LG TOTAL HVAC SOLUTION PROVIDER

ENGINEERING PRODUCT DATA BOOK

MULTI V™ 5

Heat Recovery & Heat Pump
R410A(50Hz/60Hz)
0CVV0-01C(Replaces 0CVV0-01B)

EUROVENT CERTIFIED PERFORMANCE
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MULTI V™ 5

General Information
Outdoor Units

MULTI V™ 5

General Information

1. Model Line-up & External Appearance
2. Combination of Outdoor Units
3. Nomenclature
4. Indoor Unit and Outdoor Unit Capacity Index

1. Model Line-up & External Appearance

CHASSIS	Model Name	Model
UXA	ARUM080LTE5 ARUM100LTE5 ARUM120LTE5	
UXB	ARUM140LTE5 ARUM160LTE5 ARUM180LTE5 ARUM200LTE5	
UXA UXA	ARUM221LTE5 ARUM241LTE5	
UXB UXA	ARUM261LTE5 ARUM280LTE5 ARUM300LTE5 ARUM320LTE5	
UXB UXB	ARUM340LTE5 ARUM360LTE5 ARUM380LTE5 ARUM400LTE5	
UXB UXA UXA	ARUM420LTE5 ARUM440LTE5	
UXB UXB UXA	ARUM460LTE5 ARUM480LTE5 ARUM500LTE5 ARUM520LTE5	
UXB UXB UXB	ARUM540LTE5 ARUM560LTE5 ARUM580LTE5 ARUM600LTE5	
UXB UXB UXA UXA	ARUM620LTE5 ARUM640LTE5	
UXB UXB UXB UXA	ARUM660LTE5 ARUM680LTE5 ARUM700LTE5 ARUM720LTE5	
UXB UXB UXB UXB	ARUM740LTE5 ARUM760LTE5 ARUM780LTE5 ARUM800LTE5	

2. Combination of Outdoor Units

Model Name	Number of Units	Module(HP)						
		8	10	12	14	16	18	20
ARUM080LTE5	1	1						
ARUM100LTE5	1		1					
ARUM120LTE5	1			1				
ARUM140LTE5	1				1			
ARUM160LTE5	1					1		
ARUM180LTE5	1						1	
ARUM200LTE5	1							1
ARUM221LTE5	2		1	1				
ARUM241LTE5	2			2				
ARUM261LTE5	2			1	1			
ARUM280LTE5	2			1		1		
ARUM300LTE5	2			1			1	
ARUM320LTE5	2			1				1
ARUM340LTE5	2				1			1
ARUM360LTE5	2					1		1
ARUM380LTE5	2						1	1
ARUM400LTE5	2							2
ARUM420LTE5	3			2			1	
ARUM440LTE5	3			2				1
ARUM460LTE5	3			1	1			1
ARUM480LTE5	3			1		1		1
ARUM500LTE5	3			1			1	1
ARUM520LTE5	3			1				2
ARUM540LTE5	3				1			2
ARUM560LTE5	3					1		2
ARUM580LTE5	3						1	2
ARUM600LTE5	3							3
ARUM620LTE5	4			2			1	1
ARUM640LTE5	4			2				2
ARUM660LTE5	4			1	1			2
ARUM680LTE5	4			1		1		2
ARUM700LTE5	4			1			1	2
ARUM720LTE5	4			1				3
ARUM740LTE5	4				1			3
ARUM760LTE5	4					1		3
ARUM780LTE5	4						1	3
ARUM800LTE5	4							4

3. Nomenclature

Model Name	ARU	M	100	L	T	E	5
No.	1	2	3	4	5	6	7

No.	Signification
1	**Multi V System with Indoor Unit using R410A** ARU : Global line-up
2	**Combination of Inverter Type and Cooling Only, Heat Pump or Heat Recovery** M : Inverter, Heat Pump and Heat Recovery
3	**Total Cooling capacity in Horse Power(HP) unit** EX) 8HP → '080' 10HP → '100'
4	**Electrical Ratings** L : 3Ø, 380-415 V, 50 Hz / 3Ø, 380V, 60 Hz
5	**Air Discharge Type** T : Top Discharge
6	**E: High Efficiency**
7	**Serial Number**

4. Indoor Unit and Outdoor Unit Capacity Index

4.1 Indoor Unit Selection

See the indoor unit capacity tables for given Indoor and Outdoor temperature

Select the unit whose capacity is the nearest to or greater than given load.

Note

Individual Indoor Unit capacity is subject to change by combination. Actual capacity has to be calculated according to the combination by using Outdoor unit capacity table.

4.2 Outdoor Unit Selection

Allowable combinations are indicated below. In general, outdoor unit can be selected depending on the location of the unit, zoning and usage of the rooms.

The indoor and outdoor unit combination is determined by comparing the sum of indoor unit capacity index with each Outdoor Unit. It is recommended to be the nearest to 100% combination ratio or to be smaller than that. Refer the table below. To manage cooling/heating load properly, it's better to be selected the bigger capacity outdoor unit rather than the nearest, if the installation space is large enough.

■ Combination Ratio

Line up	Outdoor Unit Type	Number of Outdoor Units	Total Combination ratio
Multi V 5	Heat Pump & Heat recovery	Single Unit	50 ~ 130 % (200%)
		Two Units	50 ~ 130 % (160%)
		Three or Four Units	50 ~ 130 %
Multi V S	R410A Heat Pump R410A Heat Recovery R32 Heat Pump	Single Unit	50 ~ 130 % (160%)
Multi V Water IV	Heat Pump Heat Recovery	Single Unit	50 ~ 130 % (200%)
		Two Units	50 ~ 130 % (160%)
		Three or Four Units	50 ~ 130 %
Multi V M	Multi V M	Single Unit	50 ~ 130 %

Note

1. The combination ratio is defined as the sum of indoor unit nominal capacity (kW) divided by the outdoor rated cooling capacity (kW).
2. LG guarantees the operation only within a maximum combination ratio of 130%.
3. If the client wants to go beyond 130%, please contact the local subsidiary and discuss the requirements. Please be aware that going over 130% may result in poor performance. If the total operating ratio of indoor unit exceeds 130%, the indoor unit is operated in low fan speed mode.
4. In case of 1:1 installation (i.e. one outdoor unit with one indoor unit), combination ratio cannot be exceed 105%.
5. For systems where special indoor units are involved, please refer to "Table. Combination Ratio for System with Special Indoor Units" in indoor unit PDB

■ INDOOR UNIT CAPACITY INDEX

Unit Capacity (Btu/h)	5k	7k	9k	12k	15k	18k	21k	24k	28k	30k	36k	42k	48k	54k	60k	76k	96k
Capacity Index	1.6	2.2	2.8	3.6	4.5	5.6	6.2	7.1	8.2	9.0	10.6	12.3	14.1	15.8	17.5	22.4	28.0

* Capacity Index is same as the capacity(kW).

MULTI V™ 5

Outdoor Units

1. Specifications
2. Dimensions
3. Piping Diagrams
4. Wiring Diagrams
5. Field Wiring
6. Electric Characteristics
7. Capacity Tables
8. Capacity Correction Factor
9. Operation Limits
10. Sound Levels
11. Accessories

1. Specifications

HP			8	10
Model Name	Combination Unit		ARUM080LTE5	ARUM100LTE5
	Independent Unit		ARUM080LTE5	ARUM100LTE5
Capacity	Cooling (Rated)	kW	22.4	28.0
		Btu/h	76,400	95,500
	Heating (Rated)	kW	22.4	28.0
		Btu/h	76,400	95,500
	Heating (Max)	kW	25.2	31.5
		Btu/h	86,000	107,500
Input	Cooling (Rated)	kW	7.02	9.30
	Heating (Rated)	kW	5.63	6.45
EER			3.19	3.01
COP	Rated capacity		3.98	4.34
SEER			7.90	7.80
SCOP			4.36	4.39
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	43.8	62.1
	Number of Revolution	rev/min	3,600	3,600
	Motor Output × Number	W × No.	4,200 × 1	5,300 × 1
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	1,200 × 1	1,200 × 1
	Air Flow Rate(High)	m^3/min	240 × 1	240 × 1
		ft^3/min	8,476 × 1	8,476 × 1
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	9.52(3/8)	9.52(3/8)
	Low Pressure Gas Pipe	mm(inch)	19.05(3/4)	22.2(7/8)
	High Pressure Gas Pipe	mm(inch)	15.88(5/8)	19.05(3/4)
Pipe Connections #2	Liquid Pipe	mm(inch)	9.52(3/8)	9.52(3/8)
	Gas Pipe	mm(inch)	19.05(3/4)	22.2(7/8)
Dimensions(W × H × D)		mm	(930 × 1,690 × 760) × 1	(930 × 1,690 × 760) × 1
		inch	(36-5/8 × 66-17/32 × 29-29/32) × 1	(36-5/8 × 66-17/32 × 29-29/32) × 1

Note

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2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			8	10
Model Name	Combination Unit		ARUM080LTE5	ARUM100LTE5
	Independent Unit		ARUM080LTE5	ARUM100LTE5
Net Weight		kg	198 × 1	215 × 1
		lbs	437 × 1	474 × 1
Sound Pressure Level	Cooling	dB(A)	58.0	58.0
	Heating	dB(A)	59.0	59.0
Sound Power Level	Cooling	dB(A)	79.0	80.0
	Heating	dB(A)	79.0	80.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	7.5	9.5
		lbs	16.5	20.9
	TCO_2eq		15.656	19.831
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	11.47 - 10.90 - 10.50	15.19 - 14.43 - 13.91
	Heating (Rated)	A	9.02 - 8.74 - 8.42	10.54 - 10.01 - 9.65
Number of maximum connectable indoor units ***			13(20)	16(25)

Note

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   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			12	14
Model Name	Combination Unit		ARUM120LTE5	ARUM140LTE5
	Independent Unit		ARUM120LTE5	ARUM140LTE5
Capacity	Cooling (Rated)	kW	33.6	39.2
		Btu/h	114,600	133,800
	Heating (Rated)	kW	33.6	39.2
		Btu/h	114,600	133,800
	Heating (Max)	kW	37.8	44.1
		Btu/h	129,000	150,500
Input	Cooling (Rated)	kW	12.00	12.98
	Heating (Rated)	kW	8.00	8.85
EER			2.80	3.02
COP	Rated capacity		4.20	4.43
SEER			7.71	8.22
SCOP			4.84	4.97
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1	62.1
	Number of Revolution	rev/min	3,600	3,600
	Motor Output × Number	W × No.	5,300 × 1	5,300 × 1
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	1,200 × 1	900 × 2
	Air Flow Rate(High)	m^3/min	240 × 1	320 × 1
		ft^3/min	8,476 × 1	1,1301 × 1
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	12.7(1/2)	12.7(1/2)
	Low Pressure Gas Pipe	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
	High Pressure Gas Pipe	mm(inch)	19.05(3/4)	22.2(7/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	12.7(1/2)	12.7(1/2)
	Gas Pipe	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Dimensions(W × H × D)		mm	(930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 1
		inch	(36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 1

Note

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   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			12	14
Model Name	Combination Unit		ARUM120LTE5	ARUM140LTE5
	Independent Unit		ARUM120LTE5	ARUM140LTE5
Net Weight		kg	215 × 1	237 × 1
		lbs	474 × 1	522 × 1
Sound Pressure Level	Cooling	dB(A)	59.0	60.0
	Heating	dB(A)	60.0	61.0
Sound Power Level	Cooling	dB(A)	81.0	82.0
	Heating	dB(A)	83.0	82.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	9.5	13.5
		lbs	20.9	29.8
	TCO_2eq		19.831	28.181
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	19.62 - 18.64 - 17.97	21.21 - 20.15 - 19.42
	Heating (Rated)	A	13.07 - 12.42 - 11.97	14.46 - 13.74 - 13.24
Number of maximum connectable indoor units ***			20(30)	23(35)

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3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			16	18
Model Name	Combination Unit		ARUM160LTE5	ARUM180LTE5
	Independent Unit		ARUM160LTE5	ARUM180LTE5
Capacity	Cooling (Rated)	kW	44.8	50.4
		Btu/h	152,900	172,000
	Heating (Rated)	kW	44.8	50.4
		Btu/h	152,900	172,000
	Heating (Max)	kW	50.4	56.7
		Btu/h	172,000	193,500
Input	Cooling (Rated)	kW	17.23	14.82
	Heating (Rated)	kW	10.59	10.91
EER			2.60	3.40
COP	Rated capacity		4.23	4.62
SEER			7.74	8.50
SCOP			5.30	4.67
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1	(62.1 × 1) + (43.8 × 1)
	Number of Revolution	rev/min	3,600	3,600 × 2
	Motor Output × Number	W × No.	5,300 × 1	(5,300 × 1) + (4,200 × 1)
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	900 × 2	900 × 2
	Air Flow Rate(High)	m^3/min	320 × 1	320 × 1
		ft^3/min	1,1301 × 1	1,1301 × 1
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	12.7(1/2)	15.88(5/8)
	Low Pressure Gas Pipe	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
	High Pressure Gas Pipe	mm(inch)	22.2(7/8)	22.2(7/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	12.7(1/2)	15.88(5/8)
	Gas Pipe	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Dimensions(W × H × D)		mm	(1,240 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 1

Note

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   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			16	18
Model Name	Combination Unit		ARUM160LTE5	ARUM180LTE5
	Independent Unit		ARUM160LTE5	ARUM180LTE5
Net Weight		kg	237 × 1	300 × 1
		lbs	522 × 1	661 × 1
Sound Pressure Level	Cooling	dB(A)	60.5	61.0
	Heating	dB(A)	61.5	62.0
Sound Power Level	Cooling	dB(A)	86.0	87.0
	Heating	dB(A)	86.0	87.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	13.5	16.0
		lbs	29.8	35.3
	TCO_2eq		28.181	33.400
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	27.85 - 26.54 - 25.58	24.21 - 23.00 - 22.17
	Heating (Rated)	A	17.30 - 16.44 - 15.84	17.82 - 16.93 - 16.32
Number of maximum connectable indoor units ***			26(40)	29(45)

Note

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2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			20	22
Model Name	Combination Unit		ARUM200LTE5	ARUM221LTE5
	Independent Unit		ARUM200LTE5	ARUM120LTE5
				ARUM100LTE5
Capacity	Cooling (Rated)	kW	56.0	61.6
		Btu/h	191,100	210,200
	Heating (Rated)	kW	56.0	61.6
		Btu/h	191,100	210,200
	Heating (Max)	kW	63.0	69.3
		Btu/h	215,000	236,500
Input	Cooling (Rated)	kW	18.06	21.30
	Heating (Rated)	kW	13.02	14.45
EER			3.10	2.89
COP	Rated capacity		4.30	4.26
SEER			8.17	7.76
SCOP			4.98	4.61
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 1) + (43.8 × 1)	62.1 × 2
	Number of Revolution	rev/min	3,600 × 2	3,600 × 2
	Motor Output × Number	W × No.	(5,300 × 1) + (4,200 × 1)	5,300 × 2
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	900 × 2	(1200 × 1) + (1,200 × 1)
	Air Flow Rate(High)	m^3/min	320 × 1	(240 × 1) + (240 × 1)
		ft^3/min	1,1301 × 1	(8,476 × 1) + (8,476 × 1)
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	15.88(5/8)	15.88(5/8)
	Low Pressure Gas Pipe	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
	High Pressure Gas Pipe	mm(inch)	22.2(7/8)	28.58(1-1/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	15.88(5/8)	15.88(5/8)
	Gas Pipe	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Dimensions(W × H × D)		mm	(1,240 × 1,690 × 760) × 1	((930 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 1	((36-5/8 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)

Note

1. Due to our policy of innovation some specifications may be changed without notification.
2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			20	22
Model Name	Combination Unit		ARUM200LTE5	ARUM221LTE5
	Independent Unit		ARUM200LTE5	ARUM120LTE5
				ARUM100LTE5
Net Weight		kg	300 × 1	(215 × 1) + (215 × 1)
		lbs	661 × 1	(474 × 1) + (474 × 1)
Sound Pressure Level	Cooling	dB(A)	62.0	61.5
	Heating	dB(A)	64.5	63.0
Sound Power Level	Cooling	dB(A)	87.0	84.0
	Heating	dB(A)	90.0	85.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	16.0	19.0
		lbs	35.3	41.8
	TCO_2eq		33.400	39.663
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	29.50 - 28.03 - 27.02	34.81 - 33.07 - 31.88
	Heating (Rated)	A	21.27 - 20.21 - 19.48	23.61 - 22.43 - 21.62
Number of maximum connectable indoor units ***			32(50)	35(44)

Note

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3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			24	26
Model Name	Combination Unit		ARUM241LTE5	ARUM261LTE5
	Independent Unit		ARUM120LTE5	ARUM140LTE5
			ARUM120LTE5	ARUM120LTE5
Capacity	Cooling (Rated)	kW	67.2	72.8
		Btu/h	229,300	248,400
	Heating (Rated)	kW	67.2	72.8
		Btu/h	229,300	248,400
	Heating (Max)	kW	75.6	81.9
		Btu/h	258,000	279,500
Input	Cooling (Rated)	kW	24.00	24.98
	Heating (Rated)	kW	16.00	16.85
EER			2.80	2.91
COP	Rated capacity		4.20	4.32
SEER			7.71	7.97
SCOP			4.84	4.91
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 2	62.1 × 2
	Number of Revolution	rev/min	3,600 × 2	3,600 × 2
	Motor Output × Number	W × No.	5,300 × 2	5,300 × 2
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	(1200 × 1) + (1,200 × 1)	(900 × 2) + (1,200 × 1)
	Air Flow Rate(High)	m^3/min	(240 × 1) + (240 × 1)	(320 × 1) + (240 × 1)
		ft^3/min	(8,476 × 1) + (8,476 × 1)	(11,301 × 1) + (8,476 × 1)
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	15.88(5/8)	19.05(3/4)
	Low Pressure Gas Pipe	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
	High Pressure Gas Pipe	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	15.88(5/8)	19.05(3/4)
	Gas Pipe	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Dimensions(W × H × D)		mm	((930 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)	((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)
		inch	((36-5/8 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)

Note

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2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			24	26
Model Name	Combination Unit		ARUM241LTE5	ARUM261LTE5
	Independent Unit		ARUM120LTE5	ARUM140LTE5
			ARUM120LTE5	ARUM120LTE5
Net Weight		kg	(215 × 1) + (215 × 1)	(237 × 1) + (215 × 1)
		lbs	(474 × 1) + (474 × 1)	(522 × 1) + (474 × 1)
Sound Pressure Level	Cooling	dB(A)	62.0	63.0
	Heating	dB(A)	63.0	64.0
Sound Power Level	Cooling	dB(A)	84.0	85.0
	Heating	dB(A)	86.0	86.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	19.0	23.0
		lbs	41.8	50.7
	TCO_2eq		39.663	48.013
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	39.24 - 37.28 - 35.93	40.83 - 38.78 - 37.38
	Heating (Rated)	A	26.14 - 24.83 - 23.93	27.53 - 26.15 - 25.21
Number of maximum connectable indoor units ***			39(48)	42(52)

Note

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3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			28	30
Model Name	Combination Unit		ARUM280LTE5	ARUM300LTE5
	Independent Unit		ARUM160LTE5	ARUM180LTE5
			ARUM120LTE5	ARUM120LTE5
Capacity	Cooling (Rated)	kW	78.4	84.0
		Btu/h	267,500	286,600
	Heating (Rated)	kW	78.4	84.0
		Btu/h	267,500	286,600
	Heating (Max)	kW	88.2	94.5
		Btu/h	301,000	322,500
Input	Cooling (Rated)	kW	29.23	26.82
	Heating (Rated)	kW	18.59	18.91
EER			2.68	3.13
COP	Rated capacity		4.22	4.44
SEER			7.72	8.16
SCOP			5.08	4.73
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 2	(62.1 × 2) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 2	3,600 × 3
	Motor Output × Number	W × No.	5,300 × 2	(5,300 × 2) + (4,200 × 1)
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	(900 × 2) + (1,200 × 1)	(900 × 2) + (1,200 × 1)
	Air Flow Rate(High)	m^3/min	(320 × 1) + (240 × 1)	(320 × 1) + (240 × 1)
		ft^3/min	(11,301 × 1) + (8,476 × 1)	(11,301 × 1) + (8,476 × 1)
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas Pipe	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
	High Pressure Gas Pipe	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas Pipe	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Dimensions(W × H × D)		mm	((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)	((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)
		inch	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)

Note

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3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			28	30
Model Name	Combination Unit		ARUM280LTE5	ARUM300LTE5
	Independent Unit		ARUM160LTE5	ARUM180LTE5
			ARUM120LTE5	ARUM120LTE5
Net Weight		kg	(237 × 1) + (215 × 1)	(300 × 1) + (215 × 1)
		lbs	(522 × 1) + (474 × 1)	(661 × 1) + (474 × 1)
Sound Pressure Level	Cooling	dB(A)	63.0	63.0
	Heating	dB(A)	64.0	64.0
Sound Power Level	Cooling	dB(A)	87.0	88.0
	Heating	dB(A)	88.0	88.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	23.0	25.5
		lbs	50.7	56.2
	TCO_2eq		48.013	53.231
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	47.47 - 45.18 - 43.55	43.83 - 41.64 - 40.14
	Heating (Rated)	A	30.37 - 28.85 - 27.81	30.89 - 29.35 - 28.29
Number of maximum connectable indoor units ***			45(56)	49(60)

Note

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   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			32	34
Model Name	Combination Unit		ARUM320LTE5	ARUM340LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM120LTE5	ARUM140LTE5
Capacity	Cooling (Rated)	kW	89.6	95.2
		Btu/h	305,700	324,800
	Heating (Rated)	kW	89.6	95.2
		Btu/h	305,700	324,800
	Heating (Max)	kW	100.8	107.1
		Btu/h	344,000	365,500
Input	Cooling (Rated)	kW	30.06	31.04
	Heating (Rated)	kW	21.02	21.87
EER			2.98	3.07
COP	Rated capacity		4.26	4.35
SEER			7.98	8.19
SCOP			4.93	4.98
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 2) + (43.8 × 1)	(62.1 × 2) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 3	3,600 × 3
	Motor Output × Number	W × No.	(5,300 × 2) + (4,200 × 1)	(5,300 × 2) + (4,200 × 1)
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	(900 × 2) + (1,200 × 1)	900 × 4
	Air Flow Rate(High)	m^3/min	(320 × 1) + (240 × 1)	320 × 2
		ft^3/min	(11,301 × 1) + (8,476 × 1)	11,301 × 2
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas Pipe	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
	High Pressure Gas Pipe	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas Pipe	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Dimensions(W × H × D)		mm	((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1)
		inch	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1)

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3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			32	34
Model Name	Combination Unit		ARUM320LTE5	ARUM340LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM120LTE5	ARUM140LTE5
Net Weight		kg	(300 × 1) + (215 × 1)	(300 × 1) + (237 × 1)
		lbs	(661 × 1) + (474 × 1)	(661 × 1) + (522 × 1)
Sound Pressure Level	Cooling	dB(A)	64.0	64.0
	Heating	dB(A)	66.0	64.0
Sound Power Level	Cooling	dB(A)	88.0	88.0
	Heating	dB(A)	91.0	91.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	25.5	29.5
		lbs	56.2	65.1
	TCO_2eq		53.231	61.581
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	49.13 - 46.67 - 44.98	50.71 - 48.17 - 46.43
	Heating (Rated)	A	34.34 - 32.62 - 31.44	35.73 - 33.94 - 32.72
Number of maximum connectable indoor units ***			52(64)	55(64)

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   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			36	38
Model Name	Combination Unit		ARUM360LTE5	ARUM380LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM160LTE5	ARUM180LTE5
Capacity	Cooling (Rated)	kW	100.8	106.4
		Btu/h	343,900	363,000
	Heating (Rated)	kW	100.8	106.4
		Btu/h	343,900	363,000
	Heating (Max)	kW	113.4	119.7
		Btu/h	387,000	408,500
Input	Cooling (Rated)	kW	35.29	32.88
	Heating (Rated)	kW	23.61	23.93
EER			2.86	3.24
COP	Rated capacity		4.27	4.45
SEER			7.97	8.32
SCOP			5.11	4.83
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 2) + (43.8 × 1)	(62.1 × 2) + (43.8 × 2)
	Number of Revolution	rev/min	3,600 × 3	3,600 × 4
	Motor Output × Number	W × No.	(5,300 × 2) + (4,200 × 1)	(5,300 × 2) + (4,200 × 2)
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	900 × 4	900 × 4
	Air Flow Rate(High)	m^3/min	320 × 2	320 × 2
		ft^3/min	11,301 × 2	11,301 × 2
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas Pipe	mm(inch)	28.58(1-1/8)	34.9(1-3/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W × H × D)		mm	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1)	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1)
		inch	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1)	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1)

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   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
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7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
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8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			36	38
Model Name	Combination Unit		ARUM360LTE5	ARUM380LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM160LTE5	ARUM180LTE5
Net Weight		kg	(300 × 1) + (237 × 1)	(300 × 1) + (300 × 1)
		lbs	(661 × 1) + (522 × 1)	(661 × 1) + (661 × 1)
Sound Pressure Level	Cooling	dB(A)	64.0	65.0
	Heating	dB(A)	66.0	66.0
Sound Power Level	Cooling	dB(A)	90.0	90.0
	Heating	dB(A)	91.0	92.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	29.5	32.0
		lbs	65.1	70.6
	TCO_2eq		61.581	66.800
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	57.35 - 54.57 - 52.60	53.72 - 51.03 - 49.19
	Heating (Rated)	A	38.57 - 36.64 - 35.32	39.09 - 37.14 - 35.8
Number of maximum connectable indoor units ***			58(64)	61(64)

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   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			40	42
Model Name	Combination Unit		ARUM400LTE5	ARUM420LTE5
	Independent Unit		ARUM200LTE5	ARUM180LTE5
			ARUM200LTE5	ARUM120LTE5
				ARUM120LTE5
Capacity	Cooling (Rated)	kW	112.0	117.6
		Btu/h	382,100	401,300
	Heating (Rated)	kW	112.0	117.6
		Btu/h	382,100	401,300
	Heating (Max)	kW	126.0	132.3
		Btu/h	430,000	451,500
Input	Cooling (Rated)	kW	36.12	38.82
	Heating (Rated)	kW	26.04	26.91
EER			3.10	3.03
COP	Rated capacity		4.30	4.37
SEER			8.17	8.02
SCOP			4.98	4.76
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 2) + (43.8 × 2)	(62.1 × 3) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 4	3,600 × 4
	Motor Output × Number	W × No.	(5,300 × 2) + (4,200 × 2)	(5,300 × 3) + (4,200 × 1)
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	900 × 4	(900 × 2) + (1,200 × 2)
	Air Flow Rate(High)	m^3/min	320 × 2	(320 × 1) + (240 × 2)
		ft^3/min	11,301 × 2	(11,301 × 1) + (8,476 × 2)
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas Pipe	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)

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3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			40	42
Model Name	Combination Unit		ARUM400LTE5	ARUM420LTE5
	Independent Unit		ARUM200LTE5	ARUM180LTE5
			ARUM200LTE5	ARUM120LTE5
				ARUM120LTE5
Dimensions(W × H × D)		mm	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1)	((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)
		inch	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1)	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)
Net Weight		kg	(300 × 1) + (300 × 1)	(300 × 1) + (215 × 1) + (215 × 1)
		lbs	(661 × 1) + (661 × 1)	(661 × 1) + (474 × 1) + (474 × 1)
Sound Pressure Level	Cooling	dB(A)	65.0	65.0
	Heating	dB(A)	68.0	66.0
Sound Power Level	Cooling	dB(A)	90.0	89.0
	Heating	dB(A)	93.0	90.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	32.0	35.0
		lbs	70.6	77.1
	TCO_2eq		66.800	73.063
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	59.01 - 56.06 - 54.03	63.45 - 60.28 - 58.10
	Heating (Rated)	A	42.54 - 40.41 - 38.95	43.96 - 41.76 - 40.26
Number of maximum connectable indoor units ***			64	64

Note

1. Due to our policy of innovation some specifications may be changed without notification.
2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
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9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			44	46
Model Name	Combination Unit		ARUM440LTE5	ARUM460LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM120LTE5	ARUM140LTE5
			ARUM120LTE5	ARUM120LTE5
Capacity	Cooling (Rated)	kW	123.2	128.8
		Btu/h	420,400	439,500
	Heating (Rated)	kW	123.2	128.8
		Btu/h	420,400	439,500
	Heating (Max)	kW	138.6	144.9
		Btu/h	473,000	494,500
Input	Cooling (Rated)	kW	42.06	43.04
	Heating (Rated)	kW	29.02	29.87
EER			2.93	2.99
COP	Rated capacity		4.25	4.31
SEER			7.90	7.58
SCOP			4.90	4.94
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 3) + (43.8 × 1)	(62.1 × 3) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 4	3,600 × 4
	Motor Output × Number	W × No.	(5,300 × 3) + (4,200 × 1)	(5,300 × 3) + (4,200 × 1)
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	(900 × 2) + (1,200 × 2)	(900 × 4) + (1,200 × 1)
	Air Flow Rate(High)	m^3/min	(320 × 1) + (240 × 2)	(320 × 2) + (240 × 1)
		ft^3/min	(11,301 × 1) + (8,476 × 2)	(11,301 × 2) + (8,476 × 1)
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas Pipe	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)

Note

1. Due to our policy of innovation some specifications may be changed without notification.
2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			44	46
Model Name	Combination Unit		ARUM440LTE5	ARUM460LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM120LTE5	ARUM140LTE5
			ARUM120LTE5	ARUM120LTE5
Dimensions(W × H × D)		mm	((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)
		inch	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)
Net Weight		kg	(300 × 1) + (215 × 1) + (215 × 1)	(300 × 1) + (237 × 1) + (215 × 1)
		lbs	(661 × 1) + (474 × 1) + (474 × 1)	(661 × 1) + (522 × 1) + (474 × 1)
Sound Pressure Level	Cooling	dB(A)	65.0	65.0
	Heating	dB(A)	67.0	67.0
Sound Power Level	Cooling	dB(A)	89.0	89.0
	Heating	dB(A)	91.0	91.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	35.0	39.0
		lbs	77.1	86.0
	TCO_2eq		73.063	81.413
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	68.75 - 65.31 - 62.95	70.33 - 66.81 - 64.40
	Heating (Rated)	A	47.41 - 45.04 - 43.41	48.8 - 46.36 - 44.68
Number of maximum connectable indoor units ***			64	64

Note

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3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			48	50
Model Name	Combination Unit		ARUM480LTE5	ARUM500LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM160LTE5	ARUM180LTE5
			ARUM120LTE5	ARUM120LTE5
Capacity	Cooling (Rated)	kW	134.4	140.0
		Btu/h	458,600	477,700
	Heating (Rated)	kW	134.4	140.0
		Btu/h	458,600	477,700
	Heating (Max)	kW	151.2	157.5
		Btu/h	516,000	537,500
Input	Cooling (Rated)	kW	47.29	44.88
	Heating (Rated)	kW	31.61	31.93
EER			2.84	3.12
COP	Rated capacity		4.25	4.39
SEER			7.38	8.16
SCOP			5.04	4.83
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 3) + (43.8 × 1)	(62.1 × 3) + (43.8 × 2)
	Number of Revolution	rev/min	3,600 × 4	3,600 × 5
	Motor Output × Number	W × No.	(5,300 × 3) + (4,200 × 1)	(5,300 × 3) + (4,200 × 2)
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	(900 × 4) + (1,200 × 1)	(900 × 4) + (1,200 × 1)
	Air Flow Rate(High)	m^3/min	(320 × 2) + (240 × 1)	(320 × 2) + (240 × 1)
		ft^3/min	(11,301 × 2) + (8,476 × 1)	(11,301 × 2) + (8,476 × 1)
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas Pipe	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)

Note

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2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			48	50
Model Name	Combination Unit		ARUM480LTE5	ARUM500LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM160LTE5	ARUM180LTE5
			ARUM120LTE5	ARUM120LTE5
Dimensions(W × H × D)		mm	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)
		inch	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)
Net Weight		kg	(300 × 1) + (237 × 1) + (215 × 1)	(300 × 1) + (300 × 1) + (215 × 1)
		lbs	(661 × 1) + (522 × 1) + (474 × 1)	(661 × 1) + (661 × 1) + (474 × 1)
Sound Pressure Level	Cooling	dB(A)	65.0	66.0
	Heating	dB(A)	67.0	67.0
Sound Power Level	Cooling	dB(A)	90.0	91.0
	Heating	dB(A)	92.0	92.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		$No.\times mm^2$ (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	39.0	41.5
		lbs	86.0	91.5
	TCO_2eq		81.413	86.631
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	76.97 - 73.21 - 70.57	73.34 - 69.67 - 67.15
	Heating (Rated)	A	51.64 - 49.06 - 47.29	52.16 - 49.56 - 47.76
Number of maximum connectable indoor units ***			64	64

Note

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2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			52	54
Model Name	Combination Unit		ARUM520LTE5	ARUM540LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM120LTE5	ARUM140LTE5
Capacity	Cooling (Rated)	kW	145.6	151.2
		Btu/h	496,800	515,900
	Heating (Rated)	kW	145.6	151.2
		Btu/h	496,800	515,900
	Heating (Max)	kW	163.8	170.1
		Btu/h	559,000	580,500
Input	Cooling (Rated)	kW	48.12	49.10
	Heating (Rated)	kW	34.04	34.89
EER			3.03	3.08
COP	Rated capacity		4.28	4.33
SEER			8.05	7.79
SCOP			4.95	4.98
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 3) + (43.8 × 2)	(62.1 × 3) + (43.8 × 2)
	Number of Revolution	rev/min	3,600 × 5	3,600 × 5
	Motor Output × Number	W × No.	(5,300 × 3) + (4,200 × 2)	(5,300 × 3) + (4,200 × 2)
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	(900 × 4) + (1,200 × 1)	900 × 6
	Air Flow Rate(High)	m^3/min	(320 × 2) + (240 × 1)	320 × 3
		ft^3/min	(11,301 × 2) + (8,476 × 1)	11,301 × 3
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas Pipe	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)

Note

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2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			52	54
Model Name	Combination Unit		ARUM520LTE5	ARUM540LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM120LTE5	ARUM140LTE5
Dimensions(W × H × D)		mm	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1)
		inch	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1)
Net Weight		kg	(300 × 1) + (300 × 1) + (215 × 1)	(300 × 1) + (300 × 1) + (237 × 1)
		lbs	(661 × 1) + (661 × 1) + (474 × 1)	(661 × 1) + (661 × 1) + (522 × 1)
Sound Pressure Level	Cooling	dB(A)	66.0	66.0
	Heating	dB(A)	68.0	67.0
Sound Power Level	Cooling	dB(A)	91.0	91.0
	Heating	dB(A)	93.0	93.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	41.5	45.5
		lbs	91.5	100.4
	TCO_2eq		86.631	94.981
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	78.63 - 74.70 - 72.00	80.21 - 76.20 - 73.45
	Heating (Rated)	A	55.61 - 52.83 - 50.92	57 - 54.15 - 52.19
Number of maximum connectable indoor units ***			64	64

Note

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3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			56	58
Model Name	Combination Unit		ARUM560LTE5	ARUM580LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM160LTE5	ARUM180LTE5
Capacity	Cooling (Rated)	kW	156.8	162.4
		Btu/h	535,000	554,100
	Heating (Rated)	kW	156.8	162.4
		Btu/h	535,000	554,100
	Heating (Max)	kW	176.4	182.7
		Btu/h	602,000	623,500
Input	Cooling (Rated)	kW	53.35	50.94
	Heating (Rated)	kW	36.63	36.95
EER			2.94	3.19
COP	Rated capacity		4.28	4.40
SEER			7.67	8.27
SCOP			5.06	4.88
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 3) + (43.8 × 2)	(62.1 × 3) + (43.8 × 3)
	Number of Revolution	rev/min	3,600 × 5	3,600 × 6
	Motor Output × Number	W × No.	(5,300 × 3) + (4,200 × 2)	(5,300 × 3) + (4,200 × 3)
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	900 × 6	900 × 6
	Air Flow Rate(High)	m^3/min	320 × 3	320 × 3
		ft^3/min	11,301 × 3	11,301 × 3
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas Pipe	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)

Note

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2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			56	58
Model Name	Combination Unit		ARUM560LTE5	ARUM580LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM160LTE5	ARUM180LTE5
Dimensions(W × H × D)		mm	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1)	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1)
		inch	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1)	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1)
Net Weight		kg	(300 × 1) + (300 × 1) + (237 × 1)	(300 × 1) + (300 × 1) + (300 × 1)
		lbs	(661 × 1) + (661 × 1) + (522 × 1)	(661 × 1) + (661 × 1) + (661 × 1)
Sound Pressure Level	Cooling	dB(A)	66.0	66.0
	Heating	dB(A)	68.0	69.0
Sound Power Level	Cooling	dB(A)	91.0	92.0
	Heating	dB(A)	94.0	94.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	45.5	48.0
		lbs	100.4	105.9
	TCO_2eq		94.981	100.200
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	86.86 - 82.60 - 79.62	83.22 - 79.06 - 76.20
	Heating (Rated)	A	59.84 - 56.85 - 54.8	60.37 - 57.35 - 55.27
Number of maximum connectable indoor units ***			64	64

Note

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3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			60	62
Model Name	Combination Unit		ARUM600LTE5	ARUM620LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM180LTE5
			ARUM200LTE5	ARUM120LTE5
				ARUM120LTE5
Capacity	Cooling (Rated)	kW	168.0	173.6
		Btu/h	573,200	592,300
	Heating (Rated)	kW	168.0	173.6
		Btu/h	573,200	592,300
	Heating (Max)	kW	189.0	195.3
		Btu/h	645,000	666,500
Input	Cooling (Rated)	kW	54.18	56.88
	Heating (Rated)	kW	39.06	39.93
EER			3.10	3.05
COP	Rated capacity		4.30	4.35
SEER			8.17	8.07
SCOP			4.98	4.83
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 3) + (43.8 × 3)	(62.1 × 4) + (43.8 × 2)
	Number of Revolution	rev/min	3,600 × 6	3,600 × 6
	Motor Output × Number	W × No.	(5,300 × 3) + (4,200 × 3)	(5,300 × 4) + (4,200 × 2)
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	900 × 6	(900 × 4) + (1,200 × 2)
	Air Flow Rate(High)	m^3/min	320 × 3	(320 × 2) + (240 × 2)
		ft^3/min	11,301 × 3	(11,301 × 2) + (8,476 × 2)
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	19.05(3/4)	22.2(7/8)
	Low Pressure Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas Pipe	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	19.05(3/4)	22.2(7/8)
	Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)

Note

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2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			60	62
Model Name	Combination Unit		ARUM600LTE5	ARUM620LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM180LTE5
			ARUM200LTE5	ARUM120LTE5
				ARUM120LTE5
Dimensions(W × H × D)		mm	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1)	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)
		inch	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1)	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)
Net Weight		kg	(300 × 1) + (300 × 1) + (300 × 1)	(300 × 1) + (300 × 1) + (215 × 1) + (215 × 1)
		lbs	(661 × 1) + (661 × 1) + (661 × 1)	(661 × 1) + (661 × 1) + (474 × 1) + (474 × 1)
Sound Pressure Level	Cooling	dB(A)	67.0	66.0
	Heating	dB(A)	69.0	68.0
Sound Power Level	Cooling	dB(A)	92.0	91.0
	Heating	dB(A)	95.0	93.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	48.0	51.0
		lbs	105.9	112.4
	TCO_2eq		100.200	106.463
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	88.51 - 84.09 - 81.05	92.96 - 88.31 - 85.12
	Heating (Rated)	A	63.81 - 60.62 - 58.43	65.23 - 61.97 - 59.73
Number of maximum connectable indoor units ***			64	64

Note

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3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			64	66
Model Name	Combination Unit		ARUM640LTE5	ARUM660LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM120LTE5	ARUM140LTE5
			ARUM120LTE5	ARUM120LTE5
Capacity	Cooling (Rated)	kW	179.2	184.8
		Btu/h	611,400	630,500
	Heating (Rated)	kW	179.2	184.8
		Btu/h	611,400	630,500
	Heating (Max)	kW	201.6	207.9
		Btu/h	688,000	709,500
Input	Cooling (Rated)	kW	60.12	61.10
	Heating (Rated)	kW	42.04	42.89
EER			2.98	3.02
COP	Rated capacity		4.26	4.31
SEER			7.98	7.78
SCOP			4.93	4.95
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 4) + (43.8 × 2)	(62.1 × 4) + (43.8 × 2)
	Number of Revolution	rev/min	3,600 × 6	3,600 × 6
	Motor Output × Number	W × No.	(5,300 × 4) + (4,200 × 2)	(5,300 × 4) + (4,200 × 2)
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	(900 × 4) + (1,200 × 2)	(900 × 6) + (1,200 × 1)
	Air Flow Rate(High)	m^3/min	(320 × 2) + (240 × 2)	(320 × 3) + (240 × 1)
		ft^3/min	(11,301 × 2) + (8,476 × 2)	(11,301 × 3) + (8,476 × 1)
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	22.2(7/8)	22.2(7/8)
	Low Pressure Gas Pipe	mm(inch)	41.3(1-5/8)	53.98(2-1/8)
	High Pressure Gas Pipe	mm(inch)	34.9(1-3/8)	41.3(1-5/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas Pipe	mm(inch)	41.3(1-5/8)	53.98(2-1/8)

Note

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2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			64	66
Model Name	Combination Unit		ARUM640LTE5	ARUM660LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM120LTE5	ARUM140LTE5
			ARUM120LTE5	ARUM120LTE5
Dimensions(W × H × D)		mm	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)
		inch	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)
Net Weight		kg	(300 × 1) + (300 × 1) + (215 × 1) + (215 × 1)	(300 × 1) + (300 × 1) + (237 × 1) + (215 × 1)
		lbs	(661 × 1) + (661 × 1) + (474 × 1) + (474 × 1)	(661 × 1) + (661 × 1) + (522 × 1) + (474 × 1)
Sound Pressure Level	Cooling	dB(A)	67.0	67.0
	Heating	dB(A)	69.0	69.0
Sound Power Level	Cooling	dB(A)	91.0	91.0
	Heating	dB(A)	94.0	94.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	51.0	55.0
		lbs	112.4	121.3
	TCO_2eq		106.463	114.813
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	98.25 - 93.34 - 89.96	99.84 - 94.84 - 91.42
	Heating (Rated)	A	68.68 - 65.25 - 62.89	70.07 - 66.57 - 64.16
Number of maximum connectable indoor units ***			64	64

Note

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3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			68	70
Model Name	Combination Unit		ARUM680LTE5	ARUM700LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM160LTE5	ARUM180LTE5
			ARUM120LTE5	ARUM120LTE5
Capacity	Cooling (Rated)	kW	190.4	196.0
		Btu/h	649,600	668,800
	Heating (Rated)	kW	190.4	196.0
		Btu/h	649,600	668,800
	Heating (Max)	kW	214.2	220.5
		Btu/h	731,000	752,500
Input	Cooling (Rated)	kW	65.35	62.94
	Heating (Rated)	kW	44.63	44.95
EER			2.91	3.11
COP	Rated capacity		4.27	4.36
SEER			7.63	8.16
SCOP			5.02	4.87
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 4) + (43.8 × 2)	(62.1 × 4) + (43.8 × 3)
	Number of Revolution	rev/min	3,600 × 6	3,600 × 7
	Motor Output × Number	W × No.	(5,300 × 4) + (4,200 × 2)	(5,300 × 4) + (4,200 × 3)
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	(900 × 6) + (1,200 × 1)	(900 × 6) + (1,200 × 1)
	Air Flow Rate(High)	m^3/min	(320 × 3) + (240 × 1)	(320 × 3) + (240 × 1)
		ft^3/min	(11,301 × 3) + (8,476 × 1)	(11,301 × 3) + (8,476 × 1)
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	22.2(7/8)	22.2(7/8)
	Low Pressure Gas Pipe	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
	High Pressure Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas Pipe	mm(inch)	53.98(2-1/8)	53.98(2-1/8)

Note

1. Due to our policy of innovation some specifications may be changed without notification.
2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			68	70
Model Name	Combination Unit		ARUM680LTE5	ARUM700LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM160LTE5	ARUM180LTE5
			ARUM120LTE5	ARUM120LTE5
Dimensions(W × H × D)		mm	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)
		inch	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)
Net Weight		kg	(300 × 1) + (300 × 1) + (237 × 1) + (215 × 1)	(300 × 1) + (300 × 1) + (300 × 1) + (215 × 1)
		lbs	(661 × 1) + (661 × 1) + (522 × 1) + (474 × 1)	(661 × 1) + (661 × 1) + (661 × 1) + (474 × 1)
Sound Pressure Level	Cooling	dB(A)	67.0	67.0
	Heating	dB(A)	69.0	69.0
Sound Power Level	Cooling	dB(A)	92.0	92.0
	Heating	dB(A)	94.0	94.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	55.0	57.5
		lbs	121.3	126.8
	TCO_2eq		114.813	120.031
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	106.48 - 101.24 - 97.58	102.84 - 97.70 - 94.17
	Heating (Rated)	A	72.91 - 69.27 - 66.76	73.43 - 69.76 - 67.24
Number of maximum connectable indoor units ***			64	64

Note

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2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			72	74
Model Name	Combination Unit		ARUM720LTE5	ARUM740LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM120LTE5	ARUM140LTE5
Capacity	Cooling (Rated)	kW	201.6	207.2
		Btu/h	687,900	707,000
	Heating (Rated)	kW	201.6	207.2
		Btu/h	687,900	707,000
	Heating (Max)	kW	226.8	233.1
		Btu/h	774,000	795,500
Input	Cooling (Rated)	kW	66.18	67.16
	Heating (Rated)	kW	47.06	47.91
EER			3.05	3.09
COP	Rated capacity		4.28	4.32
SEER			8.08	7.91
SCOP			4.96	4.98
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 4) + (43.8 × 3)	(62.1 × 4) + (43.8 × 3)
	Number of Revolution	rev/min	3,600 × 7	3,600 × 7
	Motor Output × Number	W × No.	(5,300 × 4) + (4,200 × 3)	(5,300 × 4) + (4,200 × 3)
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	(900 × 6) + (1,200 × 1)	(900 × 8)
	Air Flow Rate(High)	m^3/min	(320 × 3) + (240 × 1)	(320 × 4)
		ft^3/min	(11,301 × 3) + (8,476 × 1)	(11,301 × 4)
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	22.2(7/8)	22.2(7/8)
	Low Pressure Gas Pipe	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
	High Pressure Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas Pipe	mm(inch)	53.98(2-1/8)	53.98(2-1/8)

Note

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3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			72	74
Model Name	Combination Unit		ARUM720LTE5	ARUM740LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM120LTE5	ARUM140LTE5
Dimensions(W × H × D)		mm	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((930 × 1,690 × 760) × 1)	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1)
		inch	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((36-5/8 × 66-17/32 × 29-29/32) × 1)	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1)
Net Weight		kg	(300 × 1) + (300 × 1) + (300 × 1) + (215 × 1)	(300 × 1) + (300 × 1) + (300 × 1) + (237 × 1)
		lbs	(661 × 1) + (661 × 1) + (661 × 1) + (474 × 1)	(661 × 1) + (661 × 1) + (661 × 1) + (522 × 1)
Sound Pressure Level	Cooling	dB(A)	67.0	68.0
	Heating	dB(A)	70.0	69.0
Sound Power Level	Cooling	dB(A)	92.0	92.0
	Heating	dB(A)	95.0	95.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	57.5	61.5
		lbs	126.8	135.7
	TCO_2eq		120.031	128.381
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	108.13 - 102.73 - 99.01	109.72 - 104.23 - 100.47
	Heating (Rated)	A	76.88 - 73.04 - 70.4	78.27 - 74.36 - 71.67
Number of maximum connectable indoor units ***			64	64

Note

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2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			76	78
Model Name	Combination Unit		ARUM760LTE5	ARUM780LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM160LTE5	ARUM180LTE5
Capacity	Cooling (Rated)	kW	212.8	218.4
		Btu/h	726,100	745,200
	Heating (Rated)	kW	212.8	218.4
		Btu/h	726,100	745,200
	Heating (Max)	kW	239.4	245.7
		Btu/h	817,000	838,500
Input	Cooling (Rated)	kW	71.41	69.00
	Heating (Rated)	kW	49.65	49.97
EER			2.98	3.17
COP	Rated capacity		4.29	4.37
SEER			7.77	8.24
SCOP			5.04	4.91
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 4) + (43.8 × 3)	(62.1 × 4) + (43.8 × 4)
	Number of Revolution	rev/min	3,600 × 7	3,600 × 8
	Motor Output × Number	W × No.	(5,300 × 4) + (4,200 × 3)	(5,300 × 4) + (4,200 × 4)
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output × Number	W	(900 × 8)	(900 × 8)
	Air Flow Rate(High)	m^3/min	(320 × 4)	(320 × 4)
		ft^3/min	(11,301 × 4)	(11,301 × 4)
	Drive		DC INVERTER	DC INVERTER
	External Static Pressure (Max, Pa)		80	80
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	22.2(7/8)	22.2(7/8)
	Low Pressure Gas Pipe	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
	High Pressure Gas Pipe	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas Pipe	mm(inch)	53.98(2-1/8)	53.98(2-1/8)

Note

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2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			76	78
Model Name	Combination Unit		ARUM760LTE5	ARUM780LTE5
	Independent Unit		ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM200LTE5	ARUM200LTE5
			ARUM160LTE5	ARUM180LTE5
Dimensions(W × H × D)		mm	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1)	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1)
		inch	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1)	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1)
Net Weight		kg	(300 × 1) + (300 × 1) + (300 × 1) + (237 × 1)	(300 × 1) + (300 × 1) + (300 × 1) + (300 × 1)
		lbs	(661 × 1) + (661 × 1) + (661 × 1) + (522 × 1)	(661 × 1) + (661 × 1) + (661 × 1) + (661 × 1)
Sound Pressure Level	Cooling	dB(A)	68.0	68.0
	Heating	dB(A)	70.0	70.0
Sound Power Level	Cooling	dB(A)	93.0	93.0
	Heating	dB(A)	95.0	95.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount in factory	kg	61.5	64.0
		lbs	135.7	141.2
	TCO_2eq		128.381	133.600
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	116.36 - 110.63 - 106.63	112.73 - 107.09 - 103.22
	Heating (Rated)	A	81.11 - 77.06 - 74.27	81.64 - 77.55 - 74.75
Number of maximum connectable indoor units ***			64	64

Note

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3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			80
Model Name	Combination Unit		ARUM800LTE5
	Independent Unit		ARUM200LTE5
			ARUM200LTE5
			ARUM200LTE5
			ARUM200LTE5
Capacity	Cooling (Rated)	kW	224.0
		Btu/h	764,300
	Heating (Rated)	kW	224.0
		Btu/h	764,300
	Heating (Max)	kW	252.0
		Btu/h	860,000
Input	Cooling (Rated)	kW	72.24
	Heating (Rated)	kW	52.08
EER			3.10
COP	Rated capacity		4.30
SEER			8.17
SCOP			4.98
Exterior	Color		Morning Gray / Dawn Gray
	RAL code		RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 4) + (43.8 × 4)
	Number of Revolution	rev/min	3,600 × 8
	Motor Output × Number	W × No.	(5,300 × 4) + (4,200 × 4)
	Starting Method		Inverter
	Oil Type		FW68D(PVE)
Fan	Type		Propeller fan
	Motor Output × Number	W	(900 × 8)
	Air Flow Rate(High)	m^3/min	(320 × 4)
		ft^3/min	(11,301 × 4)
	Drive		DC INVERTER
	External Static Pressure (Max, Pa)		80
	Discharge	Side / Top	TOP
Pipe Connections #1	Liquid Pipe	mm(inch)	22.2(7/8)
	Low Pressure Gas Pipe	mm(inch)	53.98(2-1/8)
	High Pressure Gas Pipe	mm(inch)	41.3(1-5/8)
Pipe Connections #2	Liquid Pipe	mm(inch)	22.2(7/8)
	Gas Pipe	mm(inch)	53.98(2-1/8)
Dimensions(W × H × D)		mm	((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1) + ((1,240 × 1,690 × 760) × 1)
		inch	((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1) + ((48-13/16 × 66-17/32 × 29-29/32) × 1)

Note

1. Due to our policy of innovation some specifications may be changed without notification.
2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

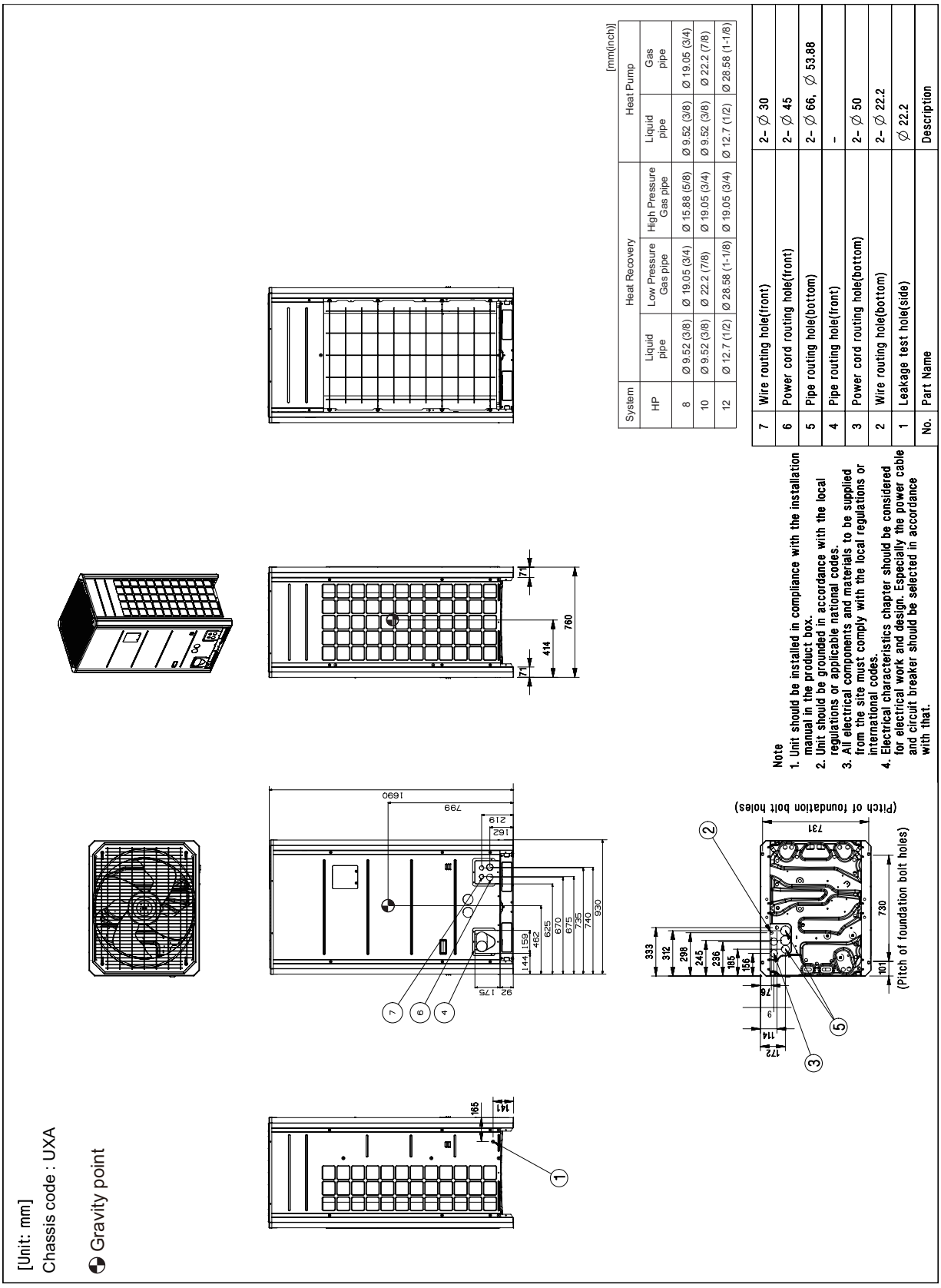
HP			80
Model Name	Combination Unit		ARUM800LTE5
	Independent Unit		ARUM200LTE5
			ARUM200LTE5
			ARUM200LTE5
			ARUM200LTE5
Net Weight		kg	(300 × 1) + (300 × 1) + (300 × 1) + (300 × 1)
		lbs	(661 × 1) + (661 × 1) + (661 × 1) + (661 × 1)
Sound Pressure Level	Cooling	dB(A)	68.0
	Heating	dB(A)	71.0
Sound Power Level	Cooling	dB(A)	93.0
	Heating	dB(A)	96.0
Protection Devices	High pressure protection	-	High pressure sensor / High pressure switch
	Compressor/Fan	-	Over-heat protection / Fan driver overload protector
	Inverter	-	Over-heat protection / Over-current protection
Communication Cable		No.×mm^2 (VCTF-SB)	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A
	Precharged Amount in factory	kg	64.0
		lbs	141.2
	TCO_2eq		133.600
	Control		Electronic Expansion Valve
Power Supply		Ø , V, Hz	380-400-415, 3, 50/60
Running Current	Cooling (Rated)	A	118.02 - 112.12 - 108.07
	Heating (Rated)	A	85.08 - 80.83 - 77.91
Number of maximum connectable indoor units ***			64

Note

1. Due to our policy of innovation some specifications may be changed without notification.
2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
   Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
4. Sound values of combination model are calculated values based on sound results of independent models.
   Sound values can be increased owing to ambient or installation conditions during operation.
   Sound values of system [dB(A)] = 10*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
6. EUROVENT Test Condition :
   - Performance values in this PDB are based on Ceiling Mounted Cassette combination.
   - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
7. *** : The number in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160~200%).
   The recommended ratio is 130%.
8. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
9. #1 : Heat Recovery system, #2 : Heat Pump system

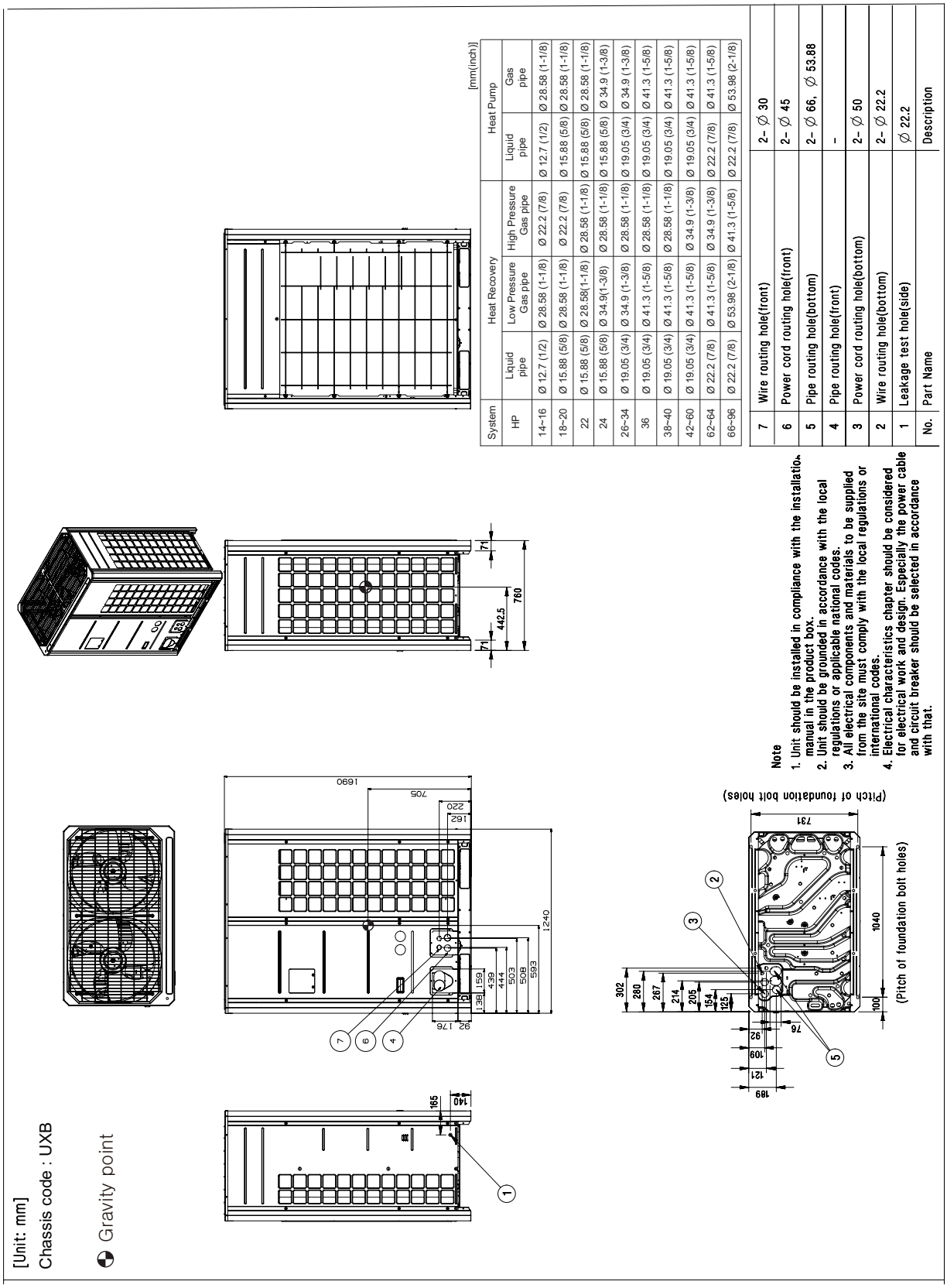
2. Dimensions

ARUM080LTE5 / ARUM100LTE5 / ARUM120LTE5



2. Dimensions

ARUM140LTE5 / ARUM160LTE5 / ARUM180LTE5 / ARUM200LTE5



[mm(inch)]

System	Heat Recovery			Heat Pump	
HP	Liquid pipe	Low Pressure Gas pipe	High Pressure Gas pipe	Liquid pipe	Gas pipe
14~16	Ø 12.7 (1/2)	Ø 28.58 (1-1/8)	Ø 22.2 (7/8)	Ø 12.7 (1/2)	Ø 28.58 (1-1/8)
18~20	Ø 15.88 (5/8)	Ø 28.58 (1-1/8)	Ø 22.2 (7/8)	Ø 15.88 (5/8)	Ø 28.58 (1-1/8)
22	Ø 15.88 (5/8)	Ø 28.58(1-1/8)	Ø 28.58 (1-1/8)	Ø 15.88 (5/8)	Ø 28.58 (1-1/8)
24	Ø 15.88 (5/8)	Ø 34.9(1-3/8)	Ø 28.58 (1-1/8)	Ø 15.88 (5/8)	Ø 34.9 (1-3/8)
26~34	Ø 19.05 (3/4)	Ø 34.9 (1-3/8)	Ø 28.58 (1-1/8)	Ø 19.05 (3/4)	Ø 34.9 (1-3/8)
36	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)	Ø 28.58 (1-1/8)	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)
38~40	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)	Ø 28.58 (1-1/8)	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)
42~60	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)	Ø 34.9 (1-3/8)	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)
62~64	Ø 22.2 (7/8)	Ø 41.3 (1-5/8)	Ø 34.9 (1-3/8)	Ø 22.2 (7/8)	Ø 41.3 (1-5/8)
66~96	Ø 22.2 (7/8)	Ø 53.98 (2-1/8)	Ø 41.3 (1-5/8)	Ø 22.2 (7/8)	Ø 53.98 (2-1/8)

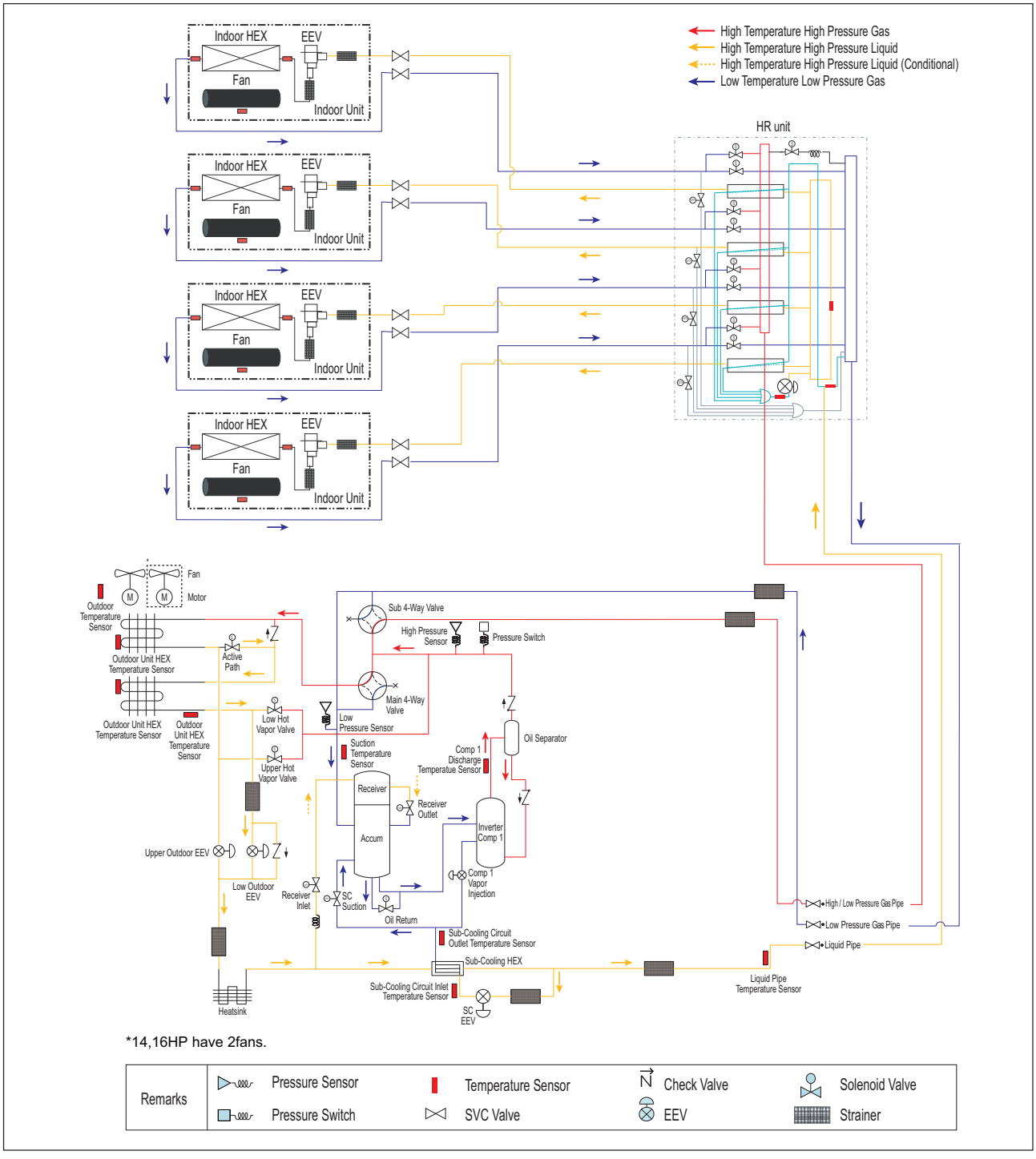
No.	Part Name	Description
7	Wire routing hole(front)	2- ∅ 30
6	Power cord routing hole(front)	2- ∅ 45
5	Pipe routing hole(bottom)	2- ∅ 66, ∅ 53.88
4	Pipe routing hole(front)	-
3	Power cord routing hole(bottom)	2- ∅ 50
2	Wire routing hole(bottom)	2- ∅ 22.2
1	Leakage test hole(side)	∅ 22.2

3. Piping Diagrams

3.1 8 / 10 / 12 / 14 / 16 HP (1 Comp)

3.1.1 Heat Recovery System

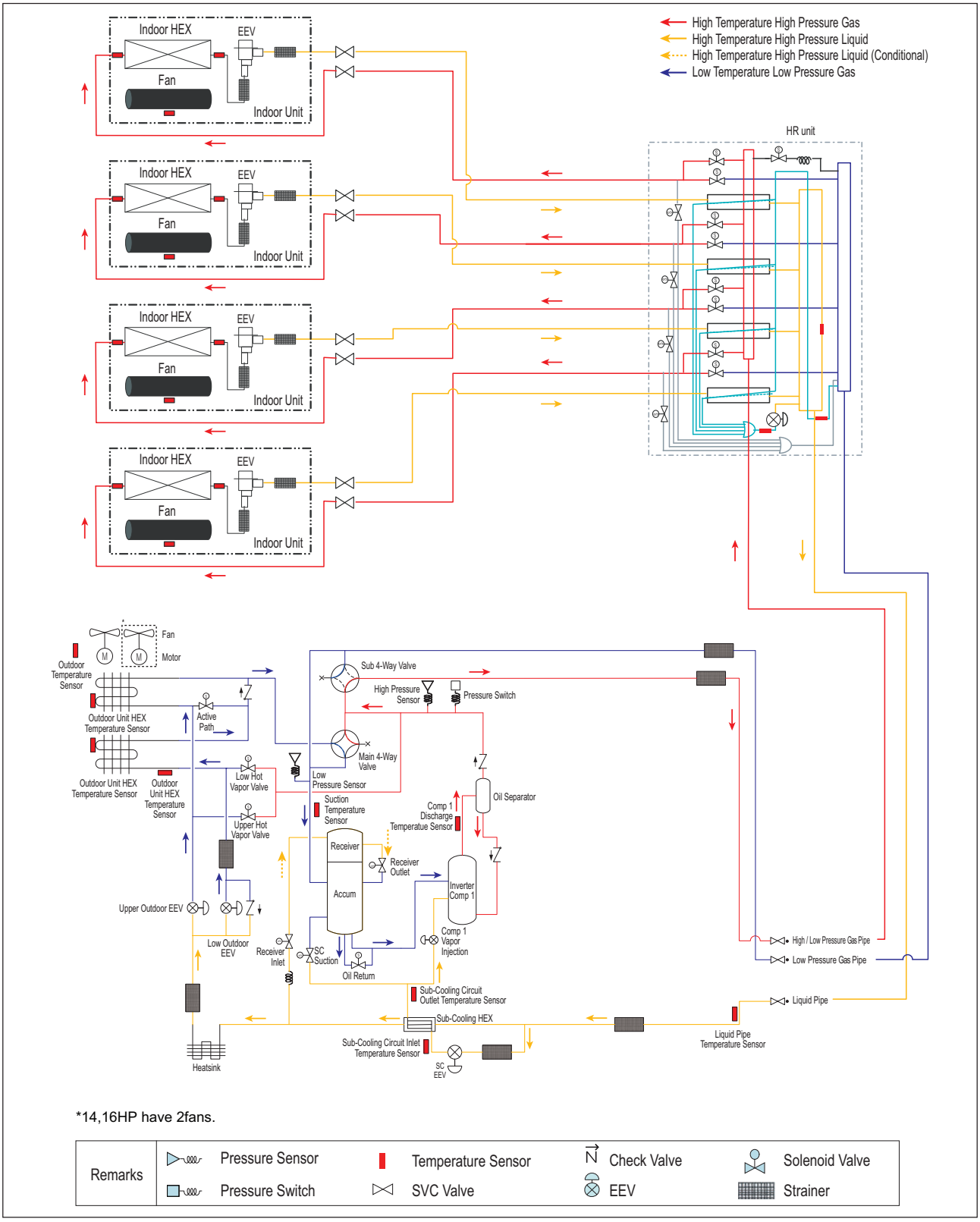
■ Cooling Operation



*14,16HP have 2fans.

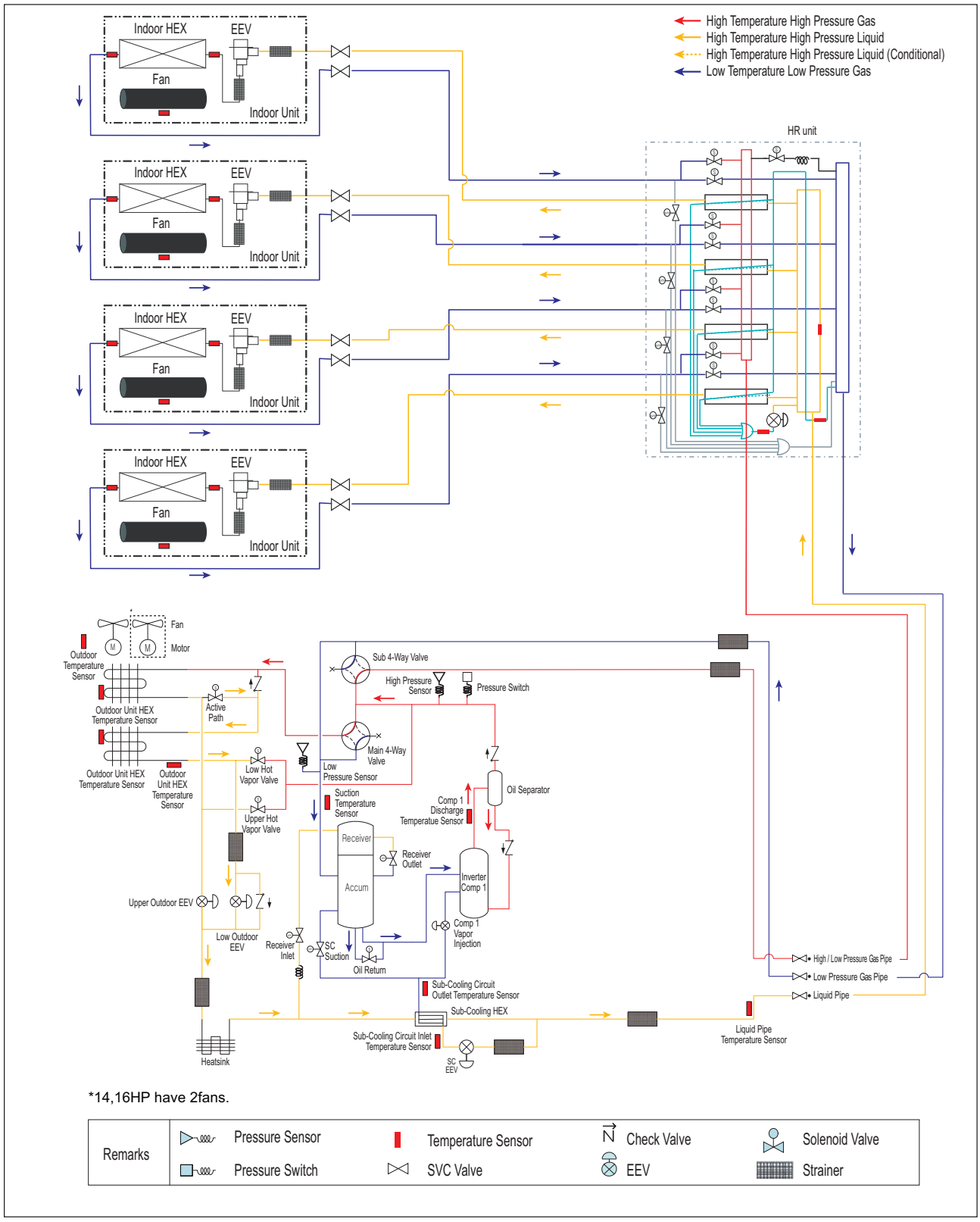
3. Piping Diagrams

■ Heating Operation



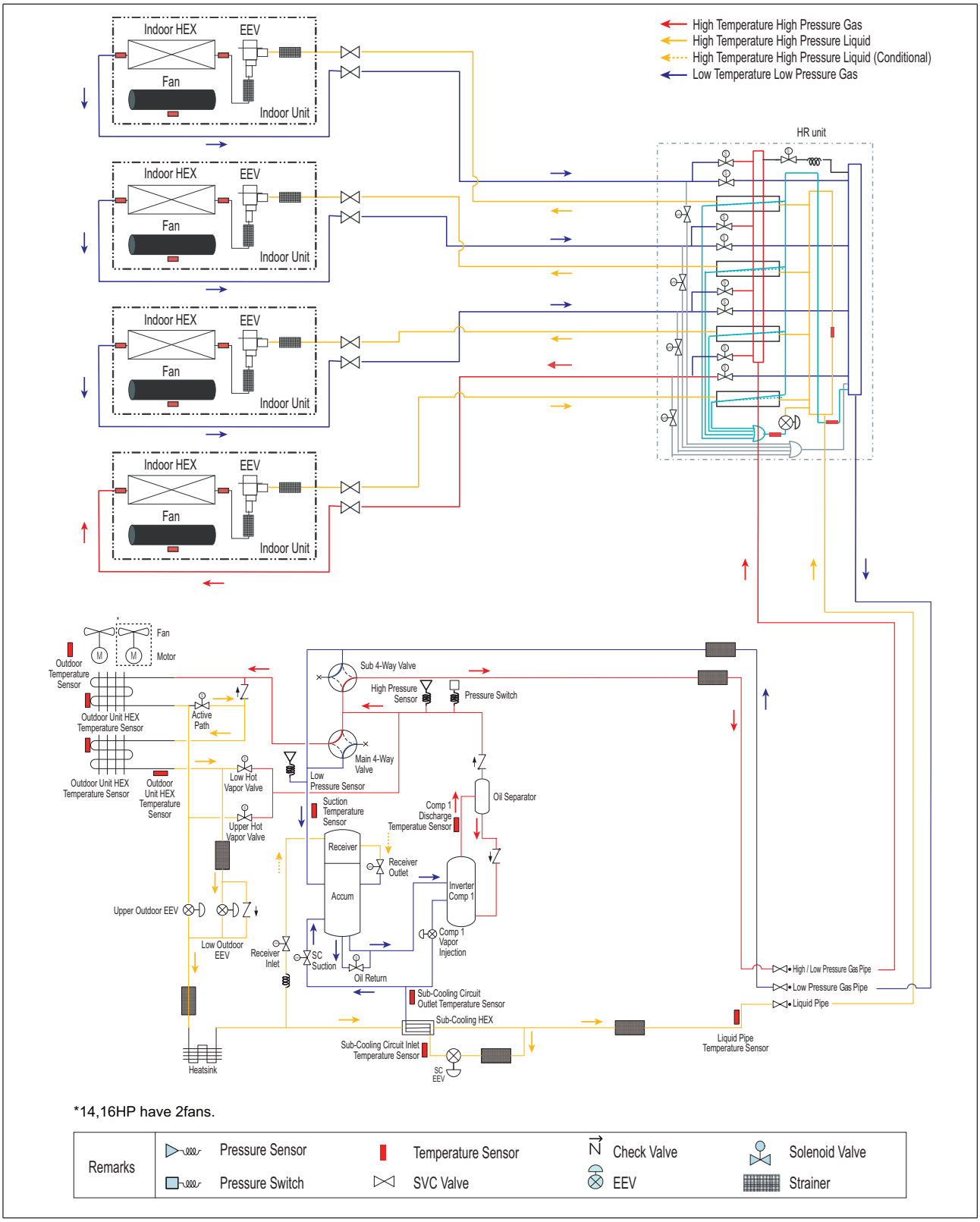
3. Piping Diagrams

■ Oil Return/ Defrost Operation



3. Piping Diagrams

■ Cooling-based Simultaneous Operation

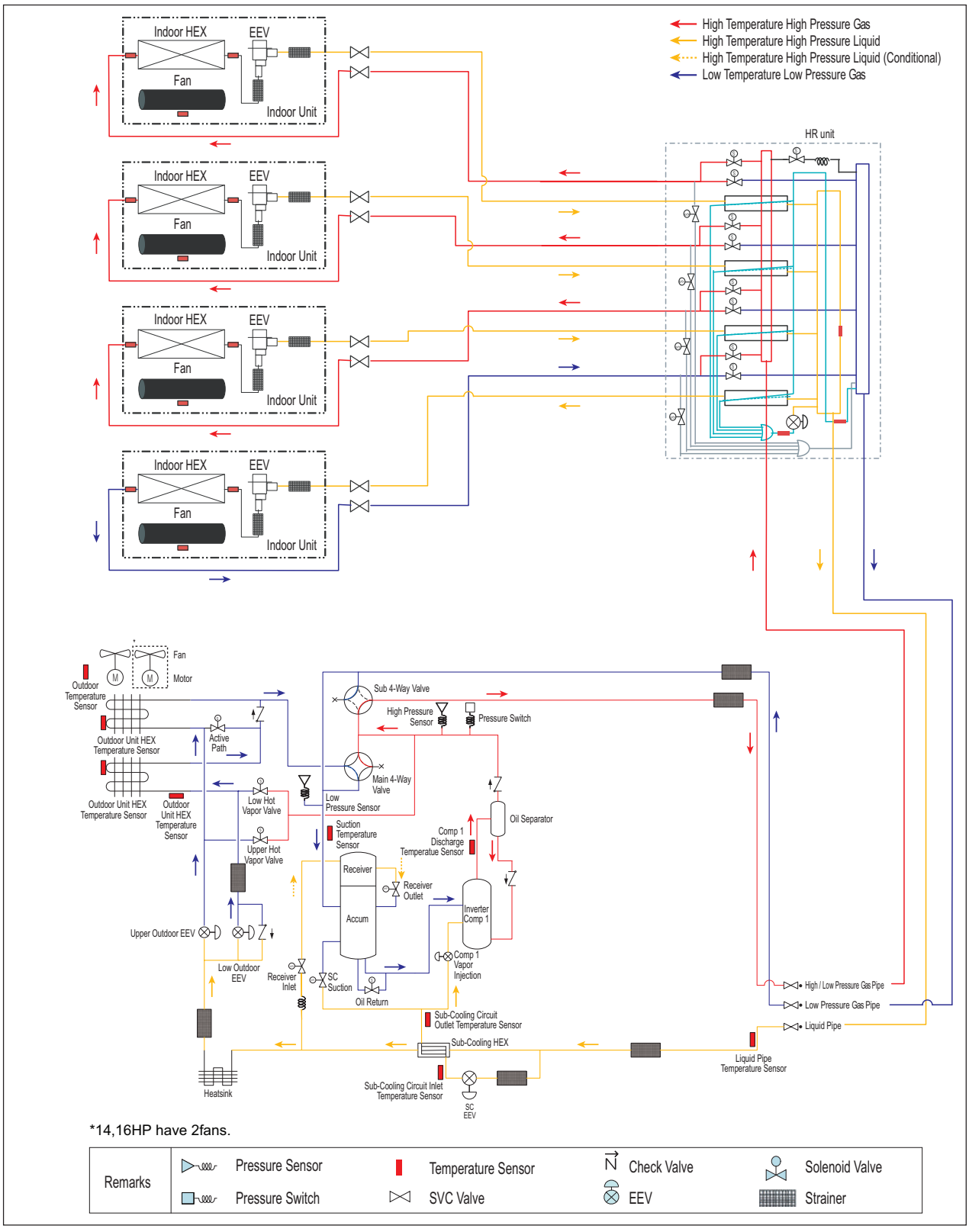


*14,16HP have 2fans.

Remarks							
	Pressure Sensor	Temperature Sensor	Check Valve	Solenoid Valve
	Pressure Switch	SVC Valve	EEV	Strainer

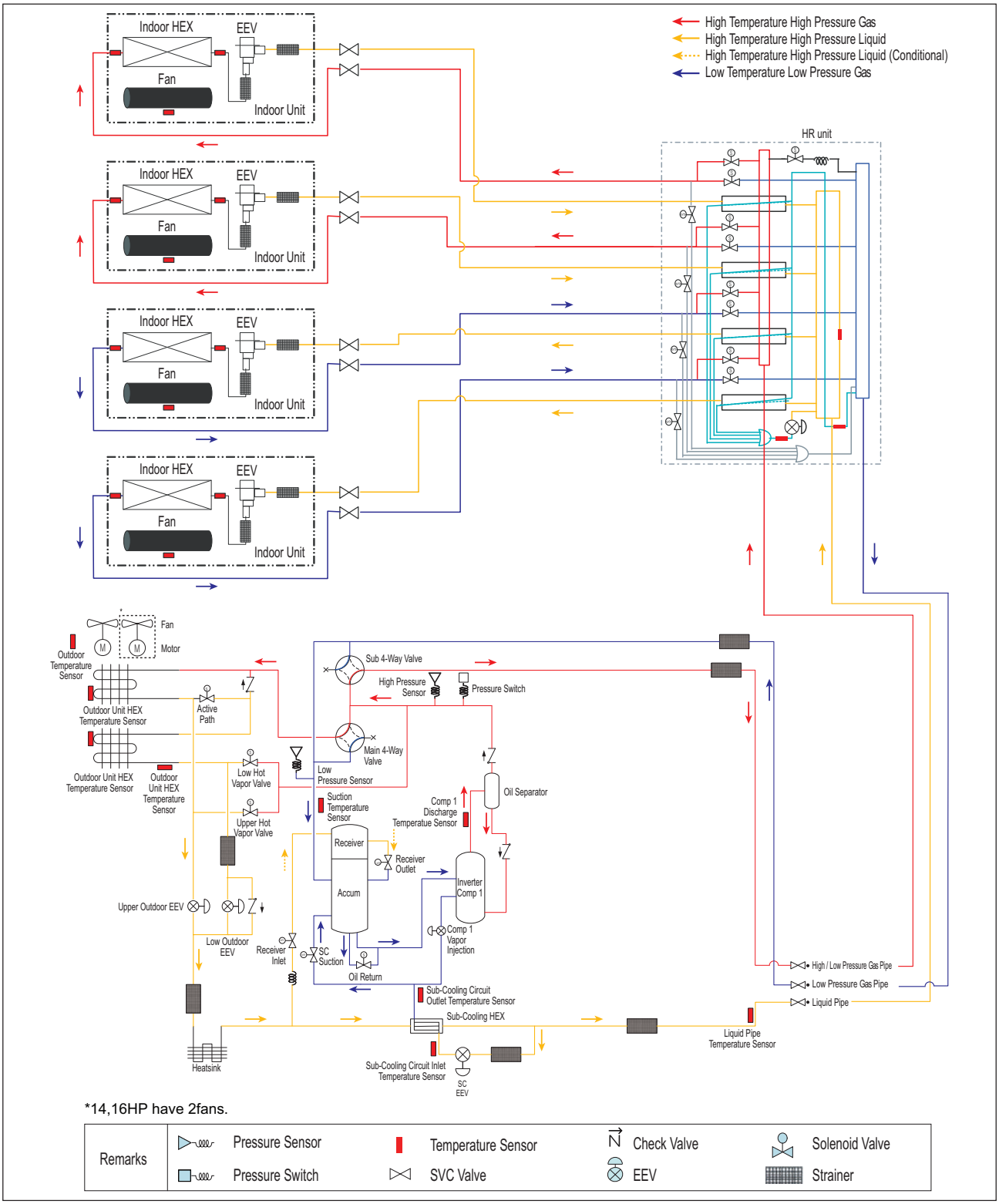
3. Piping Diagrams

■ Heating-based Simultaneous Operation



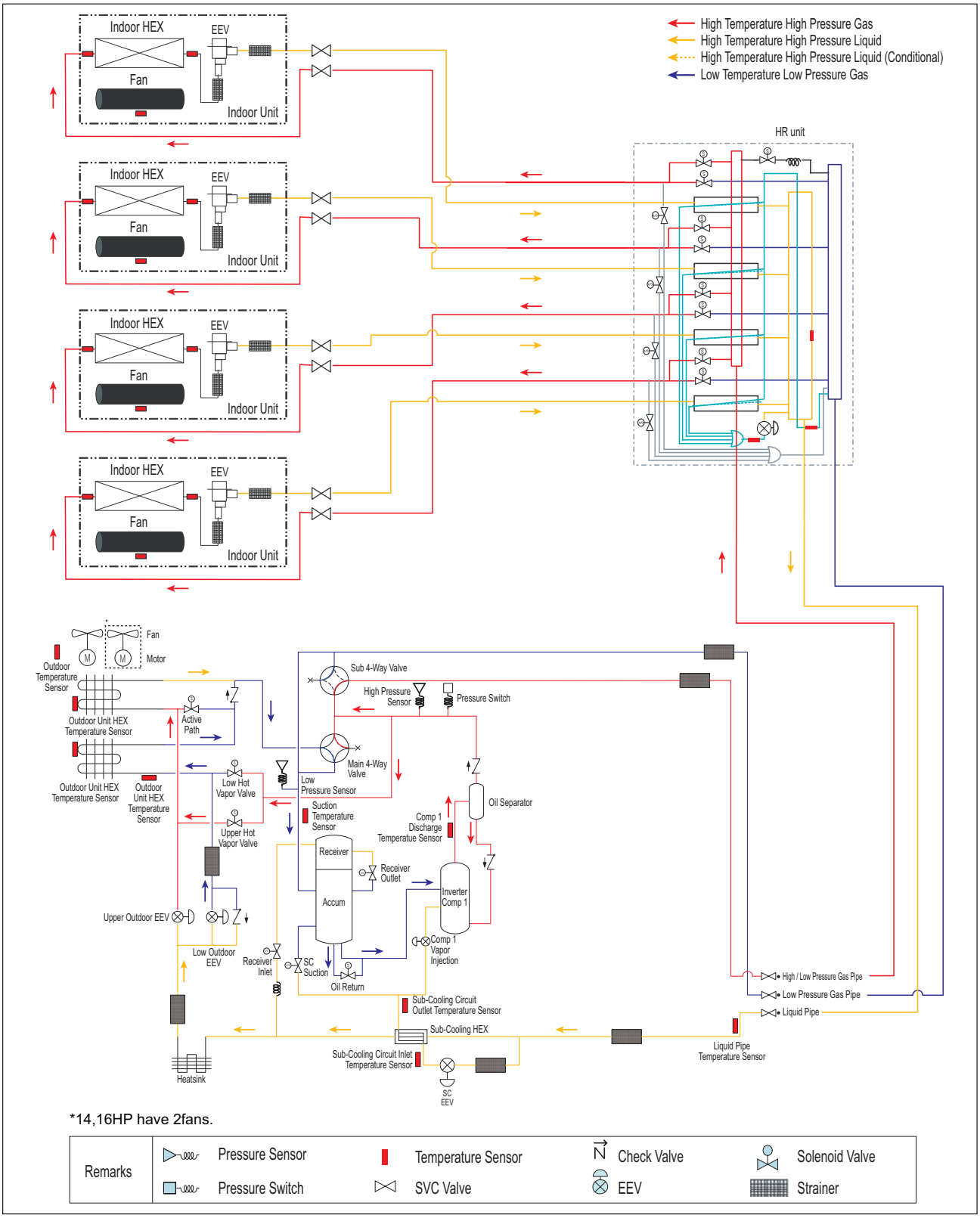
3. Piping Diagrams

■ Balanced Simultaneous Operation



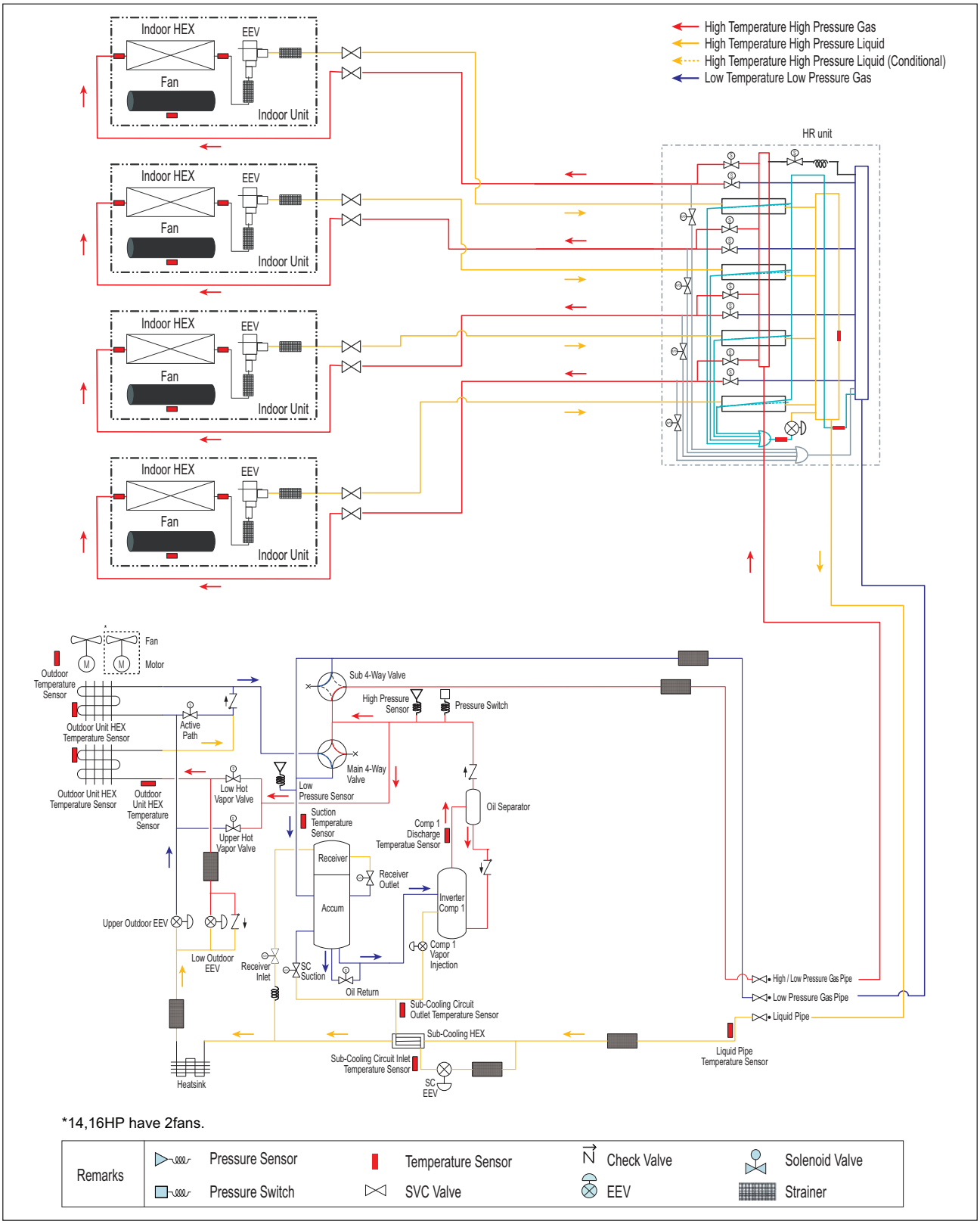
3. Piping Diagrams

■ Upper HEX Defrost Operation



3. Piping Diagrams

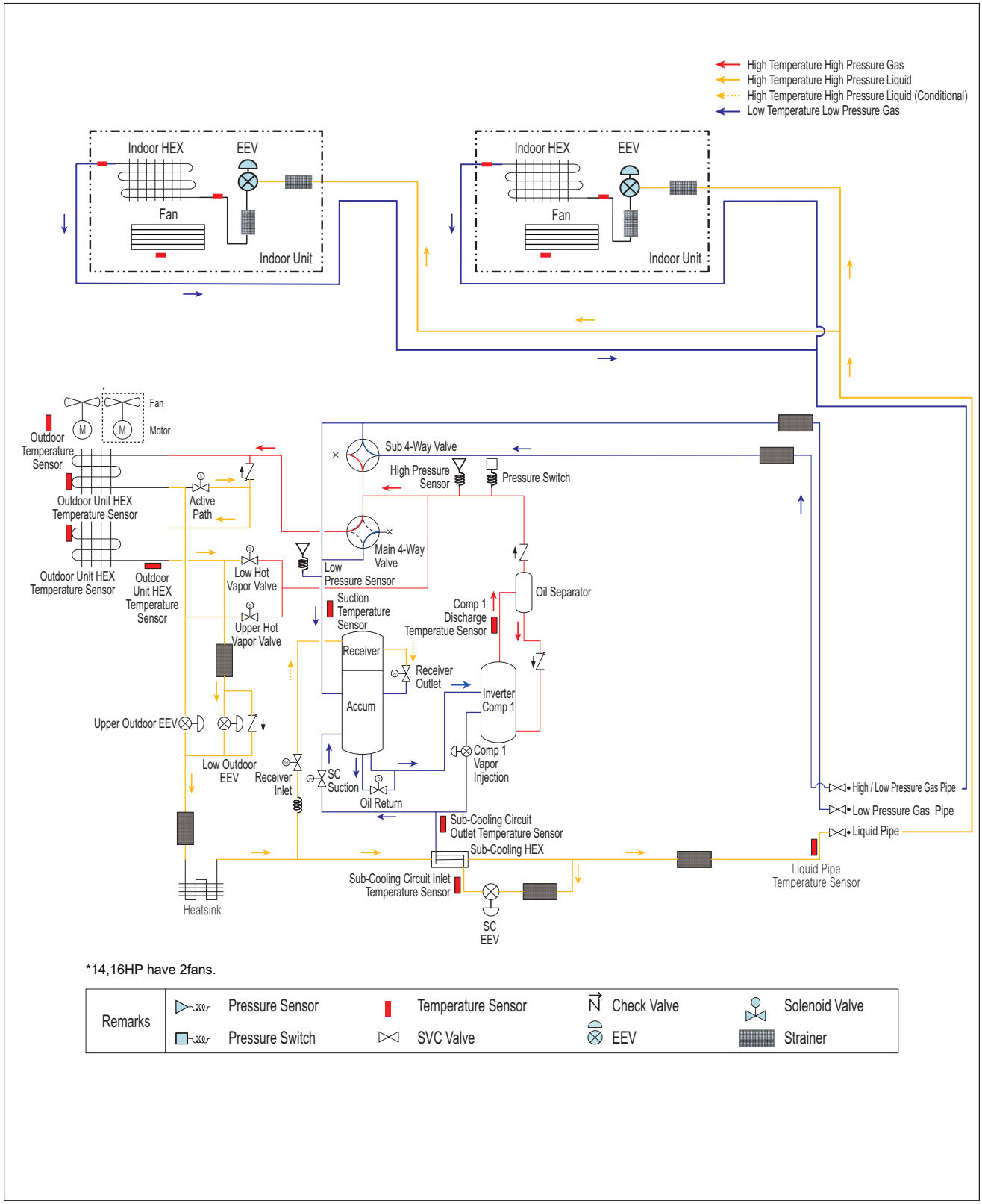
■ Low HEX Defrost Operation



3. Piping Diagrams

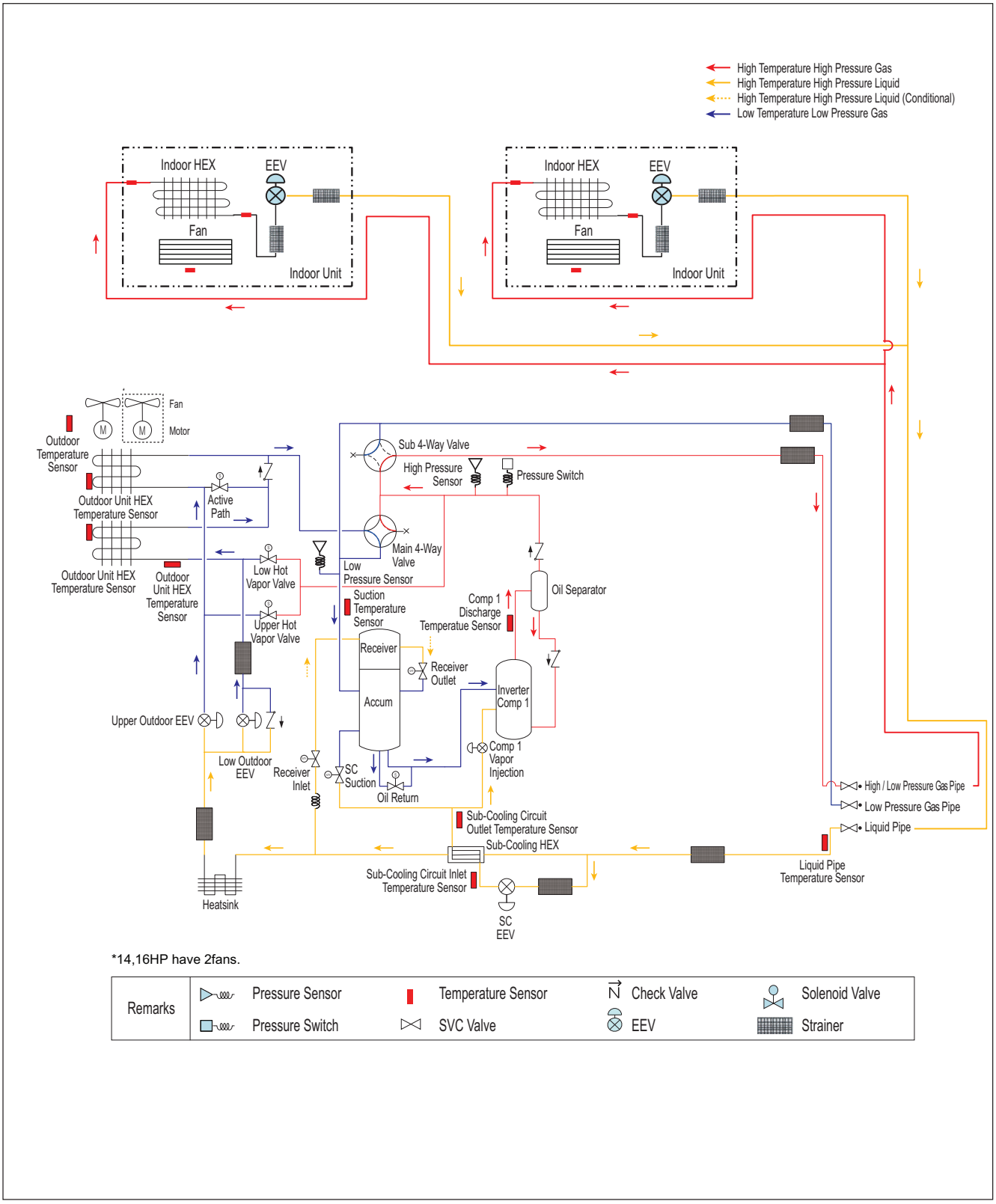
3.1.2 Heat Pump System

■ Cooling Operation



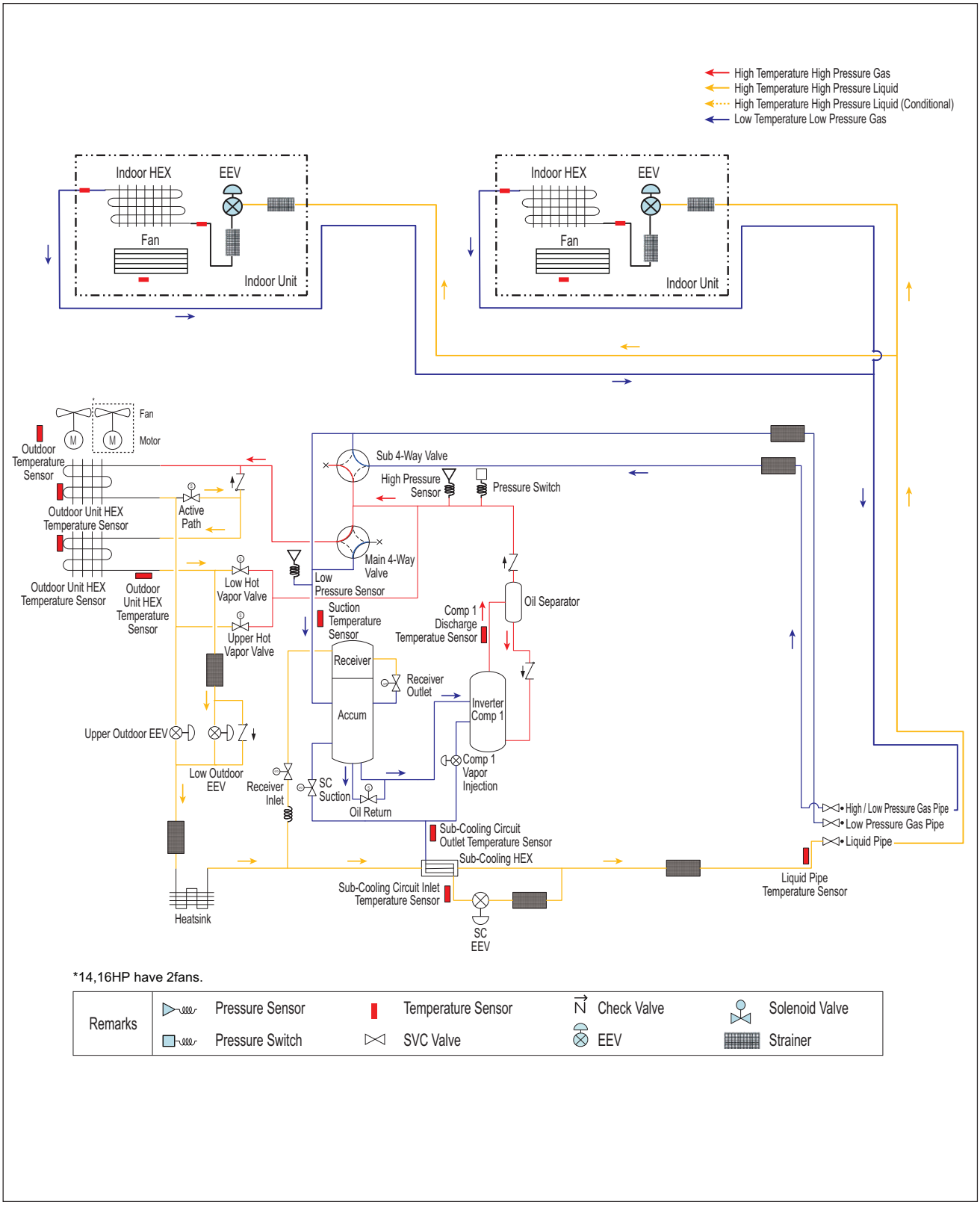
3. Piping Diagrams

■ Heating Operation



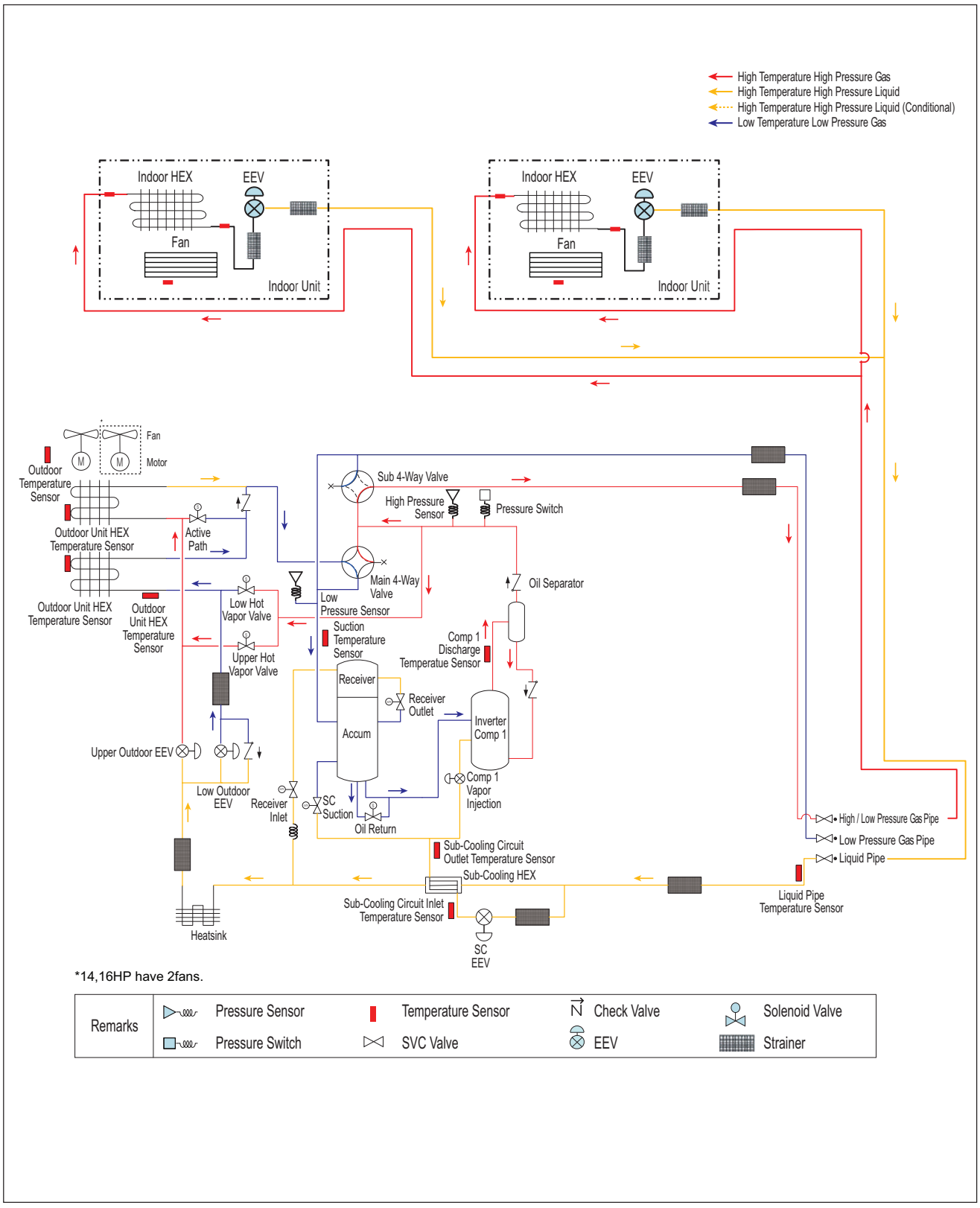
3. Piping Diagrams

■ Oil Return/ Defrost Operation



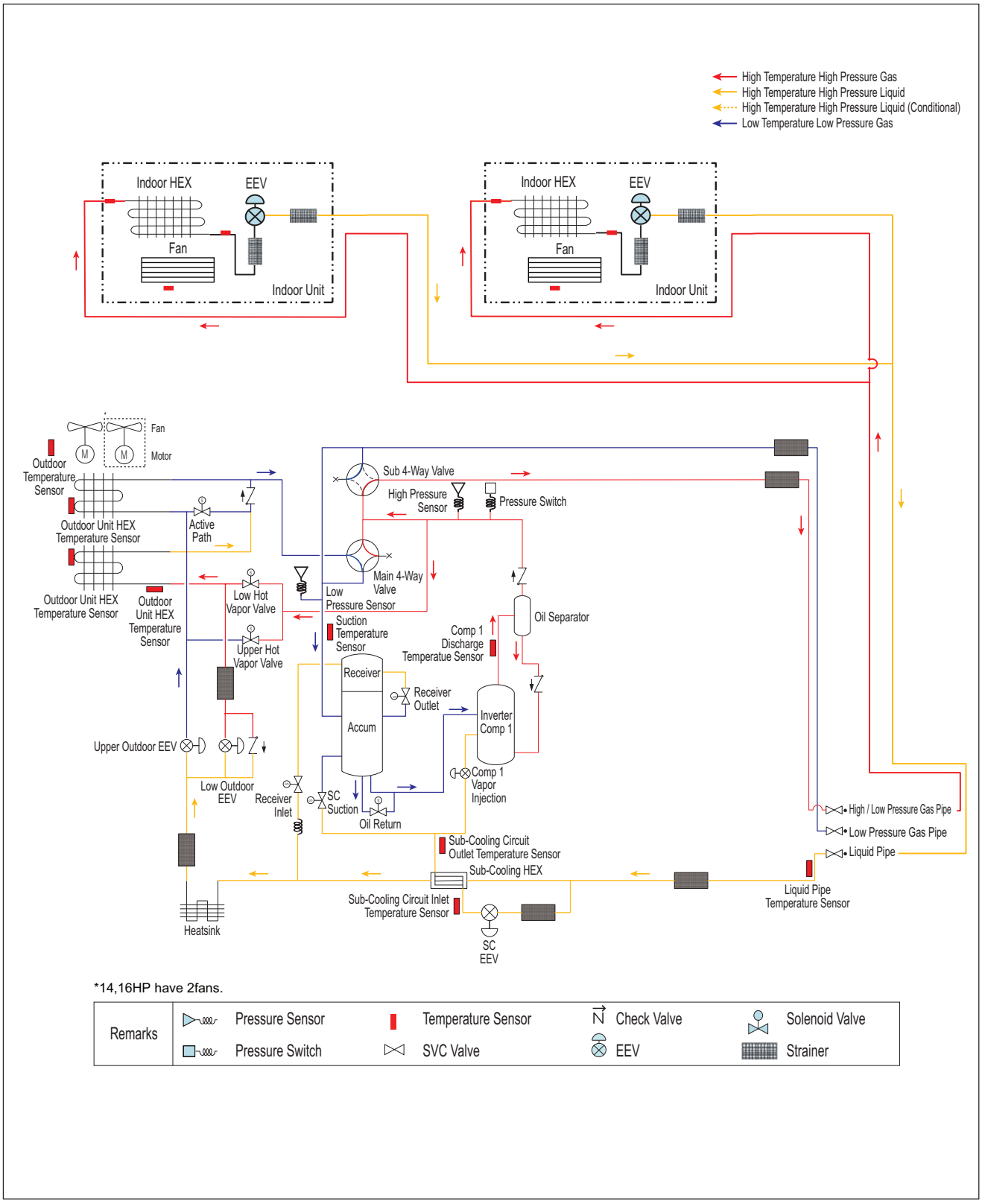
3. Piping Diagrams

■ Upper HEX Defrost Operation



3. Piping Diagrams

■ Low HEX Defrost Operation

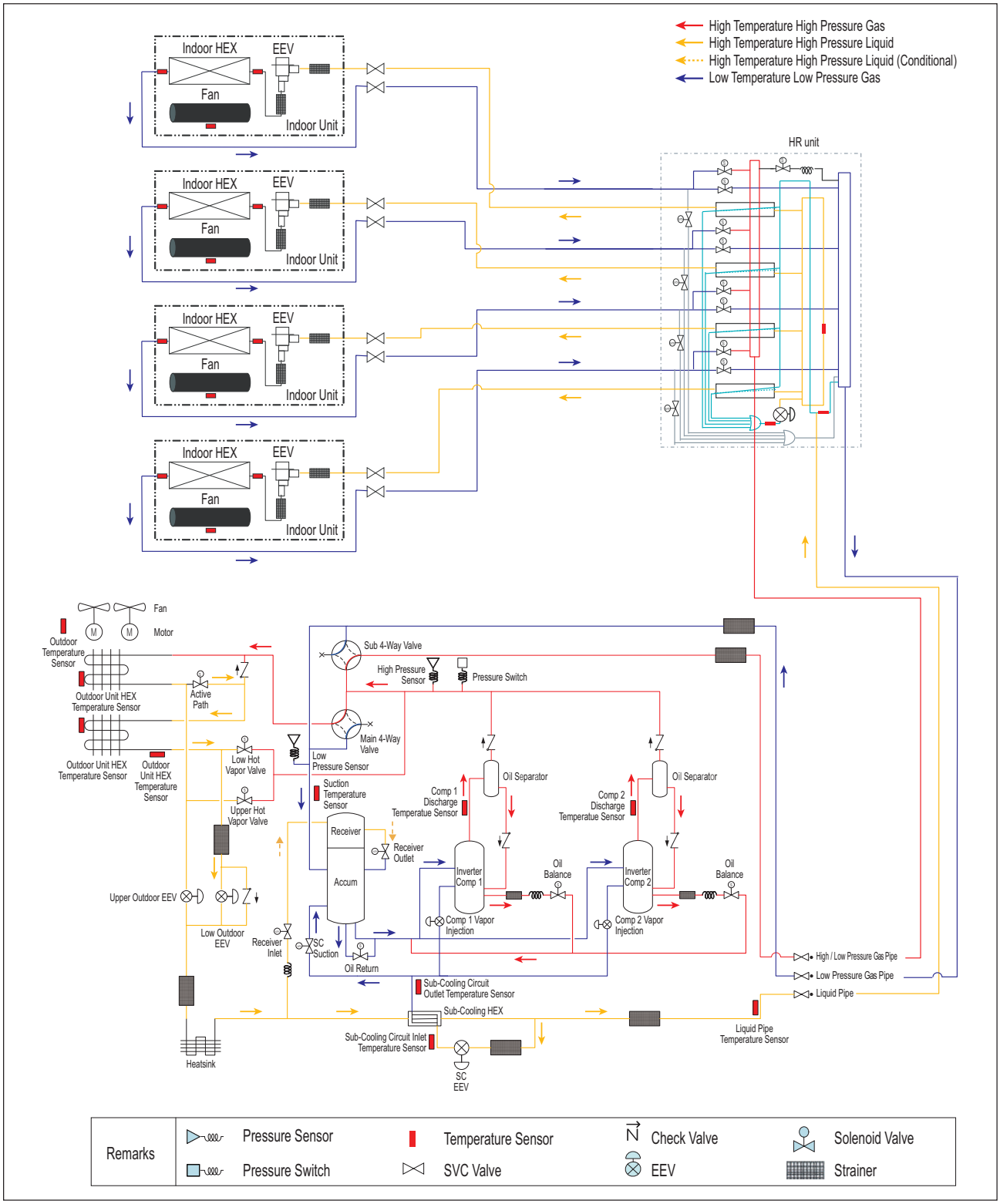


3. Piping Diagrams

3.2 18 / 20 HP (2 Comp)

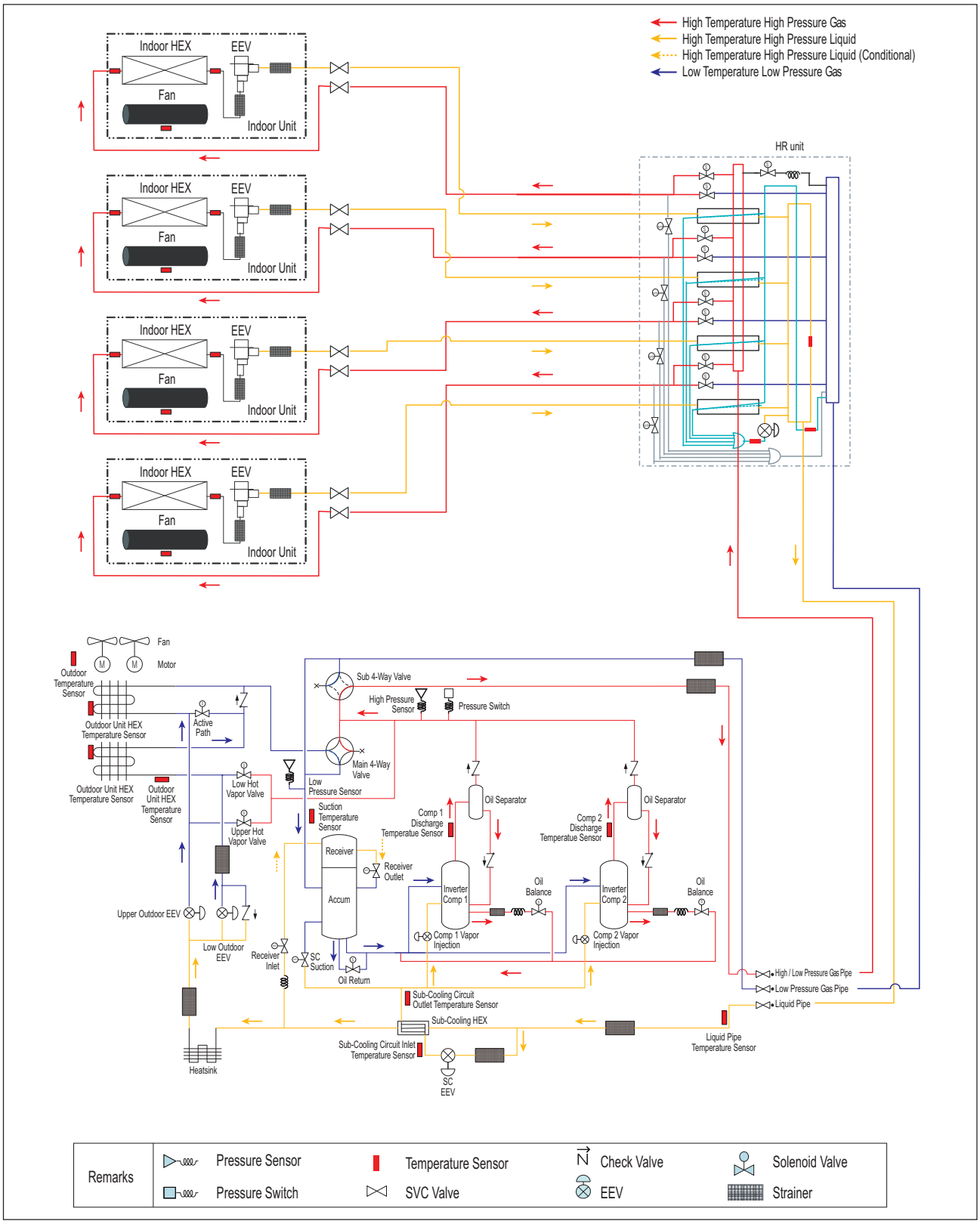
3.2.1 Heat Recovery System

■ Cooling Operation



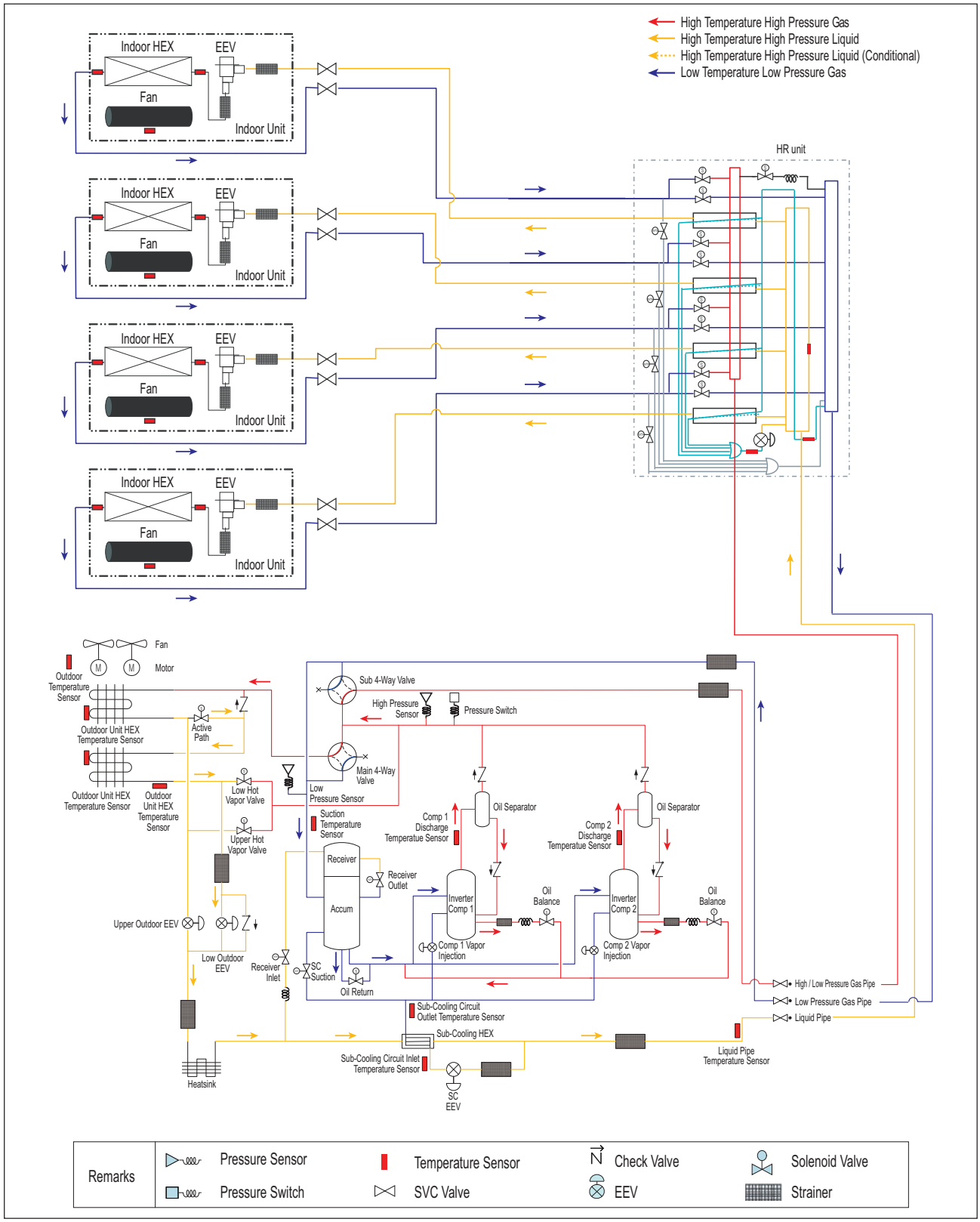
3. Piping Diagrams

■ Heating Operation



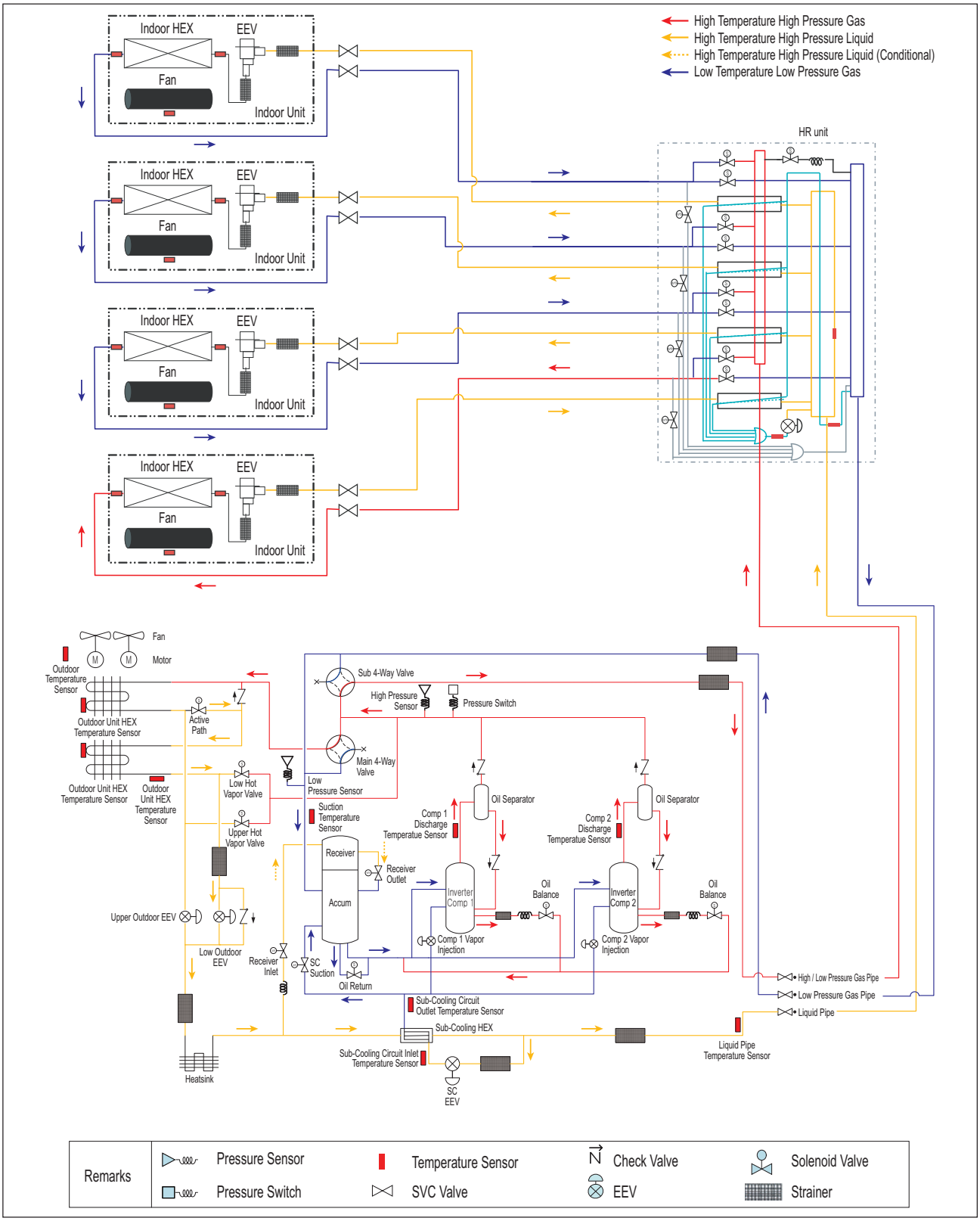
3. Piping Diagrams

■ Oil Return/ Defrost Operation



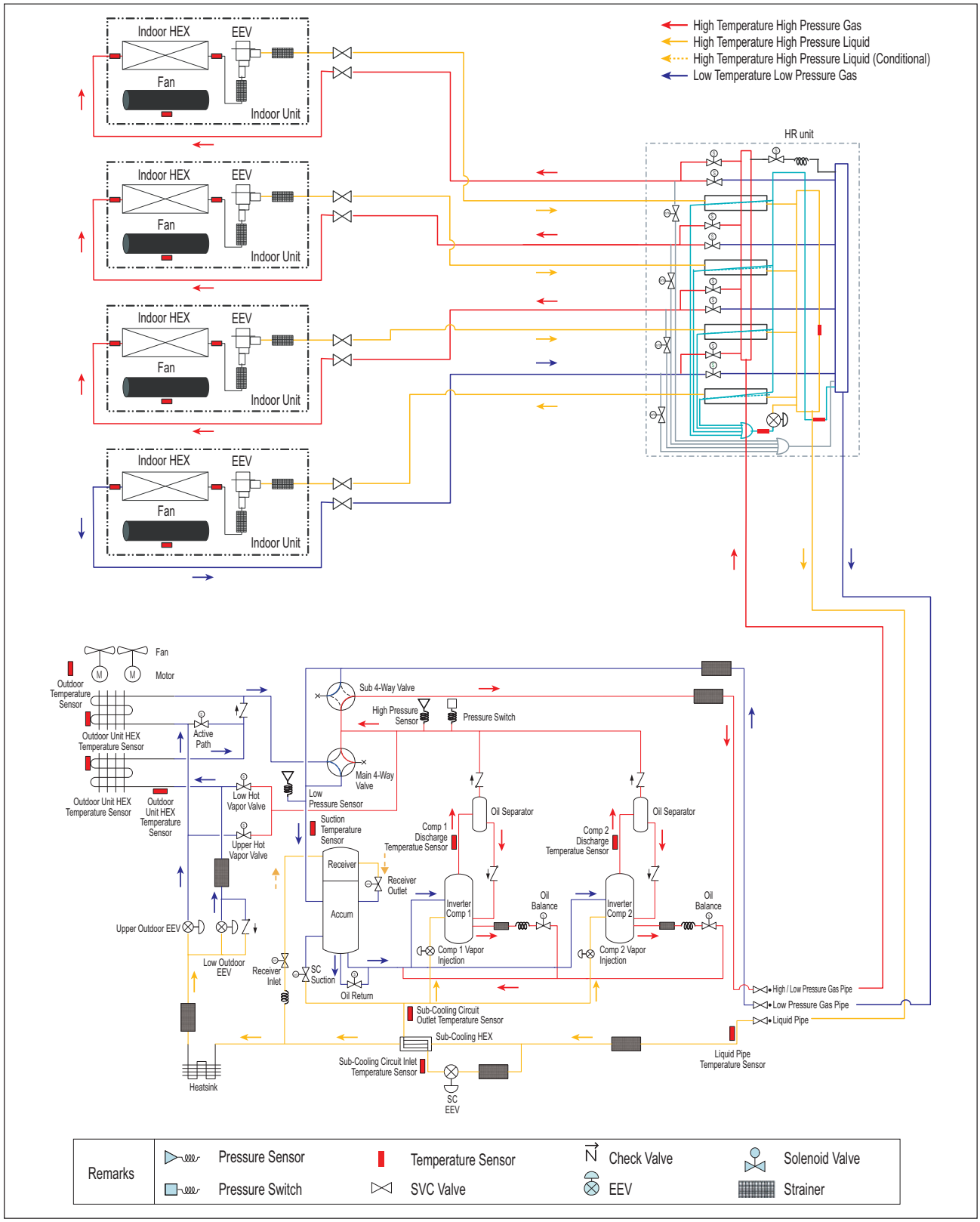
3. Piping Diagrams

■ Cooling-based Simultaneous Operation



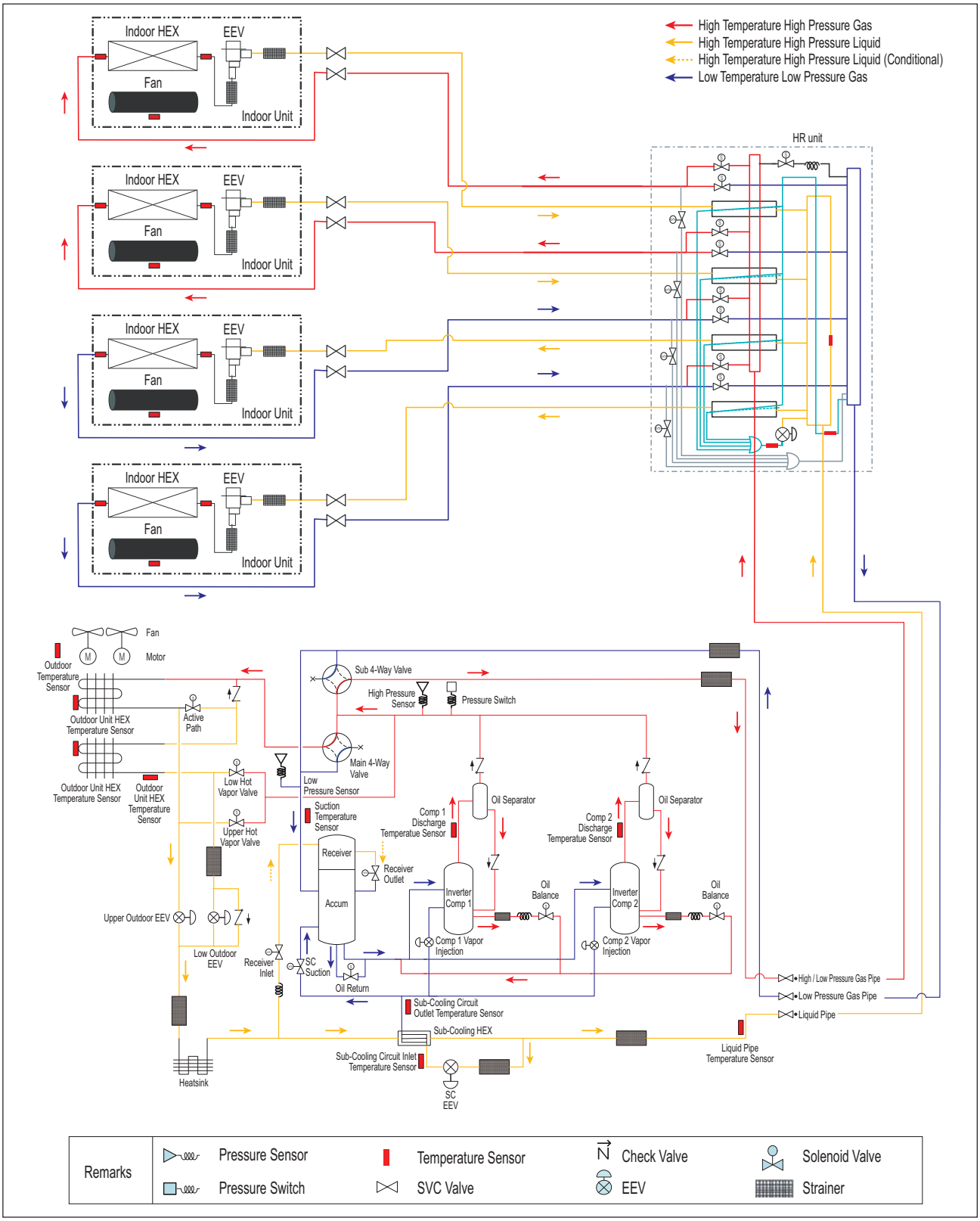
3. Piping Diagrams

■ Heating-based Simultaneous Operation



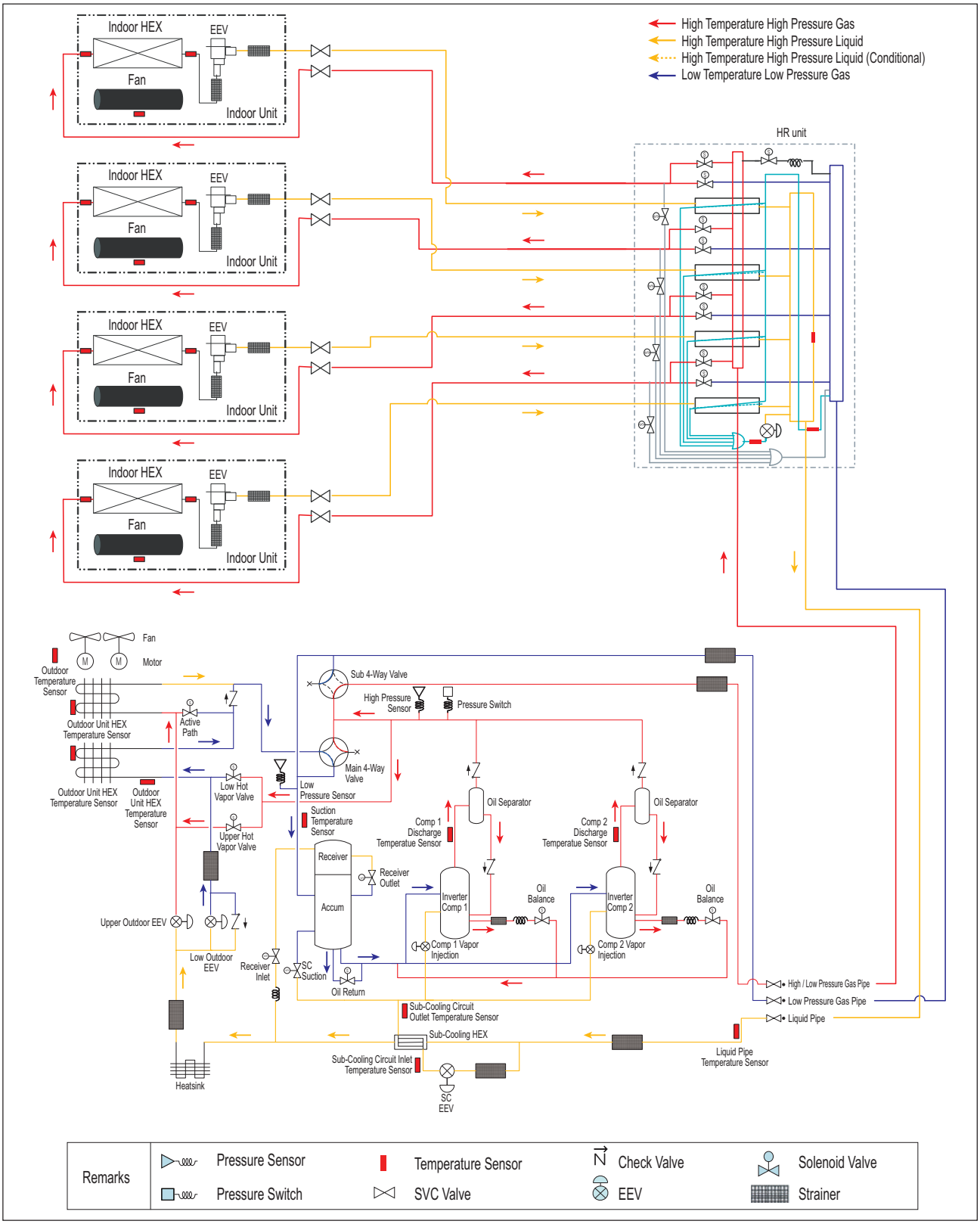
3. Piping Diagrams

■ Balanced Simultaneous Operation



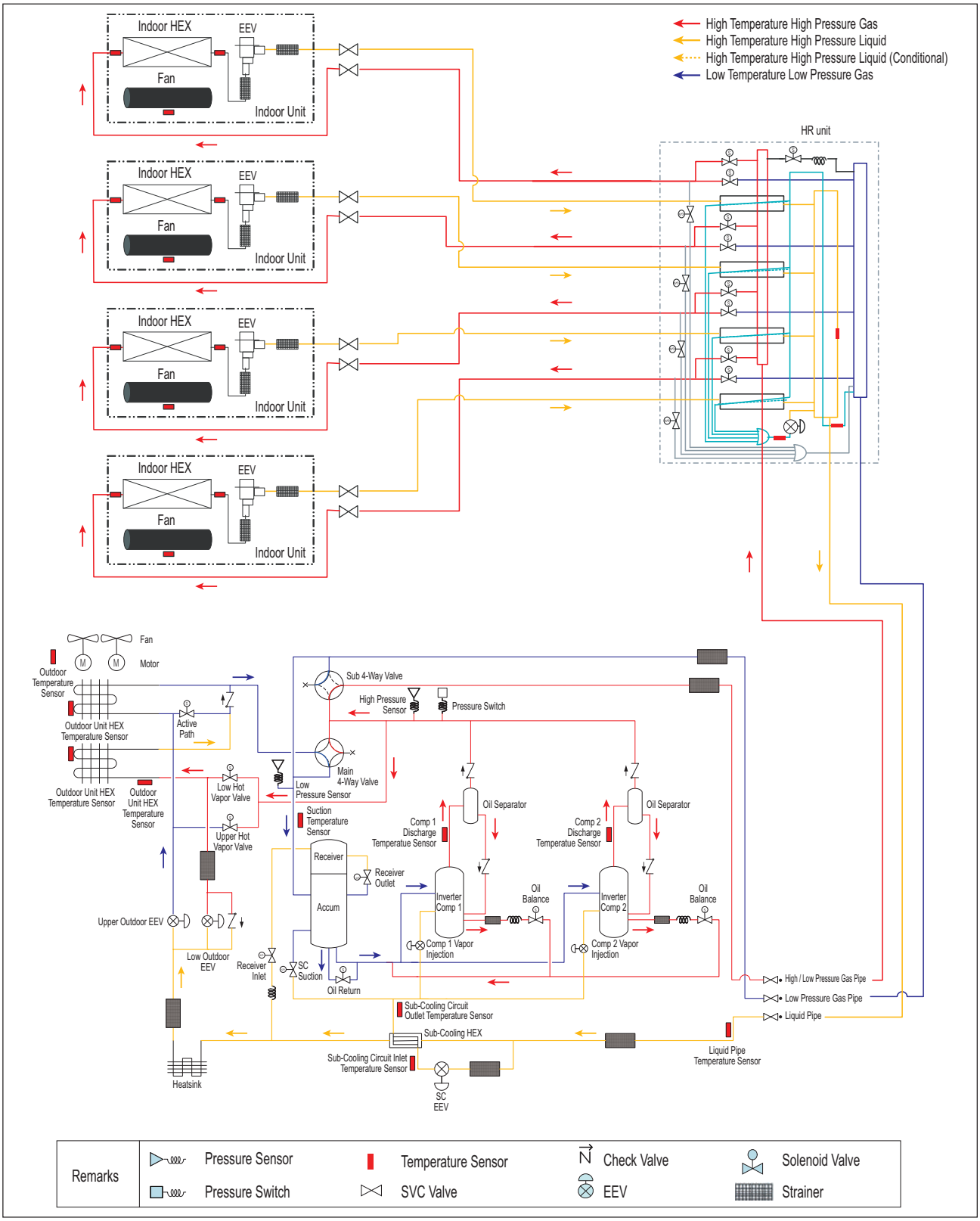
3. Piping Diagrams

■ Upper HEX Defrost Operation



3. Piping Diagrams

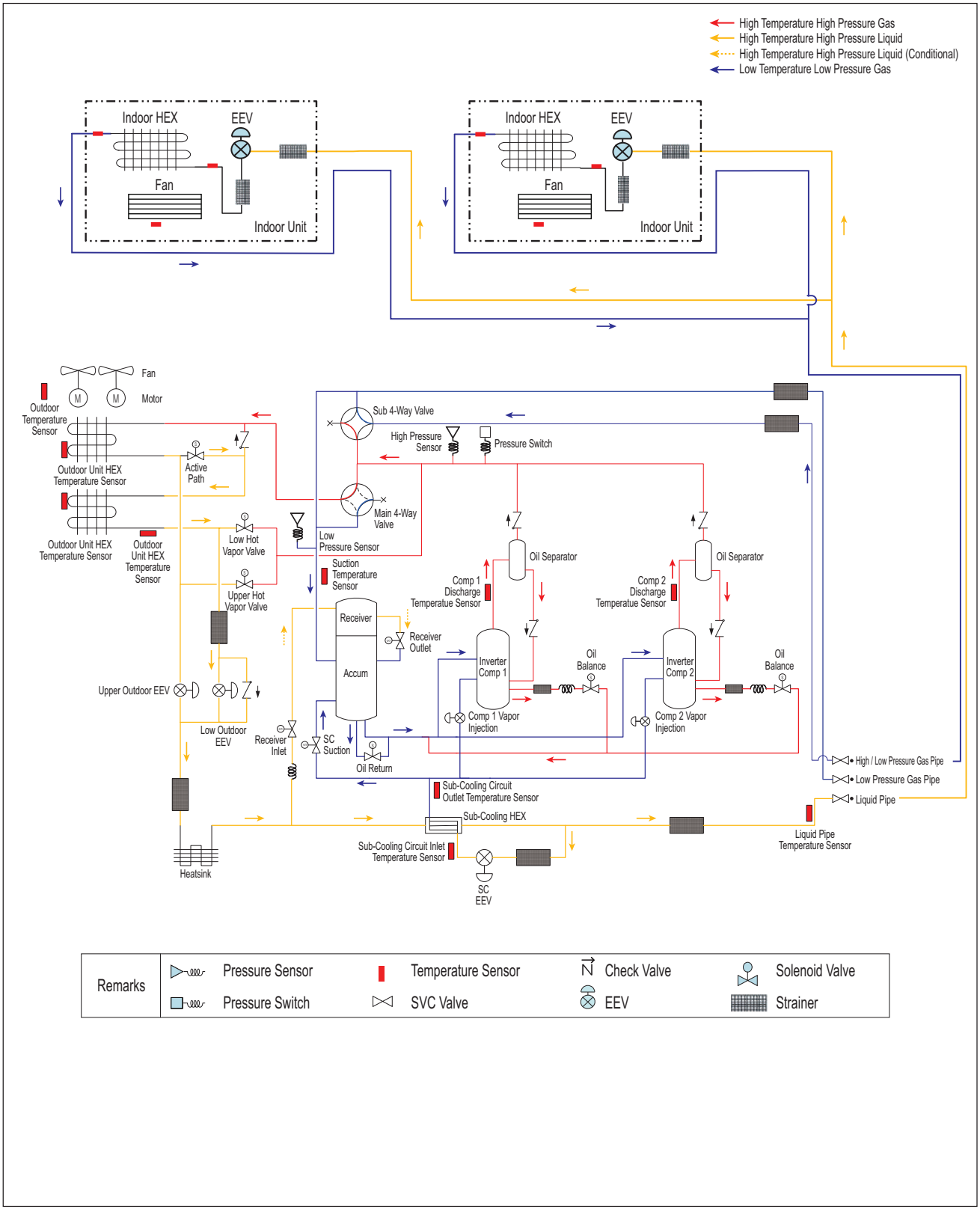
■ Low HEX Defrost Operation



3. Piping Diagrams

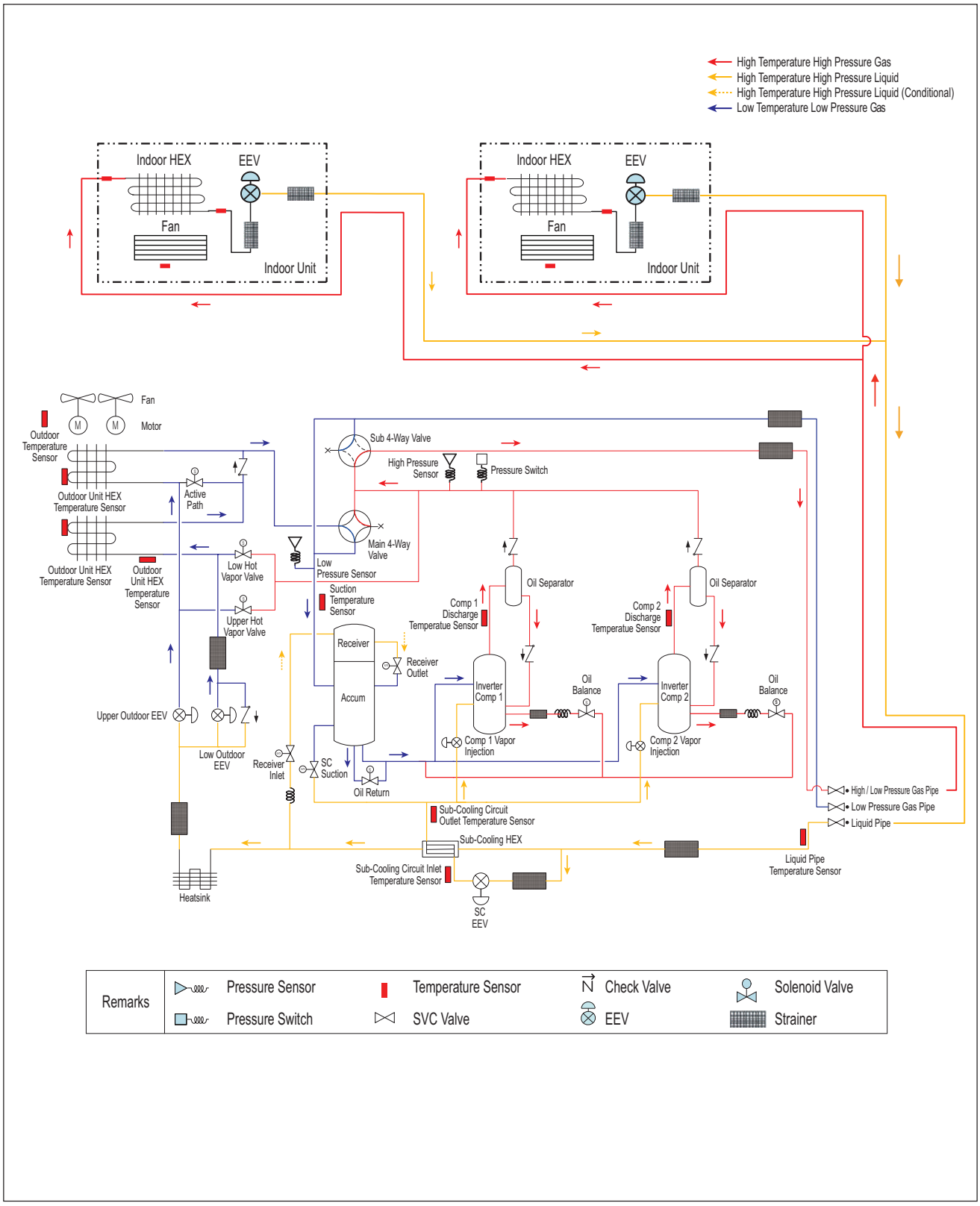
3.2.2 Heat Pump System

■ Cooling Operation



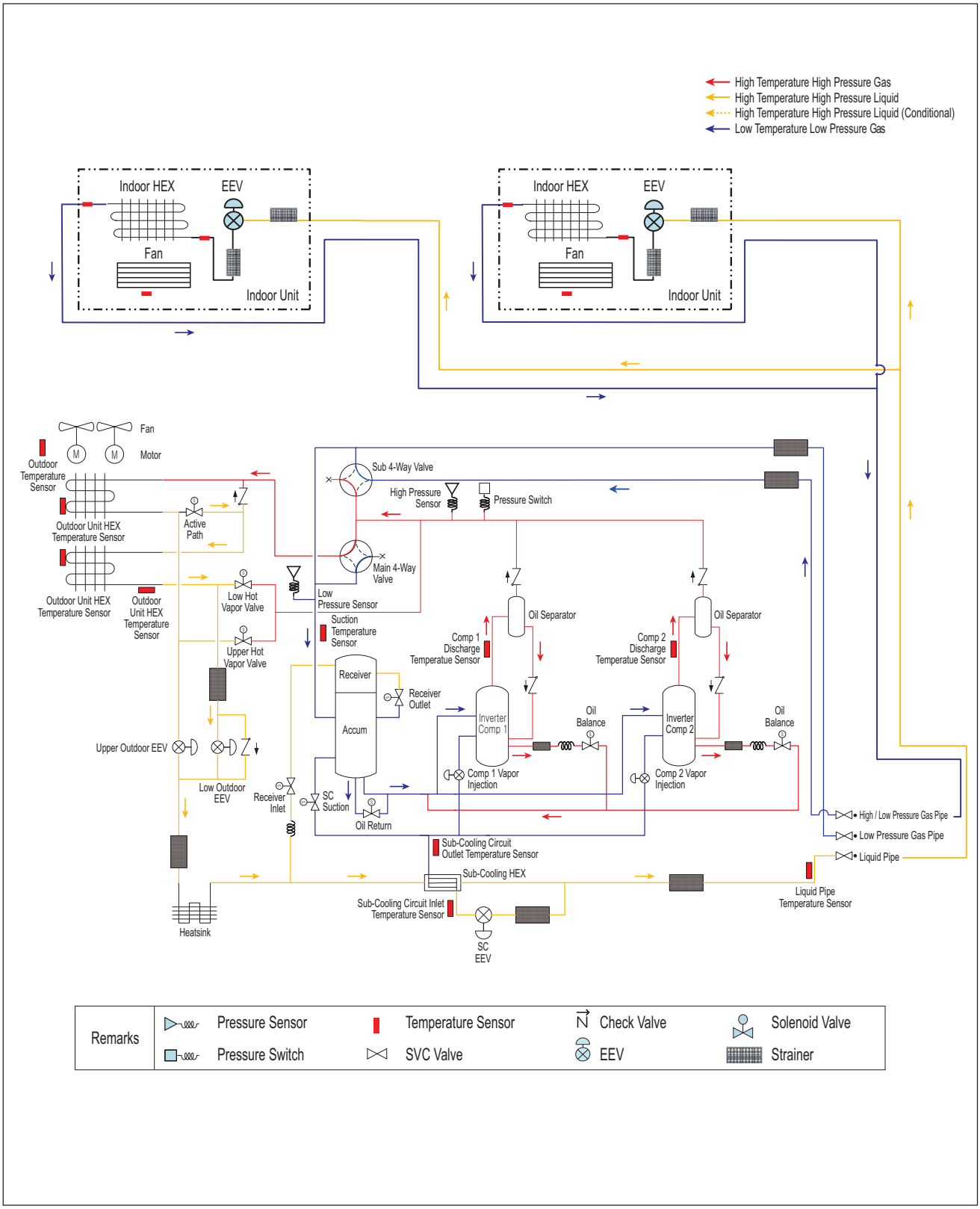
3. Piping Diagrams

Heating Operation



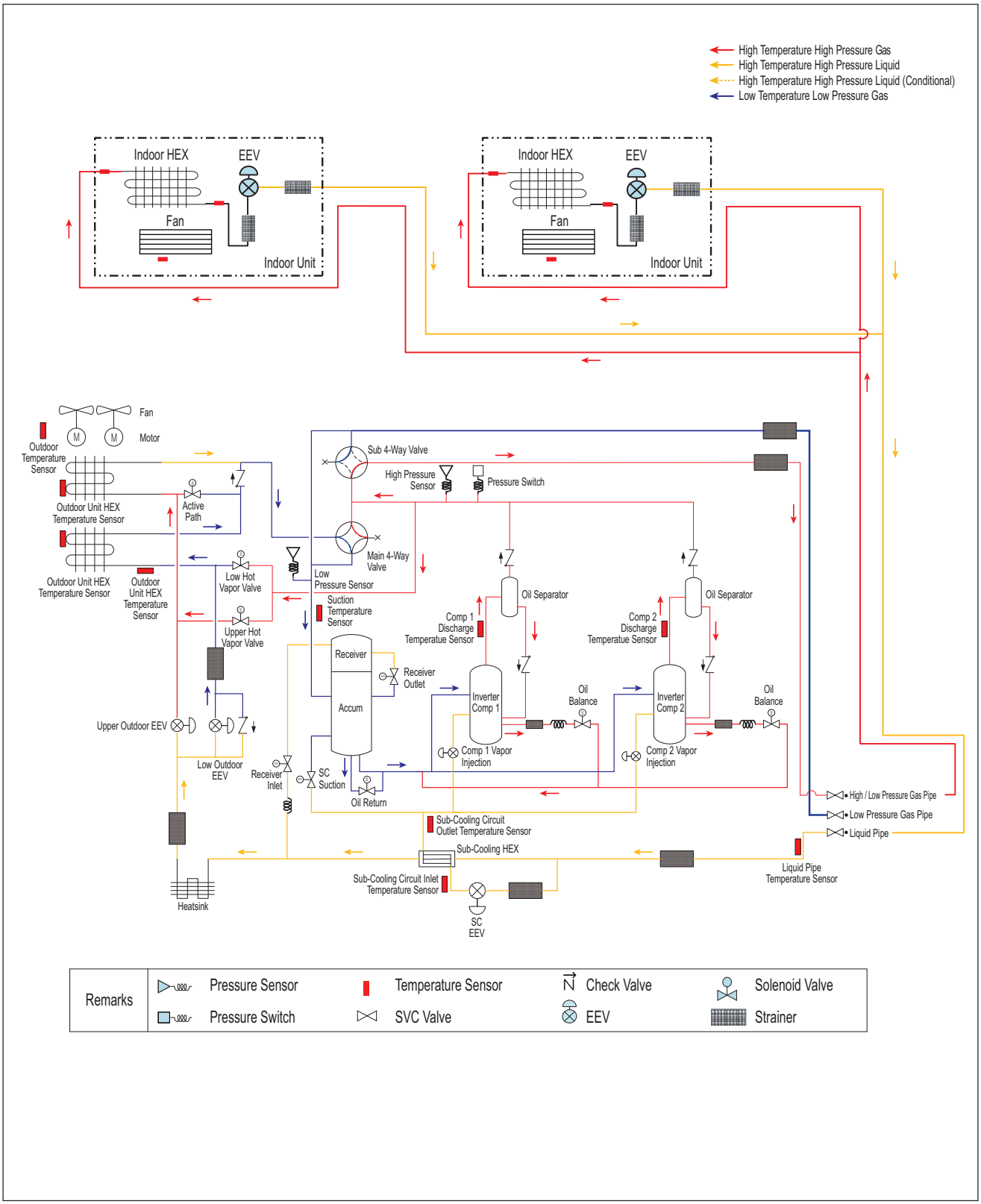
3. Piping Diagrams

■ Oil Return/ Defrost Operation



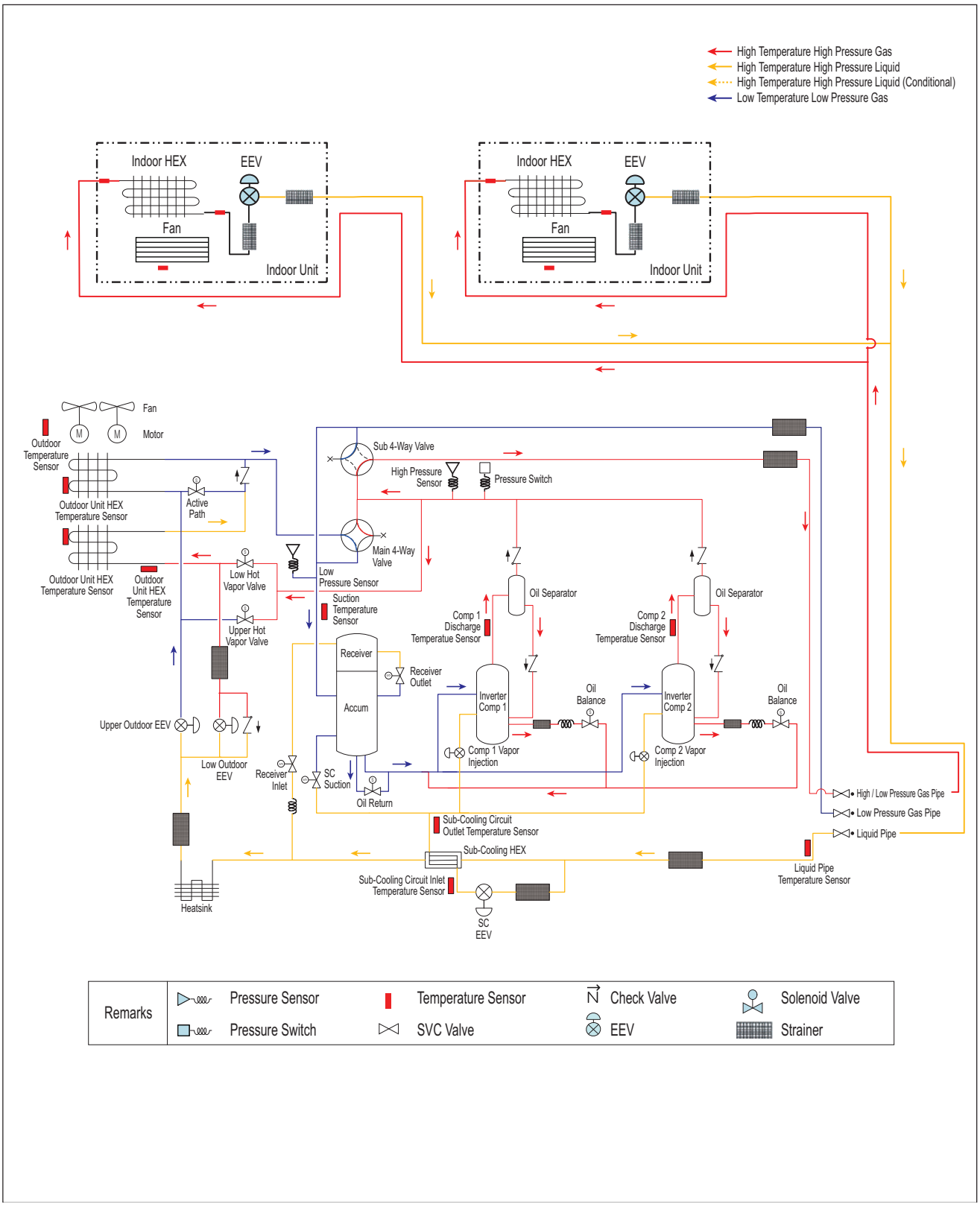
3. Piping Diagrams

■ Upper HEX Defrost Operation



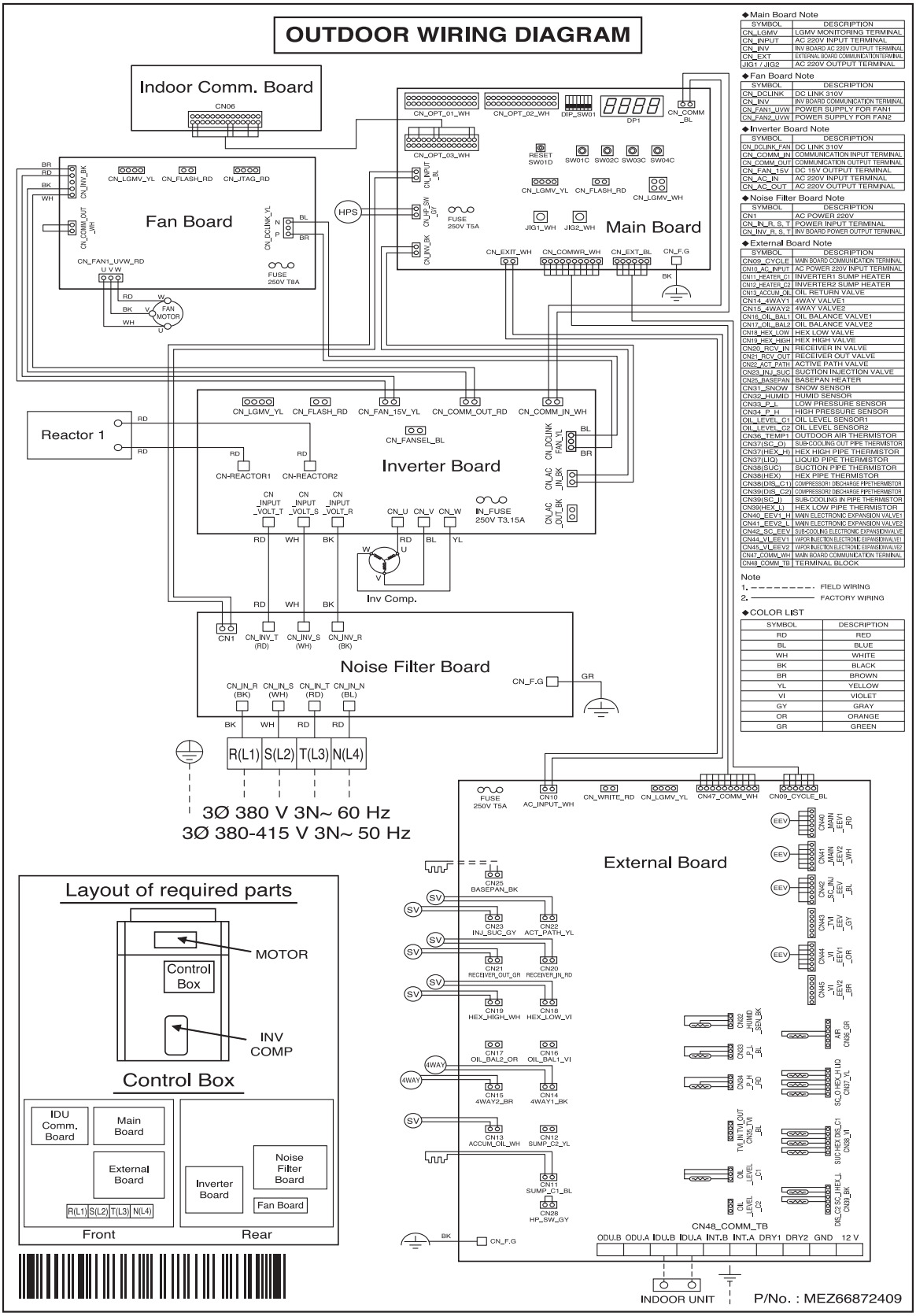
3. Piping Diagrams

■ Low HEX Defrost Operation



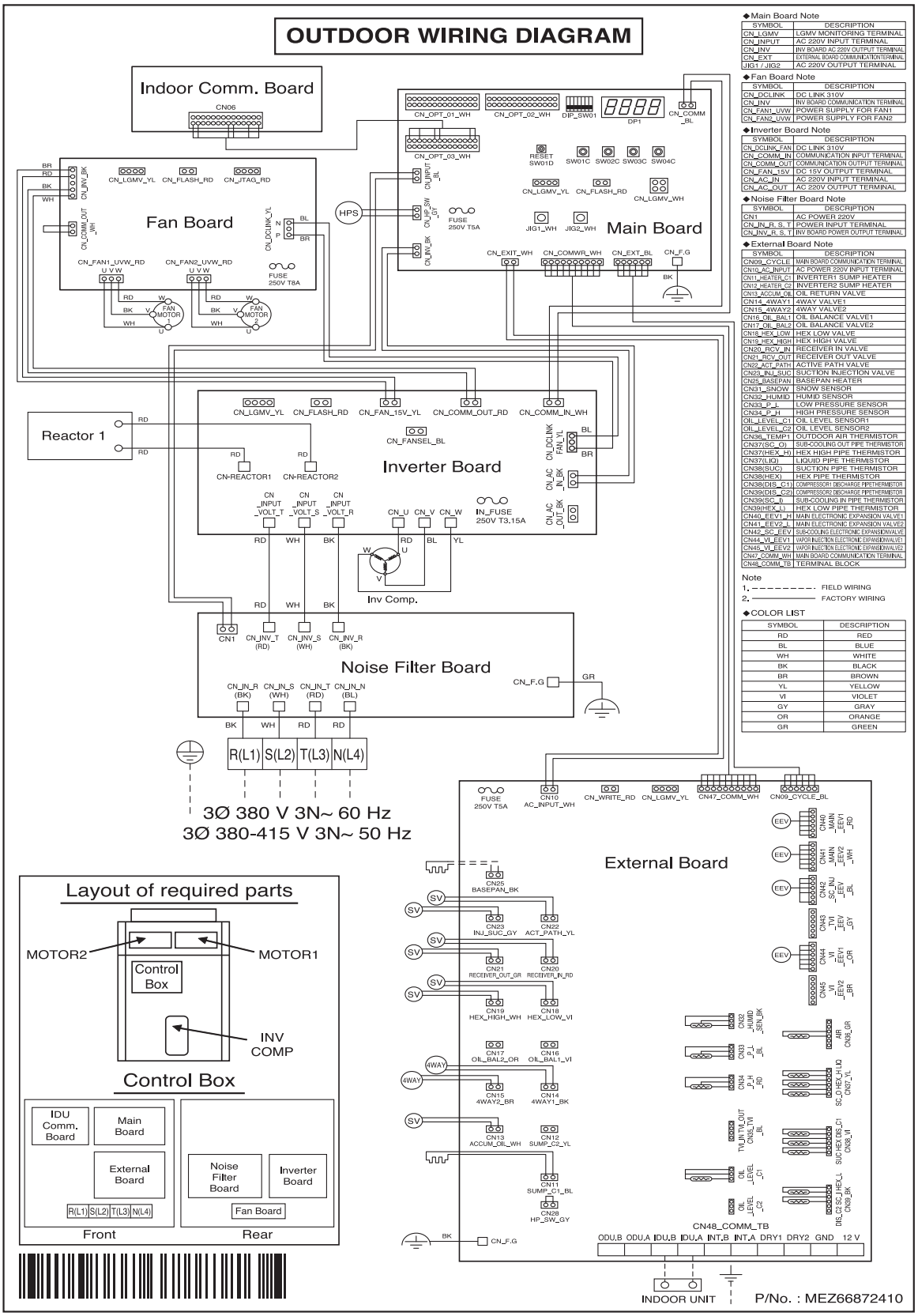
4. Wiring Diagrams

4.1 8 / 10 / 12 HP (UXA, 1 Comp)



4. Wiring Diagrams

4.2 14 / 16 HP (UXB, 1 Comp)



◆Main Board Note

SYMBOL	DESCRIPTION
CN_LGMV	LGMV MONITORING TERMINAL
CN_INPUT	AC 220V INPUT TERMINAL
CN_INV	INV BOARD AC 220V OUTPUT TERMINAL
CN_EXT	EXTERNAL BOARD COMMUNICATIONTERMINAL
JIG1 / JIG2	AC 220V OUTPUT TERMINAL

◆Fan Board Note

SYMBOL	DESCRIPTION
CN_DCLINK	DC LINK 310V
CN_INV	INV BOARD COMMUNICATION TERMINAL
CN_FAN1_UVW	POWER SUPPLY FOR FAN1
CN_FAN2_UVW	POWER SUPPLY FOR FAN2

◆Inverter Board Note

SYMBOL	DESCRIPTION
CN_DCLINK_FAN	DC LINK 310V
CN_COMM_IN	COMMUNICATION INPUT TERMINAL
CN_COMM_OUT	COMMUNICATION OUTPUT TERMINAL
CN_FAN_15V	DC 15V OUTPUT TERMINAL
CN_AC_IN	AC 220V INPUT TERMINAL
CN_AC_OUT	AC 220V OUTPUT TERMINAL

◆Noise Filter Board Note

SYMBOL	DESCRIPTION
CN1	AC POWER 220V
CN_IN_R, S, T	POWER INPUT TERMINAL
CN_INV_R, S, T	INV BOARD POWER OUTPUT TERMINAL

◆External Board Note

SYMBOL	DESCRIPTION
CN09_CYCLE	MAIN BOARD COMMUNICATION TERMINAL
CN10_AC_INPUT	AC POWER 220V INPUT TERMINAL
CN11_HEATER_C1	INVERTER1 SUMP HEATER
CN12_HEATER_C2	INVERTER2 SUMP HEATER
CN13_ACCUM_OIL	OIL RETURN VALVE
CN14_4WAY1	4WAY VALVE1
CN15_4WAY2	4WAY VALVE2
CN16_OIL_BAL1	OIL BALANCE VALVE1
CN17_OIL_BAL2	OIL BALANCE VALVE2
CN18_HEX_LOW	HEX LOW VALVE
CN19_HEX_HIGH	HEX HIGH VALVE
CN20_RCV_IN	RECEIVER IN VALVE
CN21_RCV_OUT	RECEIVER OUT VALVE
CN22_ACT_PATH	ACTIVE PATH VALVE
CN23_INJ_SUC	SUCTION INJECTION VALVE
CN25_BASEPAN	BASEPAN HEATER
CN31_SNOW	SNOW SENSOR
CN32_HUMID	HUMID SENSOR
CN33_P_L	LOW PRESSURE SENSOR
CN34_P_H	HIGH PRESSURE SENSOR
OIL_LEVEL_C1	OIL LEVEL SENSOR1
OIL_LEVEL_C2	OIL LEVEL SENSOR2
CN36_TEMP1	OUTDOOR AIR THERMISTOR
CN37(SC_O)	SUB-COOLING OUT PIPE THERMISTOR
CN37(HEX_H)	HEX HIGH PIPE THERMISTOR
CN37(LIQ)	LIQUID PIPE THERMISTOR
CN38(SUC)	SUCTION PIPE THERMISTOR
CN38(HEX)	HEX PIPE THERMISTOR
CN39(DIS_C1)	COMPRESSOR1 DISCHARGE PIPETHERMISTOR
CN39(DIS_C2)	COMPRESSOR2 DISCHARGE PIPETHERMISTOR
CN39(SC_I)	SUB-COOLING IN PIPE THERMISTOR
CN39(HEX_L)	HEX LOW PIPE THERMISTOR
CN40_EEV1_H	MAIN ELECTRONIC EXPANSION VALVE1
CN41_EEV2_L	MAIN ELECTRONIC EXPANSION VALVE2
CN42_SC_EEV	SUB-COOLING ELECTRONIC EXPANSIONVALVE
CN44_VI_EEV1	VAPOR INJECTION ELECTRONIC EXPANSIONVALVE1
CN45_VI_EEV2	VAPOR INJECTION ELECTRONIC EXPANSIONVALVE2
CN47_COMM_WH	MAIN BOARD COMMUNICATION TERMINAL
CN48_COMM_TB	TERMINAL BLOCK

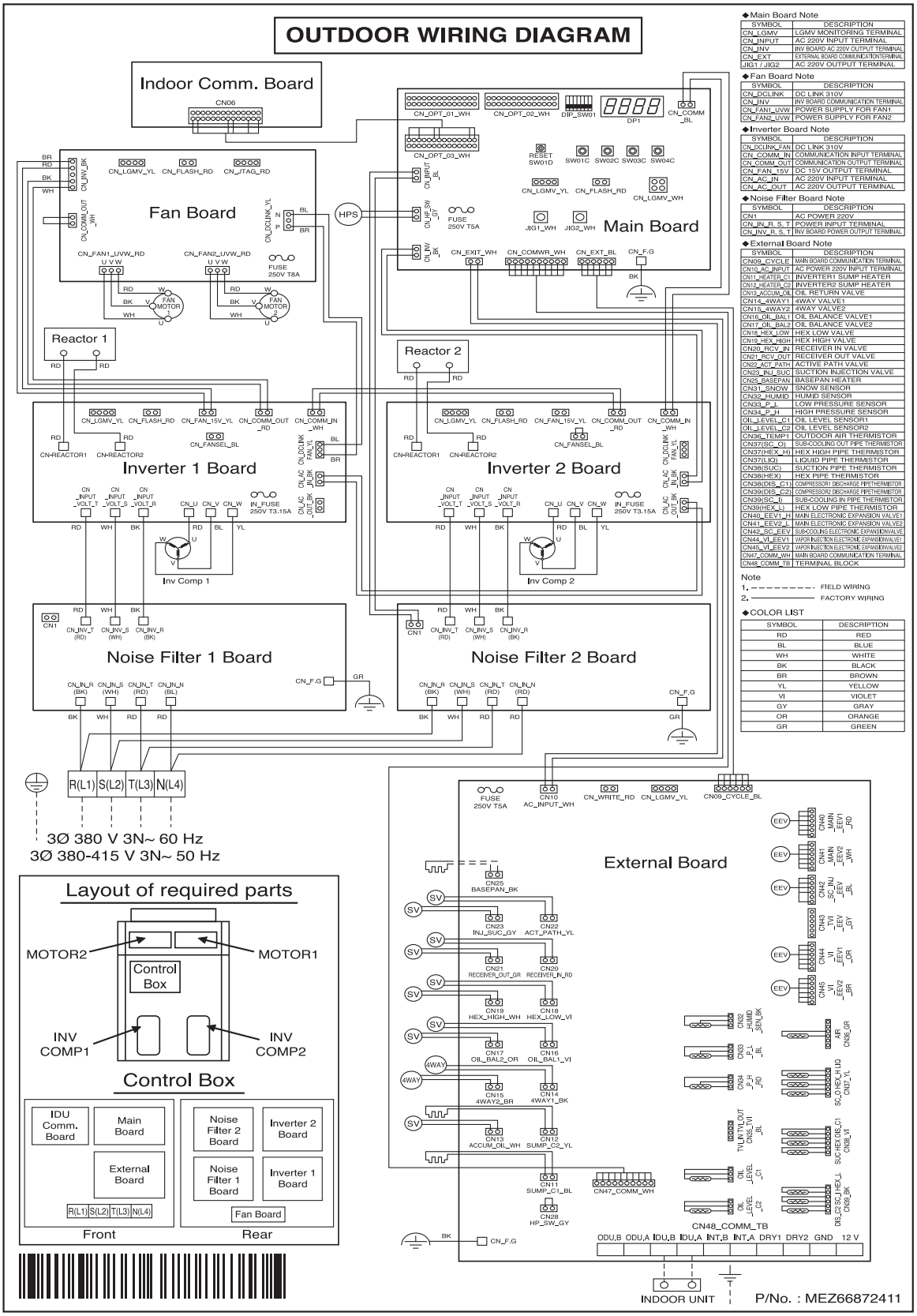
Note
1. - - - - - - - - FIELD WIRING
2. ———— FACTORY WIRING

◆COLOR LIST

SYMBOL	DESCRIPTION
RD	RED
BL	BLUE
WH	WHITE
BK	BLACK
BR	BROWN
YL	YELLOW
VI	VIOLET
GY	GRAY
OR	ORANGE
GR	GREEN

4. Wiring Diagrams

4.3 18 / 20 HP (UXB, 2 Comp)



◆Main Board Note

SYMBOL	DESCRIPTION
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CN_INPUT	AC 220V INPUT TERMINAL
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◆Fan Board Note

SYMBOL	DESCRIPTION
CN_DCLINK	DC LINK 310V
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CN_FAN1_UVW	POWER SUPPLY FOR FAN1
CN_FAN2_UVW	POWER SUPPLY FOR FAN2

◆Inverter Board Note

SYMBOL	DESCRIPTION
CN_DCLINK_FAN	DC LINK 310V
CN_COMM_IN	COMMUNICATION INPUT TERMINAL
CN_COMM_OUT	COMMUNICATION OUTPUT TERMINAL
CN_FAN_15V	DC 15V OUTPUT TERMINAL
CN_AC_IN	AC 220V INPUT TERMINAL
CN_AC_OUT	AC 220V OUTPUT TERMINAL

◆Noise Filter Board Note

SYMBOL	DESCRIPTION
CN1	AC POWER 220V
CN_IN_R, S, T	POWER INPUT TERMINAL
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◆External Board Note

SYMBOL	DESCRIPTION
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CN38(HEX)	HEX PIPE THERMISTOR
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CN45_VI_EEV2	VAPOR INJECTION ELECTRONIC EXPANSIONVALVE2
CN47_COMM_WH	MAIN BOARD COMMUNICATION TERMINAL
CN48_COMM_TB	TERMINAL BLOCK

Note
1. ---------- FIELD WIRING
2. ———— FACTORY WIRING

◆COLOR LIST

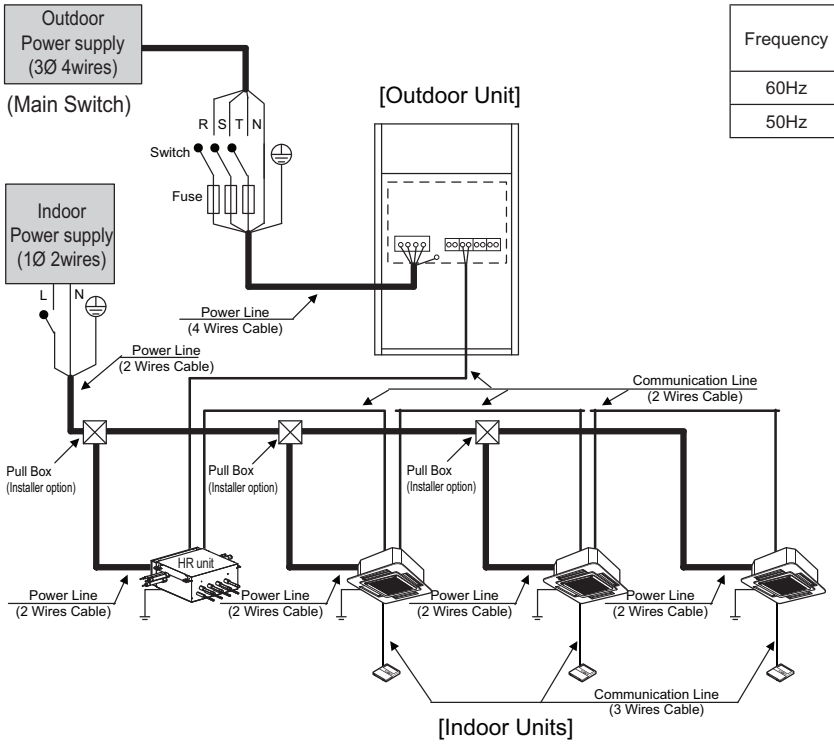
SYMBOL	DESCRIPTION
RD	RED
BL	BLUE
WH	WHITE
BK	BLACK
BR	BROWN
YL	YELLOW
VI	VIOLET
GY	GRAY
OR	ORANGE
GR	GREEN

5. Field Wiring

5.1 Heat Recovery System

■ Example Connection of Power & Communication Cable

◆ Single Outdoor Unit



Frequency	Voltage range(V)	
	Outdoor	Indoor
60Hz	380	220
50Hz	380-415	220-240

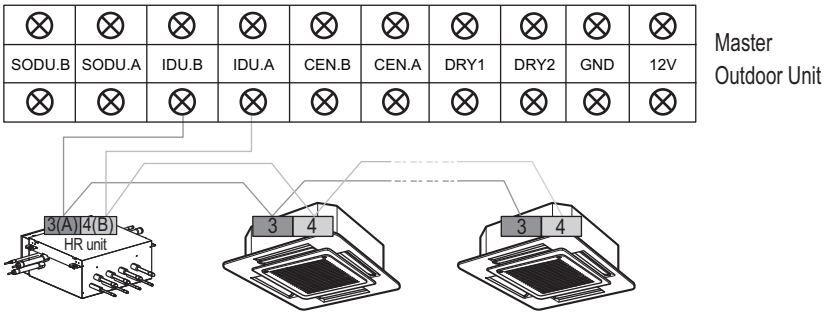
⚠ WARNING

- **Indoor Unit ground Lines are required for preventing electrical shock accident during current leakage, Communication disorder by noise effect and motor current leakage (without connection to pipe).**
- **Don't install an individual switch or electrical outlet to disconnect each of indoor unit separately from the power supply.**

  If individual power supply is necessary for each indoor unit, IPM (Independent Power Module) should be applied at each indoor unit. (optional)
- **Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.**
- **If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.**

  Running the product in reversed phase may break the compressor and other parts.

Between Indoor and Master Outdoor unit

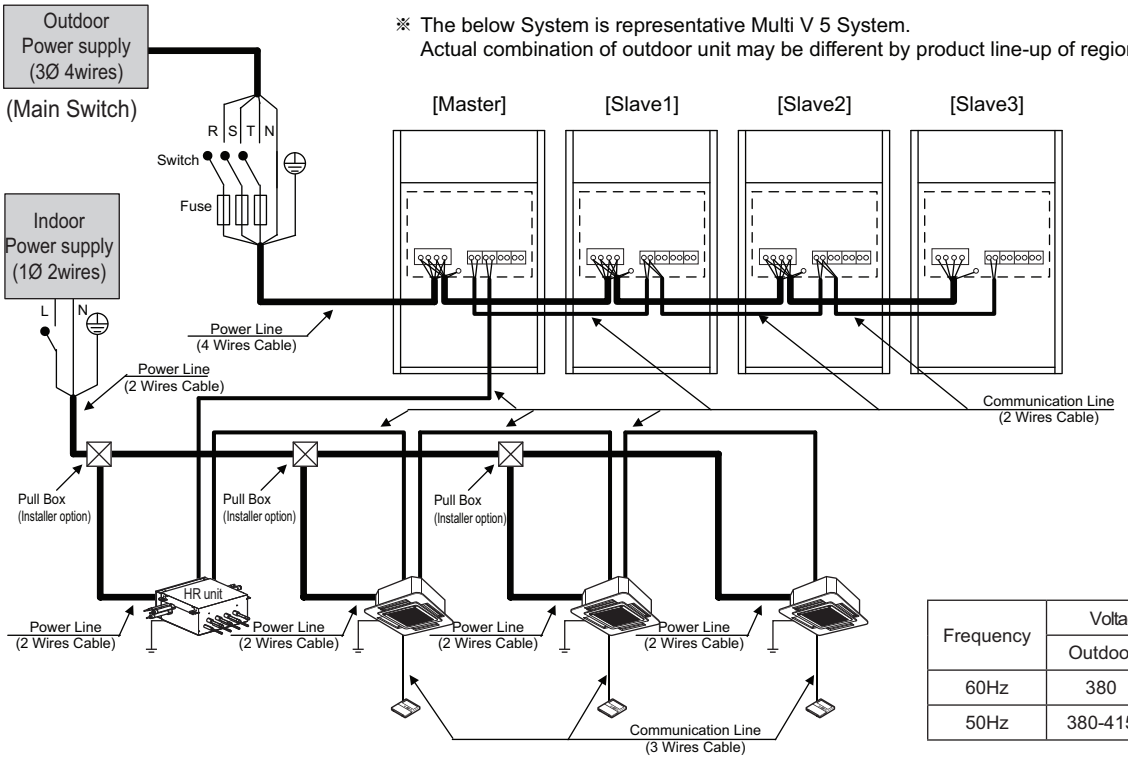


The GND terminal at the main PCB is a '-' terminal for day contact, it is not the point to make ground connection.

5. Field Wiring

■ Series Outdoor Unit

◆ When the power source is connected In series between the units.



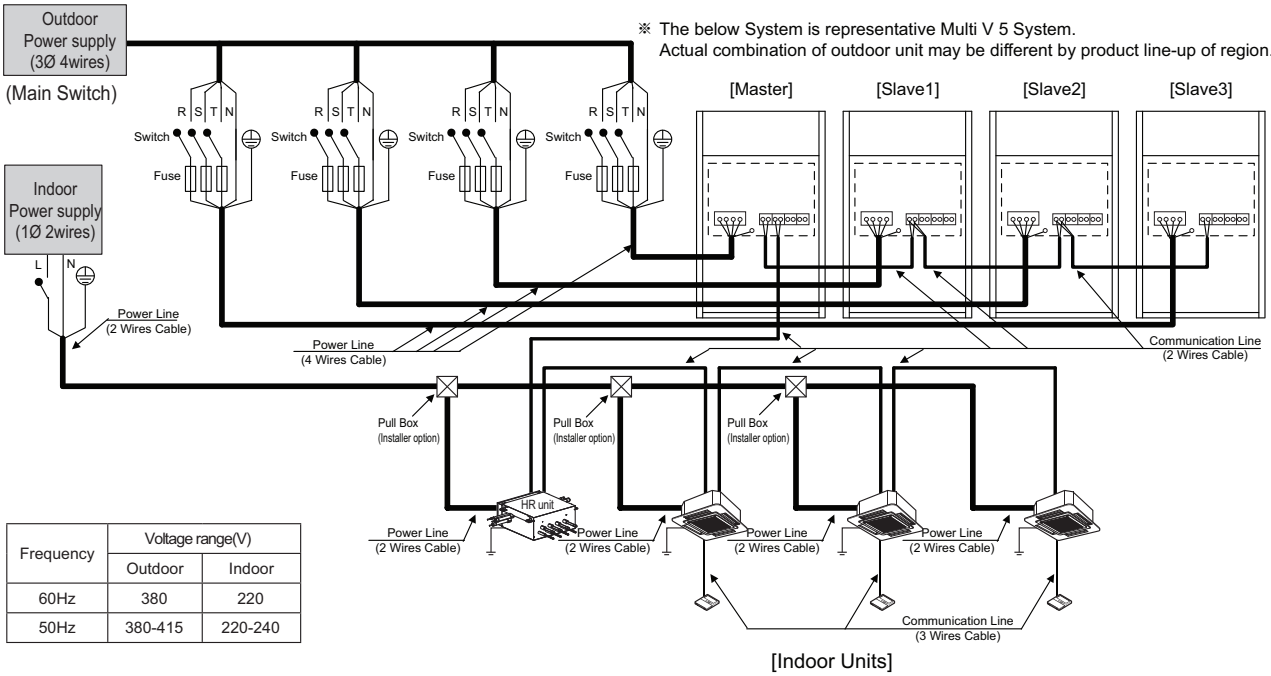
[Indoor Units]

Frequency	Voltage range(V)	
	Outdoor	Indoor
60Hz	380	220
50Hz	380-415	220-240

⚠ WARNING

When the total capacity is over than 68Hp, do not use single power source for connecting series units. The First terminal block could be burnt out.

◆ When the power source is supplied to Each outdoor unit individually.



[Indoor Units]

Frequency	Voltage range(V)	
	Outdoor	Indoor
60Hz	380	220
50Hz	380-415	220-240

5. Field Wiring

⚠ WARNING

- **Indoor Unit ground Lines are required for preventing electrical shock accident during current leakage, Communication disorder by noise effect and motor current leakage (without connection to pipe).**
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- **Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.**
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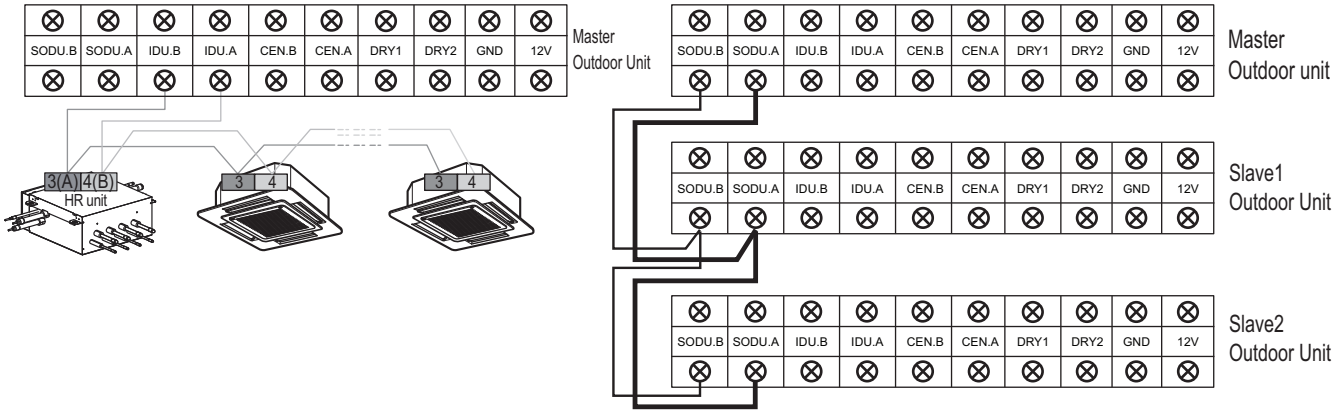
  Running the product in reversed phase may break the compressor and other parts.

◆ Between Indoor and Master Outdoor unit



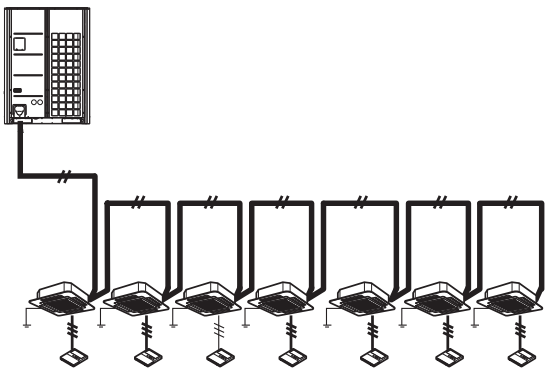
The GND terminal at the main PCB is a '-' terminal for dry contact. It is not the point to make ground connection.

- Make sure that terminal number of master and slave outdoor units are matched.(A-A,B-B)

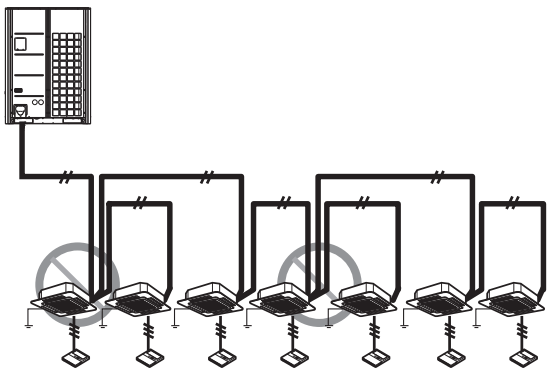
■ Example Connection of Communication Cable

- Connection of communication cable must be installed like below figure between indoor unit to outdoor unit.
- Abnormal operation can be caused by communication defect, when connection of communication cable is installed like below figure.

BUS Type



STAR Type

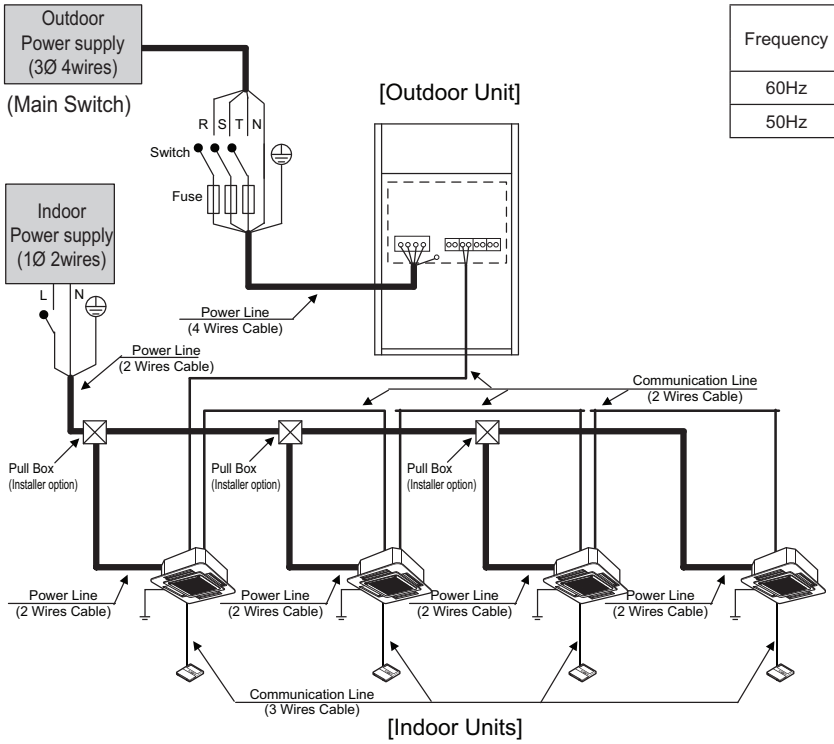


5. Field Wiring

5.2 Heat Pump System

■ Example Connection of Power & Communication Cable

◆ Single Outdoor Unit



Frequency	Voltage range(V)	
	Outdoor	Indoor
60Hz	380	220
50Hz	380-415	220-240

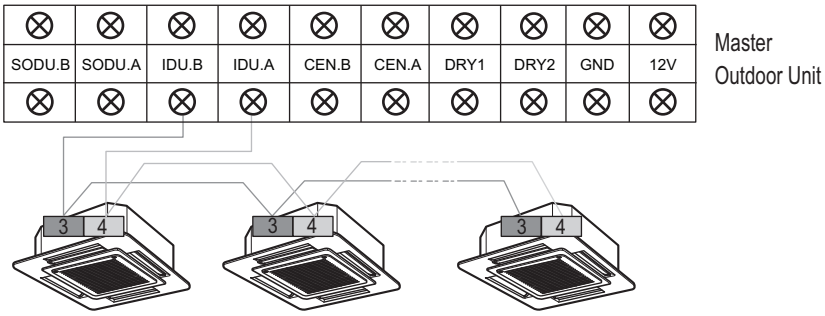
⚠ WARNING

- **Indoor Unit ground Lines are required for preventing electrical shock accident during current leakage, Communication disorder by noise effect and motor current leakage (without connection to pipe).**
- **Don't install an individual switch or electrical outlet to disconnect each of indoor unit separately from the power supply.**

  If individual power supply is necessary for each indoor unit, IPM (Independent Power Module) should be applied at each indoor unit. (optional)
- **Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.**
- **If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.**

  Running the product in reversed phase may break the compressor and other parts.

Between Indoor and Master Outdoor unit



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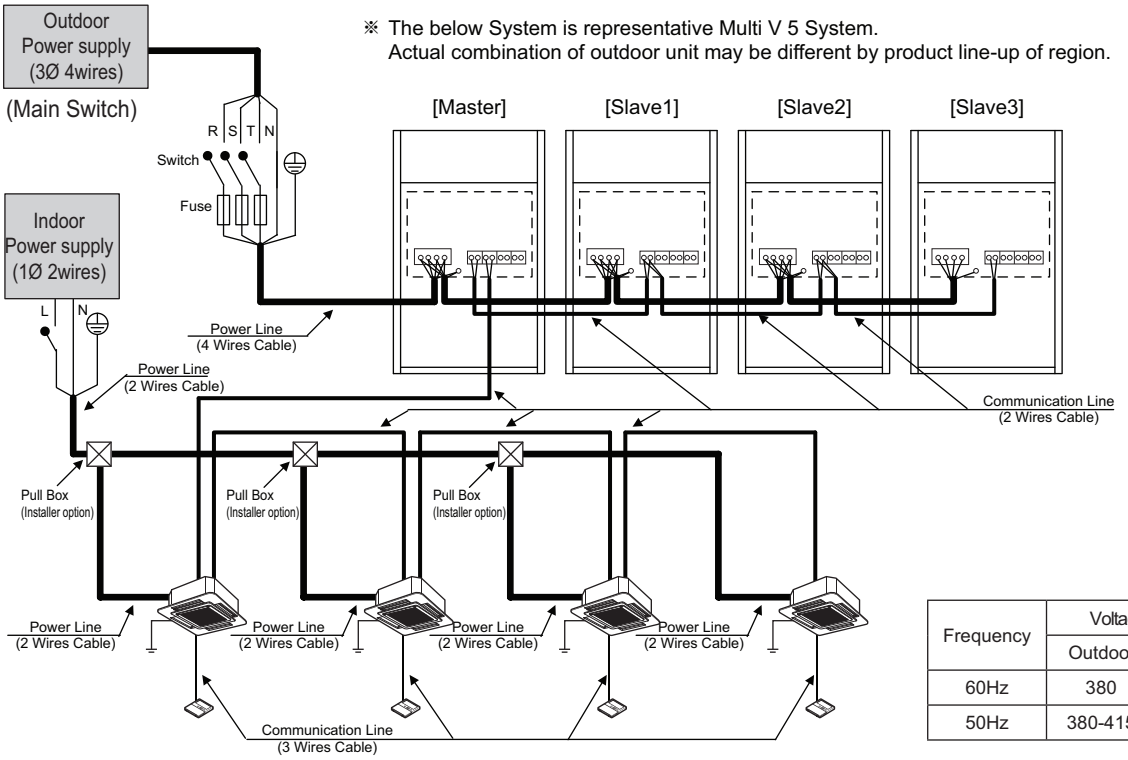
5. Field Wiring

■ Series Outdoor Unit

◆ When the power source is connected In series between the units.



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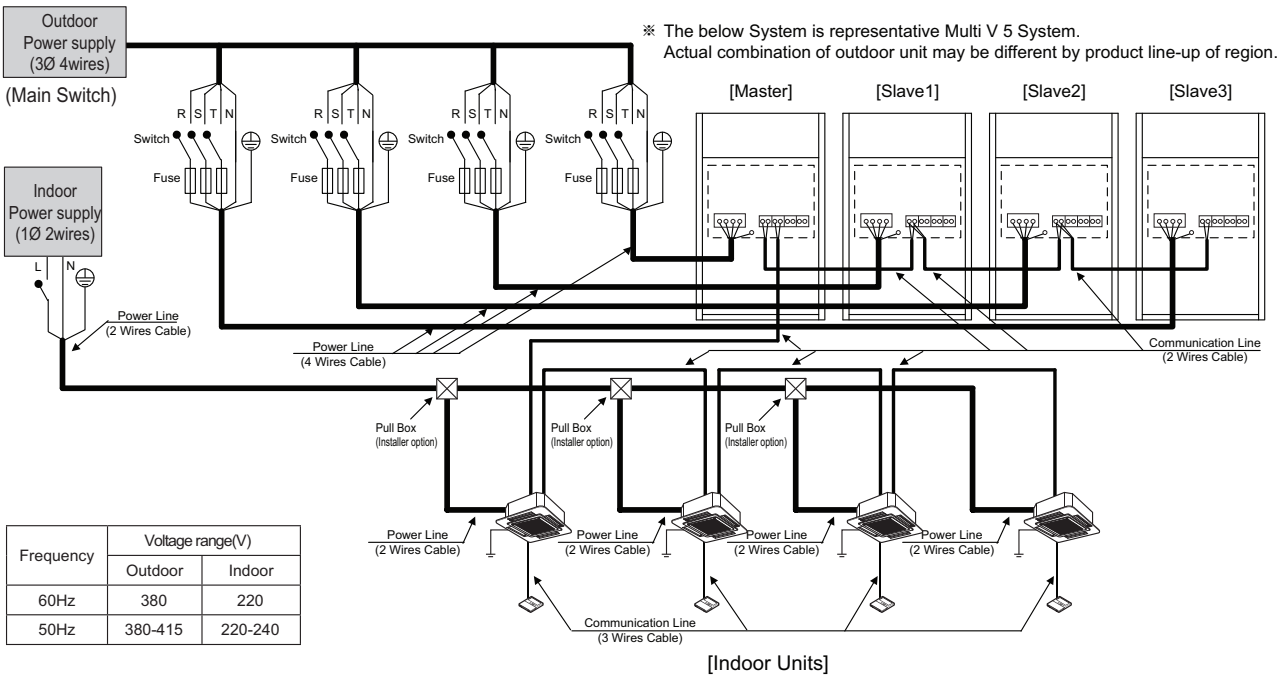
◆ When the power source is supplied to Each outdoor unit individually.



Frequency	Voltage range(V)	
	Outdoor	Indoor
60Hz	380	220
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5. Field Wiring

⚠ WARNING

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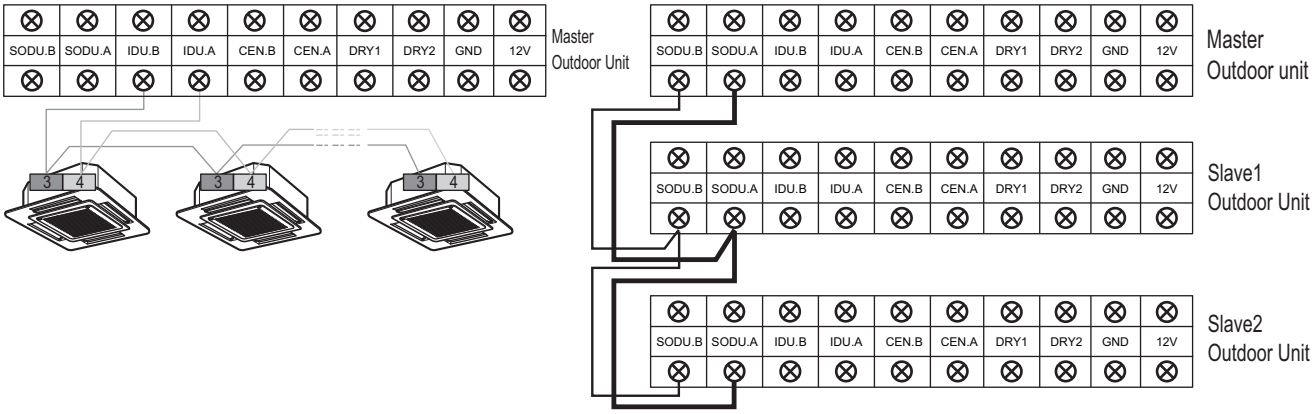
  Running the product in reversed phase may break the compressor and other parts.

◆ Between Indoor and Master Outdoor unit



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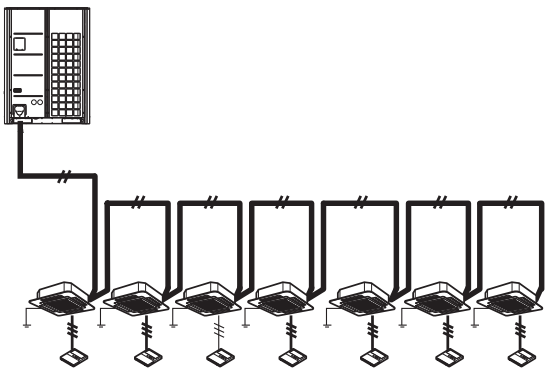

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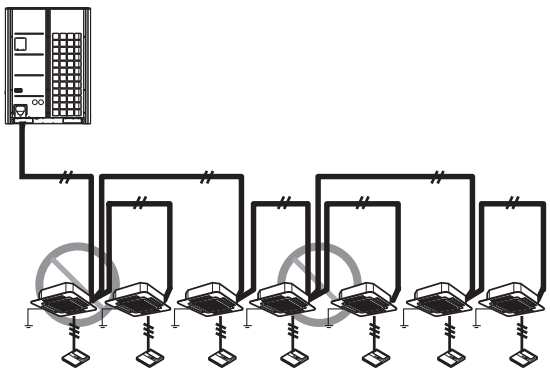


6. Electric Characteristics

■ Wiring of Main Power Supply and Equipment Capacity

1. Use a separate power supply for the Outdoor Unit and Indoor Unit.
2. Bear in mind ambient conditions (ambient temperature,direct sunlight, rain liquid,etc.) when proceeding with the wiring and connections
3. The wire size is the minimum value for metal conduit wiring. The power cord size should be 1 rank thicker taking into account the line voltage drops. Make sure the power-supply voltage does not drop more than 10%.
4. Specific wiring requirements should adhere to the wiring regulations of the region.
5. Power supply cords of parts of appliances for outdoor use should not be lighter than polychloroprene sheathed flexible cord (design 60245 IEC57).
6. Don't install an individual switch or electrical outlet to disconnect each of indoor unit separately from the power supply.

⚠ WARNING

- **Follow ordinance of local regulation for technical standard related to electrical equipment, wiring regulations and guidance of each electric power company.**
- **Make sure to use specified wires for connections so that no external force is imparted to terminal connections. If connections are not fixed firmly, it may cause heating or fire.**
- **Make sure to use the appropriate type of overcurrent protection switch. Note that generated overcurrent may include some amount of direct current.**
- **All Installation site must require attachment of an earth leakage breaker. If no earth leakage breaker is installed, it may cause an electric shock.**

⚠ CAUTION

- **Do not use anything other than breaker and fuse with correct capacity. Using fuse and wire or copper wire with too large capacity may cause a malfunction of unit or fire.**

6. Electric Characteristics

■ 50Hz

Model	Unit			Power Supply			COMP			OFM	
	Hz	Volts	Voltage-range	MCA	TOCA	MFA	MSC	RLA(Cooling)	RLA(Heating)	kW	FLA
8 HP	50	380-415	Min.:342, Max.:456	18.2	20.0	20	4.3	9.00	6.70	1.20	2.5
10 HP	50	380-415	Min.:342, Max.:456	25.5	28.0	32	5.9	12.70	8.00	1.20	2.5
12 HP	50	380-415	Min.:342, Max.:456	25.5	28.0	32	5.9	17.10	10.60	1.20	2.5
14 HP	50	380-415	Min.:342, Max.:456	25.5	28.0	32	5.9	18.70	12.00	1.80	2.5
16 HP	50	380-415	Min.:342, Max.:456	25.5	28.0	32	5.9	25.40	14.80	1.80	2.5
18 HP	50	380-415	Min.:342, Max.:456	42.7	47.0	50	10.2	21.70	15.30	1.80	2.5
20 HP	50	380-415	Min.:342, Max.:456	44.5	49.0	50	10.2	27.00	18.80	1.80	2.5
22 HP	50	380-415	Min.:342, Max.:456	50.9	56.0	63	11.8	29.8	18.6	2.40	5.0
24 HP	50	380-415	Min.:342, Max.:456	50.9	56.0	63	11.8	34.2	21.2	2.40	5.0
26 HP	50	380-415	Min.:342, Max.:456	50.9	56.0	63	11.8	35.8	22.6	2.40	5.0
28 HP	50	380-415	Min.:342, Max.:456	50.9	56.0	63	11.8	42.5	25.4	3.00	5.0
30 HP	50	380-415	Min.:342, Max.:456	68.2	75.0	80	16.1	38.8	25.9	3.00	5.0
32 HP	50	380-415	Min.:342, Max.:456	70.0	77.0	80	16.1	44.1	29.4	3.00	5.0
34 HP	50	380-415	Min.:342, Max.:456	69.6	78.0	80	16.1	45.7	30.8	3.00	5.0
36 HP	50	380-415	Min.:342, Max.:456	71.9	82.0	80	17.7	52.4	33.6	3.00	5.0
38 HP	50	380-415	Min.:342, Max.:456	72.6	82.0	100	17.7	48.7	34.1	3.60	5.0
40 HP	50	380-415	Min.:342, Max.:456	74.5	82.0	100	17.7	54.0	37.6	3.60	5.0
42 HP	50	380-415	Min.:342, Max.:456	91.0	101.0	100	22.0	55.9	36.5	3.60	5.0
44 HP	50	380-415	Min.:342, Max.:456	92.0	103.0	100	22.0	61.2	40.0	3.60	5.0
46 HP	50	380-415	Min.:342, Max.:456	91.2	104.0	100	22.0	62.8	41.4	3.60	5.0
48 HP	50	380-415	Min.:342, Max.:456	98.2	108.0	125	23.6	69.5	44.2	3.60	5.0
50 HP	50	380-415	Min.:342, Max.:456	100.0	110.0	125	23.6	65.8	44.7	4.80	7.5
52 HP	50	380-415	Min.:342, Max.:456	100.0	110.0	125	23.6	71.1	48.2	4.80	7.5
54 HP	50	380-415	Min.:342, Max.:456	113.2	129.0	125	27.9	72.7	49.6	4.80	7.5
56 HP	50	380-415	Min.:342, Max.:456	115.9	131.0	125	27.9	79.4	52.4	4.80	7.5
58 HP	50	380-415	Min.:342, Max.:456	120.0	132.0	150	27.9	75.7	52.9	4.80	7.5
60 HP	50	380-415	Min.:342, Max.:456	123.6	136.0	150	29.5	81.0	56.4	4.80	7.5
62 HP	50	380-415	Min.:342, Max.:456	123.6	136.0	150	29.5	82.9	55.3	5.40	7.5
64 HP	50	380-415	Min.:342, Max.:456	123.6	136.0	150	29.5	88.2	58.8	5.40	7.5
66 HP	50	380-415	Min.:342, Max.:456	134.8	155.0	150	33.8	89.8	60.2	5.40	7.5
68 HP	50	380-415	Min.:342, Max.:456	136.5	157.0	150	33.8	96.5	63.0	5.40	7.5
70 HP	50	380-415	Min.:342, Max.:456	136.2	158.0	150	33.8	92.8	63.5	5.40	7.5
72 HP	50	380-415	Min.:342, Max.:456	147.3	162.0	175	35.4	98.1	67.0	5.40	7.5
74 HP	50	380-415	Min.:342, Max.:456	149.1	164.0	175	35.4	99.7	68.4	6.60	10.0
76 HP	50	380-415	Min.:342, Max.:456	149.1	164.0	175	35.4	106.4	71.2	6.60	10.0
78 HP	50	380-415	Min.:342, Max.:456	166.4	183.0	200	39.7	102.7	71.7	6.60	10.0
80 HP	50	380-415	Min.:342, Max.:456	168.2	185.0	200	39.7	108.0	75.2	6.60	10.0

Note

1. Voltage supplied to the unit terminals should be within the minimum and maximum range.
2. Maximum allowable voltage unbalance between phase is 2%.
3. MSC means the Max. current during the starting of compressor.
4. MSC and RLA are measured as the compressor only test condition.
5. OFM are measured as the outdoor unit test condition.
6. TOCA means the total over current value of each outdoor unit.
7. Select the wire size based on the larger value among MCA or TOCA.
8. MFA is recommended fuse amps.
9. TOCA is minimum required amperes for selecting the circuit breaker and ground fault circuit interrupter. Please select the circuit breaker size equal or greater than TOCA. All installation site must require attachment of an earth leakage breaker.[Circuit breaker type is ELCB (Earth Leakage Circuit Breaker)].
10. Select the electrical equipment of combination unit according to the electrical characteristics of individual unit.

Symbols

MCA : Minimum Circuit Amperes (A)
TOCA : Total Over Current Amperes (A)
MFA : Maximum Fuse Amperes (A)
MSC : Maximum Starting Current (A)
RLA : Rated Load Amperes (A)
OFM : Outdoor Fan Motor
kW : Fan Motor rated output (kW)
FLA : Full Load Amperes (A)

6. Electric Characteristics

■ 60Hz

Model	Unit			Power Supply			COMP			OFM	
	Hz	Volts	Voltage-range	MCA	TOCA	MFA	MSC	RLA(Cooling)	RLA(Heating)	kW	FLA
8 HP	60	380	Min.:342, Max.:418	18.2	20.0	20	4.3	9.00	6.70	1.20	2.5
10 HP	60	380	Min.:342, Max.:418	25.5	28.0	32	5.9	12.70	8.00	1.20	2.5
12 HP	60	380	Min.:342, Max.:418	25.5	28.0	32	5.9	17.10	10.60	1.20	2.5
14 HP	60	380	Min.:342, Max.:418	25.5	28.0	32	5.9	18.70	12.00	1.80	2.5
16 HP	60	380	Min.:342, Max.:418	25.5	28.0	32	5.9	25.40	14.80	1.80	2.5
18 HP	60	380	Min.:342, Max.:418	42.7	47.0	50	10.2	21.70	15.30	1.80	2.5
20 HP	60	380	Min.:342, Max.:418	44.5	49.0	50	10.2	27.00	18.80	1.80	2.5
22 HP	60	380	Min.:342, Max.:418	50.9	56.0	63	11.8	29.8	18.6	2.40	5.0
24 HP	60	380	Min.:342, Max.:418	50.9	56.0	63	11.8	34.2	21.2	2.40	5.0
26 HP	60	380	Min.:342, Max.:418	50.9	56.0	63	11.8	35.8	22.6	2.40	5.0
28 HP	60	380	Min.:342, Max.:418	50.9	56.0	63	11.8	42.5	25.4	3.00	5.0
30 HP	60	380	Min.:342, Max.:418	68.2	75.0	80	16.1	38.8	25.9	3.00	5.0
32 HP	60	380	Min.:342, Max.:418	70.0	77.0	80	16.1	44.1	29.4	3.00	5.0
34 HP	60	380	Min.:342, Max.:418	69.6	78.0	80	16.1	45.7	30.8	3.00	5.0
36 HP	60	380	Min.:342, Max.:418	71.9	82.0	80	17.7	52.4	33.6	3.00	5.0
38 HP	60	380	Min.:342, Max.:418	72.6	82.0	100	17.7	48.7	34.1	3.60	5.0
40 HP	60	380	Min.:342, Max.:418	74.5	82.0	100	17.7	54.0	37.6	3.60	5.0
42 HP	60	380	Min.:342, Max.:418	91.0	101.0	100	22.0	55.9	36.5	3.60	5.0
44 HP	60	380	Min.:342, Max.:418	92.0	103.0	100	22.0	61.2	40.0	3.60	5.0
46 HP	60	380	Min.:342, Max.:418	91.2	104.0	100	22.0	62.8	41.4	3.60	5.0
48 HP	60	380	Min.:342, Max.:418	98.2	108.0	125	23.6	69.5	44.2	3.60	5.0
50 HP	60	380	Min.:342, Max.:418	100.0	110.0	125	23.6	65.8	44.7	4.80	7.5
52 HP	60	380	Min.:342, Max.:418	100.0	110.0	125	23.6	71.1	48.2	4.80	7.5
54 HP	60	380	Min.:342, Max.:418	113.2	129.0	125	27.9	72.7	49.6	4.80	7.5
56 HP	60	380	Min.:342, Max.:418	115.9	131.0	125	27.9	79.4	52.4	4.80	7.5
58 HP	60	380	Min.:342, Max.:418	120.0	132.0	150	27.9	75.7	52.9	4.80	7.5
60 HP	60	380	Min.:342, Max.:418	123.6	136.0	150	29.5	81.0	56.4	4.80	7.5
62 HP	60	380	Min.:342, Max.:418	123.6	136.0	150	29.5	82.9	55.3	5.40	7.5
64 HP	60	380	Min.:342, Max.:418	123.6	136.0	150	29.5	88.2	58.8	5.40	7.5
66 HP	60	380	Min.:342, Max.:418	134.8	155.0	150	33.8	89.8	60.2	5.40	7.5
68 HP	60	380	Min.:342, Max.:418	136.5	157.0	150	33.8	96.5	63.0	5.40	7.5
70 HP	60	380	Min.:342, Max.:418	136.2	158.0	150	33.8	92.8	63.5	5.40	7.5
72 HP	60	380	Min.:342, Max.:418	147.3	162.0	175	35.4	98.1	67.0	5.40	7.5
74 HP	60	380	Min.:342, Max.:418	149.1	164.0	175	35.4	99.7	68.4	6.60	10.0
76 HP	60	380	Min.:342, Max.:418	149.1	164.0	175	35.4	106.4	71.2	6.60	10.0
78 HP	60	380	Min.:342, Max.:418	166.4	183.0	200	39.7	102.7	71.7	6.60	10.0
80 HP	60	380	Min.:342, Max.:418	168.2	185.0	200	39.7	108.0	75.2	6.60	10.0

Note

1. Voltage supplied to the unit terminals should be within the minimum and maximum range.
2. Maximum allowable voltage unbalance between phase is 2%.
3. MSC means the Max. current during the starting of compressor.
4. MSC and RLA are measured as the compressor only test condition.
5. OFM are measured as the outdoor unit test condition.
6. TOCA means the total over current value of each outdoor unit.
7. Select the wire size based on the larger value among MCA or TOCA.
8. MFA is recommended fuse amps.
9. TOCA is minimum required amperes for selecting the circuit breaker and ground fault circuit interrupter. Please select the circuit breaker size equal or greater than TOCA. All installation site must require attachment of an earth leakage breaker.[Circuit breaker type is ELCB (Earth Leakage Circuit Breaker)].
10. Select the electrical equipment of combination unit according to the electrical characteristics of individual unit.

Symbols

MCA : Minimum Circuit Amperes (A)
TOCA : Total Over Current Amperes (A)
MFA : Maximum Fuse Amperes (A)
MSC : Maximum Starting Current (A)
RLA : Rated Load Amperes (A)
OFM : Outdoor Fan Motor
kW : Fan Motor rated output (kW)
FLA : Full Load Amperes (A)

7. Capacity Tables

7.1 Cooling Capacity

7.1.1 Standard Mode

◆ ARUM080LTE5

Cooling Capacity (8HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	17.5	1.89	22.1	2.56	27.0	3.59	29.1	4.14	31.4	4.80	33.4	5.39	35.0	5.92
	12	17.5	1.93	22.1	2.69	27.0	3.88	29.1	4.47	31.4	5.16	33.4	5.83	35.0	6.36
	14	17.5	1.97	22.1	2.92	27.0	4.21	29.1	4.87	31.4	5.59	33.4	6.35	35.0	6.94
	16	17.5	2.16	22.1	3.20	27.0	4.59	29.1	5.30	31.4	6.14	33.4	6.93	35.0	7.48
	18	17.5	2.37	22.1	3.52	27.0	5.08	29.1	5.87	31.4	6.64	33.4	7.35	35.0	7.96
	20	17.5	2.61	22.1	3.89	27.0	5.58	29.1	6.29	31.4	7.08	33.4	7.84	35.0	8.48
	21	17.5	2.75	22.1	4.10	27.0	5.77	29.1	6.49	31.4	7.30	33.4	8.12	35.0	8.78
	23	17.5	3.08	22.1	4.59	27.0	6.15	29.1	6.90	31.4	7.80	33.4	8.67	35.0	9.42
	25	17.5	3.47	22.1	4.91	27.0	6.58	29.1	7.38	31.4	8.38	33.4	9.35	35.0	10.17
	27	17.5	3.84	22.1	5.22	27.0	7.05	29.1	7.94	31.4	9.01	33.4	10.10	35.0	11.03
	29	17.5	4.10	22.1	5.58	27.0	7.55	29.1	8.55	31.4	9.74	33.4	10.98	35.0	12.10
	31	17.5	4.37	22.1	5.96	27.0	8.13	29.1	9.25	31.4	10.59	32.3	11.23	32.3	11.23
	33	17.5	4.69	22.1	6.40	27.0	8.76	29.1	10.01	29.3	10.13	29.3	10.13	29.3	10.13
	35	17.5	4.99	22.1	6.87	26.4	9.13	26.4	9.13	26.4	9.13	26.4	9.13	26.4	9.13
	37	17.5	5.34	22.1	7.41	23.6	8.18	23.6	8.18	23.6	8.18	23.6	8.18	23.6	8.18
	39	17.5	5.75	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31
	41	17.5	6.14	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53
	43	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78
	46	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12
120	10	16.1	1.73	20.4	2.29	24.9	3.11	26.9	3.56	29.0	4.11	30.8	4.64	32.3	5.06
	12	16.1	1.76	20.4	2.34	24.9	3.35	26.9	3.85	29.0	4.43	30.8	4.99	32.3	5.47
	14	16.1	1.80	20.4	2.54	24.9	3.64	26.9	4.17	29.0	4.82	30.8	5.41	32.3	5.92
	16	16.1	1.90	20.4	2.79	24.9	3.97	26.9	4.55	29.0	5.26	30.8	5.93	32.3	6.50
	18	16.1	2.08	20.4	3.05	24.9	4.36	26.9	5.03	29.0	5.81	30.8	6.46	32.3	6.95
	20	16.1	2.30	20.4	3.38	24.9	4.84	26.9	5.55	29.0	6.24	30.8	6.86	32.3	7.41
	21	16.1	2.42	20.4	3.56	24.9	5.12	26.9	5.73	29.0	6.44	30.8	7.11	32.3	7.68
	23	16.1	2.72	20.4	3.99	24.9	5.47	26.9	6.10	29.0	6.85	30.8	7.60	32.3	8.20
	25	16.1	3.05	20.4	4.39	24.9	5.84	26.9	6.54	29.0	7.33	30.8	8.13	32.3	8.80
	27	16.1	3.50	20.4	4.67	24.9	6.23	26.9	6.97	29.0	7.89	30.8	8.74	32.3	9.51
	29	16.1	3.71	20.4	5.01	24.9	6.68	26.9	7.50	29.0	8.49	30.8	9.44	32.3	10.28
	31	16.1	3.97	20.4	5.36	24.9	7.16	26.9	8.04	29.0	9.14	30.8	10.27	32.3	11.23
	33	16.1	4.23	20.4	5.73	24.9	7.68	26.9	8.70	29.0	9.94	29.3	10.13	29.3	10.13
	35	16.1	4.54	20.4	6.12	24.9	8.28	26.4	9.13	26.4	9.13	26.4	9.13	26.4	9.13
	37	16.1	4.84	20.4	6.57	23.6	8.18	23.6	8.18	23.6	8.18	23.6	8.18	23.6	8.18
	39	16.1	5.18	20.4	7.10	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31
	41	16.1	5.55	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53
	43	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78
	46	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12
110	10	14.8	1.57	18.7	2.05	22.9	2.67	24.6	3.04	26.6	3.49	28.3	3.92	29.6	4.29
	12	14.8	1.60	18.7	2.09	22.9	2.85	24.6	3.28	26.6	3.77	28.3	4.23	29.6	4.62
	14	14.8	1.62	18.7	2.19	22.9	3.11	24.6	3.57	26.6	4.09	28.3	4.58	29.6	5.00
	16	14.8	1.67	18.7	2.40	22.9	3.41	24.6	3.89	26.6	4.46	28.3	5.02	29.6	5.49
	18	14.8	1.84	18.7	2.65	22.9	3.72	24.6	4.28	26.6	4.90	28.3	5.52	29.6	6.04
	20	14.8	2.03	18.7	2.91	22.9	4.12	24.6	4.74	26.6	5.46	28.3	5.99	29.6	6.46
	21	14.8	2.14	18.7	3.06	22.9	4.36	24.6	5.02	26.6	5.64	28.3	6.19	29.6	6.66
	23	14.8	2.38	18.7	3.44	22.9	4.81	24.6	5.36	26.6	6.01	28.3	6.62	29.6	7.09
	25	14.8	2.67	18.7	3.90	22.9	5.15	24.6	5.72	26.6	6.41	28.3	7.05	29.6	7.62
	27	14.8	3.04	18.7	4.19	22.9	5.50	24.6	6.14	26.6	6.86	28.3	7.55	29.6	8.15
	29	14.8	3.35	18.7	4.46	22.9	5.87	24.6	6.55	26.6	7.36	28.3	8.12	29.6	8.77
	31	14.8	3.58	18.7	4.76	22.9	6.27	24.6	7.02	26.6	7.92	28.3	8.79	29.6	9.49
	33	14.8	3.83	18.7	5.09	22.9	6.73	24.6	7.57	26.6	8.54	28.3	9.52	29.3	10.13
	35	14.8	4.09	18.7	5.45	22.9	7.22	24.6	8.16	26.4	9.13	26.4	9.13	26.4	9.13
	37	14.8	4.36	18.7	5.83	22.9	7.79	23.6	8.18	23.6	8.18	23.6	8.18	23.6	8.18
	39	14.8	4.68	18.7	6.26	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31
	41	14.8	4.98	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53
	43	14.8	5.34	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78
	46	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12

7. Capacity Tables

Cooling Capacity (8HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	13.4	1.43	17.0	1.83	20.8	2.36	22.4	2.61	24.2	2.91	25.7	3.28	26.9	3.59
	12	13.4	1.46	17.0	1.87	20.8	2.40	22.4	2.75	24.2	3.17	25.7	3.55	26.9	3.85
	14	13.4	1.47	17.0	1.89	20.8	2.63	22.4	3.01	24.2	3.43	25.7	3.86	26.9	4.18
	16	13.4	1.50	17.0	2.05	20.8	2.86	22.4	3.27	24.2	3.75	25.7	4.21	26.9	4.58
	18	13.4	1.60	17.0	2.26	20.8	3.16	22.4	3.60	24.2	4.11	25.7	4.62	26.9	5.04
	20	13.4	1.77	17.0	2.51	20.8	3.50	22.4	3.98	24.2	4.56	25.7	5.12	26.9	5.58
	21	13.4	1.86	17.0	2.64	20.8	3.68	22.4	4.22	24.2	4.83	25.7	5.36	26.9	5.73
	23	13.4	2.07	17.0	2.94	20.8	4.13	22.4	4.69	24.2	5.23	25.7	5.72	26.9	6.14
	25	13.4	2.32	17.0	3.33	20.8	4.50	22.4	4.99	24.2	5.55	25.7	6.10	26.9	6.54
	27	13.4	2.64	17.0	3.70	20.8	4.82	22.4	5.34	24.2	5.93	25.7	6.50	26.9	7.01
	29	13.4	3.03	17.0	3.96	20.8	5.13	22.4	5.71	24.2	6.36	25.7	6.97	26.9	7.51
	31	13.4	3.22	17.0	4.22	20.8	5.48	22.4	6.09	24.2	6.82	25.7	7.51	26.9	8.08
	33	13.4	3.45	17.0	4.53	20.8	5.86	22.4	6.54	24.2	7.32	25.7	8.10	26.9	8.71
	35	13.4	3.66	17.0	4.83	20.8	6.30	22.4	7.02	24.2	7.89	25.7	8.73	26.4	9.13
	37	13.4	3.91	17.0	5.17	20.8	6.76	22.4	7.57	23.6	8.18	23.6	8.18	23.6	8.18
	39	13.4	4.18	17.0	5.53	20.8	7.26	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31
	41	13.4	4.49	17.0	5.91	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53
	43	13.4	4.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78
	46	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12
90	10	12.1	1.30	15.3	1.62	18.7	2.05	20.2	2.25	21.7	2.49	23.1	2.72	24.2	2.94
	12	12.1	1.32	15.3	1.66	18.7	2.09	20.2	2.32	21.7	2.62	23.1	2.91	24.2	3.18
	14	12.1	1.33	15.3	1.69	18.7	2.19	20.2	2.50	21.7	2.85	23.1	3.18	24.2	3.46
	16	12.1	1.36	15.3	1.76	18.7	2.42	20.2	2.73	21.7	3.10	23.1	3.48	24.2	3.78
	18	12.1	1.40	15.3	1.92	18.7	2.65	20.2	3.01	21.7	3.41	23.1	3.82	24.2	4.15
	20	12.1	1.53	15.3	2.12	18.7	2.91	20.2	3.31	21.7	3.78	23.1	4.23	24.2	4.60
	21	12.1	1.61	15.3	2.23	18.7	3.09	20.2	3.51	21.7	3.97	23.1	4.46	24.2	4.87
	23	12.1	1.79	15.3	2.48	18.7	3.44	20.2	3.91	21.7	4.49	23.1	4.92	24.2	5.24
	25	12.1	1.98	15.3	2.82	18.7	3.90	20.2	4.32	21.7	4.80	23.1	5.23	24.2	5.59
	27	12.1	2.25	15.3	3.20	18.7	4.19	20.2	4.63	21.7	5.13	23.1	5.59	24.2	5.97
	29	12.1	2.59	15.3	3.48	18.7	4.47	20.2	4.93	21.7	5.46	23.1	5.97	24.2	6.40
	31	12.1	2.88	15.3	3.72	18.7	4.79	20.2	5.27	21.7	5.86	23.1	6.40	24.2	6.83
	33	12.1	3.06	15.3	3.98	18.7	5.09	20.2	5.64	21.7	6.26	23.1	6.87	24.2	7.37
	35	12.1	3.28	15.3	4.24	18.7	5.45	20.2	6.03	21.7	6.72	23.1	7.37	24.2	7.94
	37	12.1	3.49	15.3	4.55	18.7	5.86	20.2	6.47	21.7	7.22	23.1	7.95	23.6	8.18
	39	12.1	3.73	15.3	4.85	18.7	6.26	20.2	6.95	20.9	7.31	20.9	7.31	20.9	7.31
	41	12.1	3.99	15.3	5.19	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53
	43	12.1	4.25	15.3	5.56	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78
	46	12.1	4.73	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12
80	10	10.8	1.18	13.6	1.44	16.6	1.78	17.9	1.95	19.3	2.15	20.6	2.32	21.5	2.47
	12	10.8	1.19	13.6	1.47	16.6	1.82	17.9	1.99	19.3	2.19	20.6	2.36	21.5	2.57
	14	10.8	1.20	13.6	1.49	16.6	1.85	17.9	2.05	19.3	2.33	20.6	2.59	21.5	2.81
	16	10.8	1.22	13.6	1.52	16.6	2.00	17.9	2.25	19.3	2.54	20.6	2.83	21.5	3.06
	18	10.8	1.25	13.6	1.62	16.6	2.19	17.9	2.46	19.3	2.78	20.6	3.12	21.5	3.37
	20	10.8	1.33	13.6	1.79	16.6	2.42	17.9	2.74	19.3	3.09	20.6	3.43	21.5	3.70
	21	10.8	1.40	13.6	1.89	16.6	2.54	17.9	2.88	19.3	3.25	20.6	3.63	21.5	3.92
	23	10.8	1.53	13.6	2.10	16.6	2.83	17.9	3.20	19.3	3.64	20.6	4.07	21.5	4.40
	25	10.8	1.70	13.6	2.36	16.6	3.21	17.9	3.63	19.3	4.10	20.6	4.46	21.5	4.72
	27	10.8	1.93	13.6	2.68	16.6	3.60	17.9	3.97	19.3	4.37	20.6	4.75	21.5	5.06
	29	10.8	2.21	13.6	3.06	16.6	3.85	17.9	4.24	19.3	4.66	20.6	5.08	21.5	5.41
	31	10.8	2.56	13.6	3.25	16.6	4.11	17.9	4.52	19.3	4.99	20.6	5.40	21.5	5.78
	33	10.8	2.72	13.6	3.48	16.6	4.39	17.9	4.85	19.3	5.34	20.6	5.81	21.5	6.17
	35	10.8	2.93	13.6	3.73	16.6	4.70	17.9	5.16	19.3	5.71	20.6	6.21	21.5	6.63
	37	10.8	3.11	13.6	3.95	16.6	5.04	17.9	5.52	19.3	6.10	20.6	6.67	21.5	7.12
	39	10.8	3.31	13.6	4.25	16.6	5.36	17.9	5.93	19.3	6.55	20.6	7.16	20.9	7.31
	41	10.8	3.54	13.6	4.53	16.6	5.77	17.9	6.38	18.2	6.53	18.2	6.53	18.2	6.53
	43	10.8	3.79	13.6	4.86	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78
	46	10.8	4.17	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12

7. Capacity Tables

Cooling Capacity (8HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	9.4	1.06	11.9	1.28	14.5	1.55	15.7	1.67	16.9	1.82	18.0	1.97	18.8	2.07
	12	9.4	1.07	11.9	1.29	14.5	1.57	15.7	1.71	16.9	1.85	18.0	2.01	18.8	2.11
	14	9.4	1.09	11.9	1.32	14.5	1.60	15.7	1.74	16.9	1.89	18.0	2.07	18.8	2.22
	16	9.4	1.10	11.9	1.33	14.5	1.62	15.7	1.82	16.9	2.05	18.0	2.27	18.8	2.45
	18	9.4	1.11	11.9	1.36	14.5	1.79	15.7	2.00	16.9	2.25	18.0	2.49	18.8	2.68
	20	9.4	1.16	11.9	1.50	14.5	1.98	15.7	2.21	16.9	2.48	18.0	2.74	18.8	2.95
	21	9.4	1.20	11.9	1.58	14.5	2.08	15.7	2.32	16.9	2.61	18.0	2.88	18.8	3.13
	23	9.4	1.31	11.9	1.74	14.5	2.32	15.7	2.58	16.9	2.93	18.0	3.24	18.8	3.48
	25	9.4	1.44	11.9	1.95	14.5	2.60	15.7	2.93	16.9	3.29	18.0	3.64	18.8	3.95
	27	9.4	1.63	11.9	2.21	14.5	2.96	15.7	3.33	16.9	3.70	18.0	3.98	18.8	4.23
	29	9.4	1.85	11.9	2.52	14.5	3.31	15.7	3.61	16.9	3.95	18.0	4.25	18.8	4.51
	31	9.4	2.16	11.9	2.84	14.5	3.52	15.7	3.83	16.9	4.22	18.0	4.56	18.8	4.83
	33	9.4	2.41	11.9	3.03	14.5	3.76	15.7	4.09	16.9	4.50	18.0	4.85	18.8	5.17
	35	9.4	2.56	11.9	3.22	14.5	4.02	15.7	4.39	16.9	4.79	18.0	5.19	18.8	5.53
	37	9.4	2.73	11.9	3.45	14.5	4.29	15.7	4.68	16.9	5.13	18.0	5.56	18.8	5.91
	39	9.4	2.91	11.9	3.66	14.5	4.57	15.7	5.01	16.9	5.49	18.0	5.94	18.8	6.35
	41	9.4	3.13	11.9	3.91	14.5	4.90	15.7	5.37	16.9	5.90	18.0	6.39	18.2	6.53
	43	9.4	3.32	11.9	4.18	14.5	5.24	15.7	5.74	15.7	5.78	15.7	5.78	15.7	5.78
	46	9.4	3.67	11.9	4.61	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	9.4	3.93	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12
60	10	8.1	0.97	10.2	1.12	12.5	1.33	13.4	1.43	14.5	1.54	15.4	1.64	16.2	1.73
	12	8.1	0.98	10.2	1.14	12.5	1.35	13.4	1.46	14.5	1.57	15.4	1.67	16.2	1.76
	14	8.1	0.99	10.2	1.15	12.5	1.38	13.4	1.47	14.5	1.59	15.4	1.71	16.2	1.80
	16	8.1	0.99	10.2	1.18	12.5	1.39	13.4	1.50	14.5	1.62	15.4	1.77	16.2	1.92
	18	8.1	1.00	10.2	1.19	12.5	1.45	13.4	1.60	14.5	1.79	15.4	1.95	16.2	2.09
	20	8.1	1.01	10.2	1.25	12.5	1.60	13.4	1.77	14.5	1.95	15.4	2.15	16.2	2.32
	21	8.1	1.04	10.2	1.32	12.5	1.68	13.4	1.86	14.5	2.06	15.4	2.26	16.2	2.44
	23	8.1	1.13	10.2	1.44	12.5	1.85	13.4	2.07	14.5	2.29	15.4	2.52	16.2	2.72
	25	8.1	1.23	10.2	1.59	12.5	2.07	13.4	2.30	14.5	2.57	15.4	2.85	16.2	3.05
	27	8.1	1.37	10.2	1.80	12.5	2.35	13.4	2.64	14.5	2.95	15.4	3.24	16.2	3.50
	29	8.1	1.55	10.2	2.05	12.5	2.71	13.4	3.03	14.5	3.28	15.4	3.54	16.2	3.72
	31	8.1	1.78	10.2	2.39	12.5	2.97	13.4	3.22	14.5	3.51	15.4	3.76	16.2	3.97
	33	8.1	2.12	10.2	2.60	12.5	3.16	13.4	3.45	14.5	3.73	15.4	4.01	16.2	4.24
	35	8.1	2.25	10.2	2.77	12.5	3.38	13.4	3.66	14.5	3.98	15.4	4.28	16.2	4.55
	37	8.1	2.40	10.2	2.95	12.5	3.62	13.4	3.91	14.5	4.25	15.4	4.60	16.2	4.84
	39	8.1	2.56	10.2	3.14	12.5	3.84	13.4	4.18	14.5	4.56	15.4	4.89	16.2	5.19
	41	8.1	2.73	10.2	3.37	12.5	4.13	13.4	4.49	14.5	4.86	15.4	5.24	16.2	5.55
	43	8.1	2.91	10.2	3.58	12.5	4.41	13.4	4.78	14.5	5.21	15.4	5.64	15.7	5.78
	46	8.1	3.20	10.2	3.97	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	8.1	3.44	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12
50	10	6.7	0.87	8.5	1.00	10.4	1.15	11.2	1.22	12.1	1.29	12.9	1.36	13.5	1.43
	12	6.7	0.88	8.5	1.00	10.4	1.16	11.2	1.23	12.1	1.32	12.9	1.39	13.5	1.46
	14	6.7	0.89	8.5	1.01	10.4	1.18	11.2	1.25	12.1	1.33	12.9	1.41	13.5	1.47
	16	6.7	0.90	8.5	1.02	10.4	1.19	11.2	1.26	12.1	1.35	12.9	1.44	13.5	1.50
	18	6.7	0.90	8.5	1.04	10.4	1.20	11.2	1.29	12.1	1.40	12.9	1.51	13.5	1.60
	20	6.7	0.91	8.5	1.05	10.4	1.27	11.2	1.39	12.1	1.53	12.9	1.67	13.5	1.77
	21	6.7	0.92	8.5	1.09	10.4	1.34	11.2	1.47	12.1	1.61	12.9	1.75	13.5	1.86
	23	6.7	0.96	8.5	1.18	10.4	1.46	11.2	1.61	12.1	1.79	12.9	1.93	13.5	2.07
	25	6.7	1.04	8.5	1.30	10.4	1.64	11.2	1.80	12.1	1.98	12.9	2.17	13.5	2.32
	27	6.7	1.14	8.5	1.45	10.4	1.84	11.2	2.02	12.1	2.25	12.9	2.46	13.5	2.64
	29	6.7	1.28	8.5	1.64	10.4	2.11	11.2	2.33	12.1	2.59	12.9	2.83	13.5	3.03
	31	6.7	1.47	8.5	1.89	10.4	2.44	11.2	2.67	12.1	2.88	12.9	3.06	13.5	3.22
	33	6.7	1.72	8.5	2.21	10.4	2.63	11.2	2.84	12.1	3.06	12.9	3.28	13.5	3.45
	35	6.7	1.96	8.5	2.36	10.4	2.81	11.2	3.03	12.1	3.28	12.9	3.49	13.5	3.66
	37	6.7	2.07	8.5	2.49	10.4	3.01	11.2	3.24	12.1	3.49	12.9	3.73	13.5	3.91
	39	6.7	2.21	8.5	2.66	10.4	3.21	11.2	3.45	12.1	3.73	12.9	3.99	13.5	4.18
	41	6.7	2.36	8.5	2.83	10.4	3.41	11.2	3.69	12.1	3.98	12.9	4.25	13.5	4.49
	43	6.7	2.50	8.5	3.05	10.4	3.65	11.2	3.94	12.1	4.25	12.9	4.57	13.5	4.78
	46	6.7	2.76	8.5	3.34	10.4	4.05	11.2	4.36	12.1	4.70	12.1	4.74	12.1	4.74
	48	6.7	2.95	8.5	3.58	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM100LTE5

Cooling Capacity (10HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	21.8	2.51	27.6	3.31	33.8	4.67	36.4	5.39	39.2	6.25	41.8	7.02	43.7	7.68
	12	21.8	2.54	27.6	3.52	33.8	5.09	36.4	5.85	39.2	6.72	41.8	7.59	43.7	8.30
	14	21.8	2.62	27.6	3.84	33.8	5.51	36.4	6.37	39.2	7.36	41.8	8.30	43.7	9.08
	16	21.8	2.88	27.6	4.23	33.8	6.04	36.4	6.96	39.2	8.05	41.8	8.98	43.7	9.73
	18	21.8	3.17	27.6	4.64	33.8	6.65	36.4	7.66	39.2	8.68	41.8	9.64	43.7	10.37
	20	21.8	3.49	27.6	5.14	33.8	7.31	36.4	8.21	39.2	9.28	41.8	10.29	43.7	11.13
	21	21.8	3.67	27.6	5.40	33.8	7.52	36.4	8.49	39.2	9.60	41.8	10.63	43.7	11.55
	23	21.8	4.08	27.6	5.99	33.8	8.07	36.4	9.09	39.2	10.26	41.8	11.42	43.7	12.40
	25	21.8	4.57	27.6	6.42	33.8	8.66	36.4	9.73	39.2	11.03	41.8	12.32	43.7	13.38
	27	21.8	5.02	27.6	6.87	33.8	9.27	36.4	10.47	39.2	11.91	41.8	13.31	43.7	14.52
	29	21.8	5.36	27.6	7.39	33.8	9.99	36.4	11.26	39.2	12.88	41.8	14.45	43.3	15.46
	31	21.8	5.76	27.6	7.89	33.8	10.75	36.4	12.18	39.2	13.92	39.5	14.10	39.5	14.10
	33	21.8	6.17	27.6	8.47	33.8	11.57	35.8	12.81	35.8	12.81	35.8	12.81	35.8	12.81
	35	21.8	6.61	27.6	9.14	32.2	11.63	32.2	11.63	32.2	11.63	32.2	11.63	32.2	11.63
	37	21.8	7.12	27.6	9.80	28.8	10.50	28.8	10.50	28.8	10.50	28.8	10.50	28.8	10.50
	39	21.8	7.66	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42
	41	21.8	8.23	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45
	43	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46
	46	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41
120	10	20.2	2.30	25.5	3.00	31.2	4.02	33.6	4.63	36.2	5.33	38.6	6.02	40.4	6.57
	12	20.2	2.33	25.5	3.08	31.2	4.40	33.6	5.04	36.2	5.79	38.6	6.52	40.4	7.11
	14	20.2	2.38	25.5	3.37	31.2	4.77	33.6	5.50	36.2	6.30	38.6	7.09	40.4	7.78
	16	20.2	2.56	25.5	3.69	31.2	5.23	33.6	5.98	36.2	6.90	38.6	7.76	40.4	8.50
	18	20.2	2.79	25.5	4.04	31.2	5.76	33.6	6.63	36.2	7.59	38.6	8.42	40.4	9.09
	20	20.2	3.08	25.5	4.45	31.2	6.38	33.6	7.25	36.2	8.14	38.6	9.01	40.4	9.71
	21	20.2	3.24	25.5	4.72	31.2	6.67	33.6	7.46	36.2	8.43	38.6	9.32	40.4	10.04
	23	20.2	3.60	25.5	5.24	31.2	7.13	33.6	8.01	36.2	9.02	38.6	9.96	40.4	10.78
	25	20.2	4.03	25.5	5.73	31.2	7.66	33.6	8.59	36.2	9.66	38.6	10.71	40.4	11.59
	27	20.2	4.52	25.5	6.14	31.2	8.22	33.6	9.20	36.2	10.39	38.6	11.51	40.4	12.51
	29	20.2	4.87	25.5	6.58	31.2	8.81	33.6	9.91	36.2	11.18	38.6	12.45	40.4	13.52
	31	20.2	5.20	25.5	7.09	31.2	9.45	33.6	10.67	36.2	12.09	38.6	13.53	39.5	14.10
	33	20.2	5.58	25.5	7.57	31.2	10.18	33.6	11.49	35.8	12.81	35.8	12.81	35.8	12.81
	35	20.2	5.99	25.5	8.13	31.2	10.96	32.2	11.63	32.2	11.63	32.2	11.63	32.2	11.63
	37	20.2	6.42	25.5	8.73	28.8	10.50	28.8	10.50	28.8	10.50	28.8	10.50	28.8	10.50
	39	20.2	6.92	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42
	41	20.2	7.40	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45
	43	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46
	46	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41
110	10	18.5	2.10	23.4	2.70	28.6	3.47	30.8	3.96	33.2	4.56	35.3	5.10	37.0	5.56
	12	18.5	2.13	23.4	2.76	28.6	3.75	30.8	4.30	33.2	4.93	35.3	5.55	37.0	6.03
	14	18.5	2.18	23.4	2.90	28.6	4.09	30.8	4.67	33.2	5.38	35.3	6.04	37.0	6.56
	16	18.5	2.24	23.4	3.18	28.6	4.50	30.8	5.12	33.2	5.85	35.3	6.61	37.0	7.18
	18	18.5	2.47	23.4	3.50	28.6	4.92	30.8	5.64	33.2	6.44	35.3	7.27	37.0	7.90
	20	18.5	2.69	23.4	3.86	28.6	5.45	30.8	6.25	33.2	7.12	35.3	7.82	37.0	8.41
	21	18.5	2.83	23.4	4.09	28.6	5.73	30.8	6.55	33.2	7.34	35.3	8.10	37.0	8.70
	23	18.5	3.15	23.4	4.54	28.6	6.28	30.8	7.00	33.2	7.88	35.3	8.68	37.0	9.31
	25	18.5	3.53	23.4	5.08	28.6	6.72	30.8	7.53	33.2	8.45	35.3	9.29	37.0	10.02
	27	18.5	3.98	23.4	5.46	28.6	7.23	30.8	8.08	33.2	9.05	35.3	10.00	37.0	10.78
	29	18.5	4.36	23.4	5.86	28.6	7.73	30.8	8.67	33.2	9.70	35.3	10.76	37.0	11.59
	31	18.5	4.70	23.4	6.29	28.6	8.30	30.8	9.29	33.2	10.44	35.3	11.58	37.0	12.54
	33	18.5	5.02	23.4	6.73	28.6	8.90	30.8	10.02	33.2	11.31	35.3	12.53	35.8	12.81
	35	18.5	5.40	23.4	7.24	28.6	9.60	30.8	10.79	32.2	11.63	32.2	11.63	32.2	11.63
	37	18.5	5.80	23.4	7.74	28.6	10.35	28.8	10.50	28.8	10.50	28.8	10.50	28.8	10.50
	39	18.5	6.22	23.4	8.37	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42
	41	18.5	6.66	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45
	43	18.5	7.12	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46
	46	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41

7. Capacity Tables

Cooling Capacity (10HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	16.8	1.92	21.2	2.43	26.0	3.06	28.0	3.37	30.2	3.81	32.1	4.26	33.6	4.67
	12	16.8	1.96	21.2	2.46	26.0	3.17	28.0	3.62	30.2	4.14	32.1	4.66	33.6	5.04
	14	16.8	1.99	21.2	2.51	26.0	3.47	28.0	3.94	30.2	4.50	32.1	5.05	33.6	5.50
	16	16.8	2.01	21.2	2.76	26.0	3.79	28.0	4.34	30.2	4.95	32.1	5.53	33.6	6.03
	18	16.8	2.18	21.2	3.03	26.0	4.19	28.0	4.75	30.2	5.45	32.1	6.09	33.6	6.63
	20	16.8	2.37	21.2	3.31	26.0	4.61	28.0	5.27	30.2	5.99	32.1	6.75	33.6	7.25
	21	16.8	2.49	21.2	3.48	26.0	4.85	28.0	5.54	30.2	6.35	32.1	6.97	33.6	7.51
	23	16.8	2.74	21.2	3.91	26.0	5.43	28.0	6.11	30.2	6.81	32.1	7.49	33.6	8.02
	25	16.8	3.07	21.2	4.38	26.0	5.89	28.0	6.54	30.2	7.28	32.1	8.04	33.6	8.59
	27	16.8	3.46	21.2	4.82	26.0	6.32	28.0	7.00	30.2	7.82	32.1	8.57	33.6	9.21
	29	16.8	3.92	21.2	5.19	26.0	6.76	28.0	7.52	30.2	8.40	32.1	9.24	33.6	9.92
	31	16.8	4.20	21.2	5.53	26.0	7.28	28.0	8.08	30.2	9.01	32.1	9.90	33.6	10.68
	33	16.8	4.49	21.2	5.94	26.0	7.77	28.0	8.67	30.2	9.71	32.1	10.67	33.6	11.50
	35	16.8	4.84	21.2	6.36	26.0	8.35	28.0	9.30	30.2	10.46	32.1	11.55	32.2	11.63
	37	16.8	5.17	21.2	6.86	26.0	9.01	28.0	10.03	28.8	10.50	28.8	10.50	28.8	10.50
	39	16.8	5.56	21.2	7.33	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42
	41	16.8	5.97	21.2	7.89	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45
	43	16.8	6.39	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46
	46	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41
90	10	15.1	1.77	19.1	2.18	23.4	2.70	25.2	2.97	27.2	3.24	28.9	3.54	30.3	3.82
	12	15.1	1.79	19.1	2.20	23.4	2.76	25.2	3.03	27.2	3.43	28.9	3.85	30.3	4.15
	14	15.1	1.81	19.1	2.25	23.4	2.90	25.2	3.29	27.2	3.75	28.9	4.19	30.3	4.55
	16	15.1	1.83	19.1	2.35	23.4	3.19	25.2	3.63	27.2	4.09	28.9	4.57	30.3	4.95
	18	15.1	1.89	19.1	2.58	23.4	3.50	25.2	3.99	27.2	4.52	28.9	5.04	30.3	5.46
	20	15.1	2.08	19.1	2.85	23.4	3.89	25.2	4.39	27.2	4.97	28.9	5.58	30.3	6.05
	21	15.1	2.16	19.1	2.97	23.4	4.09	25.2	4.61	27.2	5.27	28.9	5.87	30.3	6.36
	23	15.1	2.40	19.1	3.30	23.4	4.55	25.2	5.17	27.2	5.87	28.9	6.40	30.3	6.87
	25	15.1	2.65	19.1	3.69	23.4	5.08	25.2	5.67	27.2	6.29	28.9	6.84	30.3	7.34
	27	15.1	2.99	19.1	4.17	23.4	5.46	25.2	6.03	27.2	6.74	28.9	7.36	30.3	7.88
	29	15.1	3.37	19.1	4.56	23.4	5.86	25.2	6.51	27.2	7.20	28.9	7.86	30.3	8.46
	31	15.1	3.72	19.1	4.87	23.4	6.29	25.2	6.97	27.2	7.74	28.9	8.44	30.3	9.07
	33	15.1	3.99	19.1	5.24	23.4	6.73	25.2	7.49	27.2	8.31	28.9	9.11	30.3	9.72
	35	15.1	4.27	19.1	5.59	23.4	7.25	25.2	8.00	27.2	8.92	28.9	9.76	30.3	10.47
	37	15.1	4.61	19.1	5.99	23.4	7.79	25.2	8.64	27.2	9.62	28.8	10.50	28.8	10.50
	39	15.1	4.93	19.1	6.47	23.4	8.37	25.2	9.27	25.5	9.42	25.5	9.42	25.5	9.42
	41	15.1	5.31	19.1	6.92	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45
	43	15.1	5.70	19.1	7.45	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46
	46	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41
80	10	13.4	1.61	17.0	1.94	20.8	2.38	22.4	2.57	24.2	2.82	25.7	3.03	26.9	3.21
	12	13.4	1.63	17.0	1.96	20.8	2.41	22.4	2.62	24.2	2.85	25.7	3.12	26.9	3.38
	14	13.4	1.65	17.0	2.01	20.8	2.46	22.4	2.73	24.2	3.07	25.7	3.42	26.9	3.70
	16	13.4	1.67	17.0	2.03	20.8	2.68	22.4	3.00	24.2	3.36	25.7	3.74	26.9	4.04
	18	13.4	1.69	17.0	2.18	20.8	2.91	22.4	3.27	24.2	3.69	25.7	4.10	26.9	4.46
	20	13.4	1.80	17.0	2.41	20.8	3.21	22.4	3.64	24.2	4.10	25.7	4.55	26.9	4.91
	21	13.4	1.89	17.0	2.53	20.8	3.38	22.4	3.82	24.2	4.32	25.7	4.78	26.9	5.16
	23	13.4	2.06	17.0	2.78	20.8	3.76	22.4	4.25	24.2	4.79	25.7	5.36	26.9	5.77
	25	13.4	2.27	17.0	3.12	20.8	4.21	22.4	4.76	24.2	5.34	25.7	5.79	26.9	6.19
	27	13.4	2.56	17.0	3.52	20.8	4.71	22.4	5.18	24.2	5.73	25.7	6.21	26.9	6.62
	29	13.4	2.88	17.0	3.96	20.8	5.03	22.4	5.53	24.2	6.15	25.7	6.69	26.9	7.13
	31	13.4	3.31	17.0	4.25	20.8	5.41	22.4	5.93	24.2	6.59	25.7	7.16	26.9	7.62
	33	13.4	3.55	17.0	4.54	20.8	5.81	22.4	6.36	24.2	7.05	25.7	7.70	26.9	8.18
	35	13.4	3.77	17.0	4.90	20.8	6.23	22.4	6.86	24.2	7.58	25.7	8.27	26.9	8.78
	37	13.4	4.04	17.0	5.23	20.8	6.67	22.4	7.33	24.2	8.14	25.7	8.87	26.9	9.47
	39	13.4	4.38	17.0	5.62	20.8	7.13	22.4	7.88	24.2	8.74	25.5	9.42	25.5	9.42
	41	13.4	4.68	17.0	6.03	20.8	7.67	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45
	43	13.4	5.05	17.0	6.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46
	46	13.4	5.61	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41

7. Capacity Tables

Cooling Capacity (10HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	11.8	1.47	14.9	1.73	18.2	2.08	19.6	2.23	21.1	2.41	22.5	2.59	23.6	2.73
	12	11.8	1.47	14.9	1.77	18.2	2.10	19.6	2.28	21.1	2.46	22.5	2.62	23.6	2.79
	14	11.8	1.49	14.9	1.79	18.2	2.13	19.6	2.30	21.1	2.51	22.5	2.74	23.6	2.94
	16	11.8	1.51	14.9	1.81	18.2	2.20	19.6	2.45	21.1	2.72	22.5	3.01	23.6	3.23
	18	11.8	1.53	14.9	1.86	18.2	2.40	19.6	2.67	21.1	3.00	22.5	3.31	23.6	3.55
	20	11.8	1.58	14.9	2.02	18.2	2.65	19.6	2.94	21.1	3.30	22.5	3.64	23.6	3.91
	21	11.8	1.65	14.9	2.12	18.2	2.78	19.6	3.10	21.1	3.48	22.5	3.83	23.6	4.15
	23	11.8	1.79	14.9	2.33	18.2	3.06	19.6	3.44	21.1	3.86	22.5	4.26	23.6	4.61
	25	11.8	1.96	14.9	2.60	18.2	3.43	19.6	3.85	21.1	4.33	22.5	4.81	23.6	5.13
	27	11.8	2.17	14.9	2.90	18.2	3.87	19.6	4.35	21.1	4.81	22.5	5.19	23.6	5.52
	29	11.8	2.44	14.9	3.31	18.2	4.26	19.6	4.67	21.1	5.14	22.5	5.58	23.6	5.92
	31	11.8	2.79	14.9	3.67	18.2	4.60	19.6	5.03	21.1	5.53	22.5	5.99	23.6	6.35
	33	11.8	3.10	14.9	3.93	18.2	4.92	19.6	5.41	21.1	5.93	22.5	6.42	23.6	6.80
	35	11.8	3.30	14.9	4.21	18.2	5.29	19.6	5.81	21.1	6.36	22.5	6.87	23.6	7.32
	37	11.8	3.55	14.9	4.51	18.2	5.68	19.6	6.23	21.1	6.80	22.5	7.39	23.6	7.86
	39	11.8	3.81	14.9	4.86	18.2	6.10	19.6	6.67	21.1	7.32	22.5	7.94	23.6	8.45
	41	11.8	4.09	14.9	5.19	18.2	6.53	19.6	7.13	21.1	7.87	22.3	8.45	22.3	8.45
	43	11.8	4.39	14.9	5.58	18.2	6.99	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46
	46	11.8	4.90	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	11.8	5.29	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41
60	10	10.1	1.33	12.7	1.55	15.6	1.81	16.8	1.92	18.1	2.06	19.3	2.20	20.2	2.30
	12	10.1	1.35	12.7	1.57	15.6	1.83	16.8	1.96	18.1	2.10	19.3	2.23	20.2	2.33
	14	10.1	1.37	12.7	1.59	15.6	1.85	16.8	1.99	18.1	2.13	19.3	2.28	20.2	2.38
	16	10.1	1.37	12.7	1.61	15.6	1.88	16.8	2.01	18.1	2.20	19.3	2.38	20.2	2.56
	18	10.1	1.39	12.7	1.63	15.6	1.98	16.8	2.18	18.1	2.39	19.3	2.62	20.2	2.79
	20	10.1	1.40	12.7	1.71	15.6	2.15	16.8	2.37	18.1	2.64	19.3	2.86	20.2	3.08
	21	10.1	1.43	12.7	1.77	15.6	2.26	16.8	2.49	18.1	2.75	19.3	3.01	20.2	3.24
	23	10.1	1.53	12.7	1.93	15.6	2.48	16.8	2.74	18.1	3.06	19.3	3.35	20.2	3.60
	25	10.1	1.66	12.7	2.15	15.6	2.75	16.8	3.07	18.1	3.42	19.3	3.75	20.2	4.03
	27	10.1	1.83	12.7	2.39	15.6	3.10	16.8	3.46	18.1	3.86	19.3	4.23	20.2	4.52
	29	10.1	2.05	12.7	2.69	15.6	3.53	16.8	3.92	18.1	4.26	19.3	4.61	20.2	4.87
	31	10.1	2.33	12.7	3.10	15.6	3.86	16.8	4.20	18.1	4.56	19.3	4.92	20.2	5.20
	33	10.1	2.69	12.7	3.33	15.6	4.13	16.8	4.49	18.1	4.91	19.3	5.30	20.2	5.59
	35	10.1	2.89	12.7	3.58	15.6	4.42	16.8	4.84	18.1	5.24	19.3	5.69	20.2	5.99
	37	10.1	3.08	12.7	3.84	15.6	4.77	16.8	5.17	18.1	5.63	19.3	6.10	20.2	6.42
	39	10.1	3.32	12.7	4.12	15.6	5.10	16.8	5.56	18.1	6.04	19.3	6.54	20.2	6.92
	41	10.1	3.57	12.7	4.41	15.6	5.48	16.8	5.96	18.1	6.48	19.3	6.99	20.2	7.40
	43	10.1	3.80	12.7	4.77	15.6	5.89	16.8	6.39	18.1	6.98	19.2	7.46	19.2	7.46
	46	10.1	4.28	12.7	5.31	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	10.1	4.59	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41
50	10	8.4	1.22	10.6	1.37	13.0	1.57	14.0	1.67	15.1	1.77	16.1	1.85	16.8	1.92
	12	8.4	1.22	10.6	1.39	13.0	1.59	14.0	1.69	15.1	1.79	16.1	1.88	16.8	1.96
	14	8.4	1.24	10.6	1.40	13.0	1.61	14.0	1.71	15.1	1.81	16.1	1.90	16.8	1.99
	16	8.4	1.25	10.6	1.42	13.0	1.63	14.0	1.73	15.1	1.83	16.1	1.94	16.8	2.01
	18	8.4	1.25	10.6	1.44	13.0	1.65	14.0	1.75	15.1	1.89	16.1	2.05	16.8	2.18
	20	8.4	1.27	10.6	1.46	13.0	1.74	14.0	1.89	15.1	2.06	16.1	2.23	16.8	2.37
	21	8.4	1.27	10.6	1.50	13.0	1.83	14.0	1.98	15.1	2.16	16.1	2.34	16.8	2.50
	23	8.4	1.33	10.6	1.61	13.0	1.99	14.0	2.17	15.1	2.37	16.1	2.57	16.8	2.74
	25	8.4	1.41	10.6	1.76	13.0	2.19	14.0	2.39	15.1	2.65	16.1	2.88	16.8	3.07
	27	8.4	1.53	10.6	1.94	13.0	2.43	14.0	2.70	15.1	2.99	16.1	3.25	16.8	3.47
	29	8.4	1.70	10.6	2.17	13.0	2.77	14.0	3.04	15.1	3.37	16.1	3.70	16.8	3.92
	31	8.4	1.92	10.6	2.47	13.0	3.16	14.0	3.44	15.1	3.72	16.1	4.00	16.8	4.20
	33	8.4	2.22	10.6	2.81	13.0	3.42	14.0	3.69	15.1	3.99	16.1	4.28	16.8	4.49
	35	8.4	2.49	10.6	3.03	13.0	3.67	14.0	3.96	15.1	4.27	16.1	4.58	16.8	4.84
	37	8.4	2.65	10.6	3.22	13.0	3.93	14.0	4.24	15.1	4.61	16.1	4.94	16.8	5.17
	39	8.4	2.82	10.6	3.47	13.0	4.22	14.0	4.54	15.1	4.93	16.1	5.27	16.8	5.56
	41	8.4	3.05	10.6	3.73	13.0	4.52	14.0	4.90	15.1	5.30	16.1	5.66	16.8	5.97
	43	8.4	3.25	10.6	4.01	13.0	4.83	14.0	5.23	15.1	5.70	16.1	6.08	16.8	6.40
	46	8.4	3.65	10.6	4.45	13.0	5.38	14.0	5.85	14.8	6.18	14.8	6.18	14.8	6.18
	48	8.4	3.93	10.6	4.81	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM120LTE5

Cooling Capacity (12HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	26.2	3.14	33.1	4.33	40.5	6.37	43.7	7.33	47.1	8.48	50.1	9.57	52.5	10.44
	12	26.2	3.20	33.1	4.72	40.5	6.84	43.7	7.86	47.1	9.07	50.1	10.24	52.5	11.24
	14	26.2	3.39	33.1	5.09	40.5	7.38	43.7	8.51	47.1	9.83	50.1	11.13	52.5	12.07
	16	26.2	3.70	33.1	5.54	40.5	8.04	43.7	9.27	47.1	10.64	50.1	11.80	52.5	12.85
	18	26.2	4.07	33.1	6.06	40.5	8.77	43.7	9.97	47.1	11.31	50.1	12.65	52.5	13.70
	20	26.2	4.46	33.1	6.65	40.5	9.42	43.7	10.67	47.1	12.09	50.1	13.52	52.5	14.77
	21	26.2	4.71	33.1	7.01	40.5	9.73	43.7	11.01	47.1	12.53	50.1	14.07	52.5	15.31
	23	26.2	5.19	33.1	7.60	40.5	10.39	43.7	11.80	47.1	13.48	50.1	15.20	52.5	16.61
	25	26.2	5.80	33.1	8.14	40.5	11.20	43.7	12.70	47.1	14.58	50.1	16.51	51.6	17.52
	27	26.2	6.21	33.1	8.72	40.5	12.02	43.7	13.76	47.1	15.86	50.1	18.05	50.2	18.14
	29	26.2	6.69	33.1	9.34	40.5	12.96	43.7	14.91	47.1	17.35	48.5	18.51	48.5	18.51
	31	26.2	7.15	33.1	10.05	40.5	14.06	43.7	16.25	44.3	16.74	44.3	16.74	44.3	16.74
	33	26.2	7.69	33.1	10.81	40.1	15.05	40.1	15.05	40.1	15.05	40.1	15.05	40.1	15.05
	35	26.2	8.25	33.1	11.69	36.1	13.58	36.1	13.58	36.1	13.58	36.1	13.58	36.1	13.58
	37	26.2	8.90	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18
	39	26.2	9.60	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84
	41	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57
	43	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48
	46	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97
120	10	24.2	2.84	30.6	3.83	37.4	5.47	40.3	6.31	43.5	7.27	46.3	8.16	48.5	8.95
	12	24.2	2.90	30.6	4.07	37.4	5.90	40.3	6.78	43.5	7.79	46.3	8.79	48.5	9.58
	14	24.2	2.96	30.6	4.42	37.4	6.38	40.3	7.32	43.5	8.44	46.3	9.52	48.5	10.42
	16	24.2	3.25	30.6	4.83	37.4	6.92	40.3	7.97	43.5	9.20	46.3	10.30	48.5	11.15
	18	24.2	3.56	30.6	5.29	37.4	7.55	40.3	8.69	43.5	9.90	46.3	11.01	48.5	11.90
	20	24.2	3.94	30.6	5.81	37.4	8.27	40.3	9.36	43.5	10.54	46.3	11.77	48.5	12.71
	21	24.2	4.13	30.6	6.08	37.4	8.55	40.3	9.66	43.5	10.94	46.3	12.14	48.5	13.18
	23	24.2	4.56	30.6	6.72	37.4	9.14	40.3	10.31	43.5	11.71	46.3	13.06	48.5	14.23
	25	24.2	5.10	30.6	7.22	37.4	9.82	40.3	11.06	43.5	12.62	46.3	14.13	48.5	15.39
	27	24.2	5.60	30.6	7.75	37.4	10.55	40.3	11.93	43.5	13.60	46.3	15.30	48.5	16.75
	29	24.2	6.00	30.6	8.31	37.4	11.33	40.3	12.87	43.5	14.81	46.3	16.74	48.5	18.41
	31	24.2	6.43	30.6	8.91	37.4	12.23	40.3	13.97	43.5	16.14	44.3	16.74	44.3	16.74
	33	24.2	6.92	30.6	9.59	37.4	13.28	40.1	15.05	40.1	15.05	40.1	15.05	40.1	15.05
	35	24.2	7.40	30.6	10.33	36.1	13.58	36.1	13.58	36.1	13.58	36.1	13.58	36.1	13.58
	37	24.2	7.95	30.6	11.18	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18
	39	24.2	8.58	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84
	41	24.2	9.20	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57
	43	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48
	46	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97
110	10	22.2	2.56	28.0	3.43	34.3	4.63	37.0	5.36	39.9	6.14	42.4	6.96	44.4	7.58
	12	22.2	2.61	28.0	3.49	34.3	5.03	37.0	5.74	39.9	6.61	42.4	7.46	44.4	8.12
	14	22.2	2.67	28.0	3.79	34.3	5.42	37.0	6.21	39.9	7.18	42.4	8.04	44.4	8.79
	16	22.2	2.84	28.0	4.16	34.3	5.89	37.0	6.79	39.9	7.78	42.4	8.76	44.4	9.58
	18	22.2	3.12	28.0	4.53	34.3	6.48	37.0	7.40	39.9	8.53	42.4	9.50	44.4	10.24
	20	22.2	3.42	28.0	5.00	34.3	7.11	37.0	8.14	39.9	9.16	42.4	10.12	44.4	10.96
	21	22.2	3.59	28.0	5.23	34.3	7.49	37.0	8.41	39.9	9.47	42.4	10.50	44.4	11.31
	23	22.2	3.97	28.0	5.81	34.3	7.98	37.0	9.00	39.9	10.16	42.4	11.25	44.4	12.17
	25	22.2	4.45	28.0	6.35	34.3	8.54	37.0	9.62	39.9	10.90	42.4	12.06	44.4	13.11
	27	22.2	4.98	28.0	6.84	34.3	9.19	37.0	10.33	39.9	11.70	42.4	13.00	44.4	14.19
	29	22.2	5.35	28.0	7.31	34.3	9.84	37.0	11.10	39.9	12.62	42.4	14.09	44.4	15.38
	31	22.2	5.75	28.0	7.84	34.3	10.64	37.0	11.99	39.9	13.69	42.4	15.36	44.3	16.74
	33	22.2	6.16	28.0	8.42	34.3	11.44	37.0	13.02	39.9	14.86	40.1	15.05	40.1	15.05
	35	22.2	6.59	28.0	9.08	34.3	12.43	36.1	13.58	36.1	13.58	36.1	13.58	36.1	13.58
	37	22.2	7.10	28.0	9.78	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18
	39	22.2	7.63	28.0	10.53	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84
	41	22.2	8.19	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57
	43	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48
	46	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97

7. Capacity Tables

Cooling Capacity (12HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	20.2	2.32	25.5	3.02	31.2	3.94	33.6	4.47	36.2	5.15	38.6	5.80	40.4	6.31
	12	20.2	2.37	25.5	3.08	31.2	4.22	33.6	4.82	36.2	5.57	38.6	6.25	40.4	6.79
	14	20.2	2.40	25.5	3.22	31.2	4.57	33.6	5.24	36.2	6.03	38.6	6.75	40.4	7.32
	16	20.2	2.45	25.5	3.55	31.2	4.99	33.6	5.71	36.2	6.54	38.6	7.31	40.4	7.98
	18	20.2	2.71	25.5	3.88	31.2	5.46	33.6	6.23	36.2	7.13	38.6	8.02	40.4	8.75
	20	20.2	2.95	25.5	4.25	31.2	6.00	33.6	6.84	36.2	7.88	38.6	8.70	40.4	9.36
	21	20.2	3.10	25.5	4.49	31.2	6.28	33.6	7.21	36.2	8.16	38.6	9.00	40.4	9.67
	23	20.2	3.43	25.5	4.95	31.2	6.94	33.6	7.78	36.2	8.73	38.6	9.61	40.4	10.37
	25	20.2	3.85	25.5	5.54	31.2	7.41	33.6	8.28	36.2	9.33	38.6	10.32	40.4	11.13
	27	20.2	4.31	25.5	5.98	31.2	7.95	33.6	8.92	36.2	10.03	38.6	11.08	40.4	11.94
	29	20.2	4.74	25.5	6.41	31.2	8.52	33.6	9.55	36.2	10.78	38.6	11.95	40.4	12.94
	31	20.2	5.10	25.5	6.90	31.2	9.18	33.6	10.27	36.2	11.59	38.6	12.91	40.4	14.04
	33	20.2	5.48	25.5	7.37	31.2	9.88	33.6	11.11	36.2	12.58	38.6	14.01	40.1	15.05
	35	20.2	5.88	25.5	7.92	31.2	10.64	33.6	12.00	36.1	13.58	36.1	13.58	36.1	13.58
	37	20.2	6.30	25.5	8.55	31.2	11.51	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18
	39	20.2	6.79	25.5	9.17	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84
	41	20.2	7.25	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57
	43	20.2	7.80	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48
	46	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97
90	10	18.2	2.08	22.9	2.67	28.0	3.43	30.2	3.80	32.6	4.23	34.7	4.73	36.3	5.19
	12	18.2	2.12	22.9	2.73	28.0	3.49	30.2	3.98	32.6	4.57	34.7	5.13	36.3	5.57
	14	18.2	2.15	22.9	2.78	28.0	3.79	30.2	4.36	32.6	4.97	34.7	5.57	36.3	6.03
	16	18.2	2.20	22.9	3.00	28.0	4.16	30.2	4.73	32.6	5.42	34.7	6.06	36.3	6.55
	18	18.2	2.32	22.9	3.29	28.0	4.54	30.2	5.18	32.6	5.92	34.7	6.61	36.3	7.19
	20	18.2	2.55	22.9	3.61	28.0	5.00	30.2	5.69	32.6	6.50	34.7	7.25	36.3	7.89
	21	18.2	2.68	22.9	3.78	28.0	5.24	30.2	5.96	32.6	6.81	34.7	7.61	36.3	8.17
	23	18.2	2.97	22.9	4.18	28.0	5.81	30.2	6.65	32.6	7.42	34.7	8.16	36.3	8.74
	25	18.2	3.30	22.9	4.68	28.0	6.40	30.2	7.10	32.6	7.95	34.7	8.73	36.3	9.40
	27	18.2	3.70	22.9	5.19	28.0	6.84	30.2	7.63	32.6	8.52	34.7	9.34	36.3	10.05
	29	18.2	4.18	22.9	5.57	28.0	7.35	30.2	8.18	32.6	9.13	34.7	10.05	36.3	10.80
	31	18.2	4.49	22.9	5.98	28.0	7.85	30.2	8.77	32.6	9.82	34.7	10.80	36.3	11.66
	33	18.2	4.84	22.9	6.45	28.0	8.47	30.2	9.45	32.6	10.57	34.7	11.68	36.3	12.60
	35	18.2	5.16	22.9	6.89	28.0	9.08	30.2	10.17	32.6	11.43	34.7	12.69	36.1	13.58
	37	18.2	5.55	22.9	7.41	28.0	9.78	30.2	10.95	32.2	12.18	32.2	12.18	32.2	12.18
	39	18.2	5.95	22.9	7.96	28.0	10.54	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84
	41	18.2	6.42	22.9	8.55	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57
	43	18.2	6.87	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48
	46	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97
80	10	16.1	1.87	20.4	2.35	24.9	2.96	26.9	3.24	29.0	3.59	30.8	3.91	32.3	4.16
	12	16.1	1.89	20.4	2.40	24.9	3.02	26.9	3.30	29.0	3.70	30.8	4.13	32.3	4.51
	14	16.1	1.94	20.4	2.42	24.9	3.13	26.9	3.56	29.0	4.02	30.8	4.51	32.3	4.87
	16	16.1	1.96	20.4	2.50	24.9	3.42	26.9	3.88	29.0	4.41	30.8	4.89	32.3	5.32
	18	16.1	1.99	20.4	2.75	24.9	3.74	26.9	4.23	29.0	4.80	30.8	5.35	32.3	5.81
	20	16.1	2.19	20.4	3.03	24.9	4.10	26.9	4.66	29.0	5.28	30.8	5.88	32.3	6.38
	21	16.1	2.28	20.4	3.14	24.9	4.34	26.9	4.89	29.0	5.57	30.8	6.20	32.3	6.73
	23	16.1	2.52	20.4	3.51	24.9	4.78	26.9	5.43	29.0	6.18	30.8	6.83	32.3	7.30
	25	16.1	2.80	20.4	3.90	24.9	5.35	26.9	6.01	29.0	6.69	30.8	7.33	32.3	7.83
	27	16.1	3.11	20.4	4.37	24.9	5.82	26.9	6.44	29.0	7.15	30.8	7.82	32.3	8.39
	29	16.1	3.52	20.4	4.83	24.9	6.23	26.9	6.93	29.0	7.68	30.8	8.39	32.3	8.99
	31	16.1	3.92	20.4	5.16	24.9	6.67	26.9	7.40	29.0	8.24	30.8	9.04	32.3	9.68
	33	16.1	4.24	20.4	5.54	24.9	7.18	26.9	7.95	29.0	8.88	30.8	9.74	32.3	10.42
	35	16.1	4.53	20.4	5.94	24.9	7.71	26.9	8.58	29.0	9.51	30.8	10.48	32.3	11.27
	37	16.1	4.88	20.4	6.36	24.9	8.28	26.9	9.20	29.0	10.31	30.8	11.34	32.2	12.18
	39	16.1	5.21	20.4	6.86	24.9	8.94	26.9	9.91	28.5	10.84	28.5	10.84	28.5	10.84
	41	16.1	5.60	20.4	7.38	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57
	43	16.1	6.00	20.4	7.93	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48
	46	16.1	6.73	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97

7. Capacity Tables

Cooling Capacity (12HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	14.1	1.68	17.8	2.05	21.8	2.53	23.5	2.75	25.4	3.02	27.0	3.27	28.3	3.46
	12	14.1	1.70	17.8	2.08	21.8	2.56	23.5	2.81	25.4	3.08	27.0	3.33	28.3	3.53
	14	14.1	1.72	17.8	2.12	21.8	2.61	23.5	2.87	25.4	3.21	27.0	3.56	28.3	3.88
	16	14.1	1.74	17.8	2.15	21.8	2.76	23.5	3.12	25.4	3.51	27.0	3.88	28.3	4.22
	18	14.1	1.76	17.8	2.28	21.8	3.04	23.5	3.42	25.4	3.84	27.0	4.27	28.3	4.59
	20	14.1	1.88	17.8	2.48	21.8	3.34	23.5	3.75	25.4	4.24	27.0	4.67	28.3	5.06
	21	14.1	1.94	17.8	2.61	21.8	3.50	23.5	3.93	25.4	4.45	27.0	4.94	28.3	5.34
	23	14.1	2.12	17.8	2.88	21.8	3.87	23.5	4.38	25.4	4.94	27.0	5.48	28.3	5.92
	25	14.1	2.36	17.8	3.21	21.8	4.34	23.5	4.86	25.4	5.49	27.0	6.06	28.3	6.46
	27	14.1	2.61	17.8	3.60	21.8	4.85	23.5	5.39	25.4	5.93	27.0	6.49	28.3	6.90
	29	14.1	2.95	17.8	4.07	21.8	5.25	23.5	5.78	25.4	6.40	27.0	6.94	28.3	7.42
	31	14.1	3.38	17.8	4.40	21.8	5.63	23.5	6.20	25.4	6.85	27.0	7.46	28.3	7.97
	33	14.1	3.67	17.8	4.74	21.8	6.04	23.5	6.63	25.4	7.36	27.0	8.01	28.3	8.54
	35	14.1	3.94	17.8	5.06	21.8	6.47	23.5	7.14	25.4	7.91	27.0	8.59	28.3	9.21
	37	14.1	4.22	17.8	5.44	21.8	6.97	23.5	7.67	25.4	8.48	27.0	9.26	28.3	9.93
	39	14.1	4.51	17.8	5.83	21.8	7.49	23.5	8.24	25.4	9.15	27.0	9.98	28.3	10.69
	41	14.1	4.87	17.8	6.30	21.8	8.05	23.5	8.89	24.9	9.57	24.9	9.57	24.9	9.57
	43	14.1	5.24	17.8	6.74	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48
	46	14.1	5.81	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97
60	10	12.1	1.51	15.3	1.78	18.7	2.15	20.2	2.32	21.7	2.50	23.1	2.70	24.2	2.84
	12	12.1	1.53	15.3	1.81	18.7	2.17	20.2	2.35	21.7	2.56	23.1	2.75	24.2	2.90
	14	12.1	1.54	15.3	1.85	18.7	2.22	20.2	2.40	21.7	2.61	23.1	2.81	24.2	2.96
	16	12.1	1.56	15.3	1.87	18.7	2.27	20.2	2.45	21.7	2.76	23.1	3.04	24.2	3.25
	18	12.1	1.58	15.3	1.89	18.7	2.42	20.2	2.71	21.7	3.03	23.1	3.33	24.2	3.56
	20	12.1	1.60	15.3	2.04	18.7	2.67	20.2	2.95	21.7	3.33	23.1	3.66	24.2	3.94
	21	12.1	1.66	15.3	2.14	18.7	2.80	20.2	3.10	21.7	3.49	23.1	3.83	24.2	4.13
	23	12.1	1.79	15.3	2.36	18.7	3.10	20.2	3.43	21.7	3.86	23.1	4.23	24.2	4.56
	25	12.1	1.96	15.3	2.60	18.7	3.45	20.2	3.85	21.7	4.29	23.1	4.74	24.2	5.10
	27	12.1	2.16	15.3	2.91	18.7	3.86	20.2	4.31	21.7	4.85	23.1	5.28	24.2	5.60
	29	12.1	2.45	15.3	3.30	18.7	4.34	20.2	4.74	21.7	5.20	23.1	5.67	24.2	6.01
	31	12.1	2.77	15.3	3.70	18.7	4.64	20.2	5.10	21.7	5.59	23.1	6.08	24.2	6.43
	33	12.1	3.15	15.3	4.00	18.7	5.00	20.2	5.48	21.7	5.99	23.1	6.51	24.2	6.93
	35	12.1	3.38	15.3	4.28	18.7	5.37	20.2	5.88	21.7	6.46	23.1	7.01	24.2	7.40
	37	12.1	3.60	15.3	4.58	18.7	5.77	20.2	6.30	21.7	6.91	23.1	7.48	24.2	7.95
	39	12.1	3.86	15.3	4.93	18.7	6.18	20.2	6.79	21.7	7.43	23.1	8.04	24.2	8.58
	41	12.1	4.18	15.3	5.30	18.7	6.62	20.2	7.25	21.7	7.99	23.1	8.68	24.2	9.26
	43	12.1	4.47	15.3	5.70	18.7	7.13	20.2	7.80	21.5	8.48	21.5	8.48	21.5	8.48
	46	12.1	4.99	15.3	6.30	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	12.1	5.37	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97
50	10	10.1	1.35	12.7	1.56	15.6	1.83	16.8	1.94	18.1	2.08	19.3	2.22	20.2	2.32
	12	10.1	1.35	12.7	1.58	15.6	1.85	16.8	1.98	18.1	2.12	19.3	2.25	20.2	2.37
	14	10.1	1.36	12.7	1.60	15.6	1.87	16.8	2.01	18.1	2.15	19.3	2.30	20.2	2.40
	16	10.1	1.38	12.7	1.62	15.6	1.89	16.8	2.03	18.1	2.20	19.3	2.32	20.2	2.47
	18	10.1	1.40	12.7	1.64	15.6	1.94	16.8	2.11	18.1	2.32	19.3	2.53	20.2	2.71
	20	10.1	1.42	12.7	1.68	15.6	2.10	16.8	2.30	18.1	2.55	19.3	2.78	20.2	2.98
	21	10.1	1.42	12.7	1.74	15.6	2.20	16.8	2.42	18.1	2.68	19.3	2.92	20.2	3.10
	23	10.1	1.52	12.7	1.89	15.6	2.40	16.8	2.67	18.1	2.93	19.3	3.23	20.2	3.46
	25	10.1	1.64	12.7	2.09	15.6	2.68	16.8	2.94	18.1	3.26	19.3	3.60	20.2	3.85
	27	10.1	1.80	12.7	2.31	15.6	2.97	16.8	3.30	18.1	3.66	19.3	4.03	20.2	4.31
	29	10.1	2.00	12.7	2.59	15.6	3.36	16.8	3.73	18.1	4.18	19.3	4.49	20.2	4.74
	31	10.1	2.26	12.7	2.96	15.6	3.78	16.8	4.11	18.1	4.49	19.3	4.84	20.2	5.10
	33	10.1	2.59	12.7	3.32	15.6	4.05	16.8	4.43	18.1	4.80	19.3	5.16	20.2	5.48
	35	10.1	2.87	12.7	3.53	15.6	4.38	16.8	4.74	18.1	5.16	19.3	5.55	20.2	5.88
	37	10.1	3.05	12.7	3.78	15.6	4.68	16.8	5.10	18.1	5.55	19.3	5.95	20.2	6.30
	39	10.1	3.29	12.7	4.10	15.6	5.04	16.8	5.48	18.1	5.95	19.3	6.42	20.2	6.79
	41	10.1	3.54	12.7	4.39	15.6	5.42	16.8	5.88	18.1	6.37	19.3	6.87	20.2	7.31
	43	10.1	3.80	12.7	4.69	15.6	5.82	16.8	6.30	18.1	6.87	19.3	7.39	20.2	7.85
	46	10.1	4.23	12.7	5.22	15.6	6.47	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	10.1	4.53	12.7	5.62	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM140LTE5

Cooling Capacity (14HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	30.6	3.61	38.6	5.13	47.3	7.21	51.0	8.37	54.9	9.70	58.5	10.96	61.2	11.93
	12	30.6	3.72	38.6	5.26	47.3	7.67	51.0	8.85	54.9	10.21	58.5	11.51	60.7	12.31
	14	30.6	3.79	38.6	5.59	47.3	8.18	51.0	9.40	54.9	10.87	58.5	12.24	60.0	12.77
	16	30.6	3.99	38.6	6.05	47.3	8.76	51.0	10.09	54.9	11.65	58.5	13.10	59.2	13.35
	18	30.6	4.36	38.6	6.58	47.3	9.48	51.0	10.90	54.9	12.57	58.2	14.04	58.3	14.04
	20	30.6	4.81	38.6	7.17	47.3	10.33	51.0	11.91	54.9	13.52	57.3	14.46	57.3	14.46
	21	30.6	5.04	38.6	7.53	47.3	10.80	51.0	12.32	54.9	13.93	56.8	14.67	56.8	14.67
	23	30.6	5.59	38.6	8.33	47.3	11.62	51.0	13.06	54.9	14.81	55.7	15.13	55.7	15.12
	25	30.6	6.23	38.6	9.17	47.3	12.35	51.0	13.93	54.7	15.63	54.6	15.62	54.5	15.61
	27	30.6	6.99	38.6	9.75	47.3	13.19	51.0	14.87	53.5	16.15	53.3	16.14	53.2	16.12
	29	30.6	7.58	38.6	10.36	47.3	14.11	51.0	16.03	52.2	16.71	52.0	16.69	51.9	16.67
	31	30.6	8.04	38.6	11.06	47.3	15.17	51.0	17.31	50.9	17.30	50.7	17.27	50.5	17.24
	33	30.6	8.58	38.6	11.87	47.3	16.40	49.7	17.95	49.5	17.91	49.2	17.87	49.2	17.87
	35	30.6	9.14	38.6	12.74	47.3	17.83	48.3	18.59	48.2	18.58	48.2	18.58	48.2	18.58
	37	30.6	9.79	38.6	13.68	46.8	19.11	46.8	19.11	46.8	19.11	46.8	19.11	46.8	19.11
	39	30.6	10.49	38.6	14.84	41.5	16.74	41.5	16.74	41.5	16.74	41.5	16.74	41.5	16.74
	41	30.6	11.29	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58
	43	30.6	12.15	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55
	46	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95
	48	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37
120	10	28.2	3.25	35.7	4.53	43.6	6.29	47.0	7.16	50.7	8.31	54.0	9.38	56.5	10.23
	12	28.2	3.31	35.7	4.65	43.6	6.57	47.0	7.61	50.7	8.78	54.0	9.88	56.5	10.76
	14	28.2	3.41	35.7	4.83	43.6	7.04	47.0	8.11	50.7	9.33	54.0	10.53	56.5	11.45
	16	28.2	3.48	35.7	5.25	43.6	7.56	47.0	8.69	50.7	10.02	54.0	11.23	56.5	12.26
	18	28.2	3.80	35.7	5.68	43.6	8.17	47.0	9.41	50.7	10.82	54.0	12.17	56.5	13.28
	20	28.2	4.18	35.7	6.22	43.6	8.92	47.0	10.25	50.7	11.77	54.0	13.16	56.5	14.16
	21	28.2	4.42	35.7	6.55	43.6	9.34	47.0	10.72	50.7	12.25	54.0	13.51	56.5	14.59
	23	28.2	4.89	35.7	7.22	43.6	10.27	47.0	11.55	50.7	12.99	54.0	14.37	55.8	15.13
	25	28.2	5.47	35.7	8.05	43.6	10.93	47.0	12.27	50.7	13.85	54.0	15.31	54.6	15.62
	27	28.2	6.15	35.7	8.72	43.6	11.64	47.0	13.05	50.7	14.78	53.5	16.16	53.4	16.15
	29	28.2	6.83	35.7	9.28	43.6	12.40	47.0	14.02	50.7	15.87	52.2	16.71	52.1	16.70
	31	28.2	7.30	35.7	9.87	43.6	13.28	47.0	15.01	50.7	17.14	50.9	17.30	50.8	17.28
	33	28.2	7.75	35.7	10.55	43.6	14.31	47.0	16.24	49.7	17.95	49.5	17.92	49.3	17.89
	35	28.2	8.28	35.7	11.28	43.6	15.42	47.0	17.65	48.3	18.60	48.2	18.58	48.2	18.58
	37	28.2	8.83	35.7	12.12	43.6	16.79	46.8	19.11	46.8	19.11	46.8	19.11	46.8	19.11
	39	28.2	9.47	35.7	13.09	41.5	16.74	41.5	16.74	41.5	16.74	41.5	16.74	41.5	16.74
	41	28.2	10.14	35.7	14.15	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58
	43	28.2	10.87	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55
	46	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95
	48	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37
110	10	25.9	2.91	32.7	4.00	40.0	5.43	43.1	6.15	46.5	7.01	49.5	7.89	51.8	8.68
	12	25.9	2.97	32.7	4.07	40.0	5.56	43.1	6.41	46.5	7.44	49.5	8.35	51.8	9.16
	14	25.9	3.03	32.7	4.19	40.0	5.97	43.1	6.87	46.5	7.93	49.5	8.93	51.8	9.72
	16	25.9	3.09	32.7	4.46	40.0	6.45	43.1	7.39	46.5	8.50	49.5	9.55	51.8	10.43
	18	25.9	3.29	32.7	4.89	40.0	6.99	43.1	8.03	46.5	9.21	49.5	10.32	51.8	11.26
	20	25.9	3.63	32.7	5.38	40.0	7.66	43.1	8.72	46.5	10.03	49.5	11.23	51.8	12.25
	21	25.9	3.85	32.7	5.63	40.0	7.99	43.1	9.13	46.5	10.50	49.5	11.78	51.8	12.66
	23	25.9	4.27	32.7	6.23	40.0	8.82	43.1	10.12	46.5	11.35	49.5	12.50	51.8	13.42
	25	25.9	4.76	32.7	6.93	40.0	9.61	43.1	10.74	46.5	12.06	49.5	13.27	51.8	14.30
	27	25.9	5.37	32.7	7.74	40.0	10.25	43.1	11.44	46.5	12.83	49.5	14.17	51.8	15.33
	29	25.9	6.10	32.7	8.26	40.0	10.88	43.1	12.19	46.5	13.73	49.5	15.21	51.8	16.46
	31	25.9	6.55	32.7	8.80	40.0	11.67	43.1	13.06	46.5	14.76	49.5	16.43	51.0	17.32
	33	25.9	6.97	32.7	9.38	40.0	12.46	43.1	14.06	46.5	15.89	49.5	17.77	49.7	17.94
	35	25.9	7.46	32.7	10.04	40.0	13.43	43.1	15.16	46.5	17.28	48.4	18.61	48.2	18.58
	37	25.9	7.92	32.7	10.74	40.0	14.49	43.1	16.43	46.5	18.90	46.8	19.11	46.8	19.11
	39	25.9	8.45	32.7	11.49	40.0	15.72	41.5	16.74	41.5	16.74	41.5	16.74	41.5	16.74
	41	25.9	9.07	32.7	12.36	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58
	43	25.9	9.73	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55
	46	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95
	48	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37

7. Capacity Tables

Cooling Capacity (14HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	23.5	2.59	29.7	3.48	36.4	4.69	39.2	5.26	42.3	5.96	45.0	6.62	47.1	7.16
	12	23.5	2.65	29.7	3.58	36.4	4.81	39.2	5.39	42.3	6.18	45.0	6.97	47.1	7.62
	14	23.5	2.70	29.7	3.65	36.4	4.98	39.2	5.75	42.3	6.63	45.0	7.45	47.1	8.12
	16	23.5	2.76	29.7	3.77	36.4	5.41	39.2	6.22	42.3	7.14	45.0	7.99	47.1	8.75
	18	23.5	2.82	29.7	4.16	36.4	5.90	39.2	6.75	42.3	7.72	45.0	8.67	47.1	9.42
	20	23.5	3.12	29.7	4.56	36.4	6.45	39.2	7.36	42.3	8.44	45.0	9.46	47.1	10.26
	21	23.5	3.29	29.7	4.78	36.4	6.78	39.2	7.72	42.3	8.84	45.0	9.90	47.1	10.73
	23	23.5	3.70	29.7	5.32	36.4	7.47	39.2	8.53	42.3	9.75	45.0	10.77	47.1	11.55
	25	23.5	4.13	29.7	5.94	36.4	8.33	39.2	9.36	42.3	10.42	45.0	11.46	47.1	12.28
	27	23.5	4.65	29.7	6.67	36.4	8.95	39.2	9.94	42.3	11.10	45.0	12.19	47.1	13.12
	29	23.5	5.30	29.7	7.30	36.4	9.52	39.2	10.61	42.3	11.83	45.0	13.05	47.1	14.03
	31	23.5	5.89	29.7	7.75	36.4	10.13	39.2	11.33	42.3	12.68	45.0	13.97	47.1	15.09
	33	23.5	6.23	29.7	8.28	36.4	10.83	39.2	12.09	42.3	13.59	45.0	15.04	47.1	16.31
	35	23.5	6.68	29.7	8.83	36.4	11.63	39.2	12.98	42.3	14.65	45.0	16.29	47.1	17.66
	37	23.5	7.10	29.7	9.46	36.4	12.50	39.2	14.01	42.3	15.88	45.0	17.73	46.8	19.11
	39	23.5	7.60	29.7	10.08	36.4	13.43	39.2	15.19	41.5	16.74	41.5	16.74	41.5	16.74
	41	23.5	8.06	29.7	10.85	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58
	43	23.5	8.66	29.7	11.62	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55
	46	23.5	9.54	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95
	48	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37
90	10	21.2	2.29	26.7	3.03	32.7	4.00	35.3	4.45	38.0	5.01	40.5	5.56	42.4	5.96
	12	21.2	2.35	26.7	3.09	32.7	4.07	35.3	4.57	38.0	5.13	40.5	5.69	42.4	6.23
	14	21.2	2.37	26.7	3.15	32.7	4.19	35.3	4.73	38.0	5.44	40.5	6.13	42.4	6.64
	16	21.2	2.43	26.7	3.22	32.7	4.46	35.3	5.15	38.0	5.89	40.5	6.61	42.4	7.20
	18	21.2	2.48	26.7	3.49	32.7	4.90	35.3	5.58	38.0	6.40	40.5	7.16	42.4	7.78
	20	21.2	2.69	26.7	3.85	32.7	5.38	35.3	6.11	38.0	6.99	40.5	7.80	42.4	8.50
	21	21.2	2.84	26.7	4.04	32.7	5.63	35.3	6.43	38.0	7.34	40.5	8.18	42.4	8.86
	23	21.2	3.14	26.7	4.48	32.7	6.23	35.3	7.09	38.0	8.07	40.5	9.03	42.4	9.77
	25	21.2	3.52	26.7	5.02	32.7	6.98	35.3	7.91	38.0	8.94	40.5	9.79	42.4	10.48
	27	21.2	4.01	26.7	5.66	32.7	7.75	35.3	8.60	38.0	9.51	40.5	10.44	42.4	11.16
	29	21.2	4.55	26.7	6.41	32.7	8.26	35.3	9.15	38.0	10.15	40.5	11.08	42.4	11.90
	31	21.2	5.20	26.7	6.82	32.7	8.80	35.3	9.74	38.0	10.85	40.5	11.88	42.4	12.75
	33	21.2	5.57	26.7	7.25	32.7	9.38	35.3	10.41	38.0	11.59	40.5	12.75	42.4	13.67
	35	21.2	5.94	26.7	7.74	32.7	10.04	35.3	11.13	38.0	12.44	40.5	13.68	42.4	14.73
	37	21.2	6.33	26.7	8.27	32.7	10.74	35.3	11.97	38.0	13.36	40.5	14.76	42.4	15.97
	39	21.2	6.74	26.7	8.82	32.7	11.50	35.3	12.86	38.0	14.43	40.5	16.01	41.5	16.74
	41	21.2	7.17	26.7	9.46	32.7	12.37	35.3	13.90	36.3	14.58	36.3	14.58	36.3	14.58
	43	21.2	7.67	26.7	10.09	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55
	46	21.2	8.46	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95
	48	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37
80	10	18.8	2.05	23.8	2.62	29.1	3.38	31.4	3.75	33.8	4.19	36.0	4.61	37.7	4.93
	12	18.8	2.07	23.8	2.67	29.1	3.45	31.4	3.86	33.8	4.30	36.0	4.73	37.7	5.05
	14	18.8	2.09	23.8	2.73	29.1	3.55	31.4	3.93	33.8	4.37	36.0	4.92	37.7	5.33
	16	18.8	2.14	23.8	2.79	29.1	3.64	31.4	4.17	33.8	4.75	36.0	5.31	37.7	5.78
	18	18.8	2.17	23.8	2.89	29.1	3.99	31.4	4.55	33.8	5.20	36.0	5.79	37.7	6.29
	20	18.8	2.28	23.8	3.20	29.1	4.41	31.4	5.01	33.8	5.71	36.0	6.34	37.7	6.87
	21	18.8	2.40	23.8	3.37	29.1	4.63	31.4	5.25	33.8	5.97	36.0	6.66	37.7	7.21
	23	18.8	2.66	23.8	3.75	29.1	5.15	31.4	5.82	33.8	6.59	36.0	7.34	37.7	7.94
	25	18.8	2.99	23.8	4.19	29.1	5.75	31.4	6.48	33.8	7.37	36.0	8.19	37.7	8.83
	27	18.8	3.39	23.8	4.75	29.1	6.46	31.4	7.26	33.8	8.09	36.0	8.83	37.7	9.38
	29	18.8	3.87	23.8	5.37	29.1	7.09	31.4	7.81	33.8	8.62	36.0	9.40	37.7	10.03
	31	18.8	4.44	23.8	5.94	29.1	7.53	31.4	8.33	33.8	9.18	36.0	10.00	37.7	10.71
	33	18.8	4.91	23.8	6.33	29.1	8.04	31.4	8.88	33.8	9.82	36.0	10.69	37.7	11.44
	35	18.8	5.25	23.8	6.74	29.1	8.58	31.4	9.46	33.8	10.51	36.0	11.48	37.7	12.28
	37	18.8	5.56	23.8	7.16	29.1	9.20	31.4	10.13	33.8	11.24	36.0	12.28	37.7	13.19
	39	18.8	5.94	23.8	7.66	29.1	9.81	31.4	10.84	33.8	12.09	36.0	13.26	37.7	14.25
	41	18.8	6.33	23.8	8.18	29.1	10.50	31.4	11.67	33.8	13.00	36.0	14.33	36.3	14.58
	43	18.8	6.73	23.8	8.73	29.1	11.31	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55
	46	18.8	7.46	23.8	9.68	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95
	48	18.8	7.97	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37

7. Capacity Tables

Cooling Capacity (14HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	16.5	1.79	20.8	2.27	25.4	2.85	27.4	3.15	29.6	3.48	31.5	3.79	33.0	4.04
	12	16.5	1.82	20.8	2.29	25.4	2.91	27.4	3.22	29.6	3.55	31.5	3.86	33.0	4.15
	14	16.5	1.86	20.8	2.35	25.4	2.97	27.4	3.28	29.6	3.61	31.5	3.97	33.0	4.22
	16	16.5	1.88	20.8	2.37	25.4	3.03	27.4	3.35	29.6	3.77	31.5	4.18	33.0	4.55
	18	16.5	1.91	20.8	2.43	25.4	3.21	27.4	3.63	29.6	4.12	31.5	4.59	33.0	4.95
	20	16.5	1.93	20.8	2.62	25.4	3.54	27.4	3.99	29.6	4.52	31.5	5.02	33.0	5.44
	21	16.5	2.02	20.8	2.76	25.4	3.72	27.4	4.23	29.6	4.77	31.5	5.30	33.0	5.74
	23	16.5	2.23	20.8	3.05	25.4	4.17	27.4	4.68	29.6	5.31	31.5	5.87	33.0	6.34
	25	16.5	2.51	20.8	3.43	25.4	4.65	27.4	5.24	29.6	5.88	31.5	6.54	33.0	7.05
	27	16.5	2.85	20.8	3.91	25.4	5.25	27.4	5.90	29.6	6.65	31.5	7.33	33.0	7.85
	29	16.5	3.24	20.8	4.44	25.4	5.96	27.4	6.61	29.6	7.25	31.5	7.86	33.0	8.32
	31	16.5	3.74	20.8	5.08	25.4	6.44	27.4	7.03	29.6	7.70	31.5	8.38	33.0	8.87
	33	16.5	4.33	20.8	5.47	25.4	6.86	27.4	7.47	29.6	8.22	31.5	8.94	33.0	9.50
	35	16.5	4.60	20.8	5.80	25.4	7.29	27.4	7.98	29.6	8.77	31.5	9.52	33.0	10.11
	37	16.5	4.88	20.8	6.18	25.4	7.79	27.4	8.52	29.6	9.40	31.5	10.19	33.0	10.82
	39	16.5	5.22	20.8	6.58	25.4	8.32	27.4	9.14	29.6	10.01	31.5	10.91	33.0	11.64
	41	16.5	5.53	20.8	7.05	25.4	8.88	27.4	9.74	29.6	10.78	31.5	11.74	33.0	12.52
	43	16.5	5.90	20.8	7.49	25.4	9.52	27.4	10.44	29.6	11.54	31.4	12.55	31.4	12.55
	46	16.5	6.52	20.8	8.27	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95
	48	16.5	6.94	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37
60	10	14.1	1.59	17.8	1.93	21.8	2.37	23.5	2.59	25.4	2.85	27.0	3.06	28.3	3.25
	12	14.1	1.61	17.8	1.97	21.8	2.43	23.5	2.65	25.4	2.91	27.0	3.12	28.3	3.35
	14	14.1	1.63	17.8	2.00	21.8	2.48	23.5	2.70	25.4	2.97	27.0	3.19	28.3	3.41
	16	14.1	1.65	17.8	2.02	21.8	2.51	23.5	2.76	25.4	3.03	27.0	3.28	28.3	3.48
	18	14.1	1.67	17.8	2.07	21.8	2.56	23.5	2.82	25.4	3.20	27.0	3.54	28.3	3.80
	20	14.1	1.69	17.8	2.12	21.8	2.80	23.5	3.12	25.4	3.54	27.0	3.90	28.3	4.22
	21	14.1	1.71	17.8	2.23	21.8	2.96	23.5	3.29	25.4	3.72	27.0	4.09	28.3	4.43
	23	14.1	1.87	17.8	2.47	21.8	3.30	23.5	3.70	25.4	4.13	27.0	4.57	28.3	4.89
	25	14.1	2.08	17.8	2.78	21.8	3.70	23.5	4.13	25.4	4.64	27.0	5.08	28.3	5.47
	27	14.1	2.34	17.8	3.16	21.8	4.17	23.5	4.65	25.4	5.20	27.0	5.73	28.3	6.16
	29	14.1	2.69	17.8	3.61	21.8	4.73	23.5	5.30	25.4	5.91	27.0	6.46	28.3	6.83
	31	14.1	3.09	17.8	4.15	21.8	5.40	23.5	5.89	25.4	6.40	27.0	6.87	28.3	7.30
	33	14.1	3.62	17.8	4.68	21.8	5.77	23.5	6.23	25.4	6.81	27.0	7.35	28.3	7.75
	35	14.1	4.03	17.8	4.97	21.8	6.10	23.5	6.68	25.4	7.28	27.0	7.81	28.3	8.28
	37	14.1	4.28	17.8	5.31	21.8	6.50	23.5	7.10	25.4	7.74	27.0	8.34	28.3	8.83
	39	14.1	4.55	17.8	5.62	21.8	6.96	23.5	7.60	25.4	8.26	27.0	8.95	28.3	9.47
	41	14.1	4.83	17.8	6.00	21.8	7.40	23.5	8.06	25.4	8.82	27.0	9.54	28.3	10.15
	43	14.1	5.12	17.8	6.39	21.8	7.91	23.5	8.66	25.4	9.46	27.0	10.22	28.3	10.87
	46	14.1	5.64	17.8	7.04	21.8	8.73	23.5	9.54	24.3	9.95	24.3	9.95	24.3	9.95
	48	14.1	6.02	17.8	7.54	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37
50	10	11.8	1.38	14.9	1.65	18.2	1.97	19.6	2.12	21.1	2.29	22.5	2.45	23.6	2.59
	12	11.8	1.40	14.9	1.67	18.2	2.00	19.6	2.17	21.1	2.35	22.5	2.51	23.6	2.65
	14	11.8	1.41	14.9	1.69	18.2	2.02	19.6	2.19	21.1	2.37	22.5	2.56	23.6	2.70
	16	11.8	1.43	14.9	1.71	18.2	2.07	19.6	2.24	21.1	2.43	22.5	2.62	23.6	2.76
	18	11.8	1.45	14.9	1.73	18.2	2.09	19.6	2.27	21.1	2.48	22.5	2.65	23.6	2.85
	20	11.8	1.47	14.9	1.77	18.2	2.18	19.6	2.41	21.1	2.66	22.5	2.92	23.6	3.16
	21	11.8	1.47	14.9	1.79	18.2	2.30	19.6	2.54	21.1	2.81	22.5	3.08	23.6	3.32
	23	11.8	1.55	14.9	1.97	18.2	2.54	19.6	2.81	21.1	3.13	22.5	3.43	23.6	3.70
	25	11.8	1.71	14.9	2.22	18.2	2.86	19.6	3.16	21.1	3.52	22.5	3.85	23.6	4.13
	27	11.8	1.91	14.9	2.49	18.2	3.25	19.6	3.58	21.1	3.97	22.5	4.37	23.6	4.65
	29	11.8	2.18	14.9	2.87	18.2	3.67	19.6	4.08	21.1	4.55	22.5	4.95	23.6	5.30
	31	11.8	2.51	14.9	3.29	18.2	4.26	19.6	4.67	21.1	5.20	22.5	5.59	23.6	5.89
	33	11.8	2.96	14.9	3.84	18.2	4.77	19.6	5.14	21.1	5.57	22.5	5.92	23.6	6.27
	35	11.8	3.46	14.9	4.20	18.2	5.06	19.6	5.45	21.1	5.90	22.5	6.31	23.6	6.68
	37	11.8	3.68	14.9	4.46	18.2	5.41	19.6	5.81	21.1	6.29	22.5	6.77	23.6	7.10
	39	11.8	3.88	14.9	4.74	18.2	5.73	19.6	6.20	21.1	6.74	22.5	7.19	23.6	7.60
	41	11.8	4.13	14.9	5.03	18.2	6.11	19.6	6.60	21.1	7.17	22.5	7.69	23.6	8.12
	43	11.8	4.39	14.9	5.38	18.2	6.51	19.6	7.07	21.1	7.66	22.5	8.22	23.6	8.66
	46	11.8	4.86	14.9	5.91	18.2	7.16	19.6	7.77	21.1	8.46	22.5	9.06	23.6	9.60
	48	11.8	5.16	14.9	6.30	18.2	7.66	19.6	8.30	19.8	8.37	19.8	8.37	19.8	8.37

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM160LTE5

Cooling Capacity (16HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	35.0	4.55	44.2	6.69	54.0	9.80	58.2	11.34	59.9	11.91	60.1	11.92	60.2	11.92
	12	35.0	4.67	44.2	7.06	54.0	10.38	58.2	11.97	59.2	12.28	59.4	12.29	59.5	12.30
	14	35.0	4.86	44.2	7.55	54.0	11.05	58.2	12.73	58.5	12.75	58.6	12.76	58.6	12.76
	16	35.0	5.29	44.2	8.10	54.0	11.84	57.5	13.31	57.6	13.32	57.6	13.33	57.7	13.33
	18	35.0	5.77	44.2	8.79	54.0	12.84	56.6	14.01	56.6	14.01	56.6	14.01	56.6	14.01
	20	35.0	6.32	44.2	9.59	54.0	13.76	55.6	14.41	55.6	14.41	55.6	14.41	55.5	14.40
	21	35.0	6.65	44.2	10.04	54.0	14.18	55.1	14.63	55.1	14.62	55.0	14.61	54.9	14.61
	23	35.0	7.33	44.2	10.93	54.0	15.08	54.0	15.08	53.9	15.07	53.8	15.06	53.6	15.04
	25	35.0	8.18	44.2	11.63	52.9	15.58	52.8	15.57	52.7	15.55	52.5	15.53	52.3	15.51
	27	35.0	8.82	44.2	12.43	51.7	16.10	51.6	16.08	51.3	16.06	51.1	16.03	50.9	16.00
	29	35.0	9.43	44.2	13.31	50.4	16.66	50.2	16.63	49.9	16.59	49.6	16.55	49.6	16.55
	31	35.0	10.03	44.2	14.32	49.1	17.24	48.8	17.20	48.5	17.16	48.5	17.16	48.5	17.16
	33	35.0	10.78	44.2	15.42	47.6	17.84	47.5	17.82	47.5	17.82	47.5	17.82	47.5	17.82
	35	35.0	11.53	44.2	16.78	46.4	18.52	46.4	18.52	46.4	18.52	46.4	18.52	46.4	18.52
	37	35.0	12.45	44.2	18.35	45.0	19.04	45.0	19.04	45.0	19.04	45.0	19.04	45.0	19.04
	39	35.0	13.39	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60
	41	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45
	43	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44
	46	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34
120	10	32.3	4.06	40.8	5.80	49.9	8.41	53.8	9.74	58.0	11.27	59.9	11.90	60.0	11.91
	12	32.3	4.13	40.8	6.05	49.9	8.88	53.8	10.25	58.0	11.84	59.2	12.28	59.3	12.28
	14	32.3	4.24	40.8	6.50	49.9	9.49	53.8	10.92	58.0	12.58	58.4	12.74	58.5	12.75
	16	32.3	4.59	40.8	7.00	49.9	10.19	53.8	11.76	57.5	13.31	57.6	13.32	57.6	13.32
	18	32.3	5.03	40.8	7.63	49.9	11.02	53.8	12.70	56.6	14.01	56.6	14.01	56.6	14.01
	20	32.3	5.53	40.8	8.30	49.9	12.04	53.8	13.68	55.6	14.41	55.6	14.41	55.6	14.41
	21	32.3	5.78	40.8	8.70	49.9	12.43	53.8	14.04	55.1	14.63	55.1	14.62	55.0	14.62
	23	32.3	6.40	40.8	9.60	49.9	13.23	53.8	15.00	54.0	15.08	53.9	15.07	53.8	15.06
	25	32.3	7.16	40.8	10.32	49.9	14.11	52.9	15.58	52.8	15.57	52.7	15.55	52.6	15.54
	27	32.3	7.94	40.8	11.00	49.9	15.13	51.7	16.10	51.6	16.08	51.4	16.06	51.2	16.04
	29	32.3	8.47	40.8	11.73	49.9	16.32	50.4	16.66	50.2	16.63	50.0	16.60	49.8	16.57
	31	32.3	9.02	40.8	12.58	49.3	17.27	49.1	17.24	48.8	17.20	48.5	17.16	48.5	17.16
	33	32.3	9.61	40.8	13.55	47.9	17.89	47.7	17.85	47.5	17.82	47.5	17.82	47.5	17.82
	35	32.3	10.34	40.8	14.61	46.5	18.53	46.4	18.52	46.4	18.52	46.4	18.52	46.4	18.52
	37	32.3	11.07	40.8	15.91	45.0	19.04	45.0	19.04	45.0	19.04	45.0	19.04	45.0	19.04
	39	32.3	11.90	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60
	41	32.3	12.87	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45
	43	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44
	46	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34
110	10	29.6	3.57	37.4	5.07	45.7	7.08	49.3	8.22	53.1	9.54	56.6	10.73	59.2	11.75
	12	29.6	3.67	37.4	5.20	45.7	7.53	49.3	8.69	53.1	10.05	56.6	11.34	59.1	12.27
	14	29.6	3.74	37.4	5.52	45.7	8.03	49.3	9.29	53.1	10.71	56.6	12.05	58.4	12.74
	16	29.6	3.94	37.4	5.98	45.7	8.66	49.3	9.98	53.1	11.48	56.6	12.91	57.5	13.31
	18	29.6	4.30	37.4	6.50	45.7	9.38	49.3	10.79	53.1	12.45	56.6	14.00	56.6	14.01
	20	29.6	4.75	37.4	7.10	45.7	10.23	49.3	11.80	53.1	13.40	55.6	14.41	55.6	14.41
	21	29.6	4.98	37.4	7.45	45.7	10.71	49.3	12.22	53.1	13.81	55.1	14.63	55.1	14.63
	23	29.6	5.53	37.4	8.25	45.7	11.52	49.3	12.96	53.1	14.69	54.0	15.08	54.0	15.08
	25	29.6	6.21	37.4	9.09	45.7	12.30	49.3	13.82	53.0	15.58	52.9	15.57	52.8	15.56
	27	29.6	6.97	37.4	9.72	45.7	13.09	49.3	14.82	51.8	16.11	51.6	16.09	51.5	16.08
	29	29.6	7.56	37.4	10.32	45.7	14.06	49.3	15.98	50.5	16.66	50.3	16.64	50.2	16.62
	31	29.6	8.02	37.4	11.08	45.7	15.13	49.3	17.27	49.1	17.24	48.9	17.21	48.7	17.19
	33	29.6	8.60	37.4	11.84	45.7	16.37	48.0	17.89	47.7	17.85	47.5	17.82	47.5	17.82
	35	29.6	9.17	37.4	12.78	45.7	17.88	46.5	18.54	46.4	18.52	46.4	18.52	46.4	18.52
	37	29.6	9.83	37.4	13.79	45.0	19.04	45.0	19.04	45.0	19.04	45.0	19.04	45.0	19.04
	39	29.6	10.53	37.4	14.90	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60
	41	29.6	11.34	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45
	43	29.6	12.27	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44
	46	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34

7. Capacity Tables

Cooling Capacity (16HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	26.9	3.14	34.0	4.36	41.5	6.03	44.8	6.83	48.3	7.92	51.4	8.91	53.8	9.74
	12	26.9	3.20	34.0	4.47	41.5	6.27	44.8	7.24	48.3	8.38	51.4	9.45	53.8	10.31
	14	26.9	3.30	34.0	4.62	41.5	6.73	44.8	7.73	48.3	8.91	51.4	10.03	53.8	10.98
	16	26.9	3.37	34.0	5.03	41.5	7.24	44.8	8.34	48.3	9.59	51.4	10.76	53.8	11.77
	18	26.9	3.66	34.0	5.50	41.5	7.88	44.8	9.05	48.3	10.37	51.4	11.68	53.8	12.76
	20	26.9	4.06	34.0	6.03	41.5	8.62	44.8	9.87	48.3	11.35	51.4	12.71	53.8	13.69
	21	26.9	4.27	34.0	6.30	41.5	9.03	44.8	10.33	48.3	11.82	51.4	13.05	53.8	14.10
	23	26.9	4.76	34.0	7.00	41.5	9.96	44.8	11.19	48.3	12.60	51.4	13.89	53.8	15.00
	25	26.9	5.30	34.0	7.82	41.5	10.64	44.8	11.90	48.3	13.38	51.4	14.86	52.9	15.58
	27	26.9	6.01	34.0	8.47	41.5	11.33	44.8	12.72	48.3	14.35	51.4	15.94	51.7	16.10
	29	26.9	6.70	34.0	9.06	41.5	12.08	44.8	13.61	48.3	15.41	50.5	16.67	50.4	16.66
	31	26.9	7.12	34.0	9.65	41.5	13.01	44.8	14.64	48.3	16.65	49.2	17.26	49.1	17.24
	33	26.9	7.61	34.0	10.32	41.5	13.95	44.8	15.84	48.0	17.90	47.8	17.87	47.7	17.85
	35	26.9	8.13	34.0	11.10	41.5	15.11	44.8	17.23	46.6	18.55	46.4	18.52	46.4	18.52
	37	26.9	8.68	34.0	11.93	41.5	16.45	44.8	18.85	45.0	19.04	45.0	19.04	45.0	19.04
	39	26.9	9.31	34.0	12.83	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60
	41	26.9	9.98	34.0	13.94	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45
	43	26.9	10.76	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44
	46	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34
90	10	24.2	2.75	30.6	3.74	37.4	5.07	40.3	5.71	43.5	6.49	46.3	7.27	48.5	7.98
	12	24.2	2.81	30.6	3.84	37.4	5.20	40.3	5.94	43.5	6.84	46.3	7.71	48.5	8.44
	14	24.2	2.87	30.6	3.91	37.4	5.52	40.3	6.38	43.5	7.31	46.3	8.22	48.5	8.98
	16	24.2	2.93	30.6	4.16	37.4	5.98	40.3	6.88	43.5	7.90	46.3	8.86	48.5	9.65
	18	24.2	3.08	30.6	4.58	37.4	6.50	40.3	7.45	43.5	8.53	46.3	9.59	48.5	10.44
	20	24.2	3.44	30.6	5.01	37.4	7.14	40.3	8.16	43.5	9.31	46.3	10.45	48.5	11.42
	21	24.2	3.62	30.6	5.28	37.4	7.45	40.3	8.55	43.5	9.80	46.3	10.99	48.5	11.89
	23	24.2	4.02	30.6	5.86	37.4	8.25	40.3	9.44	43.5	10.68	46.3	11.78	48.5	12.61
	25	24.2	4.52	30.6	6.53	37.4	9.10	40.3	10.14	43.5	11.36	46.3	12.52	48.5	13.45
	27	24.2	5.08	30.6	7.37	37.4	9.72	40.3	10.81	43.5	12.15	46.3	13.38	48.5	14.43
	29	24.2	5.78	30.6	7.84	37.4	10.38	40.3	11.58	43.5	13.01	46.3	14.37	48.5	15.50
	31	24.2	6.28	30.6	8.37	37.4	11.09	40.3	12.42	43.5	13.93	46.3	15.46	48.5	16.74
	33	24.2	6.73	30.6	8.97	37.4	11.90	40.3	13.32	43.5	15.07	46.3	16.79	48.0	17.90
	35	24.2	7.16	30.6	9.56	37.4	12.78	40.3	14.36	43.5	16.33	46.3	18.27	46.6	18.55
	37	24.2	7.65	30.6	10.30	37.4	13.79	40.3	15.58	43.5	17.86	45.0	19.04	45.0	19.04
	39	24.2	8.18	30.6	11.02	37.4	14.97	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60
	41	24.2	8.73	30.6	11.86	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45
	43	24.2	9.37	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44
	46	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34
80	10	21.5	2.42	27.2	3.20	33.2	4.24	35.8	4.75	38.6	5.32	41.1	5.89	43.1	6.40
	12	21.5	2.44	27.2	3.27	33.2	4.32	35.8	4.87	38.6	5.50	41.1	6.16	43.1	6.72
	14	21.5	2.50	27.2	3.33	33.2	4.43	35.8	5.11	38.6	5.89	41.1	6.61	43.1	7.19
	16	21.5	2.55	27.2	3.40	33.2	4.83	35.8	5.55	38.6	6.37	41.1	7.12	43.1	7.78
	18	21.5	2.61	27.2	3.74	33.2	5.29	35.8	6.04	38.6	6.91	41.1	7.75	43.1	8.40
	20	21.5	2.87	27.2	4.12	33.2	5.80	35.8	6.61	38.6	7.58	41.1	8.43	43.1	9.17
	21	21.5	3.03	27.2	4.32	33.2	6.07	35.8	6.95	38.6	7.90	41.1	8.84	43.1	9.60
	23	21.5	3.37	27.2	4.82	33.2	6.75	35.8	7.65	38.6	8.74	41.1	9.80	43.1	10.54
	25	21.5	3.78	27.2	5.40	33.2	7.50	35.8	8.53	38.6	9.57	41.1	10.45	43.1	11.22
	27	21.5	4.26	27.2	6.08	33.2	8.23	35.8	9.16	38.6	10.16	41.1	11.14	43.1	11.95
	29	21.5	4.88	27.2	6.76	33.2	8.77	35.8	9.75	38.6	10.85	41.1	11.93	43.1	12.79
	31	21.5	5.49	27.2	7.23	33.2	9.39	35.8	10.42	38.6	11.64	41.1	12.79	43.1	13.77
	33	21.5	5.86	27.2	7.72	33.2	10.05	35.8	11.14	38.6	12.49	41.1	13.78	43.1	14.83
	35	21.5	6.24	27.2	8.25	33.2	10.75	35.8	11.97	38.6	13.41	41.1	14.86	43.1	16.06
	37	21.5	6.69	27.2	8.80	33.2	11.56	35.8	12.92	38.6	14.54	41.1	16.11	43.1	17.49
	39	21.5	7.12	27.2	9.44	33.2	12.44	35.8	13.96	38.6	15.78	39.8	16.60	39.8	16.60
	41	21.5	7.61	27.2	10.12	33.2	13.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45
	43	21.5	8.14	27.2	10.90	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44
	46	21.5	9.03	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34

7. Capacity Tables

Cooling Capacity (16HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	18.8	2.09	23.8	2.69	29.1	3.50	31.4	3.88	33.8	4.36	36.0	4.79	37.7	5.11
	12	18.8	2.11	23.8	2.75	29.1	3.57	31.4	3.99	33.8	4.43	36.0	4.91	37.7	5.28
	14	18.8	2.16	23.8	2.81	29.1	3.67	31.4	4.06	33.8	4.55	36.0	5.16	37.7	5.62
	16	18.8	2.18	23.8	2.87	29.1	3.81	31.4	4.35	33.8	4.98	36.0	5.56	37.7	6.09
	18	18.8	2.23	23.8	3.00	29.1	4.20	31.4	4.78	33.8	5.45	36.0	6.10	37.7	6.61
	20	18.8	2.37	23.8	3.32	29.1	4.60	31.4	5.26	33.8	5.97	36.0	6.67	37.7	7.21
	21	18.8	2.50	23.8	3.49	29.1	4.86	31.4	5.51	33.8	6.29	36.0	7.01	37.7	7.57
	23	18.8	2.76	23.8	3.92	29.1	5.41	31.4	6.10	33.8	6.94	36.0	7.72	37.7	8.38
	25	18.8	3.11	23.8	4.38	29.1	6.04	31.4	6.84	33.8	7.76	36.0	8.60	37.7	9.21
	27	18.8	3.52	23.8	4.96	29.1	6.78	31.4	7.62	33.8	8.46	36.0	9.17	37.7	9.79
	29	18.8	4.02	23.8	5.65	29.1	7.39	31.4	8.13	33.8	9.00	36.0	9.81	37.7	10.45
	31	18.8	4.65	23.8	6.17	29.1	7.85	31.4	8.66	33.8	9.59	36.0	10.48	37.7	11.22
	33	18.8	5.08	23.8	6.57	29.1	8.42	31.4	9.28	33.8	10.26	36.0	11.21	37.7	11.99
	35	18.8	5.43	23.8	6.99	29.1	8.98	31.4	9.94	33.8	11.03	36.0	12.04	37.7	12.93
	37	18.8	5.80	23.8	7.48	29.1	9.63	31.4	10.64	33.8	11.86	36.0	13.00	37.7	13.96
	39	18.8	6.18	23.8	8.00	29.1	10.32	31.4	11.45	33.8	12.75	36.0	14.04	37.7	15.15
	41	18.8	6.58	23.8	8.54	29.1	11.11	31.4	12.32	33.8	13.78	34.8	14.45	34.8	14.45
	43	18.8	7.05	23.8	9.17	29.1	11.96	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44
	46	18.8	7.80	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34
60	10	16.1	1.81	20.4	2.26	24.9	2.87	26.9	3.14	29.0	3.46	30.8	3.81	32.3	4.06
	12	16.1	1.83	20.4	2.31	24.9	2.93	26.9	3.20	29.0	3.57	30.8	3.88	32.3	4.17
	14	16.1	1.85	20.4	2.34	24.9	2.99	26.9	3.30	29.0	3.63	30.8	3.99	32.3	4.24
	16	16.1	1.88	20.4	2.39	24.9	3.05	26.9	3.37	29.0	3.80	30.8	4.21	32.3	4.59
	18	16.1	1.92	20.4	2.44	24.9	3.24	26.9	3.66	29.0	4.16	30.8	4.63	32.3	5.03
	20	16.1	1.94	20.4	2.65	24.9	3.57	26.9	4.06	29.0	4.59	30.8	5.10	32.3	5.53
	21	16.1	2.04	20.4	2.79	24.9	3.79	26.9	4.27	29.0	4.82	30.8	5.35	32.3	5.78
	23	16.1	2.25	20.4	3.12	24.9	4.21	26.9	4.76	29.0	5.36	30.8	5.93	32.3	6.44
	25	16.1	2.54	20.4	3.50	24.9	4.73	26.9	5.30	29.0	5.99	30.8	6.65	32.3	7.17
	27	16.1	2.89	20.4	3.95	24.9	5.31	26.9	6.01	29.0	6.77	30.8	7.45	32.3	7.94
	29	16.1	3.28	20.4	4.50	24.9	6.03	26.9	6.70	29.0	7.34	30.8	7.95	32.3	8.47
	31	16.1	3.79	20.4	5.18	24.9	6.53	26.9	7.12	29.0	7.84	30.8	8.48	32.3	9.02
	33	16.1	4.37	20.4	5.55	24.9	6.95	26.9	7.61	29.0	8.37	30.8	9.09	32.3	9.66
	35	16.1	4.67	20.4	5.88	24.9	7.43	26.9	8.13	29.0	8.93	30.8	9.69	32.3	10.34
	37	16.1	4.96	20.4	6.31	24.9	7.94	26.9	8.68	29.0	9.57	30.8	10.38	32.3	11.07
	39	16.1	5.30	20.4	6.72	24.9	8.48	26.9	9.31	29.0	10.25	30.8	11.17	32.3	11.91
	41	16.1	5.66	20.4	7.20	24.9	9.05	26.9	9.98	29.0	11.04	30.8	12.02	32.3	12.88
	43	16.1	6.04	20.4	7.65	24.9	9.71	26.9	10.76	29.0	11.89	30.0	12.44	30.0	12.44
	46	16.1	6.67	20.4	8.50	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	16.1	7.09	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34
50	10	13.4	1.54	17.0	1.88	20.8	2.31	22.4	2.52	24.2	2.75	25.7	2.99	26.9	3.14
	12	13.4	1.56	17.0	1.92	20.8	2.36	22.4	2.55	24.2	2.81	25.7	3.05	26.9	3.24
	14	13.4	1.58	17.0	1.94	20.8	2.39	22.4	2.61	24.2	2.87	25.7	3.11	26.9	3.30
	16	13.4	1.60	17.0	1.97	20.8	2.44	22.4	2.66	24.2	2.93	25.7	3.17	26.9	3.37
	18	13.4	1.64	17.0	2.01	20.8	2.50	22.4	2.72	24.2	3.08	25.7	3.40	26.9	3.66
	20	13.4	1.66	17.0	2.04	20.8	2.72	22.4	3.03	24.2	3.40	25.7	3.75	26.9	4.07
	21	13.4	1.66	17.0	2.16	20.8	2.87	22.4	3.19	24.2	3.58	25.7	3.98	26.9	4.27
	23	13.4	1.83	17.0	2.42	20.8	3.20	22.4	3.56	24.2	4.01	25.7	4.41	26.9	4.76
	25	13.4	2.04	17.0	2.70	20.8	3.59	22.4	4.02	24.2	4.48	25.7	4.95	26.9	5.34
	27	13.4	2.30	17.0	3.07	20.8	4.06	22.4	4.53	24.2	5.07	25.7	5.59	26.9	6.01
	29	13.4	2.64	17.0	3.51	20.8	4.65	22.4	5.17	24.2	5.77	25.7	6.34	26.9	6.70
	31	13.4	3.04	17.0	4.05	20.8	5.30	22.4	5.77	24.2	6.28	25.7	6.75	26.9	7.12
	33	13.4	3.56	17.0	4.58	20.8	5.65	22.4	6.15	24.2	6.68	25.7	7.22	26.9	7.62
	35	13.4	3.98	17.0	4.91	20.8	6.03	22.4	6.55	24.2	7.15	25.7	7.72	26.9	8.13
	37	13.4	4.23	17.0	5.20	20.8	6.43	22.4	6.97	24.2	7.65	25.7	8.24	26.9	8.68
	39	13.4	4.49	17.0	5.56	20.8	6.89	22.4	7.46	24.2	8.17	25.7	8.80	26.9	9.31
	41	13.4	4.77	17.0	5.93	20.8	7.32	22.4	7.98	24.2	8.72	25.7	9.44	26.9	9.98
	43	13.4	5.11	17.0	6.32	20.8	7.83	22.4	8.57	24.2	9.36	25.7	10.12	26.9	10.76
	46	13.4	5.62	17.0	7.02	20.8	8.70	22.4	9.50	23.1	9.86	23.1	9.86	23.1	9.86
	48	13.4	6.00	17.0	7.46	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM180LTE5

Cooling Capacity (18HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	39.3	4.24	49.7	5.67	60.8	7.55	65.5	8.57	70.6	9.94	75.2	11.21	78.7	12.23
	12	39.3	4.33	49.7	5.78	60.8	8.03	65.5	9.27	70.6	10.70	75.2	12.02	78.7	13.08
	14	39.3	4.38	49.7	6.01	60.8	8.66	65.5	9.97	70.6	11.54	75.2	12.92	78.7	14.12
	16	39.3	4.48	49.7	6.63	60.8	9.44	65.5	10.82	70.6	12.47	75.2	13.93	78.7	15.21
	18	39.3	4.94	49.7	7.25	60.8	10.30	65.5	11.76	70.6	13.52	75.2	15.17	78.7	16.54
	20	39.3	5.46	49.7	7.93	60.8	11.27	65.5	12.92	70.6	14.81	75.2	16.41	78.7	17.67
	21	39.3	5.74	49.7	8.38	60.8	11.84	65.5	13.47	70.6	15.28	75.2	16.93	78.7	18.22
	23	39.3	6.36	49.7	9.21	60.8	12.96	65.5	14.52	70.6	16.38	75.2	18.02	78.7	19.47
	25	39.3	7.07	49.7	10.23	60.8	13.87	65.5	15.51	70.6	17.46	75.2	19.29	78.7	20.83
	27	39.3	7.88	49.7	11.06	60.8	14.75	65.5	16.56	70.6	18.71	75.2	20.75	78.7	22.40
	29	39.3	8.73	49.7	11.81	60.8	15.86	65.5	17.77	70.6	20.05	75.2	22.23	78.7	24.21
	31	39.3	9.30	49.7	12.68	60.8	16.95	65.5	19.07	70.6	21.61	75.2	24.06	78.7	26.20
	33	39.3	9.98	49.7	13.60	60.8	18.21	65.5	20.57	70.6	23.29	75.2	26.06	78.7	28.51
	35	39.3	10.68	49.7	14.58	60.8	19.55	65.5	22.19	70.6	25.25	72.3	26.37	72.3	26.37
	37	39.3	11.42	49.7	15.60	60.8	21.11	64.7	23.48	64.7	23.48	64.7	23.48	64.7	23.48
	39	39.3	12.28	49.7	16.80	57.3	20.84	57.3	20.84	57.3	20.84	57.3	20.84	57.3	20.84
	41	39.3	13.18	49.7	18.07	50.2	18.34	50.2	18.34	50.2	18.34	50.2	18.34	50.2	18.34
	43	39.3	14.14	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08
	46	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92
	48	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05
120	10	36.3	3.88	45.9	5.13	56.1	6.73	60.5	7.55	65.2	8.49	69.4	9.58	72.7	10.52
	12	36.3	3.92	45.9	5.24	56.1	6.91	60.5	7.94	65.2	9.18	69.4	10.32	72.7	11.30
	14	36.3	4.01	45.9	5.34	56.1	7.52	60.5	8.65	65.2	9.87	69.4	11.14	72.7	12.16
	16	36.3	4.10	45.9	5.78	56.1	8.16	60.5	9.35	65.2	10.72	69.4	12.05	72.7	13.13
	18	36.3	4.36	45.9	6.34	56.1	8.94	60.5	10.21	65.2	11.66	69.4	13.08	72.7	14.23
	20	36.3	4.82	45.9	6.97	56.1	9.82	60.5	11.17	65.2	12.80	69.4	14.33	72.7	15.53
	21	36.3	5.07	45.9	7.31	56.1	10.26	60.5	11.73	65.2	13.35	69.4	14.93	72.7	16.03
	23	36.3	5.63	45.9	8.12	56.1	11.31	60.5	12.86	65.2	14.41	69.4	15.93	72.7	17.08
	25	36.3	6.28	45.9	8.98	56.1	12.33	60.5	13.77	65.2	15.40	69.4	16.99	72.7	18.29
	27	36.3	7.02	45.9	9.93	56.1	13.14	60.5	14.65	65.2	16.44	69.4	18.12	72.7	19.59
	29	36.3	7.88	45.9	10.64	56.1	14.08	60.5	15.75	65.2	17.65	69.4	19.52	72.7	20.99
	31	36.3	8.50	45.9	11.37	56.1	15.07	60.5	16.83	65.2	18.94	69.4	20.93	72.7	22.62
	33	36.3	9.06	45.9	12.14	56.1	16.12	60.5	18.08	65.2	20.32	69.4	22.57	72.7	24.50
	35	36.3	9.71	45.9	13.04	56.1	17.33	60.5	19.42	65.2	22.04	69.4	24.46	72.3	26.37
	37	36.3	10.40	45.9	13.98	56.1	18.63	60.5	20.97	64.7	23.48	64.7	23.48	64.7	23.48
	39	36.3	11.13	45.9	14.98	56.1	20.13	57.3	20.84	57.3	20.84	57.3	20.84	57.3	20.84
	41	36.3	11.89	45.9	16.13	50.2	18.34	50.2	18.34	50.2	18.34	50.2	18.34	50.2	18.34
	43	36.3	12.77	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08
	46	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92
	48	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05
110	10	33.3	3.53	42.0	4.57	51.4	5.95	55.4	6.60	59.8	7.42	63.6	8.16	66.6	8.84
	12	33.3	3.58	42.0	4.67	51.4	6.07	55.4	6.79	59.8	7.77	63.6	8.74	66.6	9.56
	14	33.3	3.66	42.0	4.77	51.4	6.40	55.4	7.35	59.8	8.47	63.6	9.48	66.6	10.34
	16	33.3	3.70	42.0	5.00	51.4	7.04	55.4	7.99	59.8	9.16	63.6	10.30	66.6	11.20
	18	33.3	3.87	42.0	5.51	51.4	7.68	55.4	8.76	59.8	10.00	63.6	11.21	66.6	12.18
	20	33.3	4.23	42.0	6.06	51.4	8.46	55.4	9.62	59.8	10.95	63.6	12.24	66.6	13.28
	21	33.3	4.46	42.0	6.37	51.4	8.86	55.4	10.05	59.8	11.51	63.6	12.77	66.6	13.92
	23	33.3	4.96	42.0	7.04	51.4	9.80	55.4	11.09	59.8	12.65	63.6	13.89	66.6	14.94
	25	33.3	5.54	42.0	7.81	51.4	10.87	55.4	12.06	59.8	13.47	63.6	14.84	66.6	15.95
	27	33.3	6.15	42.0	8.76	51.4	11.63	55.4	12.94	59.8	14.42	63.6	15.86	66.6	17.02
	29	33.3	6.92	42.0	9.45	51.4	12.41	55.4	13.86	59.8	15.42	63.6	16.94	66.6	18.26
	31	33.3	7.66	42.0	10.13	51.4	13.31	55.4	14.84	59.8	16.58	63.6	18.18	66.6	19.59
	33	33.3	8.18	42.0	10.84	51.4	14.27	55.4	15.88	59.8	17.71	63.6	19.62	66.6	21.13
	35	33.3	8.79	42.0	11.67	51.4	15.27	55.4	17.07	59.8	19.13	63.6	21.07	66.6	22.79
	37	33.3	9.36	42.0	12.45	51.4	16.34	55.4	18.35	59.8	20.55	63.6	22.85	64.7	23.48
	39	33.3	10.04	42.0	13.37	51.4	17.58	55.4	19.72	57.3	20.84	57.3	20.84	57.3	20.84
	41	33.3	10.74	42.0	14.33	50.2	18.34	50.2	18.34	50.2	18.34	50.2	18.34	50.2	18.34
	43	33.3	11.48	42.0	15.35	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08
	46	33.3	12.80	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92
	48	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05

7. Capacity Tables

Cooling Capacity (18HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	30.3	3.21	38.2	4.10	46.7	5.24	50.4	5.78	54.3	6.42	57.8	7.04	60.6	7.55
	12	30.3	3.25	38.2	4.19	46.7	5.34	50.4	5.90	54.3	6.60	57.8	7.34	60.6	7.95
	14	30.3	3.33	38.2	4.24	46.7	5.45	50.4	6.23	54.3	7.10	57.8	7.95	60.6	8.65
	16	30.3	3.37	38.2	4.33	46.7	5.94	50.4	6.79	54.3	7.72	57.8	8.68	60.6	9.43
	18	30.3	3.41	38.2	4.74	46.7	6.51	50.4	7.42	54.3	8.47	57.8	9.42	60.6	10.21
	20	30.3	3.74	38.2	5.23	46.7	7.21	50.4	8.19	54.3	9.24	57.8	10.33	60.6	11.18
	21	30.3	3.89	38.2	5.45	46.7	7.56	50.4	8.57	54.3	9.74	57.8	10.86	60.6	11.74
	23	30.3	4.34	38.2	6.05	46.7	8.33	50.4	9.49	54.3	10.75	57.8	11.96	60.6	12.87
	25	30.3	4.80	38.2	6.79	46.7	9.28	50.4	10.46	54.3	11.75	57.8	12.85	60.6	13.78
	27	30.3	5.39	38.2	7.58	46.7	10.21	50.4	11.33	54.3	12.54	57.8	13.77	60.6	14.74
	29	30.3	6.09	38.2	8.40	46.7	10.92	50.4	12.10	54.3	13.44	57.8	14.73	60.6	15.76
	31	30.3	6.86	38.2	9.03	46.7	11.67	50.4	12.90	54.3	14.40	57.8	15.76	60.6	16.84
	33	30.3	7.34	38.2	9.61	46.7	12.45	50.4	13.84	54.3	15.41	57.8	16.85	60.6	18.09
	35	30.3	7.84	38.2	10.29	46.7	13.36	50.4	14.82	54.3	16.48	57.8	18.11	60.6	19.53
	37	30.3	8.44	38.2	11.09	46.7	14.33	50.4	15.96	54.3	17.73	57.8	19.56	60.6	21.09
	39	30.3	9.00	38.2	11.85	46.7	15.34	50.4	17.07	54.3	19.16	57.3	20.84	57.3	20.84
	41	30.3	9.65	38.2	12.65	46.7	16.52	50.2	18.34	50.2	18.34	50.2	18.34	50.2	18.34
	43	30.3	10.34	38.2	13.57	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08
	46	30.3	11.48	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92
	48	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05
90	10	27.2	2.91	34.4	3.66	42.1	4.57	45.4	5.03	48.9	5.56	52.1	6.07	54.5	6.48
	12	27.2	2.95	34.4	3.70	42.1	4.67	45.4	5.13	48.9	5.67	52.1	6.19	54.5	6.60
	14	27.2	2.99	34.4	3.79	42.1	4.77	45.4	5.24	48.9	5.86	52.1	6.55	54.5	7.11
	16	27.2	3.06	34.4	3.83	42.1	5.01	45.4	5.65	48.9	6.41	52.1	7.20	54.5	7.80
	18	27.2	3.10	34.4	4.05	42.1	5.51	45.4	6.20	48.9	7.07	52.1	7.85	54.5	8.49
	20	27.2	3.25	34.4	4.43	42.1	6.07	45.4	6.87	48.9	7.75	52.1	8.65	54.5	9.33
	21	27.2	3.42	34.4	4.66	42.1	6.37	45.4	7.21	48.9	8.12	52.1	9.05	54.5	9.75
	23	27.2	3.76	34.4	5.19	42.1	7.05	45.4	7.95	48.9	9.00	52.1	10.00	54.5	10.76
	25	27.2	4.17	34.4	5.79	42.1	7.81	45.4	8.86	48.9	10.00	52.1	11.07	54.5	11.76
	27	27.2	4.69	34.4	6.48	42.1	8.77	45.4	9.76	48.9	10.86	52.1	11.83	54.5	12.63
	29	27.2	5.32	34.4	7.29	42.1	9.52	45.4	10.46	48.9	11.60	52.1	12.62	54.5	13.45
	31	27.2	5.99	34.4	7.92	42.1	10.13	45.4	11.18	48.9	12.38	52.1	13.53	54.5	14.41
	33	27.2	6.55	34.4	8.52	42.1	10.92	45.4	12.02	48.9	13.29	52.1	14.50	54.5	15.52
	35	27.2	7.01	34.4	9.08	42.1	11.67	45.4	12.83	48.9	14.24	52.1	15.52	54.5	16.60
	37	27.2	7.50	34.4	9.74	42.1	12.45	45.4	13.76	48.9	15.25	52.1	16.70	54.5	17.84
	39	27.2	8.08	34.4	10.43	42.1	13.37	45.4	14.75	48.9	16.42	52.1	17.96	54.5	19.18
	41	27.2	8.62	34.4	11.15	42.1	14.33	45.4	15.89	48.9	17.67	50.2	18.34	50.2	18.34
	43	27.2	9.26	34.4	12.00	42.1	15.35	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08
	46	27.2	10.24	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92
	48	27.2	10.95	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05
80	10	24.2	2.63	30.6	3.25	37.4	4.01	40.3	4.38	43.5	4.77	46.3	5.18	48.5	5.51
	12	24.2	2.67	30.6	3.29	37.4	4.05	40.3	4.43	43.5	4.87	46.3	5.29	48.5	5.62
	14	24.2	2.70	30.6	3.33	37.4	4.15	40.3	4.52	43.5	4.97	46.3	5.40	48.5	5.78
	16	24.2	2.74	30.6	3.41	37.4	4.24	40.3	4.67	43.5	5.28	46.3	5.86	48.5	6.32
	18	24.2	2.81	30.6	3.45	37.4	4.55	40.3	5.15	43.5	5.80	46.3	6.43	48.5	6.92
	20	24.2	2.86	30.6	3.80	37.4	5.03	40.3	5.68	43.5	6.39	46.3	7.06	48.5	7.65
	21	24.2	2.96	30.6	3.95	37.4	5.30	40.3	5.97	43.5	6.71	46.3	7.40	48.5	8.02
	23	24.2	3.25	30.6	4.40	37.4	5.88	40.3	6.61	43.5	7.41	46.3	8.22	48.5	8.89
	25	24.2	3.59	30.6	4.87	37.4	6.54	40.3	7.34	43.5	8.27	46.3	9.16	48.5	9.81
	27	24.2	4.05	30.6	5.47	37.4	7.31	40.3	8.18	43.5	9.20	46.3	10.03	48.5	10.68
	29	24.2	4.54	30.6	6.18	37.4	8.22	40.3	9.00	43.5	9.90	46.3	10.74	48.5	11.42
	31	24.2	5.19	30.6	6.94	37.4	8.77	40.3	9.65	43.5	10.60	46.3	11.48	48.5	12.27
	33	24.2	5.80	30.6	7.42	37.4	9.41	40.3	10.34	43.5	11.33	46.3	12.34	48.5	13.08
	35	24.2	6.22	30.6	7.93	37.4	10.09	40.3	11.06	43.5	12.18	46.3	13.24	48.5	14.03
	37	24.2	6.66	30.6	8.53	37.4	10.80	40.3	11.82	43.5	12.99	46.3	14.11	48.5	15.03
	39	24.2	7.14	30.6	9.09	37.4	11.54	40.3	12.70	43.5	13.94	46.3	15.20	48.5	16.18
	41	24.2	7.63	30.6	9.75	37.4	12.32	40.3	13.54	43.5	14.93	46.3	16.27	48.5	17.41
	43	24.2	8.23	30.6	10.45	37.4	13.23	40.3	14.61	43.4	16.08	43.4	16.08	43.4	16.08
	46	24.2	9.06	30.6	11.59	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92
	48	24.2	9.72	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05

7. Capacity Tables

Cooling Capacity (18HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	21.2	2.41	26.7	2.88	32.7	3.49	35.3	3.75	38.0	4.10	40.5	4.38	42.4	4.62
	12	21.2	2.44	26.7	2.91	32.7	3.53	35.3	3.83	38.0	4.15	40.5	4.48	42.4	4.72
	14	21.2	2.44	26.7	2.95	32.7	3.58	35.3	3.88	38.0	4.24	40.5	4.57	42.4	4.82
	16	21.2	2.47	26.7	2.99	32.7	3.66	35.3	3.96	38.0	4.33	40.5	4.68	42.4	5.07
	18	21.2	2.50	26.7	3.06	32.7	3.76	35.3	4.17	38.0	4.68	40.5	5.16	42.4	5.58
	20	21.2	2.53	26.7	3.20	32.7	4.16	35.3	4.62	38.0	5.17	40.5	5.69	42.4	6.15
	21	21.2	2.60	26.7	3.32	32.7	4.33	35.3	4.86	38.0	5.44	40.5	5.98	42.4	6.45
	23	21.2	2.83	26.7	3.70	32.7	4.82	35.3	5.40	38.0	6.03	40.5	6.62	42.4	7.13
	25	21.2	3.11	26.7	4.09	32.7	5.39	35.3	6.02	38.0	6.71	40.5	7.42	42.4	7.91
	27	21.2	3.46	26.7	4.56	32.7	6.04	35.3	6.74	38.0	7.50	40.5	8.26	42.4	8.87
	29	21.2	3.88	26.7	5.17	32.7	6.81	35.3	7.57	38.0	8.39	40.5	9.08	42.4	9.61
	31	21.2	4.40	26.7	5.88	32.7	7.50	35.3	8.17	38.0	8.94	40.5	9.66	42.4	10.30
	33	21.2	5.08	26.7	6.46	32.7	8.01	35.3	8.78	38.0	9.60	40.5	10.35	42.4	11.02
	35	21.2	5.47	26.7	6.92	32.7	8.62	35.3	9.35	38.0	10.28	40.5	11.07	42.4	11.77
	37	21.2	5.88	26.7	7.40	32.7	9.18	35.3	10.03	38.0	11.00	40.5	11.91	42.4	12.57
	39	21.2	6.24	26.7	7.91	32.7	9.84	35.3	10.73	38.0	11.75	40.5	12.71	42.4	13.48
	41	21.2	6.69	26.7	8.44	32.7	10.54	35.3	11.56	38.0	12.63	40.5	13.64	42.4	14.46
	43	21.2	7.17	26.7	9.07	32.7	11.27	35.3	12.34	38.0	13.56	40.5	14.62	42.4	15.58
	46	21.2	8.01	26.7	10.04	32.7	12.57	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92
	48	21.2	8.56	26.7	10.75	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05
60	10	18.2	2.17	22.9	2.53	28.0	2.99	30.2	3.21	32.6	3.45	34.7	3.70	36.3	3.88
	12	18.2	2.19	22.9	2.57	28.0	3.02	30.2	3.25	32.6	3.53	34.7	3.75	36.3	3.96
	14	18.2	2.22	22.9	2.60	28.0	3.10	30.2	3.33	32.6	3.58	34.7	3.83	36.3	4.01
	16	18.2	2.22	22.9	2.63	28.0	3.14	30.2	3.37	32.6	3.62	34.7	3.88	36.3	4.10
	18	18.2	2.25	22.9	2.67	28.0	3.17	30.2	3.41	32.6	3.75	34.7	4.10	36.3	4.36
	20	18.2	2.28	22.9	2.70	28.0	3.36	30.2	3.74	32.6	4.11	34.7	4.49	36.3	4.82
	21	18.2	2.28	22.9	2.82	28.0	3.54	30.2	3.89	32.6	4.33	34.7	4.73	36.3	5.08
	23	18.2	2.43	22.9	3.08	28.0	3.89	30.2	4.34	32.6	4.82	34.7	5.26	36.3	5.64
	25	18.2	2.65	22.9	3.40	28.0	4.36	30.2	4.80	32.6	5.33	34.7	5.87	36.3	6.28
	27	18.2	2.93	22.9	3.78	28.0	4.85	30.2	5.39	32.6	5.98	34.7	6.57	36.3	7.02
	29	18.2	3.28	22.9	4.25	28.0	5.49	30.2	6.09	32.6	6.73	34.7	7.38	36.3	7.88
	31	18.2	3.72	22.9	4.86	28.0	6.25	30.2	6.86	32.6	7.49	34.7	8.00	36.3	8.50
	33	18.2	4.26	22.9	5.51	28.0	6.78	30.2	7.34	32.6	8.00	34.7	8.61	36.3	9.06
	35	18.2	4.78	22.9	5.91	28.0	7.25	30.2	7.84	32.6	8.54	34.7	9.17	36.3	9.72
	37	18.2	5.14	22.9	6.34	28.0	7.75	30.2	8.44	32.6	9.17	34.7	9.83	36.3	10.41
	39	18.2	5.46	22.9	6.80	28.0	8.27	30.2	9.00	32.6	9.84	34.7	10.53	36.3	11.13
	41	18.2	5.87	22.9	7.27	28.0	8.89	30.2	9.65	32.6	10.53	34.7	11.26	36.3	11.89
	43	18.2	6.24	22.9	7.78	28.0	9.55	30.2	10.34	32.6	11.26	34.7	12.11	36.3	12.78
	46	18.2	6.95	22.9	8.58	28.0	10.55	30.2	11.48	32.6	12.47	33.6	12.92	33.6	12.92
	48	18.2	7.45	22.9	9.23	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05
50	10	15.1	1.97	19.1	2.25	23.4	2.57	25.2	2.74	27.2	2.91	28.9	3.10	30.3	3.21
	12	15.1	1.97	19.1	2.25	23.4	2.60	25.2	2.77	27.2	2.95	28.9	3.14	30.3	3.25
	14	15.1	2.00	19.1	2.28	23.4	2.63	25.2	2.81	27.2	2.99	28.9	3.17	30.3	3.33
	16	15.1	2.00	19.1	2.31	23.4	2.67	25.2	2.84	27.2	3.02	28.9	3.21	30.3	3.37
	18	15.1	2.03	19.1	2.34	23.4	2.70	25.2	2.88	27.2	3.10	28.9	3.29	30.3	3.41
	20	15.1	2.05	19.1	2.38	23.4	2.74	25.2	2.96	27.2	3.25	28.9	3.52	30.3	3.74
	21	15.1	2.05	19.1	2.38	23.4	2.87	25.2	3.11	27.2	3.42	28.9	3.70	30.3	3.89
	23	15.1	2.12	19.1	2.55	23.4	3.14	25.2	3.41	27.2	3.76	28.9	4.08	30.3	4.34
	25	15.1	2.24	19.1	2.79	23.4	3.46	25.2	3.77	27.2	4.16	28.9	4.51	30.3	4.85
	27	15.1	2.46	19.1	3.10	23.4	3.85	25.2	4.26	27.2	4.69	28.9	5.08	30.3	5.40
	29	15.1	2.74	19.1	3.47	23.4	4.38	25.2	4.77	27.2	5.25	28.9	5.74	30.3	6.09
	31	15.1	3.06	19.1	3.94	23.4	4.95	25.2	5.45	27.2	5.98	28.9	6.52	30.3	6.87
	33	15.1	3.51	19.1	4.50	23.4	5.65	25.2	6.09	27.2	6.55	28.9	7.01	30.3	7.34
	35	15.1	4.08	19.1	4.98	23.4	5.99	25.2	6.46	27.2	7.01	28.9	7.50	30.3	7.85
	37	15.1	4.38	19.1	5.35	23.4	6.43	25.2	6.91	27.2	7.49	28.9	8.01	30.3	8.44
	39	15.1	4.72	19.1	5.69	23.4	6.89	25.2	7.40	27.2	8.00	28.9	8.62	30.3	9.00
	41	15.1	5.03	19.1	6.12	23.4	7.37	25.2	7.98	27.2	8.61	28.9	9.18	30.3	9.66
	43	15.1	5.43	19.1	6.57	23.4	7.88	25.2	8.51	27.2	9.18	28.9	9.85	30.3	10.35
	46	15.1	6.01	19.1	7.29	23.4	8.77	25.2	9.44	27.2	10.23	28.9	10.95	30.3	11.49
	48	15.1	6.47	19.1	7.81	23.4	9.42	25.2	10.13	27.2	10.95	27.4	11.05	27.4	11.05

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM200LTE5

Cooling Capacity (20HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	43.7	4.92	55.2	6.79	67.5	9.52	72.8	10.97	78.5	12.70	83.6	14.32	87.5	15.67
	12	43.7	5.03	55.2	6.98	67.5	10.19	72.8	11.78	78.5	13.59	83.6	15.37	87.5	16.78
	14	43.7	5.13	55.2	7.64	67.5	11.01	72.8	12.69	78.5	14.67	83.6	16.47	87.5	18.06
	16	43.7	5.53	55.2	8.29	67.5	12.01	72.8	13.78	78.5	15.90	83.6	17.82	87.5	19.47
	18	43.7	6.07	55.2	9.09	67.5	13.04	72.8	15.02	78.5	17.26	83.6	19.13	87.5	20.72
	20	43.7	6.74	55.2	9.98	67.5	14.31	72.8	16.26	78.5	18.34	83.6	20.41	87.5	22.08
	21	43.7	7.08	55.2	10.43	67.5	14.81	72.8	16.78	78.5	18.91	83.6	21.03	87.5	22.86
	23	43.7	7.81	55.2	11.59	67.5	15.89	72.8	17.87	78.5	20.22	83.6	22.57	87.5	24.52
	25	43.7	8.72	55.2	12.50	67.5	16.95	72.8	19.14	78.5	21.73	83.6	24.25	87.5	26.46
	27	43.7	9.69	55.2	13.40	67.5	18.18	72.8	20.60	78.5	23.37	83.6	26.31	87.5	28.71
	29	43.7	10.38	55.2	14.35	67.5	19.50	72.8	22.18	78.5	25.28	83.6	28.59	86.8	30.83
	31	43.7	11.11	55.2	15.36	67.5	21.03	72.8	23.91	78.5	27.50	83.6	31.25	84.6	31.99
	33	43.7	11.87	55.2	16.43	67.5	22.68	72.8	26.03	77.1	29.04	77.1	29.04	77.1	29.04
	35	43.7	12.76	55.2	17.67	67.5	24.60	69.5	26.01	69.5	26.01	69.5	26.01	69.5	26.01
	37	43.7	13.69	55.2	19.10	62.1	23.13	62.1	23.13	62.1	23.13	62.1	23.13	62.1	23.13
	39	43.7	14.67	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51
	41	43.7	15.82	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02
	43	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78
	46	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97
120	10	40.3	4.48	50.9	6.07	62.3	8.16	67.2	9.43	72.5	10.87	77.1	12.29	80.8	13.44
	12	40.3	4.57	50.9	6.19	62.3	8.78	67.2	10.17	72.5	11.68	77.1	13.15	80.8	14.36
	14	40.3	4.67	50.9	6.58	62.3	9.53	67.2	10.92	72.5	12.58	77.1	14.21	80.8	15.49
	16	40.3	4.84	50.9	7.18	62.3	10.36	67.2	11.90	72.5	13.67	77.1	15.32	80.8	16.77
	18	40.3	5.33	50.9	7.90	62.3	11.29	67.2	12.93	72.5	14.82	77.1	16.67	80.8	18.07
	20	40.3	5.88	50.9	8.70	62.3	12.34	67.2	14.19	72.5	16.06	77.1	17.86	80.8	19.19
	21	40.3	6.18	50.9	9.11	62.3	12.96	67.2	14.70	72.5	16.57	77.1	18.42	80.8	19.88
	23	40.3	6.90	50.9	10.08	62.3	14.04	67.2	15.78	72.5	17.75	77.1	19.69	80.8	21.24
	25	40.3	7.66	50.9	11.13	62.3	14.93	67.2	16.84	72.5	19.00	77.1	21.07	80.8	22.83
	27	40.3	8.61	50.9	11.89	62.3	16.04	67.2	18.06	72.5	20.36	77.1	22.66	80.8	24.66
	29	40.3	9.30	50.9	12.76	62.3	17.14	67.2	19.37	72.5	21.93	77.1	24.52	80.8	26.68
	31	40.3	9.97	50.9	13.69	62.3	18.50	67.2	20.89	72.5	23.74	77.1	26.67	80.8	29.15
	33	40.3	10.68	50.9	14.67	62.3	19.87	67.2	22.53	72.5	25.73	77.1	29.04	77.1	29.04
	35	40.3	11.50	50.9	15.70	62.3	21.45	67.2	24.43	69.5	26.01	69.5	26.01	69.5	26.01
	37	40.3	12.28	50.9	16.90	62.1	23.13	62.1	23.13	62.1	23.13	62.1	23.13	62.1	23.13
	39	40.3	13.19	50.9	18.29	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51
	41	40.3	14.15	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02
	43	40.3	15.27	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78
	46	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97
110	10	37.0	4.06	46.7	5.40	57.1	7.10	61.6	7.96	66.4	9.17	70.7	10.38	74.0	11.36
	12	37.0	4.10	46.7	5.51	57.1	7.47	61.6	8.60	66.4	9.90	70.7	11.17	74.0	12.19
	14	37.0	4.19	46.7	5.66	57.1	8.09	61.6	9.34	66.4	10.71	70.7	12.04	74.0	13.11
	16	37.0	4.29	46.7	6.20	57.1	8.84	61.6	10.16	66.4	11.60	70.7	13.01	74.0	14.23
	18	37.0	4.64	46.7	6.79	57.1	9.67	61.6	11.08	66.4	12.62	70.7	14.20	74.0	15.42
	20	37.0	5.13	46.7	7.52	57.1	10.60	61.6	12.11	66.4	13.85	70.7	15.49	74.0	16.62
	21	37.0	5.40	46.7	7.88	57.1	11.07	61.6	12.72	66.4	14.48	70.7	15.99	74.0	17.24
	23	37.0	6.00	46.7	8.75	57.1	12.28	61.6	13.74	66.4	15.45	70.7	17.05	74.0	18.35
	25	37.0	6.74	46.7	9.67	57.1	13.11	61.6	14.70	66.4	16.50	70.7	18.26	74.0	19.65
	27	37.0	7.53	46.7	10.54	57.1	14.05	61.6	15.71	66.4	17.70	70.7	19.57	74.0	21.14
	29	37.0	8.34	46.7	11.34	57.1	15.04	61.6	16.88	66.4	18.99	70.7	21.08	74.0	22.77
	31	37.0	8.97	46.7	12.12	57.1	16.18	61.6	18.13	66.4	20.48	70.7	22.72	74.0	24.65
	33	37.0	9.63	46.7	13.01	57.1	17.39	61.6	19.47	66.4	22.09	70.7	24.63	74.0	26.84
	35	37.0	10.31	46.7	13.96	57.1	18.69	61.6	21.03	66.4	23.96	69.5	26.01	69.5	26.01
	37	37.0	11.04	46.7	14.96	57.1	20.19	61.6	22.82	62.1	23.13	62.1	23.13	62.1	23.13
	39	37.0	11.80	46.7	16.11	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51
	41	37.0	12.68	46.7	17.34	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02
	43	37.0	13.61	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78
	46	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97

7. Capacity Tables

Cooling Capacity (20HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	33.6	3.66	42.5	4.77	51.9	6.19	56.0	6.91	60.4	7.75	64.3	8.62	67.3	9.44
	12	33.6	3.70	42.5	4.87	51.9	6.36	56.0	7.22	60.4	8.25	64.3	9.33	67.3	10.18
	14	33.6	3.79	42.5	4.97	51.9	6.82	56.0	7.82	60.4	8.98	64.3	10.10	67.3	11.00
	16	33.6	3.83	42.5	5.30	51.9	7.43	56.0	8.55	60.4	9.78	64.3	10.97	67.3	11.91
	18	33.6	4.06	42.5	5.83	51.9	8.17	56.0	9.29	60.4	10.67	64.3	11.93	67.3	12.94
	20	33.6	4.45	42.5	6.42	51.9	8.99	56.0	10.20	60.4	11.67	64.3	13.03	67.3	14.20
	21	33.6	4.69	42.5	6.74	51.9	9.41	56.0	10.74	60.4	12.26	64.3	13.68	67.3	14.79
	23	33.6	5.21	42.5	7.45	51.9	10.40	56.0	11.84	60.4	13.33	64.3	14.69	67.3	15.79
	25	33.6	5.82	42.5	8.33	51.9	11.42	56.0	12.79	60.4	14.26	64.3	15.69	67.3	16.84
	27	33.6	6.52	42.5	9.33	51.9	12.27	56.0	13.63	60.4	15.26	64.3	16.85	67.3	18.07
	29	33.6	7.34	42.5	9.94	51.9	13.08	56.0	14.59	60.4	16.40	64.3	17.99	67.3	19.38
	31	33.6	8.01	42.5	10.64	51.9	14.03	56.0	15.71	60.4	17.52	64.3	19.41	67.3	20.90
	33	33.6	8.55	42.5	11.46	51.9	15.11	56.0	16.80	60.4	18.93	64.3	20.94	67.3	22.54
	35	33.6	9.19	42.5	12.24	51.9	16.18	56.0	18.06	60.4	20.44	64.3	22.61	67.3	24.57
	37	33.6	9.86	42.5	13.14	51.9	17.40	56.0	19.52	60.4	22.07	62.1	23.13	62.1	23.13
	39	33.6	10.56	42.5	14.10	51.9	18.82	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51
	41	33.6	11.29	42.5	15.21	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02
	43	33.6	12.15	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78
	46	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97
90	10	30.3	3.29	38.2	4.19	46.7	5.40	50.4	5.95	54.3	6.61	57.8	7.23	60.6	7.75
	12	30.3	3.33	38.2	4.29	46.7	5.51	50.4	6.07	54.3	6.79	57.8	7.64	60.6	8.33
	14	30.3	3.37	38.2	4.33	46.7	5.67	50.4	6.49	54.3	7.40	57.8	8.27	60.6	9.06
	16	30.3	3.45	38.2	4.43	46.7	6.20	50.4	7.08	54.3	8.10	57.8	9.02	60.6	9.79
	18	30.3	3.49	38.2	4.90	46.7	6.79	50.4	7.73	54.3	8.82	57.8	9.87	60.6	10.69
	20	30.3	3.87	38.2	5.42	46.7	7.52	50.4	8.53	54.3	9.69	57.8	10.82	60.6	11.77
	21	30.3	4.03	38.2	5.70	46.7	7.88	50.4	8.93	54.3	10.21	57.8	11.37	60.6	12.29
	23	30.3	4.49	38.2	6.32	46.7	8.75	50.4	9.88	54.3	11.26	57.8	12.51	60.6	13.42
	25	30.3	5.03	38.2	7.03	46.7	9.74	50.4	10.94	54.3	12.20	57.8	13.41	60.6	14.36
	27	30.3	5.59	38.2	7.91	46.7	10.61	50.4	11.77	54.3	13.09	57.8	14.36	60.6	15.36
	29	30.3	6.32	38.2	8.69	46.7	11.35	50.4	12.56	54.3	14.03	57.8	15.36	60.6	16.42
	31	30.3	7.11	38.2	9.33	46.7	12.12	50.4	13.48	54.3	15.02	57.8	16.43	60.6	17.64
	33	30.3	7.60	38.2	10.00	46.7	13.01	50.4	14.44	54.3	16.07	57.8	17.66	60.6	18.95
	35	30.3	8.12	38.2	10.71	46.7	13.96	50.4	15.47	54.3	17.29	57.8	19.08	60.6	20.46
	37	30.3	8.74	38.2	11.46	46.7	14.96	50.4	16.65	54.3	18.69	57.8	20.61	60.6	22.21
	39	30.3	9.38	38.2	12.32	46.7	16.12	50.4	17.92	54.3	20.09	55.0	20.51	55.0	20.51
	41	30.3	9.98	38.2	13.23	46.7	17.35	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02
	43	30.3	10.77	38.2	14.19	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78
	46	30.3	11.95	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97
80	10	26.9	2.95	34.0	3.70	41.5	4.62	44.8	5.08	48.3	5.62	51.4	6.13	53.8	6.54
	12	26.9	2.99	34.0	3.75	41.5	4.72	44.8	5.18	48.3	5.73	51.4	6.25	53.8	6.67
	14	26.9	3.02	34.0	3.83	41.5	4.82	44.8	5.29	48.3	5.97	51.4	6.73	53.8	7.30
	16	26.9	3.06	34.0	3.88	41.5	5.10	44.8	5.75	48.3	6.59	51.4	7.33	53.8	7.94
	18	26.9	3.14	34.0	4.12	41.5	5.61	44.8	6.37	48.3	7.20	51.4	8.00	53.8	8.71
	20	26.9	3.31	34.0	4.51	41.5	6.18	44.8	7.00	48.3	7.96	51.4	8.81	53.8	9.58
	21	26.9	3.45	34.0	4.75	41.5	6.50	44.8	7.35	48.3	8.34	51.4	9.29	53.8	10.01
	23	26.9	3.84	34.0	5.29	41.5	7.19	44.8	8.17	48.3	9.25	51.4	10.20	53.8	11.05
	25	26.9	4.25	34.0	5.90	41.5	8.04	44.8	9.04	48.3	10.28	51.4	11.31	53.8	12.09
	27	26.9	4.79	34.0	6.62	41.5	9.02	44.8	9.98	48.3	11.09	51.4	12.07	53.8	12.89
	29	26.9	5.43	34.0	7.44	41.5	9.66	44.8	10.68	48.3	11.85	51.4	12.96	53.8	13.82
	31	26.9	6.12	34.0	8.10	41.5	10.35	44.8	11.50	48.3	12.73	51.4	13.81	53.8	14.80
	33	26.9	6.65	34.0	8.64	41.5	11.16	44.8	12.28	48.3	13.57	51.4	14.89	53.8	15.84
	35	26.9	7.18	34.0	9.28	41.5	11.92	44.8	13.19	48.3	14.63	51.4	15.94	53.8	17.04
	37	26.9	7.68	34.0	9.96	41.5	12.81	44.8	14.14	48.3	15.67	51.4	17.15	53.8	18.43
	39	26.9	8.20	34.0	10.66	41.5	13.75	44.8	15.16	48.3	16.87	51.4	18.45	53.8	19.81
	41	26.9	8.82	34.0	11.49	41.5	14.74	44.8	16.33	48.1	18.02	48.1	18.02	48.1	18.02
	43	26.9	9.47	34.0	12.27	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78
	46	26.9	10.47	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97

7. Capacity Tables

Cooling Capacity (20HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	23.5	2.63	29.7	3.21	36.4	3.97	39.2	4.33	42.3	4.72	45.0	5.13	47.1	5.45
	12	23.5	2.67	29.7	3.25	36.4	4.06	39.2	4.43	42.3	4.82	45.0	5.24	47.1	5.56
	14	23.5	2.70	29.7	3.33	36.4	4.10	39.2	4.48	42.3	4.92	45.0	5.34	47.1	5.74
	16	23.5	2.74	29.7	3.37	36.4	4.19	39.2	4.64	42.3	5.24	45.0	5.82	47.1	6.28
	18	23.5	2.77	29.7	3.45	36.4	4.56	39.2	5.11	42.3	5.76	45.0	6.38	47.1	6.88
	20	23.5	2.83	29.7	3.76	36.4	4.99	39.2	5.64	42.3	6.35	45.0	7.02	47.1	7.61
	21	23.5	2.97	29.7	3.96	36.4	5.26	39.2	5.93	42.3	6.67	45.0	7.42	47.1	7.98
	23	23.5	3.26	29.7	4.36	36.4	5.84	39.2	6.57	42.3	7.43	45.0	8.19	47.1	8.85
	25	23.5	3.60	29.7	4.89	36.4	6.57	39.2	7.37	42.3	8.24	45.0	9.13	47.1	9.85
	27	23.5	4.01	29.7	5.49	36.4	7.34	39.2	8.22	42.3	9.24	45.0	10.06	47.1	10.71
	29	23.5	4.56	29.7	6.21	36.4	8.17	39.2	9.02	42.3	9.92	45.0	10.77	47.1	11.45
	31	23.5	5.16	29.7	6.96	36.4	8.79	39.2	9.61	42.3	10.63	45.0	11.51	47.1	12.23
	33	23.5	5.81	29.7	7.44	36.4	9.44	39.2	10.30	42.3	11.37	45.0	12.38	47.1	13.13
	35	23.5	6.23	29.7	7.95	36.4	10.12	39.2	11.10	42.3	12.22	45.0	13.20	47.1	14.08
	37	23.5	6.68	29.7	8.56	36.4	10.83	39.2	11.86	42.3	13.04	45.0	14.25	47.1	15.18
	39	23.5	7.15	29.7	9.20	36.4	11.58	39.2	12.75	42.3	13.99	45.0	15.27	47.1	16.25
	41	23.5	7.65	29.7	9.79	36.4	12.45	39.2	13.68	42.3	15.09	45.0	16.45	47.1	17.49
	43	23.5	8.25	29.7	10.57	36.4	13.37	39.2	14.67	41.5	15.78	41.5	15.78	41.5	15.78
	46	23.5	9.17	29.7	11.73	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	23.5	9.84	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97
60	10	20.2	2.34	25.5	2.81	31.2	3.37	33.6	3.66	36.2	3.97	38.6	4.24	40.4	4.48
	12	20.2	2.38	25.5	2.84	31.2	3.41	33.6	3.70	36.2	4.01	38.6	4.33	40.4	4.57
	14	20.2	2.41	25.5	2.88	31.2	3.49	33.6	3.79	36.2	4.10	38.6	4.38	40.4	4.67
	16	20.2	2.44	25.5	2.91	31.2	3.53	33.6	3.83	36.2	4.19	38.6	4.51	40.4	4.89
	18	20.2	2.47	25.5	2.99	31.2	3.66	33.6	4.06	36.2	4.51	38.6	4.97	40.4	5.33
	20	20.2	2.50	25.5	3.11	31.2	4.00	33.6	4.45	36.2	4.99	38.6	5.49	40.4	5.94
	21	20.2	2.53	25.5	3.23	31.2	4.22	33.6	4.68	36.2	5.25	38.6	5.78	40.4	6.24
	23	20.2	2.74	25.5	3.59	31.2	4.70	33.6	5.21	36.2	5.83	38.6	6.40	40.4	6.91
	25	20.2	3.02	25.5	3.98	31.2	5.20	33.6	5.82	36.2	6.50	38.6	7.19	40.4	7.67
	27	20.2	3.36	25.5	4.43	31.2	5.84	33.6	6.52	36.2	7.26	38.6	8.02	40.4	8.61
	29	20.2	3.77	25.5	5.03	31.2	6.59	33.6	7.34	36.2	8.17	38.6	8.85	40.4	9.37
	31	20.2	4.33	25.5	5.74	31.2	7.35	33.6	8.01	36.2	8.71	38.6	9.42	40.4	9.98
	33	20.2	4.95	25.5	6.33	31.2	7.86	33.6	8.55	36.2	9.36	38.6	10.10	40.4	10.76
	35	20.2	5.41	25.5	6.78	31.2	8.39	33.6	9.19	36.2	10.03	38.6	10.82	40.4	11.51
	37	20.2	5.75	25.5	7.25	31.2	9.02	33.6	9.86	36.2	10.74	38.6	11.65	40.4	12.29
	39	20.2	6.17	25.5	7.76	31.2	9.68	33.6	10.56	36.2	11.57	38.6	12.43	40.4	13.20
	41	20.2	6.62	25.5	8.36	31.2	10.37	33.6	11.29	36.2	12.36	38.6	13.35	40.4	14.16
	43	20.2	7.10	25.5	8.91	31.2	11.09	33.6	12.15	36.2	13.27	38.6	14.42	40.4	15.27
	46	20.2	7.93	25.5	9.95	31.2	12.38	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	20.2	8.48	25.5	10.66	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97
50	10	16.8	2.11	21.2	2.44	26.0	2.84	28.0	3.06	30.2	3.25	32.1	3.49	33.6	3.66
	12	16.8	2.11	21.2	2.47	26.0	2.88	28.0	3.10	30.2	3.33	32.1	3.53	33.6	3.70
	14	16.8	2.14	21.2	2.50	26.0	2.95	28.0	3.14	30.2	3.37	32.1	3.58	33.6	3.79
	16	16.8	2.17	21.2	2.53	26.0	2.99	28.0	3.17	30.2	3.45	32.1	3.66	33.6	3.83
	18	16.8	2.17	21.2	2.57	26.0	3.02	28.0	3.25	30.2	3.49	32.1	3.82	33.6	4.06
	20	16.8	2.20	21.2	2.60	26.0	3.16	28.0	3.48	30.2	3.82	32.1	4.18	33.6	4.50
	21	16.8	2.22	21.2	2.65	26.0	3.33	28.0	3.66	30.2	4.03	32.1	4.41	33.6	4.69
	23	16.8	2.31	21.2	2.89	26.0	3.66	28.0	4.03	30.2	4.49	32.1	4.91	33.6	5.22
	25	16.8	2.51	21.2	3.19	26.0	4.10	28.0	4.52	30.2	4.97	32.1	5.43	33.6	5.82
	27	16.8	2.78	21.2	3.55	26.0	4.57	28.0	5.03	30.2	5.59	32.1	6.10	33.6	6.53
	29	16.8	3.11	21.2	4.04	26.0	5.18	28.0	5.70	30.2	6.31	32.1	6.93	33.6	7.35
	31	16.8	3.53	21.2	4.57	26.0	5.85	28.0	6.48	30.2	7.05	32.1	7.60	33.6	8.02
	33	16.8	4.05	21.2	5.28	26.0	6.41	28.0	6.96	30.2	7.60	32.1	8.12	33.6	8.55
	35	16.8	4.58	21.2	5.63	26.0	6.87	28.0	7.44	30.2	8.12	32.1	8.73	33.6	9.19
	37	16.8	4.93	21.2	6.05	26.0	7.42	28.0	8.02	30.2	8.73	32.1	9.30	33.6	9.86
	39	16.8	5.25	21.2	6.49	26.0	7.93	28.0	8.56	30.2	9.30	32.1	9.98	33.6	10.56
	41	16.8	5.65	21.2	6.95	26.0	8.46	28.0	9.20	30.2	9.98	32.1	10.77	33.6	11.30
	43	16.8	6.08	21.2	7.45	26.0	9.10	28.0	9.87	30.2	10.69	32.1	11.51	33.6	12.15
	46	16.8	6.70	21.2	8.31	26.0	10.15	28.0	10.98	30.2	11.94	32.1	12.74	32.1	12.74
	48	16.8	7.27	21.2	8.86	26.0	10.87	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM221LTE5

Cooling Capacity (22HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	48.0	5.65	60.7	7.64	74.3	11.04	80.1	12.72	86.3	14.73	91.9	16.59	96.2	18.12
	12	48.0	5.74	60.7	8.24	74.3	11.93	80.1	13.71	86.3	15.79	91.9	17.83	96.2	19.54
	14	48.0	6.01	60.7	8.93	74.3	12.89	80.1	14.88	86.3	17.19	91.9	19.43	96.2	21.15
	16	48.0	6.58	60.7	9.77	74.3	14.08	80.1	16.23	86.3	18.69	91.9	20.78	96.2	22.58
	18	48.0	7.24	60.7	10.70	74.3	15.42	80.1	17.63	86.3	19.99	91.9	22.29	96.2	24.07
	20	48.0	7.95	60.7	11.79	74.3	16.73	80.1	18.88	86.3	21.37	91.9	23.81	96.2	25.90
	21	48.0	8.38	60.7	12.41	74.3	17.25	80.1	19.50	86.3	22.13	91.9	24.70	96.2	26.86
	23	48.0	9.27	60.7	13.59	74.3	18.46	80.1	20.89	86.3	23.74	91.9	26.62	96.2	29.01
	25	48.0	10.37	60.7	14.56	74.3	19.86	80.1	22.43	86.3	25.61	91.9	28.83	95.3	30.90
	27	48.0	11.23	60.7	15.59	74.3	21.29	80.1	24.23	86.3	27.77	91.9	31.36	93.9	32.66
	29	48.0	12.05	60.7	16.73	74.3	22.95	80.1	26.17	86.3	30.23	90.3	32.96	91.8	33.97
	31	48.0	12.91	60.7	17.94	74.3	24.81	80.1	28.43	83.5	30.66	83.8	30.84	83.8	30.84
	33	48.0	13.86	60.7	19.28	73.9	26.62	75.9	27.86	75.9	27.86	75.9	27.86	75.9	27.86
	35	48.0	14.86	60.7	20.83	68.3	25.21	68.3	25.21	68.3	25.21	68.3	25.21	68.3	25.21
	37	48.0	16.02	59.8	21.98	61.0	22.68	61.0	22.68	61.0	22.68	61.0	22.68	61.0	22.68
	39	48.0	17.26	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26
	41	46.7	17.80	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02
	43	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94
	46	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38
120	10	44.4	5.14	56.1	6.83	68.6	9.49	73.9	10.94	79.7	12.60	84.9	14.18	88.9	15.52
	12	44.4	5.23	56.1	7.15	68.6	10.30	73.9	11.82	79.7	13.58	84.9	15.31	88.9	16.69
	14	44.4	5.34	56.1	7.79	68.6	11.15	73.9	12.82	79.7	14.74	84.9	16.61	88.9	18.20
	16	44.4	5.81	56.1	8.52	68.6	12.15	73.9	13.95	79.7	16.10	84.9	18.06	88.9	19.65
	18	44.4	6.35	56.1	9.33	68.6	13.31	73.9	15.32	79.7	17.49	84.9	19.43	88.9	20.99
	20	44.4	7.02	56.1	10.26	68.6	14.65	73.9	16.61	79.7	18.68	84.9	20.78	88.9	22.42
	21	44.4	7.37	56.1	10.80	68.6	15.22	73.9	17.12	79.7	19.37	84.9	21.46	88.9	23.22
	23	44.4	8.16	56.1	11.96	68.6	16.27	73.9	18.32	79.7	20.73	84.9	23.02	88.9	25.01
	25	44.4	9.13	56.1	12.95	68.6	17.48	73.9	19.65	79.7	22.28	84.9	24.84	88.9	26.98
	27	44.4	10.12	56.1	13.89	68.6	18.77	73.9	21.13	79.7	23.99	84.9	26.81	88.9	29.26
	29	44.4	10.87	56.1	14.89	68.6	20.14	73.9	22.78	79.7	25.99	84.9	29.19	88.9	31.93
	31	44.4	11.63	56.1	16.00	68.6	21.68	73.9	24.64	79.7	28.23	82.9	30.27	83.8	30.84
	33	44.4	12.50	56.1	17.16	68.6	23.46	73.7	26.54	75.9	27.86	75.9	27.86	75.9	27.86
	35	44.4	13.39	56.1	18.46	67.3	24.54	68.3	25.21	68.3	25.21	68.3	25.21	68.3	25.21
	37	44.4	14.37	56.1	19.91	61.0	22.68	61.0	22.68	61.0	22.68	61.0	22.68	61.0	22.68
	39	44.4	15.50	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26
	41	44.4	16.60	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02
	43	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94
	46	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38
110	10	40.7	4.66	51.4	6.13	62.9	8.10	67.8	9.32	73.1	10.70	77.7	12.06	81.4	13.14
	12	40.7	4.74	51.4	6.25	62.9	8.78	67.8	10.04	73.1	11.54	77.7	13.01	81.4	14.15
	14	40.7	4.85	51.4	6.69	62.9	9.51	67.8	10.88	73.1	12.56	77.7	14.08	81.4	15.35
	16	40.7	5.08	51.4	7.34	62.9	10.39	67.8	11.91	73.1	13.63	77.7	15.37	81.4	16.76
	18	40.7	5.59	51.4	8.03	62.9	11.40	67.8	13.04	73.1	14.97	77.7	16.77	81.4	18.14
	20	40.7	6.11	51.4	8.86	62.9	12.56	67.8	14.39	73.1	16.28	77.7	17.94	81.4	19.37
	21	40.7	6.42	51.4	9.32	62.9	13.22	67.8	14.96	73.1	16.81	77.7	18.60	81.4	20.01
	23	40.7	7.12	51.4	10.35	62.9	14.26	67.8	16.00	73.1	18.04	77.7	19.93	81.4	21.48
	25	40.7	7.98	51.4	11.43	62.9	15.26	67.8	17.15	73.1	19.35	77.7	21.35	81.4	23.13
	27	40.7	8.96	51.4	12.30	62.9	16.42	67.8	18.41	73.1	20.75	77.7	23.00	81.4	24.97
	29	40.7	9.71	51.4	13.17	62.9	17.57	67.8	19.77	73.1	22.32	77.7	24.85	81.4	26.97
	31	40.7	10.45	51.4	14.13	62.9	18.94	67.8	21.28	73.1	24.13	77.7	26.94	81.3	29.28
	33	40.7	11.18	51.4	15.15	62.9	20.34	67.8	23.04	73.1	26.17	75.4	27.58	75.9	27.86
	35	40.7	11.99	51.4	16.32	62.9	22.03	66.9	24.37	68.3	25.21	68.3	25.21	68.3	25.21
	37	40.7	12.90	51.4	17.52	60.8	22.53	61.0	22.68	61.0	22.68	61.0	22.68	61.0	22.68
	39	40.7	13.85	51.4	18.90	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26
	41	40.7	14.85	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02
	43	40.0	15.60	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94
	46	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38

7. Capacity Tables

Cooling Capacity (22HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	37.0	4.24	46.7	5.45	57.2	7.00	61.6	7.84	66.4	8.96	70.7	10.06	74.0	10.98
	12	37.0	4.33	46.7	5.54	57.2	7.39	61.6	8.44	66.4	9.71	70.7	10.91	74.0	11.83
	14	37.0	4.39	46.7	5.73	57.2	8.04	61.6	9.18	66.4	10.53	70.7	11.80	74.0	12.82
	16	37.0	4.46	46.7	6.31	57.2	8.78	61.6	10.05	66.4	11.49	70.7	12.84	74.0	14.01
	18	37.0	4.89	46.7	6.91	57.2	9.65	61.6	10.98	66.4	12.58	70.7	14.11	74.0	15.38
	20	37.0	5.32	46.7	7.56	57.2	10.61	61.6	12.11	66.4	13.87	70.7	15.45	74.0	16.61
	21	37.0	5.59	46.7	7.97	57.2	11.13	61.6	12.75	66.4	14.51	70.7	15.97	74.0	17.18
	23	37.0	6.17	46.7	8.86	57.2	12.37	61.6	13.89	66.4	15.54	70.7	17.10	74.0	18.39
	25	37.0	6.92	46.7	9.92	57.2	13.30	61.6	14.82	66.4	16.61	70.7	18.36	74.0	19.72
	27	37.0	7.77	46.7	10.80	57.2	14.27	61.6	15.92	66.4	17.85	70.7	19.65	74.0	21.15
	29	37.0	8.66	46.7	11.60	57.2	15.28	61.6	17.07	66.4	19.18	70.7	21.19	74.0	22.86
	31	37.0	9.30	46.7	12.43	57.2	16.46	61.6	18.35	66.4	20.60	70.7	22.81	74.0	24.72
	33	37.0	9.97	46.7	13.31	57.2	17.65	61.6	19.78	66.4	22.29	70.7	24.68	73.7	26.55
	35	37.0	10.72	46.7	14.28	57.2	18.99	61.6	21.30	66.3	24.04	68.2	25.13	68.3	25.21
	37	37.0	11.47	46.7	15.41	57.2	20.52	60.2	22.21	61.0	22.68	61.0	22.68	61.0	22.68
	39	37.0	12.35	46.7	16.50	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26
	41	37.0	13.22	46.1	17.46	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02
	43	37.0	14.19	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94
	46	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38
90	10	33.3	3.85	42.0	4.85	51.4	6.13	55.4	6.77	59.8	7.47	63.6	8.27	66.6	9.01
	12	33.3	3.91	42.0	4.93	51.4	6.25	55.4	7.01	59.8	8.00	63.6	8.98	66.6	9.72
	14	33.3	3.96	42.0	5.03	51.4	6.69	55.4	7.65	59.8	8.72	63.6	9.76	66.6	10.58
	16	33.3	4.03	42.0	5.35	51.4	7.35	55.4	8.36	59.8	9.51	63.6	10.63	66.6	11.50
	18	33.3	4.21	42.0	5.87	51.4	8.04	55.4	9.17	59.8	10.44	63.6	11.65	66.6	12.65
	20	33.3	4.63	42.0	6.46	51.4	8.89	55.4	10.08	59.8	11.47	63.6	12.83	66.6	13.94
	21	33.3	4.84	42.0	6.75	51.4	9.33	55.4	10.57	59.8	12.08	63.6	13.48	66.6	14.53
	23	33.3	5.37	42.0	7.48	51.4	10.36	55.4	11.82	59.8	13.29	63.6	14.56	66.6	15.61
	25	33.3	5.95	42.0	8.37	51.4	11.48	55.4	12.77	59.8	14.24	63.6	15.57	66.6	16.74
	27	33.3	6.69	42.0	9.36	51.4	12.30	55.4	13.66	59.8	15.26	63.6	16.70	66.6	17.93
	29	33.3	7.55	42.0	10.13	51.4	13.21	55.4	14.69	59.8	16.33	63.6	17.91	66.6	19.26
	31	33.3	8.21	42.0	10.85	51.4	14.14	55.4	15.74	59.8	17.56	63.6	19.24	66.6	20.73
	33	33.3	8.83	42.0	11.69	51.4	15.20	55.4	16.94	59.8	18.88	63.6	20.79	66.6	22.32
	35	33.3	9.43	42.0	12.48	51.4	16.33	55.4	18.17	59.8	20.35	63.6	22.45	66.4	24.05
	37	33.3	10.16	42.0	13.40	51.4	17.57	55.4	19.59	59.4	21.80	61.0	22.68	61.0	22.68
	39	33.3	10.88	42.0	14.43	51.4	18.91	53.7	20.11	54.0	20.26	54.0	20.26	54.0	20.26
	41	33.3	11.73	42.0	15.47	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02
	43	33.3	12.57	40.6	15.93	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94
	46	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38
80	10	29.5	3.48	37.4	4.29	45.7	5.34	49.3	5.81	53.2	6.41	56.5	6.94	59.2	7.37
	12	29.5	3.52	37.4	4.36	45.7	5.43	49.3	5.92	53.2	6.55	56.5	7.25	59.2	7.89
	14	29.5	3.59	37.4	4.43	45.7	5.59	49.3	6.29	53.2	7.09	56.5	7.93	59.2	8.57
	16	29.5	3.63	37.4	4.53	45.7	6.10	49.3	6.88	53.2	7.77	56.5	8.63	59.2	9.36
	18	29.5	3.68	37.4	4.93	45.7	6.65	49.3	7.50	53.2	8.49	56.5	9.45	59.2	10.27
	20	29.5	3.99	37.4	5.44	45.7	7.31	49.3	8.30	53.2	9.38	56.5	10.43	59.2	11.29
	21	29.5	4.17	37.4	5.67	45.7	7.72	49.3	8.71	53.2	9.89	56.5	10.98	59.2	11.89
	23	29.5	4.58	37.4	6.29	45.7	8.54	49.3	9.68	53.2	10.97	56.5	12.19	59.2	13.07
	25	29.5	5.07	37.4	7.02	45.7	9.56	49.3	10.77	53.2	12.03	56.5	13.12	59.2	14.02
	27	29.5	5.67	37.4	7.89	45.7	10.53	49.3	11.62	53.2	12.88	56.5	14.03	59.2	15.01
	29	29.5	6.40	37.4	8.79	45.7	11.26	49.3	12.46	53.2	13.83	56.5	15.08	59.2	16.12
	31	29.5	7.23	37.4	9.41	45.7	12.08	49.3	13.33	53.2	14.83	56.5	16.20	59.2	17.30
	33	29.5	7.79	37.4	10.08	45.7	12.99	49.3	14.31	53.2	15.93	56.5	17.44	59.2	18.60
	35	29.5	8.30	37.4	10.84	45.7	13.94	49.3	15.44	53.2	17.09	56.5	18.75	59.2	20.05
	37	29.5	8.92	37.4	11.59	45.7	14.95	49.3	16.53	53.2	18.45	56.5	20.21	59.1	21.65
	39	29.5	9.59	37.4	12.48	45.7	16.07	49.3	17.79	52.7	19.58	54.0	20.26	54.0	20.26
	41	29.5	10.28	37.4	13.41	45.7	17.24	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02
	43	29.5	11.05	37.4	14.39	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94
	46	29.5	12.34	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38

7. Capacity Tables

Cooling Capacity (22HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	25.9	3.15	32.7	3.78	40.0	4.61	43.1	4.98	46.5	5.43	49.5	5.86	51.9	6.19
	12	25.9	3.17	32.7	3.85	40.0	4.66	43.1	5.09	46.5	5.54	49.5	5.95	51.9	6.32
	14	25.9	3.21	32.7	3.91	40.0	4.74	43.1	5.17	46.5	5.72	49.5	6.30	51.9	6.82
	16	25.9	3.25	32.7	3.96	40.0	4.96	43.1	5.57	46.5	6.23	49.5	6.89	51.9	7.45
	18	25.9	3.29	32.7	4.14	40.0	5.44	43.1	6.09	46.5	6.84	49.5	7.58	51.9	8.14
	20	25.9	3.46	32.7	4.50	40.0	5.99	43.1	6.69	46.5	7.54	49.5	8.31	51.9	8.97
	21	25.9	3.59	32.7	4.73	40.0	6.28	43.1	7.03	46.5	7.93	49.5	8.77	51.9	9.49
	23	25.9	3.91	32.7	5.21	40.0	6.93	43.1	7.82	46.5	8.80	49.5	9.74	51.9	10.53
	25	25.9	4.32	32.7	5.81	40.0	7.77	43.1	8.71	46.5	9.82	49.5	10.87	51.9	11.59
	27	25.9	4.78	32.7	6.50	40.0	8.72	43.1	9.74	46.5	10.74	49.5	11.68	51.9	12.42
	29	25.9	5.39	32.7	7.38	40.0	9.51	43.1	10.45	46.5	11.54	49.5	12.52	51.9	13.34
	31	25.9	6.17	32.7	8.07	40.0	10.23	43.1	11.23	46.5	12.38	49.5	13.45	51.9	14.32
	33	25.9	6.77	32.7	8.67	40.0	10.96	43.1	12.04	46.5	13.29	49.5	14.43	51.9	15.34
	35	25.9	7.24	32.7	9.27	40.0	11.76	43.1	12.95	46.5	14.27	49.5	15.46	51.9	16.53
	37	25.9	7.77	32.7	9.95	40.0	12.65	43.1	13.90	46.5	15.28	49.5	16.65	51.9	17.79
	39	25.9	8.32	32.7	10.69	40.0	13.59	43.1	14.91	46.5	16.47	49.5	17.92	51.9	19.14
	41	25.9	8.96	32.7	11.49	40.0	14.58	43.1	16.02	46.0	17.44	47.2	18.02	47.2	18.02
	43	25.9	9.63	32.7	12.32	39.7	15.47	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94
	46	25.9	10.71	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	25.3	11.26	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38
60	10	22.2	2.84	28.0	3.33	34.3	3.96	37.0	4.24	39.8	4.56	42.4	4.90	44.4	5.14
	12	22.2	2.88	28.0	3.38	34.3	4.00	37.0	4.31	39.8	4.66	42.4	4.98	44.4	5.23
	14	22.2	2.91	28.0	3.44	34.3	4.07	37.0	4.39	39.8	4.74	42.4	5.09	44.4	5.34
	16	22.2	2.93	28.0	3.48	34.3	4.15	37.0	4.46	39.8	4.96	42.4	5.42	44.4	5.81
	18	22.2	2.97	28.0	3.52	34.3	4.40	37.0	4.89	39.8	5.42	42.4	5.95	44.4	6.35
	20	22.2	3.00	28.0	3.75	34.3	4.82	37.0	5.32	39.8	5.97	42.4	6.52	44.4	7.02
	21	22.2	3.09	28.0	3.91	34.3	5.06	37.0	5.59	39.8	6.24	42.4	6.84	44.4	7.37
	23	22.2	3.32	28.0	4.29	34.3	5.58	37.0	6.17	39.8	6.92	42.4	7.58	44.4	8.16
	25	22.2	3.62	28.0	4.75	34.3	6.20	37.0	6.92	39.8	7.71	42.4	8.49	44.4	9.13
	27	22.2	3.99	28.0	5.30	34.3	6.96	37.0	7.77	39.8	8.71	42.4	9.51	44.4	10.12
	29	22.2	4.50	28.0	5.99	34.3	7.87	37.0	8.66	39.8	9.46	42.4	10.28	44.4	10.88
	31	22.2	5.10	28.0	6.80	34.3	8.50	37.0	9.30	39.8	10.15	42.4	11.00	44.4	11.63
	33	22.2	5.84	28.0	7.33	34.3	9.13	37.0	9.97	39.8	10.90	42.4	11.81	44.4	12.52
	35	22.2	6.27	28.0	7.86	34.3	9.79	37.0	10.72	39.8	11.70	42.4	12.70	44.4	13.39
	37	22.2	6.68	28.0	8.42	34.3	10.54	37.0	11.47	39.8	12.54	42.4	13.58	44.4	14.37
	39	22.2	7.18	28.0	9.05	34.3	11.28	37.0	12.35	39.8	13.47	42.4	14.58	44.4	15.50
	41	22.2	7.75	28.0	9.71	34.3	12.10	37.0	13.21	39.8	14.47	42.4	15.67	44.4	16.66
	43	22.2	8.27	28.0	10.47	34.3	13.02	37.0	14.19	39.6	15.46	40.7	15.94	40.7	15.94
	46	22.2	9.27	28.0	11.61	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	22.2	9.96	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38
50	10	18.5	2.57	23.3	2.93	28.6	3.40	30.8	3.61	33.2	3.85	35.4	4.07	37.0	4.24
	12	18.5	2.57	23.3	2.97	28.6	3.44	30.8	3.67	33.2	3.91	35.4	4.13	37.0	4.33
	14	18.5	2.60	23.3	3.00	28.6	3.48	30.8	3.72	33.2	3.96	35.4	4.20	37.0	4.39
	16	18.5	2.63	23.3	3.04	28.6	3.52	30.8	3.76	33.2	4.03	35.4	4.26	37.0	4.48
	18	18.5	2.65	23.3	3.08	28.6	3.59	30.8	3.86	33.2	4.21	35.4	4.58	37.0	4.89
	20	18.5	2.69	23.3	3.14	28.6	3.84	30.8	4.19	33.2	4.61	35.4	5.01	37.0	5.35
	21	18.5	2.69	23.3	3.24	28.6	4.03	30.8	4.40	33.2	4.84	35.4	5.26	37.0	5.60
	23	18.5	2.85	23.3	3.50	28.6	4.39	30.8	4.84	33.2	5.30	35.4	5.80	37.0	6.20
	25	18.5	3.05	23.3	3.85	28.6	4.87	30.8	5.33	33.2	5.91	35.4	6.48	37.0	6.92
	27	18.5	3.33	23.3	4.25	28.6	5.40	30.8	6.00	33.2	6.65	35.4	7.28	37.0	7.78
	29	18.5	3.70	23.3	4.76	28.6	6.13	30.8	6.77	33.2	7.55	35.4	8.19	37.0	8.66
	31	18.5	4.18	23.3	5.43	28.6	6.94	30.8	7.55	33.2	8.21	35.4	8.84	37.0	9.30
	33	18.5	4.81	23.3	6.13	28.6	7.47	30.8	8.12	33.2	8.79	35.4	9.44	37.0	9.97
	35	18.5	5.36	23.3	6.56	28.6	8.05	30.8	8.70	33.2	9.43	35.4	10.13	37.0	10.72
	37	18.5	5.70	23.3	7.00	28.6	8.61	30.8	9.34	33.2	10.16	35.4	10.89	37.0	11.47
	39	18.5	6.11	23.3	7.57	28.6	9.26	30.8	10.02	33.2	10.88	35.4	11.69	37.0	12.35
	41	18.5	6.59	23.3	8.12	28.6	9.94	30.8	10.78	33.2	11.67	35.4	12.53	37.0	13.28
	43	18.5	7.05	23.3	8.70	28.6	10.65	30.8	11.53	33.2	12.57	35.4	13.47	37.0	14.25
	46	18.5	7.88	23.3	9.67	28.6	11.85	30.5	12.77	31.3	13.10	31.3	13.10	31.3	13.10
	48	18.5	8.46	23.3	10.43	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM241LTE5

Cooling Capacity (24HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	52.4	6.28	66.2	8.66	81.0	12.74	87.4	14.66	94.2	16.96	100.2	19.14	105.0	20.88
	12	52.4	6.40	66.2	9.44	81.0	13.68	87.4	15.72	94.2	18.14	100.2	20.48	105.0	22.48
	14	52.4	6.78	66.2	10.18	81.0	14.76	87.4	17.02	94.2	19.66	100.2	22.26	105.0	24.14
	16	52.4	7.40	66.2	11.08	81.0	16.08	87.4	18.54	94.2	21.28	100.2	23.60	105.0	25.70
	18	52.4	8.14	66.2	12.12	81.0	17.54	87.4	19.94	94.2	22.62	100.2	25.30	105.0	27.40
	20	52.4	8.92	66.2	13.30	81.0	18.84	87.4	21.34	94.2	24.18	100.2	27.04	105.0	29.54
	21	52.4	9.42	66.2	14.02	81.0	19.46	87.4	22.02	94.2	25.06	100.2	28.14	105.0	30.62
	23	52.4	10.38	66.2	15.20	81.0	20.78	87.4	23.60	94.2	26.96	100.2	30.40	105.0	33.22
	25	52.4	11.60	66.2	16.28	81.0	22.40	87.4	25.40	94.2	29.16	100.2	33.02	103.2	35.04
	27	52.4	12.42	66.2	17.44	81.0	24.04	87.4	27.52	94.2	31.72	100.2	36.10	100.4	36.28
	29	52.4	13.38	66.2	18.68	81.0	25.92	87.4	29.82	94.2	34.70	97.0	37.02	97.0	37.02
	31	52.4	14.30	66.2	20.10	81.0	28.12	87.4	32.50	88.6	33.48	88.6	33.48	88.6	33.48
	33	52.4	15.38	66.2	21.62	80.2	30.10	80.2	30.10	80.2	30.10	80.2	30.10	80.2	30.10
	35	52.4	16.50	66.2	23.38	72.2	27.16	72.2	27.16	72.2	27.16	72.2	27.16	72.2	27.16
	37	52.4	17.80	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36
	39	52.4	19.20	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68
	41	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14
	43	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96
	46	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94
120	10	48.4	5.68	61.2	7.66	74.8	10.94	80.6	12.62	87.0	14.54	92.6	16.32	97.0	17.90
	12	48.4	5.80	61.2	8.14	74.8	11.80	80.6	13.56	87.0	15.58	92.6	17.58	97.0	19.16
	14	48.4	5.92	61.2	8.84	74.8	12.76	80.6	14.64	87.0	16.88	92.6	19.04	97.0	20.84
	16	48.4	6.50	61.2	9.66	74.8	13.84	80.6	15.94	87.0	18.40	92.6	20.60	97.0	22.30
	18	48.4	7.12	61.2	10.58	74.8	15.10	80.6	17.38	87.0	19.80	92.6	22.02	97.0	23.80
	20	48.4	7.88	61.2	11.62	74.8	16.54	80.6	18.72	87.0	21.08	92.6	23.54	97.0	25.42
	21	48.4	8.26	61.2	12.16	74.8	17.10	80.6	19.32	87.0	21.88	92.6	24.28	97.0	26.36
	23	48.4	9.12	61.2	13.44	74.8	18.28	80.6	20.62	87.0	23.42	92.6	26.12	97.0	28.46
	25	48.4	10.20	61.2	14.44	74.8	19.64	80.6	22.12	87.0	25.24	92.6	28.26	97.0	30.78
	27	48.4	11.20	61.2	15.50	74.8	21.10	80.6	23.86	87.0	27.20	92.6	30.60	97.0	33.50
	29	48.4	12.00	61.2	16.62	74.8	22.66	80.6	25.74	87.0	29.62	92.6	33.48	97.0	36.82
	31	48.4	12.86	61.2	17.82	74.8	24.46	80.6	27.94	87.0	32.28	88.6	33.48	88.6	33.48
	33	48.4	13.84	61.2	19.18	74.8	26.56	80.2	30.10	80.2	30.10	80.2	30.10	80.2	30.10
	35	48.4	14.80	61.2	20.66	72.2	27.16	72.2	27.16	72.2	27.16	72.2	27.16	72.2	27.16
	37	48.4	15.90	61.2	22.36	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36
	39	48.4	17.16	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68
	41	48.4	18.40	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14
	43	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96
	46	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94
110	10	44.4	5.12	56.0	6.86	68.6	9.26	74.0	10.72	79.8	12.28	84.8	13.92	88.8	15.16
	12	44.4	5.22	56.0	6.98	68.6	10.06	74.0	11.48	79.8	13.22	84.8	14.92	88.8	16.24
	14	44.4	5.34	56.0	7.58	68.6	10.84	74.0	12.42	79.8	14.36	84.8	16.08	88.8	17.58
	16	44.4	5.68	56.0	8.32	68.6	11.78	74.0	13.58	79.8	15.56	84.8	17.52	88.8	19.16
	18	44.4	6.24	56.0	9.06	68.6	12.96	74.0	14.80	79.8	17.06	84.8	19.00	88.8	20.48
	20	44.4	6.84	56.0	10.00	68.6	14.22	74.0	16.28	79.8	18.32	84.8	20.24	88.8	21.92
	21	44.4	7.18	56.0	10.46	68.6	14.98	74.0	16.82	79.8	18.94	84.8	21.00	88.8	22.62
	23	44.4	7.94	56.0	11.62	68.6	15.96	74.0	18.00	79.8	20.32	84.8	22.50	88.8	24.34
	25	44.4	8.90	56.0	12.70	68.6	17.08	74.0	19.24	79.8	21.80	84.8	24.12	88.8	26.22
	27	44.4	9.96	56.0	13.68	68.6	18.38	74.0	20.66	79.8	23.40	84.8	26.00	88.8	28.38
	29	44.4	10.70	56.0	14.62	68.6	19.68	74.0	22.20	79.8	25.24	84.8	28.18	88.8	30.76
	31	44.4	11.50	56.0	15.68	68.6	21.28	74.0	23.98	79.8	27.38	84.8	30.72	88.6	33.48
	33	44.4	12.32	56.0	16.84	68.6	22.88	74.0	26.04	79.8	29.72	80.2	30.10	80.2	30.10
	35	44.4	13.18	56.0	18.16	68.6	24.86	72.2	27.16	72.2	27.16	72.2	27.16	72.2	27.16
	37	44.4	14.20	56.0	19.56	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36
	39	44.4	15.26	56.0	21.06	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68
	41	44.4	16.38	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14
	43	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96
	46	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94

7. Capacity Tables

Cooling Capacity (24HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	40.4	4.64	51.0	6.04	62.4	7.88	67.2	8.94	72.4	10.30	77.2	11.60	80.8	12.62
	12	40.4	4.74	51.0	6.16	62.4	8.44	67.2	9.64	72.4	11.14	77.2	12.50	80.8	13.58
	14	40.4	4.80	51.0	6.44	62.4	9.14	67.2	10.48	72.4	12.06	77.2	13.50	80.8	14.64
	16	40.4	4.90	51.0	7.10	62.4	9.98	67.2	11.42	72.4	13.08	77.2	14.62	80.8	15.96
	18	40.4	5.42	51.0	7.76	62.4	10.92	67.2	12.46	72.4	14.26	77.2	16.04	80.8	17.50
	20	40.4	5.90	51.0	8.50	62.4	12.00	67.2	13.68	72.4	15.76	77.2	17.40	80.8	18.72
	21	40.4	6.20	51.0	8.98	62.4	12.56	67.2	14.42	72.4	16.32	77.2	18.00	80.8	19.34
	23	40.4	6.86	51.0	9.90	62.4	13.88	67.2	15.56	72.4	17.46	77.2	19.22	80.8	20.74
	25	40.4	7.70	51.0	11.08	62.4	14.82	67.2	16.56	72.4	18.66	77.2	20.64	80.8	22.26
	27	40.4	8.62	51.0	11.96	62.4	15.90	67.2	17.84	72.4	20.06	77.2	22.16	80.8	23.88
	29	40.4	9.48	51.0	12.82	62.4	17.04	67.2	19.10	72.4	21.56	77.2	23.90	80.8	25.88
	31	40.4	10.20	51.0	13.80	62.4	18.36	67.2	20.54	72.4	23.18	77.2	25.82	80.8	28.08
	33	40.4	10.96	51.0	14.74	62.4	19.76	67.2	22.22	72.4	25.16	77.2	28.02	80.2	30.10
	35	40.4	11.76	51.0	15.84	62.4	21.28	67.2	24.00	72.2	27.16	72.2	27.16	72.2	27.16
	37	40.4	12.60	51.0	17.10	62.4	23.02	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36
	39	40.4	13.58	51.0	18.34	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68
	41	40.4	14.50	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14
	43	40.4	15.60	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96
	46	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94
90	10	36.4	4.16	45.8	5.34	56.0	6.86	60.4	7.60	65.2	8.46	69.4	9.46	72.6	10.38
	12	36.4	4.24	45.8	5.46	56.0	6.98	60.4	7.96	65.2	9.14	69.4	10.26	72.6	11.14
	14	36.4	4.30	45.8	5.56	56.0	7.58	60.4	8.72	65.2	9.94	69.4	11.14	72.6	12.06
	16	36.4	4.40	45.8	6.00	56.0	8.32	60.4	9.46	65.2	10.84	69.4	12.12	72.6	13.10
	18	36.4	4.64	45.8	6.58	56.0	9.08	60.4	10.36	65.2	11.84	69.4	13.22	72.6	14.38
	20	36.4	5.10	45.8	7.22	56.0	10.00	60.4	11.38	65.2	13.00	69.4	14.50	72.6	15.78
	21	36.4	5.36	45.8	7.56	56.0	10.48	60.4	11.92	65.2	13.62	69.4	15.22	72.6	16.34
	23	36.4	5.94	45.8	8.36	56.0	11.62	60.4	13.30	65.2	14.84	69.4	16.32	72.6	17.48
	25	36.4	6.60	45.8	9.36	56.0	12.80	60.4	14.20	65.2	15.90	69.4	17.46	72.6	18.80
	27	36.4	7.40	45.8	10.38	56.0	13.68	60.4	15.26	65.2	17.04	69.4	18.68	72.6	20.10
	29	36.4	8.36	45.8	11.14	56.0	14.70	60.4	16.36	65.2	18.26	69.4	20.10	72.6	21.60
	31	36.4	8.98	45.8	11.96	56.0	15.70	60.4	17.54	65.2	19.64	69.4	21.60	72.6	23.32
	33	36.4	9.68	45.8	12.90	56.0	16.94	60.4	18.90	65.2	21.14	69.4	23.36	72.6	25.20
	35	36.4	10.32	45.8	13.78	56.0	18.16	60.4	20.34	65.2	22.86	69.4	25.38	72.2	27.16
	37	36.4	11.10	45.8	14.82	56.0	19.56	60.4	21.90	64.4	24.36	64.4	24.36	64.4	24.36
	39	36.4	11.90	45.8	15.92	56.0	21.08	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68
	41	36.4	12.84	45.8	17.10	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14
	43	36.4	13.74	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96
	46	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94
80	10	32.2	3.74	40.8	4.70	49.8	5.92	53.8	6.48	58.0	7.18	61.6	7.82	64.6	8.32
	12	32.2	3.78	40.8	4.80	49.8	6.04	53.8	6.60	58.0	7.40	61.6	8.26	64.6	9.02
	14	32.2	3.88	40.8	4.84	49.8	6.26	53.8	7.12	58.0	8.04	61.6	9.02	64.6	9.74
	16	32.2	3.92	40.8	5.00	49.8	6.84	53.8	7.76	58.0	8.82	61.6	9.78	64.6	10.64
	18	32.2	3.98	40.8	5.50	49.8	7.48	53.8	8.46	58.0	9.60	61.6	10.70	64.6	11.62
	20	32.2	4.38	40.8	6.06	49.8	8.20	53.8	9.32	58.0	10.56	61.6	11.76	64.6	12.76
	21	32.2	4.56	40.8	6.28	49.8	8.68	53.8	9.78	58.0	11.14	61.6	12.40	64.6	13.46
	23	32.2	5.04	40.8	7.02	49.8	9.56	53.8	10.86	58.0	12.36	61.6	13.66	64.6	14.60
	25	32.2	5.60	40.8	7.80	49.8	10.70	53.8	12.02	58.0	13.38	61.6	14.66	64.6	15.66
	27	32.2	6.22	40.8	8.74	49.8	11.64	53.8	12.88	58.0	14.30	61.6	15.64	64.6	16.78
	29	32.2	7.04	40.8	9.66	49.8	12.46	53.8	13.86	58.0	15.36	61.6	16.78	64.6	17.98
	31	32.2	7.84	40.8	10.32	49.8	13.34	53.8	14.80	58.0	16.48	61.6	18.08	64.6	19.36
	33	32.2	8.48	40.8	11.08	49.8	14.36	53.8	15.90	58.0	17.76	61.6	19.48	64.6	20.84
	35	32.2	9.06	40.8	11.88	49.8	15.42	53.8	17.16	58.0	19.02	61.6	20.96	64.6	22.54
	37	32.2	9.76	40.8	12.72	49.8	16.56	53.8	18.40	58.0	20.62	61.6	22.68	64.4	24.36
	39	32.2	10.42	40.8	13.72	49.8	17.88	53.8	19.82	57.0	21.68	57.0	21.68	57.0	21.68
	41	32.2	11.20	40.8	14.76	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14
	43	32.2	12.00	40.8	15.86	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96
	46	32.2	13.46	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94

7. Capacity Tables

Cooling Capacity (24HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	28.2	3.36	35.6	4.10	43.6	5.06	47.0	5.50	50.8	6.04	54.0	6.54	56.6	6.92
	12	28.2	3.40	35.6	4.16	43.6	5.12	47.0	5.62	50.8	6.16	54.0	6.66	56.6	7.06
	14	28.2	3.44	35.6	4.24	43.6	5.22	47.0	5.74	50.8	6.42	54.0	7.12	56.6	7.76
	16	28.2	3.48	35.6	4.30	43.6	5.52	47.0	6.24	50.8	7.02	54.0	7.76	56.6	8.44
	18	28.2	3.52	35.6	4.56	43.6	6.08	47.0	6.84	50.8	7.68	54.0	8.54	56.6	9.18
	20	28.2	3.76	35.6	4.96	43.6	6.68	47.0	7.50	50.8	8.48	54.0	9.34	56.6	10.12
	21	28.2	3.88	35.6	5.22	43.6	7.00	47.0	7.86	50.8	8.90	54.0	9.88	56.6	10.68
	23	28.2	4.24	35.6	5.76	43.6	7.74	47.0	8.76	50.8	9.88	54.0	10.96	56.6	11.84
	25	28.2	4.72	35.6	6.42	43.6	8.68	47.0	9.72	50.8	10.98	54.0	12.12	56.6	12.92
	27	28.2	5.22	35.6	7.20	43.6	9.70	47.0	10.78	50.8	11.86	54.0	12.98	56.6	13.80
	29	28.2	5.90	35.6	8.14	43.6	10.50	47.0	11.56	50.8	12.80	54.0	13.88	56.6	14.84
	31	28.2	6.76	35.6	8.80	43.6	11.26	47.0	12.40	50.8	13.70	54.0	14.92	56.6	15.94
	33	28.2	7.34	35.6	9.48	43.6	12.08	47.0	13.26	50.8	14.72	54.0	16.02	56.6	17.08
	35	28.2	7.88	35.6	10.12	43.6	12.94	47.0	14.28	50.8	15.82	54.0	17.18	56.6	18.42
	37	28.2	8.44	35.6	10.88	43.6	13.94	47.0	15.34	50.8	16.96	54.0	18.52	56.6	19.86
	39	28.2	9.02	35.6	11.66	43.6	14.98	47.0	16.48	50.8	18.30	54.0	19.96	56.6	21.38
	41	28.2	9.74	35.6	12.60	43.6	16.10	47.0	17.78	49.8	19.14	49.8	19.14	49.8	19.14
	43	28.2	10.48	35.6	13.48	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96
	46	28.2	11.62	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94
60	10	24.2	3.02	30.6	3.56	37.4	4.30	40.4	4.64	43.4	5.00	46.2	5.40	48.4	5.68
	12	24.2	3.06	30.6	3.62	37.4	4.34	40.4	4.70	43.4	5.12	46.2	5.50	48.4	5.80
	14	24.2	3.08	30.6	3.70	37.4	4.44	40.4	4.80	43.4	5.22	46.2	5.62	48.4	5.92
	16	24.2	3.12	30.6	3.74	37.4	4.54	40.4	4.90	43.4	5.52	46.2	6.08	48.4	6.50
	18	24.2	3.16	30.6	3.78	37.4	4.84	40.4	5.42	43.4	6.06	46.2	6.66	48.4	7.12
	20	24.2	3.20	30.6	4.08	37.4	5.34	40.4	5.90	43.4	6.66	46.2	7.32	48.4	7.88
	21	24.2	3.32	30.6	4.28	37.4	5.60	40.4	6.20	43.4	6.98	46.2	7.66	48.4	8.26
	23	24.2	3.58	30.6	4.72	37.4	6.20	40.4	6.86	43.4	7.72	46.2	8.46	48.4	9.12
	25	24.2	3.92	30.6	5.20	37.4	6.90	40.4	7.70	43.4	8.58	46.2	9.48	48.4	10.20
	27	24.2	4.32	30.6	5.82	37.4	7.72	40.4	8.62	43.4	9.70	46.2	10.56	48.4	11.20
	29	24.2	4.90	30.6	6.60	37.4	8.68	40.4	9.48	43.4	10.40	46.2	11.34	48.4	12.02
	31	24.2	5.54	30.6	7.40	37.4	9.28	40.4	10.20	43.4	11.18	46.2	12.16	48.4	12.86
	33	24.2	6.30	30.6	8.00	37.4	10.00	40.4	10.96	43.4	11.98	46.2	13.02	48.4	13.86
	35	24.2	6.76	30.6	8.56	37.4	10.74	40.4	11.76	43.4	12.92	46.2	14.02	48.4	14.80
	37	24.2	7.20	30.6	9.16	37.4	11.54	40.4	12.60	43.4	13.82	46.2	14.96	48.4	15.90
	39	24.2	7.72	30.6	9.86	37.4	12.36	40.4	13.58	43.4	14.86	46.2	16.08	48.4	17.16
	41	24.2	8.36	30.6	10.60	37.4	13.24	40.4	14.50	43.4	15.98	46.2	17.36	48.4	18.52
	43	24.2	8.94	30.6	11.40	37.4	14.26	40.4	15.60	43.0	16.96	43.0	16.96	43.0	16.96
	46	24.2	9.98	30.6	12.60	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	24.2	10.74	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94
50	10	20.2	2.70	25.4	3.12	31.2	3.66	33.6	3.88	36.2	4.16	38.6	4.44	40.4	4.64
	12	20.2	2.70	25.4	3.16	31.2	3.70	33.6	3.96	36.2	4.24	38.6	4.50	40.4	4.74
	14	20.2	2.72	25.4	3.20	31.2	3.74	33.6	4.02	36.2	4.30	38.6	4.60	40.4	4.80
	16	20.2	2.76	25.4	3.24	31.2	3.78	33.6	4.06	36.2	4.40	38.6	4.64	40.4	4.94
	18	20.2	2.80	25.4	3.28	31.2	3.88	33.6	4.22	36.2	4.64	38.6	5.06	40.4	5.42
	20	20.2	2.84	25.4	3.36	31.2	4.20	33.6	4.60	36.2	5.10	38.6	5.56	40.4	5.96
	21	20.2	2.84	25.4	3.48	31.2	4.40	33.6	4.84	36.2	5.36	38.6	5.84	40.4	6.20
	23	20.2	3.04	25.4	3.78	31.2	4.80	33.6	5.34	36.2	5.86	38.6	6.46	40.4	6.92
	25	20.2	3.28	25.4	4.18	31.2	5.36	33.6	5.88	36.2	6.52	38.6	7.20	40.4	7.70
	27	20.2	3.60	25.4	4.62	31.2	5.94	33.6	6.60	36.2	7.32	38.6	8.06	40.4	8.62
	29	20.2	4.00	25.4	5.18	31.2	6.72	33.6	7.46	36.2	8.36	38.6	8.98	40.4	9.48
	31	20.2	4.52	25.4	5.92	31.2	7.56	33.6	8.22	36.2	8.98	38.6	9.68	40.4	10.20
	33	20.2	5.18	25.4	6.64	31.2	8.10	33.6	8.86	36.2	9.60	38.6	10.32	40.4	10.96
	35	20.2	5.74	25.4	7.06	31.2	8.76	33.6	9.48	36.2	10.32	38.6	11.10	40.4	11.76
	37	20.2	6.10	25.4	7.56	31.2	9.36	33.6	10.20	36.2	11.10	38.6	11.90	40.4	12.60
	39	20.2	6.58	25.4	8.20	31.2	10.08	33.6	10.96	36.2	11.90	38.6	12.84	40.4	13.58
	41	20.2	7.08	25.4	8.78	31.2	10.84	33.6	11.76	36.2	12.74	38.6	13.74	40.4	14.62
	43	20.2	7.60	25.4	9.38	31.2	11.64	33.6	12.60	36.2	13.74	38.6	14.78	40.4	15.70
	46	20.2	8.46	25.4	10.44	31.2	12.94	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	20.2	9.06	25.4	11.24	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM261LTE5

Cooling Capacity (26HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	56.8	6.75	71.7	9.46	87.8	13.58	94.7	15.70	102.0	18.18	108.6	20.53	113.7	22.37
	12	56.8	6.92	71.7	9.98	87.8	14.51	94.7	16.71	102.0	19.28	108.6	21.75	113.2	23.55
	14	56.8	7.18	71.7	10.68	87.8	15.56	94.7	17.91	102.0	20.70	108.6	23.37	112.5	24.84
	16	56.8	7.69	71.7	11.59	87.8	16.80	94.7	19.36	102.0	22.29	108.6	24.90	111.7	26.20
	18	56.8	8.43	71.7	12.64	87.8	18.25	94.7	20.87	102.0	23.88	108.3	26.69	110.8	27.74
	20	56.8	9.27	71.7	13.82	87.8	19.75	94.7	22.58	102.0	25.61	107.4	27.98	109.8	29.23
	21	56.8	9.75	71.7	14.54	87.8	20.53	94.7	23.33	102.0	26.46	106.9	28.74	109.3	29.98
	23	56.8	10.78	71.7	15.93	87.8	22.01	94.7	24.86	102.0	28.29	105.8	30.33	108.2	31.73
	25	56.8	12.03	71.7	17.31	87.8	23.55	94.7	26.63	101.8	30.21	104.7	32.13	106.1	33.13
	27	56.8	13.20	71.7	18.47	87.8	25.21	94.7	28.63	100.6	32.01	103.4	34.19	103.4	34.26
	29	56.8	14.27	71.7	19.70	87.8	27.07	94.7	30.94	99.3	34.06	100.5	35.20	100.4	35.18
	31	56.8	15.19	71.7	21.11	87.8	29.23	94.7	33.56	95.2	34.04	95.0	34.01	94.8	33.98
	33	56.8	16.27	71.7	22.68	87.4	31.45	89.8	33.00	89.6	32.96	89.3	32.92	89.3	32.92
	35	56.8	17.39	71.7	24.43	83.4	31.41	84.4	32.17	84.3	32.16	84.3	32.16	84.3	32.16
	37	56.8	18.69	70.8	25.86	79.0	31.29	79.0	31.29	79.0	31.29	79.0	31.29	79.0	31.29
	39	56.8	20.09	67.1	25.68	70.0	27.58	70.0	27.58	70.0	27.58	70.0	27.58	70.0	27.58
	41	55.5	20.86	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15
	43	52.1	20.63	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03
	46	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87
	48	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34
120	10	52.4	6.09	66.3	8.36	81.0	11.76	87.3	13.47	94.2	15.58	100.3	17.54	105.0	19.18
	12	52.4	6.21	66.3	8.72	81.0	12.47	87.3	14.39	94.2	16.57	100.3	18.67	105.0	20.34
	14	52.4	6.37	66.3	9.25	81.0	13.42	87.3	15.43	94.2	17.77	100.3	20.05	105.0	21.87
	16	52.4	6.73	66.3	10.08	81.0	14.48	87.3	16.66	94.2	19.22	100.3	21.53	105.0	23.41
	18	52.4	7.36	66.3	10.97	81.0	15.72	87.3	18.10	94.2	20.72	100.3	23.18	105.0	25.18
	20	52.4	8.12	66.3	12.03	81.0	17.19	87.3	19.61	94.2	22.31	100.3	24.93	105.0	26.87
	21	52.4	8.55	66.3	12.63	81.0	17.89	87.3	20.38	94.2	23.19	100.3	25.65	105.0	27.77
	23	52.4	9.45	66.3	13.94	81.0	19.41	87.3	21.86	94.2	24.70	100.3	27.43	104.3	29.36
	25	52.4	10.57	66.3	15.27	81.0	20.75	87.3	23.33	94.2	26.47	100.3	29.44	103.1	31.01
	27	52.4	11.75	66.3	16.47	81.0	22.19	87.3	24.98	94.2	28.38	99.8	31.46	101.9	32.90
	29	52.4	12.83	66.3	17.59	81.0	23.73	87.3	26.89	94.2	30.68	98.5	33.45	100.6	35.11
	31	52.4	13.73	66.3	18.78	81.0	25.51	87.3	28.98	94.2	33.28	95.2	34.04	95.1	34.02
	33	52.4	14.67	66.3	20.14	81.0	27.59	87.1	31.29	89.8	33.00	89.6	32.97	89.4	32.94
	35	52.4	15.68	66.3	21.61	79.7	29.00	83.1	31.23	84.4	32.18	84.3	32.16	84.3	32.16
	37	52.4	16.78	66.3	23.30	75.8	28.97	79.0	31.29	79.0	31.29	79.0	31.29	79.0	31.29
	39	52.4	18.05	64.2	23.93	70.0	27.58	70.0	27.58	70.0	27.58	70.0	27.58	70.0	27.58
	41	52.4	19.34	60.6	23.72	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15
	43	49.7	19.35	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03
	46	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87
	48	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34
110	10	48.1	5.47	60.7	7.43	74.3	10.06	80.1	11.51	86.4	13.15	91.9	14.85	96.2	16.26
	12	48.1	5.58	60.7	7.56	74.3	10.59	80.1	12.15	86.4	14.05	91.9	15.81	96.2	17.28
	14	48.1	5.70	60.7	7.98	74.3	11.39	80.1	13.08	86.4	15.11	91.9	16.97	96.2	18.51
	16	48.1	5.93	60.7	8.62	74.3	12.34	80.1	14.18	86.4	16.28	91.9	18.31	96.2	20.01
	18	48.1	6.41	60.7	9.42	74.3	13.47	80.1	15.43	86.4	17.74	91.9	19.82	96.2	21.50
	20	48.1	7.05	60.7	10.38	74.3	14.77	80.1	16.86	86.4	19.19	91.9	21.35	96.2	23.21
	21	48.1	7.44	60.7	10.86	74.3	15.48	80.1	17.54	86.4	19.97	91.9	22.28	96.2	23.97
	23	48.1	8.24	60.7	12.04	74.3	16.80	80.1	19.12	86.4	21.51	91.9	23.75	96.2	25.59
	25	48.1	9.21	60.7	13.28	74.3	18.15	80.1	20.36	86.4	22.96	91.9	25.33	96.2	27.41
	27	48.1	10.35	60.7	14.58	74.3	19.44	80.1	21.77	86.4	24.53	91.9	27.17	96.2	29.52
	29	48.1	11.45	60.7	15.57	74.3	20.72	80.1	23.29	86.4	26.35	91.9	29.30	96.2	31.84
	31	48.1	12.30	60.7	16.64	74.3	22.31	80.1	25.05	86.4	28.45	91.9	31.79	95.3	34.06
	33	48.1	13.13	60.7	17.80	74.3	23.90	80.1	27.08	86.4	30.75	89.6	32.82	89.8	32.99
	35	48.1	14.05	60.7	19.12	74.3	25.86	79.2	28.74	82.6	30.86	84.5	32.19	84.3	32.16
	37	48.1	15.02	60.7	20.52	72.2	26.67	75.3	28.61	78.7	31.08	79.0	31.29	79.0	31.29
	39	48.1	16.08	60.7	22.02	68.5	26.56	70.0	27.58	70.0	27.58	70.0	27.58	70.0	27.58
	41	48.1	17.26	57.6	21.93	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15
	43	47.4	18.21	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03
	46	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87
	48	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34

7. Capacity Tables

Cooling Capacity (26HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	43.7	4.91	55.2	6.50	67.6	8.63	72.8	9.73	78.5	11.11	83.6	12.42	87.5	13.47
	12	43.7	5.02	55.2	6.66	67.6	9.03	72.8	10.21	78.5	11.75	83.6	13.22	87.5	14.41
	14	43.7	5.10	55.2	6.87	67.6	9.55	72.8	10.99	78.5	12.66	83.6	14.20	87.5	15.44
	16	43.7	5.21	55.2	7.32	67.6	10.40	72.8	11.93	78.5	13.68	83.6	15.30	87.5	16.73
	18	43.7	5.53	55.2	8.04	67.6	11.36	72.8	12.98	78.5	14.85	83.6	16.69	87.5	18.17
	20	43.7	6.07	55.2	8.81	67.6	12.45	72.8	14.20	78.5	16.32	83.6	18.16	87.5	19.62
	21	43.7	6.39	55.2	9.27	67.6	13.06	72.8	14.93	78.5	17.00	83.6	18.90	87.5	20.40
	23	43.7	7.13	55.2	10.27	67.6	14.41	72.8	16.31	78.5	18.48	83.6	20.38	87.5	21.92
	25	43.7	7.98	55.2	11.48	67.6	15.74	72.8	17.64	78.5	19.75	83.6	21.78	87.5	23.41
	27	43.7	8.96	55.2	12.65	67.6	16.90	72.8	18.86	78.5	21.13	83.6	23.27	87.5	25.06
	29	43.7	10.04	55.2	13.71	67.6	18.04	72.8	20.16	78.5	22.61	83.6	25.00	87.5	26.97
	31	43.7	10.99	55.2	14.65	67.6	19.31	72.8	21.60	78.5	24.27	83.6	26.88	87.5	29.13
	33	43.7	11.71	55.2	15.65	67.6	20.71	72.8	23.20	78.5	26.17	83.6	29.05	87.2	31.36
	35	43.7	12.56	55.2	16.75	67.6	22.27	72.8	24.98	78.4	28.23	81.1	29.87	83.2	31.24
	37	43.7	13.40	55.2	18.01	67.6	24.01	71.4	26.19	74.5	28.06	77.2	29.91	79.0	31.29
	39	43.7	14.39	55.2	19.25	64.9	24.27	67.7	26.03	70.0	27.58	70.0	27.58	70.0	27.58
	41	43.7	15.31	54.6	20.42	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15
	43	43.7	16.46	51.2	20.10	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03
	46	40.0	16.46	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87
	48	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34
90	10	39.4	4.37	49.6	5.70	60.7	7.43	65.5	8.25	70.6	9.24	75.2	10.29	78.7	11.15
	12	39.4	4.47	49.6	5.82	60.7	7.56	65.5	8.55	70.6	9.70	75.2	10.82	78.7	11.80
	14	39.4	4.52	49.6	5.93	60.7	7.98	65.5	9.09	70.6	10.41	75.2	11.70	78.7	12.67
	16	39.4	4.63	49.6	6.22	60.7	8.62	65.5	9.88	70.6	11.31	75.2	12.67	78.7	13.75
	18	39.4	4.80	49.6	6.78	60.7	9.44	65.5	10.76	70.6	12.32	75.2	13.77	78.7	14.97
	20	39.4	5.24	49.6	7.46	60.7	10.38	65.5	11.80	70.6	13.49	75.2	15.05	78.7	16.39
	21	39.4	5.52	49.6	7.82	60.7	10.87	65.5	12.39	70.6	14.15	75.2	15.79	78.7	17.03
	23	39.4	6.11	49.6	8.66	60.7	12.04	65.5	13.74	70.6	15.49	75.2	17.19	78.7	18.51
	25	39.4	6.82	49.6	9.70	60.7	13.38	65.5	15.01	70.6	16.89	75.2	18.52	78.7	19.88
	27	39.4	7.71	49.6	10.85	60.7	14.59	65.5	16.23	70.6	18.03	75.2	19.78	78.7	21.21
	29	39.4	8.73	49.6	11.98	60.7	15.61	65.5	17.33	70.6	19.28	75.2	21.13	78.7	22.70
	31	39.4	9.69	49.6	12.80	60.7	16.65	65.5	18.51	70.6	20.67	75.2	22.68	78.7	24.41
	33	39.4	10.41	49.6	13.70	60.7	17.85	65.5	19.86	70.6	22.16	75.2	24.43	78.7	26.27
	35	39.4	11.10	49.6	14.63	60.7	19.12	65.5	21.30	70.6	23.87	75.2	26.37	78.5	28.31
	37	39.4	11.88	49.6	15.68	60.7	20.52	65.5	22.92	70.2	25.54	72.7	26.94	74.6	28.15
	39	39.4	12.69	49.6	16.78	60.7	22.04	63.8	23.70	66.5	25.27	69.0	26.85	70.0	27.58
	41	39.4	13.59	49.6	18.01	57.6	21.94	60.2	23.47	61.2	24.15	61.2	24.15	61.2	24.15
	43	39.4	14.54	48.2	18.57	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03
	46	37.7	15.38	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87
	48	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34
80	10	34.9	3.92	44.2	4.97	54.0	6.34	58.3	6.99	62.8	7.78	66.8	8.52	70.0	9.09
	12	34.9	3.96	44.2	5.07	54.0	6.47	58.3	7.16	62.8	8.00	66.8	8.86	70.0	9.56
	14	34.9	4.03	44.2	5.15	54.0	6.68	58.3	7.49	62.8	8.39	66.8	9.43	70.0	10.20
	16	34.9	4.10	44.2	5.29	54.0	7.06	58.3	8.05	62.8	9.16	66.8	10.20	70.0	11.10
	18	34.9	4.16	44.2	5.64	54.0	7.73	58.3	8.78	62.8	10.00	66.8	11.14	70.0	12.10
	20	34.9	4.47	44.2	6.23	54.0	8.51	58.3	9.67	62.8	10.99	66.8	12.22	70.0	13.25
	21	34.9	4.68	44.2	6.51	54.0	8.97	58.3	10.14	62.8	11.54	66.8	12.86	70.0	13.94
	23	34.9	5.18	44.2	7.26	54.0	9.93	58.3	11.25	62.8	12.77	66.8	14.17	70.0	15.24
	25	34.9	5.79	44.2	8.09	54.0	11.10	58.3	12.49	62.8	14.06	66.8	15.52	70.0	16.66
	27	34.9	6.50	44.2	9.12	54.0	12.28	58.3	13.70	62.8	15.24	66.8	16.65	70.0	17.77
	29	34.9	7.39	44.2	10.20	54.0	13.32	58.3	14.74	62.8	16.30	66.8	17.79	70.0	19.02
	31	34.9	8.36	44.2	11.10	54.0	14.20	58.3	15.73	62.8	17.42	66.8	19.04	70.0	20.39
	33	34.9	9.15	44.2	11.87	54.0	15.22	58.3	16.83	62.8	18.70	66.8	20.43	70.0	21.86
	35	34.9	9.78	44.2	12.68	54.0	16.29	58.3	18.04	62.8	20.02	66.8	21.96	70.0	23.55
	37	34.9	10.44	44.2	13.52	54.0	17.48	58.3	19.33	62.8	21.55	66.8	23.62	69.9	25.37
	39	34.9	11.15	44.2	14.52	54.0	18.75	58.3	20.75	62.3	22.93	64.5	24.10	66.2	25.09
	41	34.9	11.93	44.2	15.56	54.0	20.07	56.3	21.24	58.7	22.57	60.9	23.90	61.2	24.15
	43	34.9	12.73	44.2	16.66	50.6	19.79	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03
	46	34.9	14.19	40.3	16.60	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87
	48	32.3	13.94	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34

7. Capacity Tables

Cooling Capacity (26HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	30.6	3.47	38.6	4.32	47.2	5.38	50.9	5.90	55.0	6.50	58.5	7.06	61.3	7.50
	12	30.6	3.52	38.6	4.37	47.2	5.47	50.9	6.03	55.0	6.63	58.5	7.19	61.3	7.68
	14	30.6	3.58	38.6	4.47	47.2	5.58	50.9	6.15	55.0	6.82	58.5	7.53	61.3	8.10
	16	30.6	3.62	38.6	4.52	47.2	5.79	50.9	6.47	55.0	7.28	58.5	8.06	61.3	8.77
	18	30.6	3.67	38.6	4.71	47.2	6.25	50.9	7.05	55.0	7.96	58.5	8.86	61.3	9.54
	20	30.6	3.81	38.6	5.10	47.2	6.88	50.9	7.74	55.0	8.76	58.5	9.69	61.3	10.50
	21	30.6	3.96	38.6	5.37	47.2	7.22	50.9	8.16	55.0	9.22	58.5	10.24	61.3	11.08
	23	30.6	4.35	38.6	5.93	47.2	8.04	50.9	9.06	55.0	10.25	58.5	11.35	61.3	12.26
	25	30.6	4.87	38.6	6.64	47.2	8.99	50.9	10.10	55.0	11.37	58.5	12.60	61.3	13.51
	27	30.6	5.46	38.6	7.51	47.2	10.10	50.9	11.29	55.0	12.58	58.5	13.82	61.3	14.75
	29	30.6	6.19	38.6	8.51	47.2	11.21	50.9	12.39	55.0	13.65	58.5	14.80	61.3	15.74
	31	30.6	7.12	38.6	9.48	47.2	12.07	50.9	13.23	55.0	14.55	58.5	15.84	61.3	16.84
	33	30.6	8.00	38.6	10.21	47.2	12.90	50.9	14.10	55.0	15.58	58.5	16.95	61.3	18.04
	35	30.6	8.54	38.6	10.86	47.2	13.76	50.9	15.12	55.0	16.68	58.5	18.11	61.3	19.32
	37	30.6	9.10	38.6	11.62	47.2	14.76	50.9	16.19	55.0	17.88	58.5	19.45	61.3	20.75
	39	30.6	9.73	38.6	12.41	47.2	15.81	50.9	17.38	55.0	19.16	58.5	20.89	61.3	22.33
	41	30.6	10.40	38.6	13.35	47.2	16.93	50.9	18.63	54.5	20.35	56.4	21.31	57.9	22.09
	43	30.6	11.14	38.6	14.23	46.9	18.00	48.9	18.92	51.1	20.02	52.9	21.03	52.9	21.03
	46	30.6	12.33	37.3	15.19	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87
	48	30.0	12.91	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34
60	10	26.2	3.10	33.1	3.71	40.5	4.52	43.7	4.91	47.1	5.35	50.1	5.76	52.5	6.09
	12	26.2	3.14	33.1	3.78	40.5	4.60	43.7	5.00	47.1	5.47	50.1	5.87	52.5	6.25
	14	26.2	3.17	33.1	3.85	40.5	4.70	43.7	5.10	47.1	5.58	50.1	6.00	52.5	6.37
	16	26.2	3.21	33.1	3.89	40.5	4.78	43.7	5.21	47.1	5.79	50.1	6.32	52.5	6.73
	18	26.2	3.25	33.1	3.96	40.5	4.98	43.7	5.53	47.1	6.23	50.1	6.87	52.5	7.36
	20	26.2	3.29	33.1	4.16	40.5	5.47	43.7	6.07	47.1	6.87	50.1	7.56	52.5	8.16
	21	26.2	3.37	33.1	4.37	40.5	5.76	43.7	6.39	47.1	7.21	50.1	7.92	52.5	8.56
	23	26.2	3.66	33.1	4.83	40.5	6.40	43.7	7.13	47.1	7.99	50.1	8.80	52.5	9.45
	25	26.2	4.04	33.1	5.38	40.5	7.15	43.7	7.98	47.1	8.93	50.1	9.82	52.5	10.57
	27	26.2	4.50	33.1	6.07	40.5	8.03	43.7	8.96	47.1	10.05	50.1	11.01	52.5	11.76
	29	26.2	5.14	33.1	6.91	40.5	9.07	43.7	10.04	47.1	11.11	50.1	12.13	52.5	12.84
	31	26.2	5.86	33.1	7.85	40.5	10.04	43.7	10.99	47.1	11.99	50.1	12.95	52.5	13.73
	33	26.2	6.77	33.1	8.68	40.5	10.77	43.7	11.71	47.1	12.80	50.1	13.86	52.5	14.68
	35	26.2	7.41	33.1	9.25	40.5	11.47	43.7	12.56	47.1	13.74	50.1	14.82	52.5	15.68
	37	26.2	7.88	33.1	9.89	40.5	12.27	43.7	13.40	47.1	14.65	50.1	15.82	52.5	16.78
	39	26.2	8.41	33.1	10.55	40.5	13.14	43.7	14.39	47.1	15.69	50.1	16.99	52.5	18.05
	41	26.2	9.01	33.1	11.30	40.5	14.02	43.7	15.31	47.1	16.81	50.1	18.22	52.5	19.41
	43	26.2	9.59	33.1	12.09	40.5	15.04	43.7	16.46	46.9	17.94	48.5	18.70	49.8	19.35
	46	26.2	10.63	33.1	13.34	38.3	15.65	40.0	16.46	40.8	16.87	40.8	16.87	40.8	16.87
	48	26.2	11.39	31.3	13.51	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34
50	10	21.9	2.73	27.6	3.21	33.8	3.80	36.4	4.06	39.2	4.37	41.8	4.67	43.8	4.91
	12	21.9	2.75	27.6	3.25	33.8	3.85	36.4	4.15	39.2	4.47	41.8	4.76	43.8	5.02
	14	21.9	2.77	27.6	3.29	33.8	3.89	36.4	4.20	39.2	4.52	41.8	4.86	43.8	5.10
	16	21.9	2.81	27.6	3.33	33.8	3.96	36.4	4.27	39.2	4.63	41.8	4.94	43.8	5.23
	18	21.9	2.85	27.6	3.37	33.8	4.03	36.4	4.38	39.2	4.80	41.8	5.18	43.8	5.56
	20	21.9	2.89	27.6	3.45	33.8	4.28	36.4	4.71	39.2	5.21	41.8	5.70	43.8	6.14
	21	21.9	2.89	27.6	3.53	33.8	4.50	36.4	4.96	39.2	5.49	41.8	6.00	43.8	6.42
	23	21.9	3.07	27.6	3.86	33.8	4.94	36.4	5.48	39.2	6.06	41.8	6.66	43.8	7.16
	25	21.9	3.35	27.6	4.31	33.8	5.54	36.4	6.10	39.2	6.78	41.8	7.45	43.8	7.98
	27	21.9	3.71	27.6	4.80	33.8	6.22	36.4	6.88	39.2	7.63	41.8	8.40	43.8	8.96
	29	21.9	4.18	27.6	5.46	33.8	7.03	36.4	7.81	39.2	8.73	41.8	9.44	43.8	10.04
	31	21.9	4.77	27.6	6.25	33.8	8.04	36.4	8.78	39.2	9.69	41.8	10.43	43.8	10.99
	33	21.9	5.55	27.6	7.16	33.8	8.82	36.4	9.57	39.2	10.37	41.8	11.08	43.8	11.75
	35	21.9	6.33	27.6	7.73	33.8	9.44	36.4	10.19	39.2	11.06	41.8	11.86	43.8	12.56
	37	21.9	6.73	27.6	8.24	33.8	10.09	36.4	10.91	39.2	11.84	41.8	12.72	43.8	13.40
	39	21.9	7.17	27.6	8.84	33.8	10.77	36.4	11.68	39.2	12.69	41.8	13.61	43.8	14.39
	41	21.9	7.67	27.6	9.42	33.8	11.53	36.4	12.48	39.2	13.54	41.8	14.56	43.8	15.43
	43	21.9	8.19	27.6	10.07	33.8	12.33	36.4	13.37	39.2	14.53	41.8	15.61	43.8	16.51
	46	21.9	9.09	27.6	11.13	33.8	13.63	36.1	14.69	37.6	15.38	39.0	15.98	40.1	16.52
	48	21.9	9.69	27.6	11.92	31.7	13.63	33.1	14.27	33.3	14.34	33.3	14.34	33.3	14.34

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM280LTE5

Cooling Capacity (28HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	61.2	7.69	77.3	11.02	94.5	16.17	101.9	18.67	107.0	20.39	110.2	21.49	112.7	22.36
	12	61.2	7.87	77.3	11.78	94.5	17.22	101.9	19.83	106.3	21.35	109.5	22.53	112.0	23.54
	14	61.2	8.25	77.3	12.64	94.5	18.43	101.9	21.24	105.6	22.58	108.7	23.89	111.1	24.83
	16	61.2	8.99	77.3	13.64	94.5	19.88	101.2	22.58	104.7	23.96	107.7	25.13	110.2	26.18
	18	61.2	9.84	77.3	14.85	94.5	21.61	100.3	23.98	103.7	25.32	106.7	26.66	109.1	27.71
	20	61.2	10.78	77.3	16.24	94.5	23.18	99.3	25.08	102.7	26.50	105.7	27.93	108.0	29.17
	21	61.2	11.36	77.3	17.05	94.5	23.91	98.8	25.64	102.2	27.15	105.1	28.68	107.4	29.92
	23	61.2	12.52	77.3	18.53	94.5	25.47	97.7	26.88	101.0	28.55	103.9	30.26	106.1	31.65
	25	61.2	13.98	77.3	19.77	93.4	26.78	96.5	28.27	99.8	30.13	102.6	32.04	103.9	33.03
	27	61.2	15.03	77.3	21.15	92.2	28.12	95.3	29.84	98.4	31.92	101.2	34.08	101.1	34.14
	29	61.2	16.12	77.3	22.65	90.9	29.62	93.9	31.54	97.0	33.94	98.1	35.06	98.1	35.06
	31	61.2	17.18	77.3	24.37	89.6	31.30	92.5	33.45	92.8	33.90	92.8	33.90	92.8	33.90
	33	61.2	18.47	77.3	26.23	87.7	32.89	87.6	32.87	87.6	32.87	87.6	32.87	87.6	32.87
	35	61.2	19.78	77.3	28.47	82.5	32.10	82.5	32.10	82.5	32.10	82.5	32.10	82.5	32.10
	37	61.2	21.35	76.4	30.53	77.2	31.22	77.2	31.22	77.2	31.22	77.2	31.22	77.2	31.22
	39	61.2	22.99	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44
	41	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02
	43	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92
	46	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31
120	10	56.5	6.90	71.4	9.63	87.3	13.88	94.1	16.05	101.5	18.54	106.2	20.06	108.5	20.86
	12	56.5	7.03	71.4	10.12	87.3	14.78	94.1	17.03	101.5	19.63	105.5	21.07	107.8	21.86
	14	56.5	7.20	71.4	10.92	87.3	15.87	94.1	18.24	101.5	21.02	104.7	22.26	107.0	23.17
	16	56.5	7.84	71.4	11.83	87.3	17.11	94.1	19.73	101.0	22.51	103.9	23.62	106.1	24.47
	18	56.5	8.59	71.4	12.92	87.3	18.57	94.1	21.39	100.1	23.91	102.9	25.02	105.1	25.91
	20	56.5	9.47	71.4	14.11	87.3	20.31	94.1	23.04	99.1	24.95	101.9	26.18	104.1	27.12
	21	56.5	9.91	71.4	14.78	87.3	20.98	94.1	23.70	98.6	25.57	101.4	26.76	103.5	27.80
	23	56.5	10.96	71.4	16.32	87.3	22.37	94.1	25.31	97.5	26.79	100.2	28.13	102.3	29.29
	25	56.5	12.26	71.4	17.54	87.3	23.93	93.2	26.64	96.3	28.19	99.0	29.68	101.1	30.93
	27	56.5	13.54	71.4	18.75	87.3	25.68	92.0	28.03	95.1	29.68	97.7	31.36	99.7	32.79
	29	56.5	14.47	71.4	20.04	87.3	27.65	90.7	29.53	93.7	31.44	96.3	33.34	98.3	34.98
	31	56.5	15.45	71.4	21.49	86.7	29.50	89.4	31.21	92.3	33.34	92.8	33.90	92.8	33.90
	33	56.5	16.53	71.4	23.14	85.3	31.17	87.8	32.90	87.6	32.87	87.6	32.87	87.6	32.87
	35	56.5	17.74	71.4	24.94	82.6	32.11	82.5	32.10	82.5	32.10	82.5	32.10	82.5	32.10
	37	56.5	19.02	71.4	27.09	77.2	31.22	77.2	31.22	77.2	31.22	77.2	31.22	77.2	31.22
	39	56.5	20.48	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44
	41	56.5	22.07	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02
	43	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92
	46	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31
110	10	51.8	6.13	65.4	8.50	80.0	11.71	86.3	13.58	93.0	15.68	99.0	17.69	103.6	19.33
	12	51.8	6.28	65.4	8.69	80.0	12.56	86.3	14.43	93.0	16.66	99.0	18.80	103.5	20.39
	14	51.8	6.41	65.4	9.31	80.0	13.45	86.3	15.50	93.0	17.89	99.0	20.09	102.8	21.53
	16	51.8	6.78	65.4	10.14	80.0	14.55	86.3	16.77	93.0	19.26	99.0	21.67	101.9	22.89
	18	51.8	7.42	65.4	11.03	80.0	15.86	86.3	18.19	93.0	20.98	99.0	23.50	101.0	24.25
	20	51.8	8.17	65.4	12.10	80.0	17.34	86.3	19.94	93.0	22.56	98.0	24.53	100.0	25.37
	21	51.8	8.57	65.4	12.68	80.0	18.20	86.3	20.63	93.0	23.28	97.5	25.13	99.5	25.94
	23	51.8	9.50	65.4	14.06	80.0	19.50	86.3	21.96	93.0	24.85	96.4	26.33	98.4	27.25
	25	51.8	10.66	65.4	15.44	80.0	20.84	86.3	23.44	92.9	26.48	95.3	27.63	97.2	28.67
	27	51.8	11.95	65.4	16.56	80.0	22.28	86.3	25.15	91.7	27.81	94.0	29.09	95.9	30.27
	29	51.8	12.91	65.4	17.63	80.0	23.90	86.3	27.08	90.4	29.28	92.7	30.73	94.6	32.00
	31	51.8	13.77	65.4	18.92	80.0	25.77	86.3	29.26	89.0	30.93	91.3	32.57	93.0	33.93
	33	51.8	14.76	65.4	20.26	80.0	27.81	85.0	30.91	87.6	32.71	87.6	32.87	87.6	32.87
	35	51.8	15.76	65.4	21.86	80.0	30.31	82.6	32.12	82.5	32.10	82.5	32.10	82.5	32.10
	37	51.8	16.93	65.4	23.57	77.2	31.22	77.2	31.22	77.2	31.22	77.2	31.22	77.2	31.22
	39	51.8	18.16	65.4	25.43	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44
	41	51.8	19.53	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02
	43	51.1	20.75	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92
	46	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31

7. Capacity Tables

Cooling Capacity (28HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	47.1	5.46	59.5	7.38	72.7	9.97	78.4	11.30	84.5	13.07	90.0	14.71	94.2	16.05
	12	47.1	5.57	59.5	7.55	72.7	10.49	78.4	12.06	84.5	13.95	90.0	15.70	94.2	17.10
	14	47.1	5.70	59.5	7.84	72.7	11.30	78.4	12.97	84.5	14.94	90.0	16.78	94.2	18.30
	16	47.1	5.82	59.5	8.58	72.7	12.23	78.4	14.05	84.5	16.13	90.0	18.07	94.2	19.75
	18	47.1	6.37	59.5	9.38	72.7	13.34	78.4	15.28	84.5	17.50	90.0	19.70	94.2	21.51
	20	47.1	7.01	59.5	10.28	72.7	14.62	78.4	16.71	84.5	19.23	90.0	21.41	94.2	23.05
	21	47.1	7.37	59.5	10.79	72.7	15.31	78.4	17.54	84.5	19.98	90.0	22.05	94.2	23.77
	23	47.1	8.19	59.5	11.95	72.7	16.90	78.4	18.97	84.5	21.33	90.0	23.50	94.2	25.37
	25	47.1	9.15	59.5	13.36	72.7	18.05	78.4	20.18	84.5	22.71	90.0	25.18	93.3	26.71
	27	47.1	10.32	59.5	14.45	72.7	19.28	78.4	21.64	84.5	24.38	90.0	27.02	92.1	28.04
	29	47.1	11.44	59.5	15.47	72.7	20.60	78.4	23.16	84.5	26.19	89.1	28.62	90.8	29.60
	31	47.1	12.22	59.5	16.55	72.7	22.19	78.4	24.91	84.5	28.24	87.8	30.17	89.5	31.28
	33	47.1	13.09	59.5	17.69	72.7	23.83	78.4	26.95	84.2	30.48	86.4	31.88	87.8	32.90
	35	47.1	14.01	59.5	19.02	72.7	25.75	78.4	29.23	82.7	32.13	82.5	32.10	82.5	32.10
	37	47.1	14.98	59.5	20.48	72.7	27.96	77.0	31.03	77.2	31.22	77.2	31.22	77.2	31.22
	39	47.1	16.10	59.5	22.00	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44
	41	47.1	17.23	58.9	23.51	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02
	43	47.1	18.56	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92
	46	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31
90	10	42.4	4.83	53.5	6.41	65.4	8.50	70.5	9.51	76.1	10.72	81.0	12.00	84.8	13.17
	12	42.4	4.93	53.5	6.57	65.4	8.69	70.5	9.92	76.1	11.41	81.0	12.84	84.8	14.01
	14	42.4	5.02	53.5	6.69	65.4	9.31	70.5	10.74	76.1	12.28	81.0	13.79	84.8	15.01
	16	42.4	5.13	53.5	7.16	65.4	10.14	70.5	11.61	76.1	13.32	81.0	14.92	84.8	16.20
	18	42.4	5.40	53.5	7.87	65.4	11.04	70.5	12.63	76.1	14.45	81.0	16.20	84.8	17.63
	20	42.4	5.99	53.5	8.62	65.4	12.14	70.5	13.85	76.1	15.81	81.0	17.70	84.8	19.31
	21	42.4	6.30	53.5	9.06	65.4	12.69	70.5	14.51	76.1	16.61	81.0	18.60	84.8	20.06
	23	42.4	6.99	53.5	10.04	65.4	14.06	70.5	16.09	76.1	18.10	81.0	19.94	84.8	21.35
	25	42.4	7.82	53.5	11.21	65.4	15.50	70.5	17.24	76.1	19.31	81.0	21.25	84.8	22.85
	27	42.4	8.78	53.5	12.56	65.4	16.56	70.5	18.44	76.1	20.67	81.0	22.72	84.8	24.48
	29	42.4	9.96	53.5	13.41	65.4	17.73	70.5	19.76	76.1	22.14	81.0	24.42	84.8	26.30
	31	42.4	10.77	53.5	14.35	65.4	18.94	70.5	21.19	76.1	23.75	81.0	26.26	84.8	28.40
	33	42.4	11.57	53.5	15.42	65.4	20.37	70.5	22.77	76.1	25.64	81.0	28.47	84.3	30.50
	35	42.4	12.32	53.5	16.45	65.4	21.86	70.5	24.53	76.1	27.76	81.0	30.96	82.7	32.13
	37	42.4	13.20	53.5	17.71	65.4	23.57	70.5	26.53	75.7	30.04	77.2	31.22	77.2	31.22
	39	42.4	14.13	53.5	18.98	65.4	25.51	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44
	41	42.4	15.15	53.5	20.41	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02
	43	42.4	16.24	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92
	46	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31
80	10	37.6	4.29	47.6	5.55	58.1	7.20	62.7	7.99	67.6	8.91	71.9	9.80	75.4	10.56
	12	37.6	4.33	47.6	5.67	58.1	7.34	62.7	8.17	67.6	9.20	71.9	10.29	75.4	11.23
	14	37.6	4.44	47.6	5.75	58.1	7.56	62.7	8.67	67.6	9.91	71.9	11.12	75.4	12.06
	16	37.6	4.51	47.6	5.90	58.1	8.25	62.7	9.43	67.6	10.78	71.9	12.01	75.4	13.10
	18	37.6	4.60	47.6	6.49	58.1	9.03	62.7	10.27	67.6	11.71	71.9	13.10	75.4	14.21
	20	37.6	5.06	47.6	7.15	58.1	9.90	62.7	11.27	67.6	12.86	71.9	14.31	75.4	15.55
	21	37.6	5.31	47.6	7.46	58.1	10.41	62.7	11.84	67.6	13.47	71.9	15.04	75.4	16.33
	23	37.6	5.89	47.6	8.33	58.1	11.53	62.7	13.08	67.6	14.92	71.9	16.63	75.4	17.84
	25	37.6	6.58	47.6	9.30	58.1	12.85	62.7	14.54	67.6	16.26	71.9	17.78	75.4	19.05
	27	37.6	7.37	47.6	10.45	58.1	14.05	62.7	15.60	67.6	17.31	71.9	18.96	75.4	20.34
	29	37.6	8.40	47.6	11.59	58.1	15.00	62.7	16.68	67.6	18.53	71.9	20.32	75.4	21.78
	31	37.6	9.41	47.6	12.39	58.1	16.06	62.7	17.82	67.6	19.88	71.9	21.83	75.4	23.45
	33	37.6	10.10	47.6	13.26	58.1	17.23	62.7	19.09	67.6	21.37	71.9	23.52	75.4	25.25
	35	37.6	10.77	47.6	14.19	58.1	18.46	62.7	20.55	67.6	22.92	71.9	25.34	75.4	27.33
	37	37.6	11.57	47.6	15.16	58.1	19.84	62.7	22.12	67.6	24.85	71.9	27.45	75.3	29.67
	39	37.6	12.33	47.6	16.30	58.1	21.38	62.7	23.87	67.1	26.62	68.3	27.44	68.3	27.44
	41	37.6	13.21	47.6	17.50	58.1	23.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02
	43	37.6	14.14	47.6	18.83	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92
	46	37.6	15.76	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31

7. Capacity Tables

Cooling Capacity (28HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	32.9	3.77	41.6	4.74	50.9	6.03	54.9	6.63	59.2	7.38	63.0	8.06	66.0	8.57
	12	32.9	3.81	41.6	4.83	50.9	6.13	54.9	6.80	59.2	7.51	63.0	8.24	66.0	8.81
	14	32.9	3.88	41.6	4.93	50.9	6.28	54.9	6.93	59.2	7.76	63.0	8.72	66.0	9.50
	16	32.9	3.92	41.6	5.02	50.9	6.57	54.9	7.47	59.2	8.49	63.0	9.44	66.0	10.31
	18	32.9	3.99	41.6	5.28	50.9	7.24	54.9	8.20	59.2	9.29	63.0	10.37	66.0	11.20
	20	32.9	4.25	41.6	5.80	50.9	7.94	54.9	9.01	59.2	10.21	63.0	11.34	66.0	12.27
	21	32.9	4.44	41.6	6.10	50.9	8.36	54.9	9.44	59.2	10.74	63.0	11.95	66.0	12.91
	23	32.9	4.88	41.6	6.80	50.9	9.28	54.9	10.48	59.2	11.88	63.0	13.20	66.0	14.30
	25	32.9	5.47	41.6	7.59	50.9	10.38	54.9	11.70	59.2	13.25	63.0	14.66	66.0	15.67
	27	32.9	6.13	41.6	8.56	50.9	11.63	54.9	13.01	59.2	14.39	63.0	15.66	66.0	16.69
	29	32.9	6.97	41.6	9.72	50.9	12.64	54.9	13.91	59.2	15.40	63.0	16.75	66.0	17.87
	31	32.9	8.03	41.6	10.57	50.9	13.48	54.9	14.86	59.2	16.44	63.0	17.94	66.0	19.19
	33	32.9	8.75	41.6	11.31	50.9	14.46	54.9	15.91	59.2	17.62	63.0	19.22	66.0	20.53
	35	32.9	9.37	41.6	12.05	50.9	15.45	54.9	17.08	59.2	18.94	63.0	20.63	66.0	22.14
	37	32.9	10.02	41.6	12.92	50.9	16.60	54.9	18.31	59.2	20.34	63.0	22.26	66.0	23.89
	39	32.9	10.69	41.6	13.83	50.9	17.81	54.9	19.69	59.2	21.90	63.0	24.02	66.0	25.84
	41	32.9	11.45	41.6	14.84	50.9	19.16	54.9	21.21	58.7	23.35	59.7	24.02	59.7	24.02
	43	32.9	12.29	41.6	15.91	50.6	20.44	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92
	46	32.9	13.61	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31
60	10	28.2	3.32	35.7	4.04	43.6	5.02	47.1	5.46	50.7	5.96	53.9	6.51	56.5	6.90
	12	28.2	3.36	35.7	4.12	43.6	5.10	47.1	5.55	50.7	6.13	53.9	6.63	56.5	7.07
	14	28.2	3.39	35.7	4.19	43.6	5.21	47.1	5.70	50.7	6.24	53.9	6.80	56.5	7.20
	16	28.2	3.44	35.7	4.26	43.6	5.32	47.1	5.82	50.7	6.56	53.9	7.25	56.5	7.84
	18	28.2	3.50	35.7	4.33	43.6	5.66	47.1	6.37	50.7	7.19	53.9	7.96	56.5	8.59
	20	28.2	3.54	35.7	4.69	43.6	6.24	47.1	7.01	50.7	7.92	53.9	8.76	56.5	9.47
	21	28.2	3.70	35.7	4.93	43.6	6.59	47.1	7.37	50.7	8.31	53.9	9.18	56.5	9.91
	23	28.2	4.04	35.7	5.48	43.6	7.31	47.1	8.19	50.7	9.22	53.9	10.16	56.5	11.00
	25	28.2	4.50	35.7	6.10	43.6	8.18	47.1	9.15	50.7	10.28	53.9	11.39	56.5	12.27
	27	28.2	5.05	35.7	6.86	43.6	9.17	47.1	10.32	50.7	11.62	53.9	12.73	56.5	13.54
	29	28.2	5.73	35.7	7.80	43.6	10.37	47.1	11.44	50.7	12.54	53.9	13.62	56.5	14.48
	31	28.2	6.56	35.7	8.88	43.6	11.17	47.1	12.22	50.7	13.43	53.9	14.56	56.5	15.45
	33	28.2	7.52	35.7	9.55	43.6	11.95	47.1	13.09	50.7	14.36	53.9	15.60	56.5	16.59
	35	28.2	8.05	35.7	10.16	43.6	12.80	47.1	14.01	50.7	15.39	53.9	16.70	56.5	17.74
	37	28.2	8.56	35.7	10.89	43.6	13.71	47.1	14.98	50.7	16.48	53.9	17.86	56.5	19.02
	39	28.2	9.16	35.7	11.65	43.6	14.66	47.1	16.10	50.7	17.68	53.9	19.21	56.5	20.49
	41	28.2	9.84	35.7	12.50	43.6	15.67	47.1	17.23	50.7	19.03	53.9	20.70	56.5	22.14
	43	28.2	10.51	35.7	13.35	43.6	16.84	47.1	18.56	50.5	20.37	51.5	20.92	51.5	20.92
	46	28.2	11.66	35.7	14.80	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	28.2	12.46	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31
50	10	23.5	2.89	29.7	3.44	36.4	4.14	39.2	4.46	42.3	4.83	45.0	5.21	47.1	5.46
	12	23.5	2.91	29.7	3.50	36.4	4.21	39.2	4.53	42.3	4.93	45.0	5.30	47.1	5.61
	14	23.5	2.94	29.7	3.54	36.4	4.26	39.2	4.62	42.3	5.02	45.0	5.41	47.1	5.70
	16	23.5	2.98	29.7	3.59	36.4	4.33	39.2	4.69	42.3	5.13	45.0	5.49	47.1	5.84
	18	23.5	3.04	29.7	3.65	36.4	4.44	39.2	4.83	42.3	5.40	45.0	5.93	47.1	6.37
	20	23.5	3.08	29.7	3.72	36.4	4.82	39.2	5.33	42.3	5.95	45.0	6.53	47.1	7.05
	21	23.5	3.08	29.7	3.90	36.4	5.07	39.2	5.61	42.3	6.26	45.0	6.90	47.1	7.37
	23	23.5	3.35	29.7	4.31	36.4	5.60	39.2	6.23	42.3	6.94	45.0	7.64	47.1	8.22
	25	23.5	3.68	29.7	4.79	36.4	6.27	39.2	6.96	42.3	7.74	45.0	8.55	47.1	9.19
	27	23.5	4.10	29.7	5.38	36.4	7.03	39.2	7.83	42.3	8.73	45.0	9.62	47.1	10.32
	29	23.5	4.64	29.7	6.10	36.4	8.01	39.2	8.90	42.3	9.95	45.0	10.83	47.1	11.44
	31	23.5	5.30	29.7	7.01	36.4	9.08	39.2	9.88	42.3	10.77	45.0	11.59	47.1	12.22
	33	23.5	6.15	29.7	7.90	36.4	9.70	39.2	10.58	42.3	11.48	45.0	12.38	47.1	13.10
	35	23.5	6.85	29.7	8.44	36.4	10.41	39.2	11.29	42.3	12.31	45.0	13.27	47.1	14.01
	37	23.5	7.28	29.7	8.98	36.4	11.11	39.2	12.07	42.3	13.20	45.0	14.19	47.1	14.98
	39	23.5	7.78	29.7	9.66	36.4	11.93	39.2	12.94	42.3	14.12	45.0	15.22	47.1	16.10
	41	23.5	8.31	29.7	10.32	36.4	12.74	39.2	13.86	42.3	15.09	45.0	16.31	47.1	17.29
	43	23.5	8.91	29.7	11.01	36.4	13.65	39.2	14.87	42.3	16.23	45.0	17.51	47.1	18.61
	46	23.5	9.85	29.7	12.24	36.4	15.17	38.9	16.42	39.6	16.78	39.6	16.78	39.6	16.78
	48	23.5	10.53	29.7	13.08	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM300LTE5

Cooling Capacity (30HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	65.5	7.38	82.8	10.00	101.3	13.92	109.2	15.90	117.7	18.42	125.3	20.78	131.2	22.67
	12	65.5	7.53	82.8	10.50	101.3	14.87	109.2	17.13	117.7	19.77	125.3	22.26	131.2	24.32
	14	65.5	7.77	82.8	11.10	101.3	16.04	109.2	18.48	117.7	21.37	125.3	24.05	131.2	26.19
	16	65.5	8.18	82.8	12.17	101.3	17.48	109.2	20.09	117.7	23.11	125.3	25.73	131.2	28.06
	18	65.5	9.01	82.8	13.31	101.3	19.07	109.2	21.73	117.7	24.83	125.3	27.82	131.2	30.24
	20	65.5	9.92	82.8	14.58	101.3	20.69	109.2	23.59	117.7	26.90	125.3	29.93	131.2	32.44
	21	65.5	10.45	82.8	15.39	101.3	21.57	109.2	24.48	117.7	27.81	125.3	31.00	131.2	33.53
	23	65.5	11.55	82.8	16.81	101.3	23.35	109.2	26.32	117.7	29.86	125.3	33.22	131.2	36.08
	25	65.5	12.87	82.8	18.37	101.3	25.07	109.2	28.21	117.7	32.04	125.3	35.80	130.3	38.35
	27	65.5	14.09	82.8	19.78	101.3	26.77	109.2	30.32	117.7	34.57	125.3	38.80	128.9	40.54
	29	65.5	15.42	82.8	21.15	101.3	28.82	109.2	32.68	117.7	37.40	123.7	40.74	127.2	42.72
	31	65.5	16.45	82.8	22.73	101.3	31.01	109.2	35.32	114.9	38.35	119.5	40.80	123.0	42.94
	33	65.5	17.67	82.8	24.41	100.9	33.26	105.6	35.62	110.7	38.34	115.3	41.11	118.8	43.56
	35	65.5	18.93	82.8	26.27	96.9	33.13	101.6	35.77	106.7	38.83	108.4	39.95	108.4	39.95
	37	65.5	20.32	81.9	27.78	93.0	33.29	96.9	35.66	96.9	35.66	96.9	35.66	96.9	35.66
	39	65.5	21.88	78.2	27.64	85.8	31.68	85.8	31.68	85.8	31.68	85.8	31.68	85.8	31.68
	41	64.2	22.75	74.6	27.64	75.1	27.91	75.1	27.91	75.1	27.91	75.1	27.91	75.1	27.91
	43	60.8	22.62	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56
	46	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84
	48	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02
120	10	60.5	6.72	76.5	8.96	93.5	12.20	100.8	13.86	108.7	15.76	115.7	17.74	121.2	19.47
	12	60.5	6.82	76.5	9.31	93.5	12.81	100.8	14.72	108.7	16.97	115.7	19.11	121.2	20.88
	14	60.5	6.97	76.5	9.76	93.5	13.90	100.8	15.97	108.7	18.31	115.7	20.66	121.2	22.58
	16	60.5	7.35	76.5	10.61	93.5	15.08	100.8	17.32	108.7	19.92	115.7	22.35	121.2	24.28
	18	60.5	7.92	76.5	11.63	93.5	16.49	100.8	18.90	108.7	21.56	115.7	24.09	121.2	26.13
	20	60.5	8.76	76.5	12.78	93.5	18.09	100.8	20.53	108.7	23.34	115.7	26.10	121.2	28.24
	21	60.5	9.20	76.5	13.39	93.5	18.81	100.8	21.39	108.7	24.29	115.7	27.07	121.2	29.21
	23	60.5	10.19	76.5	14.84	93.5	20.45	100.8	23.17	108.7	26.12	115.7	28.99	121.2	31.31
	25	60.5	11.38	76.5	16.20	93.5	22.15	100.8	24.83	108.7	28.02	115.7	31.12	121.2	33.68
	27	60.5	12.62	76.5	17.68	93.5	23.69	100.8	26.58	108.7	30.04	115.7	33.42	121.2	36.34
	29	60.5	13.88	76.5	18.95	93.5	25.41	100.8	28.62	108.7	32.46	115.7	36.26	121.2	39.40
	31	60.5	14.93	76.5	20.28	93.5	27.30	100.8	30.80	108.7	35.08	113.7	37.67	117.0	39.36
	33	60.5	15.98	76.5	21.73	93.5	29.40	100.6	33.13	105.3	35.37	109.5	37.62	112.8	39.55
	35	60.5	17.11	76.5	23.37	92.2	30.91	96.6	33.00	101.3	35.62	105.5	38.04	108.4	39.95
	37	60.5	18.35	76.5	25.16	88.3	30.81	92.7	33.15	96.9	35.66	96.9	35.66	96.9	35.66
	39	60.5	19.71	74.4	25.82	84.6	30.97	85.8	31.68	85.8	31.68	85.8	31.68	85.8	31.68
	41	60.5	21.09	70.8	25.70	75.1	27.91	75.1	27.91	75.1	27.91	75.1	27.91	75.1	27.91
	43	57.8	21.25	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56
	46	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84
	48	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02
110	10	55.5	6.09	70.0	8.00	85.7	10.58	92.4	11.96	99.7	13.56	106.0	15.12	111.0	16.42
	12	55.5	6.19	70.0	8.16	85.7	11.10	92.4	12.53	99.7	14.38	106.0	16.20	111.0	17.68
	14	55.5	6.33	70.0	8.56	85.7	11.82	92.4	13.56	99.7	15.65	106.0	17.52	111.0	19.13
	16	55.5	6.54	70.0	9.16	85.7	12.93	92.4	14.78	99.7	16.94	106.0	19.06	111.0	20.78
	18	55.5	6.99	70.0	10.04	85.7	14.16	92.4	16.16	99.7	18.53	106.0	20.71	111.0	22.42
	20	55.5	7.65	70.0	11.06	85.7	15.57	92.4	17.76	99.7	20.11	106.0	22.36	111.0	24.24
	21	55.5	8.05	70.0	11.60	85.7	16.35	92.4	18.46	99.7	20.98	106.0	23.27	111.0	25.23
	23	55.5	8.93	70.0	12.85	85.7	17.78	92.4	20.09	99.7	22.81	106.0	25.14	111.0	27.11
	25	55.5	9.99	70.0	14.16	85.7	19.41	92.4	21.68	99.7	24.37	106.0	26.90	111.0	29.06
	27	55.5	11.13	70.0	15.60	85.7	20.82	92.4	23.27	99.7	26.12	106.0	28.86	111.0	31.21
	29	55.5	12.27	70.0	16.76	85.7	22.25	92.4	24.96	99.7	28.04	106.0	31.03	111.0	33.64
	31	55.5	13.41	70.0	17.97	85.7	23.95	92.4	26.83	99.7	30.27	106.0	33.54	110.9	36.33
	33	55.5	14.34	70.0	19.26	85.7	25.71	92.4	28.90	99.7	32.57	103.7	34.67	106.7	36.18
	35	55.5	15.38	70.0	20.75	85.7	27.70	91.5	30.65	95.9	32.71	99.7	34.65	102.7	36.37
	37	55.5	16.46	70.0	22.23	83.6	28.52	87.6	30.53	92.0	32.73	95.8	35.03	96.9	35.66
	39	55.5	17.67	70.0	23.90	79.9	28.42	83.9	30.56	85.8	31.68	85.8	31.68	85.8	31.68
	41	55.5	18.93	66.9	23.90	75.1	27.91	75.1	27.91	75.1	27.91	75.1	27.91	75.1	27.91
	43	54.8	19.96	63.5	23.83	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56
	46	49.8	19.72	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84
	48	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02

7. Capacity Tables

Cooling Capacity (30HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	50.5	5.53	63.7	7.12	77.9	9.18	84.0	10.25	90.5	11.57	96.4	12.84	101.0	13.86
	12	50.5	5.62	63.7	7.27	77.9	9.56	84.0	10.72	90.5	12.17	96.4	13.59	101.0	14.74
	14	50.5	5.73	63.7	7.46	77.9	10.02	84.0	11.47	90.5	13.13	96.4	14.70	101.0	15.97
	16	50.5	5.82	63.7	7.88	77.9	10.93	84.0	12.50	90.5	14.26	96.4	15.99	101.0	17.41
	18	50.5	6.12	63.7	8.62	77.9	11.97	84.0	13.65	90.5	15.60	96.4	17.44	101.0	18.96
	20	50.5	6.69	63.7	9.48	77.9	13.21	84.0	15.03	90.5	17.12	96.4	19.03	101.0	20.54
	21	50.5	6.99	63.7	9.94	77.9	13.84	84.0	15.78	90.5	17.90	96.4	19.86	101.0	21.41
	23	50.5	7.77	63.7	11.00	77.9	15.27	84.0	17.27	90.5	19.48	96.4	21.57	101.0	23.24
	25	50.5	8.65	63.7	12.33	77.9	16.69	84.0	18.74	90.5	21.08	96.4	23.17	101.0	24.91
	27	50.5	9.70	63.7	13.56	77.9	18.16	84.0	20.25	90.5	22.57	96.4	24.85	101.0	26.68
	29	50.5	10.83	63.7	14.81	77.9	19.44	84.0	21.65	90.5	24.22	96.4	26.68	101.0	28.70
	31	50.5	11.96	63.7	15.93	77.9	20.85	84.0	23.17	90.5	25.99	96.4	28.67	101.0	30.88
	33	50.5	12.82	63.7	16.98	77.9	22.33	84.0	24.95	90.5	27.99	96.4	30.86	100.7	33.14
	35	50.5	13.72	63.7	18.21	77.9	24.00	84.0	26.82	90.4	30.06	93.9	31.69	96.7	33.11
	37	50.5	14.74	63.7	19.64	77.9	25.84	82.6	28.14	86.5	29.91	90.0	31.74	92.8	33.27
	39	50.5	15.79	63.7	21.02	75.2	26.18	78.9	27.91	82.8	30.00	85.8	31.68	85.8	31.68
	41	50.5	16.90	63.1	22.22	71.6	26.09	75.1	27.91	75.1	27.91	75.1	27.91	75.1	27.91
	43	50.5	18.14	59.7	22.05	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56
	46	46.8	18.40	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84
	48	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02
90	10	45.4	4.99	57.3	6.33	70.1	8.00	75.6	8.83	81.5	9.79	86.8	10.80	90.8	11.67
	12	45.4	5.07	57.3	6.43	70.1	8.16	75.6	9.11	81.5	10.24	86.8	11.32	90.8	12.17
	14	45.4	5.14	57.3	6.57	70.1	8.56	75.6	9.60	81.5	10.83	86.8	12.12	90.8	13.14
	16	45.4	5.26	57.3	6.83	70.1	9.17	75.6	10.38	81.5	11.83	86.8	13.26	90.8	14.35
	18	45.4	5.42	57.3	7.34	70.1	10.05	75.6	11.38	81.5	12.99	86.8	14.46	90.8	15.68
	20	45.4	5.80	57.3	8.04	70.1	11.07	75.6	12.56	81.5	14.25	86.8	15.90	90.8	17.22
	21	45.4	6.10	57.3	8.44	70.1	11.61	75.6	13.17	81.5	14.93	86.8	16.66	90.8	17.92
	23	45.4	6.73	57.3	9.37	70.1	12.86	75.6	14.60	81.5	16.42	86.8	18.16	90.8	19.50
	25	45.4	7.47	57.3	10.47	70.1	14.21	75.6	15.96	81.5	17.95	86.8	19.80	90.8	21.16
	27	45.4	8.39	57.3	11.67	70.1	15.61	75.6	17.39	81.5	19.38	86.8	21.17	90.8	22.68
	29	45.4	9.50	57.3	12.86	70.1	16.87	75.6	18.64	81.5	20.73	86.8	22.67	90.8	24.25
	31	45.4	10.48	57.3	13.90	70.1	17.98	75.6	19.95	81.5	22.20	86.8	24.33	90.8	26.07
	33	45.4	11.39	57.3	14.97	70.1	19.39	75.6	21.47	81.5	23.86	86.8	26.18	90.8	28.12
	35	45.4	12.17	57.3	15.97	70.1	20.75	75.6	23.00	81.5	25.67	86.8	28.21	90.6	30.18
	37	45.4	13.05	57.3	17.15	70.1	22.23	75.6	24.71	81.1	27.43	84.3	28.88	86.7	30.02
	39	45.4	14.03	57.3	18.39	70.1	23.91	73.9	25.59	77.4	27.26	80.6	28.80	83.0	30.02
	41	45.4	15.04	57.3	19.70	67.0	23.90	70.3	25.46	73.8	27.24	75.1	27.91	75.1	27.91
	43	45.4	16.13	55.9	20.48	63.6	23.83	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56
	46	43.7	17.16	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84
	48	40.7	16.92	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02
80	10	40.3	4.50	51.0	5.60	62.3	6.97	67.2	7.62	72.5	8.36	77.1	9.09	80.8	9.67
	12	40.3	4.56	51.0	5.69	62.3	7.07	67.2	7.73	72.5	8.57	77.1	9.42	80.8	10.13
	14	40.3	4.64	51.0	5.75	62.3	7.28	67.2	8.08	72.5	8.99	77.1	9.91	80.8	10.65
	16	40.3	4.70	51.0	5.91	62.3	7.66	67.2	8.55	72.5	9.69	77.1	10.75	80.8	11.64
	18	40.3	4.80	51.0	6.20	62.3	8.29	67.2	9.38	72.5	10.60	77.1	11.78	80.8	12.73
	20	40.3	5.05	51.0	6.83	62.3	9.13	67.2	10.34	72.5	11.67	77.1	12.94	80.8	14.03
	21	40.3	5.24	51.0	7.09	62.3	9.64	67.2	10.86	72.5	12.28	77.1	13.60	80.8	14.75
	23	40.3	5.77	51.0	7.91	62.3	10.66	67.2	12.04	72.5	13.59	77.1	15.05	80.8	16.19
	25	40.3	6.39	51.0	8.77	62.3	11.89	67.2	13.35	72.5	14.96	77.1	16.49	80.8	17.64
	27	40.3	7.16	51.0	9.84	62.3	13.13	67.2	14.62	72.5	16.35	77.1	17.85	80.8	19.07
	29	40.3	8.06	51.0	11.01	62.3	14.45	67.2	15.93	72.5	17.58	77.1	19.13	80.8	20.41
	31	40.3	9.11	51.0	12.10	62.3	15.44	67.2	17.05	72.5	18.84	77.1	20.52	80.8	21.95
	33	40.3	10.04	51.0	12.96	62.3	16.59	67.2	18.29	72.5	20.21	77.1	22.08	80.8	23.50
	35	40.3	10.75	51.0	13.87	62.3	17.80	67.2	19.64	72.5	21.69	77.1	23.72	80.8	25.30
	37	40.3	11.54	51.0	14.89	62.3	19.08	67.2	21.02	72.5	23.30	77.1	25.45	80.7	27.21
	39	40.3	12.35	51.0	15.95	62.3	20.48	67.2	22.61	72.0	24.78	74.8	26.04	77.0	27.02
	41	40.3	13.23	51.0	17.13	62.3	21.89	65.2	23.11	68.4	24.50	71.2	25.84	73.4	26.98
	43	40.3	14.23	51.0	18.38	58.9	21.71	61.8	23.09	64.9	24.56	64.9	24.56	64.9	24.56
	46	40.3	15.79	47.1	18.51	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84
	48	37.7	15.69	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02

7. Capacity Tables

Cooling Capacity (30HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	35.3	4.09	44.5	4.93	54.5	6.02	58.8	6.50	63.4	7.12	67.5	7.65	70.7	8.08
	12	35.3	4.14	44.5	4.99	54.5	6.09	58.8	6.64	63.4	7.23	67.5	7.81	70.7	8.25
	14	35.3	4.16	44.5	5.07	54.5	6.19	58.8	6.75	63.4	7.45	67.5	8.13	70.7	8.70
	16	35.3	4.21	44.5	5.14	54.5	6.42	58.8	7.08	63.4	7.84	67.5	8.56	70.7	9.29
	18	35.3	4.26	44.5	5.34	54.5	6.80	58.8	7.59	63.4	8.52	67.5	9.43	70.7	10.17
	20	35.3	4.41	44.5	5.68	54.5	7.50	58.8	8.37	63.4	9.41	67.5	10.36	70.7	11.21
	21	35.3	4.54	44.5	5.93	54.5	7.83	58.8	8.79	63.4	9.89	67.5	10.92	70.7	11.79
	23	35.3	4.95	44.5	6.58	54.5	8.69	58.8	9.78	63.4	10.97	67.5	12.10	70.7	13.05
	25	35.3	5.47	44.5	7.30	54.5	9.73	58.8	10.88	63.4	12.20	67.5	13.48	70.7	14.37
	27	35.3	6.07	44.5	8.16	54.5	10.89	58.8	12.13	63.4	13.43	67.5	14.75	70.7	15.77
	29	35.3	6.83	44.5	9.24	54.5	12.06	58.8	13.35	63.4	14.79	67.5	16.02	70.7	17.03
	31	35.3	7.78	44.5	10.28	54.5	13.13	58.8	14.37	63.4	15.79	67.5	17.12	70.7	18.27
	33	35.3	8.75	44.5	11.20	54.5	14.05	58.8	15.41	63.4	16.96	67.5	18.36	70.7	19.56
	35	35.3	9.41	44.5	11.98	54.5	15.09	58.8	16.49	63.4	18.19	67.5	19.66	70.7	20.98
	37	35.3	10.10	44.5	12.84	54.5	16.15	58.8	17.70	63.4	19.48	67.5	21.17	70.7	22.50
	39	35.3	10.75	44.5	13.74	54.5	17.33	58.8	18.97	63.4	20.90	67.5	22.69	70.7	24.17
	41	35.3	11.56	44.5	14.74	54.5	18.59	58.8	20.45	62.9	22.20	65.4	23.21	67.3	24.03
	43	35.3	12.41	44.5	15.81	54.2	19.75	56.8	20.82	59.5	22.04	62.0	23.10	63.9	24.06
	46	35.3	13.82	43.2	16.96	49.2	19.49	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84
	48	34.7	14.53	40.2	16.72	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02
60	10	30.3	3.68	38.2	4.31	46.7	5.14	50.4	5.53	54.3	5.95	57.8	6.40	60.5	6.72
	12	30.3	3.72	38.2	4.38	46.7	5.19	50.4	5.60	54.3	6.09	57.8	6.50	60.5	6.86
	14	30.3	3.76	38.2	4.45	46.7	5.32	50.4	5.73	54.3	6.19	57.8	6.64	60.5	6.97
	16	30.3	3.78	38.2	4.50	46.7	5.41	50.4	5.82	54.3	6.38	57.8	6.92	60.5	7.35
	18	30.3	3.83	38.2	4.56	46.7	5.59	50.4	6.12	54.3	6.78	57.8	7.43	60.5	7.92
	20	30.3	3.88	38.2	4.74	46.7	6.03	50.4	6.69	54.3	7.44	57.8	8.15	60.5	8.76
	21	30.3	3.94	38.2	4.96	46.7	6.34	50.4	6.99	54.3	7.82	57.8	8.56	60.5	9.21
	23	30.3	4.22	38.2	5.44	46.7	6.99	50.4	7.77	54.3	8.68	57.8	9.49	60.5	10.20
	25	30.3	4.61	38.2	6.00	46.7	7.81	50.4	8.65	54.3	9.62	57.8	10.61	60.5	11.38
	27	30.3	5.09	38.2	6.69	46.7	8.71	50.4	9.70	54.3	10.83	57.8	11.85	60.5	12.62
	29	30.3	5.73	38.2	7.55	46.7	9.83	50.4	10.83	54.3	11.93	57.8	13.05	60.5	13.89
	31	30.3	6.49	38.2	8.56	46.7	10.89	50.4	11.96	54.3	13.08	57.8	14.08	60.5	14.93
	33	30.3	7.41	38.2	9.51	46.7	11.78	50.4	12.82	54.3	13.99	57.8	15.12	60.5	15.99
	35	30.3	8.16	38.2	10.19	46.7	12.62	50.4	13.72	54.3	15.00	57.8	16.18	60.5	17.12
	37	30.3	8.74	38.2	10.92	46.7	13.52	50.4	14.74	54.3	16.08	57.8	17.31	60.5	18.36
	39	30.3	9.32	38.2	11.73	46.7	14.45	50.4	15.79	54.3	17.27	57.8	18.57	60.5	19.71
	41	30.3	10.05	38.2	12.57	46.7	15.51	50.4	16.90	54.3	18.52	57.8	19.94	60.5	21.15
	43	30.3	10.71	38.2	13.48	46.7	16.68	50.4	18.14	54.1	19.74	56.2	20.59	57.8	21.26
	46	30.3	11.94	38.2	14.88	44.5	17.47	46.7	18.40	49.1	19.39	50.1	19.84	50.1	19.84
	48	30.3	12.82	36.4	15.20	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02
50	10	25.2	3.32	31.8	3.81	39.0	4.40	42.0	4.68	45.3	4.99	48.2	5.32	50.5	5.53
	12	25.2	3.32	31.8	3.83	39.0	4.45	42.0	4.75	45.3	5.07	48.2	5.39	50.5	5.62
	14	25.2	3.36	31.8	3.88	39.0	4.50	42.0	4.82	45.3	5.14	48.2	5.47	50.5	5.73
	16	25.2	3.38	31.8	3.93	39.0	4.56	42.0	4.87	45.3	5.22	48.2	5.53	50.5	5.84
	18	25.2	3.43	31.8	3.98	39.0	4.64	42.0	4.99	45.3	5.42	48.2	5.82	50.5	6.12
	20	25.2	3.47	31.8	4.06	39.0	4.84	42.0	5.26	45.3	5.80	48.2	6.30	50.5	6.72
	21	25.2	3.47	31.8	4.12	39.0	5.07	42.0	5.53	45.3	6.10	48.2	6.62	50.5	6.99
	23	25.2	3.64	31.8	4.44	39.0	5.54	42.0	6.08	45.3	6.69	48.2	7.31	50.5	7.80
	25	25.2	3.88	31.8	4.88	39.0	6.14	42.0	6.71	45.3	7.42	48.2	8.11	50.5	8.70
	27	25.2	4.26	31.8	5.41	39.0	6.82	42.0	7.56	45.3	8.35	48.2	9.11	50.5	9.71
	29	25.2	4.74	31.8	6.06	39.0	7.74	42.0	8.50	45.3	9.43	48.2	10.23	50.5	10.83
	31	25.2	5.32	31.8	6.90	39.0	8.73	42.0	9.56	45.3	10.47	48.2	11.36	50.5	11.97
	33	25.2	6.10	31.8	7.82	39.0	9.70	42.0	10.52	45.3	11.35	48.2	12.17	50.5	12.82
	35	25.2	6.95	31.8	8.51	39.0	10.37	42.0	11.20	45.3	12.17	48.2	13.05	50.5	13.73
	37	25.2	7.43	31.8	9.13	39.0	11.11	42.0	12.01	45.3	13.04	48.2	13.96	50.5	14.74
	39	25.2	8.01	31.8	9.79	39.0	11.93	42.0	12.88	45.3	13.95	48.2	15.04	50.5	15.79
	41	25.2	8.57	31.8	10.51	39.0	12.79	42.0	13.86	45.3	14.98	48.2	16.05	50.5	16.97
	43	25.2	9.23	31.8	11.26	39.0	13.70	42.0	14.81	45.3	16.05	48.2	17.24	50.5	18.20
	46	25.2	10.24	31.8	12.51	39.0	15.24	41.7	16.36	43.7	17.15	45.4	17.87	46.8	18.41
	48	25.2	11.00	31.8	13.43	36.9	15.39	38.7	16.10	40.7	16.92	40.9	17.02	40.9	17.02

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM320LTE5

Cooling Capacity (32HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	69.9	8.06	88.3	11.12	108.0	15.89	116.5	18.30	125.6	21.18	133.7	23.89	140.0	26.11
	12	69.9	8.23	88.3	11.70	108.0	17.03	116.5	19.64	125.6	22.66	133.7	25.61	140.0	28.02
	14	69.9	8.52	88.3	12.73	108.0	18.39	116.5	21.20	125.6	24.50	133.7	27.60	140.0	30.13
	16	69.9	9.23	88.3	13.83	108.0	20.05	116.5	23.05	125.6	26.54	133.7	29.62	140.0	32.32
	18	69.9	10.14	88.3	15.15	108.0	21.81	116.5	24.99	125.6	28.57	133.7	31.78	140.0	34.42
	20	69.9	11.20	88.3	16.63	108.0	23.73	116.5	26.93	125.6	30.43	133.7	33.93	140.0	36.85
	21	69.9	11.79	88.3	17.44	108.0	24.54	116.5	27.79	125.6	31.44	133.7	35.10	140.0	38.17
	23	69.9	13.00	88.3	19.19	108.0	26.28	116.5	29.67	125.6	33.70	133.7	37.77	140.0	41.13
	25	69.9	14.52	88.3	20.64	108.0	28.15	116.5	31.84	125.6	36.31	133.7	40.76	139.1	43.98
	27	69.9	15.90	88.3	22.12	108.0	30.20	116.5	34.36	125.6	39.23	133.7	44.36	137.7	46.85
	29	69.9	17.07	88.3	23.69	108.0	32.46	116.5	37.09	125.6	42.63	132.1	47.10	135.3	49.34
	31	69.9	18.26	88.3	25.41	108.0	35.09	116.5	40.16	122.8	44.24	127.9	47.99	128.9	48.73
	33	69.9	19.56	88.3	27.24	107.6	37.73	112.9	41.08	117.2	44.09	117.2	44.09	117.2	44.09
	35	69.9	21.01	88.3	29.36	103.6	38.18	105.6	39.59	105.6	39.59	105.6	39.59	105.6	39.59
	37	69.9	22.59	87.4	31.28	94.3	35.31	94.3	35.31	94.3	35.31	94.3	35.31	94.3	35.31
	39	69.9	24.27	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35
	41	68.6	25.39	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59
	43	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26
	46	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94
120	10	64.5	7.32	81.5	9.90	99.7	13.63	107.5	15.74	116.0	18.14	123.4	20.45	129.3	22.39
	12	64.5	7.47	81.5	10.26	99.7	14.68	107.5	16.95	116.0	19.47	123.4	21.94	129.3	23.94
	14	64.5	7.63	81.5	11.00	99.7	15.91	107.5	18.24	116.0	21.02	123.4	23.73	129.3	25.91
	16	64.5	8.09	81.5	12.01	99.7	17.28	107.5	19.87	116.0	22.87	123.4	25.62	129.3	27.92
	18	64.5	8.89	81.5	13.19	99.7	18.84	107.5	21.62	116.0	24.72	123.4	27.68	129.3	29.97
	20	64.5	9.82	81.5	14.51	99.7	20.61	107.5	23.55	116.0	26.60	123.4	29.63	129.3	31.90
	21	64.5	10.31	81.5	15.19	99.7	21.51	107.5	24.36	116.0	27.51	123.4	30.56	129.3	33.06
	23	64.5	11.46	81.5	16.80	99.7	23.18	107.5	26.09	116.0	29.46	123.4	32.75	129.3	35.47
	25	64.5	12.76	81.5	18.35	99.7	24.75	107.5	27.90	116.0	31.62	123.4	35.20	129.3	38.22
	27	64.5	14.21	81.5	19.64	99.7	26.59	107.5	29.99	116.0	33.96	123.4	37.96	129.3	41.41
	29	64.5	15.30	81.5	21.07	99.7	28.47	107.5	32.24	116.0	36.74	123.4	41.26	129.3	45.09
	31	64.5	16.40	81.5	22.60	99.7	30.73	107.5	34.86	116.0	39.88	121.4	43.41	125.1	45.89
	33	64.5	17.60	81.5	24.26	99.7	33.15	107.3	37.58	112.6	40.78	117.2	44.09	117.2	44.09
	35	64.5	18.90	81.5	26.03	98.4	35.03	103.3	38.01	105.6	39.59	105.6	39.59	105.6	39.59
	37	64.5	20.23	81.5	28.08	94.3	35.31	94.3	35.31	94.3	35.31	94.3	35.31	94.3	35.31
	39	64.5	21.77	79.4	29.13	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35
	41	64.5	23.35	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59
	43	61.8	23.75	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26
	46	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94
110	10	59.2	6.62	74.7	8.83	91.4	11.73	98.6	13.32	106.3	15.31	113.1	17.34	118.4	18.94
	12	59.2	6.71	74.7	9.00	91.4	12.50	98.6	14.34	106.3	16.51	113.1	18.63	118.4	20.31
	14	59.2	6.86	74.7	9.45	91.4	13.51	98.6	15.55	106.3	17.89	113.1	20.08	118.4	21.90
	16	59.2	7.13	74.7	10.36	91.4	14.73	98.6	16.95	106.3	19.38	113.1	21.77	118.4	23.81
	18	59.2	7.76	74.7	11.32	91.4	16.15	98.6	18.48	106.3	21.15	113.1	23.70	118.4	25.66
	20	59.2	8.55	74.7	12.52	91.4	17.71	98.6	20.25	106.3	23.01	113.1	25.61	118.4	27.58
	21	59.2	8.99	74.7	13.11	91.4	18.56	98.6	21.13	106.3	23.95	113.1	26.49	118.4	28.55
	23	59.2	9.97	74.7	14.56	91.4	20.26	98.6	22.74	106.3	25.61	113.1	28.30	118.4	30.52
	25	59.2	11.19	74.7	16.02	91.4	21.65	98.6	24.32	106.3	27.40	113.1	30.32	118.4	32.76
	27	59.2	12.51	74.7	17.38	91.4	23.24	98.6	26.04	106.3	29.40	113.1	32.57	118.4	35.33
	29	59.2	13.69	74.7	18.65	91.4	24.88	98.6	27.98	106.3	31.61	113.1	35.17	118.4	38.15
	31	59.2	14.72	74.7	19.96	91.4	26.82	98.6	30.12	106.3	34.17	113.1	38.08	118.3	41.39
	33	59.2	15.79	74.7	21.43	91.4	28.83	98.6	32.49	106.3	36.95	110.8	39.68	114.1	41.89
	35	59.2	16.90	74.7	23.04	91.4	31.12	97.7	34.61	102.5	37.54	105.6	39.59	105.6	39.59
	37	59.2	18.14	74.7	24.74	89.3	32.37	93.8	35.00	94.3	35.31	94.3	35.31	94.3	35.31
	39	59.2	19.43	74.7	26.64	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35
	41	59.2	20.87	71.6	26.91	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59
	43	58.5	22.09	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26
	46	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94

7. Capacity Tables

Cooling Capacity (32HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	53.8	5.98	68.0	7.79	83.1	10.13	89.6	11.38	96.6	12.90	102.9	14.42	107.7	15.75
	12	53.8	6.07	68.0	7.95	83.1	10.58	89.6	12.04	96.6	13.82	102.9	15.58	107.7	16.97
	14	53.8	6.19	68.0	8.19	83.1	11.39	89.6	13.06	96.6	15.01	102.9	16.85	107.7	18.32
	16	53.8	6.28	68.0	8.85	83.1	12.42	89.6	14.26	96.6	16.32	102.9	18.28	107.7	19.89
	18	53.8	6.77	68.0	9.71	83.1	13.63	89.6	15.52	96.6	17.80	102.9	19.95	107.7	21.69
	20	53.8	7.40	68.0	10.67	83.1	14.99	89.6	17.04	96.6	19.55	102.9	21.73	107.7	23.56
	21	53.8	7.79	68.0	11.23	83.1	15.69	89.6	17.95	96.6	20.42	102.9	22.68	107.7	24.46
	23	53.8	8.64	68.0	12.40	83.1	17.34	89.6	19.62	96.6	22.06	102.9	24.30	107.7	26.16
	25	53.8	9.67	68.0	13.87	83.1	18.83	89.6	21.07	96.6	23.59	102.9	26.01	107.7	27.97
	27	53.8	10.83	68.0	15.31	83.1	20.22	89.6	22.55	96.6	25.29	102.9	27.93	107.7	30.01
	29	53.8	12.08	68.0	16.35	83.1	21.60	89.6	24.14	96.6	27.18	102.9	29.94	107.7	32.32
	31	53.8	13.11	68.0	17.54	83.1	23.21	89.6	25.98	96.6	29.11	102.9	32.32	107.7	34.94
	33	53.8	14.03	68.0	18.83	83.1	24.99	89.6	27.91	96.6	31.51	102.9	34.95	107.4	37.59
	35	53.8	15.07	68.0	20.16	83.1	26.82	89.6	30.06	96.5	34.02	100.4	36.19	103.4	38.15
	37	53.8	16.16	68.0	21.69	83.1	28.91	88.2	31.70	92.6	34.25	94.3	35.31	94.3	35.31
	39	53.8	17.35	68.0	23.27	80.4	29.66	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35
	41	53.8	18.54	67.4	24.78	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59
	43	53.8	19.95	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26
	46	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94
90	10	48.5	5.37	61.1	6.86	74.7	8.83	80.6	9.75	86.9	10.84	92.5	11.96	96.9	12.94
	12	48.5	5.45	61.1	7.02	74.7	9.00	80.6	10.05	86.9	11.36	92.5	12.77	96.9	13.90
	14	48.5	5.52	61.1	7.11	74.7	9.46	80.6	10.85	86.9	12.37	92.5	13.84	96.9	15.09
	16	48.5	5.65	61.1	7.43	74.7	10.36	80.6	11.81	86.9	13.52	92.5	15.08	96.9	16.34
	18	48.5	5.81	61.1	8.19	74.7	11.33	80.6	12.91	86.9	14.74	92.5	16.48	96.9	17.88
	20	48.5	6.42	61.1	9.03	74.7	12.52	80.6	14.22	86.9	16.19	92.5	18.07	96.9	19.66
	21	48.5	6.71	61.1	9.48	74.7	13.12	80.6	14.89	86.9	17.02	92.5	18.98	96.9	20.46
	23	48.5	7.46	61.1	10.50	74.7	14.56	80.6	16.53	86.9	18.68	92.5	20.67	96.9	22.16
	25	48.5	8.33	61.1	11.71	74.7	16.14	80.6	18.04	86.9	20.15	92.5	22.14	96.9	23.76
	27	48.5	9.29	61.1	13.10	74.7	17.45	80.6	19.40	86.9	21.61	92.5	23.70	96.9	25.41
	29	48.5	10.50	61.1	14.26	74.7	18.70	80.6	20.74	86.9	23.16	92.5	25.41	96.9	27.22
	31	48.5	11.60	61.1	15.31	74.7	19.97	80.6	22.25	86.9	24.84	92.5	27.23	96.9	29.30
	33	48.5	12.44	61.1	16.45	74.7	21.48	80.6	23.89	86.9	26.64	92.5	29.34	96.9	31.55
	35	48.5	13.28	61.1	17.60	74.7	23.04	80.6	25.64	86.9	28.72	92.5	31.77	96.7	34.04
	37	48.5	14.29	61.1	18.87	74.7	24.74	80.6	27.60	86.5	30.87	90.0	32.79	92.8	34.39
	39	48.5	15.33	61.1	20.28	74.7	26.66	78.9	28.76	82.8	30.93	83.5	31.35	83.5	31.35
	41	48.5	16.40	61.1	21.78	71.6	26.92	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59
	43	48.5	17.64	59.7	22.67	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26
	46	46.8	18.87	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94
80	10	43.0	4.82	54.4	6.05	66.4	7.58	71.7	8.32	77.3	9.21	82.2	10.04	86.1	10.70
	12	43.0	4.88	54.4	6.15	66.4	7.74	71.7	8.48	77.3	9.43	82.2	10.38	86.1	11.18
	14	43.0	4.96	54.4	6.25	66.4	7.95	71.7	8.85	77.3	9.99	82.2	11.24	86.1	12.17
	16	43.0	5.02	54.4	6.38	66.4	8.52	71.7	9.63	77.3	11.00	82.2	12.22	86.1	13.26
	18	43.0	5.13	54.4	6.87	66.4	9.35	71.7	10.60	77.3	12.00	82.2	13.35	86.1	14.52
	20	43.0	5.50	54.4	7.54	66.4	10.28	71.7	11.66	77.3	13.24	82.2	14.69	86.1	15.96
	21	43.0	5.73	54.4	7.89	66.4	10.84	71.7	12.24	77.3	13.91	82.2	15.49	86.1	16.74
	23	43.0	6.36	54.4	8.80	66.4	11.97	71.7	13.60	77.3	15.43	82.2	17.03	86.1	18.35
	25	43.0	7.05	54.4	9.80	66.4	13.39	71.7	15.05	77.3	16.97	82.2	18.64	86.1	19.92
	27	43.0	7.90	54.4	10.99	66.4	14.84	71.7	16.42	77.3	18.24	82.2	19.89	86.1	21.28
	29	43.0	8.95	54.4	12.27	66.4	15.89	71.7	17.61	77.3	19.53	82.2	21.35	86.1	22.81
	31	43.0	10.04	54.4	13.26	66.4	17.02	71.7	18.90	77.3	20.97	82.2	22.85	86.1	24.48
	33	43.0	10.89	54.4	14.18	66.4	18.34	71.7	20.23	77.3	22.45	82.2	24.63	86.1	26.26
	35	43.0	11.71	54.4	15.22	66.4	19.63	71.7	21.77	77.3	24.14	82.2	26.42	86.1	28.31
	37	43.0	12.56	54.4	16.32	66.4	21.09	71.7	23.34	77.3	25.98	82.2	28.49	86.0	30.61
	39	43.0	13.41	54.4	17.52	66.4	22.69	71.7	25.07	76.8	27.71	79.9	29.29	82.3	30.65
	41	43.0	14.42	54.4	18.87	66.4	24.31	69.7	25.90	73.0	27.59	73.0	27.59	73.0	27.59
	43	43.0	15.47	54.4	20.20	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26
	46	43.0	17.20	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94

7. Capacity Tables

Cooling Capacity (32HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	37.6	4.31	47.5	5.26	58.2	6.50	62.7	7.08	67.7	7.74	72.0	8.40	75.4	8.91
	12	37.6	4.37	47.5	5.33	58.2	6.62	62.7	7.24	67.7	7.90	72.0	8.57	75.4	9.09
	14	37.6	4.42	47.5	5.45	58.2	6.71	62.7	7.35	67.7	8.13	72.0	8.90	75.4	9.62
	16	37.6	4.48	47.5	5.52	58.2	6.95	62.7	7.76	67.7	8.75	72.0	9.70	75.4	10.50
	18	37.6	4.53	47.5	5.73	58.2	7.60	62.7	8.53	67.7	9.60	72.0	10.65	75.4	11.47
	20	37.6	4.71	47.5	6.24	58.2	8.33	62.7	9.39	67.7	10.59	72.0	11.69	75.4	12.67
	21	37.6	4.91	47.5	6.57	58.2	8.76	62.7	9.86	67.7	11.12	72.0	12.36	75.4	13.32
	23	37.6	5.38	47.5	7.24	58.2	9.71	62.7	10.95	67.7	12.37	72.0	13.67	75.4	14.77
	25	37.6	5.96	47.5	8.10	58.2	10.91	62.7	12.23	67.7	13.73	72.0	15.19	75.4	16.31
	27	37.6	6.62	47.5	9.09	58.2	12.19	62.7	13.61	67.7	15.17	72.0	16.55	75.4	17.61
	29	37.6	7.51	47.5	10.28	58.2	13.42	62.7	14.80	67.7	16.32	72.0	17.71	75.4	18.87
	31	37.6	8.54	47.5	11.36	58.2	14.42	62.7	15.81	67.7	17.48	72.0	18.97	75.4	20.20
	33	37.6	9.48	47.5	12.18	58.2	15.48	62.7	16.93	67.7	18.73	72.0	20.39	75.4	21.67
	35	37.6	10.17	47.5	13.01	58.2	16.59	62.7	18.24	67.7	20.13	72.0	21.79	75.4	23.29
	37	37.6	10.90	47.5	14.00	58.2	17.80	62.7	19.53	67.7	21.52	72.0	23.51	75.4	25.11
	39	37.6	11.66	47.5	15.03	58.2	19.07	62.7	20.99	67.7	23.14	72.0	25.25	75.4	26.94
	41	37.6	12.52	47.5	16.09	58.2	20.50	62.7	22.57	67.2	24.66	69.9	26.02	72.0	27.06
	43	37.6	13.49	47.5	17.31	57.9	21.85	60.7	23.15	63.0	24.26	63.0	24.26	63.0	24.26
	46	37.6	14.98	46.2	18.65	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	37.0	15.81	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94
60	10	32.3	3.85	40.8	4.59	49.9	5.52	53.8	5.98	57.9	6.47	61.7	6.94	64.6	7.32
	12	32.3	3.91	40.8	4.65	49.9	5.58	53.8	6.05	57.9	6.57	61.7	7.08	64.6	7.47
	14	32.3	3.95	40.8	4.73	49.9	5.71	53.8	6.19	57.9	6.71	61.7	7.19	64.6	7.63
	16	32.3	4.00	40.8	4.78	49.9	5.80	53.8	6.28	57.9	6.95	61.7	7.55	64.6	8.14
	18	32.3	4.05	40.8	4.88	49.9	6.08	53.8	6.77	57.9	7.54	61.7	8.30	64.6	8.89
	20	32.3	4.10	40.8	5.15	49.9	6.67	53.8	7.40	57.9	8.32	61.7	9.15	64.6	9.88
	21	32.3	4.19	40.8	5.37	49.9	7.02	53.8	7.78	57.9	8.74	61.7	9.61	64.6	10.37
	23	32.3	4.53	40.8	5.95	49.9	7.80	53.8	8.64	57.9	9.69	61.7	10.63	64.6	11.47
	25	32.3	4.98	40.8	6.58	49.9	8.65	53.8	9.67	57.9	10.79	61.7	11.93	64.6	12.77
	27	32.3	5.52	40.8	7.34	49.9	9.70	53.8	10.83	57.9	12.11	61.7	13.30	64.6	14.21
	29	32.3	6.22	40.8	8.33	49.9	10.93	53.8	12.08	57.9	13.37	61.7	14.52	64.6	15.38
	31	32.3	7.10	40.8	9.44	49.9	11.99	53.8	13.11	57.9	14.30	61.7	15.50	64.6	16.41
	33	32.3	8.10	40.8	10.33	49.9	12.86	53.8	14.03	57.9	15.35	61.7	16.61	64.6	17.69
	35	32.3	8.79	40.8	11.06	49.9	13.76	53.8	15.07	57.9	16.49	61.7	17.83	64.6	18.91
	37	32.3	9.35	40.8	11.83	49.9	14.79	53.8	16.16	57.9	17.65	61.7	19.13	64.6	20.24
	39	32.3	10.03	40.8	12.69	49.9	15.86	53.8	17.35	57.9	19.00	61.7	20.47	64.6	21.78
	41	32.3	10.80	40.8	13.66	49.9	16.99	53.8	18.54	57.9	20.35	61.7	22.03	64.6	23.42
	43	32.3	11.57	40.8	14.61	49.9	18.22	53.8	19.95	57.7	21.75	60.1	22.90	61.9	23.75
	46	32.3	12.92	40.8	16.25	47.7	19.30	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	32.3	13.85	39.0	16.63	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94
50	10	26.9	3.46	33.9	4.00	41.6	4.67	44.8	5.00	48.3	5.33	51.4	5.71	53.8	5.98
	12	26.9	3.46	33.9	4.05	41.6	4.73	44.8	5.08	48.3	5.45	51.4	5.78	53.8	6.07
	14	26.9	3.50	33.9	4.10	41.6	4.82	44.8	5.15	48.3	5.52	51.4	5.88	53.8	6.19
	16	26.9	3.55	33.9	4.15	41.6	4.88	44.8	5.20	48.3	5.65	51.4	5.98	53.8	6.30
	18	26.9	3.57	33.9	4.21	41.6	4.96	44.8	5.36	48.3	5.81	51.4	6.35	53.8	6.77
	20	26.9	3.62	33.9	4.28	41.6	5.26	44.8	5.78	48.3	6.37	51.4	6.96	53.8	7.48
	21	26.9	3.64	33.9	4.39	41.6	5.53	44.8	6.08	48.3	6.71	51.4	7.33	53.8	7.79
	23	26.9	3.83	33.9	4.78	41.6	6.06	44.8	6.70	48.3	7.42	51.4	8.14	53.8	8.68
	25	26.9	4.15	33.9	5.28	41.6	6.78	44.8	7.46	48.3	8.23	51.4	9.03	53.8	9.67
	27	26.9	4.58	33.9	5.86	41.6	7.54	44.8	8.33	48.3	9.25	51.4	10.13	53.8	10.84
	29	26.9	5.11	33.9	6.63	41.6	8.54	44.8	9.43	48.3	10.49	51.4	11.42	53.8	12.09
	31	26.9	5.79	33.9	7.53	41.6	9.63	44.8	10.59	48.3	11.54	51.4	12.44	53.8	13.12
	33	26.9	6.64	33.9	8.60	41.6	10.46	44.8	11.39	48.3	12.40	51.4	13.28	53.8	14.03
	35	26.9	7.45	33.9	9.16	41.6	11.25	44.8	12.18	48.3	13.28	51.4	14.28	53.8	15.07
	37	26.9	7.98	33.9	9.83	41.6	12.10	44.8	13.12	48.3	14.28	51.4	15.25	53.8	16.16
	39	26.9	8.54	33.9	10.59	41.6	12.97	44.8	14.04	48.3	15.25	51.4	16.40	53.8	17.35
	41	26.9	9.19	33.9	11.34	41.6	13.88	44.8	15.08	48.3	16.35	51.4	17.64	53.8	18.61
	43	26.9	9.88	33.9	12.14	41.6	14.92	44.8	16.17	48.3	17.56	51.4	18.90	53.8	20.00
	46	26.9	10.93	33.9	13.53	41.6	16.62	44.5	17.90	46.7	18.86	48.6	19.66	48.6	19.66
	48	26.9	11.80	33.9	14.48	39.5	16.84	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM340LTE5

Cooling Capacity (34HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	74.3	8.53	93.8	11.92	114.8	16.73	123.8	19.34	133.4	22.40	142.1	25.28	148.7	27.60
	12	74.3	8.75	93.8	12.24	114.8	17.86	123.8	20.63	133.4	23.80	142.1	26.88	148.2	29.09
	14	74.3	8.92	93.8	13.23	114.8	19.19	123.8	22.09	133.4	25.54	142.1	28.71	147.5	30.83
	16	74.3	9.52	93.8	14.34	114.8	20.77	123.8	23.87	133.4	27.55	142.1	30.92	146.7	32.82
	18	74.3	10.43	93.8	15.67	114.8	22.52	123.8	25.92	133.4	29.83	141.8	33.17	145.8	34.76
	20	74.3	11.55	93.8	17.15	114.8	24.64	123.8	28.17	133.4	31.86	140.9	34.87	144.8	36.54
	21	74.3	12.12	93.8	17.96	114.8	25.61	123.8	29.10	133.4	32.84	140.4	35.70	144.3	37.53
	23	74.3	13.40	93.8	19.92	114.8	27.51	123.8	30.93	133.4	35.03	139.3	37.70	143.2	39.64
	25	74.3	14.95	93.8	21.67	114.8	29.30	123.8	33.07	133.2	37.36	138.2	39.87	142.0	42.07
	27	74.3	16.68	93.8	23.15	114.8	31.37	123.8	35.47	132.0	39.52	136.9	42.45	140.7	44.83
	29	74.3	17.96	93.8	24.71	114.8	33.61	123.8	38.21	130.7	41.99	135.6	45.28	138.7	47.50
	31	74.3	19.15	93.8	26.42	114.8	36.20	123.8	41.22	129.4	44.80	134.3	48.52	135.1	49.23
	33	74.3	20.45	93.8	28.30	114.8	39.08	122.5	43.98	126.6	46.95	126.3	46.91	126.3	46.91
	35	74.3	21.90	93.8	30.41	114.8	42.43	117.8	44.60	117.7	44.59	117.7	44.59	117.7	44.59
	37	74.3	23.48	93.8	32.78	108.9	42.24	108.9	42.24	108.9	42.24	108.9	42.24	108.9	42.24
	39	74.3	25.16	93.6	35.35	96.5	37.25	96.5	37.25	96.5	37.25	96.5	37.25	96.5	37.25
	41	74.3	27.11	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60
	43	72.1	27.93	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33
	46	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69
	48	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34
120	10	68.5	7.73	86.6	10.60	105.9	14.45	114.2	16.59	123.2	19.18	131.1	21.67	137.3	23.67
	12	68.5	7.88	86.6	10.84	105.9	15.35	114.2	17.78	123.2	20.46	131.1	23.03	137.3	25.12
	14	68.5	8.08	86.6	11.41	105.9	16.57	114.2	19.03	123.2	21.91	131.1	24.74	137.3	26.94
	16	68.5	8.32	86.6	12.43	105.9	17.92	114.2	20.59	123.2	23.69	131.1	26.55	137.3	29.03
	18	68.5	9.13	86.6	13.58	105.9	19.46	114.2	22.34	123.2	25.64	131.1	28.84	137.3	31.35
	20	68.5	10.06	86.6	14.92	105.9	21.26	114.2	24.44	123.2	27.83	131.1	31.02	137.3	33.35
	21	68.5	10.60	86.6	15.66	105.9	22.30	114.2	25.42	123.2	28.82	131.1	31.93	137.3	34.47
	23	68.5	11.79	86.6	17.30	105.9	24.31	114.2	27.33	123.2	30.74	131.1	34.06	136.6	36.37
	25	68.5	13.13	86.6	19.18	105.9	25.86	114.2	29.11	123.2	32.85	131.1	36.38	135.4	38.45
	27	68.5	14.76	86.6	20.61	105.9	27.68	114.2	31.11	123.2	35.14	130.6	38.82	134.2	40.81
	29	68.5	16.13	86.6	22.04	105.9	29.54	114.2	33.39	123.2	37.80	129.3	41.23	132.9	43.38
	31	68.5	17.27	86.6	23.56	105.9	31.78	114.2	35.90	123.2	40.88	128.0	43.97	131.6	46.43
	33	68.5	18.43	86.6	25.22	105.9	34.18	114.2	38.77	122.2	43.68	126.6	46.96	126.4	46.93
	35	68.5	19.78	86.6	26.98	105.9	36.87	114.2	42.08	117.8	44.61	117.7	44.59	117.7	44.59
	37	68.5	21.11	86.6	29.02	105.7	39.92	108.9	42.24	108.9	42.24	108.9	42.24	108.9	42.24
	39	68.5	22.66	86.6	31.38	96.5	37.25	96.5	37.25	96.5	37.25	96.5	37.25	96.5	37.25
	41	68.5	24.29	83.8	32.17	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60
	43	68.5	26.14	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33
	46	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69
	48	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34
110	10	62.9	6.97	79.4	9.40	97.1	12.53	104.7	14.11	112.9	16.18	120.2	18.27	125.8	20.04
	12	62.9	7.07	79.4	9.58	97.1	13.03	104.7	15.01	112.9	17.34	120.2	19.52	125.8	21.35
	14	62.9	7.22	79.4	9.85	97.1	14.06	104.7	16.21	112.9	18.64	120.2	20.97	125.8	22.83
	16	62.9	7.38	79.4	10.66	97.1	15.29	104.7	17.55	112.9	20.10	120.2	22.56	125.8	24.66
	18	62.9	7.93	79.4	11.68	97.1	16.66	104.7	19.11	112.9	21.83	120.2	24.52	125.8	26.68
	20	62.9	8.76	79.4	12.90	97.1	18.26	104.7	20.83	112.9	23.88	120.2	26.72	125.8	28.87
	21	62.9	9.25	79.4	13.51	97.1	19.06	104.7	21.85	112.9	24.98	120.2	27.77	125.8	29.90
	23	62.9	10.27	79.4	14.98	97.1	21.10	104.7	23.86	112.9	26.80	120.2	29.55	125.8	31.77
	25	62.9	11.50	79.4	16.60	97.1	22.72	104.7	25.44	112.9	28.56	120.2	31.53	125.8	33.95
	27	62.9	12.90	79.4	18.28	97.1	24.30	104.7	27.15	112.9	30.53	120.2	33.74	125.8	36.47
	29	62.9	14.44	79.4	19.60	97.1	25.92	104.7	29.07	112.9	32.72	120.2	36.29	125.8	39.23
	31	62.9	15.52	79.4	20.92	97.1	27.85	104.7	31.19	112.9	35.24	120.2	39.15	125.0	41.97
	33	62.9	16.60	79.4	22.39	97.1	29.85	104.7	33.53	112.9	37.98	120.2	42.40	123.7	44.78
	35	62.9	17.77	79.4	24.00	97.1	32.12	104.7	36.19	112.9	41.24	117.9	44.62	117.7	44.59
	37	62.9	18.96	79.4	25.70	97.1	34.68	104.7	39.25	108.6	42.03	108.9	42.24	108.9	42.24
	39	62.9	20.25	79.4	27.60	95.0	36.23	96.5	37.25	96.5	37.25	96.5	37.25	96.5	37.25
	41	62.9	21.75	79.4	29.70	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60
	43	62.9	23.34	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33
	46	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69
	48	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34

7. Capacity Tables

Cooling Capacity (34HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	57.1	6.25	72.2	8.25	88.3	10.88	95.2	12.17	102.7	13.71	109.3	15.24	114.4	16.60
	12	57.1	6.35	72.2	8.45	88.3	11.17	95.2	12.61	102.7	14.43	109.3	16.30	114.4	17.80
	14	57.1	6.49	72.2	8.62	88.3	11.80	95.2	13.57	102.7	15.61	109.3	17.55	114.4	19.12
	16	57.1	6.59	72.2	9.07	88.3	12.84	95.2	14.77	102.7	16.92	109.3	18.96	114.4	20.66
	18	57.1	6.88	72.2	9.99	88.3	14.07	95.2	16.04	102.7	18.39	109.3	20.60	114.4	22.36
	20	57.1	7.57	72.2	10.98	88.3	15.44	95.2	17.56	102.7	20.11	109.3	22.49	114.4	24.46
	21	57.1	7.98	72.2	11.52	88.3	16.19	95.2	18.46	102.7	21.10	109.3	23.58	114.4	25.52
	23	57.1	8.91	72.2	12.77	88.3	17.87	95.2	20.37	102.7	23.08	109.3	25.46	114.4	27.34
	25	57.1	9.95	72.2	14.27	88.3	19.75	95.2	22.15	102.7	24.68	109.3	27.15	114.4	29.12
	27	57.1	11.17	72.2	16.00	88.3	21.22	95.2	23.57	102.7	26.36	109.3	29.04	114.4	31.19
	29	57.1	12.64	72.2	17.24	88.3	22.60	95.2	25.20	102.7	28.23	109.3	31.04	114.4	33.41
	31	57.1	13.90	72.2	18.39	88.3	24.16	95.2	27.04	102.7	30.20	109.3	33.38	114.4	35.99
	33	57.1	14.78	72.2	19.74	88.3	25.94	95.2	28.89	102.7	32.52	109.3	35.98	114.4	38.85
	35	57.1	15.87	72.2	21.07	88.3	27.81	95.2	31.04	102.7	35.09	109.3	38.90	114.4	42.23
	37	57.1	16.96	72.2	22.60	88.3	29.90	95.2	33.53	102.7	37.95	107.1	40.86	108.9	42.24
	39	57.1	18.16	72.2	24.18	88.3	32.25	94.2	35.70	96.5	37.25	96.5	37.25	96.5	37.25
	41	57.1	19.35	72.2	26.06	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60
	43	57.1	20.81	71.2	27.40	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33
	46	55.6	22.28	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69
	48	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34
90	10	51.5	5.58	64.9	7.22	79.4	9.40	85.7	10.40	92.3	11.62	98.3	12.79	103.0	13.71
	12	51.5	5.68	64.9	7.38	79.4	9.58	85.7	10.64	92.3	11.92	98.3	13.33	103.0	14.56
	14	51.5	5.74	64.9	7.48	79.4	9.86	85.7	11.22	92.3	12.84	98.3	14.40	103.0	15.70
	16	51.5	5.88	64.9	7.65	79.4	10.66	85.7	12.23	92.3	13.99	98.3	15.63	103.0	16.99
	18	51.5	5.97	64.9	8.39	79.4	11.69	85.7	13.31	92.3	15.22	98.3	17.03	103.0	18.47
	20	51.5	6.56	64.9	9.27	79.4	12.90	85.7	14.64	92.3	16.68	98.3	18.62	103.0	20.27
	21	51.5	6.87	64.9	9.74	79.4	13.51	85.7	15.36	92.3	17.55	98.3	19.55	103.0	21.15
	23	51.5	7.63	64.9	10.80	79.4	14.98	85.7	16.97	92.3	19.33	98.3	21.54	103.0	23.19
	25	51.5	8.55	64.9	12.05	79.4	16.72	85.7	18.85	92.3	21.14	98.3	23.20	103.0	24.84
	27	51.5	9.60	64.9	13.57	79.4	18.36	85.7	20.37	92.3	22.60	98.3	24.80	103.0	26.52
	29	51.5	10.87	64.9	15.10	79.4	19.61	85.7	21.71	92.3	24.18	98.3	26.44	103.0	28.32
	31	51.5	12.31	64.9	16.15	79.4	20.92	85.7	23.22	92.3	25.87	98.3	28.31	103.0	30.39
	33	51.5	13.17	64.9	17.25	79.4	22.39	85.7	24.85	92.3	27.66	98.3	30.41	103.0	32.62
	35	51.5	14.06	64.9	18.45	79.4	24.00	85.7	26.60	92.3	29.73	98.3	32.76	103.0	35.19
	37	51.5	15.07	64.9	19.73	79.4	25.70	85.7	28.62	92.3	32.05	98.3	35.37	103.0	38.18
	39	51.5	16.12	64.9	21.14	79.4	27.62	85.7	30.78	92.3	34.52	95.5	36.52	96.5	37.25
	41	51.5	17.15	64.9	22.69	79.4	29.72	83.4	31.92	84.4	32.60	84.4	32.60	84.4	32.60
	43	51.5	18.44	64.9	24.28	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33
	46	51.5	20.41	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69
	48	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34
80	10	45.7	5.00	57.8	6.32	70.6	8.00	76.2	8.83	82.1	9.81	87.4	10.74	91.5	11.47
	12	45.7	5.06	57.8	6.42	70.6	8.17	76.2	9.04	82.1	10.03	87.4	10.98	91.5	11.72
	14	45.7	5.11	57.8	6.56	70.6	8.37	76.2	9.22	82.1	10.34	87.4	11.65	91.5	12.63
	16	45.7	5.20	57.8	6.67	70.6	8.74	76.2	9.92	82.1	11.34	87.4	12.64	91.5	13.72
	18	45.7	5.31	57.8	7.01	70.6	9.60	76.2	10.92	82.1	12.40	87.4	13.79	91.5	15.00
	20	45.7	5.59	57.8	7.71	70.6	10.59	76.2	12.01	82.1	13.67	87.4	15.15	91.5	16.45
	21	45.7	5.85	57.8	8.12	70.6	11.13	76.2	12.60	82.1	14.31	87.4	15.95	91.5	17.22
	23	45.7	6.50	57.8	9.04	70.6	12.34	76.2	13.99	82.1	15.84	87.4	17.54	91.5	18.99
	25	45.7	7.24	57.8	10.09	70.6	13.79	76.2	15.52	82.1	17.65	87.4	19.50	91.5	20.92
	27	45.7	8.18	57.8	11.37	70.6	15.48	76.2	17.24	82.1	19.18	87.4	20.90	91.5	22.27
	29	45.7	9.30	57.8	12.81	70.6	16.75	76.2	18.49	82.1	20.47	87.4	22.36	91.5	23.85
	31	45.7	10.56	57.8	14.04	70.6	17.88	76.2	19.83	82.1	21.91	87.4	23.81	91.5	25.51
	33	45.7	11.56	57.8	14.97	70.6	19.20	76.2	21.16	82.1	23.39	87.4	25.58	91.5	27.28
	35	45.7	12.43	57.8	16.02	70.6	20.50	76.2	22.65	82.1	25.14	87.4	27.42	91.5	29.32
	37	45.7	13.24	57.8	17.12	70.6	22.01	76.2	24.27	82.1	26.91	87.4	29.43	91.5	31.62
	39	45.7	14.14	57.8	18.32	70.6	23.56	76.2	26.00	82.1	28.96	87.4	31.71	91.5	34.06
	41	45.7	15.15	57.8	19.67	70.6	25.24	76.2	28.00	81.9	31.02	84.1	32.35	84.4	32.60
	43	45.7	16.20	57.8	21.00	70.6	27.09	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33
	46	45.7	17.93	55.9	22.42	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69
	48	44.9	18.94	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34

7. Capacity Tables

Cooling Capacity (34HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	40.0	4.42	50.5	5.48	61.8	6.82	66.6	7.48	71.9	8.20	76.5	8.92	80.1	9.49
	12	40.0	4.49	50.5	5.54	61.8	6.97	66.6	7.65	71.9	8.37	76.5	9.10	80.1	9.71
	14	40.0	4.56	50.5	5.68	61.8	7.07	66.6	7.76	71.9	8.53	76.5	9.31	80.1	9.96
	16	40.0	4.62	50.5	5.74	61.8	7.22	66.6	7.99	71.9	9.01	76.5	10.00	80.1	10.83
	18	40.0	4.68	50.5	5.88	61.8	7.77	66.6	8.74	71.9	9.88	76.5	10.97	80.1	11.83
	20	40.0	4.76	50.5	6.38	61.8	8.53	66.6	9.63	71.9	10.87	76.5	12.04	80.1	13.05
	21	40.0	4.99	50.5	6.72	61.8	8.98	66.6	10.16	71.9	11.44	76.5	12.72	80.1	13.72
	23	40.0	5.49	50.5	7.41	61.8	10.01	66.6	11.25	71.9	12.74	76.5	14.06	80.1	15.19
	25	40.0	6.11	50.5	8.32	61.8	11.22	66.6	12.61	71.9	14.12	76.5	15.67	80.1	16.90
	27	40.0	6.86	50.5	9.40	61.8	12.59	66.6	14.12	71.9	15.89	76.5	17.39	80.1	18.56
	29	40.0	7.80	50.5	10.65	61.8	14.13	66.6	15.63	71.9	17.17	76.5	18.63	80.1	19.77
	31	40.0	8.90	50.5	12.04	61.8	15.23	66.6	16.64	71.9	18.33	76.5	19.89	80.1	21.10
	33	40.0	10.14	50.5	12.91	61.8	16.30	66.6	17.77	71.9	19.59	76.5	21.32	80.1	22.63
	35	40.0	10.83	50.5	13.75	61.8	17.41	66.6	19.08	71.9	20.99	76.5	22.72	80.1	24.19
	37	40.0	11.56	50.5	14.74	61.8	18.62	66.6	20.38	71.9	22.44	76.5	24.44	80.1	26.00
	39	40.0	12.37	50.5	15.78	61.8	19.90	66.6	21.89	71.9	24.00	76.5	26.18	80.1	27.89
	41	40.0	13.18	50.5	16.84	61.8	21.33	66.6	23.42	71.9	25.87	76.5	28.19	80.1	30.01
	43	40.0	14.15	50.5	18.06	61.8	22.89	66.6	25.11	71.1	27.32	72.9	28.33	72.9	28.33
	46	40.0	15.69	50.5	20.00	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69
	48	40.0	16.78	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34
60	10	34.3	3.93	43.3	4.74	53.0	5.74	57.1	6.25	61.6	6.82	65.6	7.30	68.7	7.73
	12	34.3	3.99	43.3	4.81	53.0	5.84	57.1	6.35	61.6	6.92	65.6	7.45	68.7	7.92
	14	34.3	4.04	43.3	4.88	53.0	5.97	57.1	6.49	61.6	7.07	65.6	7.57	68.7	8.08
	16	34.3	4.09	43.3	4.93	53.0	6.04	57.1	6.59	61.6	7.22	65.6	7.79	68.7	8.37
	18	34.3	4.14	43.3	5.06	53.0	6.22	57.1	6.88	61.6	7.71	65.6	8.51	68.7	9.13
	20	34.3	4.19	43.3	5.23	53.0	6.80	57.1	7.57	61.6	8.53	65.6	9.39	68.7	10.16
	21	34.3	4.24	43.3	5.46	53.0	7.18	57.1	7.97	61.6	8.97	65.6	9.87	68.7	10.67
	23	34.3	4.61	43.3	6.06	53.0	8.00	57.1	8.91	61.6	9.96	65.6	10.97	68.7	11.80
	25	34.3	5.10	43.3	6.76	53.0	8.90	57.1	9.95	61.6	11.14	65.6	12.27	68.7	13.14
	27	34.3	5.70	43.3	7.59	53.0	10.01	57.1	11.17	61.6	12.46	65.6	13.75	68.7	14.77
	29	34.3	6.46	43.3	8.64	53.0	11.32	57.1	12.64	61.6	14.08	65.6	15.31	68.7	16.20
	31	34.3	7.42	43.3	9.89	53.0	12.75	57.1	13.90	61.6	15.11	65.6	16.29	68.7	17.28
	33	34.3	8.57	43.3	11.01	53.0	13.63	57.1	14.78	61.6	16.17	65.6	17.45	68.7	18.51
	35	34.3	9.44	43.3	11.75	53.0	14.49	57.1	15.87	61.6	17.31	65.6	18.63	68.7	19.79
	37	34.3	10.03	43.3	12.56	53.0	15.52	57.1	16.96	61.6	18.48	65.6	19.99	68.7	21.12
	39	34.3	10.72	43.3	13.38	53.0	16.64	57.1	18.16	61.6	19.83	65.6	21.38	68.7	22.67
	41	34.3	11.45	43.3	14.36	53.0	17.77	57.1	19.35	61.6	21.18	65.6	22.89	68.7	24.31
	43	34.3	12.22	43.3	15.30	53.0	19.00	57.1	20.81	61.6	22.73	65.6	24.64	68.7	26.14
	46	34.3	13.57	43.3	16.99	53.0	21.11	55.6	22.28	56.4	22.69	56.4	22.69	56.4	22.69
	48	34.3	14.50	43.3	18.20	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34
50	10	28.6	3.49	36.1	4.09	44.2	4.81	47.6	5.18	51.3	5.54	54.6	5.94	57.2	6.25
	12	28.6	3.51	36.1	4.14	44.2	4.88	47.6	5.27	51.3	5.68	54.6	6.04	57.2	6.35
	14	28.6	3.55	36.1	4.19	44.2	4.97	47.6	5.33	51.3	5.74	54.6	6.14	57.2	6.49
	16	28.6	3.60	36.1	4.24	44.2	5.06	47.6	5.41	51.3	5.88	54.6	6.28	57.2	6.59
	18	28.6	3.62	36.1	4.30	44.2	5.11	47.6	5.52	51.3	5.97	54.6	6.47	57.2	6.91
	20	28.6	3.67	36.1	4.37	44.2	5.34	47.6	5.89	51.3	6.48	54.6	7.10	57.2	7.66
	21	28.6	3.69	36.1	4.44	44.2	5.63	47.6	6.20	51.3	6.84	54.6	7.49	57.2	8.01
	23	28.6	3.86	36.1	4.86	44.2	6.20	47.6	6.84	51.3	7.62	54.6	8.34	57.2	8.92
	25	28.6	4.22	36.1	5.41	44.2	6.96	47.6	7.68	51.3	8.49	54.6	9.28	57.2	9.95
	27	28.6	4.69	36.1	6.04	44.2	7.82	47.6	8.61	51.3	9.56	54.6	10.47	57.2	11.18
	29	28.6	5.29	36.1	6.91	44.2	8.85	47.6	9.78	51.3	10.86	54.6	11.88	57.2	12.65
	31	28.6	6.04	36.1	7.86	44.2	10.11	47.6	11.15	51.3	12.25	54.6	13.19	57.2	13.91
	33	28.6	7.01	36.1	9.12	44.2	11.18	47.6	12.10	51.3	13.17	54.6	14.04	57.2	14.82
	35	28.6	8.04	36.1	9.83	44.2	11.93	47.6	12.89	51.3	14.02	54.6	15.04	57.2	15.87
	37	28.6	8.61	36.1	10.51	44.2	12.83	47.6	13.83	51.3	15.02	54.6	16.07	57.2	16.96
	39	28.6	9.13	36.1	11.23	44.2	13.66	47.6	14.76	51.3	16.04	54.6	17.17	57.2	18.16
	41	28.6	9.78	36.1	11.98	44.2	14.57	47.6	15.80	51.3	17.15	54.6	18.46	57.2	19.42
	43	28.6	10.47	36.1	12.83	44.2	15.61	47.6	16.94	51.3	18.35	54.6	19.73	57.2	20.81
	46	28.6	11.56	36.1	14.22	44.2	17.31	47.6	18.75	51.3	20.40	54.6	21.80	55.7	22.34
	48	28.6	12.43	36.1	15.16	44.2	18.53	45.7	19.27	45.9	19.34	45.9	19.34	45.9	19.34

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM360LTE5

Cooling Capacity (36HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	78.7	9.47	99.4	13.48	121.5	19.32	131.0	22.31	138.4	24.61	143.7	26.24	147.7	27.59
	12	78.7	9.70	99.4	14.04	121.5	20.57	131.0	23.75	137.7	25.87	143.0	27.66	147.0	29.08
	14	78.7	9.99	99.4	15.19	121.5	22.06	131.0	25.42	137.0	27.42	142.2	29.23	146.1	30.82
	16	78.7	10.82	99.4	16.39	121.5	23.85	130.3	27.09	136.1	29.22	141.2	31.15	145.2	32.80
	18	78.7	11.84	99.4	17.88	121.5	25.88	129.4	29.03	135.1	31.27	140.2	33.14	144.1	34.73
	20	78.7	13.06	99.4	19.57	121.5	28.07	128.4	30.67	134.1	32.75	139.2	34.82	143.0	36.48
	21	78.7	13.73	99.4	20.47	121.5	28.99	127.9	31.41	133.6	33.53	138.6	35.64	142.4	37.47
	23	78.7	15.14	99.4	22.52	121.5	30.97	126.8	32.95	132.4	35.29	137.4	37.63	141.1	39.56
	25	78.7	16.90	99.4	24.13	120.4	32.53	125.6	34.71	131.2	37.28	136.1	39.78	139.8	41.97
	27	78.7	18.51	99.4	25.83	119.2	34.28	124.4	36.68	129.8	39.43	134.7	42.34	138.4	44.71
	29	78.7	19.81	99.4	27.66	117.9	36.16	123.0	38.81	128.4	41.87	133.2	45.14	136.4	47.38
	31	78.7	21.14	99.4	29.68	116.6	38.27	121.6	41.11	127.0	44.66	132.1	48.41	133.1	49.15
	33	78.7	22.65	99.4	31.85	115.1	40.52	120.3	43.85	124.6	46.86	124.6	46.86	124.6	46.86
	35	78.7	24.29	99.4	34.45	113.9	43.12	115.9	44.53	115.9	44.53	115.9	44.53	115.9	44.53
	37	78.7	26.14	99.4	37.45	107.1	42.17	107.1	42.17	107.1	42.17	107.1	42.17	107.1	42.17
	39	78.7	28.06	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11
	41	78.5	30.27	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47
	43	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22
	46	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31
120	10	72.6	8.54	91.7	11.87	112.2	16.57	121.0	19.17	130.5	22.14	137.0	24.19	140.8	25.35
	12	72.6	8.70	91.7	12.24	112.2	17.66	121.0	20.42	130.5	23.52	136.3	25.43	140.1	26.64
	14	72.6	8.91	91.7	13.08	112.2	19.02	121.0	21.84	130.5	25.16	135.5	26.95	139.3	28.24
	16	72.6	9.43	91.7	14.18	112.2	20.55	121.0	23.66	130.0	26.98	134.7	28.64	138.4	30.09
	18	72.6	10.36	91.7	15.53	112.2	22.31	121.0	25.63	129.1	28.83	133.7	30.68	137.4	32.08
	20	72.6	11.41	91.7	17.00	112.2	24.38	121.0	27.87	128.1	30.47	132.7	32.27	136.4	33.60
	21	72.6	11.96	91.7	17.81	112.2	25.39	121.0	28.74	127.6	31.20	132.2	33.04	135.8	34.50
	23	72.6	13.30	91.7	19.68	112.2	27.27	121.0	30.78	126.5	32.83	131.0	34.76	134.6	36.30
	25	72.6	14.82	91.7	21.45	112.2	29.04	120.1	32.42	125.3	34.57	129.8	36.62	133.4	38.37
	27	72.6	16.55	91.7	22.89	112.2	31.17	118.9	34.16	124.1	36.44	128.5	38.72	132.0	40.70
	29	72.6	17.77	91.7	24.49	112.2	33.46	117.6	36.03	122.7	38.56	127.1	41.12	130.6	43.25
	31	72.6	18.99	91.7	26.27	111.6	35.77	116.3	38.13	121.3	40.94	125.6	43.83	129.3	46.31
	33	72.6	20.29	91.7	28.22	110.2	37.76	114.9	40.38	120.0	43.55	124.6	46.86	124.6	46.86
	35	72.6	21.84	91.7	30.31	108.8	39.98	113.6	42.95	115.9	44.53	115.9	44.53	115.9	44.53
	37	72.6	23.35	91.7	32.81	107.1	42.17	107.1	42.17	107.1	42.17	107.1	42.17	107.1	42.17
	39	72.6	25.09	90.7	34.89	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11
	41	72.6	27.02	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47
	43	70.3	27.71	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22
	46	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31
110	10	66.6	7.63	84.1	10.47	102.8	14.18	110.9	16.18	119.5	18.71	127.3	21.11	133.2	23.11
	12	66.6	7.77	84.1	10.71	102.8	15.00	110.9	17.29	119.5	19.95	127.3	22.51	133.1	24.46
	14	66.6	7.93	84.1	11.18	102.8	16.12	110.9	18.63	119.5	21.42	127.3	24.09	132.4	25.85
	16	66.6	8.23	84.1	12.18	102.8	17.50	110.9	20.14	119.5	23.08	127.3	25.92	131.5	27.54
	18	66.6	8.94	84.1	13.29	102.8	19.05	110.9	21.87	119.5	25.07	127.3	28.20	130.6	29.43
	20	66.6	9.88	84.1	14.62	102.8	20.83	110.9	23.91	119.5	27.25	126.3	29.90	129.6	31.03
	21	66.6	10.38	84.1	15.33	102.8	21.78	110.9	24.94	119.5	28.29	125.8	30.62	129.1	31.87
	23	66.6	11.53	84.1	17.00	102.8	23.80	110.9	26.70	119.5	30.14	124.7	32.13	128.0	33.43
	25	66.6	12.95	84.1	18.76	102.8	25.41	110.9	28.52	119.4	32.08	123.6	33.83	126.8	35.21
	27	66.6	14.50	84.1	20.26	102.8	27.14	110.9	30.53	118.2	33.81	122.3	35.66	125.5	37.22
	29	66.6	15.90	84.1	21.66	102.8	29.10	110.9	32.86	116.9	35.65	121.0	37.72	124.2	39.39
	31	66.6	16.99	84.1	23.20	102.8	31.31	110.9	35.40	115.5	37.72	119.6	39.93	122.7	41.84
	33	66.6	18.23	84.1	24.85	102.8	33.76	109.6	37.36	114.1	39.94	118.2	42.45	121.5	44.66
	35	66.6	19.48	84.1	26.74	102.8	36.57	108.1	39.57	112.8	42.48	115.9	44.53	115.9	44.53
	37	66.6	20.87	84.1	28.75	102.1	39.23	106.6	41.86	107.1	42.17	107.1	42.17	107.1	42.17
	39	66.6	22.33	84.1	31.01	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11
	41	66.6	24.02	81.5	31.79	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47
	43	66.6	25.88	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22
	46	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31

7. Capacity Tables

Cooling Capacity (36HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	60.5	6.80	76.5	9.13	93.4	12.22	100.8	13.74	108.7	15.67	115.7	17.53	121.1	19.18
	12	60.5	6.90	76.5	9.34	93.4	12.63	100.8	14.46	108.7	16.63	115.7	18.78	121.1	20.49
	14	60.5	7.09	76.5	9.59	93.4	13.55	100.8	15.55	108.7	17.89	115.7	20.13	121.1	21.98
	16	60.5	7.20	76.5	10.33	93.4	14.67	100.8	16.89	108.7	19.37	115.7	21.73	121.1	23.68
	18	60.5	7.72	76.5	11.33	93.4	16.05	100.8	18.34	108.7	21.04	115.7	23.61	121.1	25.70
	20	60.5	8.51	76.5	12.45	93.4	17.61	100.8	20.07	108.7	23.02	115.7	25.74	121.1	27.89
	21	60.5	8.96	76.5	13.04	93.4	18.44	100.8	21.07	108.7	24.08	115.7	26.73	121.1	28.89
	23	60.5	9.97	76.5	14.45	93.4	20.36	100.8	23.03	108.7	25.93	115.7	28.58	121.1	30.79
	25	60.5	11.12	76.5	16.15	93.4	22.06	100.8	24.69	108.7	27.64	115.7	30.55	120.2	32.42
	27	60.5	12.53	76.5	17.80	93.4	23.60	100.8	26.35	108.7	29.61	115.7	32.79	119.0	34.17
	29	60.5	14.04	76.5	19.00	93.4	25.16	100.8	28.20	108.7	31.81	114.8	34.66	117.7	36.04
	31	60.5	15.13	76.5	20.29	93.4	27.04	100.8	30.35	108.7	34.17	113.5	36.67	116.4	38.14
	33	60.5	16.16	76.5	21.78	93.4	29.06	100.8	32.64	108.4	36.83	112.1	38.81	115.0	40.39
	35	60.5	17.32	76.5	23.34	93.4	31.29	100.8	35.29	107.0	38.99	110.7	41.13	113.7	43.09
	37	60.5	18.54	76.5	25.07	93.4	33.85	100.8	38.37	105.4	41.11	107.1	42.17	107.1	42.17
	39	60.5	19.87	76.5	26.93	91.7	35.42	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11
	41	60.5	21.27	76.5	29.15	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47
	43	60.5	22.91	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22
	46	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31
90	10	54.5	6.04	68.8	7.93	84.1	10.47	90.7	11.66	97.8	13.10	104.1	14.50	109.1	15.73
	12	54.5	6.14	68.8	8.13	84.1	10.71	90.7	12.01	97.8	13.63	104.1	15.35	109.1	16.77
	14	54.5	6.24	68.8	8.24	84.1	11.19	90.7	12.87	97.8	14.71	104.1	16.49	109.1	18.04
	16	54.5	6.38	68.8	8.59	84.1	12.18	90.7	13.96	97.8	16.00	104.1	17.88	109.1	19.44
	18	54.5	6.57	68.8	9.48	84.1	13.29	90.7	15.18	97.8	17.35	104.1	19.46	109.1	21.13
	20	54.5	7.31	68.8	10.43	84.1	14.66	90.7	16.69	97.8	19.00	104.1	21.27	109.1	23.19
	21	54.5	7.65	68.8	10.98	84.1	15.33	90.7	17.48	97.8	20.01	104.1	22.36	109.1	24.18
	23	54.5	8.51	68.8	12.18	84.1	17.00	90.7	19.32	97.8	21.94	104.1	24.29	109.1	26.03
	25	54.5	9.55	68.8	13.56	84.1	18.84	90.7	21.08	97.8	23.56	104.1	25.93	109.1	27.81
	27	54.5	10.67	68.8	15.28	84.1	20.33	90.7	22.58	97.8	25.24	104.1	27.74	109.1	29.79
	29	54.5	12.10	68.8	16.53	84.1	21.73	90.7	24.14	97.8	27.04	104.1	29.73	109.1	31.92
	31	54.5	13.39	68.8	17.70	84.1	23.21	90.7	25.90	97.8	28.95	104.1	31.89	109.1	34.38
	33	54.5	14.33	68.8	18.97	84.1	24.91	90.7	27.76	97.8	31.14	104.1	34.45	108.6	36.85
	35	54.5	15.28	68.8	20.27	84.1	26.74	90.7	29.83	97.8	33.62	104.1	37.35	107.2	39.01
	37	54.5	16.39	68.8	21.76	84.1	28.75	90.7	32.23	97.8	36.55	102.8	39.65	105.6	41.25
	39	54.5	17.56	68.8	23.34	84.1	31.09	90.2	34.52	94.1	36.69	94.8	37.11	94.8	37.11
	41	54.5	18.71	68.8	25.09	81.5	31.80	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47
	43	54.5	20.14	68.2	26.63	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22
	46	53.4	21.81	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31
80	10	48.4	5.37	61.2	6.90	74.7	8.86	80.6	9.83	86.9	10.94	92.5	12.02	96.9	12.94
	12	48.4	5.43	61.2	7.02	74.7	9.04	80.6	10.05	86.9	11.23	92.5	12.41	96.9	13.39
	14	48.4	5.52	61.2	7.16	74.7	9.25	80.6	10.40	86.9	11.86	92.5	13.34	96.9	14.49
	16	48.4	5.61	61.2	7.28	74.7	9.93	80.6	11.30	86.9	12.96	92.5	14.45	96.9	15.72
	18	48.4	5.75	61.2	7.86	74.7	10.90	80.6	12.41	86.9	14.11	92.5	15.75	96.9	17.11
	20	48.4	6.18	61.2	8.63	74.7	11.98	80.6	13.61	86.9	15.54	92.5	17.24	96.9	18.75
	21	48.4	6.48	61.2	9.07	74.7	12.57	80.6	14.30	86.9	16.24	92.5	18.13	96.9	19.61
	23	48.4	7.21	61.2	10.11	74.7	13.94	80.6	15.82	86.9	17.99	92.5	20.00	96.9	21.59
	25	48.4	8.03	61.2	11.30	74.7	15.54	80.6	17.57	86.9	19.85	92.5	21.76	96.9	23.31
	27	48.4	9.05	61.2	12.70	74.7	17.25	80.6	19.14	86.9	21.25	92.5	23.21	96.9	24.84
	29	48.4	10.31	61.2	14.20	74.7	18.43	80.6	20.43	86.9	22.70	92.5	24.89	96.9	26.61
	31	48.4	11.61	61.2	15.33	74.7	19.74	80.6	21.92	86.9	24.37	92.5	26.60	96.9	28.57
	33	48.4	12.51	61.2	16.36	74.7	21.21	80.6	23.42	86.9	26.06	92.5	28.67	96.9	30.67
	35	48.4	13.42	61.2	17.53	74.7	22.67	80.6	25.16	86.9	28.04	92.5	30.80	96.9	33.10
	37	48.4	14.37	61.2	18.76	74.7	24.37	80.6	27.06	86.9	30.21	92.5	33.26	96.9	35.92
	39	48.4	15.32	61.2	20.10	74.7	26.19	80.6	29.12	86.9	32.65	91.2	35.05	93.6	36.41
	41	48.4	16.43	61.2	21.61	74.7	28.19	79.6	30.78	82.9	32.47	82.9	32.47	82.9	32.47
	43	48.4	17.61	61.2	23.17	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22
	46	48.4	19.50	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31

7. Capacity Tables

Cooling Capacity (36HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	42.3	4.72	53.5	5.90	65.5	7.47	70.6	8.21	76.1	9.08	81.0	9.92	84.8	10.56
	12	42.3	4.78	53.5	6.00	65.5	7.63	70.6	8.42	76.1	9.25	81.0	10.15	84.8	10.84
	14	42.3	4.86	53.5	6.14	65.5	7.77	70.6	8.54	76.1	9.47	81.0	10.50	84.8	11.36
	16	42.3	4.92	53.5	6.24	65.5	8.00	70.6	8.99	76.1	10.22	81.0	11.38	84.8	12.37
	18	42.3	5.00	53.5	6.45	65.5	8.76	70.6	9.89	76.1	11.21	81.0	12.48	84.8	13.49
	20	42.3	5.20	53.5	7.08	65.5	9.59	70.6	10.90	76.1	12.32	81.0	13.69	84.8	14.82
	21	42.3	5.47	53.5	7.45	65.5	10.12	70.6	11.44	76.1	12.96	81.0	14.43	84.8	15.55
	23	42.3	6.02	53.5	8.28	65.5	11.25	70.6	12.67	76.1	14.37	81.0	15.91	84.8	17.23
	25	42.3	6.71	53.5	9.27	65.5	12.61	70.6	14.21	76.1	16.00	81.0	17.73	84.8	19.06
	27	42.3	7.53	53.5	10.45	65.5	14.12	70.6	15.84	76.1	17.70	81.0	19.23	84.8	20.50
	29	42.3	8.58	53.5	11.86	65.5	15.56	70.6	17.15	76.1	18.92	81.0	20.58	84.8	21.90
	31	42.3	9.81	53.5	13.13	65.5	16.64	70.6	18.27	76.1	20.22	81.0	21.99	84.8	23.45
	33	42.3	10.89	53.5	14.01	65.5	17.86	70.6	19.58	76.1	21.63	81.0	23.59	84.8	25.12
	35	42.3	11.66	53.5	14.94	65.5	19.10	70.6	21.04	76.1	23.25	81.0	25.24	84.8	27.01
	37	42.3	12.48	53.5	16.04	65.5	20.46	70.6	22.50	76.1	24.90	81.0	27.25	84.8	29.14
	39	42.3	13.33	53.5	17.20	65.5	21.90	70.6	24.20	76.1	26.74	81.0	29.31	84.8	31.40
	41	42.3	14.23	53.5	18.33	65.5	23.56	70.6	26.00	76.1	28.87	79.8	30.90	81.9	31.94
	43	42.3	15.30	53.5	19.74	65.5	25.33	69.2	27.11	71.5	28.22	71.5	28.22	71.5	28.22
	46	42.3	16.97	52.8	21.59	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	42.3	18.18	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31
60	10	36.3	4.15	45.9	5.07	56.1	6.24	60.5	6.80	65.2	7.43	69.4	8.05	72.7	8.54
	12	36.3	4.21	45.9	5.15	56.1	6.34	60.5	6.90	65.2	7.58	69.4	8.21	72.7	8.74
	14	36.3	4.26	45.9	5.22	56.1	6.48	60.5	7.09	65.2	7.73	69.4	8.37	72.7	8.91
	16	36.3	4.32	45.9	5.30	56.1	6.58	60.5	7.20	65.2	7.99	69.4	8.72	72.7	9.48
	18	36.3	4.39	45.9	5.43	56.1	6.90	60.5	7.72	65.2	8.67	69.4	9.60	72.7	10.36
	20	36.3	4.44	45.9	5.76	56.1	7.57	60.5	8.51	65.2	9.58	69.4	10.59	72.7	11.47
	21	36.3	4.57	45.9	6.02	56.1	8.01	60.5	8.95	65.2	10.07	69.4	11.13	72.7	12.02
	23	36.3	4.99	45.9	6.71	56.1	8.91	60.5	9.97	65.2	11.19	69.4	12.33	72.7	13.35
	25	36.3	5.56	45.9	7.48	56.1	9.93	60.5	11.12	65.2	12.49	69.4	13.84	72.7	14.84
	27	36.3	6.25	45.9	8.38	56.1	11.15	60.5	12.53	65.2	14.03	69.4	15.47	72.7	16.55
	29	36.3	7.05	45.9	9.53	56.1	12.62	60.5	14.04	65.2	15.51	69.4	16.80	72.7	17.84
	31	36.3	8.12	45.9	10.92	56.1	13.88	60.5	15.13	65.2	16.55	69.4	17.90	72.7	19.00
	33	36.3	9.32	45.9	11.88	56.1	14.81	60.5	16.16	65.2	17.73	69.4	19.19	72.7	20.42
	35	36.3	10.08	45.9	12.66	56.1	15.82	60.5	17.32	65.2	18.96	69.4	20.51	72.7	21.85
	37	36.3	10.71	45.9	13.56	56.1	16.96	60.5	18.54	65.2	20.31	69.4	22.03	72.7	23.36
	39	36.3	11.47	45.9	14.48	56.1	18.16	60.5	19.87	65.2	21.82	69.4	23.60	72.7	25.11
	41	36.3	12.28	45.9	15.56	56.1	19.42	60.5	21.27	65.2	23.40	69.4	25.37	72.7	27.04
	43	36.3	13.14	45.9	16.56	56.1	20.80	60.5	22.91	65.2	25.16	68.6	26.86	70.4	27.71
	46	36.3	14.60	45.9	18.45	54.3	22.24	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	36.3	15.57	44.3	19.00	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31
50	10	30.2	3.65	38.2	4.32	46.8	5.15	50.4	5.58	54.4	6.00	57.8	6.48	60.5	6.80
	12	30.2	3.67	38.2	4.39	46.8	5.24	50.4	5.65	54.4	6.14	57.8	6.58	60.5	6.94
	14	30.2	3.72	38.2	4.44	46.8	5.34	50.4	5.75	54.4	6.24	57.8	6.69	60.5	7.09
	16	30.2	3.77	38.2	4.50	46.8	5.43	50.4	5.83	54.4	6.38	57.8	6.83	60.5	7.20
	18	30.2	3.81	38.2	4.58	46.8	5.52	50.4	5.97	54.4	6.57	57.8	7.22	60.5	7.72
	20	30.2	3.86	38.2	4.64	46.8	5.88	50.4	6.51	54.4	7.22	57.8	7.93	60.5	8.57
	21	30.2	3.88	38.2	4.81	46.8	6.20	50.4	6.85	54.4	7.61	57.8	8.39	60.5	8.96
	23	30.2	4.14	38.2	5.31	46.8	6.86	50.4	7.59	54.4	8.50	57.8	9.32	60.5	9.98
	25	30.2	4.55	38.2	5.89	46.8	7.69	50.4	8.54	54.4	9.45	57.8	10.38	60.5	11.16
	27	30.2	5.08	38.2	6.62	46.8	8.63	50.4	9.56	54.4	10.66	57.8	11.69	60.5	12.54
	29	30.2	5.75	38.2	7.55	46.8	9.83	50.4	10.87	54.4	12.08	57.8	13.27	60.5	14.05
	31	30.2	6.57	38.2	8.62	46.8	11.15	50.4	12.25	54.4	13.33	57.8	14.35	60.5	15.14
	33	30.2	7.61	38.2	9.86	46.8	12.06	50.4	13.11	54.4	14.28	57.8	15.34	60.5	16.17
	35	30.2	8.56	38.2	10.54	46.8	12.90	50.4	13.99	54.4	15.27	57.8	16.45	60.5	17.32
	37	30.2	9.16	38.2	11.25	46.8	13.85	50.4	14.99	54.4	16.38	57.8	17.54	60.5	18.54
	39	30.2	9.74	38.2	12.05	46.8	14.82	50.4	16.02	54.4	17.47	57.8	18.78	60.5	19.87
	41	30.2	10.42	38.2	12.88	46.8	15.78	50.4	17.18	54.4	18.70	57.8	20.21	60.5	21.28
	43	30.2	11.19	38.2	13.77	46.8	16.93	50.4	18.44	54.4	20.05	57.8	21.63	60.5	22.91
	46	30.2	12.32	38.2	15.33	46.8	18.85	50.4	20.48	53.3	21.80	55.2	22.60	55.2	22.60
	48	30.2	13.27	38.2	16.32	44.8	19.21	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM380LTE5

Cooling Capacity (38HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	83.0	9.16	104.9	12.46	128.3	17.07	138.3	19.54	149.1	22.64	158.8	25.53	166.2	27.90
	12	83.0	9.36	104.9	12.76	128.3	18.22	138.3	21.05	149.1	24.29	158.8	27.39	166.2	29.86
	14	83.0	9.51	104.9	13.65	128.3	19.67	138.3	22.66	149.1	26.21	158.8	29.39	166.2	32.18
	16	83.0	10.01	104.9	14.92	128.3	21.45	138.3	24.60	149.1	28.37	158.8	31.75	166.2	34.68
	18	83.0	11.01	104.9	16.34	128.3	23.34	138.3	26.78	149.1	30.78	158.8	34.30	166.2	37.26
	20	83.0	12.20	104.9	17.91	128.3	25.58	138.3	29.18	149.1	33.15	158.8	36.82	166.2	39.75
	21	83.0	12.82	104.9	18.81	128.3	26.65	138.3	30.25	149.1	34.19	158.8	37.96	166.2	41.08
	23	83.0	14.17	104.9	20.80	128.3	28.85	138.3	32.39	149.1	36.60	158.8	40.59	166.2	43.99
	25	83.0	15.79	104.9	22.73	128.3	30.82	138.3	34.65	149.1	39.19	158.8	43.54	166.2	47.29
	27	83.0	17.57	104.9	24.46	128.3	32.93	138.3	37.16	149.1	42.08	158.8	47.06	166.2	51.11
	29	83.0	19.11	104.9	26.16	128.3	35.36	138.3	39.95	149.1	45.33	158.8	50.82	165.5	55.04
	31	83.0	20.41	104.9	28.04	128.3	37.98	138.3	42.98	149.1	49.11	158.8	55.31	163.3	58.19
	33	83.0	21.85	104.9	30.03	128.3	40.89	138.3	46.60	147.7	52.33	152.3	55.10	155.8	57.55
	35	83.0	23.44	104.9	32.25	128.3	44.15	135.0	48.20	140.1	51.26	141.8	52.38	141.8	52.38
	37	83.0	25.11	104.9	34.70	122.9	44.24	126.8	46.61	126.8	46.61	126.8	46.61	126.8	46.61
	39	83.0	26.95	104.7	37.31	112.3	41.35	112.3	41.35	112.3	41.35	112.3	41.35	112.3	41.35
	41	83.0	29.00	97.8	36.09	98.3	36.36	98.3	36.36	98.3	36.36	98.3	36.36	98.3	36.36
	43	80.8	29.92	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86
	46	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66
	48	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02
120	10	76.6	8.36	96.8	11.20	118.4	14.89	127.7	16.98	137.7	19.36	146.5	21.87	153.5	23.96
	12	76.6	8.49	96.8	11.43	118.4	15.69	127.7	18.11	137.7	20.86	146.5	23.47	153.5	25.66
	14	76.6	8.68	96.8	11.92	118.4	17.05	127.7	19.57	137.7	22.45	146.5	25.35	153.5	27.65
	16	76.6	8.94	96.8	12.96	118.4	18.52	127.7	21.25	137.7	24.39	146.5	27.37	153.5	29.90
	18	76.6	9.69	96.8	14.24	118.4	20.23	127.7	23.14	137.7	26.48	146.5	29.75	153.5	32.30
	20	76.6	10.70	96.8	15.67	118.4	22.16	127.7	25.36	137.7	28.86	146.5	32.19	153.5	34.72
	21	76.6	11.25	96.8	16.42	118.4	23.22	127.7	26.43	137.7	29.92	146.5	33.35	153.5	35.91
	23	76.6	12.53	96.8	18.20	118.4	25.35	127.7	28.64	137.7	32.16	146.5	35.62	153.5	38.32
	25	76.6	13.94	96.8	20.11	118.4	27.26	127.7	30.61	137.7	34.40	146.5	38.06	153.5	41.12
	27	76.6	15.63	96.8	21.82	118.4	29.18	127.7	32.71	137.7	36.80	146.5	40.78	153.5	44.25
	29	76.6	17.18	96.8	23.40	118.4	31.22	127.7	35.12	137.7	39.58	146.5	44.04	153.5	47.67
	31	76.6	18.47	96.8	25.06	118.4	33.57	127.7	37.72	137.7	42.68	146.5	47.60	153.5	51.77
	33	76.6	19.74	96.8	26.81	118.4	35.99	127.7	40.61	137.7	46.05	146.5	51.61	149.8	53.54
	35	76.6	21.21	96.8	28.74	118.4	38.78	127.7	43.85	134.7	48.05	138.9	50.47	141.8	52.38
	37	76.6	22.68	96.8	30.88	118.2	41.76	122.6	44.10	126.8	46.61	126.8	46.61	126.8	46.61
	39	76.6	24.32	96.8	33.27	111.1	40.64	112.3	41.35	112.3	41.35	112.3	41.35	112.3	41.35
	41	76.6	26.04	94.0	34.15	98.3	36.36	98.3	36.36	98.3	36.36	98.3	36.36	98.3	36.36
	43	76.6	28.04	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86
	46	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66
	48	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02
110	10	70.3	7.59	88.7	9.97	108.5	13.05	117.0	14.56	126.2	16.59	134.3	18.54	140.6	20.20
	12	70.3	7.68	88.7	10.18	108.5	13.54	117.0	15.39	126.2	17.67	134.3	19.91	140.6	21.75
	14	70.3	7.85	88.7	10.43	108.5	14.49	117.0	16.69	126.2	19.18	134.3	21.52	140.6	23.45
	16	70.3	7.99	88.7	11.20	108.5	15.88	117.0	18.15	126.2	20.76	134.3	23.31	140.6	25.43
	18	70.3	8.51	88.7	12.30	108.5	17.35	117.0	19.84	126.2	22.62	134.3	25.41	140.6	27.60
	20	70.3	9.36	88.7	13.58	108.5	19.06	117.0	21.73	126.2	24.80	134.3	27.73	140.6	29.90
	21	70.3	9.86	88.7	14.25	108.5	19.93	117.0	22.77	126.2	25.99	134.3	28.76	140.6	31.16
	23	70.3	10.96	88.7	15.79	108.5	22.08	117.0	24.83	126.2	28.10	134.3	30.94	140.6	33.29
	25	70.3	12.28	88.7	17.48	108.5	23.98	117.0	26.76	126.2	29.97	134.3	33.10	140.6	35.60
	27	70.3	13.68	88.7	19.30	108.5	25.68	117.0	28.65	126.2	32.12	134.3	35.43	140.6	38.16
	29	70.3	15.26	88.7	20.79	108.5	27.45	117.0	30.74	126.2	34.41	134.3	38.02	140.6	41.03
	31	70.3	16.63	88.7	22.25	108.5	29.49	117.0	32.97	126.2	37.06	134.3	40.90	140.6	44.24
	33	70.3	17.81	88.7	23.85	108.5	31.66	117.0	35.35	126.2	39.80	134.3	44.25	140.6	47.97
	35	70.3	19.10	88.7	25.63	108.5	33.96	117.0	38.10	126.2	43.09	133.1	47.08	136.1	48.80
	37	70.3	20.40	88.7	27.41	108.5	36.53	117.0	41.17	121.9	43.68	125.7	45.98	126.8	46.61
	39	70.3	21.84	88.7	29.48	106.4	38.09	110.4	40.23	112.3	41.35	112.3	41.35	112.3	41.35
	41	70.3	23.42	88.7	31.67	98.3	36.36	98.3	36.36	98.3	36.36	98.3	36.36	98.3	36.36
	43	70.3	25.09	83.5	31.13	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86
	46	65.4	25.54	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66
	48	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02

7. Capacity Tables

Cooling Capacity (38HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	63.9	6.87	80.7	8.87	98.6	11.43	106.4	12.69	114.7	14.17	122.1	15.66	127.9	16.99
	12	63.9	6.95	80.7	9.06	98.6	11.70	106.4	13.12	114.7	14.85	122.1	16.67	127.9	18.13
	14	63.9	7.12	80.7	9.21	98.6	12.27	106.4	14.05	114.7	16.08	122.1	18.05	127.9	19.65
	16	63.9	7.20	80.7	9.63	98.6	13.37	106.4	15.34	114.7	17.50	122.1	19.65	127.9	21.34
	18	63.9	7.47	80.7	10.57	98.6	14.68	106.4	16.71	114.7	19.14	122.1	21.35	127.9	23.15
	20	63.9	8.19	80.7	11.65	98.6	16.20	106.4	18.39	114.7	20.91	122.1	23.36	127.9	25.38
	21	63.9	8.58	80.7	12.19	98.6	16.97	106.4	19.31	114.7	22.00	122.1	24.54	127.9	26.53
	23	63.9	9.55	80.7	13.50	98.6	18.73	106.4	21.33	114.7	24.08	122.1	26.65	127.9	28.66
	25	63.9	10.62	80.7	15.12	98.6	20.70	106.4	23.25	114.7	26.01	122.1	28.54	127.9	30.62
	27	63.9	11.91	80.7	16.91	98.6	22.48	106.4	24.96	114.7	27.80	122.1	30.62	127.9	32.81
	29	63.9	13.43	80.7	18.34	98.6	24.00	106.4	26.69	114.7	29.84	122.1	32.72	127.9	35.14
	31	63.9	14.87	80.7	19.67	98.6	25.70	106.4	28.61	114.7	31.92	122.1	35.17	127.9	37.74
	33	63.9	15.89	80.7	21.07	98.6	27.56	106.4	30.64	114.7	34.34	122.1	37.79	127.9	40.63
	35	63.9	17.03	80.7	22.53	98.6	29.54	106.4	32.88	114.7	36.92	122.1	40.72	127.9	44.10
	37	63.9	18.30	80.7	24.23	98.6	31.73	106.4	35.48	114.7	39.80	119.9	42.69	122.7	44.22
	39	63.9	19.56	80.7	25.95	98.6	34.16	105.4	37.58	109.3	39.67	112.3	41.35	112.3	41.35
	41	63.9	20.94	80.7	27.86	94.8	34.54	98.3	36.36	98.3	36.36	98.3	36.36	98.3	36.36
	43	63.9	22.49	79.7	29.35	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86
	46	62.4	24.22	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66
	48	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02
90	10	57.5	6.20	72.6	7.85	88.8	9.97	95.8	10.98	103.2	12.17	109.9	13.30	115.1	14.23
	12	57.5	6.28	72.6	7.99	88.8	10.18	95.8	11.20	103.2	12.46	109.9	13.83	115.1	14.93
	14	57.5	6.36	72.6	8.12	88.8	10.44	95.8	11.73	103.2	13.26	109.9	14.82	115.1	16.17
	16	57.5	6.51	72.6	8.26	88.8	11.21	95.8	12.73	103.2	14.51	109.9	16.22	115.1	17.59
	18	57.5	6.59	72.6	8.95	88.8	12.30	95.8	13.93	103.2	15.89	109.9	17.72	115.1	19.18
	20	57.5	7.12	72.6	9.85	88.8	13.59	95.8	15.40	103.2	17.44	109.9	19.47	115.1	21.10
	21	57.5	7.45	72.6	10.36	88.8	14.25	95.8	16.14	103.2	18.33	109.9	20.42	115.1	22.04
	23	57.5	8.25	72.6	11.51	88.8	15.80	95.8	17.83	103.2	20.26	109.9	22.51	115.1	24.18
	25	57.5	9.20	72.6	12.82	88.8	17.55	95.8	19.80	103.2	22.20	109.9	24.48	115.1	26.12
	27	57.5	10.28	72.6	14.39	88.8	19.38	95.8	21.53	103.2	23.95	109.9	26.19	115.1	27.99
	29	57.5	11.64	72.6	15.98	88.8	20.87	95.8	23.02	103.2	25.63	109.9	27.98	115.1	29.87
	31	57.5	13.10	72.6	17.25	88.8	22.25	95.8	24.66	103.2	27.40	109.9	29.96	115.1	32.05
	33	57.5	14.15	72.6	18.52	88.8	23.93	95.8	26.46	103.2	29.36	109.9	32.16	115.1	34.47
	35	57.5	15.13	72.6	19.79	88.8	25.63	95.8	28.30	103.2	31.53	109.9	34.60	115.1	37.06
	37	57.5	16.24	72.6	21.20	88.8	27.41	95.8	30.41	103.2	33.94	109.9	37.31	115.1	40.05
	39	57.5	17.46	72.6	22.75	88.8	29.49	95.8	32.67	103.2	36.51	107.1	38.47	109.5	39.69
	41	57.5	18.60	72.6	24.38	88.8	31.68	93.5	33.91	97.0	35.69	98.3	36.36	98.3	36.36
	43	57.5	20.03	72.6	26.19	83.6	31.13	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86
	46	57.5	22.19	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66
	48	53.3	21.92	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02
80	10	51.1	5.58	64.6	6.95	78.9	8.63	85.1	9.46	91.8	10.39	97.7	11.31	102.3	12.05
	12	51.1	5.66	64.6	7.04	78.9	8.77	85.1	9.61	91.8	10.60	97.7	11.54	102.3	12.29
	14	51.1	5.72	64.6	7.16	78.9	8.97	85.1	9.81	91.8	10.94	97.7	12.13	102.3	13.08
	16	51.1	5.80	64.6	7.29	78.9	9.34	85.1	10.42	91.8	11.87	97.7	13.19	102.3	14.26
	18	51.1	5.95	64.6	7.57	78.9	10.16	85.1	11.52	91.8	13.00	97.7	14.43	102.3	15.63
	20	51.1	6.17	64.6	8.31	78.9	11.21	85.1	12.68	91.8	14.35	97.7	15.87	102.3	17.23
	21	51.1	6.41	64.6	8.70	78.9	11.80	85.1	13.32	91.8	15.05	97.7	16.69	102.3	18.03
	23	51.1	7.09	64.6	9.69	78.9	13.07	85.1	14.78	91.8	16.66	97.7	18.42	102.3	19.94
	25	51.1	7.84	64.6	10.77	78.9	14.58	85.1	16.38	91.8	18.55	97.7	20.47	102.3	21.90
	27	51.1	8.84	64.6	12.09	78.9	16.33	85.1	18.16	91.8	20.29	97.7	22.10	102.3	23.57
	29	51.1	9.97	64.6	13.62	78.9	17.88	85.1	19.68	91.8	21.75	97.7	23.70	102.3	25.24
	31	51.1	11.31	64.6	15.04	78.9	19.12	85.1	21.15	91.8	23.33	97.7	25.29	102.3	27.07
	33	51.1	12.45	64.6	16.06	78.9	20.57	85.1	22.62	91.8	24.90	97.7	27.23	102.3	28.92
	35	51.1	13.40	64.6	17.21	78.9	22.01	85.1	24.25	91.8	26.81	97.7	29.18	102.3	31.07
	37	51.1	14.34	64.6	18.49	78.9	23.61	85.1	25.96	91.8	28.66	97.7	31.26	102.3	33.46
	39	51.1	15.34	64.6	19.75	78.9	25.29	85.1	27.86	91.8	30.81	97.7	33.65	102.3	35.99
	41	51.1	16.45	64.6	21.24	78.9	27.06	85.1	29.87	91.6	32.95	94.4	34.29	96.6	35.43
	43	51.1	17.70	64.6	22.72	78.9	29.01	81.8	30.39	84.9	31.86	84.9	31.86	84.9	31.86
	46	51.1	19.53	62.7	24.33	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66
	48	50.3	20.69	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02

7. Capacity Tables

Cooling Capacity (38HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	44.7	5.04	56.4	6.09	69.1	7.46	74.5	8.08	80.3	8.82	85.5	9.51	89.5	10.07
	12	44.7	5.11	56.4	6.16	69.1	7.59	74.5	8.26	80.3	8.97	85.5	9.72	89.5	10.28
	14	44.7	5.14	56.4	6.28	69.1	7.68	74.5	8.36	80.3	9.16	85.5	9.91	89.5	10.56
	16	44.7	5.21	56.4	6.36	69.1	7.85	74.5	8.60	80.3	9.57	85.5	10.50	89.5	11.35
	18	44.7	5.27	56.4	6.51	69.1	8.32	74.5	9.28	80.3	10.44	85.5	11.54	89.5	12.46
	20	44.7	5.36	56.4	6.96	69.1	9.15	74.5	10.26	80.3	11.52	85.5	12.71	89.5	13.76
	21	44.7	5.57	56.4	7.28	69.1	9.59	74.5	10.79	80.3	12.11	85.5	13.40	89.5	14.43
	23	44.7	6.09	56.4	8.06	69.1	10.66	74.5	11.97	80.3	13.46	85.5	14.81	89.5	15.98
	25	44.7	6.71	56.4	8.98	69.1	11.96	74.5	13.39	80.3	14.95	85.5	16.55	89.5	17.76
	27	44.7	7.47	56.4	10.05	69.1	13.38	74.5	14.96	80.3	16.74	85.5	18.32	89.5	19.58
	29	44.7	8.44	56.4	11.38	69.1	14.98	74.5	16.59	80.3	18.31	85.5	19.85	89.5	21.06
	31	44.7	9.56	56.4	12.84	69.1	16.29	74.5	17.78	80.3	19.57	85.5	21.17	89.5	22.53
	33	44.7	10.89	56.4	13.90	69.1	17.45	74.5	19.08	80.3	20.97	85.5	22.73	89.5	24.15
	35	44.7	11.70	56.4	14.87	69.1	18.74	74.5	20.45	80.3	22.50	85.5	24.27	89.5	25.85
	37	44.7	12.56	56.4	15.96	69.1	20.01	74.5	21.89	80.3	24.04	85.5	26.16	89.5	27.75
	39	44.7	13.39	56.4	17.11	69.1	21.42	74.5	23.48	80.3	25.74	85.5	27.98	89.5	29.73
	41	44.7	14.34	56.4	18.23	69.1	22.99	74.5	25.24	80.3	27.72	85.5	30.09	89.5	31.95
	43	44.7	15.42	56.4	19.64	69.1	24.64	74.5	27.01	79.5	29.34	82.0	30.40	83.9	31.36
	46	44.7	17.18	56.4	21.77	64.8	25.31	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66
	48	44.7	18.40	52.8	21.72	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02
60	10	38.4	4.51	48.4	5.34	59.2	6.36	63.8	6.87	68.8	7.42	73.3	7.94	76.7	8.36
	12	38.4	4.57	48.4	5.41	59.2	6.43	63.8	6.95	68.8	7.54	73.3	8.08	76.7	8.53
	14	38.4	4.63	48.4	5.48	59.2	6.59	63.8	7.12	68.8	7.68	73.3	8.21	76.7	8.68
	16	38.4	4.66	48.4	5.54	59.2	6.67	63.8	7.20	68.8	7.81	73.3	8.39	76.7	8.99
	18	38.4	4.72	48.4	5.66	59.2	6.83	63.8	7.47	68.8	8.26	73.3	9.07	76.7	9.69
	20	38.4	4.78	48.4	5.81	59.2	7.36	63.8	8.19	68.8	9.10	73.3	9.98	76.7	10.76
	21	38.4	4.81	48.4	6.05	59.2	7.76	63.8	8.57	68.8	9.58	73.3	10.51	76.7	11.32
	23	38.4	5.17	48.4	6.67	59.2	8.59	63.8	9.55	68.8	10.65	73.3	11.66	76.7	12.55
	25	38.4	5.67	48.4	7.38	59.2	9.56	63.8	10.62	68.8	11.83	73.3	13.06	76.7	13.95
	27	38.4	6.29	48.4	8.21	59.2	10.69	63.8	11.91	68.8	13.24	73.3	14.59	76.7	15.63
	29	38.4	7.05	48.4	9.28	59.2	12.08	63.8	13.43	68.8	14.90	73.3	16.23	76.7	17.25
	31	38.4	8.05	48.4	10.60	59.2	13.60	63.8	14.87	68.8	16.20	73.3	17.42	76.7	18.48
	33	38.4	9.21	48.4	11.84	59.2	14.64	63.8	15.89	68.8	17.36	73.3	18.71	76.7	19.82
	35	38.4	10.19	48.4	12.69	59.2	15.64	63.8	17.03	68.8	18.57	73.3	19.99	76.7	21.23
	37	38.4	10.89	48.4	13.59	59.2	16.77	63.8	18.30	68.8	19.91	73.3	21.48	76.7	22.70
	39	38.4	11.63	48.4	14.56	59.2	17.95	63.8	19.56	68.8	21.41	73.3	22.96	76.7	24.33
	41	38.4	12.49	48.4	15.63	59.2	19.26	63.8	20.94	68.8	22.89	73.3	24.61	76.7	26.05
	43	38.4	13.34	48.4	16.69	59.2	20.64	63.8	22.49	68.8	24.53	73.3	26.53	76.7	28.05
	46	38.4	14.88	48.4	18.53	59.2	22.93	62.3	24.22	64.7	25.21	65.7	25.66	65.7	25.66
	48	38.4	15.93	48.4	19.89	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02
50	10	31.9	4.08	40.3	4.69	49.4	5.41	53.2	5.80	57.4	6.16	61.0	6.59	63.9	6.87
	12	31.9	4.08	40.3	4.72	49.4	5.48	53.2	5.87	57.4	6.28	61.0	6.67	63.9	6.95
	14	31.9	4.14	40.3	4.78	49.4	5.58	53.2	5.95	57.4	6.36	61.0	6.75	63.9	7.12
	16	31.9	4.17	40.3	4.84	49.4	5.66	53.2	6.01	57.4	6.47	61.0	6.87	63.9	7.20
	18	31.9	4.20	40.3	4.91	49.4	5.72	53.2	6.13	57.4	6.59	61.0	7.11	63.9	7.47
	20	31.9	4.25	40.3	4.98	49.4	5.90	53.2	6.44	57.4	7.07	61.0	7.70	63.9	8.24
	21	31.9	4.27	40.3	5.03	49.4	6.20	53.2	6.77	57.4	7.45	61.0	8.11	63.9	8.58
	23	31.9	4.43	40.3	5.44	49.4	6.80	53.2	7.44	57.4	8.25	61.0	8.99	63.9	9.56
	25	31.9	4.75	40.3	5.98	49.4	7.56	53.2	8.29	57.4	9.13	61.0	9.94	63.9	10.67
	27	31.9	5.24	40.3	6.65	49.4	8.42	53.2	9.29	57.4	10.28	61.0	11.18	63.9	11.93
	29	31.9	5.85	40.3	7.51	49.4	9.56	53.2	10.47	57.4	11.56	61.0	12.67	63.9	13.44
	31	31.9	6.59	40.3	8.51	49.4	10.80	53.2	11.93	57.4	13.03	61.0	14.12	63.9	14.89
	33	31.9	7.56	40.3	9.78	49.4	12.06	53.2	13.05	57.4	14.15	61.0	15.13	63.9	15.89
	35	31.9	8.66	40.3	10.61	49.4	12.86	53.2	13.90	57.4	15.13	61.0	16.23	63.9	17.04
	37	31.9	9.31	40.3	11.40	49.4	13.85	53.2	14.93	57.4	16.22	61.0	17.31	63.9	18.30
	39	31.9	9.97	40.3	12.18	49.4	14.82	53.2	15.96	57.4	17.30	61.0	18.60	63.9	19.56
	41	31.9	10.68	40.3	13.07	49.4	15.83	53.2	17.18	57.4	18.59	61.0	19.95	63.9	20.96
	43	31.9	11.51	40.3	14.02	49.4	16.98	53.2	18.38	57.4	19.87	61.0	21.36	63.9	22.50
	46	31.9	12.71	40.3	15.60	49.4	18.92	53.2	20.42	57.4	22.17	61.0	23.69	62.4	24.23
	48	31.9	13.74	40.3	16.67	49.4	20.29	51.3	21.10	53.3	21.92	53.5	22.02	53.5	22.02

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM400LTE5

Cooling Capacity (40HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	87.4	9.84	110.4	13.58	135.0	19.04	145.6	21.94	157.0	25.40	167.2	28.64	175.0	31.34
	12	87.4	10.06	110.4	13.96	135.0	20.38	145.6	23.56	157.0	27.18	167.2	30.74	175.0	33.56
	14	87.4	10.26	110.4	15.28	135.0	22.02	145.6	25.38	157.0	29.34	167.2	32.94	175.0	36.12
	16	87.4	11.06	110.4	16.58	135.0	24.02	145.6	27.56	157.0	31.80	167.2	35.64	175.0	38.94
	18	87.4	12.14	110.4	18.18	135.0	26.08	145.6	30.04	157.0	34.52	167.2	38.26	175.0	41.44
	20	87.4	13.48	110.4	19.96	135.0	28.62	145.6	32.52	157.0	36.68	167.2	40.82	175.0	44.16
	21	87.4	14.16	110.4	20.86	135.0	29.62	145.6	33.56	157.0	37.82	167.2	42.06	175.0	45.72
	23	87.4	15.62	110.4	23.18	135.0	31.78	145.6	35.74	157.0	40.44	167.2	45.14	175.0	49.04
	25	87.4	17.44	110.4	25.00	135.0	33.90	145.6	38.28	157.0	43.46	167.2	48.50	175.0	52.92
	27	87.4	19.38	110.4	26.80	135.0	36.36	145.6	41.20	157.0	46.74	167.2	52.62	175.0	57.42
	29	87.4	20.76	110.4	28.70	135.0	39.00	145.6	44.36	157.0	50.56	167.2	57.18	173.6	61.66
	31	87.4	22.22	110.4	30.72	135.0	42.06	145.6	47.82	157.0	55.00	167.2	62.50	169.2	63.98
	33	87.4	23.74	110.4	32.86	135.0	45.36	145.6	52.06	154.2	58.08	154.2	58.08	154.2	58.08
	35	87.4	25.52	110.4	35.34	135.0	49.20	139.0	52.02	139.0	52.02	139.0	52.02	139.0	52.02
	37	87.4	27.38	110.4	38.20	124.2	46.26	124.2	46.26	124.2	46.26	124.2	46.26	124.2	46.26
	39	87.4	29.34	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02
	41	87.4	31.64	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04
	43	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56
	46	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94
120	10	80.6	8.96	101.8	12.14	124.6	16.32	134.4	18.86	145.0	21.74	154.2	24.58	161.6	26.88
	12	80.6	9.14	101.8	12.38	124.6	17.56	134.4	20.34	145.0	23.36	154.2	26.30	161.6	28.72
	14	80.6	9.34	101.8	13.16	124.6	19.06	134.4	21.84	145.0	25.16	154.2	28.42	161.6	30.98
	16	80.6	9.68	101.8	14.36	124.6	20.72	134.4	23.80	145.0	27.34	154.2	30.64	161.6	33.54
	18	80.6	10.66	101.8	15.80	124.6	22.58	134.4	25.86	145.0	29.64	154.2	33.34	161.6	36.14
	20	80.6	11.76	101.8	17.40	124.6	24.68	134.4	28.38	145.0	32.12	154.2	35.72	161.6	38.38
	21	80.6	12.36	101.8	18.22	124.6	25.92	134.4	29.40	145.0	33.14	154.2	36.84	161.6	39.76
	23	80.6	13.80	101.8	20.16	124.6	28.08	134.4	31.56	145.0	35.50	154.2	39.38	161.6	42.48
	25	80.6	15.32	101.8	22.26	124.6	29.86	134.4	33.68	145.0	38.00	154.2	42.14	161.6	45.66
	27	80.6	17.22	101.8	23.78	124.6	32.08	134.4	36.12	145.0	40.72	154.2	45.32	161.6	49.32
	29	80.6	18.60	101.8	25.52	124.6	34.28	134.4	38.74	145.0	43.86	154.2	49.04	161.6	53.36
	31	80.6	19.94	101.8	27.38	124.6	37.00	134.4	41.78	145.0	47.48	154.2	53.34	161.6	58.30
	33	80.6	21.36	101.8	29.34	124.6	39.74	134.4	45.06	145.0	51.46	154.2	58.08	154.2	58.08
	35	80.6	23.00	101.8	31.40	124.6	42.90	134.4	48.86	139.0	52.02	139.0	52.02	139.0	52.02
	37	80.6	24.56	101.8	33.80	124.2	46.26	124.2	46.26	124.2	46.26	124.2	46.26	124.2	46.26
	39	80.6	26.38	101.8	36.58	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02
	41	80.6	28.30	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04
	43	80.6	30.54	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56
	46	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94
110	10	74.0	8.12	93.4	10.80	114.2	14.20	123.2	15.92	132.8	18.34	141.4	20.76	148.0	22.72
	12	74.0	8.20	93.4	11.02	114.2	14.94	123.2	17.20	132.8	19.80	141.4	22.34	148.0	24.38
	14	74.0	8.38	93.4	11.32	114.2	16.18	123.2	18.68	132.8	21.42	141.4	24.08	148.0	26.22
	16	74.0	8.58	93.4	12.40	114.2	17.68	123.2	20.32	132.8	23.20	141.4	26.02	148.0	28.46
	18	74.0	9.28	93.4	13.58	114.2	19.34	123.2	22.16	132.8	25.24	141.4	28.40	148.0	30.84
	20	74.0	10.26	93.4	15.04	114.2	21.20	123.2	24.22	132.8	27.70	141.4	30.98	148.0	33.24
	21	74.0	10.80	93.4	15.76	114.2	22.14	123.2	25.44	132.8	28.96	141.4	31.98	148.0	34.48
	23	74.0	12.00	93.4	17.50	114.2	24.56	123.2	27.48	132.8	30.90	141.4	34.10	148.0	36.70
	25	74.0	13.48	93.4	19.34	114.2	26.22	123.2	29.40	132.8	33.00	141.4	36.52	148.0	39.30
	27	74.0	15.06	93.4	21.08	114.2	28.10	123.2	31.42	132.8	35.40	141.4	39.14	148.0	42.28
	29	74.0	16.68	93.4	22.68	114.2	30.08	123.2	33.76	132.8	37.98	141.4	42.16	148.0	45.54
	31	74.0	17.94	93.4	24.24	114.2	32.36	123.2	36.26	132.8	40.96	141.4	45.44	148.0	49.30
	33	74.0	19.26	93.4	26.02	114.2	34.78	123.2	38.94	132.8	44.18	141.4	49.26	148.0	53.68
	35	74.0	20.62	93.4	27.92	114.2	37.38	123.2	42.06	132.8	47.92	139.0	52.02	139.0	52.02
	37	74.0	22.08	93.4	29.92	114.2	40.38	123.2	45.64	124.2	46.26	124.2	46.26	124.2	46.26
	39	74.0	23.60	93.4	32.22	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02
	41	74.0	25.36	93.4	34.68	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04
	43	74.0	27.22	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56
	46	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94

7. Capacity Tables

Cooling Capacity (40HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	67.2	7.32	85.0	9.54	103.8	12.38	112.0	13.82	120.8	15.50	128.6	17.24	134.6	18.88
	12	67.2	7.40	85.0	9.74	103.8	12.72	112.0	14.44	120.8	16.50	128.6	18.66	134.6	20.36
	14	67.2	7.58	85.0	9.94	103.8	13.64	112.0	15.64	120.8	17.96	128.6	20.20	134.6	22.00
	16	67.2	7.66	85.0	10.60	103.8	14.86	112.0	17.10	120.8	19.56	128.6	21.94	134.6	23.82
	18	67.2	8.12	85.0	11.66	103.8	16.34	112.0	18.58	120.8	21.34	128.6	23.86	134.6	25.88
	20	67.2	8.90	85.0	12.84	103.8	17.98	112.0	20.40	120.8	23.34	128.6	26.06	134.6	28.40
	21	67.2	9.38	85.0	13.48	103.8	18.82	112.0	21.48	120.8	24.52	128.6	27.36	134.6	29.58
	23	67.2	10.42	85.0	14.90	103.8	20.80	112.0	23.68	120.8	26.66	128.6	29.38	134.6	31.58
	25	67.2	11.64	85.0	16.66	103.8	22.84	112.0	25.58	120.8	28.52	128.6	31.38	134.6	33.68
	27	67.2	13.04	85.0	18.66	103.8	24.54	112.0	27.26	120.8	30.52	128.6	33.70	134.6	36.14
	29	67.2	14.68	85.0	19.88	103.8	26.16	112.0	29.18	120.8	32.80	128.6	35.98	134.6	38.76
	31	67.2	16.02	85.0	21.28	103.8	28.06	112.0	31.42	120.8	35.04	128.6	38.82	134.6	41.80
	33	67.2	17.10	85.0	22.92	103.8	30.22	112.0	33.60	120.8	37.86	128.6	41.88	134.6	45.08
	35	67.2	18.38	85.0	24.48	103.8	32.36	112.0	36.12	120.8	40.88	128.6	45.22	134.6	49.14
	37	67.2	19.72	85.0	26.28	103.8	34.80	112.0	39.04	120.8	44.14	124.2	46.26	124.2	46.26
	39	67.2	21.12	85.0	28.20	103.8	37.64	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02
	41	67.2	22.58	85.0	30.42	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04
	43	67.2	24.30	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56
	46	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94
90	10	60.6	6.58	76.4	8.38	93.4	10.80	100.8	11.90	108.6	13.22	115.6	14.46	121.2	15.50
	12	60.6	6.66	76.4	8.58	93.4	11.02	100.8	12.14	108.6	13.58	115.6	15.28	121.2	16.66
	14	60.6	6.74	76.4	8.66	93.4	11.34	100.8	12.98	108.6	14.80	115.6	16.54	121.2	18.12
	16	60.6	6.90	76.4	8.86	93.4	12.40	100.8	14.16	108.6	16.20	115.6	18.04	121.2	19.58
	18	60.6	6.98	76.4	9.80	93.4	13.58	100.8	15.46	108.6	17.64	115.6	19.74	121.2	21.38
	20	60.6	7.74	76.4	10.84	93.4	15.04	100.8	17.06	108.6	19.38	115.6	21.64	121.2	23.54
	21	60.6	8.06	76.4	11.40	93.4	15.76	100.8	17.86	108.6	20.42	115.6	22.74	121.2	24.58
	23	60.6	8.98	76.4	12.64	93.4	17.50	100.8	19.76	108.6	22.52	115.6	25.02	121.2	26.84
	25	60.6	10.06	76.4	14.06	93.4	19.48	100.8	21.88	108.6	24.40	115.6	26.82	121.2	28.72
	27	60.6	11.18	76.4	15.82	93.4	21.22	100.8	23.54	108.6	26.18	115.6	28.72	121.2	30.72
	29	60.6	12.64	76.4	17.38	93.4	22.70	100.8	25.12	108.6	28.06	115.6	30.72	121.2	32.84
	31	60.6	14.22	76.4	18.66	93.4	24.24	100.8	26.96	108.6	30.04	115.6	32.86	121.2	35.28
	33	60.6	15.20	76.4	20.00	93.4	26.02	100.8	28.88	108.6	32.14	115.6	35.32	121.2	37.90
	35	60.6	16.24	76.4	21.42	93.4	27.92	100.8	30.94	108.6	34.58	115.6	38.16	121.2	40.92
	37	60.6	17.48	76.4	22.92	93.4	29.92	100.8	33.30	108.6	37.38	115.6	41.22	121.2	44.42
	39	60.6	18.76	76.4	24.64	93.4	32.24	100.8	35.84	108.6	40.18	110.0	41.02	110.0	41.02
	41	60.6	19.96	76.4	26.46	93.4	34.70	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04
	43	60.6	21.54	76.4	28.38	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56
	46	60.6	23.90	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94
80	10	53.8	5.90	68.0	7.40	83.0	9.24	89.6	10.16	96.6	11.24	102.8	12.26	107.6	13.08
	12	53.8	5.98	68.0	7.50	83.0	9.44	89.6	10.36	96.6	11.46	102.8	12.50	107.6	13.34
	14	53.8	6.04	68.0	7.66	83.0	9.64	89.6	10.58	96.6	11.94	102.8	13.46	107.6	14.60
	16	53.8	6.12	68.0	7.76	83.0	10.20	89.6	11.50	96.6	13.18	102.8	14.66	107.6	15.88
	18	53.8	6.28	68.0	8.24	83.0	11.22	89.6	12.74	96.6	14.40	102.8	16.00	107.6	17.42
	20	53.8	6.62	68.0	9.02	83.0	12.36	89.6	14.00	96.6	15.92	102.8	17.62	107.6	19.16
	21	53.8	6.90	68.0	9.50	83.0	13.00	89.6	14.70	96.6	16.68	102.8	18.58	107.6	20.02
	23	53.8	7.68	68.0	10.58	83.0	14.38	89.6	16.34	96.6	18.50	102.8	20.40	107.6	22.10
	25	53.8	8.50	68.0	11.80	83.0	16.08	89.6	18.08	96.6	20.56	102.8	22.62	107.6	24.18
	27	53.8	9.58	68.0	13.24	83.0	18.04	89.6	19.96	96.6	22.18	102.8	24.14	107.6	25.78
	29	53.8	10.86	68.0	14.88	83.0	19.32	89.6	21.36	96.6	23.70	102.8	25.92	107.6	27.64
	31	53.8	12.24	68.0	16.20	83.0	20.70	89.6	23.00	96.6	25.46	102.8	27.62	107.6	29.60
	33	53.8	13.30	68.0	17.28	83.0	22.32	89.6	24.56	96.6	27.14	102.8	29.78	107.6	31.68
	35	53.8	14.36	68.0	18.56	83.0	23.84	89.6	26.38	96.6	29.26	102.8	31.88	107.6	34.08
	37	53.8	15.36	68.0	19.92	83.0	25.62	89.6	28.28	96.6	31.34	102.8	34.30	107.6	36.86
	39	53.8	16.40	68.0	21.32	83.0	27.50	89.6	30.32	96.6	33.74	102.8	36.90	107.6	39.62
	41	53.8	17.64	68.0	22.98	83.0	29.48	89.6	32.66	96.2	36.04	96.2	36.04	96.2	36.04
	43	53.8	18.94	68.0	24.54	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56
	46	53.8	20.94	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94

7. Capacity Tables

Cooling Capacity (40HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	47.0	5.26	59.4	6.42	72.8	7.94	78.4	8.66	84.6	9.44	90.0	10.26	94.2	10.90
	12	47.0	5.34	59.4	6.50	72.8	8.12	78.4	8.86	84.6	9.64	90.0	10.48	94.2	11.12
	14	47.0	5.40	59.4	6.66	72.8	8.20	78.4	8.96	84.6	9.84	90.0	10.68	94.2	11.48
	16	47.0	5.48	59.4	6.74	72.8	8.38	78.4	9.28	84.6	10.48	90.0	11.64	94.2	12.56
	18	47.0	5.54	59.4	6.90	72.8	9.12	78.4	10.22	84.6	11.52	90.0	12.76	94.2	13.76
	20	47.0	5.66	59.4	7.52	72.8	9.98	78.4	11.28	84.6	12.70	90.0	14.04	94.2	15.22
	21	47.0	5.94	59.4	7.92	72.8	10.52	78.4	11.86	84.6	13.34	90.0	14.84	94.2	15.96
	23	47.0	6.52	59.4	8.72	72.8	11.68	78.4	13.14	84.6	14.86	90.0	16.38	94.2	17.70
	25	47.0	7.20	59.4	9.78	72.8	13.14	78.4	14.74	84.6	16.48	90.0	18.26	94.2	19.70
	27	47.0	8.02	59.4	10.98	72.8	14.68	78.4	16.44	84.6	18.48	90.0	20.12	94.2	21.42
	29	47.0	9.12	59.4	12.42	72.8	16.34	78.4	18.04	84.6	19.84	90.0	21.54	94.2	22.90
	31	47.0	10.32	59.4	13.92	72.8	17.58	78.4	19.22	84.6	21.26	90.0	23.02	94.2	24.46
	33	47.0	11.62	59.4	14.88	72.8	18.88	78.4	20.60	84.6	22.74	90.0	24.76	94.2	26.26
	35	47.0	12.46	59.4	15.90	72.8	20.24	78.4	22.20	84.6	24.44	90.0	26.40	94.2	28.16
	37	47.0	13.36	59.4	17.12	72.8	21.66	78.4	23.72	84.6	26.08	90.0	28.50	94.2	30.36
	39	47.0	14.30	59.4	18.40	72.8	23.16	78.4	25.50	84.6	27.98	90.0	30.54	94.2	32.50
	41	47.0	15.30	59.4	19.58	72.8	24.90	78.4	27.36	84.6	30.18	90.0	32.90	94.2	34.98
	43	47.0	16.50	59.4	21.14	72.8	26.74	78.4	29.34	83.0	31.56	83.0	31.56	83.0	31.56
	46	47.0	18.34	59.4	23.46	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	47.0	19.68	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94
60	10	40.4	4.68	51.0	5.62	62.4	6.74	67.2	7.32	72.4	7.94	77.2	8.48	80.8	8.96
	12	40.4	4.76	51.0	5.68	62.4	6.82	67.2	7.40	72.4	8.02	77.2	8.66	80.8	9.14
	14	40.4	4.82	51.0	5.76	62.4	6.98	67.2	7.58	72.4	8.20	77.2	8.76	80.8	9.34
	16	40.4	4.88	51.0	5.82	62.4	7.06	67.2	7.66	72.4	8.38	77.2	9.02	80.8	9.78
	18	40.4	4.94	51.0	5.98	62.4	7.32	67.2	8.12	72.4	9.02	77.2	9.94	80.8	10.66
	20	40.4	5.00	51.0	6.22	62.4	8.00	67.2	8.90	72.4	9.98	77.2	10.98	80.8	11.88
	21	40.4	5.06	51.0	6.46	62.4	8.44	67.2	9.36	72.4	10.50	77.2	11.56	80.8	12.48
	23	40.4	5.48	51.0	7.18	62.4	9.40	67.2	10.42	72.4	11.66	77.2	12.80	80.8	13.82
	25	40.4	6.04	51.0	7.96	62.4	10.40	67.2	11.64	72.4	13.00	77.2	14.38	80.8	15.34
	27	40.4	6.72	51.0	8.86	62.4	11.68	67.2	13.04	72.4	14.52	77.2	16.04	80.8	17.22
	29	40.4	7.54	51.0	10.06	62.4	13.18	67.2	14.68	72.4	16.34	77.2	17.70	80.8	18.74
	31	40.4	8.66	51.0	11.48	62.4	14.70	67.2	16.02	72.4	17.42	77.2	18.84	80.8	19.96
	33	40.4	9.90	51.0	12.66	62.4	15.72	67.2	17.10	72.4	18.72	77.2	20.20	80.8	21.52
	35	40.4	10.82	51.0	13.56	62.4	16.78	67.2	18.38	72.4	20.06	77.2	21.64	80.8	23.02
	37	40.4	11.50	51.0	14.50	62.4	18.04	67.2	19.72	72.4	21.48	77.2	23.30	80.8	24.58
	39	40.4	12.34	51.0	15.52	62.4	19.36	67.2	21.12	72.4	23.14	77.2	24.86	80.8	26.40
	41	40.4	13.24	51.0	16.72	62.4	20.74	67.2	22.58	72.4	24.72	77.2	26.70	80.8	28.32
	43	40.4	14.20	51.0	17.82	62.4	22.18	67.2	24.30	72.4	26.54	77.2	28.84	80.8	30.54
	46	40.4	15.86	51.0	19.90	62.4	24.76	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	40.4	16.96	51.0	21.32	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94
50	10	33.6	4.22	42.4	4.88	52.0	5.68	56.0	6.12	60.4	6.50	64.2	6.98	67.2	7.32
	12	33.6	4.22	42.4	4.94	52.0	5.76	56.0	6.20	60.4	6.66	64.2	7.06	67.2	7.40
	14	33.6	4.28	42.4	5.00	52.0	5.90	56.0	6.28	60.4	6.74	64.2	7.16	67.2	7.58
	16	33.6	4.34	42.4	5.06	52.0	5.98	56.0	6.34	60.4	6.90	64.2	7.32	67.2	7.66
	18	33.6	4.34	42.4	5.14	52.0	6.04	56.0	6.50	60.4	6.98	64.2	7.64	67.2	8.12
	20	33.6	4.40	42.4	5.20	52.0	6.32	56.0	6.96	60.4	7.64	64.2	8.36	67.2	9.00
	21	33.6	4.44	42.4	5.30	52.0	6.66	56.0	7.32	60.4	8.06	64.2	8.82	67.2	9.38
	23	33.6	4.62	42.4	5.78	52.0	7.32	56.0	8.06	60.4	8.98	64.2	9.82	67.2	10.44
	25	33.6	5.02	42.4	6.38	52.0	8.20	56.0	9.04	60.4	9.94	64.2	10.86	67.2	11.64
	27	33.6	5.56	42.4	7.10	52.0	9.14	56.0	10.06	60.4	11.18	64.2	12.20	67.2	13.06
	29	33.6	6.22	42.4	8.08	52.0	10.36	56.0	11.40	60.4	12.62	64.2	13.86	67.2	14.70
	31	33.6	7.06	42.4	9.14	52.0	11.70	56.0	12.96	60.4	14.10	64.2	15.20	67.2	16.04
	33	33.6	8.10	42.4	10.56	52.0	12.82	56.0	13.92	60.4	15.20	64.2	16.24	67.2	17.10
	35	33.6	9.16	42.4	11.26	52.0	13.74	56.0	14.88	60.4	16.24	64.2	17.46	67.2	18.38
	37	33.6	9.86	42.4	12.10	52.0	14.84	56.0	16.04	60.4	17.46	64.2	18.60	67.2	19.72
	39	33.6	10.50	42.4	12.98	52.0	15.86	56.0	17.12	60.4	18.60	64.2	19.96	67.2	21.12
	41	33.6	11.30	42.4	13.90	52.0	16.92	56.0	18.40	60.4	19.96	64.2	21.54	67.2	22.60
	43	33.6	12.16	42.4	14.90	52.0	18.20	56.0	19.74	60.4	21.38	64.2	23.02	67.2	24.30
	46	33.6	13.40	42.4	16.62	52.0	20.30	56.0	21.96	60.4	23.88	64.2	25.48	64.2	25.48
	48	33.6	14.54	42.4	17.72	52.0	21.74	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM420LTE5

Cooling Capacity (42HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	91.7	10.52	115.9	14.33	141.8	20.29	152.9	23.23	164.8	26.90	175.4	30.35	183.7	33.11
	12	91.7	10.73	115.9	15.22	141.8	21.71	152.9	24.99	164.8	28.84	175.4	32.50	183.7	35.56
	14	91.7	11.16	115.9	16.19	141.8	23.42	152.9	26.99	164.8	31.20	175.4	35.18	183.7	38.26
	16	91.7	11.88	115.9	17.71	141.8	25.52	152.9	29.36	164.8	33.75	175.4	37.53	183.7	40.91
	18	91.7	13.08	115.9	19.37	141.8	27.84	152.9	31.70	164.8	36.14	175.4	40.47	183.7	43.94
	20	91.7	14.38	115.9	21.23	141.8	30.11	152.9	34.26	164.8	38.99	175.4	43.45	183.7	47.21
	21	91.7	15.16	115.9	22.40	141.8	31.30	152.9	35.49	164.8	40.34	175.4	45.07	183.7	48.84
	23	91.7	16.74	115.9	24.41	141.8	33.74	152.9	38.12	164.8	43.34	175.4	48.42	183.7	52.69
	25	91.7	18.67	115.9	26.51	141.8	36.27	152.9	40.91	164.8	46.62	175.4	52.31	181.9	55.87
	27	91.7	20.30	115.9	28.50	141.8	38.79	152.9	44.08	164.8	50.43	175.4	56.85	179.1	58.68
	29	91.7	22.11	115.9	30.49	141.8	41.78	152.9	47.59	164.8	54.75	172.2	59.25	175.7	61.23
	31	91.7	23.60	115.9	32.78	141.8	45.07	152.9	51.57	159.2	55.09	163.8	57.54	167.3	59.68
	33	91.7	25.36	115.9	35.22	141.0	48.31	145.7	50.67	150.8	53.39	155.4	56.16	158.9	58.61
	35	91.7	27.18	115.9	37.96	133.0	46.71	137.7	49.35	142.8	52.41	144.5	53.53	144.5	53.53
	37	91.7	29.22	114.1	39.96	125.2	45.47	129.1	47.84	129.1	47.84	129.1	47.84	129.1	47.84
	39	91.7	31.48	106.7	38.48	114.3	42.52	114.3	42.52	114.3	42.52	114.3	42.52	114.3	42.52
	41	89.1	32.32	99.5	37.21	100.0	37.48	100.0	37.48	100.0	37.48	100.0	37.48	100.0	37.48
	43	82.3	31.10	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04
	46	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76
	48	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99
120	10	84.7	9.56	107.1	12.79	130.9	17.67	141.1	20.17	152.2	23.03	162.0	25.90	169.7	28.42
	12	84.7	9.72	107.1	13.38	130.9	18.71	141.1	21.50	152.2	24.76	162.0	27.90	169.7	30.46
	14	84.7	9.93	107.1	14.18	130.9	20.28	141.1	23.29	152.2	26.75	162.0	30.18	169.7	33.00
	16	84.7	10.60	107.1	15.44	130.9	22.00	141.1	25.29	152.2	29.12	162.0	32.65	169.7	35.43
	18	84.7	11.48	107.1	16.92	130.9	24.04	141.1	27.59	152.2	31.46	162.0	35.10	169.7	38.03
	20	84.7	12.70	107.1	18.59	130.9	26.36	141.1	29.89	152.2	33.88	162.0	37.87	169.7	40.95
	21	84.7	13.33	107.1	19.47	130.9	27.36	141.1	31.05	152.2	35.23	162.0	39.21	169.7	42.39
	23	84.7	14.75	107.1	21.56	130.9	29.59	141.1	33.48	152.2	37.83	162.0	42.05	169.7	45.54
	25	84.7	16.48	107.1	23.42	130.9	31.97	141.1	35.89	152.2	40.64	162.0	45.25	169.7	49.07
	27	84.7	18.22	107.1	25.43	130.9	34.24	141.1	38.51	152.2	43.64	162.0	48.72	169.7	53.09
	29	84.7	19.88	107.1	27.26	130.9	36.74	141.1	41.49	152.2	47.27	162.0	53.00	169.7	57.81
	31	84.7	21.36	107.1	29.19	130.9	39.53	141.1	44.77	152.2	51.22	158.0	54.41	161.3	56.10
	33	84.7	22.90	107.1	31.32	130.9	42.68	140.7	48.18	145.4	50.42	149.6	52.67	152.9	54.60
	35	84.7	24.51	107.1	33.70	128.3	44.49	132.7	46.58	137.4	49.20	141.6	51.62	144.5	53.53
	37	84.7	26.30	107.1	36.34	120.5	42.99	124.9	45.33	129.1	47.84	129.1	47.84	129.1	47.84
	39	84.7	28.29	102.9	36.66	113.1	41.81	114.3	42.52	114.3	42.52	114.3	42.52	114.3	42.52
	41	84.7	30.29	95.7	35.27	100.0	37.48	100.0	37.48	100.0	37.48	100.0	37.48	100.0	37.48
	43	79.3	29.73	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04
	46	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76
	48	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99
110	10	77.7	8.65	98.0	11.43	120.0	15.21	129.4	17.32	139.6	19.70	148.4	22.08	155.4	24.00
	12	77.7	8.80	98.0	11.65	120.0	16.13	129.4	18.27	139.6	20.99	148.4	23.66	155.4	25.80
	14	77.7	9.00	98.0	12.35	120.0	17.24	129.4	19.77	139.6	22.83	148.4	25.56	155.4	27.92
	16	77.7	9.38	98.0	13.32	120.0	18.82	129.4	21.57	139.6	24.72	148.4	27.82	155.4	30.36
	18	77.7	10.11	98.0	14.57	120.0	20.64	129.4	23.56	139.6	27.06	148.4	30.21	155.4	32.66
	20	77.7	11.07	98.0	16.06	120.0	22.68	129.4	25.90	139.6	29.27	148.4	32.48	155.4	35.20
	21	77.7	11.64	98.0	16.83	120.0	23.84	129.4	26.87	139.6	30.45	148.4	33.77	155.4	36.54
	23	77.7	12.90	98.0	18.66	120.0	25.76	129.4	29.09	139.6	32.97	148.4	36.39	155.4	39.28
	25	77.7	14.44	98.0	20.51	120.0	27.95	129.4	31.30	139.6	35.27	148.4	38.96	155.4	42.17
	27	77.7	16.11	98.0	22.44	120.0	30.01	129.4	33.60	139.6	37.82	148.4	41.86	155.4	45.40
	29	77.7	17.62	98.0	24.07	120.0	32.09	129.4	36.06	139.6	40.66	148.4	45.12	155.4	49.02
	31	77.7	19.16	98.0	25.81	120.0	34.59	129.4	38.82	139.6	43.96	148.4	48.90	155.2	53.07
	33	77.7	20.50	98.0	27.68	120.0	37.15	129.4	41.92	139.6	47.43	143.8	49.72	146.8	51.23
	35	77.7	21.97	98.0	29.83	120.0	40.13	127.6	44.23	132.0	46.29	135.8	48.23	138.8	49.95
	37	77.7	23.56	98.0	32.01	115.8	40.70	119.8	42.71	124.2	44.91	128.0	47.21	129.1	47.84
	39	77.7	25.30	98.0	34.43	108.4	39.26	112.4	41.40	114.3	42.52	114.3	42.52	114.3	42.52
	41	77.7	27.12	91.8	33.47	100.0	37.48	100.0	37.48	100.0	37.48	100.0	37.48	100.0	37.48
	43	76.3	28.44	85.0	32.31	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04
	46	66.3	26.64	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76
	48	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99

7. Capacity Tables

Cooling Capacity (42HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	70.7	7.85	89.2	10.14	109.1	13.12	117.6	14.72	126.7	16.72	135.0	18.64	141.4	20.17
	12	70.7	7.99	89.2	10.35	109.1	13.78	117.6	15.54	126.7	17.74	135.0	19.84	141.4	21.53
	14	70.7	8.13	89.2	10.68	109.1	14.59	117.6	16.71	126.7	19.16	135.0	21.45	141.4	23.29
	16	70.7	8.27	89.2	11.43	109.1	15.92	117.6	18.21	126.7	20.80	135.0	23.30	141.4	25.39
	18	70.7	8.83	89.2	12.50	109.1	17.43	117.6	19.88	126.7	22.73	135.0	25.46	141.4	27.71
	20	70.7	9.64	89.2	13.73	109.1	19.21	117.6	21.87	126.7	25.00	135.0	27.73	141.4	29.90
	21	70.7	10.09	89.2	14.43	109.1	20.12	117.6	22.99	126.7	26.06	135.0	28.86	141.4	31.08
	23	70.7	11.20	89.2	15.95	109.1	22.21	117.6	25.05	126.7	28.21	135.0	31.18	141.4	33.61
	25	70.7	12.50	89.2	17.87	109.1	24.10	117.6	27.02	126.7	30.41	135.0	33.49	141.4	36.04
	27	70.7	14.01	89.2	19.54	109.1	26.11	117.6	29.17	126.7	32.60	135.0	35.93	141.4	38.62
	29	70.7	15.57	89.2	21.22	109.1	27.96	117.6	31.20	126.7	35.00	135.0	38.63	141.4	41.64
	31	70.7	17.06	89.2	22.83	109.1	30.03	117.6	33.44	126.7	37.58	135.0	41.58	141.4	44.92
	33	70.7	18.30	89.2	24.35	109.1	32.21	117.6	36.06	126.7	40.57	135.0	44.87	140.8	48.19
	35	70.7	19.60	89.2	26.13	109.1	34.64	117.6	38.82	126.5	43.64	130.0	45.27	132.8	46.69
	37	70.7	21.04	89.2	28.19	109.1	37.35	114.8	40.32	118.7	42.09	122.2	43.92	125.0	45.45
	39	70.7	22.58	89.2	30.19	103.7	37.02	107.4	38.75	111.3	40.84	114.3	42.52	114.3	42.52
	41	70.7	24.15	88.0	31.79	96.5	35.66	100.0	37.48	100.0	37.48	100.0	37.48	100.0	37.48
	43	70.7	25.94	81.2	30.53	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04
	46	63.3	25.32	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76
	48	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99
90	10	63.6	7.07	80.2	9.00	98.1	11.43	105.8	12.63	114.1	14.02	121.5	15.53	127.1	16.86
	12	63.6	7.19	80.2	9.16	98.1	11.65	105.8	13.09	114.1	14.81	121.5	16.45	127.1	17.74
	14	63.6	7.29	80.2	9.35	98.1	12.35	105.8	13.96	114.1	15.80	121.5	17.69	127.1	19.17
	16	63.6	7.46	80.2	9.83	98.1	13.33	105.8	15.11	114.1	17.25	121.5	19.32	127.1	20.90
	18	63.6	7.74	80.2	10.63	98.1	14.59	105.8	16.56	114.1	18.91	121.5	21.07	127.1	22.87
	20	63.6	8.35	80.2	11.65	98.1	16.07	105.8	18.25	114.1	20.75	121.5	23.15	127.1	25.11
	21	63.6	8.78	80.2	12.22	98.1	16.85	105.8	19.13	114.1	21.74	121.5	24.27	127.1	26.09
	23	63.6	9.70	80.2	13.55	98.1	18.67	105.8	21.25	114.1	23.84	121.5	26.32	127.1	28.24
	25	63.6	10.77	80.2	15.15	98.1	20.61	105.8	23.06	114.1	25.90	121.5	28.53	127.1	30.56
	27	63.6	12.09	80.2	16.86	98.1	22.45	105.8	25.02	114.1	27.90	121.5	30.51	127.1	32.73
	29	63.6	13.68	80.2	18.43	98.1	24.22	105.8	26.82	114.1	29.86	121.5	32.72	127.1	35.05
	31	63.6	14.97	80.2	19.88	98.1	25.83	105.8	28.72	114.1	32.02	121.5	35.13	127.1	37.73
	33	63.6	16.23	80.2	21.42	98.1	27.86	105.8	30.92	114.1	34.43	121.5	37.86	127.1	40.72
	35	63.6	17.33	80.2	22.86	98.1	29.83	105.8	33.17	114.1	37.10	121.5	40.90	126.7	43.76
	37	63.6	18.60	80.2	24.56	98.1	32.01	105.8	35.66	113.3	39.61	116.5	41.06	118.9	42.20
	39	63.6	19.98	80.2	26.35	98.1	34.45	102.4	36.43	105.9	38.10	109.1	39.64	111.5	40.86
	41	63.6	21.46	80.2	28.25	91.9	33.47	95.2	35.03	98.7	36.81	100.0	37.48	100.0	37.48
	43	63.6	23.00	77.4	28.96	85.1	32.31	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04
	46	60.2	24.08	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76
	48	54.2	22.89	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99
80	10	56.4	6.37	71.4	7.95	87.2	9.93	94.1	10.86	101.5	11.95	107.9	13.00	113.1	13.83
	12	56.4	6.45	71.4	8.09	87.2	10.09	94.1	11.03	101.5	12.27	107.9	13.55	113.1	14.64
	14	56.4	6.58	71.4	8.17	87.2	10.41	94.1	11.64	101.5	13.01	107.9	14.42	113.1	15.52
	16	56.4	6.66	71.4	8.41	87.2	11.08	94.1	12.43	101.5	14.10	107.9	15.64	113.1	16.96
	18	56.4	6.79	71.4	8.95	87.2	12.03	94.1	13.61	101.5	15.40	107.9	17.13	113.1	18.54
	20	56.4	7.24	71.4	9.86	87.2	13.23	94.1	15.00	101.5	16.95	107.9	18.82	113.1	20.41
	21	56.4	7.52	71.4	10.23	87.2	13.98	94.1	15.75	101.5	17.85	107.9	19.80	113.1	21.48
	23	56.4	8.29	71.4	11.42	87.2	15.44	94.1	17.47	101.5	19.77	107.9	21.88	113.1	23.49
	25	56.4	9.19	71.4	12.67	87.2	17.24	94.1	19.36	101.5	21.65	107.9	23.82	113.1	25.47
	27	56.4	10.27	71.4	14.21	87.2	18.95	94.1	21.06	101.5	23.50	107.9	25.67	113.1	27.46
	29	56.4	11.58	71.4	15.84	87.2	20.68	94.1	22.86	101.5	25.26	107.9	27.52	113.1	29.40
	31	56.4	13.03	71.4	17.26	87.2	22.11	94.1	24.45	101.5	27.08	107.9	29.56	113.1	31.63
	33	56.4	14.28	71.4	18.50	87.2	23.77	94.1	26.24	101.5	29.09	107.9	31.82	113.1	33.92
	35	56.4	15.28	71.4	19.81	87.2	25.51	94.1	28.22	101.5	31.20	107.9	34.20	113.1	36.57
	37	56.4	16.42	71.4	21.25	87.2	27.36	94.1	30.22	101.5	33.61	107.9	36.79	112.9	39.39
	39	56.4	17.56	71.4	22.81	87.2	29.42	94.1	32.52	100.5	35.62	103.3	36.88	105.5	37.86
	41	56.4	18.83	71.4	24.51	87.2	31.46	90.1	32.68	93.3	34.07	96.1	35.41	98.3	36.55
	43	56.4	20.23	71.4	26.31	80.4	30.19	83.3	31.57	86.4	33.04	86.4	33.04	86.4	33.04
	46	56.4	22.52	63.6	25.43	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76
	48	51.2	21.66	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99

7. Capacity Tables

Cooling Capacity (42HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	49.4	5.77	62.3	6.98	76.3	8.55	82.3	9.25	88.8	10.14	94.5	10.92	99.0	11.54
	12	49.4	5.84	62.3	7.07	76.3	8.65	82.3	9.45	88.8	10.31	94.5	11.14	99.0	11.78
	14	49.4	5.88	62.3	7.19	76.3	8.80	82.3	9.62	88.8	10.66	94.5	11.69	99.0	12.58
	16	49.4	5.95	62.3	7.29	76.3	9.18	82.3	10.20	88.8	11.35	94.5	12.44	99.0	13.51
	18	49.4	6.02	62.3	7.62	76.3	9.84	82.3	11.01	88.8	12.36	94.5	13.70	99.0	14.76
	20	49.4	6.29	62.3	8.16	76.3	10.84	82.3	12.12	88.8	13.65	94.5	15.03	99.0	16.27
	21	49.4	6.48	62.3	8.54	76.3	11.33	82.3	12.72	88.8	14.34	94.5	15.86	99.0	17.13
	23	49.4	7.07	62.3	9.46	76.3	12.56	82.3	14.16	88.8	15.91	94.5	17.58	99.0	18.97
	25	49.4	7.83	62.3	10.51	76.3	14.07	82.3	15.74	88.8	17.69	94.5	19.54	99.0	20.83
	27	49.4	8.68	62.3	11.76	76.3	15.74	82.3	17.52	88.8	19.36	94.5	21.24	99.0	22.67
	29	49.4	9.78	62.3	13.31	76.3	17.31	82.3	19.13	88.8	21.19	94.5	22.96	99.0	24.45
	31	49.4	11.16	62.3	14.68	76.3	18.76	82.3	20.57	88.8	22.64	94.5	24.58	99.0	26.24
	33	49.4	12.42	62.3	15.94	76.3	20.09	82.3	22.04	88.8	24.32	94.5	26.37	99.0	28.10
	35	49.4	13.35	62.3	17.04	76.3	21.56	82.3	23.63	88.8	26.10	94.5	28.25	99.0	30.19
	37	49.4	14.32	62.3	18.28	76.3	23.12	82.3	25.37	88.8	27.96	94.5	30.43	99.0	32.43
	39	49.4	15.26	62.3	19.57	76.3	24.82	82.3	27.21	88.8	30.05	94.5	32.67	99.0	34.86
	41	49.4	16.43	62.3	21.04	76.3	26.64	82.3	29.34	87.8	31.77	90.3	32.78	92.2	33.60
	43	49.4	17.65	62.3	22.55	75.7	28.23	78.3	29.30	81.0	30.52	83.5	31.58	85.4	32.54
	46	49.4	19.63	59.7	23.88	65.7	26.41	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76
	48	48.2	20.50	53.7	22.69	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99
60	10	42.4	5.19	53.5	6.09	65.4	7.29	70.6	7.85	76.0	8.45	80.9	9.10	84.7	9.56
	12	42.4	5.25	53.5	6.19	65.4	7.36	70.6	7.95	76.0	8.65	80.9	9.25	84.7	9.76
	14	42.4	5.30	53.5	6.30	65.4	7.54	70.6	8.13	76.0	8.80	80.9	9.45	84.7	9.93
	16	42.4	5.34	53.5	6.37	65.4	7.68	70.6	8.27	76.0	9.14	80.9	9.96	84.7	10.60
	18	42.4	5.41	53.5	6.45	65.4	8.01	70.6	8.83	76.0	9.81	80.9	10.76	84.7	11.48
	20	42.4	5.48	53.5	6.78	65.4	8.70	70.6	9.64	76.0	10.77	80.9	11.81	84.7	12.70
	21	42.4	5.60	53.5	7.10	65.4	9.14	70.6	10.09	76.0	11.31	80.9	12.39	84.7	13.34
	23	42.4	6.01	53.5	7.80	65.4	10.09	70.6	11.20	76.0	12.54	80.9	13.72	84.7	14.76
	25	42.4	6.57	53.5	8.60	65.4	11.26	70.6	12.50	76.0	13.91	80.9	15.35	84.7	16.48
	27	42.4	7.25	53.5	9.60	65.4	12.57	70.6	14.01	76.0	15.68	80.9	17.13	84.7	18.22
	29	42.4	8.18	53.5	10.85	65.4	14.17	70.6	15.57	76.0	17.13	80.9	18.72	84.7	19.90
	31	42.4	9.26	53.5	12.26	65.4	15.53	70.6	17.06	76.0	18.67	80.9	20.16	84.7	21.36
	33	42.4	10.56	53.5	13.51	65.4	16.78	70.6	18.30	76.0	19.98	80.9	21.63	84.7	22.92
	35	42.4	11.54	53.5	14.47	65.4	17.99	70.6	19.60	76.0	21.46	80.9	23.19	84.7	24.52
	37	42.4	12.34	53.5	15.50	65.4	19.29	70.6	21.04	76.0	22.99	80.9	24.79	84.7	26.31
	39	42.4	13.18	53.5	16.66	65.4	20.63	70.6	22.58	76.0	24.70	80.9	26.61	84.7	28.29
	41	42.4	14.23	53.5	17.87	65.4	22.13	70.6	24.15	76.0	26.51	80.9	28.62	84.7	30.41
	43	42.4	15.18	53.5	19.18	65.4	23.81	70.6	25.94	75.6	28.22	77.7	29.07	79.3	29.74
	46	42.4	16.93	53.5	21.18	61.0	24.39	63.2	25.32	65.6	26.31	66.6	26.76	66.6	26.76
	48	42.4	18.19	49.9	21.17	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99
50	10	35.3	4.67	44.5	5.37	54.6	6.23	58.8	6.62	63.4	7.07	67.5	7.54	70.7	7.85
	12	35.3	4.67	44.5	5.41	54.6	6.30	58.8	6.73	63.4	7.19	67.5	7.64	70.7	7.99
	14	35.3	4.72	44.5	5.48	54.6	6.37	58.8	6.83	63.4	7.29	67.5	7.77	70.7	8.13
	16	35.3	4.76	44.5	5.55	54.6	6.45	58.8	6.90	63.4	7.42	67.5	7.85	70.7	8.31
	18	35.3	4.83	44.5	5.62	54.6	6.58	58.8	7.10	63.4	7.74	67.5	8.35	70.7	8.83
	20	35.3	4.89	44.5	5.74	54.6	6.94	58.8	7.56	63.4	8.35	67.5	9.08	70.7	9.70
	21	35.3	4.89	44.5	5.86	54.6	7.27	58.8	7.95	63.4	8.78	67.5	9.54	70.7	10.09
	23	35.3	5.16	44.5	6.33	54.6	7.94	58.8	8.75	63.4	9.62	67.5	10.54	70.7	11.26
	25	35.3	5.52	44.5	6.97	54.6	8.82	58.8	9.65	63.4	10.68	67.5	11.71	70.7	12.55
	27	35.3	6.06	44.5	7.72	54.6	9.79	58.8	10.86	63.4	12.01	67.5	13.14	70.7	14.02
	29	35.3	6.74	44.5	8.65	54.6	11.10	58.8	12.23	63.4	13.61	67.5	14.72	70.7	15.57
	31	35.3	7.58	44.5	9.86	54.6	12.51	58.8	13.67	63.4	14.96	67.5	16.20	70.7	17.07
	33	35.3	8.69	44.5	11.14	54.6	13.75	58.8	14.95	63.4	16.15	67.5	17.33	70.7	18.30
	35	35.3	9.82	44.5	12.04	54.6	14.75	58.8	15.94	63.4	17.33	67.5	18.60	70.7	19.61
	37	35.3	10.48	44.5	12.91	54.6	15.79	58.8	17.11	63.4	18.59	67.5	19.91	70.7	21.04
	39	35.3	11.30	44.5	13.89	54.6	16.97	58.8	18.36	63.4	19.90	67.5	21.46	70.7	22.58
	41	35.3	12.11	44.5	14.90	54.6	18.21	58.8	19.74	63.4	21.35	67.5	22.92	70.7	24.28
	43	35.3	13.03	44.5	15.95	54.6	19.52	58.8	21.11	63.4	22.92	67.5	24.63	70.7	26.05
	46	35.3	14.47	44.5	17.73	54.6	21.71	58.2	23.28	60.2	24.07	61.9	24.79	63.3	25.33
	48	35.3	15.53	44.5	19.05	50.4	21.36	52.2	22.07	54.2	22.89	54.4	22.99	54.4	22.99

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM440LTE5

Cooling Capacity (44HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	96.1	11.20	121.4	15.45	148.5	22.26	160.2	25.63	172.7	29.66	183.8	33.46	192.5	36.55
	12	96.1	11.43	121.4	16.42	148.5	23.87	160.2	27.50	172.7	31.73	183.8	35.85	192.5	39.26
	14	96.1	11.91	121.4	17.82	148.5	25.77	160.2	29.71	172.7	34.33	183.8	38.73	192.5	42.20
	16	96.1	12.93	121.4	19.37	148.5	28.09	160.2	32.32	172.7	37.18	183.8	41.42	192.5	45.17
	18	96.1	14.21	121.4	21.21	148.5	30.58	160.2	34.96	172.7	39.88	183.8	44.43	192.5	48.12
	20	96.1	15.66	121.4	23.28	148.5	33.15	160.2	37.60	172.7	42.52	183.8	47.45	192.5	51.62
	21	96.1	16.50	121.4	24.45	148.5	34.27	160.2	38.80	172.7	43.97	183.8	49.17	192.5	53.48
	23	96.1	18.19	121.4	26.79	148.5	36.67	160.2	41.47	172.7	47.18	183.8	52.97	192.5	57.74
	25	96.1	20.32	121.4	28.78	148.5	39.35	160.2	44.54	172.7	50.89	183.8	57.27	190.7	61.50
	27	96.1	22.11	121.4	30.84	148.5	42.22	160.2	48.12	172.7	55.09	183.8	62.41	187.9	64.99
	29	96.1	23.76	121.4	33.03	148.5	45.42	160.2	52.00	172.7	59.98	180.6	65.61	183.8	67.85
	31	96.1	25.41	121.4	35.46	148.5	49.15	160.2	56.41	167.1	60.98	172.2	64.73	173.2	65.47
	33	96.1	27.25	121.4	38.05	147.7	52.78	153.0	56.13	157.3	59.14	157.3	59.14	157.3	59.14
	35	96.1	29.26	121.4	41.05	139.7	51.76	141.7	53.17	141.7	53.17	141.7	53.17	141.7	53.17
	37	96.1	31.49	119.6	43.46	126.5	47.49	126.5	47.49	126.5	47.49	126.5	47.49	126.5	47.49
	39	96.1	33.87	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19
	41	93.5	34.96	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16
	43	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74
	46	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91
120	10	88.7	10.16	112.1	13.73	137.1	19.10	147.8	22.05	159.5	25.41	169.7	28.61	177.8	31.34
	12	88.7	10.37	112.1	14.33	137.1	20.58	147.8	23.73	159.5	27.26	169.7	30.73	177.8	33.52
	14	88.7	10.59	112.1	15.42	137.1	22.29	147.8	25.56	159.5	29.46	169.7	33.25	177.8	36.33
	16	88.7	11.34	112.1	16.84	137.1	24.20	147.8	27.84	159.5	32.07	169.7	35.92	177.8	39.07
	18	88.7	12.45	112.1	18.48	137.1	26.39	147.8	30.31	159.5	34.62	169.7	38.69	177.8	41.87
	20	88.7	13.76	112.1	20.32	137.1	28.88	147.8	32.91	159.5	37.14	169.7	41.40	177.8	44.61
	21	88.7	14.44	112.1	21.27	137.1	30.06	147.8	34.02	159.5	38.45	169.7	42.70	177.8	46.24
	23	88.7	16.02	112.1	23.52	137.1	32.32	147.8	36.40	159.5	41.17	169.7	45.81	177.8	49.70
	25	88.7	17.86	112.1	25.57	137.1	34.57	147.8	38.96	159.5	44.24	169.7	49.33	177.8	53.61
	27	88.7	19.81	112.1	27.39	137.1	37.14	147.8	41.92	159.5	47.56	169.7	53.26	177.8	58.16
	29	88.7	21.30	112.1	29.38	137.1	39.80	147.8	45.11	159.5	51.55	169.7	58.00	177.8	63.50
	31	88.7	22.83	112.1	31.51	137.1	42.96	147.8	48.83	159.5	56.02	165.7	60.15	169.4	62.63
	33	88.7	24.52	112.1	33.85	137.1	46.43	147.4	52.63	152.7	55.83	157.3	59.14	157.3	59.14
	35	88.7	26.30	112.1	36.36	134.5	48.61	139.4	51.59	141.7	53.17	141.7	53.17	141.7	53.17
	37	88.7	28.18	112.1	39.26	126.5	47.49	126.5	47.49	126.5	47.49	126.5	47.49	126.5	47.49
	39	88.7	30.35	107.9	39.97	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19
	41	88.7	32.55	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16
	43	83.3	32.23	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74
	46	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91
110	10	81.4	9.18	102.7	12.26	125.7	16.36	135.6	18.68	146.2	21.45	155.5	24.30	162.8	26.52
	12	81.4	9.32	102.7	12.49	125.7	17.53	135.6	20.08	146.2	23.12	155.5	26.09	162.8	28.43
	14	81.4	9.53	102.7	13.24	125.7	18.93	135.6	21.76	146.2	25.07	155.5	28.12	162.8	30.69
	16	81.4	9.97	102.7	14.52	125.7	20.62	135.6	23.74	146.2	27.16	155.5	30.53	162.8	33.39
	18	81.4	10.88	102.7	15.85	125.7	22.63	135.6	25.88	146.2	29.68	155.5	33.20	162.8	35.90
	20	81.4	11.97	102.7	17.52	125.7	24.82	135.6	28.39	146.2	32.17	155.5	35.73	162.8	38.54
	21	81.4	12.58	102.7	18.34	125.7	26.05	135.6	29.54	146.2	33.42	155.5	36.99	162.8	39.86
	23	81.4	13.94	102.7	20.37	125.7	28.24	135.6	31.74	146.2	35.77	155.5	39.55	162.8	42.69
	25	81.4	15.64	102.7	22.37	125.7	30.19	135.6	33.94	146.2	38.30	155.5	42.38	162.8	45.87
	27	81.4	17.49	102.7	24.22	125.7	32.43	135.6	36.37	146.2	41.10	155.5	45.57	162.8	49.52
	29	81.4	19.04	102.7	25.96	125.7	34.72	135.6	39.08	146.2	44.23	155.5	49.26	162.8	53.53
	31	81.4	20.47	102.7	27.80	125.7	37.46	135.6	42.11	146.2	47.86	155.5	53.44	162.6	58.13
	33	81.4	21.95	102.7	29.85	125.7	40.27	135.6	45.51	146.2	51.81	150.9	54.73	154.2	56.94
	35	81.4	23.49	102.7	32.12	125.7	43.55	133.8	48.19	138.6	51.12	141.7	53.17	141.7	53.17
	37	81.4	25.24	102.7	34.52	121.5	44.55	126.0	47.18	126.5	47.49	126.5	47.49	126.5	47.49
	39	81.4	27.06	102.7	37.17	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19
	41	81.4	29.06	96.5	36.48	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16
	43	80.0	30.57	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74
	46	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91

7. Capacity Tables

Cooling Capacity (44HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	74.0	8.30	93.5	10.81	114.3	14.07	123.2	15.85	132.8	18.05	141.5	20.22	148.1	22.06
	12	74.0	8.44	93.5	11.03	114.3	14.80	123.2	16.86	132.8	19.39	141.5	21.83	148.1	23.76
	14	74.0	8.59	93.5	11.41	114.3	15.96	123.2	18.30	132.8	21.04	141.5	23.60	148.1	25.64
	16	74.0	8.73	93.5	12.40	114.3	17.41	123.2	19.97	132.8	22.86	141.5	25.59	148.1	27.87
	18	74.0	9.48	93.5	13.59	114.3	19.09	123.2	21.75	132.8	24.93	141.5	27.97	148.1	30.44
	20	74.0	10.35	93.5	14.92	114.3	20.99	123.2	23.88	132.8	27.43	141.5	30.43	148.1	32.92
	21	74.0	10.89	93.5	15.72	114.3	21.97	123.2	25.16	132.8	28.58	141.5	31.68	148.1	34.13
	23	74.0	12.07	93.5	17.35	114.3	24.28	123.2	27.40	132.8	30.79	141.5	33.91	148.1	36.53
	25	74.0	13.52	93.5	19.41	114.3	26.24	123.2	29.35	132.8	32.92	141.5	36.33	148.1	39.10
	27	74.0	15.14	93.5	21.29	114.3	28.17	123.2	31.47	132.8	35.32	141.5	39.01	148.1	41.95
	29	74.0	16.82	93.5	22.76	114.3	30.12	123.2	33.69	132.8	37.96	141.5	41.89	148.1	45.26
	31	74.0	18.21	93.5	24.44	114.3	32.39	123.2	36.25	132.8	40.70	141.5	45.23	148.1	48.98
	33	74.0	19.51	93.5	26.20	114.3	34.87	123.2	39.02	132.8	44.09	141.5	48.96	147.5	52.64
	35	74.0	20.95	93.5	28.08	114.3	37.46	123.2	42.06	132.6	47.60	136.5	49.77	139.5	51.73
	37	74.0	22.46	93.5	30.24	114.3	40.42	120.4	43.88	124.8	46.43	126.5	47.49	126.5	47.49
	39	74.0	24.14	93.5	32.44	108.9	40.50	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19
	41	74.0	25.79	92.3	34.35	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16
	43	74.0	27.75	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74
	46	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91
90	10	66.7	7.45	84.0	9.53	102.7	12.26	110.8	13.55	119.5	15.07	127.2	16.69	133.2	18.13
	12	66.7	7.57	84.0	9.75	102.7	12.49	110.8	14.03	119.5	15.93	127.2	17.90	133.2	19.47
	14	66.7	7.67	84.0	9.89	102.7	13.25	110.8	15.21	119.5	17.34	127.2	19.41	133.2	21.12
	16	66.7	7.85	84.0	10.43	102.7	14.52	110.8	16.54	119.5	18.94	127.2	21.14	133.2	22.89
	18	66.7	8.13	84.0	11.48	102.7	15.87	110.8	18.09	119.5	20.66	127.2	23.09	133.2	25.07
	20	66.7	8.97	84.0	12.64	102.7	17.52	110.8	19.91	119.5	22.69	127.2	25.32	133.2	27.55
	21	66.7	9.39	84.0	13.26	102.7	18.36	110.8	20.85	119.5	23.83	127.2	26.59	133.2	28.63
	23	66.7	10.43	84.0	14.68	102.7	20.37	110.8	23.18	119.5	26.10	127.2	28.83	133.2	30.90
	25	66.7	11.63	84.0	16.39	102.7	22.54	110.8	25.14	119.5	28.10	127.2	30.87	133.2	33.16
	27	66.7	12.99	84.0	18.29	102.7	24.29	110.8	27.03	119.5	30.13	127.2	33.04	133.2	35.46
	29	66.7	14.68	84.0	19.83	102.7	26.05	110.8	28.92	119.5	32.29	127.2	35.46	133.2	38.02
	31	66.7	16.09	84.0	21.29	102.7	27.82	110.8	31.02	119.5	34.66	127.2	38.03	133.2	40.96
	33	66.7	17.28	84.0	22.90	102.7	29.95	110.8	33.34	119.5	37.21	127.2	41.02	133.2	44.15
	35	66.7	18.44	84.0	24.49	102.7	32.12	110.8	35.81	119.5	40.15	127.2	44.46	132.8	47.62
	37	66.7	19.84	84.0	26.28	102.7	34.52	110.8	38.55	118.7	43.05	122.2	44.97	125.0	46.57
	39	66.7	21.28	84.0	28.24	102.7	37.20	107.4	39.60	111.3	41.77	112.0	42.19	112.0	42.19
	41	66.7	22.82	84.0	30.33	96.5	36.49	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16
	43	66.7	24.51	81.2	31.15	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74
	46	63.3	25.79	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91
80	10	59.1	6.69	74.8	8.40	91.3	10.54	98.6	11.56	106.3	12.80	113.0	13.95	118.4	14.86
	12	59.1	6.77	74.8	8.55	91.3	10.76	98.6	11.78	106.3	13.13	113.0	14.51	118.4	15.69
	14	59.1	6.90	74.8	8.67	91.3	11.08	98.6	12.41	106.3	14.01	113.0	15.75	118.4	17.04
	16	59.1	6.98	74.8	8.88	91.3	11.94	98.6	13.51	106.3	15.41	113.0	17.11	118.4	18.58
	18	59.1	7.12	74.8	9.62	91.3	13.09	98.6	14.83	106.3	16.80	113.0	18.70	118.4	20.33
	20	59.1	7.69	74.8	10.57	91.3	14.38	98.6	16.32	106.3	18.52	113.0	20.57	118.4	22.34
	21	59.1	8.01	74.8	11.03	91.3	15.18	98.6	17.13	106.3	19.48	113.0	21.69	118.4	23.47
	23	59.1	8.88	74.8	12.31	91.3	16.75	98.6	19.03	106.3	21.61	113.0	23.86	118.4	25.65
	25	59.1	9.85	74.8	13.70	91.3	18.74	98.6	21.06	106.3	23.66	113.0	25.97	118.4	27.75
	27	59.1	11.01	74.8	15.36	91.3	20.66	98.6	22.86	106.3	25.39	113.0	27.71	118.4	29.67
	29	59.1	12.47	74.8	17.10	91.3	22.12	98.6	24.54	106.3	27.21	113.0	29.74	118.4	31.80
	31	59.1	13.96	74.8	18.42	91.3	23.69	98.6	26.30	106.3	29.21	113.0	31.89	118.4	34.16
	33	59.1	15.13	74.8	19.72	91.3	25.52	98.6	28.18	106.3	31.33	113.0	34.37	118.4	36.68
	35	59.1	16.24	74.8	21.16	91.3	27.34	98.6	30.35	106.3	33.65	113.0	36.90	118.4	39.58
	37	59.1	17.44	74.8	22.68	91.3	29.37	98.6	32.54	106.3	36.29	113.0	39.83	118.2	42.79
	39	59.1	18.62	74.8	24.38	91.3	31.63	98.6	34.98	105.3	38.55	108.4	40.13	110.8	41.49
	41	59.1	20.02	74.8	26.25	91.3	33.88	94.6	35.47	97.9	37.16	97.9	37.16	97.9	37.16
	43	59.1	21.47	74.8	28.13	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74
	46	59.1	23.93	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91

7. Capacity Tables

Cooling Capacity (44HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	51.7	5.99	65.3	7.31	80.0	9.03	86.2	9.83	93.1	10.76	99.0	11.67	103.7	12.37
	12	51.7	6.07	65.3	7.41	80.0	9.18	86.2	10.05	93.1	10.98	99.0	11.90	103.7	12.62
	14	51.7	6.14	65.3	7.57	80.0	9.32	86.2	10.22	93.1	11.34	99.0	12.46	103.7	13.50
	16	51.7	6.22	65.3	7.67	80.0	9.71	86.2	10.88	93.1	12.26	99.0	13.58	103.7	14.72
	18	51.7	6.29	65.3	8.01	80.0	10.64	86.2	11.95	93.1	13.44	99.0	14.92	103.7	16.06
	20	51.7	6.59	65.3	8.72	80.0	11.67	86.2	13.14	93.1	14.83	99.0	16.36	103.7	17.73
	21	51.7	6.85	65.3	9.18	80.0	12.26	86.2	13.79	93.1	15.57	99.0	17.30	103.7	18.66
	23	51.7	7.50	65.3	10.12	80.0	13.58	86.2	15.33	93.1	17.31	99.0	19.15	103.7	20.69
	25	51.7	8.32	65.3	11.31	80.0	15.25	86.2	17.09	93.1	19.22	99.0	21.25	103.7	22.77
	27	51.7	9.23	65.3	12.69	80.0	17.04	86.2	19.00	93.1	21.10	99.0	23.04	103.7	24.51
	29	51.7	10.46	65.3	14.35	80.0	18.67	86.2	20.58	93.1	22.72	99.0	24.65	103.7	26.29
	31	51.7	11.92	65.3	15.76	80.0	20.05	86.2	22.01	93.1	24.33	99.0	26.43	103.7	28.17
	33	51.7	13.15	65.3	16.92	80.0	21.52	86.2	23.56	93.1	26.09	99.0	28.40	103.7	30.21
	35	51.7	14.11	65.3	18.07	80.0	23.06	86.2	25.38	93.1	28.04	99.0	30.38	103.7	32.50
	37	51.7	15.12	65.3	19.44	80.0	24.77	86.2	27.20	93.1	30.00	99.0	32.77	103.7	35.04
	39	51.7	16.17	65.3	20.86	80.0	26.56	86.2	29.23	93.1	32.29	99.0	35.23	103.7	37.63
	41	51.7	17.39	65.3	22.39	80.0	28.55	86.2	31.46	92.1	34.23	94.8	35.59	96.9	36.63
	43	51.7	18.73	65.3	24.05	79.4	30.33	82.2	31.63	84.5	32.74	84.5	32.74	84.5	32.74
	46	51.7	20.79	62.7	25.57	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	50.5	21.78	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91
60	10	44.4	5.36	56.1	6.37	68.6	7.67	74.0	8.30	79.6	8.97	84.8	9.64	88.8	10.16
	12	44.4	5.44	56.1	6.46	68.6	7.75	74.0	8.40	79.6	9.13	84.8	9.83	88.8	10.37
	14	44.4	5.49	56.1	6.58	68.6	7.93	74.0	8.59	79.6	9.32	84.8	10.00	88.8	10.59
	16	44.4	5.56	56.1	6.65	68.6	8.07	74.0	8.73	79.6	9.71	84.8	10.59	88.8	11.39
	18	44.4	5.63	56.1	6.77	68.6	8.50	74.0	9.48	79.6	10.57	84.8	11.63	88.8	12.45
	20	44.4	5.70	56.1	7.19	68.6	9.34	74.0	10.35	79.6	11.65	84.8	12.81	88.8	13.82
	21	44.4	5.85	56.1	7.51	68.6	9.82	74.0	10.88	79.6	12.23	84.8	13.44	88.8	14.50
	23	44.4	6.32	56.1	8.31	68.6	10.90	74.0	12.07	79.6	13.55	84.8	14.86	88.8	16.03
	25	44.4	6.94	56.1	9.18	68.6	12.10	74.0	13.52	79.6	15.08	84.8	16.67	88.8	17.87
	27	44.4	7.68	56.1	10.25	68.6	13.56	74.0	15.14	79.6	16.96	84.8	18.58	88.8	19.81
	29	44.4	8.67	56.1	11.63	68.6	15.27	74.0	16.82	79.6	18.57	84.8	20.19	88.8	21.39
	31	44.4	9.87	56.1	13.14	68.6	16.63	74.0	18.21	79.6	19.89	84.8	21.58	88.8	22.84
	33	44.4	11.25	56.1	14.33	68.6	17.86	74.0	19.51	79.6	21.34	84.8	23.12	88.8	24.62
	35	44.4	12.17	56.1	15.34	68.6	19.13	74.0	20.95	79.6	22.95	84.8	24.84	88.8	26.31
	37	44.4	12.95	56.1	16.41	68.6	20.56	74.0	22.46	79.6	24.56	84.8	26.61	88.8	28.19
	39	44.4	13.89	56.1	17.62	68.6	22.04	74.0	24.14	79.6	26.43	84.8	28.51	88.8	30.36
	41	44.4	14.98	56.1	18.96	68.6	23.61	74.0	25.79	79.6	28.34	84.8	30.71	88.8	32.68
	43	44.4	16.04	56.1	20.31	68.6	25.35	74.0	27.75	79.2	30.23	81.6	31.38	83.4	32.23
	46	44.4	17.91	56.1	22.55	64.2	26.22	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	44.4	19.22	52.5	22.60	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91
50	10	37.0	4.81	46.6	5.56	57.2	6.50	61.6	6.94	66.4	7.41	70.7	7.93	74.0	8.30
	12	37.0	4.81	46.6	5.63	57.2	6.58	61.6	7.06	66.4	7.57	70.7	8.03	74.0	8.44
	14	37.0	4.86	46.6	5.70	57.2	6.69	61.6	7.16	66.4	7.67	70.7	8.18	74.0	8.59
	16	37.0	4.93	46.6	5.77	57.2	6.77	61.6	7.23	66.4	7.85	70.7	8.30	74.0	8.77
	18	37.0	4.97	46.6	5.85	57.2	6.90	61.6	7.47	66.4	8.13	70.7	8.88	74.0	9.48
	20	37.0	5.04	46.6	5.96	57.2	7.36	61.6	8.08	66.4	8.92	70.7	9.74	74.0	10.46
	21	37.0	5.06	46.6	6.13	57.2	7.73	61.6	8.50	66.4	9.39	70.7	10.25	74.0	10.89
	23	37.0	5.35	46.6	6.67	57.2	8.46	61.6	9.37	66.4	10.35	70.7	11.37	74.0	12.14
	25	37.0	5.79	46.6	7.37	57.2	9.46	61.6	10.40	66.4	11.49	70.7	12.63	74.0	13.52
	27	37.0	6.38	46.6	8.17	57.2	10.51	61.6	11.63	66.4	12.91	70.7	14.16	74.0	15.15
	29	37.0	7.11	46.6	9.22	57.2	11.90	61.6	13.16	66.4	14.67	70.7	15.91	74.0	16.83
	31	37.0	8.05	46.6	10.49	57.2	13.41	61.6	14.70	66.4	16.03	70.7	17.28	74.0	18.22
	33	37.0	9.23	46.6	11.92	57.2	14.51	61.6	15.82	66.4	17.20	70.7	18.44	74.0	19.51
	35	37.0	10.32	46.6	12.69	57.2	15.63	61.6	16.92	66.4	18.44	70.7	19.83	74.0	20.95
	37	37.0	11.03	46.6	13.61	57.2	16.78	61.6	18.22	66.4	19.83	70.7	21.20	74.0	22.46
	39	37.0	11.83	46.6	14.69	57.2	18.01	61.6	19.52	66.4	21.20	70.7	22.82	74.0	24.14
	41	37.0	12.73	46.6	15.73	57.2	19.30	61.6	20.96	66.4	22.72	70.7	24.51	74.0	25.92
	43	37.0	13.68	46.6	16.83	57.2	20.74	61.6	22.47	66.4	24.43	70.7	26.29	74.0	27.85
	46	37.0	15.16	46.6	18.75	57.2	23.09	61.0	24.82	63.2	25.78	65.1	26.58	65.1	26.58
	48	37.0	16.33	46.6	20.10	53.0	22.81	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM460LTE5

Cooling Capacity (46HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	100.5	11.67	126.9	16.25	155.3	23.10	167.5	26.67	180.5	30.88	192.2	34.85	201.2	38.04
	12	100.5	11.95	126.9	16.96	155.3	24.70	167.5	28.49	180.5	32.87	192.2	37.12	200.7	40.33
	14	100.5	12.31	126.9	18.32	155.3	26.57	167.5	30.60	180.5	35.37	192.2	39.84	200.0	42.90
	16	100.5	13.22	126.9	19.88	155.3	28.81	167.5	33.14	180.5	38.19	192.2	42.72	199.2	45.67
	18	100.5	14.50	126.9	21.73	155.3	31.29	167.5	35.89	180.5	41.14	191.9	45.82	198.3	48.46
	20	100.5	16.01	126.9	23.80	155.3	34.06	167.5	38.84	180.5	43.95	191.0	48.39	197.3	51.31
	21	100.5	16.83	126.9	24.97	155.3	35.34	167.5	40.11	180.5	45.37	190.5	49.77	196.8	52.84
	23	100.5	18.59	126.9	27.52	155.3	37.90	167.5	42.73	180.5	48.51	189.4	52.90	195.7	56.25
	25	100.5	20.75	126.9	29.81	155.3	40.50	167.5	45.77	180.3	51.94	188.3	56.38	193.6	59.59
	27	100.5	22.89	126.9	31.87	155.3	43.39	167.5	49.23	179.1	55.38	187.0	60.50	190.9	62.97
	29	100.5	24.65	126.9	34.05	155.3	46.57	167.5	53.12	177.8	59.34	184.1	63.79	187.2	66.01
	31	100.5	26.30	126.9	36.47	155.3	50.26	167.5	57.47	173.7	61.54	178.6	65.26	179.4	65.97
	33	100.5	28.14	126.9	39.11	154.9	54.13	162.6	59.03	166.7	62.00	166.4	61.96	166.4	61.96
	35	100.5	30.15	126.9	42.10	150.9	56.01	153.9	58.18	153.8	58.17	153.8	58.17	153.8	58.17
	37	100.5	32.38	126.0	44.96	141.1	54.42	141.1	54.42	141.1	54.42	141.1	54.42	141.1	54.42
	39	100.5	34.76	122.1	46.19	125.0	48.09	125.0	48.09	125.0	48.09	125.0	48.09	125.0	48.09
	41	99.2	36.68	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17
	43	93.6	36.41	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81
	46	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61
	48	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31
120	10	92.7	10.57	117.2	14.43	143.3	19.92	154.5	22.90	166.7	26.45	177.4	29.83	185.8	32.62
	12	92.7	10.78	117.2	14.91	143.3	21.25	154.5	24.56	166.7	28.25	177.4	31.82	185.8	34.70
	14	92.7	11.04	117.2	15.83	143.3	22.95	154.5	26.35	166.7	30.35	177.4	34.26	185.8	37.36
	16	92.7	11.57	117.2	17.26	143.3	24.84	154.5	28.56	166.7	32.89	177.4	36.85	185.8	40.18
	18	92.7	12.69	117.2	18.87	143.3	27.01	154.5	31.03	166.7	35.54	177.4	39.85	185.8	43.25
	20	92.7	14.00	117.2	20.73	143.3	29.53	154.5	33.80	166.7	38.37	177.4	42.79	185.8	46.06
	21	92.7	14.73	117.2	21.74	143.3	30.85	154.5	35.08	166.7	39.76	177.4	44.07	185.8	47.65
	23	92.7	16.35	117.2	24.02	143.3	33.45	154.5	37.64	166.7	42.45	177.4	47.12	185.1	50.60
	25	92.7	18.23	117.2	26.40	143.3	35.68	154.5	40.17	166.7	45.47	177.4	50.51	183.9	53.84
	27	92.7	20.36	117.2	28.36	143.3	38.23	154.5	43.04	166.7	48.74	176.9	54.12	182.7	57.56
	29	92.7	22.13	117.2	30.35	143.3	40.87	154.5	46.26	166.7	52.61	175.6	57.97	181.4	61.79
	31	92.7	23.70	117.2	32.47	143.3	44.01	154.5	49.87	166.7	57.02	172.3	60.71	175.9	63.17
	33	92.7	25.35	117.2	34.81	143.3	47.46	154.3	53.82	162.3	58.73	166.7	62.01	166.5	61.98
	35	92.7	27.18	117.2	37.31	142.0	50.45	150.3	55.66	153.9	58.19	153.8	58.17	153.8	58.17
	37	92.7	29.06	117.2	40.20	137.9	52.10	141.1	54.42	141.1	54.42	141.1	54.42	141.1	54.42
	39	92.7	31.24	115.1	42.22	125.0	48.09	125.0	48.09	125.0	48.09	125.0	48.09	125.0	48.09
	41	92.7	33.49	108.7	41.74	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17
	43	90.0	34.62	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81
	46	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61
	48	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31
110	10	85.1	9.53	107.4	12.83	131.4	17.16	141.7	19.47	152.8	22.32	162.6	25.23	170.2	27.62
	12	85.1	9.68	107.4	13.07	131.4	18.06	141.7	20.75	152.8	23.95	162.6	26.98	170.2	29.47
	14	85.1	9.89	107.4	13.64	131.4	19.48	141.7	22.42	152.8	25.82	162.6	29.01	170.2	31.62
	16	85.1	10.22	107.4	14.82	131.4	21.18	141.7	24.34	152.8	27.88	162.6	31.32	170.2	34.24
	18	85.1	11.05	107.4	16.21	131.4	23.14	141.7	26.51	152.8	30.36	162.6	34.02	170.2	36.92
	20	85.1	12.18	107.4	17.90	131.4	25.37	141.7	28.97	152.8	33.04	162.6	36.84	170.2	39.83
	21	85.1	12.84	107.4	18.74	131.4	26.55	141.7	30.26	152.8	34.45	162.6	38.27	170.2	41.21
	23	85.1	14.24	107.4	20.79	131.4	29.08	141.7	32.86	152.8	36.96	162.6	40.80	170.2	43.94
	25	85.1	15.95	107.4	22.95	131.4	31.26	141.7	35.06	152.8	39.46	162.6	43.59	170.2	47.06
	27	85.1	17.88	107.4	25.12	131.4	33.49	141.7	37.48	152.8	42.23	162.6	46.74	170.2	50.66
	29	85.1	19.79	107.4	26.91	131.4	35.76	141.7	40.17	152.8	45.34	162.6	50.38	170.2	54.61
	31	85.1	21.27	107.4	28.76	131.4	38.49	141.7	43.18	152.8	48.93	162.6	54.51	169.3	58.71
	33	85.1	22.76	107.4	30.81	131.4	41.29	141.7	46.55	152.8	52.84	160.3	57.45	163.8	59.83
	35	85.1	24.36	107.4	33.08	131.4	44.55	140.8	49.77	149.0	54.82	154.0	58.20	153.8	58.17
	37	85.1	26.06	107.4	35.48	129.3	46.86	136.9	51.43	140.8	54.21	141.1	54.42	141.1	54.42
	39	85.1	27.88	107.4	38.13	123.5	47.07	125.0	48.09	125.0	48.09	125.0	48.09	125.0	48.09
	41	85.1	29.94	104.3	39.27	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17
	43	84.4	31.82	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81
	46	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61
	48	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31

7. Capacity Tables

Cooling Capacity (46HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	77.3	8.57	97.7	11.27	119.5	14.82	128.8	16.64	138.9	18.86	147.9	21.04	154.8	22.91
	12	77.3	8.72	97.7	11.53	119.5	15.39	128.8	17.43	138.9	20.00	147.9	22.55	154.8	24.59
	14	77.3	8.89	97.7	11.84	119.5	16.37	128.8	18.81	138.9	21.64	147.9	24.30	154.8	26.44
	16	77.3	9.04	97.7	12.62	119.5	17.83	128.8	20.48	138.9	23.46	147.9	26.27	154.8	28.64
	18	77.3	9.59	97.7	13.87	119.5	19.53	128.8	22.27	138.9	25.52	147.9	28.62	154.8	31.11
	20	77.3	10.52	97.7	15.23	119.5	21.44	128.8	24.40	138.9	27.99	147.9	31.19	154.8	33.82
	21	77.3	11.08	97.7	16.01	119.5	22.47	128.8	25.67	138.9	29.26	147.9	32.58	154.8	35.19
	23	77.3	12.34	97.7	17.72	119.5	24.81	128.8	28.15	138.9	31.81	147.9	35.07	154.8	37.71
	25	77.3	13.80	97.7	19.81	119.5	27.16	128.8	30.43	138.9	34.01	147.9	37.47	154.8	40.25
	27	77.3	15.48	97.7	21.98	119.5	29.17	128.8	32.49	138.9	36.39	147.9	40.12	154.8	43.13
	29	77.3	17.38	97.7	23.65	119.5	31.12	128.8	34.75	138.9	39.01	147.9	42.99	154.8	46.35
	31	77.3	19.00	97.7	25.29	119.5	33.34	128.8	37.31	138.9	41.79	147.9	46.29	154.8	50.03
	33	77.3	20.26	97.7	27.11	119.5	35.82	128.8	40.00	138.9	45.10	147.9	49.99	154.5	53.90
	35	77.3	21.75	97.7	28.99	119.5	38.45	128.8	43.04	138.8	48.67	145.4	52.48	150.5	55.81
	37	77.3	23.26	97.7	31.15	119.5	41.41	127.4	45.71	134.9	50.13	139.3	53.04	141.1	54.42
	39	77.3	24.95	97.7	33.35	116.8	43.09	122.7	46.54	125.0	48.09	125.0	48.09	125.0	48.09
	41	77.3	26.60	97.1	35.63	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17
	43	77.3	28.61	92.7	35.88	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81
	46	72.1	29.20	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61
	48	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31
90	10	69.7	7.66	87.8	9.89	107.4	12.83	115.9	14.20	124.9	15.85	133.0	17.52	139.3	18.90
	12	69.7	7.80	87.8	10.11	107.4	13.07	115.9	14.62	124.9	16.49	133.0	18.46	139.3	20.13
	14	69.7	7.89	87.8	10.26	107.4	13.65	115.9	15.58	124.9	17.81	133.0	19.97	139.3	21.73
	16	69.7	8.08	87.8	10.65	107.4	14.82	115.9	16.96	124.9	19.41	133.0	21.69	139.3	23.54
	18	69.7	8.29	87.8	11.68	107.4	16.23	115.9	18.49	124.9	21.14	133.0	23.64	139.3	25.66
	20	69.7	9.11	87.8	12.88	107.4	17.90	115.9	20.33	124.9	23.18	133.0	25.87	139.3	28.16
	21	69.7	9.55	87.8	13.52	107.4	18.75	115.9	21.32	124.9	24.36	133.0	27.16	139.3	29.32
	23	69.7	10.60	87.8	14.98	107.4	20.79	115.9	23.62	124.9	26.75	133.0	29.70	139.3	31.93
	25	69.7	11.85	87.8	16.73	107.4	23.12	115.9	25.95	124.9	29.09	133.0	31.93	139.3	34.24
	27	69.7	13.30	87.8	18.76	107.4	25.20	115.9	28.00	124.9	31.12	133.0	34.14	139.3	36.57
	29	69.7	15.05	87.8	20.67	107.4	26.96	115.9	29.89	124.9	33.31	133.0	36.49	139.3	39.12
	31	69.7	16.80	87.8	22.13	107.4	28.77	115.9	31.99	124.9	35.69	133.0	39.11	139.3	42.05
	33	69.7	18.01	87.8	23.70	107.4	30.86	115.9	34.30	124.9	38.23	133.0	42.09	139.3	45.22
	35	69.7	19.22	87.8	25.34	107.4	33.08	115.9	36.77	124.9	41.16	133.0	45.45	139.1	48.77
	37	69.7	20.62	87.8	27.14	107.4	35.48	115.9	39.57	124.5	44.23	130.5	47.55	135.2	50.36
	39	69.7	22.07	87.8	29.10	107.4	38.16	114.2	41.62	120.8	45.36	124.0	47.36	125.0	48.09
	41	69.7	23.57	87.8	31.24	104.3	39.29	108.3	41.49	109.3	42.17	109.3	42.17	109.3	42.17
	43	69.7	25.31	86.4	32.76	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81
	46	68.0	27.33	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61
	48	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31
80	10	61.8	6.87	78.2	8.67	95.5	10.96	103.1	12.07	111.1	13.40	118.2	14.65	123.8	15.63
	12	61.8	6.95	78.2	8.82	95.5	11.19	103.1	12.34	111.1	13.73	118.2	15.11	123.8	16.23
	14	61.8	7.05	78.2	8.98	95.5	11.50	103.1	12.78	111.1	14.36	118.2	16.16	123.8	17.50
	16	61.8	7.16	78.2	9.17	95.5	12.16	103.1	13.80	111.1	15.75	118.2	17.53	123.8	19.04
	18	61.8	7.30	78.2	9.76	95.5	13.34	103.1	15.15	111.1	17.20	118.2	19.14	123.8	20.81
	20	61.8	7.78	78.2	10.74	95.5	14.69	103.1	16.67	111.1	18.95	118.2	21.03	123.8	22.83
	21	61.8	8.13	78.2	11.26	95.5	15.47	103.1	17.49	111.1	19.88	118.2	22.15	123.8	23.95
	23	61.8	9.02	78.2	12.55	95.5	17.12	103.1	19.42	111.1	22.02	118.2	24.37	123.8	26.29
	25	61.8	10.04	78.2	13.99	95.5	19.14	103.1	21.53	111.1	24.34	118.2	26.83	123.8	28.75
	27	61.8	11.29	78.2	15.74	95.5	21.30	103.1	23.68	111.1	26.33	118.2	28.72	123.8	30.66
	29	61.8	12.82	78.2	17.64	95.5	22.98	103.1	25.42	111.1	28.15	118.2	30.75	123.8	32.84
	31	61.8	14.48	78.2	19.20	95.5	24.55	103.1	27.23	111.1	30.15	118.2	32.85	123.8	35.19
	33	61.8	15.80	78.2	20.51	95.5	26.38	103.1	29.11	111.1	32.27	118.2	35.32	123.8	37.70
	35	61.8	16.96	78.2	21.96	95.5	28.21	103.1	31.23	111.1	34.65	118.2	37.90	123.8	40.59
	37	61.8	18.12	78.2	23.48	95.5	30.29	103.1	33.47	111.1	37.22	118.2	40.77	123.7	43.80
	39	61.8	19.35	78.2	25.18	95.5	32.50	103.1	35.91	110.6	39.80	115.9	42.55	120.0	44.90
	41	61.8	20.75	78.2	27.05	95.5	34.81	101.1	37.57	106.8	40.59	109.0	41.92	109.3	42.17
	43	61.8	22.20	78.2	28.93	92.1	35.57	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81
	46	61.8	24.66	72.4	29.34	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61
	48	58.4	24.91	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31

7. Capacity Tables

Cooling Capacity (46HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	54.1	6.10	68.3	7.53	83.6	9.35	90.1	10.23	97.3	11.22	103.5	12.19	108.4	12.95
	12	54.1	6.19	68.3	7.62	83.6	9.53	90.1	10.46	97.3	11.45	103.5	12.43	108.4	13.24
	14	54.1	6.28	68.3	7.80	83.6	9.68	90.1	10.63	97.3	11.74	103.5	12.87	108.4	13.84
	16	54.1	6.36	68.3	7.89	83.6	9.98	90.1	11.11	97.3	12.52	103.5	13.88	108.4	15.05
	18	54.1	6.44	68.3	8.16	83.6	10.81	90.1	12.16	97.3	13.72	103.5	15.24	108.4	16.42
	20	54.1	6.64	68.3	8.86	83.6	11.87	90.1	13.38	97.3	15.11	103.5	16.71	108.4	18.11
	21	54.1	6.93	68.3	9.33	83.6	12.48	90.1	14.09	97.3	15.89	103.5	17.66	108.4	19.06
	23	54.1	7.61	68.3	10.29	83.6	13.88	90.1	15.63	97.3	17.68	103.5	19.54	108.4	21.11
	25	54.1	8.47	68.3	11.53	83.6	15.56	90.1	17.47	97.3	19.61	103.5	21.73	108.4	23.36
	27	54.1	9.47	68.3	13.00	83.6	17.44	90.1	19.51	97.3	21.82	103.5	23.88	108.4	25.46
	29	54.1	10.75	68.3	14.72	83.6	19.38	90.1	21.41	97.3	23.57	103.5	25.57	108.4	27.19
	31	54.1	12.28	68.3	16.44	83.6	20.86	90.1	22.84	97.3	25.18	103.5	27.35	108.4	29.07
	33	54.1	13.81	68.3	17.65	83.6	22.34	90.1	24.40	97.3	26.95	103.5	29.33	108.4	31.17
	35	54.1	14.77	68.3	18.81	83.6	23.88	90.1	26.22	97.3	28.90	103.5	31.31	108.4	33.40
	37	54.1	15.78	68.3	20.18	83.6	25.59	90.1	28.05	97.3	30.92	103.5	33.70	108.4	35.93
	39	54.1	16.88	68.3	21.61	83.6	27.39	90.1	30.13	97.3	33.15	103.5	36.16	108.4	38.58
	41	54.1	18.05	68.3	23.14	83.6	29.38	90.1	32.31	96.8	35.44	101.4	37.76	105.0	39.58
	43	54.1	19.39	68.3	24.80	83.3	31.37	88.1	33.59	92.6	35.80	94.4	36.81	94.4	36.81
	46	54.1	21.50	67.0	26.92	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61
	48	53.5	22.75	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31
60	10	46.4	5.44	58.6	6.52	71.7	7.89	77.3	8.57	83.3	9.32	88.7	10.00	92.9	10.57
	12	46.4	5.52	58.6	6.62	71.7	8.01	77.3	8.70	83.3	9.48	88.7	10.20	92.9	10.82
	14	46.4	5.58	58.6	6.73	71.7	8.19	77.3	8.89	83.3	9.68	88.7	10.38	92.9	11.04
	16	46.4	5.65	58.6	6.80	71.7	8.31	77.3	9.04	83.3	9.98	88.7	10.83	92.9	11.62
	18	46.4	5.72	58.6	6.95	71.7	8.64	77.3	9.59	83.3	10.74	88.7	11.84	92.9	12.69
	20	46.4	5.79	58.6	7.27	71.7	9.47	77.3	10.52	83.3	11.86	88.7	13.05	92.9	14.10
	21	46.4	5.90	58.6	7.60	71.7	9.98	77.3	11.07	83.3	12.46	88.7	13.70	92.9	14.80
	23	46.4	6.40	58.6	8.42	71.7	11.10	77.3	12.34	83.3	13.82	88.7	15.20	92.9	16.36
	25	46.4	7.06	58.6	9.36	71.7	12.35	77.3	13.80	83.3	15.43	88.7	17.01	92.9	18.24
	27	46.4	7.86	58.6	10.50	71.7	13.87	77.3	15.48	83.3	17.31	88.7	19.03	92.9	20.37
	29	46.4	8.91	58.6	11.94	71.7	15.66	77.3	17.38	83.3	19.28	88.7	20.98	92.9	22.21
	31	46.4	10.19	58.6	13.59	71.7	17.39	77.3	19.00	83.3	20.70	88.7	22.37	92.9	23.71
	33	46.4	11.72	58.6	15.01	71.7	18.63	77.3	20.26	83.3	22.16	88.7	23.96	92.9	25.44
	35	46.4	12.82	58.6	16.03	71.7	19.86	77.3	21.75	83.3	23.77	88.7	25.64	92.9	27.19
	37	46.4	13.63	58.6	17.14	71.7	21.29	77.3	23.26	83.3	25.39	88.7	27.47	92.9	29.07
	39	46.4	14.58	58.6	18.31	71.7	22.82	77.3	24.95	83.3	27.26	88.7	29.42	92.9	31.25
	41	46.4	15.63	58.6	19.66	71.7	24.39	77.3	26.60	83.3	29.17	88.7	31.57	92.9	33.57
	43	46.4	16.69	58.6	21.00	71.7	26.13	77.3	28.61	83.1	31.21	87.1	33.12	90.2	34.62
	46	46.4	18.56	58.6	23.29	69.5	28.03	72.1	29.20	72.9	29.61	72.9	29.61	72.9	29.61
	48	46.4	19.87	56.8	24.17	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31
50	10	38.7	4.84	48.8	5.65	59.8	6.64	64.4	7.12	69.4	7.62	73.9	8.16	77.4	8.57
	12	38.7	4.86	48.8	5.72	59.8	6.73	64.4	7.25	69.4	7.80	73.9	8.29	77.4	8.72
	14	38.7	4.91	48.8	5.79	59.8	6.84	64.4	7.34	69.4	7.89	73.9	8.44	77.4	8.89
	16	38.7	4.98	48.8	5.86	59.8	6.95	64.4	7.44	69.4	8.08	73.9	8.60	77.4	9.06
	18	38.7	5.02	48.8	5.94	59.8	7.05	64.4	7.63	69.4	8.29	73.9	9.00	77.4	9.62
	20	38.7	5.09	48.8	6.05	59.8	7.44	64.4	8.19	69.4	9.03	73.9	9.88	77.4	10.64
	21	38.7	5.11	48.8	6.18	59.8	7.83	64.4	8.62	69.4	9.52	73.9	10.41	77.4	11.11
	23	38.7	5.38	48.8	6.75	59.8	8.60	64.4	9.51	69.4	10.55	73.9	11.57	77.4	12.38
	25	38.7	5.86	48.8	7.50	59.8	9.64	64.4	10.62	69.4	11.75	73.9	12.88	77.4	13.80
	27	38.7	6.49	48.8	8.35	59.8	10.79	64.4	11.91	69.4	13.22	73.9	14.50	77.4	15.49
	29	38.7	7.29	48.8	9.50	59.8	12.21	64.4	13.51	69.4	15.04	73.9	16.37	77.4	17.39
	31	38.7	8.30	48.8	10.82	59.8	13.89	64.4	15.26	69.4	16.74	73.9	18.03	77.4	19.01
	33	38.7	9.60	48.8	12.44	59.8	15.23	64.4	16.53	69.4	17.97	73.9	19.20	77.4	20.30
	35	38.7	10.91	48.8	13.36	59.8	16.31	64.4	17.63	69.4	19.18	73.9	20.59	77.4	21.75
	37	38.7	11.66	48.8	14.29	59.8	17.51	64.4	18.93	69.4	20.57	73.9	22.02	77.4	23.26
	39	38.7	12.42	48.8	15.33	59.8	18.70	64.4	20.24	69.4	21.99	73.9	23.59	77.4	24.95
	41	38.7	13.32	48.8	16.37	59.8	19.99	64.4	21.68	69.4	23.52	73.9	25.33	77.4	26.73
	43	38.7	14.27	48.8	17.52	59.8	21.43	64.4	23.24	69.4	25.22	73.9	27.12	77.4	28.66
	46	38.7	15.79	48.8	19.44	59.8	23.78	64.1	25.67	67.8	27.32	71.1	28.72	72.2	29.26
	48	38.7	16.96	48.8	20.78	57.7	24.50	59.2	25.24	59.4	25.31	59.4	25.31	59.4	25.31

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM480LTE5

Cooling Capacity (48HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	104.9	12.61	132.5	17.81	162.0	25.69	174.7	29.64	185.5	33.09	193.8	35.81	200.2	38.03
	12	104.9	12.90	132.5	18.76	162.0	27.41	174.7	31.61	184.8	34.94	193.1	37.90	199.5	40.32
	14	104.9	13.38	132.5	20.28	162.0	29.44	174.7	33.93	184.1	37.25	192.3	40.36	198.6	42.89
	16	104.9	14.52	132.5	21.93	162.0	31.89	174.0	36.36	183.2	39.86	191.3	42.95	197.7	45.65
	18	104.9	15.91	132.5	23.94	162.0	34.65	173.1	39.00	182.2	42.58	190.3	45.79	196.6	48.43
	20	104.9	17.52	132.5	26.22	162.0	37.49	172.1	41.34	181.2	44.84	189.3	48.34	195.5	51.25
	21	104.9	18.44	132.5	27.48	162.0	38.72	171.6	42.42	180.7	46.06	188.7	49.71	194.9	52.78
	23	104.9	20.33	132.5	30.12	162.0	41.36	170.5	44.75	179.5	48.77	187.5	52.83	193.6	56.17
	25	104.9	22.70	132.5	32.27	160.9	43.73	169.3	47.41	178.3	51.86	186.2	56.29	191.4	59.49
	27	104.9	24.72	132.5	34.55	159.7	46.30	168.1	50.44	176.9	55.29	184.8	60.39	188.6	62.85
	29	104.9	26.50	132.5	37.00	158.4	49.12	166.7	53.72	175.5	59.22	181.7	63.65	184.9	65.89
	31	104.9	28.29	132.5	39.73	157.1	52.33	165.3	57.36	171.3	61.40	176.4	65.15	177.4	65.89
	33	104.9	30.34	132.5	42.66	155.2	55.57	160.4	58.90	164.7	61.91	164.7	61.91	164.7	61.91
	35	104.9	32.54	132.5	46.14	150.0	56.70	152.0	58.11	152.0	58.11	152.0	58.11	152.0	58.11
	37	104.9	35.04	131.6	49.63	139.3	54.35	139.3	54.35	139.3	54.35	139.3	54.35	139.3	54.35
	39	104.9	37.66	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95
	41	103.4	39.84	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04
	43	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70
	46	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28
120	10	96.8	11.38	122.3	15.70	149.6	22.04	161.3	25.48	174.0	29.41	183.3	32.35	189.3	34.30
	12	96.8	11.60	122.3	16.31	149.6	23.56	161.3	27.20	174.0	31.31	182.6	34.22	188.6	36.22
	14	96.8	11.87	122.3	17.50	149.6	25.40	161.3	29.16	174.0	33.60	181.8	36.47	187.8	38.66
	16	96.8	12.68	122.3	19.01	149.6	27.47	161.3	31.63	173.5	36.18	181.0	38.94	186.9	41.24
	18	96.8	13.92	122.3	20.82	149.6	29.86	161.3	34.32	172.6	38.73	180.0	41.69	185.9	43.98
	20	96.8	15.35	122.3	22.81	149.6	32.65	161.3	37.23	171.6	41.01	179.0	44.04	184.9	46.31
	21	96.8	16.09	122.3	23.89	149.6	33.94	161.3	38.40	171.1	42.14	178.5	45.18	184.3	47.68
	23	96.8	17.86	122.3	26.40	149.6	36.41	161.3	41.09	170.0	44.54	177.3	47.82	183.1	50.53
	25	96.8	19.92	122.3	28.67	149.6	38.86	160.4	43.48	168.8	47.19	176.1	50.75	181.9	53.76
	27	96.8	22.15	122.3	30.64	149.6	41.72	159.2	46.09	167.6	50.04	174.8	54.02	180.5	57.45
	29	96.8	23.77	122.3	32.80	149.6	44.79	157.9	48.90	166.2	53.37	173.4	57.86	179.1	61.66
	31	96.8	25.42	122.3	35.18	149.0	48.00	156.6	52.10	164.8	57.08	169.9	60.57	173.6	63.05
	33	96.8	27.21	122.3	37.81	147.6	51.04	155.0	55.43	160.1	58.60	164.7	61.91	164.7	61.91
	35	96.8	29.24	122.3	40.64	144.9	53.56	149.7	56.53	152.0	58.11	152.0	58.11	152.0	58.11
	37	96.8	31.30	122.3	43.99	139.3	54.35	139.3	54.35	139.3	54.35	139.3	54.35	139.3	54.35
	39	96.8	33.67	119.2	45.73	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95
	41	96.8	36.22	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04
	43	91.8	36.19	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70
	46	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28
110	10	88.8	10.19	112.1	13.90	137.1	18.81	147.9	21.54	159.4	24.85	169.7	28.07	177.6	30.69
	12	88.8	10.38	112.1	14.20	137.1	20.03	147.9	23.03	159.4	26.56	169.7	29.97	177.5	32.58
	14	88.8	10.60	112.1	14.97	137.1	21.54	147.9	24.84	159.4	28.60	169.7	32.13	176.8	34.64
	16	88.8	11.07	112.1	16.34	137.1	23.39	147.9	26.93	159.4	30.86	169.7	34.68	175.9	37.12
	18	88.8	12.06	112.1	17.82	137.1	25.53	147.9	29.27	159.4	33.60	169.7	37.70	175.0	39.67
	20	88.8	13.30	112.1	19.62	137.1	27.94	147.9	32.05	159.4	36.41	168.7	40.02	174.0	41.99
	21	88.8	13.97	112.1	20.56	137.1	29.27	147.9	33.35	159.4	37.76	168.2	41.12	173.5	43.18
	23	88.8	15.50	112.1	22.81	137.1	31.78	147.9	35.70	159.4	40.30	167.1	43.38	172.4	45.60
	25	88.8	17.40	112.1	25.11	137.1	33.95	147.9	38.14	159.3	42.98	166.0	45.89	171.2	48.32
	27	88.8	19.48	112.1	27.10	137.1	36.33	147.9	40.86	158.1	45.51	164.7	48.66	169.9	51.41
	29	88.8	21.25	112.1	28.97	137.1	38.94	147.9	43.96	156.8	48.27	163.4	51.81	168.6	54.77
	31	88.8	22.74	112.1	31.04	137.1	41.95	147.9	47.39	155.4	51.41	162.0	55.29	167.0	58.58
	33	88.8	24.39	112.1	33.27	137.1	45.20	146.6	50.38	154.0	54.80	158.3	57.50	161.6	59.71
	35	88.8	26.07	112.1	35.82	137.1	49.00	144.2	53.15	148.9	56.06	152.0	58.11	152.0	58.11
	37	88.8	27.97	112.1	38.53	134.3	51.41	138.8	54.04	139.3	54.35	139.3	54.35	139.3	54.35
	39	88.8	29.96	112.1	41.54	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95
	41	88.8	32.21	106.4	41.36	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04
	43	88.1	34.36	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70
	46	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28

7. Capacity Tables

Cooling Capacity (48HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	80.7	9.12	102.0	12.15	124.6	16.16	134.4	18.21	144.9	20.82	154.3	23.33	161.5	25.49
	12	80.7	9.27	102.0	12.42	124.6	16.85	134.4	19.28	144.9	22.20	154.3	25.03	161.5	27.28
	14	80.7	9.49	102.0	12.81	124.6	18.12	134.4	20.79	144.9	23.92	154.3	26.88	161.5	29.30
	16	80.7	9.65	102.0	13.88	124.6	19.66	134.4	22.60	144.9	25.91	154.3	29.04	161.5	31.66
	18	80.7	10.43	102.0	15.21	124.6	21.51	134.4	24.57	144.9	28.17	154.3	31.63	161.5	34.45
	20	80.7	11.46	102.0	16.70	124.6	23.61	134.4	26.91	144.9	30.90	154.3	34.44	161.5	37.25
	21	80.7	12.06	102.0	17.53	124.6	24.72	134.4	28.28	144.9	32.24	154.3	35.73	161.5	38.56
	23	80.7	13.40	102.0	19.40	124.6	27.30	134.4	30.81	144.9	34.66	154.3	38.19	161.5	41.16
	25	80.7	14.97	102.0	21.69	124.6	29.47	134.4	32.97	144.9	36.97	154.3	40.87	160.6	43.55
	27	80.7	16.84	102.0	23.78	124.6	31.55	134.4	35.27	144.9	39.64	154.3	43.87	159.4	46.11
	29	80.7	18.78	102.0	25.41	124.6	33.68	134.4	37.75	144.9	42.59	153.4	46.61	158.1	48.98
	31	80.7	20.23	102.0	27.19	124.6	36.22	134.4	40.62	144.9	45.76	152.1	49.58	156.8	52.18
	33	80.7	21.64	102.0	29.15	124.6	38.94	134.4	43.75	144.6	49.41	150.7	52.82	155.1	55.44
	35	80.7	23.20	102.0	31.26	124.6	41.93	134.4	47.29	143.1	52.57	146.8	54.71	149.8	56.67
	37	80.7	24.84	102.0	33.62	124.6	45.36	133.0	50.55	137.6	53.29	139.3	54.35	139.3	54.35
	39	80.7	26.66	102.0	36.10	120.2	46.26	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95
	41	80.7	28.52	101.4	38.72	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04
	43	80.7	30.71	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70
	46	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28
90	10	72.7	8.12	91.7	10.60	112.1	13.90	120.9	15.46	130.4	17.33	138.8	19.23	145.4	20.92
	12	72.7	8.26	91.7	10.86	112.1	14.20	120.9	15.99	130.4	18.20	138.8	20.48	145.4	22.34
	14	72.7	8.39	91.7	11.02	112.1	14.98	120.9	17.23	130.4	19.68	138.8	22.06	145.4	24.07
	16	72.7	8.58	91.7	11.59	112.1	16.34	120.9	18.69	130.4	21.42	138.8	23.94	145.4	25.99
	18	72.7	8.89	91.7	12.77	112.1	17.83	120.9	20.36	130.4	23.27	138.8	26.07	145.4	28.32
	20	72.7	9.86	91.7	14.04	112.1	19.66	120.9	22.38	130.4	25.50	138.8	28.52	145.4	31.08
	21	72.7	10.33	91.7	14.76	112.1	20.57	120.9	23.44	130.4	26.82	138.8	29.97	145.4	32.35
	23	72.7	11.48	91.7	16.36	112.1	22.81	120.9	25.97	130.4	29.36	138.8	32.45	145.4	34.77
	25	72.7	12.85	91.7	18.24	112.1	25.24	120.9	28.18	130.4	31.51	138.8	34.66	145.4	37.21
	27	72.7	14.37	91.7	20.47	112.1	27.17	120.9	30.21	130.4	33.76	138.8	37.08	145.4	39.84
	29	72.7	16.28	91.7	22.10	112.1	29.08	120.9	32.32	130.4	36.17	138.8	39.78	145.4	42.72
	31	72.7	17.88	91.7	23.68	112.1	31.06	120.9	34.67	130.4	38.77	138.8	42.69	145.4	46.04
	33	72.7	19.17	91.7	25.42	112.1	33.38	120.9	37.21	130.4	41.71	138.8	46.13	144.9	49.45
	35	72.7	20.44	91.7	27.16	112.1	35.82	120.9	40.00	130.4	45.05	138.8	50.04	143.3	52.59
	37	72.7	21.94	91.7	29.17	112.1	38.53	120.9	43.18	130.0	48.73	135.0	51.83	137.8	53.43
	39	72.7	23.51	91.7	31.30	112.1	41.63	118.7	45.36	122.6	47.53	123.3	47.95	123.3	47.95
	41	72.7	25.13	91.7	33.64	106.4	41.37	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04
	43	72.7	27.01	89.7	35.11	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70
	46	69.9	28.73	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28
80	10	64.5	7.24	81.6	9.25	99.6	11.82	107.5	13.07	115.9	14.53	123.3	15.93	129.2	17.10
	12	64.5	7.32	81.6	9.42	99.6	12.06	107.5	13.35	115.9	14.93	123.3	16.54	129.2	17.90
	14	64.5	7.46	81.6	9.58	99.6	12.38	107.5	13.96	115.9	15.88	123.3	17.85	129.2	19.36
	16	64.5	7.57	81.6	9.78	99.6	13.35	107.5	15.18	115.9	17.37	123.3	19.34	129.2	21.04
	18	64.5	7.74	81.6	10.61	99.6	14.64	107.5	16.64	115.9	18.91	123.3	21.10	129.2	22.92
	20	64.5	8.37	81.6	11.66	99.6	16.08	107.5	18.27	115.9	20.82	123.3	23.12	129.2	25.13
	21	64.5	8.76	81.6	12.21	99.6	16.91	107.5	19.19	115.9	21.81	123.3	24.33	129.2	26.34
	23	64.5	9.73	81.6	13.62	99.6	18.72	107.5	21.25	115.9	24.17	123.3	26.83	129.2	28.89
	25	64.5	10.83	81.6	15.20	99.6	20.89	107.5	23.58	115.9	26.54	123.3	29.09	129.2	31.14
	27	64.5	12.16	81.6	17.07	99.6	23.07	107.5	25.58	115.9	28.40	123.3	31.03	129.2	33.23
	29	64.5	13.83	81.6	19.03	99.6	24.66	107.5	27.36	115.9	30.38	123.3	33.28	129.2	35.60
	31	64.5	15.53	81.6	20.49	99.6	26.41	107.5	29.32	115.9	32.61	123.3	35.64	129.2	38.25
	33	64.5	16.75	81.6	21.90	99.6	28.39	107.5	31.37	115.9	34.94	123.3	38.41	129.2	41.09
	35	64.5	17.95	81.6	23.47	99.6	30.38	107.5	33.74	115.9	37.55	123.3	41.28	129.2	44.37
	37	64.5	19.25	81.6	25.12	99.6	32.65	107.5	36.26	115.9	40.52	123.3	44.60	129.1	48.10
	39	64.5	20.53	81.6	26.96	99.6	35.13	107.5	39.03	115.4	43.49	119.7	45.89	122.1	47.25
	41	64.5	22.03	81.6	28.99	99.6	37.76	104.5	40.35	107.8	42.04	107.8	42.04	107.8	42.04
	43	64.5	23.61	81.6	31.10	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70
	46	64.5	26.23	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28

7. Capacity Tables

Cooling Capacity (48HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	56.4	6.40	71.3	7.95	87.3	10.00	94.1	10.96	101.5	12.10	108.0	13.19	113.1	14.02
	12	56.4	6.48	71.3	8.08	87.3	10.19	94.1	11.23	101.5	12.33	108.0	13.48	113.1	14.37
	14	56.4	6.58	71.3	8.26	87.3	10.38	94.1	11.41	101.5	12.68	108.0	14.06	113.1	15.24
	16	56.4	6.66	71.3	8.39	87.3	10.76	94.1	12.11	101.5	13.73	108.0	15.26	113.1	16.59
	18	56.4	6.76	71.3	8.73	87.3	11.80	94.1	13.31	101.5	15.05	108.0	16.75	113.1	18.08
	20	56.4	7.08	71.3	9.56	87.3	12.93	94.1	14.65	101.5	16.56	108.0	18.36	113.1	19.88
	21	56.4	7.41	71.3	10.06	87.3	13.62	94.1	15.37	101.5	17.41	108.0	19.37	113.1	20.89
	23	56.4	8.14	71.3	11.16	87.3	15.12	94.1	17.05	101.5	19.31	108.0	21.39	113.1	23.15
	25	56.4	9.07	71.3	12.48	87.3	16.95	94.1	19.07	101.5	21.49	108.0	23.79	113.1	25.52
	27	56.4	10.14	71.3	14.05	87.3	18.97	94.1	21.23	101.5	23.63	108.0	25.72	113.1	27.40
	29	56.4	11.53	71.3	15.93	87.3	20.81	94.1	22.93	101.5	25.32	108.0	27.52	113.1	29.32
	31	56.4	13.19	71.3	17.53	87.3	22.27	94.1	24.47	101.5	27.07	108.0	29.45	113.1	31.42
	33	56.4	14.56	71.3	18.75	87.3	23.90	94.1	26.21	101.5	28.99	108.0	31.60	113.1	33.66
	35	56.4	15.60	71.3	20.00	87.3	25.57	94.1	28.18	101.5	31.16	108.0	33.83	113.1	36.22
	37	56.4	16.70	71.3	21.48	87.3	27.43	94.1	30.17	101.5	33.38	108.0	36.51	113.1	39.07
	39	56.4	17.84	71.3	23.03	87.3	29.39	94.1	32.44	101.5	35.89	108.0	39.29	113.1	42.09
	41	56.4	19.10	71.3	24.63	87.3	31.61	94.1	34.89	101.0	38.44	104.7	40.47	106.8	41.51
	43	56.4	20.54	71.3	26.48	87.0	33.81	90.7	35.59	93.0	36.70	93.0	36.70	93.0	36.70
	46	56.4	22.78	69.3	28.51	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	55.8	24.15	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28
60	10	48.4	5.66	61.2	6.85	74.8	8.39	80.7	9.12	86.9	9.93	92.5	10.75	96.9	11.38
	12	48.4	5.74	61.2	6.96	74.8	8.51	80.7	9.25	86.9	10.14	92.5	10.96	96.9	11.64
	14	48.4	5.80	61.2	7.07	74.8	8.70	80.7	9.49	86.9	10.34	92.5	11.18	96.9	11.87
	16	48.4	5.88	61.2	7.17	74.8	8.85	80.7	9.65	86.9	10.75	92.5	11.76	96.9	12.73
	18	48.4	5.97	61.2	7.32	74.8	9.32	80.7	10.43	86.9	11.70	92.5	12.93	96.9	13.92
	20	48.4	6.04	61.2	7.80	74.8	10.24	80.7	11.46	86.9	12.91	92.5	14.25	96.9	15.41
	21	48.4	6.23	61.2	8.16	74.8	10.81	80.7	12.05	86.9	13.56	92.5	14.96	96.9	16.15
	23	48.4	6.78	61.2	9.07	74.8	12.01	80.7	13.40	86.9	15.05	92.5	16.56	96.9	17.91
	25	48.4	7.52	61.2	10.08	74.8	13.38	80.7	14.97	86.9	16.78	92.5	18.58	96.9	19.94
	27	48.4	8.41	61.2	11.29	74.8	15.01	80.7	16.84	86.9	18.88	92.5	20.75	96.9	22.15
	29	48.4	9.50	61.2	12.83	74.8	16.96	80.7	18.78	86.9	20.71	92.5	22.47	96.9	23.85
	31	48.4	10.89	61.2	14.62	74.8	18.52	80.7	20.23	86.9	22.14	92.5	23.98	96.9	25.43
	33	48.4	12.47	61.2	15.88	74.8	19.81	80.7	21.64	86.9	23.72	92.5	25.70	96.9	27.35
	35	48.4	13.46	61.2	16.94	74.8	21.19	80.7	23.20	86.9	25.42	92.5	27.52	96.9	29.25
	37	48.4	14.31	61.2	18.14	74.8	22.73	80.7	24.84	86.9	27.22	92.5	29.51	96.9	31.31
	39	48.4	15.33	61.2	19.41	74.8	24.34	80.7	26.66	86.9	29.25	92.5	31.64	96.9	33.69
	41	48.4	16.46	61.2	20.86	74.8	26.04	80.7	28.52	86.9	31.39	92.5	34.05	96.9	36.30
	43	48.4	17.61	61.2	22.26	74.8	27.93	80.7	30.71	86.7	33.64	90.1	35.34	91.9	36.19
	46	48.4	19.59	61.2	24.75	70.8	29.16	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	48.4	20.94	57.8	24.97	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28
50	10	40.3	5.00	50.9	5.88	62.4	6.98	67.2	7.52	72.5	8.08	77.1	8.70	80.7	9.12
	12	40.3	5.02	50.9	5.97	62.4	7.09	67.2	7.63	72.5	8.26	77.1	8.83	80.7	9.31
	14	40.3	5.08	50.9	6.04	62.4	7.21	67.2	7.76	72.5	8.39	77.1	8.99	80.7	9.49
	16	40.3	5.15	50.9	6.12	62.4	7.32	67.2	7.86	72.5	8.58	77.1	9.15	80.7	9.67
	18	40.3	5.21	50.9	6.22	62.4	7.46	67.2	8.08	72.5	8.89	77.1	9.75	80.7	10.43
	20	40.3	5.28	50.9	6.32	62.4	7.98	67.2	8.81	72.5	9.77	77.1	10.71	80.7	11.55
	21	40.3	5.30	50.9	6.55	62.4	8.40	67.2	9.27	72.5	10.29	77.1	11.31	80.7	12.06
	23	40.3	5.66	50.9	7.20	62.4	9.26	67.2	10.26	72.5	11.43	77.1	12.55	80.7	13.44
	25	40.3	6.19	50.9	7.98	62.4	10.37	67.2	11.48	72.5	12.71	77.1	13.98	80.7	15.01
	27	40.3	6.88	50.9	8.93	62.4	11.60	67.2	12.86	72.5	14.32	77.1	15.72	80.7	16.85
	29	40.3	7.75	50.9	10.14	62.4	13.19	67.2	14.60	72.5	16.26	77.1	17.76	80.7	18.79
	31	40.3	8.83	50.9	11.58	62.4	14.93	67.2	16.36	72.5	17.82	77.1	19.19	80.7	20.24
	33	40.3	10.20	50.9	13.18	62.4	16.11	67.2	17.54	72.5	19.08	77.1	20.50	80.7	21.65
	35	40.3	11.43	50.9	14.07	62.4	17.28	67.2	18.73	72.5	20.43	77.1	22.00	80.7	23.20
	37	40.3	12.21	50.9	15.03	62.4	18.53	67.2	20.09	72.5	21.93	77.1	23.49	80.7	24.84
	39	40.3	13.03	50.9	16.15	62.4	19.86	67.2	21.50	72.5	23.42	77.1	25.20	80.7	26.66
	41	40.3	13.96	50.9	17.27	62.4	21.20	67.2	23.06	72.5	25.07	77.1	27.08	80.7	28.59
	43	40.3	14.99	50.9	18.46	62.4	22.75	67.2	24.74	72.5	26.92	77.1	29.02	80.7	30.76
	46	40.3	16.55	50.9	20.55	62.4	25.32	66.9	27.40	69.8	28.72	71.7	29.52	71.7	29.52
	48	40.3	17.80	50.9	21.94	58.3	25.18	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM500LTE5

Cooling Capacity (50HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	109.2	12.30	138.0	16.79	168.8	23.44	182.0	26.87	196.2	31.12	208.9	35.10	218.7	38.34
	12	109.2	12.56	138.0	17.48	168.8	25.06	182.0	28.91	196.2	33.36	208.9	37.63	218.7	41.10
	14	109.2	12.90	138.0	18.74	168.8	27.05	182.0	31.17	196.2	36.04	208.9	40.52	218.7	44.25
	16	109.2	13.71	138.0	20.46	168.8	29.49	182.0	33.87	196.2	39.01	208.9	43.55	218.7	47.53
	18	109.2	15.08	138.0	22.40	168.8	32.11	182.0	36.75	196.2	42.09	208.9	46.95	218.7	50.96
	20	109.2	16.66	138.0	24.56	168.8	35.00	182.0	39.85	196.2	45.24	208.9	50.34	218.7	54.52
	21	109.2	17.53	138.0	25.82	168.8	36.38	182.0	41.26	196.2	46.72	208.9	52.03	218.7	56.39
	23	109.2	19.36	138.0	28.40	168.8	39.24	182.0	44.19	196.2	50.08	208.9	55.79	218.7	60.60
	25	109.2	21.59	138.0	30.87	168.8	42.02	182.0	47.35	196.2	53.77	208.9	60.05	217.8	64.81
	27	109.2	23.78	138.0	33.18	168.8	44.95	182.0	50.92	196.2	57.94	208.9	65.11	216.4	69.25
	29	109.2	25.80	138.0	35.50	168.8	48.32	182.0	54.86	196.2	62.68	207.3	69.33	214.0	73.55
	31	109.2	27.56	138.0	38.09	168.8	52.04	182.0	59.23	193.4	65.85	203.1	72.05	207.6	74.93
	33	109.2	29.54	138.0	40.84	168.4	55.94	178.4	61.65	187.8	67.38	192.4	70.15	195.9	72.60
	35	109.2	31.69	138.0	43.94	164.4	57.73	171.1	61.78	176.2	64.84	177.9	65.96	177.9	65.96
	37	109.2	34.01	137.1	46.88	155.1	56.42	159.0	58.79	159.0	58.79	159.0	58.79	159.0	58.79
	39	109.2	36.55	133.2	48.15	140.8	52.19	140.8	52.19	140.8	52.19	140.8	52.19	140.8	52.19
	41	107.9	38.57	122.7	45.66	123.2	45.93	123.2	45.93	123.2	45.93	123.2	45.93	123.2	45.93
	43	102.3	38.40	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34
	46	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58
	48	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99
120	10	100.8	11.20	127.4	15.03	155.8	20.36	168.0	23.29	181.2	26.63	192.8	30.03	202.0	32.91
	12	100.8	11.39	127.4	15.50	155.8	21.59	168.0	24.89	181.2	28.65	192.8	32.26	202.0	35.24
	14	100.8	11.64	127.4	16.34	155.8	23.43	168.0	26.89	181.2	30.89	192.8	34.87	202.0	38.07
	16	100.8	12.19	127.4	17.79	155.8	25.44	168.0	29.22	181.2	33.59	192.8	37.67	202.0	41.05
	18	100.8	13.25	127.4	19.53	155.8	27.78	168.0	31.83	181.2	36.38	192.8	40.76	202.0	44.20
	20	100.8	14.64	127.4	21.48	155.8	30.43	168.0	34.72	181.2	39.40	192.8	43.96	202.0	47.43
	21	100.8	15.38	127.4	22.50	155.8	31.77	168.0	36.09	181.2	40.86	192.8	45.49	202.0	49.09
	23	100.8	17.09	127.4	24.92	155.8	34.49	168.0	38.95	181.2	43.87	192.8	48.68	202.0	52.55
	25	100.8	19.04	127.4	27.33	155.8	37.08	168.0	41.67	181.2	47.02	192.8	52.19	202.0	56.51
	27	100.8	21.23	127.4	29.57	155.8	39.73	168.0	44.64	181.2	50.40	192.8	56.08	202.0	61.00
	29	100.8	23.18	127.4	31.71	155.8	42.55	168.0	47.99	181.2	54.39	192.8	60.78	202.0	66.08
	31	100.8	24.90	127.4	33.97	155.8	45.80	168.0	51.69	181.2	58.82	190.8	64.34	197.8	68.51
	33	100.8	26.66	127.4	36.40	155.8	49.27	167.8	55.66	177.8	61.10	186.6	66.66	189.9	68.59
	35	100.8	28.61	127.4	39.07	154.5	52.36	163.8	57.43	170.8	61.63	175.0	64.05	177.9	65.96
	37	100.8	30.63	127.4	42.06	150.4	53.94	154.8	56.28	159.0	58.79	159.0	58.79	159.0	58.79
	39	100.8	32.90	125.3	44.11	139.6	51.48	140.8	52.19	140.8	52.19	140.8	52.19	140.8	52.19
	41	100.8	35.24	118.9	43.72	123.2	45.93	123.2	45.93	123.2	45.93	123.2	45.93	123.2	45.93
	43	98.1	36.52	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34
	46	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58
	48	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99
110	10	92.5	10.15	116.7	13.40	142.8	17.68	154.0	19.92	166.1	22.73	176.7	25.50	185.0	27.78
	12	92.5	10.29	116.7	13.67	142.8	18.57	154.0	21.13	166.1	24.28	176.7	27.37	185.0	29.87
	14	92.5	10.52	116.7	14.22	142.8	19.91	154.0	22.90	166.1	26.36	176.7	29.56	185.0	32.24
	16	92.5	10.83	116.7	15.36	142.8	21.77	154.0	24.94	166.1	28.54	176.7	32.07	185.0	35.01
	18	92.5	11.63	116.7	16.83	142.8	23.83	154.0	27.24	166.1	31.15	176.7	34.91	185.0	37.84
	20	92.5	12.78	116.7	18.58	142.8	26.17	154.0	29.87	166.1	33.96	176.7	37.85	185.0	40.86
	21	92.5	13.45	116.7	19.48	142.8	27.42	154.0	31.18	166.1	35.46	176.7	39.26	185.0	42.47
	23	92.5	14.93	116.7	21.60	142.8	30.06	154.0	33.83	166.1	38.26	176.7	42.19	185.0	45.46
	25	92.5	16.73	116.7	23.83	142.8	32.52	154.0	36.38	166.1	40.87	176.7	45.16	185.0	48.71
	27	92.5	18.66	116.7	26.14	142.8	34.87	154.0	38.98	166.1	43.82	176.7	48.43	185.0	52.35
	29	92.5	20.61	116.7	28.10	142.8	37.29	154.0	41.84	166.1	47.03	176.7	52.11	185.0	56.41
	31	92.5	22.38	116.7	30.09	142.8	40.13	154.0	44.96	166.1	50.75	176.7	56.26	184.9	60.98
	33	92.5	23.97	116.7	32.27	142.8	43.10	154.0	48.37	166.1	54.66	174.4	59.30	180.7	63.02
	35	92.5	25.69	116.7	34.71	142.8	46.39	153.1	51.68	162.3	56.67	169.2	60.66	172.2	62.38
	37	92.5	27.50	116.7	37.19	140.7	48.71	149.2	53.35	154.1	55.86	157.9	58.16	159.0	58.79
	39	92.5	29.47	116.7	40.01	134.9	48.93	138.9	51.07	140.8	52.19	140.8	52.19	140.8	52.19
	41	92.5	31.61	113.6	41.24	123.2	45.93	123.2	45.93	123.2	45.93	123.2	45.93	123.2	45.93
	43	91.8	33.57	105.0	39.61	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34
	46	81.9	32.46	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58
	48	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99

7. Capacity Tables

Cooling Capacity (50HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	84.1	9.19	106.2	11.89	129.8	15.37	140.0	17.16	150.9	19.32	160.7	21.46	168.3	23.30
	12	84.1	9.32	106.2	12.14	129.8	15.92	140.0	17.94	150.9	20.42	160.7	22.92	168.3	24.92
	14	84.1	9.52	106.2	12.43	129.8	16.84	140.0	19.29	150.9	22.11	160.7	24.80	168.3	26.97
	16	84.1	9.65	106.2	13.18	129.8	18.36	140.0	21.05	150.9	24.04	160.7	26.96	168.3	29.32
	18	84.1	10.18	106.2	14.45	129.8	20.14	140.0	22.94	150.9	26.27	160.7	29.37	168.3	31.90
	20	84.1	11.14	106.2	15.90	129.8	22.20	140.0	25.23	150.9	28.79	160.7	32.06	168.3	34.74
	21	84.1	11.68	106.2	16.68	129.8	23.25	140.0	26.52	150.9	30.16	160.7	33.54	168.3	36.20
	23	84.1	12.98	106.2	18.45	129.8	25.67	140.0	29.11	150.9	32.81	160.7	36.26	168.3	39.03
	25	84.1	14.47	106.2	20.66	129.8	28.11	140.0	31.53	150.9	35.34	160.7	38.86	168.3	41.75
	27	84.1	16.22	106.2	22.89	129.8	30.43	140.0	33.88	150.9	37.83	160.7	41.70	168.3	44.75
	29	84.1	18.17	106.2	24.75	129.8	32.52	140.0	36.24	150.9	40.62	160.7	44.67	168.3	48.08
	31	84.1	19.97	106.2	26.57	129.8	34.88	140.0	38.88	150.9	43.51	160.7	48.08	168.3	51.78
	33	84.1	21.37	106.2	28.44	129.8	37.44	140.0	41.75	150.9	46.92	160.7	51.80	168.0	55.68
	35	84.1	22.91	106.2	30.45	129.8	40.18	140.0	44.88	150.8	50.50	158.2	54.30	164.0	57.68
	37	84.1	24.60	106.2	32.78	129.8	43.24	138.6	47.66	146.9	51.98	152.1	54.87	154.9	56.40
	39	84.1	26.35	106.2	35.12	127.1	45.00	133.9	48.42	137.8	50.51	140.8	52.19	140.8	52.19
	41	84.1	28.19	105.6	37.43	119.7	44.11	123.2	45.93	123.2	45.93	123.2	45.93	123.2	45.93
	43	84.1	30.29	101.2	37.83	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34
	46	78.9	31.14	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58
	48	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99
90	10	75.7	8.28	95.5	10.52	116.8	13.40	126.0	14.78	135.8	16.40	144.6	18.03	151.4	19.42
	12	75.7	8.40	95.5	10.72	116.8	13.67	126.0	15.18	135.8	17.03	144.6	18.96	151.4	20.50
	14	75.7	8.51	95.5	10.90	116.8	14.23	126.0	16.09	135.8	18.23	144.6	20.39	151.4	22.20
	16	75.7	8.71	95.5	11.26	116.8	15.37	126.0	17.46	135.8	19.93	144.6	22.28	151.4	24.14
	18	75.7	8.91	95.5	12.24	116.8	16.84	126.0	19.11	135.8	21.81	144.6	24.33	151.4	26.37
	20	75.7	9.67	95.5	13.46	116.8	18.59	126.0	21.09	135.8	23.94	144.6	26.72	151.4	28.99
	21	75.7	10.13	95.5	14.14	116.8	19.49	126.0	22.10	135.8	25.14	144.6	28.03	151.4	30.21
	23	75.7	11.22	95.5	15.69	116.8	21.61	126.0	24.48	135.8	27.68	144.6	30.67	151.4	32.92
	25	75.7	12.50	95.5	17.50	116.8	23.95	126.0	26.90	135.8	30.15	144.6	33.21	151.4	35.52
	27	75.7	13.98	95.5	19.58	116.8	26.22	126.0	29.16	135.8	32.47	144.6	35.53	151.4	38.04
	29	75.7	15.82	95.5	21.55	116.8	28.22	126.0	31.20	135.8	34.76	144.6	38.03	151.4	40.67
	31	75.7	17.59	95.5	23.23	116.8	30.10	126.0	33.43	135.8	37.22	144.6	40.76	151.4	43.71
	33	75.7	18.99	95.5	24.97	116.8	32.40	126.0	35.91	135.8	39.93	144.6	43.84	151.4	47.07
	35	75.7	20.29	95.5	26.68	116.8	34.71	126.0	38.47	135.8	42.96	144.6	47.29	151.2	50.64
	37	75.7	21.79	95.5	28.61	116.8	37.19	126.0	41.36	135.4	46.12	142.1	49.49	147.3	52.23
	39	75.7	23.41	95.5	30.71	116.8	40.03	124.3	43.51	131.7	47.35	135.6	49.31	138.0	50.53
	41	75.7	25.02	95.5	32.93	113.7	41.25	118.4	43.48	121.9	45.26	123.2	45.93	123.2	45.93
	43	75.7	26.90	94.1	34.67	105.1	39.61	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34
	46	74.0	29.11	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58
	48	66.8	27.89	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99
80	10	67.2	7.45	85.0	9.30	103.8	11.59	112.0	12.70	120.8	13.98	128.5	15.22	134.6	16.21
	12	67.2	7.55	85.0	9.44	103.8	11.79	112.0	12.91	120.8	14.30	128.5	15.67	134.6	16.80
	14	67.2	7.66	85.0	9.58	103.8	12.10	112.0	13.37	120.8	14.96	128.5	16.64	134.6	17.95
	16	67.2	7.76	85.0	9.79	103.8	12.76	112.0	14.30	120.8	16.28	128.5	18.08	134.6	19.58
	18	67.2	7.94	85.0	10.32	103.8	13.90	112.0	15.75	120.8	17.80	128.5	19.78	134.6	21.44
	20	67.2	8.36	85.0	11.34	103.8	15.31	112.0	17.34	120.8	19.63	128.5	21.75	134.6	23.61
	21	67.2	8.69	85.0	11.84	103.8	16.14	112.0	18.21	120.8	20.62	128.5	22.89	134.6	24.76
	23	67.2	9.61	85.0	13.20	103.8	17.85	112.0	20.21	120.8	22.84	128.5	25.25	134.6	27.24
	25	67.2	10.64	85.0	14.67	103.8	19.93	112.0	22.39	120.8	25.24	128.5	27.80	134.6	29.73
	27	67.2	11.95	85.0	16.46	103.8	22.15	112.0	24.60	120.8	27.44	128.5	29.92	134.6	31.96
	29	67.2	13.49	85.0	18.45	103.8	24.11	112.0	26.61	120.8	29.43	128.5	32.09	134.6	34.23
	31	67.2	15.23	85.0	20.20	103.8	25.79	112.0	28.55	120.8	31.57	128.5	34.33	134.6	36.75
	33	67.2	16.69	85.0	21.60	103.8	27.75	112.0	30.57	120.8	33.78	128.5	36.97	134.6	39.34
	35	67.2	17.93	85.0	23.15	103.8	29.72	112.0	32.83	120.8	36.32	128.5	39.66	134.6	42.34
	37	67.2	19.22	85.0	24.85	103.8	31.89	112.0	35.16	120.8	38.97	128.5	42.60	134.5	45.64
	39	67.2	20.55	85.0	26.61	103.8	34.23	112.0	37.77	120.3	41.65	126.2	44.49	130.8	46.83
	41	67.2	22.05	85.0	28.62	103.8	36.63	110.0	39.44	116.5	42.52	119.3	43.86	121.5	45.00
	43	67.2	23.70	85.0	30.65	100.4	37.49	103.3	38.87	106.4	40.34	106.4	40.34	106.4	40.34
	46	67.2	26.26	79.2	31.25	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58
	48	63.8	26.66	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99

7. Capacity Tables

Cooling Capacity (50HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	58.8	6.72	74.2	8.14	90.9	9.99	98.0	10.83	105.7	11.84	112.5	12.78	117.8	13.53
	12	58.8	6.81	74.2	8.24	90.9	10.15	98.0	11.07	105.7	12.05	112.5	13.05	117.8	13.81
	14	58.8	6.86	74.2	8.40	90.9	10.29	98.0	11.23	105.7	12.37	112.5	13.47	117.8	14.44
	16	58.8	6.95	74.2	8.51	90.9	10.61	98.0	11.72	105.7	13.08	112.5	14.38	117.8	15.57
	18	58.8	7.03	74.2	8.79	90.9	11.36	98.0	12.70	105.7	14.28	112.5	15.81	117.8	17.05
	20	58.8	7.24	74.2	9.44	90.9	12.49	98.0	14.01	105.7	15.76	112.5	17.38	117.8	18.82
	21	58.8	7.51	74.2	9.89	90.9	13.09	98.0	14.72	105.7	16.56	112.5	18.34	117.8	19.77
	23	58.8	8.21	74.2	10.94	90.9	14.53	98.0	16.35	105.7	18.40	112.5	20.29	117.8	21.90
	25	58.8	9.07	74.2	12.19	90.9	16.30	98.0	18.25	105.7	20.44	112.5	22.61	117.8	24.22
	27	58.8	10.08	74.2	13.65	90.9	18.23	98.0	20.35	105.7	22.67	112.5	24.81	117.8	26.48
	29	58.8	11.39	74.2	15.45	90.9	20.23	98.0	22.37	105.7	24.71	112.5	26.79	117.8	28.48
	31	58.8	12.94	74.2	17.24	90.9	21.92	98.0	23.98	105.7	26.42	112.5	28.63	117.8	30.50
	33	58.8	14.56	74.2	18.64	90.9	23.49	98.0	25.71	105.7	28.33	112.5	30.74	117.8	32.69
	35	58.8	15.64	74.2	19.93	90.9	25.21	98.0	27.59	105.7	30.41	112.5	32.86	117.8	35.06
	37	58.8	16.78	74.2	21.40	90.9	26.98	98.0	29.56	105.7	32.52	112.5	35.42	117.8	37.68
	39	58.8	17.90	74.2	22.94	90.9	28.91	98.0	31.72	105.7	34.89	112.5	37.96	117.8	40.42
	41	58.8	19.21	74.2	24.53	90.9	31.04	98.0	34.13	105.2	37.29	110.4	39.66	114.4	41.52
	43	58.8	20.66	74.2	26.38	90.6	33.12	96.0	35.49	101.0	37.82	103.5	38.88	105.4	39.84
	46	58.8	22.99	72.9	28.69	81.3	32.23	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58
	48	58.2	24.37	66.3	27.69	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99
60	10	50.5	6.02	63.7	7.12	77.9	8.51	84.0	9.19	90.5	9.92	96.4	10.64	100.9	11.20
	12	50.5	6.10	63.7	7.22	77.9	8.60	84.0	9.30	90.5	10.10	96.4	10.83	100.9	11.43
	14	50.5	6.17	63.7	7.33	77.9	8.81	84.0	9.52	90.5	10.29	96.4	11.02	100.9	11.64
	16	50.5	6.22	63.7	7.41	77.9	8.94	84.0	9.65	90.5	10.57	96.4	11.43	100.9	12.24
	18	50.5	6.30	63.7	7.55	77.9	9.25	84.0	10.18	90.5	11.29	96.4	12.40	100.9	13.25
	20	50.5	6.38	63.7	7.85	77.9	10.03	84.0	11.14	90.5	12.43	96.4	13.64	100.9	14.70
	21	50.5	6.47	63.7	8.19	77.9	10.56	84.0	11.67	90.5	13.07	96.4	14.34	100.9	15.45
	23	50.5	6.96	63.7	9.03	77.9	11.69	84.0	12.98	90.5	14.51	96.4	15.89	100.9	17.11
	25	50.5	7.63	63.7	9.98	77.9	13.01	84.0	14.47	90.5	16.12	96.4	17.80	100.9	19.05
	27	50.5	8.45	63.7	11.12	77.9	14.55	84.0	16.22	90.5	18.09	96.4	19.87	100.9	21.23
	29	50.5	9.50	63.7	12.58	77.9	16.42	84.0	18.17	90.5	20.10	96.4	21.90	100.9	23.26
	31	50.5	10.82	63.7	14.30	77.9	18.24	84.0	19.97	90.5	21.79	96.4	23.50	100.9	24.91
	33	50.5	12.36	63.7	15.84	77.9	19.64	84.0	21.37	90.5	23.35	96.4	25.22	100.9	26.75
	35	50.5	13.57	63.7	16.97	77.9	21.01	84.0	22.91	90.5	25.03	96.4	27.00	100.9	28.63
	37	50.5	14.49	63.7	18.17	77.9	22.54	84.0	24.60	90.5	26.82	96.4	28.96	100.9	30.65
	39	50.5	15.49	63.7	19.49	77.9	24.13	84.0	26.35	90.5	28.84	96.4	31.00	100.9	32.91
	41	50.5	16.67	63.7	20.93	77.9	25.88	84.0	28.19	90.5	30.88	96.4	33.29	100.9	35.31
	43	50.5	17.81	63.7	22.39	77.9	27.77	84.0	30.29	90.3	33.01	94.8	35.01	98.2	36.53
	46	50.5	19.87	63.7	24.83	75.7	29.85	78.8	31.14	81.2	32.13	82.2	32.58	82.2	32.58
	48	50.5	21.30	61.9	25.86	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99
50	10	42.0	5.43	53.0	6.25	65.0	7.24	70.0	7.74	75.5	8.24	80.3	8.81	84.1	9.19
	12	42.0	5.43	53.0	6.30	65.0	7.33	70.0	7.85	75.5	8.40	80.3	8.92	84.1	9.32
	14	42.0	5.50	53.0	6.38	65.0	7.45	70.0	7.96	75.5	8.51	80.3	9.05	84.1	9.52
	16	42.0	5.55	53.0	6.46	65.0	7.55	70.0	8.04	75.5	8.67	80.3	9.19	84.1	9.67
	18	42.0	5.60	53.0	6.55	65.0	7.66	70.0	8.24	75.5	8.91	80.3	9.64	84.1	10.18
	20	42.0	5.67	53.0	6.66	65.0	8.00	70.0	8.74	75.5	9.62	80.3	10.48	84.1	11.22
	21	42.0	5.69	53.0	6.77	65.0	8.40	70.0	9.19	75.5	10.13	80.3	11.03	84.1	11.68
	23	42.0	5.95	53.0	7.33	65.0	9.20	70.0	10.11	75.5	11.18	80.3	12.22	84.1	13.02
	25	42.0	6.39	53.0	8.07	65.0	10.24	70.0	11.23	75.5	12.39	80.3	13.54	84.1	14.52
	27	42.0	7.04	53.0	8.96	65.0	11.39	70.0	12.59	75.5	13.94	80.3	15.21	84.1	16.24
	29	42.0	7.85	53.0	10.10	65.0	12.92	70.0	14.20	75.5	15.74	80.3	17.16	84.1	18.18
	31	42.0	8.85	53.0	11.47	65.0	14.58	70.0	16.04	75.5	17.52	80.3	18.96	84.1	19.99
	33	42.0	10.15	53.0	13.10	65.0	16.11	70.0	17.48	75.5	18.95	80.3	20.29	84.1	21.37
	35	42.0	11.53	53.0	14.14	65.0	17.24	70.0	18.64	75.5	20.29	80.3	21.78	84.1	22.92
	37	42.0	12.36	53.0	15.18	65.0	18.53	70.0	20.03	75.5	21.77	80.3	23.26	84.1	24.60
	39	42.0	13.26	53.0	16.28	65.0	19.86	70.0	21.44	75.5	23.25	80.3	25.02	84.1	26.35
	41	42.0	14.22	53.0	17.46	65.0	21.25	70.0	23.06	75.5	24.96	80.3	26.82	84.1	28.27
	43	42.0	15.31	53.0	18.71	65.0	22.80	70.0	24.68	75.5	26.74	80.3	28.75	84.1	30.35
	46	42.0	16.94	53.0	20.82	65.0	25.39	69.7	27.34	73.9	29.09	77.5	30.61	78.9	31.15
	48	42.0	18.27	53.0	22.29	62.9	26.26	64.8	27.07	66.8	27.89	67.0	27.99	67.0	27.99

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM520LTE5

Cooling Capacity (52HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	113.6	12.98	143.5	17.91	175.5	25.41	189.3	29.27	204.1	33.88	217.3	38.21	227.5	41.78
	12	113.6	13.26	143.5	18.68	175.5	27.22	189.3	31.42	204.1	36.25	217.3	40.98	227.5	44.80
	14	113.6	13.65	143.5	20.37	175.5	29.40	189.3	33.89	204.1	39.17	217.3	44.07	227.5	48.19
	16	113.6	14.76	143.5	22.12	175.5	32.06	189.3	36.83	204.1	42.44	217.3	47.44	227.5	51.79
	18	113.6	16.21	143.5	24.24	175.5	34.85	189.3	40.01	204.1	45.83	217.3	50.91	227.5	55.14
	20	113.6	17.94	143.5	26.61	175.5	38.04	189.3	43.19	204.1	48.77	217.3	54.34	227.5	58.93
	21	113.6	18.87	143.5	27.87	175.5	39.35	189.3	44.57	204.1	50.35	217.3	56.13	227.5	61.03
	23	113.6	20.81	143.5	30.78	175.5	42.17	189.3	47.54	204.1	53.92	217.3	60.34	227.5	65.65
	25	113.6	23.24	143.5	33.14	175.5	45.10	189.3	50.98	204.1	58.04	217.3	65.01	226.6	70.44
	27	113.6	25.59	143.5	35.52	175.5	48.38	189.3	54.96	204.1	62.60	217.3	70.67	225.2	75.56
	29	113.6	27.45	143.5	38.04	175.5	51.96	189.3	59.27	204.1	67.91	215.7	75.69	222.1	80.17
	31	113.6	29.37	143.5	40.77	175.5	56.12	189.3	64.07	201.3	71.74	211.5	79.24	213.5	80.72
	33	113.6	31.43	143.5	43.67	175.1	60.41	185.7	67.11	194.3	73.13	194.3	73.13	194.3	73.13
	35	113.6	33.77	143.5	47.03	171.1	62.78	175.1	65.60	175.1	65.60	175.1	65.60	175.1	65.60
	37	113.6	36.28	142.6	50.38	156.4	58.44	156.4	58.44	156.4	58.44	156.4	58.44	156.4	58.44
	39	113.6	38.94	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86
	41	112.3	41.21	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61
	43	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04
	46	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91
120	10	104.8	11.80	132.4	15.97	162.0	21.79	174.7	25.17	188.5	29.01	200.5	32.74	210.1	35.83
	12	104.8	12.04	132.4	16.45	162.0	23.46	174.7	27.12	188.5	31.15	200.5	35.09	210.1	38.30
	14	104.8	12.30	132.4	17.58	162.0	25.44	174.7	29.16	188.5	33.60	200.5	37.94	210.1	41.40
	16	104.8	12.93	132.4	19.19	162.0	27.64	174.7	31.77	188.5	36.54	200.5	40.94	210.1	44.69
	18	104.8	14.22	132.4	21.09	162.0	30.13	174.7	34.55	188.5	39.54	200.5	44.35	210.1	48.04
	20	104.8	15.70	132.4	23.21	162.0	32.95	174.7	37.74	188.5	42.66	200.5	47.49	210.1	51.09
	21	104.8	16.49	132.4	24.30	162.0	34.47	174.7	39.06	188.5	44.08	200.5	48.98	210.1	52.94
	23	104.8	18.36	132.4	26.88	162.0	37.22	174.7	41.87	188.5	47.21	200.5	52.44	210.1	56.71
	25	104.8	20.42	132.4	29.48	162.0	39.68	174.7	44.74	188.5	50.62	200.5	56.27	210.1	61.05
	27	104.8	22.82	132.4	31.53	162.0	42.63	174.7	48.05	188.5	54.32	200.5	60.62	210.1	66.07
	29	104.8	24.60	132.4	33.83	162.0	45.61	174.7	51.61	188.5	58.67	200.5	65.78	210.1	71.77
	31	104.8	26.37	132.4	36.29	162.0	49.23	174.7	55.75	188.5	63.62	198.5	70.08	205.9	75.04
	33	104.8	28.28	132.4	38.93	162.0	53.02	174.5	60.11	185.1	66.51	194.3	73.13	194.3	73.13
	35	104.8	30.40	132.4	41.73	160.7	56.48	170.5	62.44	175.1	65.60	175.1	65.60	175.1	65.60
	37	104.8	32.51	132.4	44.98	156.4	58.44	156.4	58.44	156.4	58.44	156.4	58.44	156.4	58.44
	39	104.8	34.96	130.3	47.42	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86
	41	104.8	37.50	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61
	43	102.1	39.02	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04
	46	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91
110	10	96.2	10.68	121.4	14.23	148.5	18.83	160.2	21.28	172.7	24.48	183.8	27.72	192.4	30.30
	12	96.2	10.81	121.4	14.51	148.5	19.97	160.2	22.94	172.7	26.41	183.8	29.80	192.4	32.50
	14	96.2	11.05	121.4	15.11	148.5	21.60	160.2	24.89	172.7	28.60	183.8	32.12	192.4	35.01
	16	96.2	11.42	121.4	16.56	148.5	23.57	160.2	27.11	172.7	30.98	183.8	34.78	192.4	38.04
	18	96.2	12.40	121.4	18.11	148.5	25.82	160.2	29.56	172.7	33.77	183.8	37.90	192.4	41.08
	20	96.2	13.68	121.4	20.04	148.5	28.31	160.2	32.36	172.7	36.86	183.8	41.10	192.4	44.20
	21	96.2	14.39	121.4	20.99	148.5	29.63	160.2	33.85	172.7	38.43	183.8	42.48	192.4	45.79
	23	96.2	15.97	121.4	23.31	148.5	32.54	160.2	36.48	172.7	41.06	183.8	45.35	192.4	48.87
	25	96.2	17.93	121.4	25.69	148.5	34.76	160.2	39.02	172.7	43.90	183.8	48.58	192.4	52.41
	27	96.2	20.04	121.4	27.92	148.5	37.29	160.2	41.75	172.7	47.10	183.8	52.14	192.4	56.47
	29	96.2	22.03	121.4	29.99	148.5	39.92	160.2	44.86	172.7	50.60	183.8	56.25	192.4	60.92
	31	96.2	23.69	121.4	32.08	148.5	43.00	160.2	48.25	172.7	54.65	183.8	60.80	192.3	66.04
	33	96.2	25.42	121.4	34.44	148.5	46.22	160.2	51.96	172.7	59.04	181.5	64.31	188.1	68.73
	35	96.2	27.21	121.4	37.00	148.5	49.81	159.3	55.64	168.9	61.50	175.1	65.60	175.1	65.60
	37	96.2	29.18	121.4	39.70	146.4	52.56	155.4	57.82	156.4	58.44	156.4	58.44	156.4	58.44
	39	96.2	31.23	121.4	42.75	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86
	41	96.2	33.55	118.3	44.25	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61
	43	95.5	35.70	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04
	46	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91

7. Capacity Tables

Cooling Capacity (52HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	87.4	9.64	110.5	12.56	135.0	16.32	145.6	18.29	157.0	20.65	167.2	23.04	175.0	25.19
	12	87.4	9.77	110.5	12.82	135.0	16.94	145.6	19.26	157.0	22.07	167.2	24.91	175.0	27.15
	14	87.4	9.98	110.5	13.16	135.0	18.21	145.6	20.88	157.0	23.99	167.2	26.95	175.0	29.32
	16	87.4	10.11	110.5	14.15	135.0	19.85	145.6	22.81	157.0	26.10	167.2	29.25	175.0	31.80
	18	87.4	10.83	110.5	15.54	135.0	21.80	145.6	24.81	157.0	28.47	167.2	31.88	175.0	34.63
	20	87.4	11.85	110.5	17.09	135.0	23.98	145.6	27.24	157.0	31.22	167.2	34.76	175.0	37.76
	21	87.4	12.48	110.5	17.97	135.0	25.10	145.6	28.69	157.0	32.68	167.2	36.36	175.0	39.25
	23	87.4	13.85	110.5	19.85	135.0	27.74	145.6	31.46	157.0	35.39	167.2	38.99	175.0	41.95
	25	87.4	15.49	110.5	22.20	135.0	30.25	145.6	33.86	157.0	37.85	167.2	41.70	175.0	44.81
	27	87.4	17.35	110.5	24.64	135.0	32.49	145.6	36.18	157.0	40.55	167.2	44.78	175.0	48.08
	29	87.4	19.42	110.5	26.29	135.0	34.68	145.6	38.73	157.0	43.58	167.2	47.93	175.0	51.70
	31	87.4	21.12	110.5	28.18	135.0	37.24	145.6	41.69	157.0	46.63	167.2	51.73	175.0	55.84
	33	87.4	22.58	110.5	30.29	135.0	40.10	145.6	44.71	157.0	50.44	167.2	55.89	174.7	60.13
	35	87.4	24.26	110.5	32.40	135.0	43.00	145.6	48.12	156.9	54.46	164.7	58.80	170.7	62.72
	37	87.4	26.02	110.5	34.83	135.0	46.31	144.2	51.22	153.0	56.32	156.4	58.44	156.4	58.44
	39	87.4	27.91	110.5	37.37	132.3	48.48	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86
	41	87.4	29.83	109.9	39.99	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61
	43	87.4	32.10	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04
	46	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91
90	10	78.8	8.66	99.3	11.05	121.4	14.23	131.0	15.70	141.2	17.45	150.3	19.19	157.5	20.69
	12	78.8	8.78	99.3	11.31	121.4	14.51	131.0	16.12	141.2	18.15	150.3	20.41	157.5	22.23
	14	78.8	8.89	99.3	11.44	121.4	15.13	131.0	17.34	141.2	19.77	150.3	22.11	157.5	24.15
	16	78.8	9.10	99.3	11.86	121.4	16.56	131.0	18.89	141.2	21.62	150.3	24.10	157.5	26.13
	18	78.8	9.30	99.3	13.09	121.4	18.12	131.0	20.64	141.2	23.56	150.3	26.35	157.5	28.57
	20	78.8	10.29	99.3	14.45	121.4	20.04	131.0	22.75	141.2	25.88	150.3	28.89	157.5	31.43
	21	78.8	10.74	99.3	15.18	121.4	21.00	131.0	23.82	141.2	27.23	150.3	30.35	157.5	32.75
	23	78.8	11.95	99.3	16.82	121.4	23.31	131.0	26.41	141.2	29.94	150.3	33.18	157.5	35.58
	25	78.8	13.36	99.3	18.74	121.4	25.88	131.0	28.98	141.2	32.35	150.3	35.55	157.5	38.12
	27	78.8	14.88	99.3	21.01	121.4	28.06	131.0	31.17	141.2	34.70	150.3	38.06	157.5	40.77
	29	78.8	16.82	99.3	22.95	121.4	30.05	131.0	33.30	141.2	37.19	150.3	40.77	157.5	43.64
	31	78.8	18.71	99.3	24.64	121.4	32.09	131.0	35.73	141.2	39.86	150.3	43.66	157.5	46.94
	33	78.8	20.04	99.3	26.45	121.4	34.49	131.0	38.33	141.2	42.71	150.3	47.00	157.5	50.50
	35	78.8	21.40	99.3	28.31	121.4	37.00	131.0	41.11	141.2	46.01	150.3	50.85	157.3	54.50
	37	78.8	23.03	99.3	30.33	121.4	39.70	131.0	44.25	140.8	49.56	147.8	53.40	153.4	56.60
	39	78.8	24.71	99.3	32.60	121.4	42.78	129.3	46.68	137.1	51.02	138.5	51.86	138.5	51.86
	41	78.8	26.38	99.3	35.01	118.3	44.27	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61
	43	78.8	28.41	97.9	36.86	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04
	46	77.1	30.82	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91
80	10	69.9	7.77	88.4	9.75	107.9	12.20	116.5	13.40	125.6	14.83	133.6	16.17	139.9	17.24
	12	69.9	7.87	88.4	9.90	107.9	12.46	116.5	13.66	125.6	15.16	133.6	16.63	139.9	17.85
	14	69.9	7.98	88.4	10.08	107.9	12.77	116.5	14.14	125.6	15.96	133.6	17.97	139.9	19.47
	16	69.9	8.08	88.4	10.26	107.9	13.62	116.5	15.38	125.6	17.59	133.6	19.55	139.9	21.20
	18	69.9	8.27	88.4	10.99	107.9	14.96	116.5	16.97	125.6	19.20	133.6	21.35	139.9	23.23
	20	69.9	8.81	88.4	12.05	107.9	16.46	116.5	18.66	125.6	21.20	133.6	23.50	139.9	25.54
	21	69.9	9.18	88.4	12.64	107.9	17.34	116.5	19.59	125.6	22.25	133.6	24.78	139.9	26.75
	23	69.9	10.20	88.4	14.09	107.9	19.16	116.5	21.77	125.6	24.68	133.6	27.23	139.9	29.40
	25	69.9	11.30	88.4	15.70	107.9	21.43	116.5	24.09	125.6	27.25	133.6	29.95	139.9	32.01
	27	69.9	12.69	88.4	17.61	107.9	23.86	116.5	26.40	125.6	29.33	133.6	31.96	139.9	34.17
	29	69.9	14.38	88.4	19.71	107.9	25.55	116.5	28.29	125.6	31.38	133.6	34.31	139.9	36.63
	31	69.9	16.16	88.4	21.36	107.9	27.37	116.5	30.40	125.6	33.70	133.6	36.66	139.9	39.28
	33	69.9	17.54	88.4	22.82	107.9	29.50	116.5	32.51	125.6	36.02	133.6	39.52	139.9	42.10
	35	69.9	18.89	88.4	24.50	107.9	31.55	116.5	34.96	125.6	38.77	133.6	42.36	139.9	45.35
	37	69.9	20.24	88.4	26.28	107.9	33.90	116.5	37.48	125.6	41.65	133.6	45.64	139.8	49.04
	39	69.9	21.61	88.4	28.18	107.9	36.44	116.5	40.23	125.1	44.58	131.3	47.74	136.1	50.46
	41	69.9	23.24	88.4	30.36	107.9	39.05	114.5	42.23	121.1	45.61	121.1	45.61	121.1	45.61
	43	69.9	24.94	88.4	32.47	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04
	46	69.9	27.67	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91

7. Capacity Tables

Cooling Capacity (52HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	61.1	6.94	77.2	8.47	94.6	10.47	101.9	11.41	110.0	12.46	117.0	13.53	122.5	14.36
	12	61.1	7.04	77.2	8.58	94.6	10.68	101.9	11.67	110.0	12.72	117.0	13.81	122.5	14.65
	14	61.1	7.12	77.2	8.78	94.6	10.81	101.9	11.83	110.0	13.05	117.0	14.24	122.5	15.36
	16	61.1	7.22	77.2	8.89	94.6	11.14	101.9	12.40	110.0	13.99	117.0	15.52	122.5	16.78
	18	61.1	7.30	77.2	9.18	94.6	12.16	101.9	13.64	110.0	15.36	117.0	17.03	122.5	18.35
	20	61.1	7.54	77.2	10.00	94.6	13.32	101.9	15.03	110.0	16.94	117.0	18.71	122.5	20.28
	21	61.1	7.88	77.2	10.53	94.6	14.02	101.9	15.79	110.0	17.79	117.0	19.78	122.5	21.30
	23	61.1	8.64	77.2	11.60	94.6	15.55	101.9	17.52	110.0	19.80	117.0	21.86	122.5	23.62
	25	61.1	9.56	77.2	12.99	94.6	17.48	101.9	19.60	110.0	21.97	117.0	24.32	122.5	26.16
	27	61.1	10.63	77.2	14.58	94.6	19.53	101.9	21.83	110.0	24.41	117.0	26.61	122.5	28.32
	29	61.1	12.07	77.2	16.49	94.6	21.59	101.9	23.82	110.0	26.24	117.0	28.48	122.5	30.32
	31	61.1	13.70	77.2	18.32	94.6	23.21	101.9	25.42	110.0	28.11	117.0	30.48	122.5	32.43
	33	61.1	15.29	77.2	19.62	94.6	24.92	101.9	27.23	110.0	30.10	117.0	32.77	122.5	34.80
	35	61.1	16.40	77.2	20.96	94.6	26.71	101.9	29.34	110.0	32.35	117.0	34.99	122.5	37.37
	37	61.1	17.58	77.2	22.56	94.6	28.63	101.9	31.39	110.0	34.56	117.0	37.76	122.5	40.29
	39	61.1	18.81	77.2	24.23	94.6	30.65	101.9	33.74	110.0	37.13	117.0	40.52	122.5	43.19
	41	61.1	20.17	77.2	25.88	94.6	32.95	101.9	36.25	109.5	39.75	114.9	42.47	119.1	44.55
	43	61.1	21.74	77.2	27.88	94.3	35.22	99.9	37.82	104.5	40.04	104.5	40.04	104.5	40.04
	46	61.1	24.15	75.9	30.38	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	60.5	25.65	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91
60	10	52.5	6.19	66.3	7.40	81.1	8.89	87.4	9.64	94.1	10.44	100.3	11.18	105.0	11.80
	12	52.5	6.29	66.3	7.49	81.1	8.99	87.4	9.75	94.1	10.58	100.3	11.41	105.0	12.04
	14	52.5	6.36	66.3	7.61	81.1	9.20	87.4	9.98	94.1	10.81	100.3	11.57	105.0	12.30
	16	52.5	6.44	66.3	7.69	81.1	9.33	87.4	10.11	94.1	11.14	100.3	12.06	105.0	13.03
	18	52.5	6.52	66.3	7.87	81.1	9.74	87.4	10.83	94.1	12.05	100.3	13.27	105.0	14.22
	20	52.5	6.60	66.3	8.26	81.1	10.67	87.4	11.85	94.1	13.31	100.3	14.64	105.0	15.82
	21	52.5	6.72	66.3	8.60	81.1	11.24	87.4	12.46	94.1	13.99	100.3	15.39	105.0	16.61
	23	52.5	7.27	66.3	9.54	81.1	12.50	87.4	13.85	94.1	15.52	100.3	17.03	105.0	18.38
	25	52.5	8.00	66.3	10.56	81.1	13.85	87.4	15.49	94.1	17.29	100.3	19.12	105.0	20.44
	27	52.5	8.88	66.3	11.77	81.1	15.54	87.4	17.35	94.1	19.37	100.3	21.32	105.0	22.82
	29	52.5	9.99	66.3	13.36	81.1	17.52	87.4	19.42	94.1	21.54	100.3	23.37	105.0	24.75
	31	52.5	11.43	66.3	15.18	81.1	19.34	87.4	21.12	94.1	23.01	100.3	24.92	105.0	26.39
	33	52.5	13.05	66.3	16.66	81.1	20.72	87.4	22.58	94.1	24.71	100.3	26.71	105.0	28.45
	35	52.5	14.20	66.3	17.84	81.1	22.15	87.4	24.26	94.1	26.52	100.3	28.65	105.0	30.42
	37	52.5	15.10	66.3	19.08	81.1	23.81	87.4	26.02	94.1	28.39	100.3	30.78	105.0	32.53
	39	52.5	16.20	66.3	20.45	81.1	25.54	87.4	27.91	94.1	30.57	100.3	32.90	105.0	34.98
	41	52.5	17.42	66.3	22.02	81.1	27.36	87.4	29.83	94.1	32.71	100.3	35.38	105.0	37.58
	43	52.5	18.67	66.3	23.52	81.1	29.31	87.4	32.10	93.9	35.02	98.7	37.32	102.3	39.02
	46	52.5	20.85	66.3	26.20	78.9	31.68	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	52.5	22.33	64.5	27.29	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91
50	10	43.7	5.57	55.1	6.44	67.6	7.51	72.8	8.06	78.5	8.58	83.5	9.20	87.4	9.64
	12	43.7	5.57	55.1	6.52	67.6	7.61	72.8	8.18	78.5	8.78	83.5	9.31	87.4	9.77
	14	43.7	5.64	55.1	6.60	67.6	7.77	72.8	8.29	78.5	8.89	83.5	9.46	87.4	9.98
	16	43.7	5.72	55.1	6.68	67.6	7.87	72.8	8.37	78.5	9.10	83.5	9.64	87.4	10.13
	18	43.7	5.74	55.1	6.78	67.6	7.98	72.8	8.61	78.5	9.30	83.5	10.17	87.4	10.83
	20	43.7	5.82	55.1	6.88	67.6	8.42	72.8	9.26	78.5	10.19	83.5	11.14	87.4	11.98
	21	43.7	5.86	55.1	7.04	67.6	8.86	72.8	9.74	78.5	10.74	83.5	11.74	87.4	12.48
	23	43.7	6.14	55.1	7.67	67.6	9.72	72.8	10.73	78.5	11.91	83.5	13.05	87.4	13.90
	25	43.7	6.66	55.1	8.47	67.6	10.88	72.8	11.98	78.5	13.20	83.5	14.46	87.4	15.49
	27	43.7	7.36	55.1	9.41	67.6	12.11	72.8	13.36	78.5	14.84	83.5	16.23	87.4	17.37
	29	43.7	8.22	55.1	10.67	67.6	13.72	72.8	15.13	78.5	16.80	83.5	18.35	87.4	19.44
	31	43.7	9.32	55.1	12.10	67.6	15.48	72.8	17.07	78.5	18.59	83.5	20.04	87.4	21.14
	33	43.7	10.69	55.1	13.88	67.6	16.87	72.8	18.35	78.5	20.00	83.5	21.40	87.4	22.58
	35	43.7	12.03	55.1	14.79	67.6	18.12	72.8	19.62	78.5	21.40	83.5	23.01	87.4	24.26
	37	43.7	12.91	55.1	15.88	67.6	19.52	72.8	21.14	78.5	23.01	83.5	24.55	87.4	26.02
	39	43.7	13.79	55.1	17.08	67.6	20.90	72.8	22.60	78.5	24.55	83.5	26.38	87.4	27.91
	41	43.7	14.84	55.1	18.29	67.6	22.34	72.8	24.28	78.5	26.33	83.5	28.41	87.4	29.91
	43	43.7	15.96	55.1	19.59	67.6	24.02	72.8	26.04	78.5	28.25	83.5	30.41	87.4	32.15
	46	43.7	17.63	55.1	21.84	67.6	26.77	72.5	28.88	76.9	30.80	80.7	32.40	80.7	32.40
	48	43.7	19.07	55.1	23.34	65.5	27.71	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM540LTE5

Cooling Capacity (54HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	118.0	13.45	149.0	18.71	182.3	26.25	196.6	30.31	211.9	35.10	225.7	39.60	236.2	43.27
	12	118.0	13.78	149.0	19.22	182.3	28.05	196.6	32.41	211.9	37.39	225.7	42.25	235.7	45.87
	14	118.0	14.05	149.0	20.87	182.3	30.20	196.6	34.78	211.9	40.21	225.7	45.18	235.0	48.89
	16	118.0	15.05	149.0	22.63	182.3	32.78	196.6	37.65	211.9	43.45	225.7	48.74	234.2	52.29
	18	118.0	16.50	149.0	24.76	182.3	35.56	196.6	40.94	211.9	47.09	225.4	52.30	233.3	55.48
	20	118.0	18.29	149.0	27.13	182.3	38.95	196.6	44.43	211.9	50.20	224.5	55.28	232.3	58.62
	21	118.0	19.20	149.0	28.39	182.3	40.42	196.6	45.88	211.9	51.75	224.0	56.73	231.8	60.39
	23	118.0	21.21	149.0	31.51	182.3	43.40	196.6	48.80	211.9	55.25	222.9	60.27	230.7	64.16
	25	118.0	23.67	149.0	34.17	182.3	46.25	196.6	52.21	211.7	59.09	221.8	64.12	229.5	68.53
	27	118.0	26.37	149.0	36.55	182.3	49.55	196.6	56.07	210.5	62.89	220.5	68.76	228.2	73.54
	29	118.0	28.34	149.0	39.06	182.3	53.11	196.6	60.39	209.2	67.27	219.2	73.87	225.5	78.33
	31	118.0	30.26	149.0	41.78	182.3	57.23	196.6	65.13	207.9	72.30	217.9	79.77	219.7	81.22
	33	118.0	32.32	149.0	44.73	182.3	61.76	195.3	70.01	203.7	75.99	203.4	75.95	203.4	75.95
	35	118.0	34.66	149.0	48.08	182.3	67.03	187.3	70.61	187.2	70.60	187.2	70.60	187.2	70.60
	37	118.0	37.17	149.0	51.88	171.0	65.37	171.0	65.37	171.0	65.37	171.0	65.37	171.0	65.37
	39	118.0	39.83	148.6	55.86	151.5	57.76	151.5	57.76	151.5	57.76	151.5	57.76	151.5	57.76
	41	118.0	42.93	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62
	43	113.6	43.71	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11
	46	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43
	48	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31
120	10	108.8	12.21	137.5	16.67	168.2	22.61	181.4	26.02	195.7	30.05	208.2	33.96	218.1	37.11
	12	108.8	12.45	137.5	17.03	168.2	24.13	181.4	27.95	195.7	32.14	208.2	36.18	218.1	39.48
	14	108.8	12.75	137.5	17.99	168.2	26.10	181.4	29.95	195.7	34.49	208.2	38.95	218.1	42.43
	16	108.8	13.16	137.5	19.61	168.2	28.28	181.4	32.49	195.7	37.36	208.2	41.87	218.1	45.80
	18	108.8	14.46	137.5	21.48	168.2	30.75	181.4	35.27	195.7	40.46	208.2	45.51	218.1	49.42
	20	108.8	15.94	137.5	23.62	168.2	33.60	181.4	38.63	195.7	43.89	208.2	48.88	218.1	52.54
	21	108.8	16.78	137.5	24.77	168.2	35.26	181.4	40.12	195.7	45.39	208.2	50.35	218.1	54.35
	23	108.8	18.69	137.5	27.38	168.2	38.35	181.4	43.11	195.7	48.49	208.2	53.75	217.4	57.61
	25	108.8	20.79	137.5	30.31	168.2	40.79	181.4	45.95	195.7	51.85	208.2	57.45	216.2	61.28
	27	108.8	23.37	137.5	32.50	168.2	43.72	181.4	49.17	195.7	55.50	207.7	61.48	215.0	65.47
	29	108.8	25.43	137.5	34.80	168.2	46.68	181.4	52.76	195.7	59.73	206.4	65.75	213.7	70.06
	31	108.8	27.24	137.5	37.25	168.2	50.28	181.4	56.79	195.7	64.62	205.1	70.64	212.4	75.58
	33	108.8	29.11	137.5	39.89	168.2	54.05	181.4	61.30	194.7	69.41	203.7	76.00	203.5	75.97
	35	108.8	31.28	137.5	42.68	168.2	58.32	181.4	66.51	187.3	70.62	187.2	70.60	187.2	70.60
	37	108.8	33.39	137.5	45.92	167.8	63.05	171.0	65.37	171.0	65.37	171.0	65.37	171.0	65.37
	39	108.8	35.85	137.5	49.67	151.5	57.76	151.5	57.76	151.5	57.76	151.5	57.76	151.5	57.76
	41	108.8	38.44	131.9	50.19	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62
	43	108.8	41.41	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11
	46	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43
	48	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31
110	10	99.9	11.03	126.1	14.80	154.2	19.63	166.3	22.07	179.3	25.35	190.9	28.65	199.8	31.40
	12	99.9	11.17	126.1	15.09	154.2	20.50	166.3	23.61	179.3	27.24	190.9	30.69	199.8	33.54
	14	99.9	11.41	126.1	15.51	154.2	22.15	166.3	25.55	179.3	29.35	190.9	33.01	199.8	35.94
	16	99.9	11.67	126.1	16.86	154.2	24.13	166.3	27.71	179.3	31.70	190.9	35.57	199.8	38.89
	18	99.9	12.57	126.1	18.47	154.2	26.33	166.3	30.19	179.3	34.45	190.9	38.72	199.8	42.10
	20	99.9	13.89	126.1	20.42	154.2	28.86	166.3	32.94	179.3	37.73	190.9	42.21	199.8	45.49
	21	99.9	14.65	126.1	21.39	154.2	30.13	166.3	34.57	179.3	39.46	190.9	43.76	199.8	47.14
	23	99.9	16.27	126.1	23.73	154.2	33.38	166.3	37.60	179.3	42.25	190.9	46.60	199.8	50.12
	25	99.9	18.24	126.1	26.27	154.2	35.83	166.3	40.14	179.3	45.06	190.9	49.79	199.8	53.60
	27	99.9	20.43	126.1	28.82	154.2	38.35	166.3	42.86	179.3	48.23	190.9	53.31	199.8	57.61
	29	99.9	22.78	126.1	30.94	154.2	40.96	166.3	45.95	179.3	51.71	190.9	57.37	199.8	62.00
	31	99.9	24.49	126.1	33.04	154.2	44.03	166.3	49.32	179.3	55.72	190.9	61.87	199.0	66.62
	33	99.9	26.23	126.1	35.40	154.2	47.24	166.3	53.00	179.3	60.07	190.9	67.03	197.7	71.62
	35	99.9	28.08	126.1	37.96	154.2	50.81	166.3	57.22	179.3	65.20	187.4	70.63	187.2	70.60
	37	99.9	30.00	126.1	40.66	154.2	54.87	166.3	62.07	170.7	65.16	171.0	65.37	171.0	65.37
	39	99.9	32.05	126.1	43.71	150.0	56.74	151.5	57.76	151.5	57.76	151.5	57.76	151.5	57.76
	41	99.9	34.43	126.1	47.04	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62
	43	99.9	36.95	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11
	46	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43
	48	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31

7. Capacity Tables

Cooling Capacity (54HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	90.7	9.91	114.7	13.02	140.2	17.07	151.2	19.08	163.1	21.46	173.6	23.86	181.7	26.04
	12	90.7	10.05	114.7	13.32	140.2	17.53	151.2	19.83	163.1	22.68	173.6	25.63	181.7	27.98
	14	90.7	10.28	114.7	13.59	140.2	18.62	151.2	21.39	163.1	24.59	173.6	27.65	181.7	30.12
	16	90.7	10.42	114.7	14.37	140.2	20.27	151.2	23.32	163.1	26.70	173.6	29.93	181.7	32.57
	18	90.7	10.94	114.7	15.82	140.2	22.24	151.2	25.33	163.1	29.06	173.6	32.53	181.7	35.30
	20	90.7	12.02	114.7	17.40	140.2	24.43	151.2	27.76	163.1	31.78	173.6	35.52	181.7	38.66
	21	90.7	12.67	114.7	18.26	140.2	25.60	151.2	29.20	163.1	33.36	173.6	37.26	181.7	40.31
	23	90.7	14.12	114.7	20.22	140.2	28.27	151.2	32.21	163.1	36.41	173.6	40.15	181.7	43.13
	25	90.7	15.77	114.7	22.60	140.2	31.17	151.2	34.94	163.1	38.94	173.6	42.84	181.7	45.96
	27	90.7	17.69	114.7	25.33	140.2	33.49	151.2	37.20	163.1	41.62	173.6	45.89	181.7	49.26
	29	90.7	19.98	114.7	27.18	140.2	35.68	151.2	39.79	163.1	44.63	173.6	49.03	181.7	52.79
	31	90.7	21.91	114.7	29.03	140.2	38.19	151.2	42.75	163.1	47.72	173.6	52.79	181.7	56.89
	33	90.7	23.33	114.7	31.20	140.2	41.05	151.2	45.69	163.1	51.45	173.6	56.92	181.7	61.39
	35	90.7	25.06	114.7	33.31	140.2	43.99	151.2	49.10	163.1	55.53	173.6	61.51	181.7	66.80
	37	90.7	26.82	114.7	35.74	140.2	47.30	151.2	53.05	163.1	60.02	169.2	63.99	171.0	65.37
	39	90.7	28.72	114.7	38.28	140.2	51.07	149.2	56.21	151.5	57.76	151.5	57.76	151.5	57.76
	41	90.7	30.64	114.7	41.27	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62
	43	90.7	32.96	112.7	43.18	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11
	46	87.7	35.02	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43
	48	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31
90	10	81.8	8.87	103.1	11.41	126.1	14.80	136.1	16.35	146.6	18.23	156.1	20.02	163.6	21.46
	12	81.8	9.01	103.1	11.67	126.1	15.09	136.1	16.71	146.6	18.71	156.1	20.97	163.6	22.89
	14	81.8	9.11	103.1	11.81	126.1	15.53	136.1	17.71	146.6	20.24	156.1	22.67	163.6	24.76
	16	81.8	9.33	103.1	12.08	126.1	16.86	136.1	19.31	146.6	22.09	156.1	24.65	163.6	26.78
	18	81.8	9.46	103.1	13.29	126.1	18.48	136.1	21.04	146.6	24.04	156.1	26.90	163.6	29.16
	20	81.8	10.43	103.1	14.69	126.1	20.42	136.1	23.17	146.6	26.37	156.1	29.44	163.6	32.04
	21	81.8	10.90	103.1	15.44	126.1	21.39	136.1	24.29	146.6	27.76	156.1	30.92	163.6	33.44
	23	81.8	12.12	103.1	17.12	126.1	23.73	136.1	26.85	146.6	30.59	156.1	34.05	163.6	36.61
	25	81.8	13.58	103.1	19.08	126.1	26.46	136.1	29.79	146.6	33.34	156.1	36.61	163.6	39.20
	27	81.8	15.19	103.1	21.48	126.1	28.97	136.1	32.14	146.6	35.69	156.1	39.16	163.6	41.88
	29	81.8	17.19	103.1	23.79	126.1	30.96	136.1	34.27	146.6	38.21	156.1	41.80	163.6	44.74
	31	81.8	19.42	103.1	25.48	126.1	33.04	136.1	36.70	146.6	40.89	156.1	44.74	163.6	48.03
	33	81.8	20.77	103.1	27.25	126.1	35.40	136.1	39.29	146.6	43.73	156.1	48.07	163.6	51.57
	35	81.8	22.18	103.1	29.16	126.1	37.96	136.1	42.07	146.6	47.02	156.1	51.84	163.6	55.65
	37	81.8	23.81	103.1	31.19	126.1	40.66	136.1	45.27	146.6	50.74	156.1	55.98	163.6	60.39
	39	81.8	25.50	103.1	33.46	126.1	43.74	136.1	48.70	146.6	54.61	150.5	57.03	151.5	57.76
	41	81.8	27.13	103.1	35.92	126.1	47.07	131.5	49.94	132.5	50.62	132.5	50.62	132.5	50.62
	43	81.8	29.21	103.1	38.47	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11
	46	81.8	32.36	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43
	48	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31
80	10	72.6	7.95	91.8	10.02	112.1	12.62	121.0	13.91	130.4	15.43	138.8	16.87	145.3	18.01
	12	72.6	8.05	91.8	10.17	112.1	12.89	121.0	14.22	130.4	15.76	138.8	17.23	145.3	18.39
	14	72.6	8.13	91.8	10.39	112.1	13.19	121.0	14.51	130.4	16.31	138.8	18.38	145.3	19.93
	16	72.6	8.26	91.8	10.55	112.1	13.84	121.0	15.67	130.4	17.93	138.8	19.97	145.3	21.66
	18	72.6	8.45	91.8	11.13	112.1	15.21	121.0	17.29	130.4	19.60	138.8	21.79	145.3	23.71
	20	72.6	8.90	91.8	12.22	112.1	16.77	121.0	19.01	130.4	21.63	138.8	23.96	145.3	26.03
	21	72.6	9.30	91.8	12.87	112.1	17.63	121.0	19.95	130.4	22.65	138.8	25.24	145.3	27.23
	23	72.6	10.34	91.8	14.33	112.1	19.53	121.0	22.16	130.4	25.09	138.8	27.74	145.3	30.04
	25	72.6	11.49	91.8	15.99	112.1	21.83	121.0	24.56	130.4	27.93	138.8	30.81	145.3	33.01
	27	72.6	12.97	91.8	17.99	112.1	24.50	121.0	27.22	130.4	30.27	138.8	32.97	145.3	35.16
	29	72.6	14.73	91.8	20.25	112.1	26.41	121.0	29.17	130.4	32.32	138.8	35.32	145.3	37.67
	31	72.6	16.68	91.8	22.14	112.1	28.23	121.0	31.33	130.4	34.64	138.8	37.62	145.3	40.31
	33	72.6	18.21	91.8	23.61	112.1	30.36	121.0	33.44	130.4	36.96	138.8	40.47	145.3	43.12
	35	72.6	19.61	91.8	25.30	112.1	32.42	121.0	35.84	130.4	39.77	138.8	43.36	145.3	46.36
	37	72.6	20.92	91.8	27.08	112.1	34.82	121.0	38.41	130.4	42.58	138.8	46.58	145.3	50.05
	39	72.6	22.34	91.8	28.98	112.1	37.31	121.0	41.16	130.4	45.83	138.8	50.16	145.3	53.87
	41	72.6	23.97	91.8	31.16	112.1	39.98	121.0	44.33	130.0	49.04	132.2	50.37	132.5	50.62
	43	72.6	25.67	91.8	33.27	112.1	42.87	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11
	46	72.6	28.40	88.0	35.16	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43
	48	71.0	29.91	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31

7. Capacity Tables

Cooling Capacity (54HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	63.5	7.05	80.2	8.69	98.2	10.79	105.8	11.81	114.2	12.92	121.5	14.05	127.2	14.94
	12	63.5	7.16	80.2	8.79	98.2	11.03	105.8	12.08	114.2	13.19	121.5	14.34	127.2	15.27
	14	63.5	7.26	80.2	9.01	98.2	11.17	105.8	12.24	114.2	13.45	121.5	14.65	127.2	15.70
	16	63.5	7.36	80.2	9.11	98.2	11.41	105.8	12.63	114.2	14.25	121.5	15.82	127.2	17.11
	18	63.5	7.45	80.2	9.33	98.2	12.33	105.8	13.85	114.2	15.64	121.5	17.35	127.2	18.71
	20	63.5	7.59	80.2	10.14	98.2	13.52	105.8	15.27	114.2	17.22	121.5	19.06	127.2	20.66
	21	63.5	7.96	80.2	10.68	98.2	14.24	105.8	16.09	114.2	18.11	121.5	20.14	127.2	21.70
	23	63.5	8.75	80.2	11.77	98.2	15.85	105.8	17.82	114.2	20.17	121.5	22.25	127.2	24.04
	25	63.5	9.71	80.2	13.21	98.2	17.79	105.8	19.98	114.2	22.36	121.5	24.80	127.2	26.75
	27	63.5	10.87	80.2	14.89	98.2	19.93	105.8	22.34	114.2	25.13	121.5	27.45	127.2	29.27
	29	63.5	12.36	80.2	16.86	98.2	22.30	105.8	24.65	114.2	27.09	121.5	29.40	127.2	31.22
	31	63.5	14.06	80.2	19.00	98.2	24.02	105.8	26.25	114.2	28.96	121.5	31.40	127.2	33.33
	33	63.5	15.95	80.2	20.35	98.2	25.74	105.8	28.07	114.2	30.96	121.5	33.70	127.2	35.76
	35	63.5	17.06	80.2	21.70	98.2	27.53	105.8	30.18	114.2	33.21	121.5	35.92	127.2	38.27
	37	63.5	18.24	80.2	23.30	98.2	29.45	105.8	32.24	114.2	35.48	121.5	38.69	127.2	41.18
	39	63.5	19.52	80.2	24.98	98.2	31.48	105.8	34.64	114.2	37.99	121.5	41.45	127.2	44.14
	41	63.5	20.83	80.2	26.63	98.2	33.78	105.8	37.10	114.2	40.96	121.5	44.64	127.2	47.50
	43	63.5	22.40	80.2	28.63	98.2	36.26	105.8	39.78	112.6	43.10	114.4	44.11	114.4	44.11
	46	63.5	24.86	80.2	31.73	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43
	48	63.5	26.62	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31
60	10	54.5	6.27	68.8	7.55	84.2	9.11	90.7	9.91	97.8	10.79	104.2	11.54	109.1	12.21
	12	54.5	6.37	68.8	7.65	84.2	9.25	90.7	10.05	97.8	10.93	104.2	11.78	109.1	12.49
	14	54.5	6.45	68.8	7.76	84.2	9.46	90.7	10.28	97.8	11.17	104.2	11.95	109.1	12.75
	16	54.5	6.53	68.8	7.84	84.2	9.57	90.7	10.42	97.8	11.41	104.2	12.30	109.1	13.26
	18	54.5	6.61	68.8	8.05	84.2	9.88	90.7	10.94	97.8	12.22	104.2	13.48	109.1	14.46
	20	54.5	6.69	68.8	8.34	84.2	10.80	90.7	12.02	97.8	13.52	104.2	14.88	109.1	16.10
	21	54.5	6.77	68.8	8.69	84.2	11.40	90.7	12.65	97.8	14.22	104.2	15.65	109.1	16.91
	23	54.5	7.35	68.8	9.65	84.2	12.70	90.7	14.12	97.8	15.79	104.2	17.37	109.1	18.71
	25	54.5	8.12	68.8	10.74	84.2	14.10	90.7	15.77	97.8	17.64	104.2	19.46	109.1	20.81
	27	54.5	9.06	68.8	12.02	84.2	15.85	90.7	17.69	97.8	19.72	104.2	21.77	109.1	23.38
	29	54.5	10.23	68.8	13.67	84.2	17.91	90.7	19.98	97.8	22.25	104.2	24.16	109.1	25.57
	31	54.5	11.75	68.8	15.63	84.2	20.10	90.7	21.91	97.8	23.82	104.2	25.71	109.1	27.26
	33	54.5	13.52	68.8	17.34	84.2	21.49	90.7	23.33	97.8	25.53	104.2	27.55	109.1	29.27
	35	54.5	14.85	68.8	18.53	84.2	22.88	90.7	25.06	97.8	27.34	104.2	29.45	109.1	31.30
	37	54.5	15.78	68.8	19.81	84.2	24.54	90.7	26.82	97.8	29.22	104.2	31.64	109.1	33.41
	39	54.5	16.89	68.8	21.14	84.2	26.32	90.7	28.72	97.8	31.40	104.2	33.81	109.1	35.87
	41	54.5	18.07	68.8	22.72	84.2	28.14	90.7	30.64	97.8	33.54	104.2	36.24	109.1	38.47
	43	54.5	19.32	68.8	24.21	84.2	30.09	90.7	32.96	97.8	36.00	104.2	39.06	109.1	41.41
	46	54.5	21.50	68.8	26.94	84.2	33.49	87.7	35.02	88.5	35.43	88.5	35.43	88.5	35.43
	48	54.5	22.98	68.8	28.86	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31
50	10	45.4	5.60	57.3	6.53	70.2	7.65	75.6	8.24	81.5	8.79	86.7	9.43	90.8	9.91
	12	45.4	5.62	57.3	6.61	70.2	7.76	75.6	8.37	81.5	9.01	86.7	9.57	90.8	10.05
	14	45.4	5.69	57.3	6.69	70.2	7.92	75.6	8.47	81.5	9.11	86.7	9.72	90.8	10.28
	16	45.4	5.77	57.3	6.77	70.2	8.05	75.6	8.58	81.5	9.33	86.7	9.94	90.8	10.42
	18	45.4	5.79	57.3	6.87	70.2	8.13	75.6	8.77	81.5	9.46	86.7	10.29	90.8	10.97
	20	45.4	5.87	57.3	6.97	70.2	8.50	75.6	9.37	81.5	10.30	86.7	11.28	90.8	12.16
	21	45.4	5.91	57.3	7.09	70.2	8.96	75.6	9.86	81.5	10.87	86.7	11.90	90.8	12.70
	23	45.4	6.17	57.3	7.75	70.2	9.86	75.6	10.87	81.5	12.11	86.7	13.25	90.8	14.14
	25	45.4	6.73	57.3	8.60	70.2	11.06	75.6	12.20	81.5	13.46	86.7	14.71	90.8	15.77
	27	45.4	7.47	57.3	9.59	70.2	12.39	75.6	13.64	81.5	15.15	86.7	16.57	90.8	17.71
	29	45.4	8.40	57.3	10.95	70.2	14.03	75.6	15.48	81.5	17.17	86.7	18.81	90.8	20.00
	31	45.4	9.57	57.3	12.43	70.2	15.96	75.6	17.63	81.5	19.30	86.7	20.79	90.8	21.93
	33	45.4	11.06	57.3	14.40	70.2	17.59	75.6	19.06	81.5	20.77	86.7	22.16	90.8	23.37
	35	45.4	12.62	57.3	15.46	70.2	18.80	75.6	20.33	81.5	22.14	86.7	23.77	90.8	25.06
	37	45.4	13.54	57.3	16.56	70.2	20.25	75.6	21.85	81.5	23.75	86.7	25.37	90.8	26.82
	39	45.4	14.38	57.3	17.72	70.2	21.59	75.6	23.32	81.5	25.34	86.7	27.15	90.8	28.72
	41	45.4	15.43	57.3	18.93	70.2	23.03	75.6	25.00	81.5	27.13	86.7	29.23	90.8	30.72
	43	45.4	16.55	57.3	20.28	70.2	24.71	75.6	26.81	81.5	29.04	86.7	31.24	90.8	32.96
	46	45.4	18.26	57.3	22.53	70.2	27.46	75.6	29.73	81.5	32.34	86.7	34.54	87.8	35.08
	48	45.4	19.70	57.3	24.02	70.2	29.40	71.8	30.24	72.0	30.31	72.0	30.31	72.0	30.31

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM560LTE5

Cooling Capacity (56HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	122.4	14.39	154.6	20.27	189.0	28.84	203.8	33.28	216.9	37.31	227.3	40.56	235.2	43.26
	12	122.4	14.73	154.6	21.02	189.0	30.76	203.8	35.53	216.2	39.46	226.6	43.03	234.5	45.86
	14	122.4	15.12	154.6	22.83	189.0	33.07	203.8	38.11	215.5	42.09	225.8	45.70	233.6	48.88
	16	122.4	16.35	154.6	24.68	189.0	35.86	203.1	40.87	214.6	45.12	224.8	48.97	232.7	52.27
	18	122.4	17.91	154.6	26.97	189.0	38.92	202.2	44.05	213.6	48.53	223.8	52.27	231.6	55.45
	20	122.4	19.80	154.6	29.55	189.0	42.38	201.2	46.93	212.6	51.09	222.8	55.23	230.5	58.56
	21	122.4	20.81	154.6	30.90	189.0	43.80	200.7	48.19	212.1	52.44	222.2	56.67	229.9	60.33
	23	122.4	22.95	154.6	34.11	189.0	46.86	199.6	50.82	210.9	55.51	221.0	60.20	228.6	64.08
	25	122.4	25.62	154.6	36.63	187.9	49.48	198.4	53.85	209.7	59.01	219.7	64.03	227.3	68.43
	27	122.4	28.20	154.6	39.23	186.7	52.46	197.2	57.28	208.3	62.80	218.3	68.65	225.9	73.42
	29	122.4	30.19	154.6	42.01	185.4	55.66	195.8	60.99	206.9	67.15	216.8	73.73	223.2	78.21
	31	122.4	32.25	154.6	45.04	184.1	59.30	194.4	65.02	205.5	72.16	215.7	79.66	217.7	81.14
	33	122.4	34.52	154.6	48.28	182.6	63.20	193.1	69.88	201.7	75.90	201.7	75.90	201.7	75.90
	35	122.4	37.05	154.6	52.12	181.4	67.72	185.4	70.54	185.4	70.54	185.4	70.54	185.4	70.54
	37	122.4	39.83	154.6	56.55	169.2	65.30	169.2	65.30	169.2	65.30	169.2	65.30	169.2	65.30
	39	122.4	42.73	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62
	41	122.2	46.09	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49
	43	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00
	46	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28
120	10	112.9	13.02	142.6	17.94	174.5	24.73	188.2	28.60	203.0	33.01	214.1	36.48	221.6	38.79
	12	112.9	13.27	142.6	18.43	174.5	26.44	188.2	30.59	203.0	35.20	213.4	38.58	220.9	41.00
	14	112.9	13.58	142.6	19.66	174.5	28.55	188.2	32.76	203.0	37.74	212.6	41.16	220.1	43.73
	16	112.9	14.27	142.6	21.36	174.5	30.91	188.2	35.56	202.5	40.65	211.8	43.96	219.2	46.86
	18	112.9	15.69	142.6	23.43	174.5	33.60	188.2	38.56	201.6	43.65	210.8	47.35	218.2	50.15
	20	112.9	17.29	142.6	25.70	174.5	36.72	188.2	42.06	200.6	46.53	209.8	50.13	217.2	52.79
	21	112.9	18.14	142.6	26.92	174.5	38.35	188.2	43.44	200.1	47.77	209.3	51.46	216.6	54.38
	23	112.9	20.20	142.6	29.76	174.5	41.31	188.2	46.56	199.0	50.58	208.1	54.45	215.4	57.54
	25	112.9	22.48	142.6	32.58	174.5	43.97	187.3	49.26	197.8	53.57	206.9	57.69	214.2	61.20
	27	112.9	25.16	142.6	34.78	174.5	47.21	186.1	52.22	196.6	56.80	205.6	61.38	212.8	65.36
	29	112.9	27.07	142.6	37.25	174.5	50.60	184.8	55.40	195.2	60.49	204.2	65.64	211.4	69.93
	31	112.9	28.96	142.6	39.96	173.9	54.27	183.5	59.02	193.8	64.68	202.7	70.50	210.1	75.46
	33	112.9	30.97	142.6	42.89	172.5	57.63	182.1	62.91	192.5	69.28	201.7	75.90	201.7	75.90
	35	112.9	33.34	142.6	46.01	171.1	61.43	180.8	67.38	185.4	70.54	185.4	70.54	185.4	70.54
	37	112.9	35.63	142.6	49.71	169.2	65.30	169.2	65.30	169.2	65.30	169.2	65.30	169.2	65.30
	39	112.9	38.28	141.6	53.18	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62
	41	112.9	41.17	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49
	43	110.6	42.98	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00
	46	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28
110	10	103.6	11.69	130.8	15.87	159.9	21.28	172.5	24.14	185.9	27.88	198.0	31.49	207.2	34.47
	12	103.6	11.87	130.8	16.22	159.9	22.47	172.5	25.89	185.9	29.85	198.0	33.68	207.1	36.65
	14	103.6	12.12	130.8	16.84	159.9	24.21	172.5	27.97	185.9	32.13	198.0	36.13	206.4	38.96
	16	103.6	12.52	130.8	18.38	159.9	26.34	172.5	30.30	185.9	34.68	198.0	38.93	205.5	41.77
	18	103.6	13.58	130.8	20.08	159.9	28.72	172.5	32.95	185.9	37.69	198.0	42.40	204.6	44.85
	20	103.6	15.01	130.8	22.14	159.9	31.43	172.5	36.02	185.9	41.10	197.0	45.39	203.6	47.65
	21	103.6	15.78	130.8	23.21	159.9	32.85	172.5	37.66	185.9	42.77	196.5	46.61	203.1	49.11
	23	103.6	17.53	130.8	25.75	159.9	36.08	172.5	40.44	185.9	45.59	195.4	49.18	202.0	51.78
	25	103.6	19.69	130.8	28.43	159.9	38.52	172.5	43.22	185.8	48.58	194.3	52.09	200.8	54.86
	27	103.6	22.03	130.8	30.80	159.9	41.19	172.5	46.24	184.6	51.51	193.0	55.23	199.5	58.36
	29	103.6	24.24	130.8	33.00	159.9	44.14	172.5	49.74	183.3	54.64	191.7	58.80	198.2	62.16
	31	103.6	25.96	130.8	35.32	159.9	47.49	172.5	53.53	181.9	58.20	190.3	62.65	196.7	66.49
	33	103.6	27.86	130.8	37.86	159.9	51.15	171.2	56.83	180.5	62.03	188.9	67.08	195.5	71.50
	35	103.6	29.79	130.8	40.70	159.9	55.26	169.7	60.60	179.2	66.44	185.4	70.54	185.4	70.54
	37	103.6	31.91	130.8	43.71	159.2	59.42	168.2	64.68	169.2	65.30	169.2	65.30	169.2	65.30
	39	103.6	34.13	130.8	47.12	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62
	41	103.6	36.70	128.2	49.13	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49
	43	103.6	39.49	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00
	46	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28

7. Capacity Tables

Cooling Capacity (56HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	94.1	10.46	119.0	13.90	145.3	18.41	156.8	20.65	169.1	23.42	180.0	26.15	188.4	28.62
	12	94.1	10.60	119.0	14.21	145.3	18.99	156.8	21.68	169.1	24.88	180.0	28.11	188.4	30.67
	14	94.1	10.88	119.0	14.56	145.3	20.37	156.8	23.37	169.1	26.87	180.0	30.23	188.4	32.98
	16	94.1	11.03	119.0	15.63	145.3	22.10	156.8	25.44	169.1	29.15	180.0	32.70	188.4	35.59
	18	94.1	11.78	119.0	17.16	145.3	24.22	156.8	27.63	169.1	31.71	180.0	35.54	188.4	38.64
	20	94.1	12.96	119.0	18.87	145.3	26.60	156.8	30.27	169.1	34.69	180.0	38.77	188.4	42.09
	21	94.1	13.65	119.0	19.78	145.3	27.85	156.8	31.81	169.1	36.34	180.0	40.41	188.4	43.68
	23	94.1	15.18	119.0	21.90	145.3	30.76	156.8	34.87	169.1	39.26	180.0	43.27	188.4	46.58
	25	94.1	16.94	119.0	24.48	145.3	33.48	156.8	37.48	169.1	41.90	180.0	46.24	187.5	49.26
	27	94.1	19.05	119.0	27.13	145.3	35.87	156.8	39.98	169.1	44.87	180.0	49.64	186.3	52.24
	29	94.1	21.38	119.0	28.94	145.3	38.24	156.8	42.79	169.1	48.21	179.1	52.65	185.0	55.42
	31	94.1	23.14	119.0	30.93	145.3	41.07	156.8	46.06	169.1	51.69	177.8	56.08	183.7	59.04
	33	94.1	24.71	119.0	33.24	145.3	44.17	156.8	49.44	168.8	55.76	176.4	59.75	182.3	62.93
	35	94.1	26.51	119.0	35.58	145.3	47.47	156.8	53.35	167.4	59.43	175.0	63.74	181.0	67.66
	37	94.1	28.40	119.0	38.21	145.3	51.25	156.8	57.89	165.8	63.18	169.2	65.30	169.2	65.30
	39	94.1	30.43	119.0	41.03	143.6	54.24	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62
	41	94.1	32.56	119.0	44.36	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49
	43	94.1	35.06	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00
	46	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28
90	10	84.8	9.33	107.0	12.12	130.8	15.87	141.1	17.61	152.1	19.71	161.9	21.73	169.7	23.48
	12	84.8	9.47	107.0	12.42	130.8	16.22	141.1	18.08	152.1	20.42	161.9	22.99	169.7	25.10
	14	84.8	9.61	107.0	12.57	130.8	16.86	141.1	19.36	152.1	22.11	161.9	24.76	169.7	27.10
	16	84.8	9.83	107.0	13.02	130.8	18.38	141.1	21.04	152.1	24.10	161.9	26.90	169.7	29.23
	18	84.8	10.06	107.0	14.38	130.8	20.08	141.1	22.91	152.1	26.17	161.9	29.33	169.7	31.82
	20	84.8	11.18	107.0	15.85	130.8	22.18	141.1	25.22	152.1	28.69	161.9	32.09	169.7	34.96
	21	84.8	11.68	107.0	16.68	130.8	23.21	141.1	26.41	152.1	30.22	161.9	33.73	169.7	36.47
	23	84.8	13.00	107.0	18.50	130.8	25.75	141.1	29.20	152.1	33.20	161.9	36.80	169.7	39.45
	25	84.8	14.58	107.0	20.59	130.8	28.58	141.1	32.02	152.1	35.76	161.9	39.34	169.7	42.17
	27	84.8	16.26	107.0	23.19	130.8	30.94	141.1	34.35	152.1	38.33	161.9	42.10	169.7	45.15
	29	84.8	18.42	107.0	25.22	130.8	33.08	141.1	36.70	152.1	41.07	161.9	45.09	169.7	48.34
	31	84.8	20.50	107.0	27.03	130.8	35.33	141.1	39.38	152.1	43.97	161.9	48.32	169.7	52.02
	33	84.8	21.93	107.0	28.97	130.8	37.92	141.1	42.20	152.1	47.21	161.9	52.11	169.2	55.80
	35	84.8	23.40	107.0	30.98	130.8	40.70	141.1	45.30	152.1	50.91	161.9	56.43	167.8	59.47
	37	84.8	25.13	107.0	33.22	130.8	43.71	141.1	48.88	152.1	55.24	160.6	60.26	166.2	63.46
	39	84.8	26.94	107.0	35.66	130.8	47.21	140.6	52.44	148.4	56.78	149.8	57.62	149.8	57.62
	41	84.8	28.69	107.0	38.32	128.2	49.15	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49
	43	84.8	30.91	106.4	40.82	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00
	46	83.7	33.76	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28
80	10	75.3	8.32	95.2	10.60	116.2	13.48	125.4	14.91	135.2	16.56	143.9	18.15	150.7	19.48
	12	75.3	8.42	95.2	10.77	116.2	13.76	125.4	15.23	135.2	16.96	143.9	18.66	150.7	20.06
	14	75.3	8.54	95.2	10.99	116.2	14.07	125.4	15.69	135.2	17.83	143.9	20.07	150.7	21.79
	16	75.3	8.67	95.2	11.16	116.2	15.03	125.4	17.05	135.2	19.55	143.9	21.78	150.7	23.66
	18	75.3	8.89	95.2	11.98	116.2	16.51	125.4	18.78	135.2	21.31	143.9	23.75	150.7	25.82
	20	75.3	9.49	95.2	13.14	116.2	18.16	125.4	20.61	135.2	23.50	143.9	26.05	150.7	28.33
	21	75.3	9.93	95.2	13.82	116.2	19.07	125.4	21.65	135.2	24.58	143.9	27.42	150.7	29.62
	23	75.3	11.05	95.2	15.40	116.2	21.13	125.4	23.99	135.2	27.24	143.9	30.20	150.7	32.64
	25	75.3	12.28	95.2	17.20	116.2	23.58	125.4	26.61	135.2	30.13	143.9	33.07	150.7	35.40
	27	75.3	13.84	95.2	19.32	116.2	26.27	125.4	29.12	135.2	32.34	143.9	35.28	150.7	37.73
	29	75.3	15.74	95.2	21.64	116.2	28.09	125.4	31.11	135.2	34.55	143.9	37.85	150.7	40.43
	31	75.3	17.73	95.2	23.43	116.2	30.09	125.4	33.42	135.2	37.10	143.9	40.41	150.7	43.37
	33	75.3	19.16	95.2	25.00	116.2	32.37	125.4	35.70	135.2	39.63	143.9	43.56	150.7	46.51
	35	75.3	20.60	95.2	26.81	116.2	34.59	125.4	38.35	135.2	42.67	143.9	46.74	150.7	50.14
	37	75.3	22.05	95.2	28.72	116.2	37.18	125.4	41.20	135.2	45.88	143.9	50.41	150.7	54.35
	39	75.3	23.52	95.2	30.76	116.2	39.94	125.4	44.28	135.2	49.52	142.6	53.50	147.4	56.22
	41	75.3	25.25	95.2	33.10	116.2	42.93	124.4	47.11	131.0	50.49	131.0	50.49	131.0	50.49
	43	75.3	27.08	95.2	35.44	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00
	46	75.3	29.97	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28

7. Capacity Tables

Cooling Capacity (56HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	65.8	7.35	83.2	9.11	101.9	11.44	109.8	12.54	118.4	13.80	126.0	15.05	131.9	16.01
	12	65.8	7.45	83.2	9.25	101.9	11.69	109.8	12.85	118.4	14.07	126.0	15.39	131.9	16.40
	14	65.8	7.56	83.2	9.47	101.9	11.87	109.8	13.02	118.4	14.39	126.0	15.84	131.9	17.10
	16	65.8	7.66	83.2	9.61	101.9	12.19	109.8	13.63	118.4	15.46	126.0	17.20	131.9	18.65
	18	65.8	7.77	83.2	9.90	101.9	13.32	109.8	15.00	118.4	16.97	126.0	18.86	131.9	20.37
	20	65.8	8.03	83.2	10.84	101.9	14.58	109.8	16.54	118.4	18.67	126.0	20.71	131.9	22.43
	21	65.8	8.44	83.2	11.41	101.9	15.38	109.8	17.37	118.4	19.63	126.0	21.85	131.9	23.53
	23	65.8	9.28	83.2	12.64	101.9	17.09	109.8	19.24	118.4	21.80	126.0	24.10	131.9	26.08
	25	65.8	10.31	83.2	14.16	101.9	19.18	109.8	21.58	118.4	24.24	126.0	26.86	131.9	28.91
	27	65.8	11.54	83.2	15.94	101.9	21.46	109.8	24.06	118.4	26.94	126.0	29.29	131.9	31.21
	29	65.8	13.14	83.2	18.07	101.9	23.73	109.8	26.17	118.4	28.84	126.0	31.35	131.9	33.35
	31	65.8	14.97	83.2	20.09	101.9	25.43	109.8	27.88	118.4	30.85	126.0	33.50	131.9	35.68
	33	65.8	16.70	83.2	21.45	101.9	27.30	109.8	29.88	118.4	33.00	126.0	35.97	131.9	38.25
	35	65.8	17.89	83.2	22.89	101.9	29.22	109.8	32.14	118.4	35.47	126.0	38.44	131.9	41.09
	37	65.8	19.16	83.2	24.60	101.9	31.29	109.8	34.36	118.4	37.94	126.0	41.50	131.9	44.32
	39	65.8	20.48	83.2	26.40	101.9	33.48	109.8	36.95	118.4	40.73	126.0	44.58	131.9	47.65
	41	65.8	21.88	83.2	28.12	101.9	36.01	109.8	39.68	118.4	43.96	124.8	47.35	129.0	49.43
	43	65.8	23.55	83.2	30.31	101.9	38.70	108.4	41.78	113.0	44.00	113.0	44.00	113.0	44.00
	46	65.8	26.14	82.5	33.32	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	65.8	28.02	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28
60	10	56.5	6.49	71.4	7.88	87.3	9.61	94.1	10.46	101.4	11.40	108.0	12.29	113.1	13.02
	12	56.5	6.59	71.4	7.99	87.3	9.75	94.1	10.60	101.4	11.59	108.0	12.54	113.1	13.31
	14	56.5	6.67	71.4	8.10	87.3	9.97	94.1	10.88	101.4	11.83	108.0	12.75	113.1	13.58
	16	56.5	6.76	71.4	8.21	87.3	10.11	94.1	11.03	101.4	12.18	108.0	13.23	113.1	14.37
	18	56.5	6.86	71.4	8.42	87.3	10.56	94.1	11.78	101.4	13.18	108.0	14.57	113.1	15.69
	20	56.5	6.94	71.4	8.87	87.3	11.57	94.1	12.96	101.4	14.57	108.0	16.08	113.1	17.41
	21	56.5	7.10	71.4	9.25	87.3	12.23	94.1	13.63	101.4	15.32	108.0	16.91	113.1	18.26
	23	56.5	7.73	71.4	10.30	87.3	13.61	94.1	15.18	101.4	17.02	108.0	18.73	113.1	20.26
	25	56.5	8.58	71.4	11.46	87.3	15.13	94.1	16.94	101.4	18.99	108.0	21.03	113.1	22.51
	27	56.5	9.61	71.4	12.81	87.3	16.99	94.1	19.05	101.4	21.29	108.0	23.49	113.1	25.16
	29	56.5	10.82	71.4	14.56	87.3	19.21	94.1	21.38	101.4	23.68	108.0	25.65	113.1	27.21
	31	56.5	12.45	71.4	16.66	87.3	21.23	94.1	23.14	101.4	25.26	108.0	27.32	113.1	28.98
	33	56.5	14.27	71.4	18.21	87.3	22.67	94.1	24.71	101.4	27.09	108.0	29.29	113.1	31.18
	35	56.5	15.49	71.4	19.44	87.3	24.21	94.1	26.51	101.4	28.99	108.0	31.33	113.1	33.36
	37	56.5	16.46	71.4	20.81	87.3	25.98	94.1	28.40	101.4	31.05	108.0	33.68	113.1	35.65
	39	56.5	17.64	71.4	22.24	87.3	27.84	94.1	30.43	101.4	33.39	108.0	36.03	113.1	38.31
	41	56.5	18.90	71.4	23.92	87.3	29.79	94.1	32.56	101.4	35.76	108.0	38.72	113.1	41.20
	43	56.5	20.24	71.4	25.47	87.3	31.89	94.1	35.06	101.4	38.43	107.2	41.28	110.8	42.98
	46	56.5	22.53	71.4	28.40	85.5	34.62	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	56.5	24.05	69.8	29.66	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28
50	10	47.0	5.76	59.4	6.76	72.8	7.99	78.4	8.64	84.6	9.25	89.9	9.97	94.1	10.46
	12	47.0	5.78	59.4	6.86	72.8	8.12	78.4	8.75	84.6	9.47	89.9	10.11	94.1	10.64
	14	47.0	5.86	59.4	6.94	72.8	8.29	78.4	8.89	84.6	9.61	89.9	10.27	94.1	10.88
	16	47.0	5.94	59.4	7.03	72.8	8.42	78.4	9.00	84.6	9.83	89.9	10.49	94.1	11.03
	18	47.0	5.98	59.4	7.15	72.8	8.54	78.4	9.22	84.6	10.06	89.9	11.04	94.1	11.78
	20	47.0	6.06	59.4	7.24	72.8	9.04	78.4	9.99	84.6	11.04	89.9	12.11	94.1	13.07
	21	47.0	6.10	59.4	7.46	72.8	9.53	78.4	10.51	84.6	11.64	89.9	12.80	94.1	13.65
	23	47.0	6.45	59.4	8.20	72.8	10.52	78.4	11.62	84.6	12.99	89.9	14.23	94.1	15.20
	25	47.0	7.06	59.4	9.08	72.8	11.79	78.4	13.06	84.6	14.42	89.9	15.81	94.1	16.98
	27	47.0	7.86	59.4	10.17	72.8	13.20	78.4	14.59	84.6	16.25	89.9	17.79	94.1	19.07
	29	47.0	8.86	59.4	11.59	72.8	15.01	78.4	16.57	84.6	18.39	89.9	20.20	94.1	21.40
	31	47.0	10.10	59.4	13.19	72.8	17.00	78.4	18.73	84.6	20.38	89.9	21.95	94.1	23.16
	33	47.0	11.66	59.4	15.14	72.8	18.47	78.4	20.07	84.6	21.88	89.9	23.46	94.1	24.72
	35	47.0	13.14	59.4	16.17	72.8	19.77	78.4	21.43	84.6	23.39	89.9	25.18	94.1	26.51
	37	47.0	14.09	59.4	17.30	72.8	21.27	78.4	23.01	84.6	25.11	89.9	26.84	94.1	28.40
	39	47.0	14.99	59.4	18.54	72.8	22.75	78.4	24.58	84.6	26.77	89.9	28.76	94.1	30.43
	41	47.0	16.07	59.4	19.83	72.8	24.24	78.4	26.38	84.6	28.68	89.9	30.98	94.1	32.58
	43	47.0	17.27	59.4	21.22	72.8	26.03	78.4	28.31	84.6	30.74	89.9	33.14	94.1	35.06
	46	47.0	19.02	59.4	23.64	72.8	29.00	78.4	31.46	83.5	33.74	87.3	35.34	87.3	35.34
	48	47.0	20.54	59.4	25.18	70.8	30.08	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM580LTE5

Cooling Capacity (58HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	126.7	14.08	160.1	19.25	195.8	26.59	211.1	30.51	227.6	35.34	242.4	39.85	253.7	43.57
	12	126.7	14.39	160.1	19.74	195.8	28.41	211.1	32.83	227.6	37.88	242.4	42.76	253.7	46.64
	14	126.7	14.64	160.1	21.29	195.8	30.68	211.1	35.35	227.6	40.88	242.4	45.86	253.7	50.24
	16	126.7	15.54	160.1	23.21	195.8	33.46	211.1	38.38	227.6	44.27	242.4	49.57	253.7	54.15
	18	126.7	17.08	160.1	25.43	195.8	36.38	211.1	41.80	227.6	48.04	242.4	53.43	253.7	57.98
	20	126.7	18.94	160.1	27.89	195.8	39.89	211.1	45.44	227.6	51.49	242.4	57.23	253.7	61.83
	21	126.7	19.90	160.1	29.24	195.8	41.46	211.1	47.03	227.6	53.10	242.4	58.99	253.7	63.94
	23	126.7	21.98	160.1	32.39	195.8	44.74	211.1	50.26	227.6	56.82	242.4	63.16	253.7	68.51
	25	126.7	24.51	160.1	35.23	195.8	47.77	211.1	53.79	227.6	60.92	242.4	67.79	253.7	73.75
	27	126.7	27.26	160.1	37.86	195.8	51.11	211.1	57.76	227.6	65.45	242.4	73.37	253.7	79.82
	29	126.7	29.49	160.1	40.51	195.8	54.86	211.1	62.13	227.6	70.61	242.4	79.41	252.3	85.87
	31	126.7	31.52	160.1	43.40	195.8	59.01	211.1	66.89	227.6	76.61	242.4	86.56	247.9	90.18
	33	126.7	33.72	160.1	46.46	195.8	63.57	211.1	72.63	224.8	81.37	229.4	84.14	232.9	86.59
	35	126.7	36.20	160.1	49.92	195.8	68.75	204.5	74.21	209.6	77.27	211.3	78.39	211.3	78.39
	37	126.7	38.80	160.1	53.80	185.0	67.37	188.9	69.74	188.9	69.74	188.9	69.74	188.9	69.74
	39	126.7	41.62	159.7	57.82	167.3	61.86	167.3	61.86	167.3	61.86	167.3	61.86	167.3	61.86
	41	126.7	44.82	145.9	54.11	146.4	54.38	146.4	54.38	146.4	54.38	146.4	54.38	146.4	54.38
	43	122.3	45.70	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64
	46	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40
	48	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99
120	10	116.9	12.84	147.7	17.27	180.7	23.05	194.9	26.41	210.2	30.23	223.6	34.16	234.3	37.40
	12	116.9	13.06	147.7	17.62	180.7	24.47	194.9	28.28	210.2	32.54	223.6	36.62	234.3	40.02
	14	116.9	13.35	147.7	18.50	180.7	26.58	194.9	30.49	210.2	35.03	223.6	39.56	234.3	43.14
	16	116.9	13.78	147.7	20.14	180.7	28.88	194.9	33.15	210.2	38.06	223.6	42.69	234.3	46.67
	18	116.9	15.02	147.7	22.14	180.7	31.52	194.9	36.07	210.2	41.30	223.6	46.42	234.3	50.37
	20	116.9	16.58	147.7	24.37	180.7	34.50	194.9	39.55	210.2	44.92	223.6	50.05	234.3	53.91
	21	116.9	17.43	147.7	25.53	180.7	36.18	194.9	41.13	210.2	46.49	223.6	51.77	234.3	55.79
	23	116.9	19.43	147.7	28.28	180.7	39.39	194.9	44.42	210.2	49.91	223.6	55.31	234.3	59.56
	25	116.9	21.60	147.7	31.24	180.7	42.19	194.9	47.45	210.2	53.40	223.6	59.13	234.3	63.95
	27	116.9	24.24	147.7	33.71	180.7	45.22	194.9	50.77	210.2	57.16	223.6	63.44	234.3	68.91
	29	116.9	26.48	147.7	36.16	180.7	48.36	194.9	54.49	210.2	61.51	223.6	68.56	234.3	74.35
	31	116.9	28.44	147.7	38.75	180.7	52.07	194.9	58.61	210.2	66.42	223.6	74.27	234.3	80.92
	33	116.9	30.42	147.7	41.48	180.7	55.86	194.9	63.14	210.2	71.78	223.6	80.65	226.9	82.58
	35	116.9	32.71	147.7	44.44	180.7	60.23	194.9	68.28	204.2	74.06	208.4	76.48	211.3	78.39
	37	116.9	34.96	147.7	47.78	180.3	64.89	184.7	67.23	188.9	69.74	188.9	69.74	188.9	69.74
	39	116.9	37.51	147.7	51.56	166.1	61.15	167.3	61.86	167.3	61.86	167.3	61.86	167.3	61.86
	41	116.9	40.19	142.1	52.17	146.4	54.38	146.4	54.38	146.4	54.38	146.4	54.38	146.4	54.38
	43	116.9	43.31	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64
	46	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40
	48	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99
110	10	107.3	11.65	135.4	15.37	165.6	20.15	178.6	22.52	192.6	25.76	205.0	28.92	214.6	31.56
	12	107.3	11.78	135.4	15.69	165.6	21.01	178.6	23.99	192.6	27.57	205.0	31.08	214.6	33.94
	14	107.3	12.04	135.4	16.09	165.6	22.58	178.6	26.03	192.6	29.89	205.0	33.56	214.6	36.56
	16	107.3	12.28	135.4	17.40	165.6	24.72	178.6	28.31	192.6	32.36	205.0	36.32	214.6	39.66
	18	107.3	13.15	135.4	19.09	165.6	27.02	178.6	30.92	192.6	35.24	205.0	39.61	214.6	43.02
	20	107.3	14.49	135.4	21.10	165.6	29.66	178.6	33.84	192.6	38.65	205.0	43.22	214.6	46.52
	21	107.3	15.26	135.4	22.13	165.6	31.00	178.6	35.49	192.6	40.47	205.0	44.75	214.6	48.40
	23	107.3	16.96	135.4	24.54	165.6	34.36	178.6	38.57	192.6	43.55	205.0	47.99	214.6	51.64
	25	107.3	19.02	135.4	27.15	165.6	37.09	178.6	41.46	192.6	46.47	205.0	51.36	214.6	55.25
	27	107.3	21.21	135.4	29.84	165.6	39.73	178.6	44.36	192.6	49.82	205.0	55.00	214.6	59.30
	29	107.3	23.60	135.4	32.13	165.6	42.49	178.6	47.62	192.6	53.40	205.0	59.10	214.6	63.80
	31	107.3	25.60	135.4	34.37	165.6	45.67	178.6	51.10	192.6	57.54	205.0	63.62	214.6	68.89
	33	107.3	27.44	135.4	36.86	165.6	49.05	178.6	54.82	192.6	61.89	205.0	68.88	214.6	74.81
	35	107.3	29.41	135.4	39.59	165.6	52.65	178.6	59.13	192.6	67.05	202.6	73.09	205.6	74.81
	37	107.3	31.44	135.4	42.37	165.6	56.72	178.6	63.99	184.0	66.81	187.8	69.11	188.9	69.74
	39	107.3	33.64	135.4	45.59	161.4	58.60	165.4	60.74	167.3	61.86	167.3	61.86	167.3	61.86
	41	107.3	36.10	135.4	49.01	146.4	54.38	146.4	54.38	146.4	54.38	146.4	54.38	146.4	54.38
	43	107.3	38.70	125.0	46.91	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64
	46	97.5	38.28	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40
	48	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99

7. Capacity Tables

Cooling Capacity (58HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	97.5	10.53	123.2	13.64	150.5	17.62	162.4	19.60	175.1	21.92	186.4	24.28	195.2	26.43
	12	97.5	10.65	123.2	13.93	150.5	18.06	162.4	20.34	175.1	23.10	186.4	26.00	195.2	28.31
	14	97.5	10.91	123.2	14.18	150.5	19.09	162.4	21.87	175.1	25.06	186.4	28.15	195.2	30.65
	16	97.5	11.03	123.2	14.93	150.5	20.80	162.4	23.89	175.1	27.28	186.4	30.62	195.2	33.25
	18	97.5	11.53	123.2	16.40	150.5	22.85	162.4	26.00	175.1	29.81	186.4	33.28	195.2	36.09
	20	97.5	12.64	123.2	18.07	150.5	25.19	162.4	28.59	175.1	32.58	186.4	36.39	195.2	39.58
	21	97.5	13.27	123.2	18.93	150.5	26.38	162.4	30.05	175.1	34.26	186.4	38.22	195.2	41.32
	23	97.5	14.76	123.2	20.95	150.5	29.13	162.4	33.17	175.1	37.41	186.4	41.34	195.2	44.45
	25	97.5	16.44	123.2	23.45	150.5	32.12	162.4	36.04	175.1	40.27	186.4	44.23	195.2	47.46
	27	97.5	18.43	123.2	26.24	150.5	34.75	162.4	38.59	175.1	43.06	186.4	47.47	195.2	50.88
	29	97.5	20.77	123.2	28.28	150.5	37.08	162.4	41.28	175.1	46.24	186.4	50.71	195.2	54.52
	31	97.5	22.88	123.2	30.31	150.5	39.73	162.4	44.32	175.1	49.44	186.4	54.58	195.2	58.64
	33	97.5	24.44	123.2	32.53	150.5	42.67	162.4	47.44	175.1	53.27	186.4	58.73	195.2	63.17
	35	97.5	26.22	123.2	34.77	150.5	45.72	162.4	50.94	175.1	57.36	186.4	63.33	195.2	68.67
	37	97.5	28.16	123.2	37.37	150.5	49.13	162.4	55.00	175.1	61.87	182.0	65.82	184.8	67.35
	39	97.5	30.12	123.2	40.05	150.5	52.98	160.4	58.09	164.3	60.18	167.3	61.86	167.3	61.86
	41	97.5	32.23	123.2	43.07	142.9	52.56	146.4	54.38	146.4	54.38	146.4	54.38	146.4	54.38
	43	97.5	34.64	121.2	45.13	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64
	46	94.5	36.96	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40
	48	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99
90	10	87.8	9.49	110.8	12.04	135.5	15.37	146.2	16.93	157.5	18.78	167.7	20.53	175.7	21.98
	12	87.8	9.61	110.8	12.28	135.5	15.69	146.2	17.27	157.5	19.25	167.7	21.47	175.7	23.26
	14	87.8	9.73	110.8	12.45	135.5	16.11	146.2	18.22	157.5	20.66	167.7	23.09	175.7	25.23
	16	87.8	9.96	110.8	12.69	135.5	17.41	146.2	19.81	157.5	22.61	167.7	25.24	175.7	27.38
	18	87.8	10.08	110.8	13.85	135.5	19.09	146.2	21.66	157.5	24.71	167.7	27.59	175.7	29.87
	20	87.8	10.99	110.8	15.27	135.5	21.11	146.2	23.93	157.5	27.13	167.7	30.29	175.7	32.87
	21	87.8	11.48	110.8	16.06	135.5	22.13	146.2	25.07	157.5	28.54	167.7	31.79	175.7	34.33
	23	87.8	12.74	110.8	17.83	135.5	24.55	146.2	27.71	157.5	31.52	167.7	35.02	175.7	37.60
	25	87.8	14.23	110.8	19.85	135.5	27.29	146.2	30.74	157.5	34.40	167.7	37.89	175.7	40.48
	27	87.8	15.87	110.8	22.30	135.5	29.99	146.2	33.30	157.5	37.04	167.7	40.55	175.7	43.35
	29	87.8	17.96	110.8	24.67	135.5	32.22	146.2	35.58	157.5	39.66	167.7	43.34	175.7	46.29
	31	87.8	20.21	110.8	26.58	135.5	34.37	146.2	38.14	157.5	42.42	167.7	46.39	175.7	49.69
	33	87.8	21.75	110.8	28.52	135.5	36.94	146.2	40.90	157.5	45.43	167.7	49.82	175.7	53.42
	35	87.8	23.25	110.8	30.50	135.5	39.59	146.2	43.77	157.5	48.82	167.7	53.68	175.7	57.52
	37	87.8	24.98	110.8	32.66	135.5	42.37	146.2	47.06	157.5	52.63	167.7	57.92	175.7	62.26
	39	87.8	26.84	110.8	35.07	135.5	45.61	146.2	50.59	157.5	56.60	162.1	58.98	164.5	60.20
	41	87.8	28.58	110.8	37.61	135.5	49.03	141.6	51.93	145.1	53.71	146.4	54.38	146.4	54.38
	43	87.8	30.80	110.8	40.38	125.1	46.91	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64
	46	87.8	34.14	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40
	48	79.4	32.89	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99
80	10	78.0	8.53	98.6	10.65	120.4	13.25	129.9	14.54	140.1	16.01	149.1	17.44	156.1	18.59
	12	78.0	8.65	98.6	10.79	120.4	13.49	129.9	14.79	140.1	16.33	149.1	17.79	156.1	18.96
	14	78.0	8.74	98.6	10.99	120.4	13.79	129.9	15.10	140.1	16.91	149.1	18.86	156.1	20.38
	16	78.0	8.86	98.6	11.17	120.4	14.44	129.9	16.17	140.1	18.46	149.1	20.52	156.1	22.20
	18	78.0	9.09	98.6	11.69	120.4	15.77	129.9	17.89	140.1	20.20	149.1	22.43	156.1	24.34
	20	78.0	9.48	98.6	12.82	120.4	17.39	129.9	19.68	140.1	22.31	149.1	24.68	156.1	26.81
	21	78.0	9.86	98.6	13.45	120.4	18.30	129.9	20.67	140.1	23.39	149.1	25.98	156.1	28.04
	23	78.0	10.93	98.6	14.98	120.4	20.26	129.9	22.95	140.1	25.91	149.1	28.62	156.1	30.99
	25	78.0	12.09	98.6	16.67	120.4	22.62	129.9	25.42	140.1	28.83	149.1	31.78	156.1	33.99
	27	78.0	13.63	98.6	18.71	120.4	25.35	129.9	28.14	140.1	31.38	149.1	34.17	156.1	36.46
	29	78.0	15.40	98.6	21.06	120.4	27.54	129.9	30.36	140.1	33.60	149.1	36.66	156.1	39.06
	31	78.0	17.43	98.6	23.14	120.4	29.47	129.9	32.65	140.1	36.06	149.1	39.10	156.1	41.87
	33	78.0	19.10	98.6	24.70	120.4	31.73	129.9	34.90	140.1	38.47	149.1	42.12	156.1	44.76
	35	78.0	20.58	98.6	26.49	120.4	33.93	129.9	37.44	140.1	41.44	149.1	45.12	156.1	48.11
	37	78.0	22.02	98.6	28.45	120.4	36.42	129.9	40.10	140.1	44.33	149.1	48.41	156.1	51.89
	39	78.0	23.54	98.6	30.41	120.4	39.04	129.9	43.02	140.1	47.68	149.1	52.10	156.1	55.80
	41	78.0	25.27	98.6	32.73	120.4	41.80	129.9	46.20	139.7	50.97	142.5	52.31	144.7	53.45
	43	78.0	27.17	98.6	34.99	120.4	44.79	123.3	46.17	126.4	47.64	126.4	47.64	126.4	47.64
	46	78.0	30.00	94.8	37.07	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40
	48	76.4	31.66	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99

7. Capacity Tables

Cooling Capacity (58HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	68.2	7.67	86.1	9.30	105.5	11.43	113.7	12.41	122.6	13.54	130.5	14.64	136.6	15.52
	12	68.2	7.78	86.1	9.41	105.5	11.65	113.7	12.69	122.6	13.79	130.5	14.96	136.6	15.84
	14	68.2	7.84	86.1	9.61	105.5	11.78	113.7	12.84	122.6	14.08	130.5	15.25	136.6	16.30
	16	68.2	7.95	86.1	9.73	105.5	12.04	113.7	13.24	122.6	14.81	130.5	16.32	136.6	17.63
	18	68.2	8.04	86.1	9.96	105.5	12.88	113.7	14.39	122.6	16.20	130.5	17.92	136.6	19.34
	20	68.2	8.19	86.1	10.72	105.5	14.14	113.7	15.90	122.6	17.87	130.5	19.73	136.6	21.37
	21	68.2	8.54	86.1	11.24	105.5	14.85	113.7	16.72	122.6	18.78	130.5	20.82	136.6	22.41
	23	68.2	9.35	86.1	12.42	105.5	16.50	113.7	18.54	122.6	20.89	130.5	23.00	136.6	24.83
	25	68.2	10.31	86.1	13.87	105.5	18.53	113.7	20.76	122.6	23.19	130.5	25.68	136.6	27.61
	27	68.2	11.48	86.1	15.54	105.5	20.72	113.7	23.18	122.6	25.98	130.5	28.38	136.6	30.29
	29	68.2	13.00	86.1	17.59	105.5	23.15	113.7	25.61	122.6	28.23	130.5	30.62	136.6	32.51
	31	68.2	14.72	86.1	19.80	105.5	25.08	113.7	27.39	122.6	30.20	130.5	32.68	136.6	34.76
	33	68.2	16.70	86.1	21.34	105.5	26.89	113.7	29.38	122.6	32.34	130.5	35.11	136.6	37.28
	35	68.2	17.93	86.1	22.82	105.5	28.86	113.7	31.55	122.6	34.72	130.5	37.47	136.6	39.93
	37	68.2	19.24	86.1	24.52	105.5	30.84	113.7	33.75	122.6	37.08	130.5	40.41	136.6	42.93
	39	68.2	20.54	86.1	26.31	105.5	33.00	113.7	36.23	122.6	39.73	130.5	43.25	136.6	45.98
	41	68.2	21.99	86.1	28.02	105.5	35.44	113.7	38.92	122.6	42.81	130.5	46.54	136.6	49.44
	43	68.2	23.67	86.1	30.21	105.5	38.01	113.7	41.68	121.0	45.12	123.5	46.18	125.4	47.14
	46	68.2	26.35	86.1	33.50	96.9	38.05	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40
	48	68.2	28.24	78.9	32.69	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99
60	10	58.6	6.85	73.9	8.15	90.4	9.73	97.4	10.53	105.0	11.39	111.9	12.18	117.1	12.84
	12	58.6	6.95	73.9	8.25	90.4	9.84	97.4	10.65	105.0	11.55	111.9	12.41	117.1	13.10
	14	58.6	7.04	73.9	8.36	90.4	10.08	97.4	10.91	105.0	11.78	111.9	12.59	117.1	13.35
	16	58.6	7.10	73.9	8.45	90.4	10.20	97.4	11.03	105.0	12.00	111.9	12.90	117.1	13.88
	18	58.6	7.19	73.9	8.65	90.4	10.49	97.4	11.53	105.0	12.77	111.9	14.04	117.1	15.02
	20	58.6	7.28	73.9	8.92	90.4	11.36	97.4	12.64	105.0	14.09	111.9	15.47	117.1	16.70
	21	58.6	7.34	73.9	9.28	90.4	11.98	97.4	13.25	105.0	14.83	111.9	16.29	117.1	17.56
	23	58.6	7.91	73.9	10.26	90.4	13.29	97.4	14.76	105.0	16.48	111.9	18.06	117.1	19.46
	25	58.6	8.69	73.9	11.36	90.4	14.76	97.4	16.44	105.0	18.33	111.9	20.25	117.1	21.62
	27	58.6	9.65	73.9	12.64	90.4	16.53	97.4	18.43	105.0	20.50	111.9	22.61	117.1	24.24
	29	58.6	10.82	73.9	14.31	90.4	18.67	97.4	20.77	105.0	23.07	111.9	25.08	117.1	26.62
	31	58.6	12.38	73.9	16.34	90.4	20.95	97.4	22.88	105.0	24.91	111.9	26.84	117.1	28.46
	33	58.6	14.16	73.9	18.17	90.4	22.50	97.4	24.44	105.0	26.72	111.9	28.81	117.1	30.58
	35	58.6	15.60	73.9	19.47	90.4	24.03	97.4	26.22	105.0	28.60	111.9	30.81	117.1	32.74
	37	58.6	16.64	73.9	20.84	90.4	25.79	97.4	28.16	105.0	30.65	111.9	33.13	117.1	34.99
	39	58.6	17.80	73.9	22.32	90.4	27.63	97.4	30.12	105.0	32.98	111.9	35.39	117.1	37.53
	41	58.6	19.11	73.9	23.99	90.4	29.63	97.4	32.23	105.0	35.25	111.9	37.96	117.1	40.21
	43	58.6	20.44	73.9	25.60	90.4	31.73	97.4	34.64	105.0	37.80	111.9	40.95	117.1	43.32
	46	58.6	22.81	73.9	28.48	90.4	35.31	94.4	36.96	96.8	37.95	97.8	38.40	97.8	38.40
	48	58.6	24.41	73.9	30.55	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99
50	10	48.7	6.19	61.5	7.13	75.4	8.25	81.2	8.86	87.6	9.41	93.1	10.08	97.5	10.53
	12	48.7	6.19	61.5	7.19	75.4	8.36	81.2	8.97	87.6	9.61	93.1	10.20	97.5	10.65
	14	48.7	6.28	61.5	7.28	75.4	8.53	81.2	9.09	87.6	9.73	93.1	10.33	97.5	10.91
	16	48.7	6.34	61.5	7.37	75.4	8.65	81.2	9.18	87.6	9.92	93.1	10.53	97.5	11.03
	18	48.7	6.37	61.5	7.48	75.4	8.74	81.2	9.38	87.6	10.08	93.1	10.93	97.5	11.53
	20	48.7	6.45	61.5	7.58	75.4	9.06	81.2	9.92	87.6	10.89	93.1	11.88	97.5	12.74
	21	48.7	6.49	61.5	7.68	75.4	9.53	81.2	10.43	87.6	11.48	93.1	12.52	97.5	13.27
	23	48.7	6.74	61.5	8.33	75.4	10.46	81.2	11.47	87.6	12.74	93.1	13.90	97.5	14.78
	25	48.7	7.26	61.5	9.17	75.4	11.66	81.2	12.81	87.6	14.10	93.1	15.37	97.5	16.49
	27	48.7	8.02	61.5	10.20	75.4	12.99	81.2	14.32	87.6	15.87	93.1	17.28	97.5	18.46
	29	48.7	8.96	61.5	11.55	75.4	14.74	81.2	16.17	87.6	17.87	93.1	19.60	97.5	20.79
	31	48.7	10.12	61.5	13.08	75.4	16.65	81.2	18.41	87.6	20.08	93.1	21.72	97.5	22.91
	33	48.7	11.61	61.5	15.06	75.4	18.47	81.2	20.01	87.6	21.75	93.1	23.25	97.5	24.44
	35	48.7	13.24	61.5	16.24	75.4	19.73	81.2	21.34	87.6	23.25	93.1	24.96	97.5	26.23
	37	48.7	14.24	61.5	17.45	75.4	21.27	81.2	22.95	87.6	24.95	93.1	26.61	97.5	28.16
	39	48.7	15.22	61.5	18.67	75.4	22.75	81.2	24.52	87.6	26.60	93.1	28.58	97.5	30.12
	41	48.7	16.33	61.5	20.02	75.4	24.29	81.2	26.38	87.6	28.57	93.1	30.72	97.5	32.26
	43	48.7	17.59	61.5	21.47	75.4	26.08	81.2	28.25	87.6	30.56	93.1	32.87	97.5	34.65
	46	48.7	19.41	61.5	23.91	75.4	29.07	81.2	31.40	87.6	34.11	93.1	36.43	94.5	36.97
	48	48.7	21.01	61.5	25.53	75.4	31.16	77.4	32.07	79.4	32.89	79.6	32.99	79.6	32.99

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM600LTE5

Cooling Capacity (60HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	131.1	14.76	165.6	20.37	202.5	28.56	218.4	32.91	235.5	38.10	250.8	42.96	262.5	47.01
	12	131.1	15.09	165.6	20.94	202.5	30.57	218.4	35.34	235.5	40.77	250.8	46.11	262.5	50.34
	14	131.1	15.39	165.6	22.92	202.5	33.03	218.4	38.07	235.5	44.01	250.8	49.41	262.5	54.18
	16	131.1	16.59	165.6	24.87	202.5	36.03	218.4	41.34	235.5	47.70	250.8	53.46	262.5	58.41
	18	131.1	18.21	165.6	27.27	202.5	39.12	218.4	45.06	235.5	51.78	250.8	57.39	262.5	62.16
	20	131.1	20.22	165.6	29.94	202.5	42.93	218.4	48.78	235.5	55.02	250.8	61.23	262.5	66.24
	21	131.1	21.24	165.6	31.29	202.5	44.43	218.4	50.34	235.5	56.73	250.8	63.09	262.5	68.58
	23	131.1	23.43	165.6	34.77	202.5	47.67	218.4	53.61	235.5	60.66	250.8	67.71	262.5	73.56
	25	131.1	26.16	165.6	37.50	202.5	50.85	218.4	57.42	235.5	65.19	250.8	72.75	262.5	79.38
	27	131.1	29.07	165.6	40.20	202.5	54.54	218.4	61.80	235.5	70.11	250.8	78.93	262.5	86.13
	29	131.1	31.14	165.6	43.05	202.5	58.50	218.4	66.54	235.5	75.84	250.8	85.77	260.4	92.49
	31	131.1	33.33	165.6	46.08	202.5	63.09	218.4	71.73	235.5	82.50	250.8	93.75	253.8	95.97
	33	131.1	35.61	165.6	49.29	202.5	68.04	218.4	78.09	231.3	87.12	231.3	87.12	231.3	87.12
	35	131.1	38.28	165.6	53.01	202.5	73.80	208.5	78.03	208.5	78.03	208.5	78.03	208.5	78.03
	37	131.1	41.07	165.6	57.30	186.3	69.39	186.3	69.39	186.3	69.39	186.3	69.39	186.3	69.39
	39	131.1	44.01	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53
	41	131.1	47.46	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06
	43	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34
	46	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91
120	10	120.9	13.44	152.7	18.21	186.9	24.48	201.6	28.29	217.5	32.61	231.3	36.87	242.4	40.32
	12	120.9	13.71	152.7	18.57	186.9	26.34	201.6	30.51	217.5	35.04	231.3	39.45	242.4	43.08
	14	120.9	14.01	152.7	19.74	186.9	28.59	201.6	32.76	217.5	37.74	231.3	42.63	242.4	46.47
	16	120.9	14.52	152.7	21.54	186.9	31.08	201.6	35.70	217.5	41.01	231.3	45.96	242.4	50.31
	18	120.9	15.99	152.7	23.70	186.9	33.87	201.6	38.79	217.5	44.46	231.3	50.01	242.4	54.21
	20	120.9	17.64	152.7	26.10	186.9	37.02	201.6	42.57	217.5	48.18	231.3	53.58	242.4	57.57
	21	120.9	18.54	152.7	27.33	186.9	38.88	201.6	44.10	217.5	49.71	231.3	55.26	242.4	59.64
	23	120.9	20.70	152.7	30.24	186.9	42.12	201.6	47.34	217.5	53.25	231.3	59.07	242.4	63.72
	25	120.9	22.98	152.7	33.39	186.9	44.79	201.6	50.52	217.5	57.00	231.3	63.21	242.4	68.49
	27	120.9	25.83	152.7	35.67	186.9	48.12	201.6	54.18	217.5	61.08	231.3	67.98	242.4	73.98
	29	120.9	27.90	152.7	38.28	186.9	51.42	201.6	58.11	217.5	65.79	231.3	73.56	242.4	80.04
	31	120.9	29.91	152.7	41.07	186.9	55.50	201.6	62.67	217.5	71.22	231.3	80.01	242.4	87.45
	33	120.9	32.04	152.7	44.01	186.9	59.61	201.6	67.59	217.5	77.19	231.3	87.12	231.3	87.12
	35	120.9	34.50	152.7	47.10	186.9	64.35	201.6	73.29	208.5	78.03	208.5	78.03	208.5	78.03
	37	120.9	36.84	152.7	50.70	186.3	69.39	186.3	69.39	186.3	69.39	186.3	69.39	186.3	69.39
	39	120.9	39.57	152.7	54.87	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53
	41	120.9	42.45	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06
	43	120.9	45.81	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34
	46	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91
110	10	111.0	12.18	140.1	16.20	171.3	21.30	184.8	23.88	199.2	27.51	212.1	31.14	222.0	34.08
	12	111.0	12.30	140.1	16.53	171.3	22.41	184.8	25.80	199.2	29.70	212.1	33.51	222.0	36.57
	14	111.0	12.57	140.1	16.98	171.3	24.27	184.8	28.02	199.2	32.13	212.1	36.12	222.0	39.33
	16	111.0	12.87	140.1	18.60	171.3	26.52	184.8	30.48	199.2	34.80	212.1	39.03	222.0	42.69
	18	111.0	13.92	140.1	20.37	171.3	29.01	184.8	33.24	199.2	37.86	212.1	42.60	222.0	46.26
	20	111.0	15.39	140.1	22.56	171.3	31.80	184.8	36.33	199.2	41.55	212.1	46.47	222.0	49.86
	21	111.0	16.20	140.1	23.64	171.3	33.21	184.8	38.16	199.2	43.44	212.1	47.97	222.0	51.72
	23	111.0	18.00	140.1	26.25	171.3	36.84	184.8	41.22	199.2	46.35	212.1	51.15	222.0	55.05
	25	111.0	20.22	140.1	29.01	171.3	39.33	184.8	44.10	199.2	49.50	212.1	54.78	222.0	58.95
	27	111.0	22.59	140.1	31.62	171.3	42.15	184.8	47.13	199.2	53.10	212.1	58.71	222.0	63.42
	29	111.0	25.02	140.1	34.02	171.3	45.12	184.8	50.64	199.2	56.97	212.1	63.24	222.0	68.31
	31	111.0	26.91	140.1	36.36	171.3	48.54	184.8	54.39	199.2	61.44	212.1	68.16	222.0	73.95
	33	111.0	28.89	140.1	39.03	171.3	52.17	184.8	58.41	199.2	66.27	212.1	73.89	222.0	80.52
	35	111.0	30.93	140.1	41.88	171.3	56.07	184.8	63.09	199.2	71.88	208.5	78.03	208.5	78.03
	37	111.0	33.12	140.1	44.88	171.3	60.57	184.8	68.46	186.3	69.39	186.3	69.39	186.3	69.39
	39	111.0	35.40	140.1	48.33	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53
	41	111.0	38.04	140.1	52.02	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06
	43	111.0	40.83	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34
	46	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91

7. Capacity Tables

Cooling Capacity (60HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	100.8	10.98	127.5	14.31	155.7	18.57	168.0	20.73	181.2	23.25	192.9	25.86	201.9	28.32
	12	100.8	11.10	127.5	14.61	155.7	19.08	168.0	21.66	181.2	24.75	192.9	27.99	201.9	30.54
	14	100.8	11.37	127.5	14.91	155.7	20.46	168.0	23.46	181.2	26.94	192.9	30.30	201.9	33.00
	16	100.8	11.49	127.5	15.90	155.7	22.29	168.0	25.65	181.2	29.34	192.9	32.91	201.9	35.73
	18	100.8	12.18	127.5	17.49	155.7	24.51	168.0	27.87	181.2	32.01	192.9	35.79	201.9	38.82
	20	100.8	13.35	127.5	19.26	155.7	26.97	168.0	30.60	181.2	35.01	192.9	39.09	201.9	42.60
	21	100.8	14.07	127.5	20.22	155.7	28.23	168.0	32.22	181.2	36.78	192.9	41.04	201.9	44.37
	23	100.8	15.63	127.5	22.35	155.7	31.20	168.0	35.52	181.2	39.99	192.9	44.07	201.9	47.37
	25	100.8	17.46	127.5	24.99	155.7	34.26	168.0	38.37	181.2	42.78	192.9	47.07	201.9	50.52
	27	100.8	19.56	127.5	27.99	155.7	36.81	168.0	40.89	181.2	45.78	192.9	50.55	201.9	54.21
	29	100.8	22.02	127.5	29.82	155.7	39.24	168.0	43.77	181.2	49.20	192.9	53.97	201.9	58.14
	31	100.8	24.03	127.5	31.92	155.7	42.09	168.0	47.13	181.2	52.56	192.9	58.23	201.9	62.70
	33	100.8	25.65	127.5	34.38	155.7	45.33	168.0	50.40	181.2	56.79	192.9	62.82	201.9	67.62
	35	100.8	27.57	127.5	36.72	155.7	48.54	168.0	54.18	181.2	61.32	192.9	67.83	201.9	73.71
	37	100.8	29.58	127.5	39.42	155.7	52.20	168.0	58.56	181.2	66.21	186.3	69.39	186.3	69.39
	39	100.8	31.68	127.5	42.30	155.7	56.46	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53
	41	100.8	33.87	127.5	45.63	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06
	43	100.8	36.45	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34
	46	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91
90	10	90.9	9.87	114.6	12.57	140.1	16.20	151.2	17.85	162.9	19.83	173.4	21.69	181.8	23.25
	12	90.9	9.99	114.6	12.87	140.1	16.53	151.2	18.21	162.9	20.37	173.4	22.92	181.8	24.99
	14	90.9	10.11	114.6	12.99	140.1	17.01	151.2	19.47	162.9	22.20	173.4	24.81	181.8	27.18
	16	90.9	10.35	114.6	13.29	140.1	18.60	151.2	21.24	162.9	24.30	173.4	27.06	181.8	29.37
	18	90.9	10.47	114.6	14.70	140.1	20.37	151.2	23.19	162.9	26.46	173.4	29.61	181.8	32.07
	20	90.9	11.61	114.6	16.26	140.1	22.56	151.2	25.59	162.9	29.07	173.4	32.46	181.8	35.31
	21	90.9	12.09	114.6	17.10	140.1	23.64	151.2	26.79	162.9	30.63	173.4	34.11	181.8	36.87
	23	90.9	13.47	114.6	18.96	140.1	26.25	151.2	29.64	162.9	33.78	173.4	37.53	181.8	40.26
	25	90.9	15.09	114.6	21.09	140.1	29.22	151.2	32.82	162.9	36.60	173.4	40.23	181.8	43.08
	27	90.9	16.77	114.6	23.73	140.1	31.83	151.2	35.31	162.9	39.27	173.4	43.08	181.8	46.08
	29	90.9	18.96	114.6	26.07	140.1	34.05	151.2	37.68	162.9	42.09	173.4	46.08	181.8	49.26
	31	90.9	21.33	114.6	27.99	140.1	36.36	151.2	40.44	162.9	45.06	173.4	49.29	181.8	52.92
	33	90.9	22.80	114.6	30.00	140.1	39.03	151.2	43.32	162.9	48.21	173.4	52.98	181.8	56.85
	35	90.9	24.36	114.6	32.13	140.1	41.88	151.2	46.41	162.9	51.87	173.4	57.24	181.8	61.38
	37	90.9	26.22	114.6	34.38	140.1	44.88	151.2	49.95	162.9	56.07	173.4	61.83	181.8	66.63
	39	90.9	28.14	114.6	36.96	140.1	48.36	151.2	53.76	162.9	60.27	165.0	61.53	165.0	61.53
	41	90.9	29.94	114.6	39.69	140.1	52.05	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06
	43	90.9	32.31	114.6	42.57	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34
	46	90.9	35.85	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91
80	10	80.7	8.85	102.0	11.10	124.5	13.86	134.4	15.24	144.9	16.86	154.2	18.39	161.4	19.62
	12	80.7	8.97	102.0	11.25	124.5	14.16	134.4	15.54	144.9	17.19	154.2	18.75	161.4	20.01
	14	80.7	9.06	102.0	11.49	124.5	14.46	134.4	15.87	144.9	17.91	154.2	20.19	161.4	21.90
	16	80.7	9.18	102.0	11.64	124.5	15.30	134.4	17.25	144.9	19.77	154.2	21.99	161.4	23.82
	18	80.7	9.42	102.0	12.36	124.5	16.83	134.4	19.11	144.9	21.60	154.2	24.00	161.4	26.13
	20	80.7	9.93	102.0	13.53	124.5	18.54	134.4	21.00	144.9	23.88	154.2	26.43	161.4	28.74
	21	80.7	10.35	102.0	14.25	124.5	19.50	134.4	22.05	144.9	25.02	154.2	27.87	161.4	30.03
	23	80.7	11.52	102.0	15.87	124.5	21.57	134.4	24.51	144.9	27.75	154.2	30.60	161.4	33.15
	25	80.7	12.75	102.0	17.70	124.5	24.12	134.4	27.12	144.9	30.84	154.2	33.93	161.4	36.27
	27	80.7	14.37	102.0	19.86	124.5	27.06	134.4	29.94	144.9	33.27	154.2	36.21	161.4	38.67
	29	80.7	16.29	102.0	22.32	124.5	28.98	134.4	32.04	144.9	35.55	154.2	38.88	161.4	41.46
	31	80.7	18.36	102.0	24.30	124.5	31.05	134.4	34.50	144.9	38.19	154.2	41.43	161.4	44.40
	33	80.7	19.95	102.0	25.92	124.5	33.48	134.4	36.84	144.9	40.71	154.2	44.67	161.4	47.52
	35	80.7	21.54	102.0	27.84	124.5	35.76	134.4	39.57	144.9	43.89	154.2	47.82	161.4	51.12
	37	80.7	23.04	102.0	29.88	124.5	38.43	134.4	42.42	144.9	47.01	154.2	51.45	161.4	55.29
	39	80.7	24.60	102.0	31.98	124.5	41.25	134.4	45.48	144.9	50.61	154.2	55.35	161.4	59.43
	41	80.7	26.46	102.0	34.47	124.5	44.22	134.4	48.99	144.3	54.06	144.3	54.06	144.3	54.06
	43	80.7	28.41	102.0	36.81	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34
	46	80.7	31.41	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91

7. Capacity Tables

Cooling Capacity (60HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	70.5	7.89	89.1	9.63	109.2	11.91	117.6	12.99	126.9	14.16	135.0	15.39	141.3	16.35
	12	70.5	8.01	89.1	9.75	109.2	12.18	117.6	13.29	126.9	14.46	135.0	15.72	141.3	16.68
	14	70.5	8.10	89.1	9.99	109.2	12.30	117.6	13.44	126.9	14.76	135.0	16.02	141.3	17.22
	16	70.5	8.22	89.1	10.11	109.2	12.57	117.6	13.92	126.9	15.72	135.0	17.46	141.3	18.84
	18	70.5	8.31	89.1	10.35	109.2	13.68	117.6	15.33	126.9	17.28	135.0	19.14	141.3	20.64
	20	70.5	8.49	89.1	11.28	109.2	14.97	117.6	16.92	126.9	19.05	135.0	21.06	141.3	22.83
	21	70.5	8.91	89.1	11.88	109.2	15.78	117.6	17.79	126.9	20.01	135.0	22.26	141.3	23.94
	23	70.5	9.78	89.1	13.08	109.2	17.52	117.6	19.71	126.9	22.29	135.0	24.57	141.3	26.55
	25	70.5	10.80	89.1	14.67	109.2	19.71	117.6	22.11	126.9	24.72	135.0	27.39	141.3	29.55
	27	70.5	12.03	89.1	16.47	109.2	22.02	117.6	24.66	126.9	27.72	135.0	30.18	141.3	32.13
	29	70.5	13.68	89.1	18.63	109.2	24.51	117.6	27.06	126.9	29.76	135.0	32.31	141.3	34.35
	31	70.5	15.48	89.1	20.88	109.2	26.37	117.6	28.83	126.9	31.89	135.0	34.53	141.3	36.69
	33	70.5	17.43	89.1	22.32	109.2	28.32	117.6	30.90	126.9	34.11	135.0	37.14	141.3	39.39
	35	70.5	18.69	89.1	23.85	109.2	30.36	117.6	33.30	126.9	36.66	135.0	39.60	141.3	42.24
	37	70.5	20.04	89.1	25.68	109.2	32.49	117.6	35.58	126.9	39.12	135.0	42.75	141.3	45.54
	39	70.5	21.45	89.1	27.60	109.2	34.74	117.6	38.25	126.9	41.97	135.0	45.81	141.3	48.75
	41	70.5	22.95	89.1	29.37	109.2	37.35	117.6	41.04	126.9	45.27	135.0	49.35	141.3	52.47
	43	70.5	24.75	89.1	31.71	109.2	40.11	117.6	44.01	124.5	47.34	124.5	47.34	124.5	47.34
	46	70.5	27.51	89.1	35.19	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	70.5	29.52	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91
60	10	60.6	7.02	76.5	8.43	93.6	10.11	100.8	10.98	108.6	11.91	115.8	12.72	121.2	13.44
	12	60.6	7.14	76.5	8.52	93.6	10.23	100.8	11.10	108.6	12.03	115.8	12.99	121.2	13.71
	14	60.6	7.23	76.5	8.64	93.6	10.47	100.8	11.37	108.6	12.30	115.8	13.14	121.2	14.01
	16	60.6	7.32	76.5	8.73	93.6	10.59	100.8	11.49	108.6	12.57	115.8	13.53	121.2	14.67
	18	60.6	7.41	76.5	8.97	93.6	10.98	100.8	12.18	108.6	13.53	115.8	14.91	121.2	15.99
	20	60.6	7.50	76.5	9.33	93.6	12.00	100.8	13.35	108.6	14.97	115.8	16.47	121.2	17.82
	21	60.6	7.59	76.5	9.69	93.6	12.66	100.8	14.04	108.6	15.75	115.8	17.34	121.2	18.72
	23	60.6	8.22	76.5	10.77	93.6	14.10	100.8	15.63	108.6	17.49	115.8	19.20	121.2	20.73
	25	60.6	9.06	76.5	11.94	93.6	15.60	100.8	17.46	108.6	19.50	115.8	21.57	121.2	23.01
	27	60.6	10.08	76.5	13.29	93.6	17.52	100.8	19.56	108.6	21.78	115.8	24.06	121.2	25.83
	29	60.6	11.31	76.5	15.09	93.6	19.77	100.8	22.02	108.6	24.51	115.8	26.55	121.2	28.11
	31	60.6	12.99	76.5	17.22	93.6	22.05	100.8	24.03	108.6	26.13	115.8	28.26	121.2	29.94
	33	60.6	14.85	76.5	18.99	93.6	23.58	100.8	25.65	108.6	28.08	115.8	30.30	121.2	32.28
	35	60.6	16.23	76.5	20.34	93.6	25.17	100.8	27.57	108.6	30.09	115.8	32.46	121.2	34.53
	37	60.6	17.25	76.5	21.75	93.6	27.06	100.8	29.58	108.6	32.22	115.8	34.95	121.2	36.87
	39	60.6	18.51	76.5	23.28	93.6	29.04	100.8	31.68	108.6	34.71	115.8	37.29	121.2	39.60
	41	60.6	19.86	76.5	25.08	93.6	31.11	100.8	33.87	108.6	37.08	115.8	40.05	121.2	42.48
	43	60.6	21.30	76.5	26.73	93.6	33.27	100.8	36.45	108.6	39.81	115.8	43.26	121.2	45.81
	46	60.6	23.79	76.5	29.85	93.6	37.14	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	60.6	25.44	76.5	31.98	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91
50	10	50.4	6.33	63.6	7.32	78.0	8.52	84.0	9.18	90.6	9.75	96.3	10.47	100.8	10.98
	12	50.4	6.33	63.6	7.41	78.0	8.64	84.0	9.30	90.6	9.99	96.3	10.59	100.8	11.10
	14	50.4	6.42	63.6	7.50	78.0	8.85	84.0	9.42	90.6	10.11	96.3	10.74	100.8	11.37
	16	50.4	6.51	63.6	7.59	78.0	8.97	84.0	9.51	90.6	10.35	96.3	10.98	100.8	11.49
	18	50.4	6.51	63.6	7.71	78.0	9.06	84.0	9.75	90.6	10.47	96.3	11.46	100.8	12.18
	20	50.4	6.60	63.6	7.80	78.0	9.48	84.0	10.44	90.6	11.46	96.3	12.54	100.8	13.50
	21	50.4	6.66	63.6	7.95	78.0	9.99	84.0	10.98	90.6	12.09	96.3	13.23	100.8	14.07
	23	50.4	6.93	63.6	8.67	78.0	10.98	84.0	12.09	90.6	13.47	96.3	14.73	100.8	15.66
	25	50.4	7.53	63.6	9.57	78.0	12.30	84.0	13.56	90.6	14.91	96.3	16.29	100.8	17.46
	27	50.4	8.34	63.6	10.65	78.0	13.71	84.0	15.09	90.6	16.77	96.3	18.30	100.8	19.59
	29	50.4	9.33	63.6	12.12	78.0	15.54	84.0	17.10	90.6	18.93	96.3	20.79	100.8	22.05
	31	50.4	10.59	63.6	13.71	78.0	17.55	84.0	19.44	90.6	21.15	96.3	22.80	100.8	24.06
	33	50.4	12.15	63.6	15.84	78.0	19.23	84.0	20.88	90.6	22.80	96.3	24.36	100.8	25.65
	35	50.4	13.74	63.6	16.89	78.0	20.61	84.0	22.32	90.6	24.36	96.3	26.19	100.8	27.57
	37	50.4	14.79	63.6	18.15	78.0	22.26	84.0	24.06	90.6	26.19	96.3	27.90	100.8	29.58
	39	50.4	15.75	63.6	19.47	78.0	23.79	84.0	25.68	90.6	27.90	96.3	29.94	100.8	31.68
	41	50.4	16.95	63.6	20.85	78.0	25.38	84.0	27.60	90.6	29.94	96.3	32.31	100.8	33.90
	43	50.4	18.24	63.6	22.35	78.0	27.30	84.0	29.61	90.6	32.07	96.3	34.53	100.8	36.45
	46	50.4	20.10	63.6	24.93	78.0	30.45	84.0	32.94	90.6	35.82	96.3	38.22	96.3	38.22
	48	50.4	21.81	63.6	26.58	78.0	32.61	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM620LTE5

Cooling Capacity (62HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	135.4	15.44	171.1	21.12	209.3	29.81	225.7	34.20	243.3	39.60	259.0	44.67	271.2	48.78
	12	135.4	15.76	171.1	22.20	209.3	31.90	225.7	36.77	243.3	42.43	259.0	47.87	271.2	52.34
	14	135.4	16.29	171.1	23.83	209.3	34.43	225.7	39.68	243.3	45.87	259.0	51.65	271.2	56.32
	16	135.4	17.41	171.1	26.00	209.3	37.53	225.7	43.14	243.3	49.65	259.0	55.35	271.2	60.38
	18	135.4	19.15	171.1	28.46	209.3	40.88	225.7	46.72	243.3	53.40	259.0	59.60	271.2	64.66
	20	135.4	21.12	171.1	31.21	209.3	44.42	225.7	50.52	243.3	57.33	259.0	63.86	271.2	69.29
	21	135.4	22.24	171.1	32.83	209.3	46.11	225.7	52.27	243.3	59.25	259.0	66.10	271.2	71.70
	23	135.4	24.55	171.1	36.00	209.3	49.63	225.7	55.99	243.3	63.56	259.0	70.99	271.2	77.21
	25	135.4	27.39	171.1	39.01	209.3	53.22	225.7	60.05	243.3	68.35	259.0	76.56	269.4	82.33
	27	135.4	29.99	171.1	41.90	209.3	56.97	225.7	64.68	243.3	73.80	259.0	83.16	266.6	87.39
	29	135.4	32.49	171.1	44.84	209.3	61.28	225.7	69.77	243.3	80.03	255.8	87.84	262.5	92.06
	31	135.4	34.71	171.1	48.14	209.3	66.10	225.7	75.48	237.7	82.59	247.4	88.79	251.9	91.67
	33	135.4	37.23	171.1	51.65	208.5	70.99	218.5	76.70	227.9	82.43	232.5	85.20	236.0	87.65
	35	135.4	39.94	171.1	55.63	200.5	71.31	207.2	75.36	212.3	78.42	214.0	79.54	214.0	79.54
	37	135.4	42.91	169.3	59.06	187.3	68.60	191.2	70.97	191.2	70.97	191.2	70.97	191.2	70.97
	39	135.4	46.15	161.7	58.99	169.3	63.03	169.3	63.03	169.3	63.03	169.3	63.03	169.3	63.03
	41	132.8	48.14	147.6	55.23	148.1	55.50	148.1	55.50	148.1	55.50	148.1	55.50	148.1	55.50
	43	123.8	46.88	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82
	46	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50
	48	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96
120	10	125.0	14.04	158.0	18.86	193.2	25.83	208.3	29.60	224.7	33.90	239.1	38.19	250.5	41.86
	12	125.0	14.29	158.0	19.57	193.2	27.49	208.3	31.67	224.7	36.44	239.1	41.05	250.5	44.82
	14	125.0	14.60	158.0	20.76	193.2	29.81	208.3	34.21	224.7	39.33	239.1	44.39	250.5	48.49
	16	125.0	15.44	158.0	22.62	193.2	32.36	208.3	37.19	224.7	42.79	239.1	47.97	250.5	52.20
	18	125.0	16.81	158.0	24.82	193.2	35.33	208.3	40.52	224.7	46.28	239.1	51.77	250.5	56.10
	20	125.0	18.58	158.0	27.29	193.2	38.70	208.3	44.08	224.7	49.94	239.1	55.73	250.5	60.14
	21	125.0	19.51	158.0	28.58	193.2	40.32	208.3	45.75	224.7	51.80	239.1	57.63	250.5	62.27
	23	125.0	21.65	158.0	31.64	193.2	43.63	208.3	49.26	224.7	55.58	239.1	61.74	250.5	66.78
	25	125.0	24.14	158.0	34.55	193.2	46.90	208.3	52.73	224.7	59.64	239.1	66.32	250.5	71.90
	27	125.0	26.83	158.0	37.32	193.2	50.28	208.3	56.57	224.7	64.00	239.1	71.38	250.5	77.75
	29	125.0	29.18	158.0	40.02	193.2	53.88	208.3	60.86	224.7	69.20	239.1	77.52	250.5	84.49
	31	125.0	31.33	158.0	42.88	193.2	58.03	208.3	65.66	224.7	74.96	235.1	81.08	242.1	85.25
	33	125.0	33.58	158.0	45.99	193.2	62.55	207.9	70.71	217.9	76.15	226.7	81.71	230.0	83.64
	35	125.0	36.01	158.0	49.40	190.6	65.94	199.9	71.01	206.9	75.21	211.1	77.63	214.0	79.54
	37	125.0	38.58	158.0	53.24	182.6	66.12	187.0	68.46	191.2	70.97	191.2	70.97	191.2	70.97
	39	125.0	41.48	153.8	54.95	168.1	62.32	169.3	63.03	169.3	63.03	169.3	63.03	169.3	63.03
	41	125.0	44.44	143.8	53.29	148.1	55.50	148.1	55.50	148.1	55.50	148.1	55.50	148.1	55.50
	43	119.6	45.00	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82
	46	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50
	48	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96
110	10	114.7	12.71	144.7	16.83	177.1	22.31	191.0	25.28	206.0	28.87	219.1	32.46	229.4	35.36
	12	114.7	12.90	144.7	17.16	177.1	23.60	191.0	26.87	206.0	30.89	219.1	34.83	229.4	37.99
	14	114.7	13.19	144.7	18.01	177.1	25.33	191.0	29.11	206.0	33.54	219.1	37.60	229.4	41.03
	16	114.7	13.67	144.7	19.52	177.1	27.66	191.0	31.73	206.0	36.32	219.1	40.83	229.4	44.59
	18	114.7	14.75	144.7	21.36	177.1	30.31	191.0	34.64	206.0	39.68	219.1	44.41	229.4	48.08
	20	114.7	16.20	144.7	23.58	177.1	33.28	191.0	38.01	206.0	43.12	219.1	47.97	229.4	51.82
	21	114.7	17.04	144.7	24.71	177.1	34.91	191.0	39.59	206.0	44.93	219.1	49.76	229.4	53.78
	23	114.7	18.90	144.7	27.41	177.1	38.04	191.0	42.83	206.0	48.42	219.1	53.44	229.4	57.63
	25	114.7	21.18	144.7	30.18	177.1	41.06	191.0	46.00	206.0	51.77	219.1	57.22	229.4	61.82
	27	114.7	23.64	144.7	32.98	177.1	44.06	191.0	49.31	206.0	55.52	219.1	61.43	229.4	66.54
	29	114.7	25.96	144.7	35.41	177.1	47.13	191.0	52.94	206.0	59.65	219.1	66.20	229.4	71.79
	31	114.7	28.13	144.7	37.93	177.1	50.77	191.0	56.95	206.0	64.44	219.1	71.62	229.2	77.72
	33	114.7	30.13	144.7	40.69	177.1	54.54	191.0	61.39	206.0	69.52	214.5	74.35	220.8	78.07
	35	114.7	32.28	144.7	43.79	177.1	58.82	189.2	65.26	198.4	70.25	205.3	74.24	208.3	75.96
	37	114.7	34.60	144.7	46.97	172.9	60.89	181.4	65.53	186.3	68.04	190.1	70.34	191.2	70.97
	39	114.7	37.10	144.7	50.54	163.4	59.77	167.4	61.91	169.3	63.03	169.3	63.03	169.3	63.03
	41	114.7	39.80	138.5	50.81	148.1	55.50	148.1	55.50	148.1	55.50	148.1	55.50	148.1	55.50
	43	113.3	42.05	126.5	48.09	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82
	46	98.4	39.38	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50
	48	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96

7. Capacity Tables

Cooling Capacity (62HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	104.3	11.51	131.7	14.91	161.0	19.31	173.6	21.63	187.1	24.47	199.3	27.26	208.7	29.61
	12	104.3	11.69	131.7	15.22	161.0	20.14	173.6	22.76	187.1	25.99	199.3	29.17	208.7	31.71
	14	104.3	11.92	131.7	15.65	161.0	21.41	173.6	24.53	187.1	28.14	199.3	31.55	208.7	34.29
	16	104.3	12.10	131.7	16.73	161.0	23.35	173.6	26.76	187.1	30.58	199.3	34.27	208.7	37.30
	18	104.3	12.89	131.7	18.33	161.0	25.60	173.6	29.17	187.1	33.40	199.3	37.39	208.7	40.65
	20	104.3	14.09	131.7	20.15	161.0	28.20	173.6	32.07	187.1	36.67	199.3	40.76	208.7	44.10
	21	104.3	14.78	131.7	21.17	161.0	29.53	173.6	33.73	187.1	38.32	199.3	42.54	208.7	45.87
	23	104.3	16.41	131.7	23.40	161.0	32.61	173.6	36.89	187.1	41.54	199.3	45.87	208.7	49.40
	25	104.3	18.32	131.7	26.20	161.0	35.52	173.6	39.81	187.1	44.67	199.3	49.18	208.7	52.88
	27	104.3	20.53	131.7	28.87	161.0	38.38	173.6	42.80	187.1	47.86	199.3	52.78	208.7	56.69
	29	104.3	22.91	131.7	31.16	161.0	41.04	173.6	45.79	187.1	51.40	199.3	56.62	208.7	61.02
	31	104.3	25.07	131.7	33.47	161.0	44.06	173.6	49.15	187.1	55.10	199.3	60.99	208.7	65.82
	33	104.3	26.85	131.7	35.81	161.0	47.32	173.6	52.86	187.1	59.50	199.3	65.81	208.1	70.73
	35	104.3	28.79	131.7	38.37	161.0	50.82	173.6	56.88	186.9	64.08	194.3	67.88	200.1	71.26
	37	104.3	30.90	131.7	41.33	161.0	54.75	170.8	59.84	179.1	64.16	184.3	67.05	187.1	68.58
	39	104.3	33.14	131.7	44.29	155.6	55.84	162.4	59.26	166.3	61.35	169.3	63.03	169.3	63.03
	41	104.3	35.44	130.5	47.00	144.6	53.68	148.1	55.50	148.1	55.50	148.1	55.50	148.1	55.50
	43	104.3	38.09	122.7	46.31	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82
	46	95.4	38.06	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50
	48	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96
90	10	93.9	10.36	118.4	13.19	144.8	16.83	156.2	18.58	168.4	20.63	179.3	22.76	187.7	24.61
	12	93.9	10.52	118.4	13.45	144.8	17.16	156.2	19.16	168.4	21.60	179.3	24.09	187.7	26.07
	14	93.9	10.66	118.4	13.68	144.8	18.02	156.2	20.45	168.4	23.20	179.3	25.96	187.7	28.23
	16	93.9	10.91	118.4	14.26	144.8	19.53	156.2	22.19	168.4	25.35	179.3	28.34	187.7	30.69
	18	93.9	11.23	118.4	15.53	144.8	21.38	156.2	24.29	168.4	27.73	179.3	30.94	187.7	33.56
	20	93.9	12.22	118.4	17.07	144.8	23.59	156.2	26.78	168.4	30.44	179.3	33.97	187.7	36.88
	21	93.9	12.81	118.4	17.92	144.8	24.73	156.2	28.06	168.4	31.95	179.3	35.64	187.7	38.38
	23	93.9	14.19	118.4	19.87	144.8	27.42	156.2	31.13	168.4	35.10	179.3	38.83	187.7	41.66
	25	93.9	15.80	118.4	22.18	144.8	30.35	156.2	34.00	168.4	38.10	179.3	41.94	187.7	44.92
	27	93.9	17.68	118.4	24.77	144.8	33.06	156.2	36.79	168.4	40.99	179.3	44.87	187.7	48.09
	29	93.9	20.00	118.4	27.12	144.8	35.57	156.2	39.38	168.4	43.89	179.3	48.08	187.7	51.47
	31	93.9	22.08	118.4	29.21	144.8	37.95	156.2	42.20	168.4	47.04	179.3	51.56	187.7	55.37
	33	93.9	23.83	118.4	31.42	144.8	40.87	156.2	45.36	168.4	50.50	179.3	55.52	187.7	59.67
	35	93.9	25.45	118.4	33.57	144.8	43.79	156.2	48.64	168.4	54.39	179.3	59.98	187.3	64.22
	37	93.9	27.34	118.4	36.02	144.8	46.97	156.2	52.31	167.6	58.30	174.3	61.67	179.5	64.41
	39	93.9	29.36	118.4	38.67	144.8	50.57	152.8	54.35	160.2	58.19	164.1	60.15	166.5	61.37
	41	93.9	31.44	118.4	41.48	138.6	50.82	143.3	53.05	146.8	54.83	148.1	55.50	148.1	55.50
	43	93.9	33.77	115.6	43.15	126.6	48.09	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82
	46	90.5	36.03	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50
	48	80.3	33.86	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96
80	10	83.3	9.32	105.4	11.65	128.7	14.55	138.9	15.94	149.8	17.57	159.3	19.13	166.9	20.37
	12	83.3	9.44	105.4	11.84	128.7	14.81	138.9	16.21	149.8	18.00	159.3	19.80	166.9	21.31
	14	83.3	9.60	105.4	12.00	128.7	15.23	138.9	16.93	149.8	18.98	159.3	21.15	166.9	22.82
	16	83.3	9.72	105.4	12.29	128.7	16.18	138.9	18.18	149.8	20.69	159.3	22.97	166.9	24.90
	18	83.3	9.93	105.4	13.07	128.7	17.64	138.9	19.98	149.8	22.60	159.3	25.13	166.9	27.25
	20	83.3	10.55	105.4	14.37	128.7	19.41	138.9	22.00	149.8	24.91	159.3	27.63	166.9	29.99
	21	83.3	10.97	105.4	14.98	128.7	20.48	138.9	23.10	149.8	26.19	159.3	29.09	166.9	31.49
	23	83.3	12.13	105.4	16.71	128.7	22.63	138.9	25.64	149.8	29.02	159.3	32.08	166.9	34.54
	25	83.3	13.44	105.4	18.57	128.7	25.28	138.9	28.40	149.8	31.93	159.3	35.13	166.9	37.56
	27	83.3	15.06	105.4	20.83	128.7	27.97	138.9	31.04	149.8	34.59	159.3	37.74	166.9	40.35
	29	83.3	17.01	105.4	23.28	128.7	30.34	138.9	33.54	149.8	37.11	159.3	40.48	166.9	43.22
	31	83.3	19.15	105.4	25.36	128.7	32.46	138.9	35.95	149.8	39.81	159.3	43.37	166.9	46.43
	33	83.3	20.93	105.4	27.14	128.7	34.93	138.9	38.52	149.8	42.66	159.3	46.71	166.9	49.76
	35	83.3	22.46	105.4	29.09	128.7	37.43	138.9	41.41	149.8	45.83	159.3	50.14	166.9	53.61
	37	83.3	24.10	105.4	31.21	128.7	40.17	138.9	44.36	149.8	49.28	159.3	53.94	166.7	57.82
	39	83.3	25.76	105.4	33.47	128.7	43.17	138.9	47.68	148.8	52.49	154.7	55.33	159.3	57.67
	41	83.3	27.65	105.4	36.00	128.7	46.20	134.9	49.01	141.4	52.09	144.2	53.43	146.4	54.57
	43	83.3	29.70	105.4	38.58	121.9	45.97	124.8	47.35	127.9	48.82	127.9	48.82	127.9	48.82
	46	83.3	32.99	95.7	38.17	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50
	48	77.3	32.63	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96

7. Capacity Tables

Cooling Capacity (62HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	72.9	8.40	92.0	10.19	112.7	12.52	121.5	13.58	131.1	14.86	139.5	16.05	146.1	16.99
	12	72.9	8.51	92.0	10.32	112.7	12.71	121.5	13.88	131.1	15.13	139.5	16.38	146.1	17.34
	14	72.9	8.58	92.0	10.52	112.7	12.90	121.5	14.10	131.1	15.58	139.5	17.03	146.1	18.32
	16	72.9	8.69	92.0	10.66	112.7	13.37	121.5	14.84	131.1	16.59	139.5	18.26	146.1	19.79
	18	72.9	8.79	92.0	11.07	112.7	14.40	121.5	16.12	131.1	18.12	139.5	20.08	146.1	21.64
	20	72.9	9.12	92.0	11.92	112.7	15.83	121.5	17.76	131.1	20.00	139.5	22.05	146.1	23.88
	21	72.9	9.45	92.0	12.50	112.7	16.59	121.5	18.65	131.1	21.01	139.5	23.28	146.1	25.11
	23	72.9	10.33	92.0	13.82	112.7	18.40	121.5	20.73	131.1	23.34	139.5	25.77	146.1	27.82
	25	72.9	11.43	92.0	15.40	112.7	20.64	121.5	23.11	131.1	25.93	139.5	28.67	146.1	30.68
	27	72.9	12.69	92.0	17.25	112.7	23.08	121.5	25.74	131.1	28.60	139.5	31.30	146.1	33.38
	29	72.9	14.34	92.0	19.52	112.7	25.48	121.5	28.15	131.1	31.11	139.5	33.73	146.1	35.90
	31	72.9	16.32	92.0	21.64	112.7	27.55	121.5	30.18	131.1	33.27	139.5	36.09	146.1	38.47
	33	72.9	18.23	92.0	23.38	112.7	29.53	121.5	32.34	131.1	35.69	139.5	38.75	146.1	41.23
	35	72.9	19.58	92.0	24.99	112.7	31.68	121.5	34.73	131.1	38.32	139.5	41.45	146.1	44.27
	37	72.9	21.00	92.0	26.84	112.7	33.95	121.5	37.23	131.1	41.00	139.5	44.68	146.1	47.61
	39	72.9	22.41	92.0	28.77	112.7	36.40	121.5	39.96	131.1	44.04	139.5	47.94	146.1	51.11
	41	72.9	24.08	92.0	30.83	112.7	39.09	121.5	43.02	130.1	46.86	135.3	49.23	139.3	51.09
	43	72.9	25.90	92.0	33.12	112.1	41.60	117.5	43.97	122.5	46.30	125.0	47.36	126.9	48.32
	46	72.9	28.80	89.4	35.61	97.8	39.15	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50
	48	71.7	30.34	79.8	33.66	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96
60	10	62.6	7.53	79.0	8.90	96.6	10.66	104.2	11.51	112.2	12.42	119.5	13.34	125.1	14.04
	12	62.6	7.63	79.0	9.03	96.6	10.77	104.2	11.65	112.2	12.66	119.5	13.58	125.1	14.33
	14	62.6	7.71	79.0	9.18	96.6	11.03	104.2	11.92	112.2	12.90	119.5	13.83	125.1	14.60
	16	62.6	7.78	79.0	9.28	96.6	11.21	104.2	12.10	112.2	13.33	119.5	14.47	125.1	15.49
	18	62.6	7.88	79.0	9.44	96.6	11.67	104.2	12.89	112.2	14.32	119.5	15.73	125.1	16.81
	20	62.6	7.98	79.0	9.89	96.6	12.70	104.2	14.09	112.2	15.76	119.5	17.30	125.1	18.64
	21	62.6	8.13	79.0	10.33	96.6	13.36	104.2	14.77	112.2	16.56	119.5	18.17	125.1	19.58
	23	62.6	8.75	79.0	11.39	96.6	14.79	104.2	16.41	112.2	18.37	119.5	20.12	125.1	21.67
	25	62.6	9.59	79.0	12.58	96.6	16.46	104.2	18.32	112.2	20.41	119.5	22.54	125.1	24.15
	27	62.6	10.61	79.0	14.03	96.6	18.41	104.2	20.53	112.2	22.94	119.5	25.15	125.1	26.83
	29	62.6	11.95	79.0	15.88	96.6	20.76	104.2	22.91	112.2	25.30	119.5	27.57	125.1	29.27
	31	62.6	13.59	79.0	18.00	96.6	22.88	104.2	25.07	112.2	27.38	119.5	29.58	125.1	31.34
	33	62.6	15.51	79.0	19.84	96.6	24.64	104.2	26.85	112.2	29.34	119.5	31.73	125.1	33.68
	35	62.6	16.95	79.0	21.25	96.6	26.38	104.2	28.79	112.2	31.49	119.5	34.01	125.1	36.03
	37	62.6	18.09	79.0	22.75	96.6	28.31	104.2	30.90	112.2	33.73	119.5	36.44	125.1	38.60
	39	62.6	19.35	79.0	24.42	96.6	30.31	104.2	33.14	112.2	36.27	119.5	39.04	125.1	41.49
	41	62.6	20.85	79.0	26.23	96.6	32.50	104.2	35.44	112.2	38.87	119.5	41.97	125.1	44.57
	43	62.6	22.28	79.0	28.09	96.6	34.90	104.2	38.09	111.8	41.49	116.3	43.49	119.7	45.01
	46	62.6	24.86	79.0	31.13	92.2	36.77	95.3	38.06	97.7	39.05	98.7	39.50	98.7	39.50
	48	62.6	26.67	75.4	31.83	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96
50	10	52.1	6.78	65.7	7.81	80.6	9.07	86.8	9.68	93.6	10.32	99.6	11.03	104.3	11.51
	12	52.1	6.78	65.7	7.88	80.6	9.18	86.8	9.83	93.6	10.52	99.6	11.17	104.3	11.69
	14	52.1	6.86	65.7	7.98	80.6	9.32	86.8	9.97	93.6	10.66	99.6	11.35	104.3	11.92
	16	52.1	6.93	65.7	8.08	80.6	9.44	86.8	10.07	93.6	10.87	99.6	11.51	104.3	12.14
	18	52.1	7.00	65.7	8.19	80.6	9.60	86.8	10.35	93.6	11.23	99.6	12.17	104.3	12.89
	20	52.1	7.09	65.7	8.34	80.6	10.10	86.8	11.04	93.6	12.17	99.6	13.26	104.3	14.20
	21	52.1	7.11	65.7	8.51	80.6	10.60	86.8	11.61	93.6	12.81	99.6	13.95	104.3	14.78
	23	52.1	7.47	65.7	9.22	80.6	11.60	86.8	12.78	93.6	14.11	99.6	15.45	104.3	16.48
	25	52.1	8.03	65.7	10.16	80.6	12.92	86.8	14.17	93.6	15.65	99.6	17.14	104.3	18.37
	27	52.1	8.84	65.7	11.27	80.6	14.36	86.8	15.89	93.6	17.60	99.6	19.24	104.3	20.55
	29	52.1	9.85	65.7	12.69	80.6	16.28	86.8	17.93	93.6	19.92	99.6	21.65	104.3	22.92
	31	52.1	11.11	65.7	14.43	80.6	18.36	86.8	20.15	93.6	22.01	99.6	23.80	104.3	25.09
	33	52.1	12.74	65.7	16.42	80.6	20.16	86.8	21.91	93.6	23.75	99.6	25.45	104.3	26.85
	35	52.1	14.40	65.7	17.67	80.6	21.62	86.8	23.38	93.6	25.45	99.6	27.33	104.3	28.80
	37	52.1	15.41	65.7	18.96	80.6	23.21	86.8	25.13	93.6	27.32	99.6	29.21	104.3	30.90
	39	52.1	16.55	65.7	20.38	80.6	24.90	86.8	26.92	93.6	29.20	99.6	31.44	104.3	33.14
	41	52.1	17.76	65.7	21.85	80.6	26.67	86.8	28.94	93.6	31.33	99.6	33.69	104.3	35.58
	43	52.1	19.11	65.7	23.40	80.6	28.62	86.8	30.98	93.6	33.61	99.6	36.14	104.3	38.20
	46	52.1	21.17	65.7	26.04	80.6	31.86	86.2	34.26	90.4	36.01	94.0	37.53	95.4	38.07
	48	52.1	22.80	65.7	27.91	76.4	32.23	78.3	33.04	80.3	33.86	80.5	33.96	80.5	33.96

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM640LTE5

Cooling Capacity (64HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	139.8	16.12	176.6	22.24	216.0	31.78	233.0	36.60	251.2	42.36	267.4	47.78	280.0	52.22
	12	139.8	16.46	176.6	23.40	216.0	34.06	233.0	39.28	251.2	45.32	267.4	51.22	280.0	56.04
	14	139.8	17.04	176.6	25.46	216.0	36.78	233.0	42.40	251.2	49.00	267.4	55.20	280.0	60.26
	16	139.8	18.46	176.6	27.66	216.0	40.10	233.0	46.10	251.2	53.08	267.4	59.24	280.0	64.64
	18	139.8	20.28	176.6	30.30	216.0	43.62	233.0	49.98	251.2	57.14	267.4	63.56	280.0	68.84
	20	139.8	22.40	176.6	33.26	216.0	47.46	233.0	53.86	251.2	60.86	267.4	67.86	280.0	73.70
	21	139.8	23.58	176.6	34.88	216.0	49.08	233.0	55.58	251.2	62.88	267.4	70.20	280.0	76.34
	23	139.8	26.00	176.6	38.38	216.0	52.56	233.0	59.34	251.2	67.40	267.4	75.54	280.0	82.26
	25	139.8	29.04	176.6	41.28	216.0	56.30	233.0	63.68	251.2	72.62	267.4	81.52	278.2	87.96
	27	139.8	31.80	176.6	44.24	216.0	60.40	233.0	68.72	251.2	78.46	267.4	88.72	275.4	93.70
	29	139.8	34.14	176.6	47.38	216.0	64.92	233.0	74.18	251.2	85.26	264.2	94.20	270.6	98.68
	31	139.8	36.52	176.6	50.82	216.0	70.18	233.0	80.32	245.6	88.48	255.8	95.98	257.8	97.46
	33	139.8	39.12	176.6	54.48	215.2	75.46	225.8	82.16	234.4	88.18	234.4	88.18	234.4	88.18
	35	139.8	42.02	176.6	58.72	207.2	76.36	211.2	79.18	211.2	79.18	211.2	79.18	211.2	79.18
	37	139.8	45.18	174.8	62.56	188.6	70.62	188.6	70.62	188.6	70.62	188.6	70.62	188.6	70.62
	39	139.8	48.54	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70
	41	137.2	50.78	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18
	43	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52
	46	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88
120	10	129.0	14.64	163.0	19.80	199.4	27.26	215.0	31.48	232.0	36.28	246.8	40.90	258.6	44.78
	12	129.0	14.94	163.0	20.52	199.4	29.36	215.0	33.90	232.0	38.94	246.8	43.88	258.6	47.88
	14	129.0	15.26	163.0	22.00	199.4	31.82	215.0	36.48	232.0	42.04	246.8	47.46	258.6	51.82
	16	129.0	16.18	163.0	24.02	199.4	34.56	215.0	39.74	232.0	45.74	246.8	51.24	258.6	55.84
	18	129.0	17.78	163.0	26.38	199.4	37.68	215.0	43.24	232.0	49.44	246.8	55.36	258.6	59.94
	20	129.0	19.64	163.0	29.02	199.4	41.22	215.0	47.10	232.0	53.20	246.8	59.26	258.6	63.80
	21	129.0	20.62	163.0	30.38	199.4	43.02	215.0	48.72	232.0	55.02	246.8	61.12	258.6	66.12
	23	129.0	22.92	163.0	33.60	199.4	46.36	215.0	52.18	232.0	58.92	246.8	65.50	258.6	70.94
	25	129.0	25.52	163.0	36.70	199.4	49.50	215.0	55.80	232.0	63.24	246.8	70.40	258.6	76.44
	27	129.0	28.42	163.0	39.28	199.4	53.18	215.0	59.98	232.0	67.92	246.8	75.92	258.6	82.82
	29	129.0	30.60	163.0	42.14	199.4	56.94	215.0	64.48	232.0	73.48	246.8	82.52	258.6	90.18
	31	129.0	32.80	163.0	45.20	199.4	61.46	215.0	69.72	232.0	79.76	242.8	86.82	250.2	91.78
	33	129.0	35.20	163.0	48.52	199.4	66.30	214.6	75.16	225.2	81.56	234.4	88.18	234.4	88.18
	35	129.0	37.80	163.0	52.06	196.8	70.06	206.6	76.02	211.2	79.18	211.2	79.18	211.2	79.18
	37	129.0	40.46	163.0	56.16	188.6	70.62	188.6	70.62	188.6	70.62	188.6	70.62	188.6	70.62
	39	129.0	43.54	158.8	58.26	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70
	41	129.0	46.70	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18
	43	123.6	47.50	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52
	46	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88
110	10	118.4	13.24	149.4	17.66	182.8	23.46	197.2	26.64	212.6	30.62	226.2	34.68	236.8	37.88
	12	118.4	13.42	149.4	18.00	182.8	25.00	197.2	28.68	212.6	33.02	226.2	37.26	236.8	40.62
	14	118.4	13.72	149.4	18.90	182.8	27.02	197.2	31.10	212.6	35.78	226.2	40.16	236.8	43.80
	16	118.4	14.26	149.4	20.72	182.8	29.46	197.2	33.90	212.6	38.76	226.2	43.54	236.8	47.62
	18	118.4	15.52	149.4	22.64	182.8	32.30	197.2	36.96	212.6	42.30	226.2	47.40	236.8	51.32
	20	118.4	17.10	149.4	25.04	182.8	35.42	197.2	40.50	212.6	46.02	226.2	51.22	236.8	55.16
	21	118.4	17.98	149.4	26.22	182.8	37.12	197.2	42.26	212.6	47.90	226.2	52.98	236.8	57.10
	23	118.4	19.94	149.4	29.12	182.8	40.52	197.2	45.48	212.6	51.22	226.2	56.60	236.8	61.04
	25	118.4	22.38	149.4	32.04	182.8	43.30	197.2	48.64	212.6	54.80	226.2	60.64	236.8	65.52
	27	118.4	25.02	149.4	34.76	182.8	46.48	197.2	52.08	212.6	58.80	226.2	65.14	236.8	70.66
	29	118.4	27.38	149.4	37.30	182.8	49.76	197.2	55.96	212.6	63.22	226.2	70.34	236.8	76.30
	31	118.4	29.44	149.4	39.92	182.8	53.64	197.2	60.24	212.6	68.34	226.2	76.16	236.6	82.78
	33	118.4	31.58	149.4	42.86	182.8	57.66	197.2	64.98	212.6	73.90	221.6	79.36	228.2	83.78
	35	118.4	33.80	149.4	46.08	182.8	62.24	195.4	69.22	205.0	75.08	211.2	79.18	211.2	79.18
	37	118.4	36.28	149.4	49.48	178.6	64.74	187.6	70.00	188.6	70.62	188.6	70.62	188.6	70.62
	39	118.4	38.86	149.4	53.28	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70
	41	118.4	41.74	143.2	53.82	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18
	43	117.0	44.18	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52
	46	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88

7. Capacity Tables

Cooling Capacity (64HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	107.6	11.96	136.0	15.58	166.2	20.26	179.2	22.76	193.2	25.80	205.8	28.84	215.4	31.50
	12	107.6	12.14	136.0	15.90	166.2	21.16	179.2	24.08	193.2	27.64	205.8	31.16	215.4	33.94
	14	107.6	12.38	136.0	16.38	166.2	22.78	179.2	26.12	193.2	30.02	205.8	33.70	215.4	36.64
	16	107.6	12.56	136.0	17.70	166.2	24.84	179.2	28.52	193.2	32.64	205.8	36.56	215.4	39.78
	18	107.6	13.54	136.0	19.42	166.2	27.26	179.2	31.04	193.2	35.60	205.8	39.90	215.4	43.38
	20	107.6	14.80	136.0	21.34	166.2	29.98	179.2	34.08	193.2	39.10	205.8	43.46	215.4	47.12
	21	107.6	15.58	136.0	22.46	166.2	31.38	179.2	35.90	193.2	40.84	205.8	45.36	215.4	48.92
	23	107.6	17.28	136.0	24.80	166.2	34.68	179.2	39.24	193.2	44.12	205.8	48.60	215.4	52.32
	25	107.6	19.34	136.0	27.74	166.2	37.66	179.2	42.14	193.2	47.18	205.8	52.02	215.4	55.94
	27	107.6	21.66	136.0	30.62	166.2	40.44	179.2	45.10	193.2	50.58	205.8	55.86	215.4	60.02
	29	107.6	24.16	136.0	32.70	166.2	43.20	179.2	48.28	193.2	54.36	205.8	59.88	215.4	64.64
	31	107.6	26.22	136.0	35.08	166.2	46.42	179.2	51.96	193.2	58.22	205.8	64.64	215.4	69.88
	33	107.6	28.06	136.0	37.66	166.2	49.98	179.2	55.82	193.2	63.02	205.8	69.90	214.8	75.18
	35	107.6	30.14	136.0	40.32	166.2	53.64	179.2	60.12	193.0	68.04	200.8	72.38	206.8	76.30
	37	107.6	32.32	136.0	43.38	166.2	57.82	176.4	63.40	185.2	68.50	188.6	70.62	188.6	70.62
	39	107.6	34.70	136.0	46.54	160.8	59.32	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70
	41	107.6	37.08	134.8	49.56	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18
	43	107.6	39.90	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52
	46	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88
90	10	97.0	10.74	122.2	13.72	149.4	17.66	161.2	19.50	173.8	21.68	185.0	23.92	193.8	25.88
	12	97.0	10.90	122.2	14.04	149.4	18.00	161.2	20.10	173.8	22.72	185.0	25.54	193.8	27.80
	14	97.0	11.04	122.2	14.22	149.4	18.92	161.2	21.70	173.8	24.74	185.0	27.68	193.8	30.18
	16	97.0	11.30	122.2	14.86	149.4	20.72	161.2	23.62	173.8	27.04	185.0	30.16	193.8	32.68
	18	97.0	11.62	122.2	16.38	149.4	22.66	161.2	25.82	173.8	29.48	185.0	32.96	193.8	35.76
	20	97.0	12.84	122.2	18.06	149.4	25.04	161.2	28.44	173.8	32.38	185.0	36.14	193.8	39.32
	21	97.0	13.42	122.2	18.96	149.4	26.24	161.2	29.78	173.8	34.04	185.0	37.96	193.8	40.92
	23	97.0	14.92	122.2	21.00	149.4	29.12	161.2	33.06	173.8	37.36	185.0	41.34	193.8	44.32
	25	97.0	16.66	122.2	23.42	149.4	32.28	161.2	36.08	173.8	40.30	185.0	44.28	193.8	47.52
	27	97.0	18.58	122.2	26.20	149.4	34.90	161.2	38.80	173.8	43.22	185.0	47.40	193.8	50.82
	29	97.0	21.00	122.2	28.52	149.4	37.40	161.2	41.48	173.8	46.32	185.0	50.82	193.8	54.44
	31	97.0	23.20	122.2	30.62	149.4	39.94	161.2	44.50	173.8	49.68	185.0	54.46	193.8	58.60
	33	97.0	24.88	122.2	32.90	149.4	42.96	161.2	47.78	173.8	53.28	185.0	58.68	193.8	63.10
	35	97.0	26.56	122.2	35.20	149.4	46.08	161.2	51.28	173.8	57.44	185.0	63.54	193.4	68.08
	37	97.0	28.58	122.2	37.74	149.4	49.48	161.2	55.20	173.0	61.74	180.0	65.58	185.6	68.78
	39	97.0	30.66	122.2	40.56	149.4	53.32	157.8	57.52	165.6	61.86	167.0	62.70	167.0	62.70
	41	97.0	32.80	122.2	43.56	143.2	53.84	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18
	43	97.0	35.28	119.4	45.34	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52
	46	93.6	37.74	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88
80	10	86.0	9.64	108.8	12.10	132.8	15.16	143.4	16.64	154.6	18.42	164.4	20.08	172.2	21.40
	12	86.0	9.76	108.8	12.30	132.8	15.48	143.4	16.96	154.6	18.86	164.4	20.76	172.2	22.36
	14	86.0	9.92	108.8	12.50	132.8	15.90	143.4	17.70	154.6	19.98	164.4	22.48	172.2	24.34
	16	86.0	10.04	108.8	12.76	132.8	17.04	143.4	19.26	154.6	22.00	164.4	24.44	172.2	26.52
	18	86.0	10.26	108.8	13.74	132.8	18.70	143.4	21.20	154.6	24.00	164.4	26.70	172.2	29.04
	20	86.0	11.00	108.8	15.08	132.8	20.56	143.4	23.32	154.6	26.48	164.4	29.38	172.2	31.92
	21	86.0	11.46	108.8	15.78	132.8	21.68	143.4	24.48	154.6	27.82	164.4	30.98	172.2	33.48
	23	86.0	12.72	108.8	17.60	132.8	23.94	143.4	27.20	154.6	30.86	164.4	34.06	172.2	36.70
	25	86.0	14.10	108.8	19.60	132.8	26.78	143.4	30.10	154.6	33.94	164.4	37.28	172.2	39.84
	27	86.0	15.80	108.8	21.98	132.8	29.68	143.4	32.84	154.6	36.48	164.4	39.78	172.2	42.56
	29	86.0	17.90	108.8	24.54	132.8	31.78	143.4	35.22	154.6	39.06	164.4	42.70	172.2	45.62
	31	86.0	20.08	108.8	26.52	132.8	34.04	143.4	37.80	154.6	41.94	164.4	45.70	172.2	48.96
	33	86.0	21.78	108.8	28.36	132.8	36.68	143.4	40.46	154.6	44.90	164.4	49.26	172.2	52.52
	35	86.0	23.42	108.8	30.44	132.8	39.26	143.4	43.54	154.6	48.28	164.4	52.84	172.2	56.62
	37	86.0	25.12	108.8	32.64	132.8	42.18	143.4	46.68	154.6	51.96	164.4	56.98	172.0	61.22
	39	86.0	26.82	108.8	35.04	132.8	45.38	143.4	50.14	153.6	55.42	159.8	58.58	164.6	61.30
	41	86.0	28.84	108.8	37.74	132.8	48.62	139.4	51.80	146.0	55.18	146.0	55.18	146.0	55.18
	43	86.0	30.94	108.8	40.40	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52
	46	86.0	34.40	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88

7. Capacity Tables

Cooling Capacity (64HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	75.2	8.62	95.0	10.52	116.4	13.00	125.4	14.16	135.4	15.48	144.0	16.80	150.8	17.82
	12	75.2	8.74	95.0	10.66	116.4	13.24	125.4	14.48	135.4	15.80	144.0	17.14	150.8	18.18
	14	75.2	8.84	95.0	10.90	116.4	13.42	125.4	14.70	135.4	16.26	144.0	17.80	150.8	19.24
	16	75.2	8.96	95.0	11.04	116.4	13.90	125.4	15.52	135.4	17.50	144.0	19.40	150.8	21.00
	18	75.2	9.06	95.0	11.46	116.4	15.20	125.4	17.06	135.4	19.20	144.0	21.30	150.8	22.94
	20	75.2	9.42	95.0	12.48	116.4	16.66	125.4	18.78	135.4	21.18	144.0	23.38	150.8	25.34
	21	75.2	9.82	95.0	13.14	116.4	17.52	125.4	19.72	135.4	22.24	144.0	24.72	150.8	26.64
	23	75.2	10.76	95.0	14.48	116.4	19.42	125.4	21.90	135.4	24.74	144.0	27.34	150.8	29.54
	25	75.2	11.92	95.0	16.20	116.4	21.82	125.4	24.46	135.4	27.46	144.0	30.38	150.8	32.62
	27	75.2	13.24	95.0	18.18	116.4	24.38	125.4	27.22	135.4	30.34	144.0	33.10	150.8	35.22
	29	75.2	15.02	95.0	20.56	116.4	26.84	125.4	29.60	135.4	32.64	144.0	35.42	150.8	37.74
	31	75.2	17.08	95.0	22.72	116.4	28.84	125.4	31.62	135.4	34.96	144.0	37.94	150.8	40.40
	33	75.2	18.96	95.0	24.36	116.4	30.96	125.4	33.86	135.4	37.46	144.0	40.78	150.8	43.34
	35	75.2	20.34	95.0	26.02	116.4	33.18	125.4	36.48	135.4	40.26	144.0	43.58	150.8	46.58
	37	75.2	21.80	95.0	28.00	116.4	35.60	125.4	39.06	135.4	43.04	144.0	47.02	150.8	50.22
	39	75.2	23.32	95.0	30.06	116.4	38.14	125.4	41.98	135.4	46.28	144.0	50.50	150.8	53.88
	41	75.2	25.04	95.0	32.18	116.4	41.00	125.4	45.14	134.4	49.32	139.8	52.04	144.0	54.12
	43	75.2	26.98	95.0	34.62	115.8	43.70	121.4	46.30	126.0	48.52	126.0	48.52	126.0	48.52
	46	75.2	29.96	92.4	37.30	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	74.0	31.62	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88
60	10	64.6	7.70	81.6	9.18	99.8	11.04	107.6	11.96	115.8	12.94	123.4	13.88	129.2	14.64
	12	64.6	7.82	81.6	9.30	99.8	11.16	107.6	12.10	115.8	13.14	123.4	14.16	129.2	14.94
	14	64.6	7.90	81.6	9.46	99.8	11.42	107.6	12.38	115.8	13.42	123.4	14.38	129.2	15.26
	16	64.6	8.00	81.6	9.56	99.8	11.60	107.6	12.56	115.8	13.90	123.4	15.10	129.2	16.28
	18	64.6	8.10	81.6	9.76	99.8	12.16	107.6	13.54	115.8	15.08	123.4	16.60	129.2	17.78
	20	64.6	8.20	81.6	10.30	99.8	13.34	107.6	14.80	115.8	16.64	123.4	18.30	129.2	19.76
	21	64.6	8.38	81.6	10.74	99.8	14.04	107.6	15.56	115.8	17.48	123.4	19.22	129.2	20.74
	23	64.6	9.06	81.6	11.90	99.8	15.60	107.6	17.28	115.8	19.38	123.4	21.26	129.2	22.94
	25	64.6	9.96	81.6	13.16	99.8	17.30	107.6	19.34	115.8	21.58	123.4	23.86	129.2	25.54
	27	64.6	11.04	81.6	14.68	99.8	19.40	107.6	21.66	115.8	24.22	123.4	26.60	129.2	28.42
	29	64.6	12.44	81.6	16.66	99.8	21.86	107.6	24.16	115.8	26.74	123.4	29.04	129.2	30.76
	31	64.6	14.20	81.6	18.88	99.8	23.98	107.6	26.22	115.8	28.60	123.4	31.00	129.2	32.82
	33	64.6	16.20	81.6	20.66	99.8	25.72	107.6	28.06	115.8	30.70	123.4	33.22	129.2	35.38
	35	64.6	17.58	81.6	22.12	99.8	27.52	107.6	30.14	115.8	32.98	123.4	35.66	129.2	37.82
	37	64.6	18.70	81.6	23.66	99.8	29.58	107.6	32.32	115.8	35.30	123.4	38.26	129.2	40.48
	39	64.6	20.06	81.6	25.38	99.8	31.72	107.6	34.70	115.8	38.00	123.4	40.94	129.2	43.56
	41	64.6	21.60	81.6	27.32	99.8	33.98	107.6	37.08	115.8	40.70	123.4	44.06	129.2	46.84
	43	64.6	23.14	81.6	29.22	99.8	36.44	107.6	39.90	115.4	43.50	120.2	45.80	123.8	47.50
	46	64.6	25.84	81.6	32.50	95.4	38.60	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	64.6	27.70	78.0	33.26	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88
50	10	53.8	6.92	67.8	8.00	83.2	9.34	89.6	10.00	96.6	10.66	102.8	11.42	107.6	11.96
	12	53.8	6.92	67.8	8.10	83.2	9.46	89.6	10.16	96.6	10.90	102.8	11.56	107.6	12.14
	14	53.8	7.00	67.8	8.20	83.2	9.64	89.6	10.30	96.6	11.04	102.8	11.76	107.6	12.38
	16	53.8	7.10	67.8	8.30	83.2	9.76	89.6	10.40	96.6	11.30	102.8	11.96	107.6	12.60
	18	53.8	7.14	67.8	8.42	83.2	9.92	89.6	10.72	96.6	11.62	102.8	12.70	107.6	13.54
	20	53.8	7.24	67.8	8.56	83.2	10.52	89.6	11.56	96.6	12.74	102.8	13.92	107.6	14.96
	21	53.8	7.28	67.8	8.78	83.2	11.06	89.6	12.16	96.6	13.42	102.8	14.66	107.6	15.58
	23	53.8	7.66	67.8	9.56	83.2	12.12	89.6	13.40	96.6	14.84	102.8	16.28	107.6	17.36
	25	53.8	8.30	67.8	10.56	83.2	13.56	89.6	14.92	96.6	16.46	102.8	18.06	107.6	19.34
	27	53.8	9.16	67.8	11.72	83.2	15.08	89.6	16.66	96.6	18.50	102.8	20.26	107.6	21.68
	29	53.8	10.22	67.8	13.26	83.2	17.08	89.6	18.86	96.6	20.98	102.8	22.84	107.6	24.18
	31	53.8	11.58	67.8	15.06	83.2	19.26	89.6	21.18	96.6	23.08	102.8	24.88	107.6	26.24
	33	53.8	13.28	67.8	17.20	83.2	20.92	89.6	22.78	96.6	24.80	102.8	26.56	107.6	28.06
	35	53.8	14.90	67.8	18.32	83.2	22.50	89.6	24.36	96.6	26.56	102.8	28.56	107.6	30.14
	37	53.8	15.96	67.8	19.66	83.2	24.20	89.6	26.24	96.6	28.56	102.8	30.50	107.6	32.32
	39	53.8	17.08	67.8	21.18	83.2	25.94	89.6	28.08	96.6	30.50	102.8	32.80	107.6	34.70
	41	53.8	18.38	67.8	22.68	83.2	27.76	89.6	30.16	96.6	32.70	102.8	35.28	107.6	37.22
	43	53.8	19.76	67.8	24.28	83.2	29.84	89.6	32.34	96.6	35.12	102.8	37.80	107.6	40.00
	46	53.8	21.86	67.8	27.06	83.2	33.24	89.0	35.80	93.4	37.72	97.2	39.32	97.2	39.32
	48	53.8	23.60	67.8	28.96	79.0	33.68	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM660LTE5

Cooling Capacity (66HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	144.2	16.59	182.1	23.04	222.8	32.62	240.3	37.64	259.0	43.58	275.8	49.17	288.7	53.71
	12	144.2	16.98	182.1	23.94	222.8	34.89	240.3	40.27	259.0	46.46	275.8	52.49	288.2	57.11
	14	144.2	17.44	182.1	25.96	222.8	37.58	240.3	43.29	259.0	50.04	275.8	56.31	287.5	60.96
	16	144.2	18.75	182.1	28.17	222.8	40.82	240.3	46.92	259.0	54.09	275.8	60.54	286.7	65.14
	18	144.2	20.57	182.1	30.82	222.8	44.33	240.3	50.91	259.0	58.40	275.5	64.95	285.8	69.18
	20	144.2	22.75	182.1	33.78	222.8	48.37	240.3	55.10	259.0	62.29	274.6	68.80	284.8	73.39
	21	144.2	23.91	182.1	35.40	222.8	50.15	240.3	56.89	259.0	64.28	274.1	70.80	284.3	75.70
	23	144.2	26.40	182.1	39.11	222.8	53.79	240.3	60.60	259.0	68.73	273.0	75.47	283.2	80.77
	25	144.2	29.47	182.1	42.31	222.8	57.45	240.3	64.91	258.8	73.67	271.9	80.63	281.1	86.05
	27	144.2	32.58	182.1	45.27	222.8	61.57	240.3	69.83	257.6	78.75	270.6	86.81	278.4	91.68
	29	144.2	35.03	182.1	48.40	222.8	66.07	240.3	75.30	256.3	84.62	267.7	92.38	274.0	96.84
	31	144.2	37.41	182.1	51.83	222.8	71.29	240.3	81.38	252.2	89.04	262.2	96.51	264.0	97.96
	33	144.2	40.01	182.1	55.54	222.4	76.81	235.4	85.06	243.8	91.04	243.5	91.00	243.5	91.00
	35	144.2	42.91	182.1	59.77	218.4	80.61	223.4	84.19	223.3	84.18	223.3	84.18	223.3	84.18
	37	144.2	46.07	181.2	64.06	203.2	77.55	203.2	77.55	203.2	77.55	203.2	77.55	203.2	77.55
	39	144.2	49.43	177.1	66.70	180.0	68.60	180.0	68.60	180.0	68.60	180.0	68.60	180.0	68.60
	41	142.9	52.50	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19
	43	135.1	52.19	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59
	46	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35
	48	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28
120	10	133.0	15.05	168.1	20.50	205.6	28.08	221.7	32.33	239.2	37.32	254.5	42.12	266.6	46.06
	12	133.0	15.35	168.1	21.10	205.6	30.03	221.7	34.73	239.2	39.93	254.5	44.97	266.6	49.06
	14	133.0	15.71	168.1	22.41	205.6	32.48	221.7	37.27	239.2	42.93	254.5	48.47	266.6	52.85
	16	133.0	16.41	168.1	24.44	205.6	35.20	221.7	40.46	239.2	46.56	254.5	52.17	266.6	56.95
	18	133.0	18.02	168.1	26.77	205.6	38.30	221.7	43.96	239.2	50.36	254.5	56.52	266.6	61.32
	20	133.0	19.88	168.1	29.43	205.6	41.87	221.7	47.99	239.2	54.43	254.5	60.65	266.6	65.25
	21	133.0	20.91	168.1	30.85	205.6	43.81	221.7	49.78	239.2	56.33	254.5	62.49	266.6	67.53
	23	133.0	23.25	168.1	34.10	205.6	47.49	221.7	53.42	239.2	60.20	254.5	66.81	265.9	71.84
	25	133.0	25.89	168.1	37.53	205.6	50.61	221.7	57.01	239.2	64.47	254.5	71.58	264.7	76.67
	27	133.0	28.97	168.1	40.25	205.6	54.27	221.7	61.10	239.2	69.10	254.0	76.78	263.5	82.22
	29	133.0	31.43	168.1	43.11	205.6	58.01	221.7	65.63	239.2	74.54	252.7	82.49	262.2	88.47
	31	133.0	33.67	168.1	46.16	205.6	62.51	221.7	70.76	239.2	80.76	249.4	87.38	256.7	92.32
	33	133.0	36.03	168.1	49.48	205.6	67.33	221.5	76.35	234.8	84.46	243.8	91.05	243.6	91.02
	35	133.0	38.68	168.1	53.01	204.3	71.90	217.5	80.09	223.4	84.20	223.3	84.18	223.3	84.18
	37	133.0	41.34	168.1	57.10	200.0	75.23	203.2	77.55	203.2	77.55	203.2	77.55	203.2	77.55
	39	133.0	44.43	166.0	60.51	180.0	68.60	180.0	68.60	180.0	68.60	180.0	68.60	180.0	68.60
	41	133.0	47.64	156.8	59.76	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19
	43	130.3	49.89	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59
	46	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35
	48	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28
110	10	122.1	13.59	154.1	18.23	188.5	24.26	203.3	27.43	219.2	31.49	233.3	35.61	244.2	38.98
	12	122.1	13.78	154.1	18.58	188.5	25.53	203.3	29.35	219.2	33.85	233.3	38.15	244.2	41.66
	14	122.1	14.08	154.1	19.30	188.5	27.57	203.3	31.76	219.2	36.53	233.3	41.05	244.2	44.73
	16	122.1	14.51	154.1	21.02	188.5	30.02	203.3	34.50	219.2	39.48	233.3	44.33	244.2	48.47
	18	122.1	15.69	154.1	23.00	188.5	32.81	203.3	37.59	219.2	42.98	233.3	48.22	244.2	52.34
	20	122.1	17.31	154.1	25.42	188.5	35.97	203.3	41.08	219.2	46.89	233.3	52.33	244.2	56.45
	21	122.1	18.24	154.1	26.62	188.5	37.62	203.3	42.98	219.2	48.93	233.3	54.26	244.2	58.45
	23	122.1	20.24	154.1	29.54	188.5	41.36	203.3	46.60	219.2	52.41	233.3	57.85	244.2	62.29
	25	122.1	22.69	154.1	32.62	188.5	44.37	203.3	49.76	219.2	55.96	233.3	61.85	244.2	66.71
	27	122.1	25.41	154.1	35.66	188.5	47.54	203.3	53.19	219.2	59.93	233.3	66.31	244.2	71.80
	29	122.1	28.13	154.1	38.25	188.5	50.80	203.3	57.05	219.2	64.33	233.3	71.46	244.2	77.38
	31	122.1	30.24	154.1	40.88	188.5	54.67	203.3	61.31	219.2	69.41	233.3	77.23	243.3	83.36
	33	122.1	32.39	154.1	43.82	188.5	58.68	203.3	66.02	219.2	74.93	231.0	82.08	237.8	86.67
	35	122.1	34.67	154.1	47.04	188.5	63.24	202.4	70.80	215.4	78.78	223.5	84.21	223.3	84.18
	37	122.1	37.10	154.1	50.44	186.4	67.05	198.5	74.25	202.9	77.34	203.2	77.55	203.2	77.55
	39	122.1	39.68	154.1	54.24	178.5	67.58	180.0	68.60	180.0	68.60	180.0	68.60	180.0	68.60
	41	122.1	42.62	151.0	56.61	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19
	43	121.4	45.43	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59
	46	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35
	48	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28

7. Capacity Tables

Cooling Capacity (66HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	110.9	12.23	140.2	16.04	171.4	21.01	184.8	23.55	199.3	26.61	212.2	29.66	222.1	32.35
	12	110.9	12.42	140.2	16.40	171.4	21.75	184.8	24.65	199.3	28.25	212.2	31.88	222.1	34.77
	14	110.9	12.68	140.2	16.81	171.4	23.19	184.8	26.63	199.3	30.62	212.2	34.40	222.1	37.44
	16	110.9	12.87	140.2	17.92	171.4	25.26	184.8	29.03	199.3	33.24	212.2	37.24	222.1	40.55
	18	110.9	13.65	140.2	19.70	171.4	27.70	184.8	31.56	199.3	36.19	212.2	40.55	222.1	44.05
	20	110.9	14.97	140.2	21.65	171.4	30.43	184.8	34.60	199.3	39.66	212.2	44.22	222.1	48.02
	21	110.9	15.77	140.2	22.75	171.4	31.88	184.8	36.41	199.3	41.52	212.2	46.26	222.1	49.98
	23	110.9	17.55	140.2	25.17	171.4	35.21	184.8	39.99	199.3	45.14	212.2	49.76	222.1	53.50
	25	110.9	19.62	140.2	28.14	171.4	38.58	184.8	43.22	199.3	48.27	212.2	53.16	222.1	57.09
	27	110.9	22.00	140.2	31.31	171.4	41.44	184.8	46.12	199.3	51.65	212.2	56.97	222.1	61.20
	29	110.9	24.72	140.2	33.59	171.4	44.20	184.8	49.34	199.3	55.41	212.2	60.98	222.1	65.73
	31	110.9	27.01	140.2	35.93	171.4	47.37	184.8	53.02	199.3	59.31	212.2	65.70	222.1	70.93
	33	110.9	28.81	140.2	38.57	171.4	50.93	184.8	56.80	199.3	64.03	212.2	70.93	221.8	76.44
	35	110.9	30.94	140.2	41.23	171.4	54.63	184.8	61.10	199.2	69.11	209.7	75.09	217.8	80.38
	37	110.9	33.12	140.2	44.29	171.4	58.81	183.4	65.23	195.3	72.20	201.4	76.17	203.2	77.55
	39	110.9	35.51	140.2	47.45	168.7	61.91	177.7	67.05	180.0	68.60	180.0	68.60	180.0	68.60
	41	110.9	37.89	139.6	50.84	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19
	43	110.9	40.76	134.2	51.66	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59
	46	104.2	41.94	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35
	48	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28
90	10	100.0	10.95	126.0	14.08	154.1	18.23	166.3	20.15	179.2	22.46	190.8	24.75	199.9	26.65
	12	100.0	11.13	126.0	14.40	154.1	18.58	166.3	20.69	179.2	23.28	190.8	26.10	199.9	28.46
	14	100.0	11.26	126.0	14.59	154.1	19.32	166.3	22.07	179.2	25.21	190.8	28.24	199.9	30.79
	16	100.0	11.53	126.0	15.08	154.1	21.02	166.3	24.04	179.2	27.51	190.8	30.71	199.9	33.33
	18	100.0	11.78	126.0	16.58	154.1	23.02	166.3	26.22	179.2	29.96	190.8	33.51	199.9	36.35
	20	100.0	12.98	126.0	18.30	154.1	25.42	166.3	28.86	179.2	32.87	190.8	36.69	199.9	39.93
	21	100.0	13.58	126.0	19.22	154.1	26.63	166.3	30.25	179.2	34.57	190.8	38.53	199.9	41.61
	23	100.0	15.09	126.0	21.30	154.1	29.54	166.3	33.50	179.2	38.01	190.8	42.21	199.9	45.35
	25	100.0	16.88	126.0	23.76	154.1	32.86	166.3	36.89	179.2	41.29	190.8	45.34	199.9	48.60
	27	100.0	18.89	126.0	26.67	154.1	35.81	166.3	39.77	179.2	44.21	190.8	48.50	199.9	51.93
	29	100.0	21.37	126.0	29.36	154.1	38.31	166.3	42.45	179.2	47.34	190.8	51.85	199.9	55.54
	31	100.0	23.91	126.0	31.46	154.1	40.89	166.3	45.47	179.2	50.71	190.8	55.54	199.9	59.69
	33	100.0	25.61	126.0	33.70	154.1	43.87	166.3	48.74	179.2	54.30	190.8	59.75	199.9	64.17
	35	100.0	27.34	126.0	36.05	154.1	47.04	166.3	52.24	179.2	58.45	190.8	64.53	199.7	69.23
	37	100.0	29.36	126.0	38.60	154.1	50.44	166.3	56.22	178.8	62.92	188.3	68.16	195.8	72.57
	39	100.0	31.45	126.0	41.42	154.1	54.28	164.6	59.54	175.1	65.45	179.0	67.87	180.0	68.60
	41	100.0	33.55	126.0	44.47	151.0	56.64	156.4	59.51	157.4	60.19	157.4	60.19	157.4	60.19
	43	100.0	36.08	124.6	46.95	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59
	46	98.3	39.28	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35
	48	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28
80	10	88.7	9.82	112.2	12.37	137.0	15.58	147.9	17.15	159.4	19.02	169.6	20.78	177.6	22.17
	12	88.7	9.94	112.2	12.57	137.0	15.91	147.9	17.52	159.4	19.46	169.6	21.36	177.6	22.90
	14	88.7	10.07	112.2	12.81	137.0	16.32	147.9	18.07	159.4	20.33	169.6	22.89	177.6	24.80
	16	88.7	10.22	112.2	13.05	137.0	17.26	147.9	19.55	159.4	22.34	169.6	24.86	177.6	26.98
	18	88.7	10.44	112.2	13.88	137.0	18.95	147.9	21.52	159.4	24.40	169.6	27.14	177.6	29.52
	20	88.7	11.09	112.2	15.25	137.0	20.87	147.9	23.67	159.4	26.91	169.6	29.84	177.6	32.41
	21	88.7	11.58	112.2	16.01	137.0	21.97	147.9	24.84	159.4	28.22	169.6	31.44	177.6	33.96
	23	88.7	12.86	112.2	17.84	137.0	24.31	147.9	27.59	159.4	31.27	169.6	34.57	177.6	37.34
	25	88.7	14.29	112.2	19.89	137.0	27.18	147.9	30.57	159.4	34.62	169.6	38.14	177.6	40.84
	27	88.7	16.08	112.2	22.36	137.0	30.32	147.9	33.66	159.4	37.42	169.6	40.79	177.6	43.55
	29	88.7	18.25	112.2	25.08	137.0	32.64	147.9	36.10	159.4	40.00	169.6	43.71	177.6	46.66
	31	88.7	20.60	112.2	27.30	137.0	34.90	147.9	38.73	159.4	42.88	169.6	46.66	177.6	49.99
	33	88.7	22.45	112.2	29.15	137.0	37.54	147.9	41.39	159.4	45.84	169.6	50.21	177.6	53.54
	35	88.7	24.14	112.2	31.24	137.0	40.13	147.9	44.42	159.4	49.28	169.6	53.84	177.6	57.63
	37	88.7	25.80	112.2	33.44	137.0	43.10	147.9	47.61	159.4	52.89	169.6	57.92	177.5	62.23
	39	88.7	27.55	112.2	35.84	137.0	46.25	147.9	51.07	158.9	56.67	167.3	61.00	173.8	64.71
	41	88.7	29.57	112.2	38.54	137.0	49.55	145.9	53.90	154.9	58.61	157.1	59.94	157.4	60.19
	43	88.7	31.67	112.2	41.20	133.6	51.35	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59
	46	88.7	35.13	104.5	42.08	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35
	48	84.5	35.88	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28

7. Capacity Tables

Cooling Capacity (66HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	77.6	8.73	98.0	10.74	120.0	13.32	129.3	14.56	139.6	15.94	148.5	17.32	155.5	18.40
	12	77.6	8.86	98.0	10.87	120.0	13.59	129.3	14.89	139.6	16.27	148.5	17.67	155.5	18.80
	14	77.6	8.98	98.0	11.13	120.0	13.78	129.3	15.11	139.6	16.66	148.5	18.21	155.5	19.58
	16	77.6	9.10	98.0	11.26	120.0	14.17	129.3	15.75	139.6	17.76	148.5	19.70	155.5	21.33
	18	77.6	9.21	98.0	11.61	120.0	15.37	129.3	17.27	139.6	19.48	148.5	21.62	155.5	23.30
	20	77.6	9.47	98.0	12.62	120.0	16.86	129.3	19.02	139.6	21.46	148.5	23.73	155.5	25.72
	21	77.6	9.90	98.0	13.29	120.0	17.74	129.3	20.02	139.6	22.56	148.5	25.08	155.5	27.04
	23	77.6	10.87	98.0	14.65	120.0	19.72	129.3	22.20	139.6	25.11	148.5	27.73	155.5	29.96
	25	77.6	12.07	98.0	16.42	120.0	22.13	129.3	24.84	139.6	27.85	148.5	30.86	155.5	33.21
	27	77.6	13.48	98.0	18.49	120.0	24.78	129.3	27.73	139.6	31.06	148.5	33.94	155.5	36.17
	29	77.6	15.31	98.0	20.93	120.0	27.55	129.3	30.43	139.6	33.49	148.5	36.34	155.5	38.64
	31	77.6	17.44	98.0	23.40	120.0	29.65	129.3	32.45	139.6	35.81	148.5	38.86	155.5	41.30
	33	77.6	19.62	98.0	25.09	120.0	31.78	129.3	34.70	139.6	38.32	148.5	41.71	155.5	44.30
	35	77.6	21.00	98.0	26.76	120.0	34.00	129.3	37.32	139.6	41.12	148.5	44.51	155.5	47.48
	37	77.6	22.46	98.0	28.74	120.0	36.42	129.3	39.91	139.6	43.96	148.5	47.95	155.5	51.11
	39	77.6	24.03	98.0	30.81	120.0	38.97	129.3	42.88	139.6	47.14	148.5	51.43	155.5	54.83
	41	77.6	25.70	98.0	32.93	120.0	41.83	129.3	45.99	139.1	50.53	146.4	54.21	152.1	57.07
	43	77.6	27.64	98.0	35.37	119.7	44.74	127.3	48.26	134.1	51.58	135.9	52.59	135.9	52.59
	46	77.6	30.67	96.7	38.65	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35
	48	77.0	32.59	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28
60	10	66.6	7.78	84.1	9.33	102.9	11.26	110.9	12.23	119.5	13.29	127.3	14.24	133.3	15.05
	12	66.6	7.90	84.1	9.46	102.9	11.42	110.9	12.40	119.5	13.49	127.3	14.53	133.3	15.39
	14	66.6	7.99	84.1	9.61	102.9	11.68	110.9	12.68	119.5	13.78	127.3	14.76	133.3	15.71
	16	66.6	8.09	84.1	9.71	102.9	11.84	110.9	12.87	119.5	14.17	127.3	15.34	133.3	16.51
	18	66.6	8.19	84.1	9.94	102.9	12.30	110.9	13.65	119.5	15.25	127.3	16.81	133.3	18.02
	20	66.6	8.29	84.1	10.38	102.9	13.47	110.9	14.97	119.5	16.85	127.3	18.54	133.3	20.04
	21	66.6	8.43	84.1	10.83	102.9	14.20	110.9	15.75	119.5	17.71	127.3	19.48	133.3	21.04
	23	66.6	9.14	84.1	12.01	102.9	15.80	110.9	17.55	119.5	19.65	127.3	21.60	133.3	23.27
	25	66.6	10.08	84.1	13.34	102.9	17.55	110.9	19.62	119.5	21.93	127.3	24.20	133.3	25.91
	27	66.6	11.22	84.1	14.93	102.9	19.71	110.9	22.00	119.5	24.57	127.3	27.05	133.3	28.98
	29	66.6	12.68	84.1	16.97	102.9	22.25	110.9	24.72	119.5	27.45	127.3	29.83	133.3	31.58
	31	66.6	14.52	84.1	19.33	102.9	24.74	110.9	27.01	119.5	29.41	127.3	31.79	133.3	33.69
	33	66.6	16.67	84.1	21.34	102.9	26.49	110.9	28.81	119.5	31.52	127.3	34.06	133.3	36.20
	35	66.6	18.23	84.1	22.81	102.9	28.25	110.9	30.94	119.5	33.80	127.3	36.46	133.3	38.70
	37	66.6	19.38	84.1	24.39	102.9	30.31	110.9	33.12	119.5	36.13	127.3	39.12	133.3	41.36
	39	66.6	20.75	84.1	26.07	102.9	32.50	110.9	35.51	119.5	38.83	127.3	41.85	133.3	44.45
	41	66.6	22.25	84.1	28.02	102.9	34.76	110.9	37.89	119.5	41.53	127.3	44.92	133.3	47.73
	43	66.6	23.79	84.1	29.91	102.9	37.22	110.9	40.76	119.3	44.48	125.7	47.54	130.6	49.89
	46	66.6	26.49	84.1	33.24	100.7	40.41	104.2	41.94	105.0	42.35	105.0	42.35	105.0	42.35
	48	66.6	28.35	82.3	34.83	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28
50	10	55.5	6.95	70.0	8.09	85.8	9.48	92.4	10.18	99.6	10.87	106.0	11.65	111.0	12.23
	12	55.5	6.97	70.0	8.19	85.8	9.61	92.4	10.35	99.6	11.13	106.0	11.82	111.0	12.42
	14	55.5	7.05	70.0	8.29	85.8	9.79	92.4	10.48	99.6	11.26	106.0	12.02	111.0	12.68
	16	55.5	7.15	70.0	8.39	85.8	9.94	92.4	10.61	99.6	11.53	106.0	12.26	111.0	12.89
	18	55.5	7.19	70.0	8.51	85.8	10.07	92.4	10.88	99.6	11.78	106.0	12.82	111.0	13.68
	20	55.5	7.29	70.0	8.65	85.8	10.60	92.4	11.67	99.6	12.85	106.0	14.06	111.0	15.14
	21	55.5	7.33	70.0	8.83	85.8	11.16	92.4	12.28	99.6	13.55	106.0	14.82	111.0	15.80
	23	55.5	7.69	70.0	9.64	85.8	12.26	92.4	13.54	99.6	15.04	106.0	16.48	111.0	17.60
	25	55.5	8.37	70.0	10.69	85.8	13.74	92.4	15.14	99.6	16.72	106.0	18.31	111.0	19.62
	27	55.5	9.27	70.0	11.90	85.8	15.36	92.4	16.94	99.6	18.81	106.0	20.60	111.0	22.02
	29	55.5	10.40	70.0	13.54	85.8	17.39	92.4	19.21	99.6	21.35	106.0	23.30	111.0	24.74
	31	55.5	11.83	70.0	15.39	85.8	19.74	92.4	21.74	99.6	23.79	106.0	25.63	111.0	27.03
	33	55.5	13.65	70.0	17.72	85.8	21.64	92.4	23.49	99.6	25.57	106.0	27.32	111.0	28.85
	35	55.5	15.49	70.0	18.99	85.8	23.18	92.4	25.07	99.6	27.30	106.0	29.32	111.0	30.94
	37	55.5	16.59	70.0	20.34	85.8	24.93	92.4	26.95	99.6	29.30	106.0	31.32	111.0	33.12
	39	55.5	17.67	70.0	21.82	85.8	26.63	92.4	28.80	99.6	31.29	106.0	33.57	111.0	35.51
	41	55.5	18.97	70.0	23.32	85.8	28.45	92.4	30.88	99.6	33.50	106.0	36.10	111.0	38.03
	43	55.5	20.35	70.0	24.97	85.8	30.53	92.4	33.11	99.6	35.91	106.0	38.63	111.0	40.81
	46	55.5	22.49	70.0	27.75	85.8	33.93	92.1	36.65	98.0	39.26	103.2	41.46	104.3	42.00
	48	55.5	24.23	70.0	29.64	83.7	35.37	85.3	36.21	85.5	36.28	85.5	36.28	85.5	36.28

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM680LTE5

Cooling Capacity (68HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	148.6	17.53	187.7	24.60	229.5	35.21	247.5	40.61	264.0	45.79	277.4	50.13	287.7	53.70
	12	148.6	17.93	187.7	25.74	229.5	37.60	247.5	43.39	263.3	48.53	276.7	53.27	287.0	57.10
	14	148.6	18.51	187.7	27.92	229.5	40.45	247.5	46.62	262.6	51.92	275.9	56.83	286.1	60.95
	16	148.6	20.05	187.7	30.22	229.5	43.90	246.8	50.14	261.7	55.76	274.9	60.77	285.2	65.12
	18	148.6	21.98	187.7	33.03	229.5	47.69	245.9	54.02	260.7	59.84	273.9	64.92	284.1	69.15
	20	148.6	24.26	187.7	36.20	229.5	51.80	244.9	57.60	259.7	63.18	272.9	68.75	283.0	73.33
	21	148.6	25.52	187.7	37.91	229.5	53.53	244.4	59.20	259.2	64.97	272.3	70.74	282.4	75.64
	23	148.6	28.14	187.7	41.71	229.5	57.25	243.3	62.62	258.0	68.99	271.1	75.40	281.1	80.69
	25	148.6	31.42	187.7	44.77	228.4	60.68	242.1	66.55	256.8	73.59	269.8	80.54	278.9	85.95
	27	148.6	34.41	187.7	47.95	227.2	64.48	240.9	71.04	255.4	78.66	268.4	86.70	276.1	91.56
	29	148.6	36.88	187.7	51.35	225.9	68.62	239.5	75.90	254.0	84.50	265.3	92.24	271.7	96.72
	31	148.6	39.40	187.7	55.09	224.6	73.36	238.1	81.27	249.8	88.90	260.0	96.40	262.0	97.88
	33	148.6	42.21	187.7	59.09	222.7	78.25	233.2	84.93	241.8	90.95	241.8	90.95	241.8	90.95
	35	148.6	45.30	187.7	63.81	217.5	81.30	221.5	84.12	221.5	84.12	221.5	84.12	221.5	84.12
	37	148.6	48.73	186.8	68.73	201.4	77.48	201.4	77.48	201.4	77.48	201.4	77.48	201.4	77.48
	39	148.6	52.33	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46
	41	147.1	55.66	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06
	43	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48
	46	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25
120	10	137.1	15.86	173.2	21.77	211.9	30.20	228.5	34.91	246.5	40.28	260.4	44.64	270.1	47.74
	12	137.1	16.17	173.2	22.50	211.9	32.34	228.5	37.37	246.5	42.99	259.7	47.37	269.4	50.58
	14	137.1	16.54	173.2	24.08	211.9	34.93	228.5	40.08	246.5	46.18	258.9	50.68	268.6	54.15
	16	137.1	17.52	173.2	26.19	211.9	37.83	228.5	43.53	246.0	49.85	258.1	54.26	267.7	58.01
	18	137.1	19.25	173.2	28.72	211.9	41.15	228.5	47.25	245.1	53.55	257.1	58.36	266.7	62.05
	20	137.1	21.23	173.2	31.51	211.9	44.99	228.5	51.42	244.1	57.07	256.1	61.90	265.7	65.50
	21	137.1	22.27	173.2	33.00	211.9	46.90	228.5	53.10	243.6	58.71	255.6	63.60	265.1	67.56
	23	137.1	24.76	173.2	36.48	211.9	50.45	228.5	56.87	242.5	62.29	254.4	67.51	263.9	71.77
	25	137.1	27.58	173.2	39.80	211.9	53.79	227.6	60.32	241.3	66.19	253.2	71.82	262.7	76.59
	27	137.1	30.76	173.2	42.53	211.9	57.76	226.4	64.15	240.1	70.40	251.9	76.68	261.3	82.11
	29	137.1	33.07	173.2	45.56	211.9	61.93	225.1	68.27	238.7	75.30	250.5	82.38	259.9	88.34
	31	137.1	35.39	173.2	48.87	211.3	66.50	223.8	72.99	237.3	80.82	247.0	87.24	254.4	92.20
	33	137.1	37.89	173.2	52.48	209.9	70.91	222.2	77.96	232.6	84.33	241.8	90.95	241.8	90.95
	35	137.1	40.74	173.2	56.34	207.2	75.01	216.9	80.96	221.5	84.12	221.5	84.12	221.5	84.12
	37	137.1	43.58	173.2	60.89	201.4	77.48	201.4	77.48	201.4	77.48	201.4	77.48	201.4	77.48
	39	137.1	46.86	170.1	64.02	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46
	41	137.1	50.37	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06
	43	132.1	51.46	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48
	46	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25
110	10	125.8	14.25	158.8	19.30	194.2	25.91	209.5	29.50	225.8	34.02	240.4	38.45	251.6	42.05
	12	125.8	14.48	158.8	19.71	194.2	27.50	209.5	31.63	225.8	36.46	240.4	41.14	251.5	44.77
	14	125.8	14.79	158.8	20.63	194.2	29.63	209.5	34.18	225.8	39.31	240.4	44.17	250.8	47.75
	16	125.8	15.36	158.8	22.54	194.2	32.23	209.5	37.09	225.8	42.46	240.4	47.69	249.9	51.35
	18	125.8	16.70	158.8	24.61	194.2	35.20	209.5	40.35	225.8	46.22	240.4	51.90	249.0	55.09
	20	125.8	18.43	158.8	27.14	194.2	38.54	209.5	44.16	225.8	50.26	239.4	55.51	248.0	58.61
	21	125.8	19.37	158.8	28.44	194.2	40.34	209.5	46.07	225.8	52.24	238.9	57.11	247.5	60.42
	23	125.8	21.50	158.8	31.56	194.2	44.06	209.5	49.44	225.8	55.75	237.8	60.43	246.4	63.95
	25	125.8	24.14	158.8	34.78	194.2	47.06	209.5	52.84	225.7	59.48	236.7	64.15	245.2	67.97
	27	125.8	27.01	158.8	37.64	194.2	50.38	209.5	56.57	224.5	63.21	235.4	68.23	243.9	72.55
	29	125.8	29.59	158.8	40.31	194.2	53.98	209.5	60.84	223.2	67.26	234.1	72.89	242.6	77.54
	31	125.8	31.71	158.8	43.16	194.2	58.13	209.5	65.52	221.8	71.89	232.7	78.01	241.0	83.23
	33	125.8	34.02	158.8	46.28	194.2	62.59	208.2	69.85	220.4	76.89	229.0	82.13	235.6	86.55
	35	125.8	36.38	158.8	49.78	194.2	67.69	205.8	74.18	215.3	80.02	221.5	84.12	221.5	84.12
	37	125.8	39.01	158.8	53.49	191.4	71.60	200.4	76.86	201.4	77.48	201.4	77.48	201.4	77.48
	39	125.8	41.76	158.8	57.65	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46
	41	125.8	44.89	153.1	58.70	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06
	43	125.1	47.97	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48
	46	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25

7. Capacity Tables

Cooling Capacity (68HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	114.3	12.78	144.5	16.92	176.5	22.35	190.4	25.12	205.3	28.57	218.6	31.95	228.8	34.93
	12	114.3	12.97	144.5	17.29	176.5	23.21	190.4	26.50	205.3	30.45	218.6	34.36	228.8	37.46
	14	114.3	13.28	144.5	17.78	176.5	24.94	190.4	28.61	205.3	32.90	218.6	36.98	228.8	40.30
	16	114.3	13.48	144.5	19.18	176.5	27.09	190.4	31.15	205.3	35.69	218.6	40.01	228.8	43.57
	18	114.3	14.49	144.5	21.04	176.5	29.68	190.4	33.86	205.3	38.84	218.6	43.56	228.8	47.39
	20	114.3	15.91	144.5	23.12	176.5	32.60	190.4	37.11	205.3	42.57	218.6	47.47	228.8	51.45
	21	114.3	16.75	144.5	24.27	176.5	34.13	190.4	39.02	205.3	44.50	218.6	49.41	228.8	53.35
	23	114.3	18.61	144.5	26.85	176.5	37.70	190.4	42.65	205.3	47.99	218.6	52.88	228.8	56.95
	25	114.3	20.79	144.5	30.02	176.5	40.89	190.4	45.76	205.3	51.23	218.6	56.56	227.9	60.39
	27	114.3	23.36	144.5	33.11	176.5	43.82	190.4	48.90	205.3	54.90	218.6	60.72	226.7	64.18
	29	114.3	26.12	144.5	35.35	176.5	46.76	190.4	52.34	205.3	58.99	217.7	64.60	225.4	68.36
	31	114.3	28.24	144.5	37.83	176.5	50.25	190.4	56.33	205.3	63.28	216.4	68.99	224.1	73.08
	33	114.3	30.19	144.5	40.61	176.5	54.05	190.4	60.55	205.0	68.34	215.0	73.76	222.4	77.98
	35	114.3	32.39	144.5	43.50	176.5	58.11	190.4	65.35	203.5	73.01	211.1	77.32	217.1	81.24
	37	114.3	34.70	144.5	46.76	176.5	62.76	189.0	70.07	198.0	75.36	201.4	77.48	201.4	77.48
	39	114.3	37.22	144.5	50.20	172.1	65.08	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46
	41	114.3	39.81	143.9	53.93	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06
	43	114.3	42.86	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48
	46	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25
90	10	103.0	11.41	129.9	14.79	158.8	19.30	171.3	21.41	184.7	23.94	196.6	26.46	206.0	28.67
	12	103.0	11.59	129.9	15.15	158.8	19.71	171.3	22.06	184.7	24.99	196.6	28.12	206.0	30.67
	14	103.0	11.76	129.9	15.35	158.8	20.65	171.3	23.72	184.7	27.08	196.6	30.33	206.0	33.13
	16	103.0	12.03	129.9	16.02	158.8	22.54	171.3	25.77	184.7	29.52	196.6	32.96	206.0	35.78
	18	103.0	12.38	129.9	17.67	158.8	24.62	171.3	28.09	184.7	32.09	196.6	35.94	206.0	39.01
	20	103.0	13.73	129.9	19.46	158.8	27.18	171.3	30.91	184.7	35.19	196.6	39.34	206.0	42.85
	21	103.0	14.36	129.9	20.46	158.8	28.45	171.3	32.37	184.7	37.03	196.6	41.34	206.0	44.64
	23	103.0	15.97	129.9	22.68	158.8	31.56	171.3	35.85	184.7	40.62	196.6	44.96	206.0	48.19
	25	103.0	17.88	129.9	25.27	158.8	34.98	171.3	39.12	184.7	43.71	196.6	48.07	206.0	51.57
	27	103.0	19.96	129.9	28.38	158.8	37.78	171.3	41.98	184.7	46.85	196.6	51.44	206.0	55.20
	29	103.0	22.60	129.9	30.79	158.8	40.43	171.3	44.88	184.7	50.20	196.6	55.14	206.0	59.14
	31	103.0	24.99	129.9	33.01	158.8	43.18	171.3	48.15	184.7	53.79	196.6	59.12	206.0	63.68
	33	103.0	26.77	129.9	35.42	158.8	46.39	171.3	51.65	184.7	57.78	196.6	63.79	205.5	68.40
	35	103.0	28.56	129.9	37.87	158.8	49.78	171.3	55.47	184.7	62.34	196.6	69.12	203.9	73.05
	37	103.0	30.68	129.9	40.63	158.8	53.49	171.3	59.83	184.3	67.42	192.8	72.44	198.4	75.64
	39	103.0	32.89	129.9	43.62	158.8	57.75	169.1	63.28	176.9	67.62	178.3	68.46	178.3	68.46
	41	103.0	35.11	129.9	46.87	153.1	58.72	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06
	43	103.0	37.78	127.9	49.30	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48
	46	100.2	40.68	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25
80	10	91.4	10.19	115.6	12.95	141.1	16.44	152.3	18.15	164.2	20.15	174.7	22.06	183.0	23.64
	12	91.4	10.31	115.6	13.17	141.1	16.78	152.3	18.53	164.2	20.66	174.7	22.79	183.0	24.57
	14	91.4	10.48	115.6	13.41	141.1	17.20	152.3	19.25	164.2	21.85	174.7	24.58	183.0	26.66
	16	91.4	10.63	115.6	13.66	141.1	18.45	152.3	20.93	164.2	23.96	174.7	26.67	183.0	28.98
	18	91.4	10.88	115.6	14.73	141.1	20.25	152.3	23.01	164.2	26.11	174.7	29.10	183.0	31.63
	20	91.4	11.68	115.6	16.17	141.1	22.26	152.3	25.27	164.2	28.78	174.7	31.93	183.0	34.71
	21	91.4	12.21	115.6	16.96	141.1	23.41	152.3	26.54	164.2	30.15	174.7	33.62	183.0	36.35
	23	91.4	13.57	115.6	18.91	141.1	25.91	152.3	29.42	164.2	33.42	174.7	37.03	183.0	39.94
	25	91.4	15.08	115.6	21.10	141.1	28.93	152.3	32.62	164.2	36.82	174.7	40.40	183.0	43.23
	27	91.4	16.95	115.6	23.69	141.1	32.09	152.3	35.56	164.2	39.49	174.7	43.10	183.0	46.12
	29	91.4	19.26	115.6	26.47	141.1	34.32	152.3	38.04	164.2	42.23	174.7	46.24	183.0	49.42
	31	91.4	21.65	115.6	28.59	141.1	36.76	152.3	40.82	164.2	45.34	174.7	49.45	183.0	53.05
	33	91.4	23.40	115.6	30.54	141.1	39.55	152.3	43.65	164.2	48.51	174.7	53.30	183.0	56.93
	35	91.4	25.13	115.6	32.75	141.1	42.30	152.3	46.93	164.2	52.18	174.7	57.22	183.0	61.41
	37	91.4	26.93	115.6	35.08	141.1	45.46	152.3	50.40	164.2	56.19	174.7	61.75	182.9	66.53
	39	91.4	28.73	115.6	37.62	141.1	48.88	152.3	54.19	163.7	60.36	171.1	64.34	175.9	67.06
	41	91.4	30.85	115.6	40.48	141.1	52.50	149.3	56.68	155.9	60.06	155.9	60.06	155.9	60.06
	43	91.4	33.08	115.6	43.37	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48
	46	91.4	36.70	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25

7. Capacity Tables

Cooling Capacity (68HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	79.9	9.03	101.0	11.16	123.7	13.97	133.3	15.29	143.8	16.82	153.0	18.32	160.2	19.47
	12	79.9	9.15	101.0	11.33	123.7	14.25	133.3	15.66	143.8	17.15	153.0	18.72	160.2	19.93
	14	79.9	9.28	101.0	11.59	123.7	14.48	133.3	15.89	143.8	17.60	153.0	19.40	160.2	20.98
	16	79.9	9.40	101.0	11.76	123.7	14.95	133.3	16.75	143.8	18.97	153.0	21.08	160.2	22.87
	18	79.9	9.53	101.0	12.18	123.7	16.36	133.3	18.42	143.8	20.81	153.0	23.13	160.2	24.96
	20	79.9	9.91	101.0	13.32	123.7	17.92	133.3	20.29	143.8	22.91	153.0	25.38	160.2	27.49
	21	79.9	10.38	101.0	14.02	123.7	18.88	133.3	21.30	143.8	24.08	153.0	26.79	160.2	28.87
	23	79.9	11.40	101.0	15.52	123.7	20.96	133.3	23.62	143.8	26.74	153.0	29.58	160.2	32.00
	25	79.9	12.67	101.0	17.37	123.7	23.52	133.3	26.44	143.8	29.73	153.0	32.92	160.2	35.37
	27	79.9	14.15	101.0	19.54	123.7	26.31	133.3	29.45	143.8	32.87	153.0	35.78	160.2	38.11
	29	79.9	16.09	101.0	22.14	123.7	28.98	133.3	31.95	143.8	35.24	153.0	38.29	160.2	40.77
	31	79.9	18.35	101.0	24.49	123.7	31.06	133.3	34.08	143.8	37.70	153.0	40.96	160.2	43.65
	33	79.9	20.37	101.0	26.19	123.7	33.34	133.3	36.51	143.8	40.36	153.0	43.98	160.2	46.79
	35	79.9	21.83	101.0	27.95	123.7	35.69	133.3	39.28	143.8	43.38	153.0	47.03	160.2	50.30
	37	79.9	23.38	101.0	30.04	123.7	38.26	133.3	42.03	143.8	46.42	153.0	50.76	160.2	54.25
	39	79.9	24.99	101.0	32.23	123.7	40.97	133.3	45.19	143.8	49.88	153.0	54.56	160.2	58.34
	41	79.9	26.75	101.0	34.42	123.7	44.06	133.3	48.57	143.3	53.53	149.7	56.92	153.9	59.00
	43	79.9	28.79	101.0	37.05	123.4	47.18	129.9	50.26	134.5	52.48	134.5	52.48	134.5	52.48
	46	79.9	31.95	99.0	40.24	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	79.3	33.99	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25
60	10	68.6	8.00	86.7	9.66	106.0	11.76	114.3	12.78	123.1	13.90	131.1	14.99	137.3	15.86
	12	68.6	8.12	86.7	9.80	106.0	11.92	114.3	12.95	123.1	14.15	131.1	15.29	137.3	16.21
	14	68.6	8.21	86.7	9.95	106.0	12.19	114.3	13.28	123.1	14.44	131.1	15.56	137.3	16.54
	16	68.6	8.32	86.7	10.08	106.0	12.38	114.3	13.48	123.1	14.94	131.1	16.27	137.3	17.62
	18	68.6	8.44	86.7	10.31	106.0	12.98	114.3	14.49	123.1	16.21	131.1	17.90	137.3	19.25
	20	68.6	8.54	86.7	10.91	106.0	14.24	114.3	15.91	123.1	17.90	131.1	19.74	137.3	21.35
	21	68.6	8.76	86.7	11.39	106.0	15.03	114.3	16.73	123.1	18.81	131.1	20.74	137.3	22.39
	23	68.6	9.52	86.7	12.66	106.0	16.71	114.3	18.61	123.1	20.88	131.1	22.96	137.3	24.82
	25	68.6	10.54	86.7	14.06	106.0	18.58	114.3	20.79	123.1	23.28	131.1	25.77	137.3	27.61
	27	68.6	11.77	86.7	15.72	106.0	20.85	114.3	23.36	123.1	26.14	131.1	28.77	137.3	30.76
	29	68.6	13.27	86.7	17.86	106.0	23.55	114.3	26.12	123.1	28.88	131.1	31.32	137.3	33.22
	31	68.6	15.22	86.7	20.36	106.0	25.87	114.3	28.24	123.1	30.85	131.1	33.40	137.3	35.41
	33	68.6	17.42	86.7	22.21	106.0	27.67	114.3	30.19	123.1	33.08	131.1	35.80	137.3	38.11
	35	68.6	18.87	86.7	23.72	106.0	29.58	114.3	32.39	123.1	35.45	131.1	38.34	137.3	40.76
	37	68.6	20.06	86.7	25.39	106.0	31.75	114.3	34.70	123.1	37.96	131.1	41.16	137.3	43.60
	39	68.6	21.50	86.7	27.17	106.0	34.02	114.3	37.22	123.1	40.82	131.1	44.07	137.3	46.89
	41	68.6	23.08	86.7	29.22	106.0	36.41	114.3	39.81	123.1	43.75	131.1	47.40	137.3	50.46
	43	68.6	24.71	86.7	31.17	106.0	39.02	114.3	42.86	122.9	46.91	128.7	49.76	132.3	51.46
	46	68.6	27.52	86.7	34.70	102.0	41.54	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	68.6	29.42	83.3	35.63	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25
50	10	57.1	7.11	72.1	8.32	88.4	9.82	95.2	10.58	102.7	11.33	109.2	12.19	114.3	12.78
	12	57.1	7.13	72.1	8.44	88.4	9.97	95.2	10.73	102.7	11.59	109.2	12.36	114.3	13.01
	14	57.1	7.22	72.1	8.54	88.4	10.16	95.2	10.90	102.7	11.76	109.2	12.57	114.3	13.28
	16	57.1	7.32	72.1	8.65	88.4	10.31	95.2	11.03	102.7	12.03	109.2	12.81	114.3	13.50
	18	57.1	7.38	72.1	8.79	88.4	10.48	95.2	11.33	102.7	12.38	109.2	13.57	114.3	14.49
	20	57.1	7.48	72.1	8.92	88.4	11.14	95.2	12.29	102.7	13.59	109.2	14.89	114.3	16.05
	21	57.1	7.52	72.1	9.20	88.4	11.73	95.2	12.93	102.7	14.32	109.2	15.72	114.3	16.75
	23	57.1	7.97	72.1	10.09	88.4	12.92	95.2	14.29	102.7	15.92	109.2	17.46	114.3	18.66
	25	57.1	8.70	72.1	11.17	88.4	14.47	95.2	16.00	102.7	17.68	109.2	19.41	114.3	20.83
	27	57.1	9.66	72.1	12.48	88.4	16.17	95.2	17.89	102.7	19.91	109.2	21.82	114.3	23.38
	29	57.1	10.86	72.1	14.18	88.4	18.37	95.2	20.30	102.7	22.57	109.2	24.69	114.3	26.14
	31	57.1	12.36	72.1	16.15	88.4	20.78	95.2	22.84	102.7	24.87	109.2	26.79	114.3	28.26
	33	57.1	14.25	72.1	18.46	88.4	22.52	95.2	24.50	102.7	26.68	109.2	28.62	114.3	30.20
	35	57.1	16.01	72.1	19.70	88.4	24.15	95.2	26.17	102.7	28.55	109.2	30.73	114.3	32.39
	37	57.1	17.14	72.1	21.08	88.4	25.95	95.2	28.11	102.7	30.66	109.2	32.79	114.3	34.70
	39	57.1	18.28	72.1	22.64	88.4	27.79	95.2	30.06	102.7	32.72	109.2	35.18	114.3	37.22
	41	57.1	19.61	72.1	24.22	88.4	29.66	95.2	32.26	102.7	35.05	109.2	37.85	114.3	39.89
	43	57.1	21.07	72.1	25.91	88.4	31.85	95.2	34.61	102.7	37.61	109.2	40.53	114.3	42.91
	46	57.1	23.25	72.1	28.86	88.4	35.47	94.9	38.38	100.0	40.66	103.8	42.26	103.8	42.26
	48	57.1	25.07	72.1	30.80	84.3	36.05	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM700LTE5

Cooling Capacity (70HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	152.9	17.22	193.2	23.58	236.3	32.96	254.8	37.84	274.7	43.82	292.5	49.42	306.2	54.01
	12	152.9	17.59	193.2	24.46	236.3	35.25	254.8	40.69	274.7	46.95	292.5	53.00	306.2	57.88
	14	152.9	18.03	193.2	26.38	236.3	38.06	254.8	43.86	274.7	50.71	292.5	56.99	306.2	62.31
	16	152.9	19.24	193.2	28.75	236.3	41.50	254.8	47.65	274.7	54.91	292.5	61.37	306.2	67.00
	18	152.9	21.15	193.2	31.49	236.3	45.15	254.8	51.77	274.7	59.35	292.5	66.08	306.2	71.68
	20	152.9	23.40	193.2	34.54	236.3	49.31	254.8	56.11	274.7	63.58	292.5	70.75	306.2	76.60
	21	152.9	24.61	193.2	36.25	236.3	51.19	254.8	58.04	274.7	65.63	292.5	73.06	306.2	79.25
	23	152.9	27.17	193.2	39.99	236.3	55.13	254.8	62.06	274.7	70.30	292.5	78.36	306.2	85.12
	25	152.9	30.31	193.2	43.37	236.3	58.97	254.8	66.49	274.7	75.50	292.5	84.30	305.3	91.27
	27	152.9	33.47	193.2	46.58	236.3	63.13	254.8	71.52	274.7	81.31	292.5	91.42	303.9	97.96
	29	152.9	36.18	193.2	49.85	236.3	67.82	254.8	77.04	274.7	87.96	290.9	97.92	300.8	104.38
	31	152.9	38.67	193.2	53.45	236.3	73.07	254.8	83.14	271.9	93.35	286.7	103.30	292.2	106.92
	33	152.9	41.41	193.2	57.27	235.9	78.62	251.2	87.68	264.9	96.42	269.5	99.19	273.0	101.64
	35	152.9	44.45	193.2	61.61	231.9	82.33	240.6	87.79	245.7	90.85	247.4	91.97	247.4	91.97
	37	152.9	47.70	192.3	65.98	217.2	79.55	221.1	81.92	221.1	81.92	221.1	81.92	221.1	81.92
	39	152.9	51.22	188.2	68.66	195.8	72.70	195.8	72.70	195.8	72.70	195.8	72.70	195.8	72.70
	41	151.6	54.39	170.8	63.68	171.3	63.95	171.3	63.95	171.3	63.95	171.3	63.95	171.3	63.95
	43	143.8	54.18	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12
	46	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32
	48	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96
120	10	141.1	15.68	178.3	21.10	218.1	28.52	235.2	32.72	253.7	37.50	269.9	42.32	282.8	46.35
	12	141.1	15.96	178.3	21.69	218.1	30.37	235.2	35.06	253.7	40.33	269.9	45.41	282.8	49.60
	14	141.1	16.31	178.3	22.92	218.1	32.96	235.2	37.81	253.7	43.47	269.9	49.08	282.8	53.56
	16	141.1	17.03	178.3	24.97	218.1	35.80	235.2	41.12	253.7	47.26	269.9	52.99	282.8	57.82
	18	141.1	18.58	178.3	27.43	218.1	39.07	235.2	44.76	253.7	51.20	269.9	57.43	282.8	62.27
	20	141.1	20.52	178.3	30.18	218.1	42.77	235.2	48.91	253.7	55.46	269.9	61.82	282.8	66.62
	21	141.1	21.56	178.3	31.61	218.1	44.73	235.2	50.79	253.7	57.43	269.9	63.91	282.8	68.97
	23	141.1	23.99	178.3	35.00	218.1	48.53	235.2	54.73	253.7	61.62	269.9	68.37	282.8	73.79
	25	141.1	26.70	178.3	38.46	218.1	52.01	235.2	58.51	253.7	66.02	269.9	73.26	282.8	79.34
	27	141.1	29.84	178.3	41.46	218.1	55.77	235.2	62.70	253.7	70.76	269.9	78.74	282.8	85.66
	29	141.1	32.48	178.3	44.47	218.1	59.69	235.2	67.36	253.7	76.32	269.9	85.30	282.8	92.76
	31	141.1	34.87	178.3	47.66	218.1	64.30	235.2	72.58	253.7	82.56	267.9	91.01	278.6	97.66
	33	141.1	37.34	178.3	51.07	218.1	69.14	235.0	78.19	250.3	86.83	263.7	95.70	267.0	97.63
	35	141.1	40.11	178.3	54.77	216.8	73.81	231.0	81.86	240.3	87.64	244.5	90.06	247.4	91.97
	37	141.1	42.91	178.3	58.96	212.5	77.07	216.9	79.41	221.1	81.92	221.1	81.92	221.1	81.92
	39	141.1	46.09	176.2	62.40	194.6	71.99	195.8	72.70	195.8	72.70	195.8	72.70	195.8	72.70
	41	141.1	49.39	167.0	61.74	171.3	63.95	171.3	63.95	171.3	63.95	171.3	63.95	171.3	63.95
	43	138.4	51.79	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12
	46	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32
	48	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96
110	10	129.5	14.21	163.4	18.80	199.9	24.78	215.6	27.88	232.5	31.90	247.4	35.88	259.0	39.14
	12	129.5	14.39	163.4	19.18	199.9	26.04	215.6	29.73	232.5	34.18	247.4	38.54	259.0	42.06
	14	129.5	14.71	163.4	19.88	199.9	28.00	215.6	32.24	232.5	37.07	247.4	41.60	259.0	45.35
	16	129.5	15.12	163.4	21.56	199.9	30.61	215.6	35.10	232.5	40.14	247.4	45.08	259.0	49.24
	18	129.5	16.27	163.4	23.62	199.9	33.50	215.6	38.32	232.5	43.77	247.4	49.11	259.0	53.26
	20	129.5	17.91	163.4	26.10	199.9	36.77	215.6	41.98	232.5	47.81	247.4	53.34	259.0	57.48
	21	129.5	18.85	163.4	27.36	199.9	38.49	215.6	43.90	232.5	49.94	247.4	55.25	259.0	59.71
	23	129.5	20.93	163.4	30.35	199.9	42.34	215.6	47.57	232.5	53.71	247.4	59.24	259.0	63.81
	25	129.5	23.47	163.4	33.50	199.9	45.63	215.6	51.08	232.5	57.37	247.4	63.42	259.0	68.36
	27	129.5	26.19	163.4	36.68	199.9	48.92	215.6	54.69	232.5	61.52	247.4	68.00	259.0	73.49
	29	129.5	28.95	163.4	39.44	199.9	52.33	215.6	58.72	232.5	66.02	247.4	73.19	259.0	79.18
	31	129.5	31.35	163.4	42.21	199.9	56.31	215.6	63.09	232.5	71.23	247.4	78.98	258.9	85.63
	33	129.5	33.60	163.4	45.28	199.9	60.49	215.6	67.84	232.5	76.75	245.1	83.93	254.7	89.86
	35	129.5	36.00	163.4	48.67	199.9	65.08	214.7	72.71	228.7	80.63	238.7	86.67	241.7	88.39
	37	129.5	38.54	163.4	52.15	197.8	68.90	210.8	76.17	216.2	78.99	220.0	81.29	221.1	81.92
	39	129.5	41.27	163.4	56.12	189.9	69.44	193.9	71.58	195.8	72.70	195.8	72.70	195.8	72.70
	41	129.5	44.29	160.3	58.58	171.3	63.95	171.3	63.95	171.3	63.95	171.3	63.95	171.3	63.95
	43	128.8	47.18	146.5	55.39	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12
	46	114.0	45.20	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32
	48	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96

7. Capacity Tables

Cooling Capacity (70HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	117.7	12.85	148.7	16.66	181.7	21.56	196.0	24.07	211.3	27.07	225.0	30.08	235.6	32.74
	12	117.7	13.02	148.7	17.01	181.7	22.28	196.0	25.16	211.3	28.67	225.0	32.25	235.6	35.10
	14	117.7	13.31	148.7	17.40	181.7	23.66	196.0	27.11	211.3	31.09	225.0	34.90	235.6	37.97
	16	117.7	13.48	148.7	18.48	181.7	25.79	196.0	29.60	211.3	33.82	225.0	37.93	235.6	41.23
	18	117.7	14.24	148.7	20.28	181.7	28.31	196.0	32.23	211.3	36.94	225.0	41.30	235.6	44.84
	20	117.7	15.59	148.7	22.32	181.7	31.19	196.0	35.43	211.3	40.46	225.0	45.09	235.6	48.94
	21	117.7	16.37	148.7	23.42	181.7	32.66	196.0	37.26	211.3	42.42	225.0	47.22	235.6	50.99
	23	117.7	18.19	148.7	25.90	181.7	36.07	196.0	40.95	211.3	46.14	225.0	50.95	235.6	54.82
	25	117.7	20.29	148.7	28.99	181.7	39.53	196.0	44.32	211.3	49.60	225.0	54.55	235.6	58.59
	27	117.7	22.74	148.7	32.22	181.7	42.70	196.0	47.51	211.3	53.09	225.0	58.55	235.6	62.82
	29	117.7	25.51	148.7	34.69	181.7	45.60	196.0	50.83	211.3	57.02	225.0	62.66	235.6	67.46
	31	117.7	27.98	148.7	37.21	181.7	48.91	196.0	54.59	211.3	61.03	225.0	67.49	235.6	72.68
	33	117.7	29.92	148.7	39.90	181.7	52.55	196.0	58.55	211.3	65.85	225.0	72.74	235.3	78.22
	35	117.7	32.10	148.7	42.69	181.7	56.36	196.0	62.94	211.2	70.94	222.5	76.91	231.3	82.25
	37	117.7	34.46	148.7	45.92	181.7	60.64	194.6	67.18	207.3	74.05	214.2	78.00	217.0	79.53
	39	117.7	36.91	148.7	49.22	179.0	63.82	188.9	68.93	192.8	71.02	195.8	72.70	195.8	72.70
	41	117.7	39.48	148.1	52.64	167.8	62.13	171.3	63.95	171.3	63.95	171.3	63.95	171.3	63.95
	43	117.7	42.44	142.7	53.61	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12
	46	111.0	43.88	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32
	48	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96
90	10	106.0	11.57	133.7	14.71	163.5	18.80	176.4	20.73	190.1	23.01	202.4	25.26	212.0	27.17
	12	106.0	11.73	133.7	15.01	163.5	19.18	176.4	21.25	190.1	23.82	202.4	26.60	212.0	28.83
	14	106.0	11.88	133.7	15.23	163.5	19.90	176.4	22.58	190.1	25.63	202.4	28.66	212.0	31.26
	16	106.0	12.16	133.7	15.69	163.5	21.57	176.4	24.54	190.1	28.03	202.4	31.30	212.0	33.93
	18	106.0	12.40	133.7	17.14	163.5	23.63	176.4	26.84	190.1	30.63	202.4	34.20	212.0	37.06
	20	106.0	13.54	133.7	18.88	163.5	26.11	176.4	29.62	190.1	33.63	202.4	37.54	212.0	40.76
	21	106.0	14.16	133.7	19.84	163.5	27.37	176.4	31.03	190.1	35.35	202.4	39.40	212.0	42.50
	23	106.0	15.71	133.7	22.01	163.5	30.36	176.4	34.36	190.1	38.94	202.4	43.18	212.0	46.34
	25	106.0	17.53	133.7	24.53	163.5	33.69	176.4	37.84	190.1	42.35	202.4	46.62	212.0	49.88
	27	106.0	19.57	133.7	27.49	163.5	36.83	176.4	40.93	190.1	45.56	202.4	49.89	212.0	53.40
	29	106.0	22.14	133.7	30.24	163.5	39.57	176.4	43.76	190.1	48.79	202.4	53.39	212.0	57.09
	31	106.0	24.70	133.7	32.56	163.5	42.22	176.4	46.91	190.1	52.24	202.4	57.19	212.0	61.35
	33	106.0	26.59	133.7	34.97	163.5	45.41	176.4	50.35	190.1	56.00	202.4	61.50	212.0	66.02
	35	106.0	28.41	133.7	37.39	163.5	48.67	176.4	53.94	190.1	60.25	202.4	66.37	211.8	71.10
	37	106.0	30.53	133.7	40.07	163.5	52.15	176.4	58.01	189.7	64.81	199.9	70.10	207.9	74.44
	39	106.0	32.79	133.7	43.03	163.5	56.15	174.7	61.43	186.0	67.44	190.6	69.82	193.0	71.04
	41	106.0	35.00	133.7	46.16	160.4	58.60	166.5	61.50	170.0	63.28	171.3	63.95	171.3	63.95
	43	106.0	37.67	132.3	48.86	146.6	55.39	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12
	46	104.3	41.06	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32
	48	92.9	38.86	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96
80	10	94.1	10.40	119.0	13.00	145.3	16.21	156.8	17.78	169.1	19.60	179.9	21.35	188.4	22.75
	12	94.1	10.54	119.0	13.19	145.3	16.51	156.8	18.09	169.1	20.03	179.9	21.92	188.4	23.47
	14	94.1	10.68	119.0	13.41	145.3	16.92	156.8	18.66	169.1	20.93	179.9	23.37	188.4	25.25
	16	94.1	10.82	119.0	13.67	145.3	17.86	156.8	20.05	169.1	22.87	179.9	25.41	188.4	27.52
	18	94.1	11.08	119.0	14.44	145.3	19.51	156.8	22.12	169.1	25.00	179.9	27.78	188.4	30.15
	20	94.1	11.67	119.0	15.85	145.3	21.49	156.8	24.34	169.1	27.59	179.9	30.56	188.4	33.19
	21	94.1	12.14	119.0	16.59	145.3	22.64	156.8	25.56	169.1	28.96	179.9	32.18	188.4	34.77
	23	94.1	13.45	119.0	18.49	145.3	25.04	156.8	28.38	169.1	32.09	179.9	35.45	188.4	38.29
	25	94.1	14.89	119.0	20.57	145.3	27.97	156.8	31.43	169.1	35.52	179.9	39.11	188.4	41.82
	27	94.1	16.74	119.0	23.08	145.3	31.17	156.8	34.58	169.1	38.53	179.9	41.99	188.4	44.85
	29	94.1	18.92	119.0	25.89	145.3	33.77	156.8	37.29	169.1	41.28	179.9	45.05	188.4	48.05
	31	94.1	21.35	119.0	28.30	145.3	36.14	156.8	40.05	169.1	44.30	179.9	48.14	188.4	51.55
	33	94.1	23.34	119.0	30.24	145.3	38.91	156.8	42.85	169.1	47.35	179.9	51.86	188.4	55.18
	35	94.1	25.11	119.0	32.43	145.3	41.64	156.8	46.02	169.1	50.95	179.9	55.60	188.4	59.38
	37	94.1	26.90	119.0	34.81	145.3	44.70	156.8	49.30	169.1	54.64	179.9	59.75	188.3	64.07
	39	94.1	28.75	119.0	37.27	145.3	47.98	156.8	52.93	168.6	58.52	177.6	62.94	184.6	66.64
	41	94.1	30.87	119.0	40.11	145.3	51.37	154.8	55.77	164.6	60.54	167.4	61.88	169.6	63.02
	43	94.1	33.17	119.0	42.92	141.9	53.27	144.8	54.65	147.9	56.12	147.9	56.12	147.9	56.12
	46	94.1	36.73	111.3	43.99	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32
	48	89.9	37.63	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96

7. Capacity Tables

Cooling Capacity (70HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	82.3	9.35	103.9	11.35	127.3	13.96	137.2	15.16	148.0	16.56	157.5	17.91	164.9	18.98
	12	82.3	9.48	103.9	11.49	127.3	14.21	137.2	15.50	148.0	16.87	157.5	18.29	164.9	19.37
	14	82.3	9.56	103.9	11.73	127.3	14.39	137.2	15.71	148.0	17.29	157.5	18.81	164.9	20.18
	16	82.3	9.69	103.9	11.88	127.3	14.80	137.2	16.36	148.0	18.32	157.5	20.20	164.9	21.85
	18	82.3	9.80	103.9	12.24	127.3	15.92	137.2	17.81	148.0	20.04	157.5	22.19	164.9	23.93
	20	82.3	10.07	103.9	13.20	127.3	17.48	137.2	19.65	148.0	22.11	157.5	24.40	164.9	26.43
	21	82.3	10.48	103.9	13.85	127.3	18.35	137.2	20.65	148.0	23.23	157.5	25.76	164.9	27.75
	23	82.3	11.47	103.9	15.30	127.3	20.37	137.2	22.92	148.0	25.83	157.5	28.48	164.9	30.75
	25	82.3	12.67	103.9	17.08	127.3	22.87	137.2	25.62	148.0	28.68	157.5	31.74	164.9	34.07
	27	82.3	14.09	103.9	19.14	127.3	25.57	137.2	28.57	148.0	31.91	157.5	34.87	164.9	37.19
	29	82.3	15.95	103.9	21.66	127.3	28.40	137.2	31.39	148.0	34.63	157.5	37.56	164.9	39.93
	31	82.3	18.10	103.9	24.20	127.3	30.71	137.2	33.59	148.0	37.05	157.5	40.14	164.9	42.73
	33	82.3	20.37	103.9	26.08	127.3	32.93	137.2	36.01	148.0	39.70	157.5	43.12	164.9	45.82
	35	82.3	21.87	103.9	27.88	127.3	35.33	137.2	38.69	148.0	42.63	157.5	46.06	164.9	49.14
	37	82.3	23.46	103.9	29.96	127.3	37.81	137.2	41.42	148.0	45.56	157.5	49.67	164.9	52.86
	39	82.3	25.05	103.9	32.14	127.3	40.49	137.2	44.47	148.0	48.88	157.5	53.23	164.9	56.67
	41	82.3	26.86	103.9	34.32	127.3	43.49	137.2	47.81	147.5	52.38	155.4	56.11	161.5	59.01
	43	82.3	28.91	103.9	36.95	127.0	46.49	135.2	50.16	142.5	53.60	145.0	54.66	146.9	55.62
	46	82.3	32.16	102.6	40.42	113.4	44.97	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32
	48	81.7	34.21	92.4	38.66	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96
60	10	70.7	8.36	89.2	9.93	109.1	11.88	117.6	12.85	126.7	13.89	135.0	14.88	141.3	15.68
	12	70.7	8.48	89.2	10.06	109.1	12.01	117.6	13.00	126.7	14.11	135.0	15.16	141.3	16.00
	14	70.7	8.58	89.2	10.21	109.1	12.30	117.6	13.31	126.7	14.39	135.0	15.40	141.3	16.31
	16	70.7	8.66	89.2	10.32	109.1	12.47	117.6	13.48	126.7	14.76	135.0	15.94	141.3	17.13
	18	70.7	8.77	89.2	10.54	109.1	12.91	117.6	14.24	126.7	15.80	135.0	17.37	141.3	18.58
	20	70.7	8.88	89.2	10.96	109.1	14.03	117.6	15.59	126.7	17.42	135.0	19.13	141.3	20.64
	21	70.7	9.00	89.2	11.42	109.1	14.78	117.6	16.35	126.7	18.32	135.0	20.12	141.3	21.69
	23	70.7	9.70	89.2	12.62	109.1	16.39	117.6	18.19	126.7	20.34	135.0	22.29	141.3	24.02
	25	70.7	10.65	89.2	13.96	109.1	18.21	117.6	20.29	126.7	22.62	135.0	24.99	141.3	26.72
	27	70.7	11.81	89.2	15.55	109.1	20.39	117.6	22.74	126.7	25.35	135.0	27.89	141.3	29.84
	29	70.7	13.27	89.2	17.61	109.1	23.01	117.6	25.51	126.7	28.27	135.0	30.75	141.3	32.63
	31	70.7	15.15	89.2	20.04	109.1	25.59	117.6	27.98	126.7	30.50	135.0	32.92	141.3	34.89
	33	70.7	17.31	89.2	22.17	109.1	27.50	117.6	29.92	126.7	32.71	135.0	35.32	141.3	37.51
	35	70.7	18.98	89.2	23.75	109.1	29.40	117.6	32.10	126.7	35.06	135.0	37.82	141.3	40.14
	37	70.7	20.24	89.2	25.42	109.1	31.56	117.6	34.46	126.7	37.56	135.0	40.61	141.3	42.94
	39	70.7	21.66	89.2	27.25	109.1	33.81	117.6	36.91	126.7	40.41	135.0	43.43	141.3	46.11
	41	70.7	23.29	89.2	29.29	109.1	36.25	117.6	39.48	126.7	43.24	135.0	46.64	141.3	49.47
	43	70.7	24.91	89.2	31.30	109.1	38.86	117.6	42.44	126.5	46.28	133.4	49.43	138.6	51.80
	46	70.7	27.80	89.2	34.78	106.9	42.23	110.9	43.88	113.3	44.87	114.3	45.32	114.3	45.32
	48	70.7	29.78	87.4	36.52	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96
50	10	58.8	7.54	74.2	8.69	91.0	10.08	98.0	10.80	105.7	11.49	112.4	12.30	117.7	12.85
	12	58.8	7.54	74.2	8.77	91.0	10.21	98.0	10.95	105.7	11.73	112.4	12.45	117.7	13.02
	14	58.8	7.64	74.2	8.88	91.0	10.40	98.0	11.10	105.7	11.88	112.4	12.63	117.7	13.31
	16	58.8	7.72	74.2	8.99	91.0	10.54	98.0	11.21	105.7	12.12	112.4	12.85	117.7	13.50
	18	58.8	7.77	74.2	9.12	91.0	10.68	98.0	11.49	105.7	12.40	112.4	13.46	117.7	14.24
	20	58.8	7.87	74.2	9.26	91.0	11.16	98.0	12.22	105.7	13.44	112.4	14.66	117.7	15.72
	21	58.8	7.91	74.2	9.42	91.0	11.73	98.0	12.85	105.7	14.16	112.4	15.44	117.7	16.37
	23	58.8	8.26	74.2	10.22	91.0	12.86	98.0	14.14	105.7	15.67	112.4	17.13	117.7	18.24
	25	58.8	8.90	74.2	11.26	91.0	14.34	98.0	15.75	105.7	17.36	112.4	18.97	117.7	20.34
	27	58.8	9.82	74.2	12.51	91.0	15.96	98.0	17.62	105.7	19.53	112.4	21.31	117.7	22.77
	29	58.8	10.96	74.2	14.14	91.0	18.10	98.0	19.90	105.7	22.05	112.4	24.09	117.7	25.53
	31	58.8	12.38	74.2	16.04	91.0	20.43	98.0	22.52	105.7	24.57	112.4	26.56	117.7	28.01
	33	58.8	14.20	74.2	18.38	91.0	22.52	98.0	24.44	105.7	26.55	112.4	28.41	117.7	29.92
	35	58.8	16.11	74.2	19.77	91.0	24.11	98.0	26.08	105.7	28.41	112.4	30.51	117.7	32.11
	37	58.8	17.29	74.2	21.23	91.0	25.95	98.0	28.05	105.7	30.50	112.4	32.56	117.7	34.46
	39	58.8	18.51	74.2	22.77	91.0	27.79	98.0	30.00	105.7	32.55	112.4	35.00	117.7	36.91
	41	58.8	19.87	74.2	24.41	91.0	29.71	98.0	32.26	105.7	34.94	112.4	37.59	117.7	39.57
	43	58.8	21.39	74.2	26.16	91.0	31.90	98.0	34.55	105.7	37.43	112.4	40.26	117.7	42.50
	46	58.8	23.64	74.2	29.13	91.0	35.54	97.7	38.32	104.1	41.03	109.6	43.35	111.0	43.89
	48	58.8	25.54	74.2	31.15	88.9	37.13	90.9	38.04	92.9	38.86	93.1	38.96	93.1	38.96

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM720LTE5

Cooling Capacity (72HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	157.3	17.90	198.7	24.70	243.0	34.93	262.1	40.24	282.6	46.58	300.9	52.53	315.0	57.45
	12	157.3	18.29	198.7	25.66	243.0	37.41	262.1	43.20	282.6	49.84	300.9	56.35	315.0	61.58
	14	157.3	18.78	198.7	28.01	243.0	40.41	262.1	46.58	282.6	53.84	300.9	60.54	315.0	66.25
	16	157.3	20.29	198.7	30.41	243.0	44.07	262.1	50.61	282.6	58.34	300.9	65.26	315.0	71.26
	18	157.3	22.28	198.7	33.33	243.0	47.89	262.1	55.03	282.6	63.09	300.9	70.04	315.0	75.86
	20	157.3	24.68	198.7	36.59	243.0	52.35	262.1	59.45	282.6	67.11	300.9	74.75	315.0	81.01
	21	157.3	25.95	198.7	38.30	243.0	54.16	262.1	61.35	282.6	69.26	300.9	77.16	315.0	83.89
	23	157.3	28.62	198.7	42.37	243.0	58.06	262.1	65.41	282.6	74.14	300.9	82.91	315.0	90.17
	25	157.3	31.96	198.7	45.64	243.0	62.05	262.1	70.12	282.6	79.77	300.9	89.26	314.1	96.90
	27	157.3	35.28	198.7	48.92	243.0	66.56	262.1	75.56	282.6	85.97	300.9	96.98	312.7	104.27
	29	157.3	37.83	198.7	52.39	243.0	71.46	262.1	81.45	282.6	93.19	299.3	104.28	308.9	111.00
	31	157.3	40.48	198.7	56.13	243.0	77.15	262.1	87.98	279.8	99.24	295.1	110.49	298.1	112.71
	33	157.3	43.30	198.7	60.10	242.6	83.09	258.5	93.14	271.4	102.17	271.4	102.17	271.4	102.17
	35	157.3	46.53	198.7	64.70	238.6	87.38	244.6	91.61	244.6	91.61	244.6	91.61	244.6	91.61
	37	157.3	49.97	197.8	69.48	218.5	81.57	218.5	81.57	218.5	81.57	218.5	81.57	218.5	81.57
	39	157.3	53.61	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37
	41	156.0	57.03	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63
	43	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82
	46	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88
120	10	145.1	16.28	183.3	22.04	224.3	29.95	241.9	34.60	261.0	39.88	277.6	45.03	290.9	49.27
	12	145.1	16.61	183.3	22.64	224.3	32.24	241.9	37.29	261.0	42.83	277.6	48.24	290.9	52.66
	14	145.1	16.97	183.3	24.16	224.3	34.97	241.9	40.08	261.0	46.18	277.6	52.15	290.9	56.89
	16	145.1	17.77	183.3	26.37	224.3	38.00	241.9	43.67	261.0	50.21	277.6	56.26	290.9	61.46
	18	145.1	19.55	183.3	28.99	224.3	41.42	241.9	47.48	261.0	54.36	277.6	61.02	290.9	66.11
	20	145.1	21.58	183.3	31.91	224.3	45.29	241.9	51.93	261.0	58.72	277.6	65.35	290.9	70.28
	21	145.1	22.67	183.3	33.41	224.3	47.43	241.9	53.76	261.0	60.65	277.6	67.40	290.9	72.82
	23	145.1	25.26	183.3	36.96	224.3	51.26	241.9	57.65	261.0	64.96	277.6	72.13	290.9	77.95
	25	145.1	28.08	183.3	40.61	224.3	54.61	241.9	61.58	261.0	69.62	277.6	77.34	290.9	83.88
	27	145.1	31.43	183.3	43.42	224.3	58.67	241.9	66.11	261.0	74.68	277.6	83.28	290.9	90.73
	29	145.1	33.90	183.3	46.59	224.3	62.75	241.9	70.98	261.0	80.60	277.6	90.30	290.9	98.45
	31	145.1	36.34	183.3	49.98	224.3	67.73	241.9	76.64	261.0	87.36	275.6	96.75	286.7	104.19
	33	145.1	38.96	183.3	53.60	224.3	72.89	241.7	82.64	257.6	92.24	271.4	102.17	271.4	102.17
	35	145.1	41.90	183.3	57.43	223.0	77.93	237.7	86.87	244.6	91.61	244.6	91.61	244.6	91.61
	37	145.1	44.79	183.3	61.88	218.5	81.57	218.5	81.57	218.5	81.57	218.5	81.57	218.5	81.57
	39	145.1	48.15	181.2	65.71	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37
	41	145.1	51.65	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63
	43	142.4	54.29	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82
	46	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88
110	10	133.2	14.74	168.1	19.63	205.6	25.93	221.8	29.24	239.1	33.65	254.5	38.10	266.4	41.66
	12	133.2	14.91	168.1	20.02	205.6	27.44	221.8	31.54	239.1	36.31	254.5	40.97	266.4	44.69
	14	133.2	15.24	168.1	20.77	205.6	29.69	221.8	34.23	239.1	39.31	254.5	44.16	266.4	48.12
	16	133.2	15.71	168.1	22.76	205.6	32.41	221.8	37.27	239.1	42.58	254.5	47.79	266.4	52.27
	18	133.2	17.04	168.1	24.90	205.6	35.49	221.8	40.64	239.1	46.39	254.5	52.10	266.4	56.50
	20	133.2	18.81	168.1	27.56	205.6	38.91	221.8	44.47	239.1	50.71	254.5	56.59	266.4	60.82
	21	133.2	19.79	168.1	28.87	205.6	40.70	221.8	46.57	239.1	52.91	254.5	58.47	266.4	63.03
	23	133.2	21.97	168.1	32.06	205.6	44.82	221.8	50.22	239.1	56.51	254.5	62.40	266.4	67.22
	25	133.2	24.67	168.1	35.36	205.6	47.87	221.8	53.72	239.1	60.40	254.5	66.84	266.4	72.06
	27	133.2	27.57	168.1	38.46	205.6	51.34	221.8	57.46	239.1	64.80	254.5	71.71	266.4	77.61
	29	133.2	30.37	168.1	41.33	205.6	54.96	221.8	61.74	239.1	69.59	254.5	77.33	266.4	83.69
	31	133.2	32.66	168.1	44.20	205.6	59.18	221.8	66.38	239.1	75.13	254.5	83.52	266.3	90.69
	33	133.2	35.05	168.1	47.45	205.6	63.61	221.8	71.43	239.1	81.13	252.2	88.94	262.1	95.57
	35	133.2	37.52	168.1	50.96	205.6	68.50	220.9	76.67	235.3	85.46	244.6	91.61	244.6	91.61
	37	133.2	40.22	168.1	54.66	203.5	72.75	217.0	80.64	218.5	81.57	218.5	81.57	218.5	81.57
	39	133.2	43.03	168.1	58.86	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37
	41	133.2	46.23	165.0	61.59	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63
	43	132.5	49.31	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82
	46	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88

7. Capacity Tables

Cooling Capacity (72HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	121.0	13.30	153.0	17.33	186.9	22.51	201.6	25.20	217.4	28.40	231.5	31.66	242.3	34.63
	12	121.0	13.47	153.0	17.69	186.9	23.30	201.6	26.48	217.4	30.32	231.5	34.24	242.3	37.33
	14	121.0	13.77	153.0	18.13	186.9	25.03	201.6	28.70	217.4	32.97	231.5	37.05	242.3	40.32
	16	121.0	13.94	153.0	19.45	186.9	27.28	201.6	31.36	217.4	35.88	231.5	40.22	242.3	43.71
	18	121.0	14.89	153.0	21.37	186.9	29.97	201.6	34.10	217.4	39.14	231.5	43.81	242.3	47.57
	20	121.0	16.30	153.0	23.51	186.9	32.97	201.6	37.44	217.4	42.89	231.5	47.79	242.3	51.96
	21	121.0	17.17	153.0	24.71	186.9	34.51	201.6	39.43	217.4	44.94	231.5	50.04	242.3	54.04
	23	121.0	19.06	153.0	27.30	186.9	38.14	201.6	43.30	217.4	48.72	231.5	53.68	242.3	57.74
	25	121.0	21.31	153.0	30.53	186.9	41.67	201.6	46.65	217.4	52.11	231.5	57.39	242.3	61.65
	27	121.0	23.87	153.0	33.97	186.9	44.76	201.6	49.81	217.4	55.81	231.5	61.63	242.3	66.15
	29	121.0	26.76	153.0	36.23	186.9	47.76	201.6	53.32	217.4	59.98	231.5	65.92	242.3	71.08
	31	121.0	29.13	153.0	38.82	186.9	51.27	201.6	57.40	217.4	64.15	231.5	71.14	242.3	76.74
	33	121.0	31.13	153.0	41.75	186.9	55.21	201.6	61.51	217.4	69.37	231.5	76.83	242.0	82.67
	35	121.0	33.45	153.0	44.64	186.9	59.18	201.6	66.18	217.3	74.90	229.0	81.41	238.0	87.29
	37	121.0	35.88	153.0	47.97	186.9	63.71	200.2	70.74	213.4	78.39	218.5	81.57	218.5	81.57
	39	121.0	38.47	153.0	51.47	184.2	67.30	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37
	41	121.0	41.12	152.4	55.20	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63
	43	121.0	44.25	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82
	46	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88
90	10	109.1	11.95	137.5	15.24	168.1	19.63	181.4	21.65	195.5	24.06	208.1	26.42	218.1	28.44
	12	109.1	12.11	137.5	15.60	168.1	20.02	181.4	22.19	195.5	24.94	208.1	28.05	218.1	30.56
	14	109.1	12.26	137.5	15.77	168.1	20.80	181.4	23.83	195.5	27.17	208.1	30.38	218.1	33.21
	16	109.1	12.55	137.5	16.29	168.1	22.76	181.4	25.97	195.5	29.72	208.1	33.12	218.1	35.92
	18	109.1	12.79	137.5	17.99	168.1	24.91	181.4	28.37	195.5	32.38	208.1	36.22	218.1	39.26
	20	109.1	14.16	137.5	19.87	168.1	27.56	181.4	31.28	195.5	35.57	208.1	39.71	218.1	43.20
	21	109.1	14.77	137.5	20.88	168.1	28.88	181.4	32.75	195.5	37.44	208.1	41.72	218.1	45.04
	23	109.1	16.44	137.5	23.14	168.1	32.06	181.4	36.29	195.5	41.20	208.1	45.69	218.1	49.00
	25	109.1	18.39	137.5	25.77	168.1	35.62	181.4	39.92	195.5	44.55	208.1	48.96	218.1	52.48
	27	109.1	20.47	137.5	28.92	168.1	38.67	181.4	42.94	195.5	47.79	208.1	52.42	218.1	56.13
	29	109.1	23.14	137.5	31.64	168.1	41.40	181.4	45.86	195.5	51.22	208.1	56.13	218.1	60.06
	31	109.1	25.82	137.5	33.97	168.1	44.21	181.4	49.21	195.5	54.88	208.1	60.09	218.1	64.58
	33	109.1	27.64	137.5	36.45	168.1	47.50	181.4	52.77	195.5	58.78	208.1	64.66	218.1	69.45
	35	109.1	29.52	137.5	39.02	168.1	50.96	181.4	56.58	195.5	63.30	208.1	69.93	217.9	74.96
	37	109.1	31.77	137.5	41.79	168.1	54.66	181.4	60.90	195.1	68.25	205.6	74.01	214.0	78.81
	39	109.1	34.09	137.5	44.92	168.1	58.90	179.7	64.60	191.4	71.11	193.5	72.37	193.5	72.37
	41	109.1	36.36	137.5	48.24	165.0	61.62	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63
	43	109.1	39.18	136.1	51.05	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82
	46	107.4	42.77	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88
80	10	96.8	10.72	122.4	13.45	149.4	16.82	161.3	18.48	173.9	20.45	185.0	22.30	193.7	23.78
	12	96.8	10.86	122.4	13.65	149.4	17.18	161.3	18.84	173.9	20.89	185.0	22.88	193.7	24.52
	14	96.8	11.00	122.4	13.91	149.4	17.59	161.3	19.43	173.9	21.93	185.0	24.70	193.7	26.77
	16	96.8	11.14	122.4	14.14	149.4	18.72	161.3	21.13	173.9	24.18	185.0	26.88	193.7	29.14
	18	96.8	11.41	122.4	15.11	149.4	20.57	161.3	23.34	173.9	26.40	185.0	29.35	193.7	31.94
	20	96.8	12.12	122.4	16.56	149.4	22.64	161.3	25.66	173.9	29.16	185.0	32.31	193.7	35.12
	21	96.8	12.63	122.4	17.39	149.4	23.84	161.3	26.94	173.9	30.59	185.0	34.07	193.7	36.76
	23	96.8	14.04	122.4	19.38	149.4	26.35	161.3	29.94	173.9	33.93	185.0	37.43	193.7	40.45
	25	96.8	15.55	122.4	21.60	149.4	29.47	161.3	33.13	173.9	37.53	185.0	41.26	193.7	44.10
	27	96.8	17.48	122.4	24.23	149.4	32.88	161.3	36.38	173.9	40.42	185.0	44.03	193.7	47.06
	29	96.8	19.81	122.4	27.15	149.4	35.21	161.3	38.97	173.9	43.23	185.0	47.27	193.7	50.45
	31	96.8	22.28	122.4	29.46	149.4	37.72	161.3	41.90	173.9	46.43	185.0	50.47	193.7	54.08
	33	96.8	24.19	122.4	31.46	149.4	40.66	161.3	44.79	173.9	49.59	185.0	54.41	193.7	57.94
	35	96.8	26.07	122.4	33.78	149.4	43.47	161.3	48.15	173.9	53.40	185.0	58.30	193.7	62.39
	37	96.8	27.92	122.4	36.24	149.4	46.71	161.3	51.62	173.9	57.32	185.0	62.79	193.6	67.47
	39	96.8	29.81	122.4	38.84	149.4	50.19	161.3	55.39	173.4	61.45	182.7	66.19	189.9	70.27
	41	96.8	32.06	122.4	41.85	149.4	53.79	159.3	58.56	169.2	63.63	169.2	63.63	169.2	63.63
	43	96.8	34.41	122.4	44.74	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82
	46	96.8	38.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88

7. Capacity Tables

Cooling Capacity (72HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	84.6	9.57	106.9	11.68	131.0	14.44	141.1	15.74	152.3	17.18	162.0	18.66	169.6	19.81
	12	84.6	9.71	106.9	11.83	131.0	14.74	141.1	16.10	152.3	17.54	162.0	19.05	169.6	20.21
	14	84.6	9.82	106.9	12.11	131.0	14.91	141.1	16.31	152.3	17.97	162.0	19.58	169.6	21.10
	16	84.6	9.96	106.9	12.26	131.0	15.33	141.1	17.04	152.3	19.23	162.0	21.34	169.6	23.06
	18	84.6	10.07	106.9	12.63	131.0	16.72	141.1	18.75	152.3	21.12	162.0	23.41	169.6	25.23
	20	84.6	10.37	106.9	13.76	131.0	18.31	141.1	20.67	152.3	23.29	162.0	25.73	169.6	27.89
	21	84.6	10.85	106.9	14.49	131.0	19.28	141.1	21.72	152.3	24.46	162.0	27.20	169.6	29.28
	23	84.6	11.90	106.9	15.96	131.0	21.39	141.1	24.09	152.3	27.23	162.0	30.05	169.6	32.47
	25	84.6	13.16	106.9	17.88	131.0	24.05	141.1	26.97	152.3	30.21	162.0	33.45	169.6	36.01
	27	84.6	14.64	106.9	20.07	131.0	26.87	141.1	30.05	152.3	33.65	162.0	36.67	169.6	39.03
	29	84.6	16.63	106.9	22.70	131.0	29.76	141.1	32.84	152.3	36.16	162.0	39.25	169.6	41.77
	31	84.6	18.86	106.9	25.28	131.0	32.00	141.1	35.03	152.3	38.74	162.0	41.99	169.6	44.66
	33	84.6	21.10	106.9	27.06	131.0	34.36	141.1	37.53	152.3	41.47	162.0	45.15	169.6	47.93
	35	84.6	22.63	106.9	28.91	131.0	36.83	141.1	40.44	152.3	44.57	162.0	48.19	169.6	51.45
	37	84.6	24.26	106.9	31.12	131.0	39.46	141.1	43.25	152.3	47.60	162.0	52.01	169.6	55.47
	39	84.6	25.96	106.9	33.43	131.0	42.23	141.1	46.49	152.3	51.12	162.0	55.79	169.6	59.44
	41	84.6	27.82	106.9	35.67	131.0	45.40	141.1	49.93	151.8	54.84	159.9	58.92	166.2	62.04
	43	84.6	29.99	106.9	38.45	130.7	48.59	139.1	52.49	146.0	55.82	146.0	55.82	146.0	55.82
	46	84.6	33.32	105.6	42.11	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	84.0	35.49	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88
60	10	72.7	8.53	91.8	10.21	112.3	12.26	121.0	13.30	130.3	14.41	138.9	15.42	145.4	16.28
	12	72.7	8.67	91.8	10.33	112.3	12.40	121.0	13.45	130.3	14.59	138.9	15.74	145.4	16.61
	14	72.7	8.77	91.8	10.49	112.3	12.69	121.0	13.77	130.3	14.91	138.9	15.95	145.4	16.97
	16	72.7	8.88	91.8	10.60	112.3	12.86	121.0	13.94	130.3	15.33	138.9	16.57	145.4	17.92
	18	72.7	8.99	91.8	10.86	112.3	13.40	121.0	14.89	130.3	16.56	138.9	18.24	145.4	19.55
	20	72.7	9.10	91.8	11.37	112.3	14.67	121.0	16.30	130.3	18.30	138.9	20.13	145.4	21.76
	21	72.7	9.25	91.8	11.83	112.3	15.46	121.0	17.14	130.3	19.24	138.9	21.17	145.4	22.85
	23	72.7	10.01	91.8	13.13	112.3	17.20	121.0	19.06	130.3	21.35	138.9	23.43	145.4	25.29
	25	72.7	11.02	91.8	14.54	112.3	19.05	121.0	21.31	130.3	23.79	138.9	26.31	145.4	28.11
	27	72.7	12.24	91.8	16.20	112.3	21.38	121.0	23.87	130.3	26.63	138.9	29.34	145.4	31.43
	29	72.7	13.76	91.8	18.39	112.3	24.11	121.0	26.76	130.3	29.71	138.9	32.22	145.4	34.12
	31	72.7	15.76	91.8	20.92	112.3	26.69	121.0	29.13	130.3	31.72	138.9	34.34	145.4	36.37
	33	72.7	18.00	91.8	22.99	112.3	28.58	121.0	31.13	130.3	34.07	138.9	36.81	145.4	39.21
	35	72.7	19.61	91.8	24.62	112.3	30.54	121.0	33.45	130.3	36.55	138.9	39.47	145.4	41.93
	37	72.7	20.85	91.8	26.33	112.3	32.83	121.0	35.88	130.3	39.13	138.9	42.43	145.4	44.82
	39	72.7	22.37	91.8	28.21	112.3	35.22	121.0	38.47	130.3	42.14	138.9	45.33	145.4	48.18
	41	72.7	24.04	91.8	30.38	112.3	37.73	121.0	41.12	130.3	45.07	138.9	48.73	145.4	51.74
	43	72.7	25.77	91.8	32.43	112.3	40.40	121.0	44.25	130.1	48.29	137.3	51.74	142.7	54.29
	46	72.7	28.78	91.8	36.15	110.1	44.06	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	72.7	30.81	90.0	37.95	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88
50	10	60.5	7.68	76.3	8.88	93.6	10.35	100.8	11.12	108.7	11.83	115.6	12.69	121.0	13.30
	12	60.5	7.68	76.3	8.99	93.6	10.49	100.8	11.28	108.7	12.11	115.6	12.84	121.0	13.47
	14	60.5	7.78	76.3	9.10	93.6	10.72	100.8	11.43	108.7	12.26	115.6	13.04	121.0	13.77
	16	60.5	7.89	76.3	9.21	93.6	10.86	100.8	11.54	108.7	12.55	115.6	13.30	121.0	13.96
	18	60.5	7.91	76.3	9.35	93.6	11.00	100.8	11.86	108.7	12.79	115.6	13.99	121.0	14.89
	20	60.5	8.02	76.3	9.48	93.6	11.58	100.8	12.74	108.7	14.01	115.6	15.32	121.0	16.48
	21	60.5	8.08	76.3	9.69	93.6	12.19	100.8	13.40	108.7	14.77	115.6	16.15	121.0	17.17
	23	60.5	8.45	76.3	10.56	93.6	13.38	100.8	14.76	108.7	16.40	115.6	17.96	121.0	19.12
	25	60.5	9.17	76.3	11.66	93.6	14.98	100.8	16.50	108.7	18.17	115.6	19.89	121.0	21.31
	27	60.5	10.14	76.3	12.96	93.6	16.68	100.8	18.39	108.7	20.43	115.6	22.33	121.0	23.90
	29	60.5	11.33	76.3	14.71	93.6	18.90	100.8	20.83	108.7	23.11	115.6	25.28	121.0	26.79
	31	60.5	12.85	76.3	16.67	93.6	21.33	100.8	23.55	108.7	25.64	115.6	27.64	121.0	29.16
	33	60.5	14.74	76.3	19.16	93.6	23.28	100.8	25.31	108.7	27.60	115.6	29.52	121.0	31.13
	35	60.5	16.61	76.3	20.42	93.6	24.99	100.8	27.06	108.7	29.52	115.6	31.74	121.0	33.45
	37	60.5	17.84	76.3	21.93	93.6	26.94	100.8	29.16	108.7	31.74	115.6	33.85	121.0	35.88
	39	60.5	19.04	76.3	23.57	93.6	28.83	100.8	31.16	108.7	33.85	115.6	36.36	121.0	38.47
	41	60.5	20.49	76.3	25.24	93.6	30.80	100.8	33.48	108.7	36.31	115.6	39.18	121.0	41.21
	43	60.5	22.04	76.3	27.04	93.6	33.12	100.8	35.91	108.7	38.94	115.6	41.92	121.0	44.30
	46	60.5	24.33	76.3	30.15	93.6	36.92	100.5	39.86	107.1	42.74	112.8	45.14	112.8	45.14
	48	60.5	26.34	76.3	32.20	91.5	38.58	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM740LTE5

Cooling Capacity (74HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	161.7	18.37	204.2	25.50	249.8	35.77	269.4	41.28	290.4	47.80	309.3	53.92	323.7	58.94
	12	161.7	18.81	204.2	26.20	249.8	38.24	269.4	44.19	290.4	50.98	309.3	57.62	323.2	62.65
	14	161.7	19.18	204.2	28.51	249.8	41.21	269.4	47.47	290.4	54.88	309.3	61.65	322.5	66.95
	16	161.7	20.58	204.2	30.92	249.8	44.79	269.4	51.43	290.4	59.35	309.3	66.56	321.7	71.76
	18	161.7	22.57	204.2	33.85	249.8	48.60	269.4	55.96	290.4	64.35	309.0	71.43	320.8	76.20
	20	161.7	25.03	204.2	37.11	249.8	53.26	269.4	60.69	290.4	68.54	308.1	75.69	319.8	80.70
	21	161.7	26.28	204.2	38.82	249.8	55.23	269.4	62.66	290.4	70.66	307.6	77.76	319.3	83.25
	23	161.7	29.02	204.2	43.10	249.8	59.29	269.4	66.67	290.4	75.47	306.5	82.84	318.2	88.68
	25	161.7	32.39	204.2	46.67	249.8	63.20	269.4	71.35	290.2	80.82	305.4	88.37	317.0	94.99
	27	161.7	36.06	204.2	49.95	249.8	67.73	269.4	76.67	289.0	86.26	304.1	95.07	315.7	102.25
	29	161.7	38.72	204.2	53.41	249.8	72.61	269.4	82.57	287.7	92.55	302.8	102.46	312.3	109.16
	31	161.7	41.37	204.2	57.14	249.8	78.26	269.4	89.04	286.4	99.80	301.5	111.02	304.3	113.21
	33	161.7	44.19	204.2	61.16	249.8	84.44	268.1	96.04	280.8	105.03	280.5	104.99	280.5	104.99
	35	161.7	47.42	204.2	65.75	249.8	91.63	256.8	96.62	256.7	96.61	256.7	96.61	256.7	96.61
	37	161.7	50.86	204.2	70.98	233.1	88.50	233.1	88.50	233.1	88.50	233.1	88.50	233.1	88.50
	39	161.7	54.50	203.6	76.37	206.5	78.27	206.5	78.27	206.5	78.27	206.5	78.27	206.5	78.27
	41	161.7	58.75	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64
	43	155.1	59.49	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89
	46	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17
	48	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28
120	10	149.1	16.69	188.4	22.74	230.5	30.77	248.6	35.45	268.2	40.92	285.3	46.25	298.9	50.55
	12	149.1	17.02	188.4	23.22	230.5	32.91	248.6	38.12	268.2	43.82	285.3	49.33	298.9	53.84
	14	149.1	17.42	188.4	24.57	230.5	35.63	248.6	40.87	268.2	47.07	285.3	53.16	298.9	57.92
	16	149.1	18.00	188.4	26.79	230.5	38.64	248.6	44.39	268.2	51.03	285.3	57.19	298.9	62.57
	18	149.1	19.79	188.4	29.38	230.5	42.04	248.6	48.20	268.2	55.28	285.3	62.18	298.9	67.49
	20	149.1	21.82	188.4	32.32	230.5	45.94	248.6	52.82	268.2	59.95	285.3	66.74	298.9	71.73
	21	149.1	22.96	188.4	33.88	230.5	48.22	248.6	54.82	268.2	61.96	285.3	68.77	298.9	74.23
	23	149.1	25.59	188.4	37.46	230.5	52.39	248.6	58.89	268.2	66.24	285.3	73.44	298.2	78.85
	25	149.1	28.45	188.4	41.44	230.5	55.72	248.6	62.79	268.2	70.85	285.3	78.52	297.0	84.11
	27	149.1	31.98	188.4	44.39	230.5	59.76	248.6	67.23	268.2	75.86	284.8	84.14	295.8	90.13
	29	149.1	34.73	188.4	47.56	230.5	63.82	248.6	72.13	268.2	81.66	283.5	90.27	294.5	96.74
	31	149.1	37.21	188.4	50.94	230.5	68.78	248.6	77.68	268.2	88.36	282.2	97.31	293.2	104.73
	33	149.1	39.79	188.4	54.56	230.5	73.92	248.6	83.83	267.2	95.14	280.8	105.04	280.6	105.01
	35	149.1	42.78	188.4	58.38	230.5	79.77	248.6	90.94	256.8	96.63	256.7	96.61	256.7	96.61
	37	149.1	45.67	188.4	62.82	229.9	86.18	233.1	88.50	233.1	88.50	233.1	88.50	233.1	88.50
	39	149.1	49.04	188.4	67.96	206.5	78.27	206.5	78.27	206.5	78.27	206.5	78.27	206.5	78.27
	41	149.1	52.59	180.0	68.21	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64
	43	149.1	56.68	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89
	46	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17
	48	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28
110	10	136.9	15.09	172.8	20.20	211.3	26.73	227.9	30.03	245.7	34.52	261.6	39.03	273.8	42.76
	12	136.9	15.27	172.8	20.60	211.3	27.97	227.9	32.21	245.7	37.14	261.6	41.86	273.8	45.73
	14	136.9	15.60	172.8	21.17	211.3	30.24	227.9	34.89	245.7	40.06	261.6	45.05	273.8	49.05
	16	136.9	15.96	172.8	23.06	211.3	32.97	227.9	37.87	245.7	43.30	261.6	48.58	273.8	53.12
	18	136.9	17.21	172.8	25.26	211.3	36.00	227.9	41.27	245.7	47.07	261.6	52.92	273.8	57.52
	20	136.9	19.02	172.8	27.94	211.3	39.46	227.9	45.05	245.7	51.58	261.6	57.70	273.8	62.11
	21	136.9	20.05	172.8	29.27	211.3	41.20	227.9	47.29	245.7	53.94	261.6	59.75	273.8	64.38
	23	136.9	22.27	172.8	32.48	211.3	45.66	227.9	51.34	245.7	57.70	261.6	63.65	273.8	68.47
	25	136.9	24.98	172.8	35.94	211.3	48.94	227.9	54.84	245.7	61.56	261.6	68.05	273.8	73.25
	27	136.9	27.96	172.8	39.36	211.3	52.40	227.9	58.57	245.7	65.93	261.6	72.88	273.8	78.75
	29	136.9	31.12	172.8	42.28	211.3	56.00	227.9	62.83	245.7	70.70	261.6	78.45	273.8	84.77
	31	136.9	33.46	172.8	45.16	211.3	60.21	227.9	67.45	245.7	76.20	261.6	84.59	273.0	91.27
	33	136.9	35.86	172.8	48.41	211.3	64.63	227.9	72.47	245.7	82.16	261.6	91.66	271.7	98.46
	35	136.9	38.39	172.8	51.92	211.3	69.50	227.9	78.25	245.7	89.16	256.9	96.64	256.7	96.61
	37	136.9	41.04	172.8	55.62	211.3	75.06	227.9	84.89	232.8	88.29	233.1	88.50	233.1	88.50
	39	136.9	43.85	172.8	59.82	205.0	77.25	206.5	78.27	206.5	78.27	206.5	78.27	206.5	78.27
	41	136.9	47.11	172.8	64.38	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64
	43	136.9	50.56	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89
	46	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17
	48	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28

7. Capacity Tables

Cooling Capacity (74HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	124.3	13.57	157.2	17.79	192.1	23.26	207.2	25.99	223.5	29.21	237.9	32.48	249.0	35.48
	12	124.3	13.75	157.2	18.19	192.1	23.89	207.2	27.05	223.5	30.93	237.9	34.96	249.0	38.16
	14	124.3	14.07	157.2	18.56	192.1	25.44	207.2	29.21	223.5	33.57	237.9	37.75	249.0	41.12
	16	124.3	14.25	157.2	19.67	192.1	27.70	207.2	31.87	223.5	36.48	237.9	40.90	249.0	44.48
	18	124.3	15.00	157.2	21.65	192.1	30.41	207.2	34.62	223.5	39.73	237.9	44.46	249.0	48.24
	20	124.3	16.47	157.2	23.82	192.1	33.42	207.2	37.96	223.5	43.45	237.9	48.55	249.0	52.86
	21	124.3	17.36	157.2	25.00	192.1	35.01	207.2	39.94	223.5	45.62	237.9	50.94	249.0	55.10
	23	124.3	19.33	157.2	27.67	192.1	38.67	207.2	44.05	223.5	49.74	237.9	54.84	249.0	58.92
	25	124.3	21.59	157.2	30.93	192.1	42.59	207.2	47.73	223.5	53.20	237.9	58.53	249.0	62.80
	27	124.3	24.21	157.2	34.66	192.1	45.76	207.2	50.83	223.5	56.88	237.9	62.74	249.0	67.33
	29	124.3	27.32	157.2	37.12	192.1	48.76	207.2	54.38	223.5	61.03	237.9	67.02	249.0	72.17
	31	124.3	29.92	157.2	39.67	192.1	52.22	207.2	58.46	223.5	65.24	237.9	72.20	249.0	77.79
	33	124.3	31.88	157.2	42.66	192.1	56.16	207.2	62.49	223.5	70.38	237.9	77.86	249.0	83.93
	35	124.3	34.25	157.2	45.55	192.1	60.17	207.2	67.16	223.5	75.97	237.9	84.12	249.0	91.37
	37	124.3	36.68	157.2	48.88	192.1	64.70	207.2	72.57	223.5	82.09	231.3	87.12	233.1	88.50
	39	124.3	39.28	157.2	52.38	192.1	69.89	204.2	76.72	206.5	78.27	206.5	78.27	206.5	78.27
	41	124.3	41.93	157.2	56.48	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64
	43	124.3	45.11	154.2	58.96	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89
	46	119.8	47.76	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17
	48	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28
90	10	112.1	12.16	141.3	15.60	172.8	20.20	186.5	22.30	200.9	24.84	213.9	27.25	224.2	29.21
	12	112.1	12.34	141.3	15.96	172.8	20.60	186.5	22.78	200.9	25.50	213.9	28.61	224.2	31.22
	14	112.1	12.48	141.3	16.14	172.8	21.20	186.5	24.20	200.9	27.64	213.9	30.94	224.2	33.82
	16	112.1	12.78	141.3	16.51	172.8	23.06	186.5	26.39	200.9	30.19	213.9	33.67	224.2	36.57
	18	112.1	12.95	141.3	18.19	172.8	25.27	186.5	28.77	200.9	32.86	213.9	36.77	224.2	39.85
	20	112.1	14.30	141.3	20.11	172.8	27.94	186.5	31.70	200.9	36.06	213.9	40.26	224.2	43.81
	21	112.1	14.93	141.3	21.14	172.8	29.27	186.5	33.22	200.9	37.97	213.9	42.29	224.2	45.73
	23	112.1	16.61	141.3	23.44	172.8	32.48	186.5	36.73	200.9	41.85	213.9	46.56	224.2	50.03
	25	112.1	18.61	141.3	26.11	172.8	36.20	186.5	40.73	200.9	45.54	213.9	50.02	224.2	53.56
	27	112.1	20.78	141.3	29.39	172.8	39.58	186.5	43.91	200.9	48.78	213.9	53.52	224.2	57.24
	29	112.1	23.51	141.3	32.48	172.8	42.31	186.5	46.83	200.9	52.24	213.9	57.16	224.2	61.16
	31	112.1	26.53	141.3	34.81	172.8	45.16	186.5	50.18	200.9	55.91	213.9	61.17	224.2	65.67
	33	112.1	28.37	141.3	37.25	172.8	48.41	186.5	53.73	200.9	59.80	213.9	65.73	224.2	70.52
	35	112.1	30.30	141.3	39.87	172.8	51.92	186.5	57.54	200.9	64.31	213.9	70.92	224.2	76.11
	37	112.1	32.55	141.3	42.65	172.8	55.62	186.5	61.92	200.9	69.43	213.9	76.59	224.2	82.60
	39	112.1	34.88	141.3	45.78	172.8	59.86	186.5	66.62	200.9	74.70	205.5	77.54	206.5	78.27
	41	112.1	37.11	141.3	49.15	172.8	64.42	179.6	67.96	180.6	68.64	180.6	68.64	180.6	68.64
	43	112.1	39.98	141.3	52.66	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89
	46	112.1	44.31	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17
	48	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28
80	10	99.5	10.90	125.8	13.72	153.6	17.24	165.8	18.99	178.7	21.05	190.2	23.00	199.1	24.55
	12	99.5	11.04	125.8	13.92	153.6	17.61	165.8	19.40	178.7	21.49	190.2	23.48	199.1	25.06
	14	99.5	11.15	125.8	14.22	153.6	18.01	165.8	19.80	178.7	22.28	190.2	25.11	199.1	27.23
	16	99.5	11.32	125.8	14.43	153.6	18.94	165.8	21.42	178.7	24.52	190.2	27.30	199.1	29.60
	18	99.5	11.59	125.8	15.25	153.6	20.82	165.8	23.66	178.7	26.80	190.2	29.79	199.1	32.42
	20	99.5	12.21	125.8	16.73	153.6	22.95	165.8	26.01	178.7	29.59	190.2	32.77	199.1	35.61
	21	99.5	12.75	125.8	17.62	153.6	24.13	165.8	27.30	178.7	30.99	190.2	34.53	199.1	37.24
	23	99.5	14.18	125.8	19.62	153.6	26.72	165.8	30.33	178.7	34.34	190.2	37.94	199.1	41.09
	25	99.5	15.74	125.8	21.89	153.6	29.87	165.8	33.60	178.7	38.21	190.2	42.12	199.1	45.10
	27	99.5	17.76	125.8	24.61	153.6	33.52	165.8	37.20	178.7	41.36	190.2	45.04	199.1	48.05
	29	99.5	20.16	125.8	27.69	153.6	36.07	165.8	39.85	178.7	44.17	190.2	48.28	199.1	51.49
	31	99.5	22.80	125.8	30.24	153.6	38.58	165.8	42.83	178.7	47.37	190.2	51.43	199.1	55.11
	33	99.5	24.86	125.8	32.25	153.6	41.52	165.8	45.72	178.7	50.53	190.2	55.36	199.1	58.96
	35	99.5	26.79	125.8	34.58	153.6	44.34	165.8	49.03	178.7	54.40	190.2	59.30	199.1	63.40
	37	99.5	28.60	125.8	37.04	153.6	47.63	165.8	52.55	178.7	58.25	190.2	63.73	199.1	68.48
	39	99.5	30.54	125.8	39.64	153.6	51.06	165.8	56.32	178.7	62.70	190.2	68.61	199.1	73.68
	41	99.5	32.79	125.8	42.65	153.6	54.72	165.8	60.66	178.1	67.06	180.3	68.39	180.6	68.64
	43	99.5	35.14	125.8	45.54	153.6	58.65	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89
	46	99.5	38.87	120.1	47.90	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17
	48	97.1	40.88	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28

7. Capacity Tables

Cooling Capacity (74HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	87.0	9.68	109.9	11.90	134.6	14.76	145.0	16.14	156.5	17.64	166.5	19.18	174.3	20.39
	12	87.0	9.83	109.9	12.04	134.6	15.09	145.0	16.51	156.5	18.01	166.5	19.58	174.3	20.83
	14	87.0	9.96	109.9	12.34	134.6	15.27	145.0	16.72	156.5	18.37	166.5	19.99	174.3	21.44
	16	87.0	10.10	109.9	12.48	134.6	15.60	145.0	17.27	156.5	19.49	166.5	21.64	174.3	23.39
	18	87.0	10.22	109.9	12.78	134.6	16.89	145.0	18.96	156.5	21.40	166.5	23.73	174.3	25.59
	20	87.0	10.42	109.9	13.90	134.6	18.51	145.0	20.91	156.5	23.57	166.5	26.08	174.3	28.27
	21	87.0	10.93	109.9	14.64	134.6	19.50	145.0	22.02	156.5	24.78	166.5	27.56	174.3	29.68
	23	87.0	12.01	109.9	16.13	134.6	21.69	145.0	24.39	156.5	27.60	166.5	30.44	174.3	32.89
	25	87.0	13.31	109.9	18.10	134.6	24.36	145.0	27.35	156.5	30.60	166.5	33.93	174.3	36.60
	27	87.0	14.88	109.9	20.38	134.6	27.27	145.0	30.56	156.5	34.37	166.5	37.51	174.3	39.98
	29	87.0	16.92	109.9	23.07	134.6	30.47	145.0	33.67	156.5	37.01	166.5	40.17	174.3	42.67
	31	87.0	19.22	109.9	25.96	134.6	32.81	145.0	35.86	156.5	39.59	166.5	42.91	174.3	45.56
	33	87.0	21.76	109.9	27.79	134.6	35.18	145.0	38.37	156.5	42.33	166.5	46.08	174.3	48.89
	35	87.0	23.29	109.9	29.65	134.6	37.65	145.0	41.28	156.5	45.43	166.5	49.12	174.3	52.35
	37	87.0	24.92	109.9	31.86	134.6	40.28	145.0	44.10	156.5	48.52	166.5	52.94	174.3	56.36
	39	87.0	26.67	109.9	34.18	134.6	43.06	145.0	47.39	156.5	51.98	166.5	56.72	174.3	60.39
	41	87.0	28.48	109.9	36.42	134.6	46.23	145.0	50.78	156.5	56.05	166.5	61.09	174.3	64.99
	43	87.0	30.65	109.9	39.20	134.6	49.63	145.0	54.45	154.1	58.88	155.9	59.89	155.9	59.89
	46	87.0	34.03	109.9	43.46	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17
	48	87.0	36.46	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28
60	10	74.7	8.61	94.3	10.36	115.4	12.48	124.3	13.57	134.0	14.76	142.8	15.78	149.5	16.69
	12	74.7	8.75	94.3	10.49	115.4	12.66	124.3	13.75	134.0	14.94	142.8	16.11	149.5	17.06
	14	74.7	8.86	94.3	10.64	115.4	12.95	124.3	14.07	134.0	15.27	142.8	16.33	149.5	17.42
	16	74.7	8.97	94.3	10.75	115.4	13.10	124.3	14.25	134.0	15.60	142.8	16.81	149.5	18.15
	18	74.7	9.08	94.3	11.04	115.4	13.54	124.3	15.00	134.0	16.73	142.8	18.45	149.5	19.79
	20	74.7	9.19	94.3	11.45	115.4	14.80	124.3	16.47	134.0	18.51	142.8	20.37	149.5	22.04
	21	74.7	9.30	94.3	11.92	115.4	15.62	124.3	17.33	134.0	19.47	142.8	21.43	149.5	23.15
	23	74.7	10.09	94.3	13.24	115.4	17.40	124.3	19.33	134.0	21.62	142.8	23.77	149.5	25.62
	25	74.7	11.14	94.3	14.72	115.4	19.30	124.3	21.59	134.0	24.14	142.8	26.65	149.5	28.48
	27	74.7	12.42	94.3	16.45	115.4	21.69	124.3	24.21	134.0	26.98	142.8	29.79	149.5	31.99
	29	74.7	14.00	94.3	18.70	115.4	24.50	124.3	27.32	134.0	30.42	142.8	33.01	149.5	34.94
	31	74.7	16.08	94.3	21.37	115.4	27.45	124.3	29.92	134.0	32.53	142.8	35.13	149.5	37.24
	33	74.7	18.47	94.3	23.67	115.4	29.35	124.3	31.88	134.0	34.89	142.8	37.65	149.5	40.03
	35	74.7	20.26	94.3	25.31	115.4	31.27	124.3	34.25	134.0	37.37	142.8	40.27	149.5	42.81
	37	74.7	21.53	94.3	27.06	115.4	33.56	124.3	36.68	134.0	39.96	142.8	43.29	149.5	45.70
	39	74.7	23.06	94.3	28.90	115.4	36.00	124.3	39.28	134.0	42.97	142.8	46.24	149.5	49.07
	41	74.7	24.69	94.3	31.08	115.4	38.51	124.3	41.93	134.0	45.90	142.8	49.59	149.5	52.63
	43	74.7	26.42	94.3	33.12	115.4	41.18	124.3	45.11	134.0	49.27	142.8	53.48	149.5	56.68
	46	74.7	29.43	94.3	36.89	115.4	45.87	119.8	47.76	120.6	48.17	120.6	48.17	120.6	48.17
	48	74.7	31.46	94.3	39.52	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28
50	10	62.2	7.71	78.5	8.97	96.2	10.49	103.6	11.30	111.7	12.04	118.8	12.92	124.4	13.57
	12	62.2	7.73	78.5	9.08	96.2	10.64	103.6	11.47	111.7	12.34	118.8	13.10	124.4	13.75
	14	62.2	7.83	78.5	9.19	96.2	10.87	103.6	11.61	111.7	12.48	118.8	13.30	124.4	14.07
	16	62.2	7.94	78.5	9.30	96.2	11.04	103.6	11.75	111.7	12.78	118.8	13.60	124.4	14.25
	18	62.2	7.96	78.5	9.44	96.2	11.15	103.6	12.02	111.7	12.95	118.8	14.11	124.4	15.03
	20	62.2	8.07	78.5	9.57	96.2	11.66	103.6	12.85	111.7	14.12	118.8	15.46	124.4	16.66
	21	62.2	8.13	78.5	9.74	96.2	12.29	103.6	13.52	111.7	14.90	118.8	16.31	124.4	17.39
	23	62.2	8.48	78.5	10.64	96.2	13.52	103.6	14.90	111.7	16.60	118.8	18.16	124.4	19.36
	25	62.2	9.24	78.5	11.79	96.2	15.16	103.6	16.72	111.7	18.43	118.8	20.14	124.4	21.59
	27	62.2	10.25	78.5	13.14	96.2	16.96	103.6	18.67	111.7	20.74	118.8	22.67	124.4	24.24
	29	62.2	11.51	78.5	14.99	96.2	19.21	103.6	21.18	111.7	23.48	118.8	25.74	124.4	27.35
	31	62.2	13.10	78.5	17.00	96.2	21.81	103.6	24.11	111.7	26.35	118.8	28.39	124.4	29.95
	33	62.2	15.11	78.5	19.68	96.2	24.00	103.6	26.02	111.7	28.37	118.8	30.28	124.4	31.92
	35	62.2	17.20	78.5	21.09	96.2	25.67	103.6	27.77	111.7	30.26	118.8	32.50	124.4	34.25
	37	62.2	18.47	78.5	22.61	96.2	27.67	103.6	29.87	111.7	32.48	118.8	34.67	124.4	36.68
	39	62.2	19.63	78.5	24.21	96.2	29.52	103.6	31.88	111.7	34.64	118.8	37.13	124.4	39.28
	41	62.2	21.08	78.5	25.88	96.2	31.49	103.6	34.20	111.7	37.11	118.8	40.00	124.4	42.02
	43	62.2	22.63	78.5	27.73	96.2	33.81	103.6	36.68	111.7	39.73	118.8	42.75	124.4	45.11
	46	62.2	24.96	78.5	30.84	96.2	37.61	103.6	40.71	111.7	44.28	118.8	47.28	119.9	47.82
	48	62.2	26.97	78.5	32.88	96.2	40.27	97.9	41.21	98.1	41.28	98.1	41.28	98.1	41.28

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM760LTE5

Cooling Capacity (76HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	166.1	19.31	209.8	27.06	256.5	38.36	276.6	44.25	295.4	50.01	310.9	54.88	322.7	58.93
	12	166.1	19.76	209.8	28.00	256.5	40.95	276.6	47.31	294.7	53.05	310.2	58.40	322.0	62.64
	14	166.1	20.25	209.8	30.47	256.5	44.08	276.6	50.80	294.0	56.76	309.4	62.17	321.1	66.94
	16	166.1	21.88	209.8	32.97	256.5	47.87	275.9	54.65	293.1	61.02	308.4	66.79	320.2	71.74
	18	166.1	23.98	209.8	36.06	256.5	51.96	275.0	59.07	292.1	65.79	307.4	71.40	319.1	76.17
	20	166.1	26.54	209.8	39.53	256.5	56.69	274.0	63.19	291.1	69.43	306.4	75.64	318.0	80.64
	21	166.1	27.89	209.8	41.33	256.5	58.61	273.5	64.97	290.6	71.35	305.8	77.70	317.4	83.19
	23	166.1	30.76	209.8	45.70	256.5	62.75	272.4	68.69	289.4	75.73	304.6	82.77	316.1	88.60
	25	166.1	34.34	209.8	49.13	255.4	66.43	271.2	72.99	288.2	80.74	303.3	88.28	314.8	94.89
	27	166.1	37.89	209.8	52.63	254.2	70.64	270.0	77.88	286.8	86.17	301.9	94.96	313.4	102.13
	29	166.1	40.57	209.8	56.36	252.9	75.16	268.6	83.17	285.4	92.43	300.4	102.32	310.0	109.04
	31	166.1	43.36	209.8	60.40	251.6	80.33	267.2	88.93	284.0	99.66	299.3	110.91	302.3	113.13
	33	166.1	46.39	209.8	64.71	250.1	85.88	265.9	95.91	278.8	104.94	278.8	104.94	278.8	104.94
	35	166.1	49.81	209.8	69.79	248.9	92.32	254.9	96.55	254.9	96.55	254.9	96.55	254.9	96.55
	37	166.1	53.52	209.8	75.65	231.3	88.43	231.3	88.43	231.3	88.43	231.3	88.43	231.3	88.43
	39	166.1	57.40	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13
	41	165.9	61.91	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51
	43	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78
	46	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25
120	10	153.2	17.50	193.5	24.01	236.8	32.89	255.4	38.03	275.5	43.88	291.2	48.77	302.4	52.23
	12	153.2	17.84	193.5	24.62	236.8	35.22	255.4	40.76	275.5	46.88	290.5	51.73	301.7	55.36
	14	153.2	18.25	193.5	26.24	236.8	38.08	255.4	43.68	275.5	50.32	289.7	55.37	300.9	59.22
	16	153.2	19.11	193.5	28.54	236.8	41.27	255.4	47.46	275.0	54.32	288.9	59.28	300.0	63.63
	18	153.2	21.02	193.5	31.33	236.8	44.89	255.4	51.49	274.1	58.47	287.9	64.02	299.0	68.22
	20	153.2	23.17	193.5	34.40	236.8	49.06	255.4	56.25	273.1	62.59	286.9	67.99	298.0	71.98
	21	153.2	24.32	193.5	36.03	236.8	51.31	255.4	58.14	272.6	64.34	286.4	69.88	297.4	74.26
	23	153.2	27.10	193.5	39.84	236.8	55.35	255.4	62.34	271.5	68.33	285.2	74.14	296.2	78.78
	25	153.2	30.14	193.5	43.71	236.8	58.90	254.5	66.10	270.3	72.57	284.0	78.76	295.0	84.03
	27	153.2	33.77	193.5	46.67	236.8	63.25	253.3	70.28	269.1	77.16	282.7	84.04	293.6	90.02
	29	153.2	36.37	193.5	50.01	236.8	67.74	252.0	74.77	267.7	82.42	281.3	90.16	292.2	96.61
	31	153.2	38.93	193.5	53.65	236.2	72.77	250.7	79.91	266.3	88.42	279.8	97.17	290.9	104.61
	33	153.2	41.65	193.5	57.56	234.8	77.50	249.3	85.44	265.0	95.01	278.8	104.94	278.8	104.94
	35	153.2	44.84	193.5	61.71	233.4	82.88	248.0	91.81	254.9	96.55	254.9	96.55	254.9	96.55
	37	153.2	47.91	193.5	66.61	231.3	88.43	231.3	88.43	231.3	88.43	231.3	88.43	231.3	88.43
	39	153.2	51.47	192.5	71.47	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13
	41	153.2	55.32	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51
	43	150.9	58.25	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78
	46	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25
110	10	140.6	15.75	177.5	21.27	217.0	28.38	234.1	32.10	252.3	37.05	268.7	41.87	281.2	45.83
	12	140.6	15.97	177.5	21.73	217.0	29.94	234.1	34.49	252.3	39.75	268.7	44.85	281.1	48.84
	14	140.6	16.31	177.5	22.50	217.0	32.30	234.1	37.31	252.3	42.84	268.7	48.17	280.4	52.07
	16	140.6	16.81	177.5	24.58	217.0	35.18	234.1	40.46	252.3	46.28	268.7	51.94	279.5	56.00
	18	140.6	18.22	177.5	26.87	217.0	38.39	234.1	44.03	252.3	50.31	268.7	56.60	278.6	60.27
	20	140.6	20.14	177.5	29.66	217.0	42.03	234.1	48.13	252.3	54.95	267.7	60.88	277.6	64.27
	21	140.6	21.18	177.5	31.09	217.0	43.92	234.1	50.38	252.3	57.25	267.2	62.60	277.1	66.35
	23	140.6	23.53	177.5	34.50	217.0	48.36	234.1	54.18	252.3	61.04	266.1	66.23	276.0	70.13
	25	140.6	26.43	177.5	38.10	217.0	51.63	234.1	57.92	252.2	65.08	265.0	70.35	274.8	74.51
	27	140.6	29.56	177.5	41.34	217.0	55.24	234.1	61.95	251.0	69.21	263.7	74.80	273.5	79.50
	29	140.6	32.58	177.5	44.34	217.0	59.18	234.1	66.62	249.7	73.63	262.4	79.88	272.2	84.93
	31	140.6	34.93	177.5	47.44	217.0	63.67	234.1	71.66	248.3	78.68	261.0	85.37	270.7	91.14
	33	140.6	37.49	177.5	50.87	217.0	68.54	232.8	76.30	246.9	84.12	259.6	91.71	269.5	98.34
	35	140.6	40.10	177.5	54.66	217.0	73.95	231.3	81.63	245.6	90.40	254.9	96.55	254.9	96.55
	37	140.6	42.95	177.5	58.67	216.3	79.61	229.8	87.50	231.3	88.43	231.3	88.43	231.3	88.43
	39	140.6	45.93	177.5	63.23	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13
	41	140.6	49.38	174.9	66.47	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51
	43	140.6	53.10	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78
	46	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25

7. Capacity Tables

Cooling Capacity (76HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	127.7	14.12	161.5	18.67	197.2	24.60	212.8	27.56	229.5	31.17	244.3	34.77	255.7	38.06
	12	127.7	14.30	161.5	19.08	197.2	25.35	212.8	28.90	229.5	33.13	244.3	37.44	255.7	40.85
	14	127.7	14.67	161.5	19.53	197.2	27.19	212.8	31.19	229.5	35.85	244.3	40.33	255.7	43.98
	16	127.7	14.86	161.5	20.93	197.2	29.53	212.8	33.99	229.5	38.93	244.3	43.67	255.7	47.50
	18	127.7	15.84	161.5	22.99	197.2	32.39	212.8	36.92	229.5	42.38	244.3	47.47	255.7	51.58
	20	127.7	17.41	161.5	25.29	197.2	35.59	212.8	40.47	229.5	46.36	244.3	51.80	255.7	56.29
	21	127.7	18.34	161.5	26.52	197.2	37.26	212.8	42.55	229.5	48.60	244.3	54.09	255.7	58.47
	23	127.7	20.39	161.5	29.35	197.2	41.16	212.8	46.71	229.5	52.59	244.3	57.96	255.7	62.37
	25	127.7	22.76	161.5	32.81	197.2	44.90	212.8	50.27	229.5	56.16	244.3	61.93	254.8	66.10
	27	127.7	25.57	161.5	36.46	197.2	48.14	212.8	53.61	229.5	60.13	244.3	66.49	253.6	70.31
	29	127.7	28.72	161.5	38.88	197.2	51.32	212.8	57.38	229.5	64.61	243.4	70.64	252.3	74.80
	31	127.7	31.15	161.5	41.57	197.2	55.10	212.8	61.77	229.5	69.21	242.1	75.49	251.0	79.94
	33	127.7	33.26	161.5	44.70	197.2	59.28	212.8	66.24	229.2	74.69	240.7	80.69	249.6	85.47
	35	127.7	35.70	161.5	47.82	197.2	63.65	212.8	71.41	227.8	79.87	239.3	86.35	248.3	92.23
	37	127.7	38.26	161.5	51.35	197.2	68.65	212.8	77.41	226.2	85.25	231.3	88.43	231.3	88.43
	39	127.7	40.99	161.5	55.13	195.5	73.06	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13
	41	127.7	43.85	161.5	59.57	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51
	43	127.7	47.21	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78
	46	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25
90	10	115.1	12.62	145.2	16.31	177.5	21.27	191.5	23.56	206.4	26.32	219.7	28.96	230.3	31.23
	12	115.1	12.80	145.2	16.71	177.5	21.73	191.5	24.15	206.4	27.21	219.7	30.63	230.3	33.43
	14	115.1	12.98	145.2	16.90	177.5	22.53	191.5	25.85	206.4	29.51	219.7	33.03	230.3	36.16
	16	115.1	13.28	145.2	17.45	177.5	24.58	191.5	28.12	206.4	32.20	219.7	35.92	230.3	39.02
	18	115.1	13.55	145.2	19.28	177.5	26.87	191.5	30.64	206.4	34.99	219.7	39.20	230.3	42.51
	20	115.1	15.05	145.2	21.27	177.5	29.70	191.5	33.75	206.4	38.38	219.7	42.91	230.3	46.73
	21	115.1	15.71	145.2	22.38	177.5	31.09	191.5	35.34	206.4	40.43	219.7	45.10	230.3	48.76
	23	115.1	17.49	145.2	24.82	177.5	34.50	191.5	39.08	206.4	44.46	219.7	49.31	230.3	52.87
	25	115.1	19.61	145.2	27.62	177.5	38.32	191.5	42.96	206.4	47.96	219.7	52.75	230.3	56.53
	27	115.1	21.85	145.2	31.10	177.5	41.55	191.5	46.12	206.4	51.42	219.7	56.46	230.3	60.51
	29	115.1	24.74	145.2	33.91	177.5	44.43	191.5	49.26	206.4	55.10	219.7	60.45	230.3	64.76
	31	115.1	27.61	145.2	36.36	177.5	47.45	191.5	52.86	206.4	58.99	219.7	64.75	230.3	69.66
	33	115.1	29.53	145.2	38.97	177.5	50.93	191.5	56.64	206.4	63.28	219.7	69.77	229.8	74.75
	35	115.1	31.52	145.2	41.69	177.5	54.66	191.5	60.77	206.4	68.20	219.7	75.51	228.4	79.93
	37	115.1	33.87	145.2	44.68	177.5	58.67	191.5	65.53	206.4	73.93	218.4	80.87	226.8	85.67
	39	115.1	36.32	145.2	47.98	177.5	63.33	191.0	70.36	202.7	76.87	204.8	78.13	204.8	78.13
	41	115.1	38.67	145.2	51.55	174.9	66.50	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51
	43	115.1	41.68	144.6	55.01	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78
	46	114.0	45.71	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25
80	10	102.2	11.27	129.2	14.30	157.7	18.10	170.2	19.99	183.5	22.18	195.3	24.28	204.5	26.02
	12	102.2	11.41	129.2	14.52	157.7	18.48	170.2	20.41	183.5	22.69	195.3	24.91	204.5	26.73
	14	102.2	11.56	129.2	14.82	157.7	18.89	170.2	20.98	183.5	23.80	195.3	26.80	204.5	29.09
	16	102.2	11.73	129.2	15.04	157.7	20.13	170.2	22.80	183.5	26.14	195.3	29.11	204.5	31.60
	18	102.2	12.03	129.2	16.10	157.7	22.12	170.2	25.15	183.5	28.51	195.3	31.75	204.5	34.53
	20	102.2	12.80	129.2	17.65	157.7	24.34	170.2	27.61	183.5	31.46	195.3	34.86	204.5	37.91
	21	102.2	13.38	129.2	18.57	157.7	25.57	170.2	29.00	183.5	32.92	195.3	36.71	204.5	39.63
	23	102.2	14.89	129.2	20.69	157.7	28.32	170.2	32.16	183.5	36.49	195.3	40.40	204.5	43.69
	25	102.2	16.53	129.2	23.10	157.7	31.62	170.2	35.65	183.5	40.41	195.3	44.38	204.5	47.49
	27	102.2	18.63	129.2	25.94	157.7	35.29	170.2	39.10	183.5	43.43	195.3	47.35	204.5	50.62
	29	102.2	21.17	129.2	29.08	157.7	37.75	170.2	41.79	183.5	46.40	195.3	50.81	204.5	54.25
	31	102.2	23.85	129.2	31.53	157.7	40.44	170.2	44.92	183.5	49.83	195.3	54.22	204.5	58.17
	33	102.2	25.81	129.2	33.64	157.7	43.53	170.2	47.98	183.5	53.20	195.3	58.45	204.5	62.35
	35	102.2	27.78	129.2	36.09	157.7	46.51	170.2	51.54	183.5	57.30	195.3	62.68	204.5	67.18
	37	102.2	29.73	129.2	38.68	157.7	49.99	170.2	55.34	183.5	61.55	195.3	67.56	204.5	72.78
	39	102.2	31.72	129.2	41.42	157.7	53.69	170.2	59.44	183.5	66.39	194.0	71.95	201.2	76.03
	41	102.2	34.07	129.2	44.59	157.7	57.67	169.2	63.44	179.1	68.51	179.1	68.51	179.1	68.51
	43	102.2	36.55	129.2	47.71	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78
	46	102.2	40.44	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25

7. Capacity Tables

Cooling Capacity (76HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	89.3	9.98	112.9	12.32	138.3	15.41	149.0	16.87	160.7	18.52	171.0	20.18	179.0	21.46
	12	89.3	10.12	112.9	12.50	138.3	15.75	149.0	17.28	160.7	18.89	171.0	20.63	179.0	21.96
	14	89.3	10.26	112.9	12.80	138.3	15.97	149.0	17.50	160.7	19.31	171.0	21.18	179.0	22.84
	16	89.3	10.40	112.9	12.98	138.3	16.38	149.0	18.27	160.7	20.70	171.0	23.02	179.0	24.93
	18	89.3	10.54	112.9	13.35	138.3	17.88	149.0	20.11	160.7	22.73	171.0	25.24	179.0	27.25
	20	89.3	10.86	112.9	14.60	138.3	19.57	149.0	22.18	160.7	25.02	171.0	27.73	179.0	30.04
	21	89.3	11.41	112.9	15.37	138.3	20.64	149.0	23.30	160.7	26.30	171.0	29.27	179.0	31.51
	23	89.3	12.54	112.9	17.00	138.3	22.93	149.0	25.81	160.7	29.23	171.0	32.29	179.0	34.93
	25	89.3	13.91	112.9	19.05	138.3	25.75	149.0	28.95	160.7	32.48	171.0	35.99	179.0	38.76
	27	89.3	15.55	112.9	21.43	138.3	28.80	149.0	32.28	160.7	36.18	171.0	39.35	179.0	41.92
	29	89.3	17.70	112.9	24.28	138.3	31.90	149.0	35.19	160.7	38.76	171.0	42.12	179.0	44.80
	31	89.3	20.13	112.9	27.05	138.3	34.22	149.0	37.49	160.7	41.48	171.0	45.01	179.0	47.91
	33	89.3	22.51	112.9	28.89	138.3	36.74	149.0	40.18	160.7	44.37	171.0	48.35	179.0	51.38
	35	89.3	24.12	112.9	30.84	138.3	39.34	149.0	43.24	160.7	47.69	171.0	51.64	179.0	55.17
	37	89.3	25.84	112.9	33.16	138.3	42.12	149.0	46.22	160.7	50.98	171.0	55.75	179.0	59.50
	39	89.3	27.63	112.9	35.60	138.3	45.06	149.0	49.70	160.7	54.72	171.0	59.85	179.0	63.90
	41	89.3	29.53	112.9	37.91	138.3	48.46	149.0	53.36	160.7	59.05	169.8	63.80	176.1	66.92
	43	89.3	31.80	112.9	40.88	138.3	52.07	147.6	56.45	154.5	59.78	154.5	59.78	154.5	59.78
	46	89.3	35.31	112.2	45.05	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	89.3	37.86	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25
60	10	76.7	8.83	96.9	10.69	118.5	12.98	127.7	14.12	137.6	15.37	146.6	16.53	153.5	17.50
	12	76.7	8.97	96.9	10.83	118.5	13.16	127.7	14.30	137.6	15.60	146.6	16.87	153.5	17.88
	14	76.7	9.08	96.9	10.98	118.5	13.46	127.7	14.67	137.6	15.93	146.6	17.13	153.5	18.25
	16	76.7	9.20	96.9	11.12	118.5	13.64	127.7	14.86	137.6	16.37	146.6	17.74	153.5	19.26
	18	76.7	9.33	96.9	11.41	118.5	14.22	127.7	15.84	137.6	17.69	146.6	19.54	153.5	21.02
	20	76.7	9.44	96.9	11.98	118.5	15.57	127.7	17.41	137.6	19.56	146.6	21.57	153.5	23.35
	21	76.7	9.63	96.9	12.48	118.5	16.45	127.7	18.31	137.6	20.57	146.6	22.69	153.5	24.50
	23	76.7	10.47	96.9	13.89	118.5	18.31	127.7	20.39	137.6	22.85	146.6	25.13	153.5	27.17
	25	76.7	11.60	96.9	15.44	118.5	20.33	127.7	22.76	137.6	25.49	146.6	28.22	153.5	30.18
	27	76.7	12.97	96.9	17.24	118.5	22.83	127.7	25.57	137.6	28.55	146.6	31.51	153.5	33.77
	29	76.7	14.59	96.9	19.59	118.5	25.80	127.7	28.72	137.6	31.85	146.6	34.50	153.5	36.58
	31	76.7	16.78	96.9	22.40	118.5	28.58	127.7	31.15	137.6	33.97	146.6	36.74	153.5	38.96
	33	76.7	19.22	96.9	24.54	118.5	30.53	127.7	33.26	137.6	36.45	146.6	39.39	153.5	41.94
	35	76.7	20.90	96.9	26.22	118.5	32.60	127.7	35.70	137.6	39.02	146.6	42.15	153.5	44.87
	37	76.7	22.21	96.9	28.06	118.5	35.00	127.7	38.26	137.6	41.79	146.6	45.33	153.5	47.94
	39	76.7	23.81	96.9	30.00	118.5	37.52	127.7	40.99	137.6	44.96	146.6	48.46	153.5	51.51
	41	76.7	25.52	96.9	32.28	118.5	40.16	127.7	43.85	137.6	48.12	146.6	52.07	153.5	55.36
	43	76.7	27.34	96.9	34.38	118.5	42.98	127.7	47.21	137.6	51.70	145.8	55.70	151.2	58.25
	46	76.7	30.46	96.9	38.35	116.7	47.00	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	76.7	32.53	95.3	40.32	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25
50	10	63.8	7.87	80.6	9.20	98.8	10.83	106.4	11.70	114.8	12.50	122.0	13.46	127.7	14.12
	12	63.8	7.89	80.6	9.33	98.8	11.00	106.4	11.85	114.8	12.80	122.0	13.64	127.7	14.34
	14	63.8	8.00	80.6	9.44	98.8	11.24	106.4	12.03	114.8	12.98	122.0	13.85	127.7	14.67
	16	63.8	8.11	80.6	9.56	98.8	11.41	106.4	12.17	114.8	13.28	122.0	14.15	127.7	14.86
	18	63.8	8.15	80.6	9.72	98.8	11.56	106.4	12.47	114.8	13.55	122.0	14.86	127.7	15.84
	20	63.8	8.26	80.6	9.84	98.8	12.20	106.4	13.47	114.8	14.86	122.0	16.29	127.7	17.57
	21	63.8	8.32	80.6	10.11	98.8	12.86	106.4	14.17	114.8	15.67	122.0	17.21	127.7	18.34
	23	63.8	8.76	80.6	11.09	98.8	14.18	106.4	15.65	114.8	17.48	122.0	19.14	127.7	20.42
	25	63.8	9.57	80.6	12.27	98.8	15.89	106.4	17.58	114.8	19.39	122.0	21.24	127.7	22.80
	27	63.8	10.64	80.6	13.72	98.8	17.77	106.4	19.62	114.8	21.84	122.0	23.89	127.7	25.60
	29	63.8	11.97	80.6	15.63	98.8	20.19	106.4	22.27	114.8	24.70	122.0	27.13	127.7	28.75
	31	63.8	13.63	80.6	17.76	98.8	22.85	106.4	25.21	114.8	27.43	122.0	29.55	127.7	31.18
	33	63.8	15.71	80.6	20.42	98.8	24.88	106.4	27.03	114.8	29.48	122.0	31.58	127.7	33.27
	35	63.8	17.72	80.6	21.80	98.8	26.64	106.4	28.87	114.8	31.51	122.0	33.91	127.7	35.70
	37	63.8	19.02	80.6	23.35	98.8	28.69	106.4	31.03	114.8	33.84	122.0	36.14	127.7	38.26
	39	63.8	20.24	80.6	25.03	98.8	30.68	106.4	33.14	114.8	36.07	122.0	38.74	127.7	40.99
	41	63.8	21.72	80.6	26.78	98.8	32.70	106.4	35.58	114.8	38.66	122.0	41.75	127.7	43.88
	43	63.8	23.35	80.6	28.67	98.8	35.13	106.4	38.18	114.8	41.43	122.0	44.65	127.7	47.21
	46	63.8	25.72	80.6	31.95	98.8	39.15	106.4	42.44	113.7	45.68	119.4	48.08	119.4	48.08
	48	63.8	27.81	80.6	34.04	96.8	40.95	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM780LTE5

Cooling Capacity (78HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	170.4	19.00	215.3	26.04	263.3	36.11	283.9	41.48	306.1	48.04	326.0	54.17	341.2	59.24
	12	170.4	19.42	215.3	26.72	263.3	38.60	283.9	44.61	306.1	51.47	326.0	58.13	341.2	63.42
	14	170.4	19.77	215.3	28.93	263.3	41.69	283.9	48.04	306.1	55.55	326.0	62.33	341.2	68.30
	16	170.4	21.07	215.3	31.50	263.3	45.47	283.9	52.16	306.1	60.17	326.0	67.39	341.2	73.62
	18	170.4	23.15	215.3	34.52	263.3	49.42	283.9	56.82	306.1	65.30	326.0	72.56	341.2	78.70
	20	170.4	25.68	215.3	37.87	263.3	54.20	283.9	61.70	306.1	69.83	326.0	77.64	341.2	83.91
	21	170.4	26.98	215.3	39.67	263.3	56.27	283.9	63.81	306.1	72.01	326.0	80.02	341.2	86.80
	23	170.4	29.79	215.3	43.98	263.3	60.63	283.9	68.13	306.1	77.04	326.0	85.73	341.2	93.03
	25	170.4	33.23	215.3	47.73	263.3	64.72	283.9	72.93	306.1	82.65	326.0	92.04	341.2	100.21
	27	170.4	36.95	215.3	51.26	263.3	69.29	283.9	78.36	306.1	88.82	326.0	99.68	341.2	108.53
	29	170.4	39.87	215.3	54.86	263.3	74.36	283.9	84.31	306.1	95.89	326.0	108.00	339.1	116.70
	31	170.4	42.63	215.3	58.76	263.3	80.04	283.9	90.80	306.1	104.11	326.0	117.81	332.5	122.17
	33	170.4	45.59	215.3	62.89	263.3	86.25	283.9	98.66	301.9	110.41	306.5	113.18	310.0	115.63
	35	170.4	48.96	215.3	67.59	263.3	93.35	274.0	100.22	279.1	103.28	280.8	104.40	280.8	104.40
	37	170.4	52.49	215.3	72.90	247.1	90.50	251.0	92.87	251.0	92.87	251.0	92.87	251.0	92.87
	39	170.4	56.29	214.7	78.33	222.3	82.37	222.3	82.37	222.3	82.37	222.3	82.37	222.3	82.37
	41	170.4	60.64	194.0	72.13	194.5	72.40	194.5	72.40	194.5	72.40	194.5	72.40	194.5	72.40
	43	163.8	61.48	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42
	46	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14
	48	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96
120	10	157.2	17.32	198.6	23.34	243.0	31.21	262.1	35.84	282.7	41.10	300.7	46.45	315.1	50.84
	12	157.2	17.63	198.6	23.81	243.0	33.25	262.1	38.45	282.7	44.22	300.7	49.77	315.1	54.38
	14	157.2	18.02	198.6	25.08	243.0	36.11	262.1	41.41	282.7	47.61	300.7	53.77	315.1	58.63
	16	157.2	18.62	198.6	27.32	243.0	39.24	262.1	45.05	282.7	51.73	300.7	58.01	315.1	63.44
	18	157.2	20.35	198.6	30.04	243.0	42.81	262.1	49.00	282.7	56.12	300.7	63.09	315.1	68.44
	20	157.2	22.46	198.6	33.07	243.0	46.84	262.1	53.74	282.7	60.98	300.7	67.91	315.1	73.10
	21	157.2	23.61	198.6	34.64	243.0	49.14	262.1	55.83	282.7	63.06	300.7	70.19	315.1	75.67
	23	157.2	26.33	198.6	38.36	243.0	53.43	262.1	60.20	282.7	67.66	300.7	75.00	315.1	80.80
	25	157.2	29.26	198.6	42.37	243.0	57.12	262.1	64.29	282.7	72.40	300.7	80.20	315.1	86.78
	27	157.2	32.85	198.6	45.60	243.0	61.26	262.1	68.83	282.7	77.52	300.7	86.10	315.1	93.57
	29	157.2	35.78	198.6	48.92	243.0	65.50	262.1	73.86	282.7	83.44	300.7	93.08	315.1	101.03
	31	157.2	38.41	198.6	52.44	243.0	70.57	262.1	79.50	282.7	90.16	300.7	100.94	315.1	110.07
	33	157.2	41.10	198.6	56.15	243.0	75.73	262.1	85.67	282.7	97.51	300.7	109.69	304.0	111.62
	35	157.2	44.21	198.6	60.14	243.0	81.68	262.1	92.71	273.7	100.07	277.9	102.49	280.8	104.40
	37	157.2	47.24	198.6	64.68	242.4	88.02	246.8	90.36	251.0	92.87	251.0	92.87	251.0	92.87
	39	157.2	50.70	198.6	69.85	221.1	81.66	222.3	82.37	222.3	82.37	222.3	82.37	222.3	82.37
	41	157.2	54.34	190.2	70.19	194.5	72.40	194.5	72.40	194.5	72.40	194.5	72.40	194.5	72.40
	43	157.2	58.58	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42
	46	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14
	48	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96
110	10	144.3	15.71	182.1	20.77	222.7	27.25	240.2	30.48	259.0	34.93	275.7	39.30	288.6	42.92
	12	144.3	15.88	182.1	21.20	222.7	28.48	240.2	32.59	259.0	37.47	275.7	42.25	288.6	46.13
	14	144.3	16.23	182.1	21.75	222.7	30.67	240.2	35.37	259.0	40.60	275.7	45.60	288.6	49.67
	16	144.3	16.57	182.1	23.60	222.7	33.56	240.2	38.47	259.0	43.96	275.7	49.33	288.6	53.89
	18	144.3	17.79	182.1	25.88	222.7	36.69	240.2	42.00	259.0	47.86	275.7	53.81	288.6	58.44
	20	144.3	19.62	182.1	28.62	222.7	40.26	240.2	45.95	259.0	52.50	275.7	58.71	288.6	63.14
	21	144.3	20.66	182.1	30.01	222.7	42.07	240.2	48.21	259.0	54.95	275.7	60.74	288.6	65.64
	23	144.3	22.96	182.1	33.29	222.7	46.64	240.2	52.31	259.0	59.00	275.7	65.04	288.6	69.99
	25	144.3	25.76	182.1	36.82	222.7	50.20	240.2	56.16	259.0	62.97	275.7	69.62	288.6	74.90
	27	144.3	28.74	182.1	40.38	222.7	53.78	240.2	60.07	259.0	67.52	275.7	74.57	288.6	80.44
	29	144.3	31.94	182.1	43.47	222.7	57.53	240.2	64.50	259.0	72.39	275.7	80.18	288.6	86.57
	31	144.3	34.57	182.1	46.49	222.7	61.85	240.2	69.23	259.0	78.02	275.7	86.34	288.6	93.54
	33	144.3	37.07	182.1	49.87	222.7	66.44	240.2	74.29	259.0	83.98	275.7	93.51	288.6	101.65
	35	144.3	39.72	182.1	53.55	222.7	71.34	240.2	80.16	259.0	91.01	272.1	99.10	275.1	100.82
	37	144.3	42.48	182.1	57.33	222.7	76.91	240.2	86.81	246.1	89.94	249.9	92.24	251.0	92.87
	39	144.3	45.44	182.1	61.70	216.4	79.11	220.4	81.25	222.3	82.37	222.3	82.37	222.3	82.37
	41	144.3	48.78	182.1	66.35	194.5	72.40	194.5	72.40	194.5	72.40	194.5	72.40	194.5	72.40
	43	144.3	52.31	166.5	62.69	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42
	46	129.6	51.02	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14
	48	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96

7. Capacity Tables

Cooling Capacity (78HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	131.1	14.19	165.7	18.41	202.4	23.81	218.4	26.51	235.5	29.67	250.7	32.90	262.5	35.87
	12	131.1	14.35	165.7	18.80	202.4	24.42	218.4	27.56	235.5	31.35	250.7	35.33	262.5	38.49
	14	131.1	14.70	165.7	19.15	202.4	25.91	218.4	29.69	235.5	34.04	250.7	38.25	262.5	41.65
	16	131.1	14.86	165.7	20.23	202.4	28.23	218.4	32.44	235.5	37.06	250.7	41.59	262.5	45.16
	18	131.1	15.59	165.7	22.23	202.4	31.02	218.4	35.29	235.5	40.48	250.7	45.21	262.5	49.03
	20	131.1	17.09	165.7	24.49	202.4	34.18	218.4	38.79	235.5	44.25	250.7	49.42	262.5	53.78
	21	131.1	17.96	165.7	25.67	202.4	35.79	218.4	40.79	235.5	46.52	250.7	51.90	262.5	56.11
	23	131.1	19.97	165.7	28.40	202.4	39.53	218.4	45.01	235.5	50.74	250.7	56.03	262.5	60.24
	25	131.1	22.26	165.7	31.78	202.4	43.54	218.4	48.83	235.5	54.53	250.7	59.92	262.5	64.30
	27	131.1	24.95	165.7	35.57	202.4	47.02	218.4	52.22	235.5	58.32	250.7	64.32	262.5	68.95
	29	131.1	28.11	165.7	38.22	202.4	50.16	218.4	55.87	235.5	62.64	250.7	68.70	262.5	73.90
	31	131.1	30.89	165.7	40.95	202.4	53.76	218.4	60.03	235.5	66.96	250.7	73.99	262.5	79.54
	33	131.1	32.99	165.7	43.99	202.4	57.78	218.4	64.24	235.5	72.20	250.7	79.67	262.5	85.71
	35	131.1	35.41	165.7	47.01	202.4	61.90	218.4	69.00	235.5	77.80	250.7	85.94	262.5	93.24
	37	131.1	38.02	165.7	50.51	202.4	66.53	218.4	74.52	235.5	83.94	244.1	88.95	246.9	90.48
	39	131.1	40.68	165.7	54.15	202.4	71.80	215.4	78.60	219.3	80.69	222.3	82.37	222.3	82.37
	41	131.1	43.52	165.7	58.28	191.0	70.58	194.5	72.40	194.5	72.40	194.5	72.40	194.5	72.40
	43	131.1	46.79	162.7	60.91	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42
	46	126.6	49.70	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14
	48	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96
90	10	118.1	12.78	149.0	16.23	182.2	20.77	196.6	22.88	211.8	25.39	225.5	27.76	236.3	29.73
	12	118.1	12.94	149.0	16.57	182.2	21.20	196.6	23.34	211.8	26.04	225.5	29.11	236.3	31.59
	14	118.1	13.10	149.0	16.78	182.2	21.78	196.6	24.71	211.8	28.06	225.5	31.36	236.3	34.29
	16	118.1	13.41	149.0	17.12	182.2	23.61	196.6	26.89	211.8	30.71	225.5	34.26	236.3	37.17
	18	118.1	13.57	149.0	18.75	182.2	25.88	196.6	29.39	211.8	33.53	225.5	37.46	236.3	40.56
	20	118.1	14.86	149.0	20.69	182.2	28.63	196.6	32.46	211.8	36.82	225.5	41.11	236.3	44.64
	21	118.1	15.51	149.0	21.76	182.2	30.01	196.6	34.00	211.8	38.75	225.5	43.16	236.3	46.62
	23	118.1	17.23	149.0	24.15	182.2	33.30	196.6	37.59	211.8	42.78	225.5	47.53	236.3	51.02
	25	118.1	19.26	149.0	26.88	182.2	37.03	196.6	41.68	211.8	46.60	225.5	51.30	236.3	54.84
	27	118.1	21.46	149.0	30.21	182.2	40.60	196.6	45.07	211.8	50.13	225.5	54.91	236.3	58.71
	29	118.1	24.28	149.0	33.36	182.2	43.57	196.6	48.14	211.8	53.69	225.5	58.70	236.3	62.71
	31	118.1	27.32	149.0	35.91	182.2	46.49	196.6	51.62	211.8	57.44	225.5	62.82	236.3	67.33
	33	118.1	29.35	149.0	38.52	182.2	49.95	196.6	55.34	211.8	61.50	225.5	67.48	236.3	72.37
	35	118.1	31.37	149.0	41.21	182.2	53.55	196.6	59.24	211.8	66.11	225.5	72.76	236.3	77.98
	37	118.1	33.72	149.0	44.12	182.2	57.33	196.6	63.71	211.8	71.32	225.5	78.53	236.3	84.47
	39	118.1	36.22	149.0	47.39	182.2	61.73	196.6	68.51	211.8	76.69	217.1	79.49	219.5	80.71
	41	118.1	38.56	149.0	50.84	182.2	66.38	189.7	69.95	193.2	71.73	194.5	72.40	194.5	72.40
	43	118.1	41.57	149.0	54.57	166.6	62.69	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42
	46	118.1	46.09	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14
	48	105.5	43.86	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96
80	10	104.9	11.48	132.6	14.35	161.9	17.87	174.7	19.62	188.4	21.63	200.5	23.57	209.9	25.13
	12	104.9	11.64	132.6	14.54	161.9	18.21	174.7	19.97	188.4	22.06	200.5	24.04	209.9	25.63
	14	104.9	11.76	132.6	14.82	161.9	18.61	174.7	20.39	188.4	22.88	200.5	25.59	209.9	27.68
	16	104.9	11.92	132.6	15.05	161.9	19.54	174.7	21.92	188.4	25.05	200.5	27.85	209.9	30.14
	18	104.9	12.23	132.6	15.81	161.9	21.38	174.7	24.26	188.4	27.40	200.5	30.43	209.9	33.05
	20	104.9	12.79	132.6	17.33	161.9	23.57	174.7	26.68	188.4	30.27	200.5	33.49	209.9	36.39
	21	104.9	13.31	132.6	18.20	161.9	24.80	174.7	28.02	188.4	31.73	200.5	35.27	209.9	38.05
	23	104.9	14.77	132.6	20.27	161.9	27.45	174.7	31.12	188.4	35.16	200.5	38.82	209.9	42.04
	25	104.9	16.34	132.6	22.57	161.9	30.66	174.7	34.46	188.4	39.11	200.5	43.09	209.9	46.08
	27	104.9	18.42	132.6	25.33	161.9	34.37	174.7	38.12	188.4	42.47	200.5	46.24	209.9	49.35
	29	104.9	20.83	132.6	28.50	161.9	37.20	174.7	41.04	188.4	45.45	200.5	49.62	209.9	52.88
	31	104.9	23.55	132.6	31.24	161.9	39.82	174.7	44.15	188.4	48.79	200.5	52.91	209.9	56.67
	33	104.9	25.75	132.6	33.34	161.9	42.89	174.7	47.18	188.4	52.04	200.5	57.01	209.9	60.60
	35	104.9	27.76	132.6	35.77	161.9	45.85	174.7	50.63	188.4	56.07	200.5	61.06	209.9	65.15
	37	104.9	29.70	132.6	38.41	161.9	49.23	174.7	54.24	188.4	60.00	200.5	65.56	209.9	70.32
	39	104.9	31.74	132.6	41.07	161.9	52.79	174.7	58.18	188.4	64.55	200.5	70.55	209.9	75.61
	41	104.9	34.09	132.6	44.22	161.9	56.54	174.7	62.53	187.8	68.99	190.6	70.33	192.8	71.47
	43	104.9	36.64	132.6	47.26	161.9	60.57	164.8	61.95	167.9	63.42	167.9	63.42	167.9	63.42
	46	104.9	40.47	126.9	49.81	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14
	48	102.5	42.63	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96

7. Capacity Tables

Cooling Capacity (78HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	91.7	10.30	115.8	12.51	141.9	15.40	152.9	16.74	164.9	18.26	175.5	19.77	183.7	20.97
	12	91.7	10.45	115.8	12.66	141.9	15.71	152.9	17.12	164.9	18.61	175.5	20.20	183.7	21.40
	14	91.7	10.54	115.8	12.94	141.9	15.88	152.9	17.32	164.9	19.00	175.5	20.59	183.7	22.04
	16	91.7	10.69	115.8	13.10	141.9	16.23	152.9	17.88	164.9	20.05	175.5	22.14	183.7	23.91
	18	91.7	10.81	115.8	13.41	141.9	17.44	152.9	19.50	164.9	21.96	175.5	24.30	183.7	26.22
	20	91.7	11.02	115.8	14.48	141.9	19.13	152.9	21.54	164.9	24.22	175.5	26.75	183.7	28.98
	21	91.7	11.51	115.8	15.20	141.9	20.11	152.9	22.65	164.9	25.45	175.5	28.24	183.7	30.39
	23	91.7	12.61	115.8	16.78	141.9	22.34	152.9	25.11	164.9	28.32	175.5	31.19	183.7	33.68
	25	91.7	13.91	115.8	18.76	141.9	25.10	152.9	28.13	164.9	31.43	175.5	34.81	183.7	37.46
	27	91.7	15.49	115.8	21.03	141.9	28.06	152.9	31.40	164.9	35.22	175.5	38.44	183.7	41.00
	29	91.7	17.56	115.8	23.80	141.9	31.32	152.9	34.63	164.9	38.15	175.5	41.39	183.7	43.96
	31	91.7	19.88	115.8	26.76	141.9	33.87	152.9	37.00	164.9	40.83	175.5	44.19	183.7	46.99
	33	91.7	22.51	115.8	28.78	141.9	36.33	152.9	39.68	164.9	43.71	175.5	47.49	183.7	50.41
	35	91.7	24.16	115.8	30.77	141.9	38.98	152.9	42.65	164.9	46.94	175.5	50.67	183.7	54.01
	37	91.7	25.92	115.8	33.08	141.9	41.67	152.9	45.61	164.9	50.12	175.5	54.66	183.7	58.11
	39	91.7	27.69	115.8	35.51	141.9	44.58	152.9	48.98	164.9	53.72	175.5	58.52	183.7	62.23
	41	91.7	29.64	115.8	37.81	141.9	47.89	152.9	52.60	164.9	57.90	175.5	62.99	183.7	66.93
	43	91.7	31.92	115.8	40.78	141.9	51.38	152.9	56.35	162.5	60.90	165.0	61.96	166.9	62.92
	46	91.7	35.52	115.8	45.23	129.0	50.79	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14
	48	91.7	38.08	105.0	43.66	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96
60	10	78.8	9.19	99.4	10.96	121.6	13.10	131.0	14.19	141.2	15.36	150.5	16.42	157.5	17.32
	12	78.8	9.33	99.4	11.09	121.6	13.25	131.0	14.35	141.2	15.56	150.5	16.74	157.5	17.67
	14	78.8	9.45	99.4	11.24	121.6	13.57	131.0	14.70	141.2	15.88	150.5	16.97	157.5	18.02
	16	78.8	9.54	99.4	11.36	121.6	13.73	131.0	14.86	141.2	16.19	150.5	17.41	157.5	18.77
	18	78.8	9.66	99.4	11.64	121.6	14.15	131.0	15.59	141.2	17.28	150.5	19.01	157.5	20.35
	20	78.8	9.78	99.4	12.03	121.6	15.36	131.0	17.09	141.2	19.08	150.5	20.96	157.5	22.64
	21	78.8	9.87	99.4	12.51	121.6	16.20	131.0	17.93	141.2	20.08	150.5	22.07	157.5	23.80
	23	78.8	10.65	99.4	13.85	121.6	17.99	131.0	19.97	141.2	22.31	150.5	24.46	157.5	26.37
	25	78.8	11.71	99.4	15.34	121.6	19.96	131.0	22.26	141.2	24.83	150.5	27.44	157.5	29.29
	27	78.8	13.01	99.4	17.07	121.6	22.37	131.0	24.95	141.2	27.76	150.5	30.63	157.5	32.85
	29	78.8	14.59	99.4	19.34	121.6	25.26	131.0	28.11	141.2	31.24	150.5	33.93	157.5	35.99
	31	78.8	16.71	99.4	22.08	121.6	28.30	131.0	30.89	141.2	33.62	150.5	36.26	157.5	38.44
	33	78.8	19.11	99.4	24.50	121.6	30.36	131.0	32.99	141.2	36.08	150.5	38.91	157.5	41.34
	35	78.8	21.01	99.4	26.25	121.6	32.42	131.0	35.41	141.2	38.63	150.5	41.63	157.5	44.25
	37	78.8	22.39	99.4	28.09	121.6	34.81	131.0	38.02	141.2	41.39	150.5	44.78	157.5	47.28
	39	78.8	23.97	99.4	30.08	121.6	37.31	131.0	40.68	141.2	44.55	150.5	47.82	157.5	50.73
	41	78.8	25.73	99.4	32.35	121.6	40.00	131.0	43.52	141.2	47.61	150.5	51.31	157.5	54.37
	43	78.8	27.54	99.4	34.51	121.6	42.82	131.0	46.79	141.2	51.07	150.5	55.37	157.5	58.59
	46	78.8	30.74	99.4	38.43	121.6	47.69	126.5	49.70	128.9	50.69	129.9	51.14	129.9	51.14
	48	78.8	32.89	99.4	41.21	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96
50	10	65.5	8.30	82.7	9.57	101.4	11.09	109.2	11.92	117.8	12.66	125.2	13.57	131.1	14.19
	12	65.5	8.30	82.7	9.66	101.4	11.24	109.2	12.07	117.8	12.94	125.2	13.73	131.1	14.35
	14	65.5	8.42	82.7	9.78	101.4	11.48	109.2	12.23	117.8	13.10	125.2	13.91	131.1	14.70
	16	65.5	8.51	82.7	9.90	101.4	11.64	109.2	12.35	117.8	13.37	125.2	14.19	131.1	14.86
	18	65.5	8.54	82.7	10.05	101.4	11.76	109.2	12.63	117.8	13.57	125.2	14.75	131.1	15.59
	20	65.5	8.65	82.7	10.18	101.4	12.22	109.2	13.40	117.8	14.71	125.2	16.06	131.1	17.24
	21	65.5	8.71	82.7	10.33	101.4	12.86	109.2	14.09	117.8	15.51	125.2	16.93	131.1	17.96
	23	65.5	9.05	82.7	11.22	101.4	14.12	109.2	15.50	117.8	17.23	125.2	18.81	131.1	20.00
	25	65.5	9.77	82.7	12.36	101.4	15.76	109.2	17.33	117.8	19.07	125.2	20.80	131.1	22.31
	27	65.5	10.80	82.7	13.75	101.4	17.56	109.2	19.35	117.8	21.46	125.2	23.38	131.1	24.99
	29	65.5	12.07	82.7	15.59	101.4	19.92	109.2	21.87	117.8	24.18	125.2	26.53	131.1	28.14
	31	65.5	13.65	82.7	17.65	101.4	22.50	109.2	24.89	117.8	27.13	125.2	29.32	131.1	30.93
	33	65.5	15.66	82.7	20.34	101.4	24.88	109.2	26.97	117.8	29.35	125.2	31.37	131.1	32.99
	35	65.5	17.82	82.7	21.87	101.4	26.60	109.2	28.78	117.8	31.37	125.2	33.69	131.1	35.42
	37	65.5	19.17	82.7	23.50	101.4	28.69	109.2	30.97	117.8	33.68	125.2	35.91	131.1	38.02
	39	65.5	20.47	82.7	25.16	101.4	30.68	109.2	33.08	117.8	35.90	125.2	38.56	131.1	40.68
	41	65.5	21.98	82.7	26.97	101.4	32.75	109.2	35.58	117.8	38.55	125.2	41.49	131.1	43.56
	43	65.5	23.67	82.7	28.92	101.4	35.18	109.2	38.12	117.8	41.25	125.2	44.38	131.1	46.80
	46	65.5	26.11	82.7	32.22	101.4	39.22	109.2	42.38	117.8	46.05	125.2	49.17	126.6	49.71
	48	65.5	28.28	82.7	34.39	101.4	42.03	103.5	43.04	105.5	43.86	105.7	43.96	105.7	43.96

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM800LTE5

Cooling Capacity (80HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	174.8	19.68	220.8	27.16	270.0	38.08	291.2	43.88	314.0	50.80	334.4	57.28	350.0	62.68
	12	174.8	20.12	220.8	27.92	270.0	40.76	291.2	47.12	314.0	54.36	334.4	61.48	350.0	67.12
	14	174.8	20.52	220.8	30.56	270.0	44.04	291.2	50.76	314.0	58.68	334.4	65.88	350.0	72.24
	16	174.8	22.12	220.8	33.16	270.0	48.04	291.2	55.12	314.0	63.60	334.4	71.28	350.0	77.88
	18	174.8	24.28	220.8	36.36	270.0	52.16	291.2	60.08	314.0	69.04	334.4	76.52	350.0	82.88
	20	174.8	26.96	220.8	39.92	270.0	57.24	291.2	65.04	314.0	73.36	334.4	81.64	350.0	88.32
	21	174.8	28.32	220.8	41.72	270.0	59.24	291.2	67.12	314.0	75.64	334.4	84.12	350.0	91.44
	23	174.8	31.24	220.8	46.36	270.0	63.56	291.2	71.48	314.0	80.88	334.4	90.28	350.0	98.08
	25	174.8	34.88	220.8	50.00	270.0	67.80	291.2	76.56	314.0	86.92	334.4	97.00	350.0	105.84
	27	174.8	38.76	220.8	53.60	270.0	72.72	291.2	82.40	314.0	93.48	334.4	105.24	350.0	114.84
	29	174.8	41.52	220.8	57.40	270.0	78.00	291.2	88.72	314.0	101.12	334.4	114.36	347.2	123.32
	31	174.8	44.44	220.8	61.44	270.0	84.12	291.2	95.64	314.0	110.00	334.4	125.00	338.4	127.96
	33	174.8	47.48	220.8	65.72	270.0	90.72	291.2	104.12	308.4	116.16	308.4	116.16	308.4	116.16
	35	174.8	51.04	220.8	70.68	270.0	98.40	278.0	104.04	278.0	104.04	278.0	104.04	278.0	104.04
	37	174.8	54.76	220.8	76.40	248.4	92.52	248.4	92.52	248.4	92.52	248.4	92.52	248.4	92.52
	39	174.8	58.68	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04
	41	174.8	63.28	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08
	43	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12
	46	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88
120	10	161.2	17.92	203.6	24.28	249.2	32.64	268.8	37.72	290.0	43.48	308.4	49.16	323.2	53.76
	12	161.2	18.28	203.6	24.76	249.2	35.12	268.8	40.68	290.0	46.72	308.4	52.60	323.2	57.44
	14	161.2	18.68	203.6	26.32	249.2	38.12	268.8	43.68	290.0	50.32	308.4	56.84	323.2	61.96
	16	161.2	19.36	203.6	28.72	249.2	41.44	268.8	47.60	290.0	54.68	308.4	61.28	323.2	67.08
	18	161.2	21.32	203.6	31.60	249.2	45.16	268.8	51.72	290.0	59.28	308.4	66.68	323.2	72.28
	20	161.2	23.52	203.6	34.80	249.2	49.36	268.8	56.76	290.0	64.24	308.4	71.44	323.2	76.76
	21	161.2	24.72	203.6	36.44	249.2	51.84	268.8	58.80	290.0	66.28	308.4	73.68	323.2	79.52
	23	161.2	27.60	203.6	40.32	249.2	56.16	268.8	63.12	290.0	71.00	308.4	78.76	323.2	84.96
	25	161.2	30.64	203.6	44.52	249.2	59.72	268.8	67.36	290.0	76.00	308.4	84.28	323.2	91.32
	27	161.2	34.44	203.6	47.56	249.2	64.16	268.8	72.24	290.0	81.44	308.4	90.64	323.2	98.64
	29	161.2	37.20	203.6	51.04	249.2	68.56	268.8	77.48	290.0	87.72	308.4	98.08	323.2	106.72
	31	161.2	39.88	203.6	54.76	249.2	74.00	268.8	83.56	290.0	94.96	308.4	106.68	323.2	116.60
	33	161.2	42.72	203.6	58.68	249.2	79.48	268.8	90.12	290.0	102.92	308.4	116.16	308.4	116.16
	35	161.2	46.00	203.6	62.80	249.2	85.80	268.8	97.72	278.0	104.04	278.0	104.04	278.0	104.04
	37	161.2	49.12	203.6	67.60	248.4	92.52	248.4	92.52	248.4	92.52	248.4	92.52	248.4	92.52
	39	161.2	52.76	203.6	73.16	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04
	41	161.2	56.60	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08
	43	161.2	61.08	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12
	46	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88
110	10	148.0	16.24	186.8	21.60	228.4	28.40	246.4	31.84	265.6	36.68	282.8	41.52	296.0	45.44
	12	148.0	16.40	186.8	22.04	228.4	29.88	246.4	34.40	265.6	39.60	282.8	44.68	296.0	48.76
	14	148.0	16.76	186.8	22.64	228.4	32.36	246.4	37.36	265.6	42.84	282.8	48.16	296.0	52.44
	16	148.0	17.16	186.8	24.80	228.4	35.36	246.4	40.64	265.6	46.40	282.8	52.04	296.0	56.92
	18	148.0	18.56	186.8	27.16	228.4	38.68	246.4	44.32	265.6	50.48	282.8	56.80	296.0	61.68
	20	148.0	20.52	186.8	30.08	228.4	42.40	246.4	48.44	265.6	55.40	282.8	61.96	296.0	66.48
	21	148.0	21.60	186.8	31.52	228.4	44.28	246.4	50.88	265.6	57.92	282.8	63.96	296.0	68.96
	23	148.0	24.00	186.8	35.00	228.4	49.12	246.4	54.96	265.6	61.80	282.8	68.20	296.0	73.40
	25	148.0	26.96	186.8	38.68	228.4	52.44	246.4	58.80	265.6	66.00	282.8	73.04	296.0	78.60
	27	148.0	30.12	186.8	42.16	228.4	56.20	246.4	62.84	265.6	70.80	282.8	78.28	296.0	84.56
	29	148.0	33.36	186.8	45.36	228.4	60.16	246.4	67.52	265.6	75.96	282.8	84.32	296.0	91.08
	31	148.0	35.88	186.8	48.48	228.4	64.72	246.4	72.52	265.6	81.92	282.8	90.88	296.0	98.60
	33	148.0	38.52	186.8	52.04	228.4	69.56	246.4	77.88	265.6	88.36	282.8	98.52	296.0	107.36
	35	148.0	41.24	186.8	55.84	228.4	74.76	246.4	84.12	265.6	95.84	278.0	104.04	278.0	104.04
	37	148.0	44.16	186.8	59.84	228.4	80.76	246.4	91.28	248.4	92.52	248.4	92.52	248.4	92.52
	39	148.0	47.20	186.8	64.44	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04
	41	148.0	50.72	186.8	69.36	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08
	43	148.0	54.44	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12
	46	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88

7. Capacity Tables

Cooling Capacity (80HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	134.4	14.64	170.0	19.08	207.6	24.76	224.0	27.64	241.6	31.00	257.2	34.48	269.2	37.76
	12	134.4	14.80	170.0	19.48	207.6	25.44	224.0	28.88	241.6	33.00	257.2	37.32	269.2	40.72
	14	134.4	15.16	170.0	19.88	207.6	27.28	224.0	31.28	241.6	35.92	257.2	40.40	269.2	44.00
	16	134.4	15.32	170.0	21.20	207.6	29.72	224.0	34.20	241.6	39.12	257.2	43.88	269.2	47.64
	18	134.4	16.24	170.0	23.32	207.6	32.68	224.0	37.16	241.6	42.68	257.2	47.72	269.2	51.76
	20	134.4	17.80	170.0	25.68	207.6	35.96	224.0	40.80	241.6	46.68	257.2	52.12	269.2	56.80
	21	134.4	18.76	170.0	26.96	207.6	37.64	224.0	42.96	241.6	49.04	257.2	54.72	269.2	59.16
	23	134.4	20.84	170.0	29.80	207.6	41.60	224.0	47.36	241.6	53.32	257.2	58.76	269.2	63.16
	25	134.4	23.28	170.0	33.32	207.6	45.68	224.0	51.16	241.6	57.04	257.2	62.76	269.2	67.36
	27	134.4	26.08	170.0	37.32	207.6	49.08	224.0	54.52	241.6	61.04	257.2	67.40	269.2	72.28
	29	134.4	29.36	170.0	39.76	207.6	52.32	224.0	58.36	241.6	65.60	257.2	71.96	269.2	77.52
	31	134.4	32.04	170.0	42.56	207.6	56.12	224.0	62.84	241.6	70.08	257.2	77.64	269.2	83.60
	33	134.4	34.20	170.0	45.84	207.6	60.44	224.0	67.20	241.6	75.72	257.2	83.76	269.2	90.16
	35	134.4	36.76	170.0	48.96	207.6	64.72	224.0	72.24	241.6	81.76	257.2	90.44	269.2	98.28
	37	134.4	39.44	170.0	52.56	207.6	69.60	224.0	78.08	241.6	88.28	248.4	92.52	248.4	92.52
	39	134.4	42.24	170.0	56.40	207.6	75.28	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04
	41	134.4	45.16	170.0	60.84	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08
	43	134.4	48.60	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12
	46	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88
90	10	121.2	13.16	152.8	16.76	186.8	21.60	201.6	23.80	217.2	26.44	231.2	28.92	242.4	31.00
	12	121.2	13.32	152.8	17.16	186.8	22.04	201.6	24.28	217.2	27.16	231.2	30.56	242.4	33.32
	14	121.2	13.48	152.8	17.32	186.8	22.68	201.6	25.96	217.2	29.60	231.2	33.08	242.4	36.24
	16	121.2	13.80	152.8	17.72	186.8	24.80	201.6	28.32	217.2	32.40	231.2	36.08	242.4	39.16
	18	121.2	13.96	152.8	19.60	186.8	27.16	201.6	30.92	217.2	35.28	231.2	39.48	242.4	42.76
	20	121.2	15.48	152.8	21.68	186.8	30.08	201.6	34.12	217.2	38.76	231.2	43.28	242.4	47.08
	21	121.2	16.12	152.8	22.80	186.8	31.52	201.6	35.72	217.2	40.84	231.2	45.48	242.4	49.16
	23	121.2	17.96	152.8	25.28	186.8	35.00	201.6	39.52	217.2	45.04	231.2	50.04	242.4	53.68
	25	121.2	20.12	152.8	28.12	186.8	38.96	201.6	43.76	217.2	48.80	231.2	53.64	242.4	57.44
	27	121.2	22.36	152.8	31.64	186.8	42.44	201.6	47.08	217.2	52.36	231.2	57.44	242.4	61.44
	29	121.2	25.28	152.8	34.76	186.8	45.40	201.6	50.24	217.2	56.12	231.2	61.44	242.4	65.68
	31	121.2	28.44	152.8	37.32	186.8	48.48	201.6	53.92	217.2	60.08	231.2	65.72	242.4	70.56
	33	121.2	30.40	152.8	40.00	186.8	52.04	201.6	57.76	217.2	64.28	231.2	70.64	242.4	75.80
	35	121.2	32.48	152.8	42.84	186.8	55.84	201.6	61.88	217.2	69.16	231.2	76.32	242.4	81.84
	37	121.2	34.96	152.8	45.84	186.8	59.84	201.6	66.60	217.2	74.76	231.2	82.44	242.4	88.84
	39	121.2	37.52	152.8	49.28	186.8	64.48	201.6	71.68	217.2	80.36	220.0	82.04	220.0	82.04
	41	121.2	39.92	152.8	52.92	186.8	69.40	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08
	43	121.2	43.08	152.8	56.76	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12
	46	121.2	47.80	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88
80	10	107.6	11.80	136.0	14.80	166.0	18.48	179.2	20.32	193.2	22.48	205.6	24.52	215.2	26.16
	12	107.6	11.96	136.0	15.00	166.0	18.88	179.2	20.72	193.2	22.92	205.6	25.00	215.2	26.68
	14	107.6	12.08	136.0	15.32	166.0	19.28	179.2	21.16	193.2	23.88	205.6	26.92	215.2	29.20
	16	107.6	12.24	136.0	15.52	166.0	20.40	179.2	23.00	193.2	26.36	205.6	29.32	215.2	31.76
	18	107.6	12.56	136.0	16.48	166.0	22.44	179.2	25.48	193.2	28.80	205.6	32.00	215.2	34.84
	20	107.6	13.24	136.0	18.04	166.0	24.72	179.2	28.00	193.2	31.84	205.6	35.24	215.2	38.32
	21	107.6	13.80	136.0	19.00	166.0	26.00	179.2	29.40	193.2	33.36	205.6	37.16	215.2	40.04
	23	107.6	15.36	136.0	21.16	166.0	28.76	179.2	32.68	193.2	37.00	205.6	40.80	215.2	44.20
	25	107.6	17.00	136.0	23.60	166.0	32.16	179.2	36.16	193.2	41.12	205.6	45.24	215.2	48.36
	27	107.6	19.16	136.0	26.48	166.0	36.08	179.2	39.92	193.2	44.36	205.6	48.28	215.2	51.56
	29	107.6	21.72	136.0	29.76	166.0	38.64	179.2	42.72	193.2	47.40	205.6	51.84	215.2	55.28
	31	107.6	24.48	136.0	32.40	166.0	41.40	179.2	46.00	193.2	50.92	205.6	55.24	215.2	59.20
	33	107.6	26.60	136.0	34.56	166.0	44.64	179.2	49.12	193.2	54.28	205.6	59.56	215.2	63.36
	35	107.6	28.72	136.0	37.12	166.0	47.68	179.2	52.76	193.2	58.52	205.6	63.76	215.2	68.16
	37	107.6	30.72	136.0	39.84	166.0	51.24	179.2	56.56	193.2	62.68	205.6	68.60	215.2	73.72
	39	107.6	32.80	136.0	42.64	166.0	55.00	179.2	60.64	193.2	67.48	205.6	73.80	215.2	79.24
	41	107.6	35.28	136.0	45.96	166.0	58.96	179.2	65.32	192.4	72.08	192.4	72.08	192.4	72.08
	43	107.6	37.88	136.0	49.08	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12
	46	107.6	41.88	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88

7. Capacity Tables

Cooling Capacity (80HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	94.0	10.52	118.8	12.84	145.6	15.88	156.8	17.32	169.2	18.88	180.0	20.52	188.4	21.80
	12	94.0	10.68	118.8	13.00	145.6	16.24	156.8	17.72	169.2	19.28	180.0	20.96	188.4	22.24
	14	94.0	10.80	118.8	13.32	145.6	16.40	156.8	17.92	169.2	19.68	180.0	21.36	188.4	22.96
	16	94.0	10.96	118.8	13.48	145.6	16.76	156.8	18.56	169.2	20.96	180.0	23.28	188.4	25.12
	18	94.0	11.08	118.8	13.80	145.6	18.24	156.8	20.44	169.2	23.04	180.0	25.52	188.4	27.52
	20	94.0	11.32	118.8	15.04	145.6	19.96	156.8	22.56	169.2	25.40	180.0	28.08	188.4	30.44
	21	94.0	11.88	118.8	15.84	145.6	21.04	156.8	23.72	169.2	26.68	180.0	29.68	188.4	31.92
	23	94.0	13.04	118.8	17.44	145.6	23.36	156.8	26.28	169.2	29.72	180.0	32.76	188.4	35.40
	25	94.0	14.40	118.8	19.56	145.6	26.28	156.8	29.48	169.2	32.96	180.0	36.52	188.4	39.40
	27	94.0	16.04	118.8	21.96	145.6	29.36	156.8	32.88	169.2	36.96	180.0	40.24	188.4	42.84
	29	94.0	18.24	118.8	24.84	145.6	32.68	156.8	36.08	169.2	39.68	180.0	43.08	188.4	45.80
	31	94.0	20.64	118.8	27.84	145.6	35.16	156.8	38.44	169.2	42.52	180.0	46.04	188.4	48.92
	33	94.0	23.24	118.8	29.76	145.6	37.76	156.8	41.20	169.2	45.48	180.0	49.52	188.4	52.52
	35	94.0	24.92	118.8	31.80	145.6	40.48	156.8	44.40	169.2	48.88	180.0	52.80	188.4	56.32
	37	94.0	26.72	118.8	34.24	145.6	43.32	156.8	47.44	169.2	52.16	180.0	57.00	188.4	60.72
	39	94.0	28.60	118.8	36.80	145.6	46.32	156.8	51.00	169.2	55.96	180.0	61.08	188.4	65.00
	41	94.0	30.60	118.8	39.16	145.6	49.80	156.8	54.72	169.2	60.36	180.0	65.80	188.4	69.96
	43	94.0	33.00	118.8	42.28	145.6	53.48	156.8	58.68	166.0	63.12	166.0	63.12	166.0	63.12
	46	94.0	36.68	118.8	46.92	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	94.0	39.36	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88
60	10	80.8	9.36	102.0	11.24	124.8	13.48	134.4	14.64	144.8	15.88	154.4	16.96	161.6	17.92
	12	80.8	9.52	102.0	11.36	124.8	13.64	134.4	14.80	144.8	16.04	154.4	17.32	161.6	18.28
	14	80.8	9.64	102.0	11.52	124.8	13.96	134.4	15.16	144.8	16.40	154.4	17.52	161.6	18.68
	16	80.8	9.76	102.0	11.64	124.8	14.12	134.4	15.32	144.8	16.76	154.4	18.04	161.6	19.56
	18	80.8	9.88	102.0	11.96	124.8	14.64	134.4	16.24	144.8	18.04	154.4	19.88	161.6	21.32
	20	80.8	10.00	102.0	12.44	124.8	16.00	134.4	17.80	144.8	19.96	154.4	21.96	161.6	23.76
	21	80.8	10.12	102.0	12.92	124.8	16.88	134.4	18.72	144.8	21.00	154.4	23.12	161.6	24.96
	23	80.8	10.96	102.0	14.36	124.8	18.80	134.4	20.84	144.8	23.32	154.4	25.60	161.6	27.64
	25	80.8	12.08	102.0	15.92	124.8	20.80	134.4	23.28	144.8	26.00	154.4	28.76	161.6	30.68
	27	80.8	13.44	102.0	17.72	124.8	23.36	134.4	26.08	144.8	29.04	154.4	32.08	161.6	34.44
	29	80.8	15.08	102.0	20.12	124.8	26.36	134.4	29.36	144.8	32.68	154.4	35.40	161.6	37.48
	31	80.8	17.32	102.0	22.96	124.8	29.40	134.4	32.04	144.8	34.84	154.4	37.68	161.6	39.92
	33	80.8	19.80	102.0	25.32	124.8	31.44	134.4	34.20	144.8	37.44	154.4	40.40	161.6	43.04
	35	80.8	21.64	102.0	27.12	124.8	33.56	134.4	36.76	144.8	40.12	154.4	43.28	161.6	46.04
	37	80.8	23.00	102.0	29.00	124.8	36.08	134.4	39.44	144.8	42.96	154.4	46.60	161.6	49.16
	39	80.8	24.68	102.0	31.04	124.8	38.72	134.4	42.24	144.8	46.28	154.4	49.72	161.6	52.80
	41	80.8	26.48	102.0	33.44	124.8	41.48	134.4	45.16	144.8	49.44	154.4	53.40	161.6	56.64
	43	80.8	28.40	102.0	35.64	124.8	44.36	134.4	48.60	144.8	53.08	154.4	57.68	161.6	61.08
	46	80.8	31.72	102.0	39.80	124.8	49.52	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	80.8	33.92	102.0	42.64	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88
50	10	67.2	8.44	84.8	9.76	104.0	11.36	112.0	12.24	120.8	13.00	128.4	13.96	134.4	14.64
	12	67.2	8.44	84.8	9.88	104.0	11.52	112.0	12.40	120.8	13.32	128.4	14.12	134.4	14.80
	14	67.2	8.56	84.8	10.00	104.0	11.80	112.0	12.56	120.8	13.48	128.4	14.32	134.4	15.16
	16	67.2	8.68	84.8	10.12	104.0	11.96	112.0	12.68	120.8	13.80	128.4	14.64	134.4	15.32
	18	67.2	8.68	84.8	10.28	104.0	12.08	112.0	13.00	120.8	13.96	128.4	15.28	134.4	16.24
	20	67.2	8.80	84.8	10.40	104.0	12.64	112.0	13.92	120.8	15.28	128.4	16.72	134.4	18.00
	21	67.2	8.88	84.8	10.60	104.0	13.32	112.0	14.64	120.8	16.12	128.4	17.64	134.4	18.76
	23	67.2	9.24	84.8	11.56	104.0	14.64	112.0	16.12	120.8	17.96	128.4	19.64	134.4	20.88
	25	67.2	10.04	84.8	12.76	104.0	16.40	112.0	18.08	120.8	19.88	128.4	21.72	134.4	23.28
	27	67.2	11.12	84.8	14.20	104.0	18.28	112.0	20.12	120.8	22.36	128.4	24.40	134.4	26.12
	29	67.2	12.44	84.8	16.16	104.0	20.72	112.0	22.80	120.8	25.24	128.4	27.72	134.4	29.40
	31	67.2	14.12	84.8	18.28	104.0	23.40	112.0	25.92	120.8	28.20	128.4	30.40	134.4	32.08
	33	67.2	16.20	84.8	21.12	104.0	25.64	112.0	27.84	120.8	30.40	128.4	32.48	134.4	34.20
	35	67.2	18.32	84.8	22.52	104.0	27.48	112.0	29.76	120.8	32.48	128.4	34.92	134.4	36.76
	37	67.2	19.72	84.8	24.20	104.0	29.68	112.0	32.08	120.8	34.92	128.4	37.20	134.4	39.44
	39	67.2	21.00	84.8	25.96	104.0	31.72	112.0	34.24	120.8	37.20	128.4	39.92	134.4	42.24
	41	67.2	22.60	84.8	27.80	104.0	33.84	112.0	36.80	120.8	39.92	128.4	43.08	134.4	45.20
	43	67.2	24.32	84.8	29.80	104.0	36.40	112.0	39.48	120.8	42.76	128.4	46.04	134.4	48.60
	46	67.2	26.80	84.8	33.24	104.0	40.60	112.0	43.92	120.8	47.76	128.4	50.96	128.4	50.96
	48	67.2	29.08	84.8	35.44	104.0	43.48	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

7.1.2 SLC Mode

◆ ARUM080LTE5

Cooling Capacity (8HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	6.2	1.17	9.6	1.30	12.2	1.50	12.6	1.53	13.1	1.58	14.0	1.67	19.8	2.22
	12	6.2	1.17	9.6	1.32	12.2	1.52	12.6	1.55	13.1	1.60	14.0	1.68	19.8	2.27
	14	6.2	1.17	9.6	1.33	12.2	1.53	12.6	1.58	13.1	1.62	14.0	1.70	19.8	2.31
	16	6.2	1.17	9.6	1.35	12.2	1.55	12.6	1.60	13.1	1.63	14.0	1.72	19.8	2.33
	18	6.2	1.17	9.6	1.36	12.2	1.57	12.6	1.62	13.1	1.65	14.0	1.74	19.8	2.38
	20	6.2	1.17	9.6	1.38	12.2	1.60	12.6	1.63	13.1	1.68	14.0	1.77	19.8	2.42
	21	6.9	1.27	10.5	1.56	13.2	1.88	13.7	1.96	14.3	2.06	15.3	2.20	20.8	2.84
	23	8.4	1.55	12.1	2.02	15.1	2.51	15.9	2.70	16.7	2.91	17.9	3.17	22.9	3.84
	25	9.9	1.93	13.8	2.56	17.1	3.27	18.1	3.57	19.2	3.94	20.5	4.32	24.9	5.20
	27	11.4	2.41	15.4	3.19	19.1	4.17	20.3	4.60	21.6	5.13	23.1	5.70	26.9	6.81
	29	13.0	2.93	17.1	3.92	21.1	5.20	22.5	5.83	24.1	6.59	25.7	7.41	28.9	8.59
	31	14.5	3.52	18.8	4.76	23.1	6.49	24.7	7.33	26.5	8.35	27.4	8.87	29.0	9.20
	33	16.0	4.22	20.4	5.78	25.0	7.89	26.9	8.98	27.1	9.10	27.3	9.12	28.0	9.30
	35	17.5	4.99	22.1	6.87	26.4	9.13	26.4	9.13	26.4	9.13	26.4	9.13	26.4	9.13
	37	17.5	5.34	22.1	7.41	23.6	8.18	23.6	8.18	23.6	8.18	23.6	8.18	23.6	8.18
	39	17.5	5.75	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31
	41	17.5	6.14	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53
	43	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78
	46	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12
120	10	5.7	1.17	8.9	1.26	11.2	1.42	11.7	1.45	12.1	1.50	13.0	1.57	18.3	2.06
	12	5.7	1.17	8.9	1.26	11.2	1.44	11.7	1.47	12.1	1.52	13.0	1.58	18.3	2.10
	14	5.7	1.17	8.9	1.27	11.2	1.45	11.7	1.48	12.1	1.53	13.0	1.60	18.3	2.12
	16	5.7	1.17	8.9	1.29	11.2	1.47	11.7	1.50	12.1	1.55	13.0	1.62	18.3	2.16
	18	5.7	1.17	8.9	1.30	11.2	1.48	11.7	1.53	12.1	1.57	13.0	1.65	18.3	2.20
	20	5.7	1.17	8.9	1.30	11.2	1.50	11.7	1.55	12.1	1.58	13.0	1.67	18.3	2.25
	21	6.4	1.25	9.7	1.45	12.2	1.74	12.7	1.83	13.2	1.91	14.1	2.03	19.2	2.61
	23	7.8	1.48	11.2	1.85	14.0	2.31	14.7	2.46	15.5	2.65	16.5	2.87	21.1	3.45
	25	9.2	1.79	12.7	2.35	15.8	2.97	16.7	3.22	17.7	3.52	18.9	3.84	23.0	4.51
	27	10.6	2.25	14.3	2.90	17.6	3.73	18.8	4.10	20.0	4.55	21.3	4.99	24.8	5.91
	29	12.0	2.70	15.8	3.55	19.5	4.64	20.8	5.15	22.2	5.76	23.7	6.40	26.7	7.38
	31	13.3	3.22	17.3	4.29	21.3	5.72	22.8	6.39	24.5	7.22	26.1	8.10	28.6	9.10
	33	14.7	3.83	18.8	5.17	23.1	6.93	24.9	7.83	26.7	8.91	27.1	9.10	27.8	9.25
	35	16.1	4.54	20.4	6.12	24.9	8.28	26.4	9.13	26.4	9.13	26.4	9.13	26.4	9.13
	37	16.1	4.84	20.4	6.57	23.6	8.18	23.6	8.18	23.6	8.18	23.6	8.18	23.6	8.18
	39	16.1	5.18	20.4	7.10	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31
	41	16.1	5.55	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53
	43	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78
	46	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12
110	10	5.2	1.17	8.2	1.21	10.3	1.36	10.7	1.39	11.1	1.42	11.9	1.48	16.8	1.92
	12	5.2	1.17	8.2	1.21	10.3	1.36	10.7	1.39	11.1	1.42	11.9	1.50	16.8	1.94
	14	5.2	1.17	8.2	1.22	10.3	1.38	10.7	1.41	11.1	1.44	11.9	1.52	16.8	1.96
	16	5.2	1.17	8.2	1.23	10.3	1.39	10.7	1.42	11.1	1.45	11.9	1.53	16.8	2.00
	18	5.2	1.17	8.2	1.25	10.3	1.41	10.7	1.44	11.1	1.47	11.9	1.55	16.8	2.02
	20	5.2	1.17	8.2	1.25	10.3	1.42	10.7	1.45	11.1	1.48	11.9	1.57	16.8	2.06
	21	5.9	1.23	8.9	1.37	11.1	1.62	11.6	1.69	12.1	1.76	13.0	1.87	17.6	2.37
	23	7.1	1.41	10.3	1.70	12.8	2.11	13.5	2.25	14.2	2.40	15.2	2.58	19.3	3.08
	25	8.4	1.67	11.7	2.15	14.5	2.68	15.3	2.90	16.2	3.15	17.3	3.42	21.1	3.95
	27	9.7	2.04	13.1	2.64	16.2	3.35	17.2	3.66	18.3	4.02	19.5	4.38	22.8	5.06
	29	11.0	2.48	14.5	3.19	17.8	4.12	19.1	4.54	20.4	5.04	21.7	5.53	24.5	6.35
	31	12.2	2.94	15.9	3.84	19.5	5.02	20.9	5.59	22.4	6.27	23.9	6.95	26.2	7.74
	33	13.5	3.48	17.3	4.60	21.2	6.09	22.8	6.82	24.5	7.67	26.1	8.54	27.6	9.20
	35	14.8	4.09	18.7	5.45	22.9	7.22	24.6	8.16	26.4	9.13	26.4	9.13	26.4	9.13
	37	14.8	4.36	18.7	5.83	22.9	7.79	23.6	8.18	23.6	8.18	23.6	8.18	23.6	8.18
	39	14.8	4.68	18.7	6.26	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31
	41	14.8	4.98	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53
	43	14.8	5.34	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78
	46	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12

7. Capacity Tables

Cooling Capacity (8HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	4.7	1.17	7.4	1.17	9.4	1.29	9.7	1.32	10.1	1.33	10.8	1.39	15.3	1.77
	12	4.7	1.17	7.4	1.17	9.4	1.30	9.7	1.32	10.1	1.35	10.8	1.41	15.3	1.79
	14	4.7	1.17	7.4	1.17	9.4	1.30	9.7	1.33	10.1	1.36	10.8	1.42	15.3	1.81
	16	4.7	1.17	7.4	1.18	9.4	1.32	9.7	1.35	10.1	1.38	10.8	1.44	15.3	1.85
	18	4.7	1.17	7.4	1.19	9.4	1.33	9.7	1.36	10.1	1.39	10.8	1.45	15.3	1.87
	20	4.7	1.17	7.4	1.19	9.4	1.35	9.7	1.38	10.1	1.41	10.8	1.47	15.3	1.90
	21	5.3	1.21	8.1	1.29	10.1	1.50	10.6	1.57	11.0	1.63	11.8	1.73	16.0	2.16
	23	6.5	1.35	9.3	1.55	11.6	1.91	12.2	2.04	12.9	2.17	13.8	2.32	17.6	2.75
	25	7.6	1.55	10.6	1.91	13.2	2.41	13.9	2.59	14.8	2.80	15.8	3.03	19.1	3.47
	27	8.8	1.85	11.9	2.38	14.7	2.98	15.6	3.24	16.6	3.54	17.8	3.84	20.7	4.34
	29	10.0	2.28	13.2	2.87	16.2	3.64	17.3	4.00	18.5	4.41	19.7	4.80	22.3	5.45
	31	11.1	2.67	14.4	3.43	17.7	4.40	19.0	4.86	20.4	5.41	21.7	5.95	23.8	6.63
	33	12.3	3.15	15.7	4.10	19.3	5.30	20.7	5.90	22.3	6.59	23.7	7.28	25.4	7.92
	35	13.4	3.66	17.0	4.83	20.8	6.30	22.4	7.02	24.2	7.89	25.7	8.73	26.4	9.13
	37	13.4	3.91	17.0	5.17	20.8	6.76	22.4	7.57	23.6	8.18	23.6	8.18	23.6	8.18
	39	13.4	4.18	17.0	5.53	20.8	7.26	20.9	7.31	20.9	7.31	20.9	7.31	20.9	7.31
	41	13.4	4.49	17.0	5.91	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53
	43	13.4	4.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78
	46	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12
90	10	4.3	1.17	6.7	1.17	8.4	1.22	8.7	1.25	9.1	1.26	9.7	1.32	13.7	1.63
	12	4.3	1.17	6.7	1.17	8.4	1.23	8.7	1.25	9.1	1.27	9.7	1.32	13.7	1.65
	14	4.3	1.17	6.7	1.17	8.4	1.25	8.7	1.26	9.1	1.29	9.7	1.33	13.7	1.67
	16	4.3	1.17	6.7	1.17	8.4	1.25	8.7	1.27	9.1	1.30	9.7	1.35	13.7	1.70
	18	4.3	1.17	6.7	1.17	8.4	1.26	8.7	1.29	9.1	1.30	9.7	1.36	13.7	1.72
	20	4.3	1.17	6.7	1.17	8.4	1.27	8.7	1.30	9.1	1.32	9.7	1.38	13.7	1.74
	21	4.8	1.20	7.3	1.24	9.1	1.40	9.5	1.45	9.9	1.49	10.6	1.58	14.4	1.95
	23	5.8	1.29	8.4	1.43	10.5	1.71	11.0	1.82	11.6	1.96	12.4	2.08	15.8	2.45
	25	6.9	1.44	9.5	1.72	11.9	2.16	12.5	2.32	13.3	2.50	14.2	2.67	17.2	3.05
	27	7.9	1.67	10.7	2.11	13.2	2.65	14.1	2.87	15.0	3.12	16.0	3.36	18.6	3.75
	29	9.0	2.02	11.8	2.56	14.6	3.21	15.6	3.50	16.7	3.82	17.8	4.15	20.0	4.64
	31	10.0	2.42	13.0	3.05	16.0	3.87	17.1	4.23	18.4	4.67	19.6	5.08	21.4	5.63
	33	11.1	2.81	14.1	3.61	17.3	4.61	18.6	5.09	20.0	5.64	21.3	6.19	22.8	6.72
	35	12.1	3.28	15.3	4.24	18.7	5.45	20.2	6.03	21.7	6.72	23.1	7.37	24.2	7.94
	37	12.1	3.49	15.3	4.55	18.7	5.86	20.2	6.47	21.7	7.22	23.1	7.95	23.6	8.18
	39	12.1	3.73	15.3	4.85	18.7	6.26	20.2	6.95	20.9	7.31	20.9	7.31	20.9	7.31
	41	12.1	3.99	15.3	5.19	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53	18.2	6.53
	43	12.1	4.25	15.3	5.56	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78
	46	12.1	4.73	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12
80	10	3.8	1.17	5.9	1.17	7.5	1.17	7.8	1.18	8.0	1.19	8.6	1.23	12.2	1.50
	12	3.8	1.17	5.9	1.17	7.5	1.17	7.8	1.18	8.0	1.21	8.6	1.25	12.2	1.52
	14	3.8	1.17	5.9	1.17	7.5	1.18	7.8	1.19	8.0	1.22	8.6	1.26	12.2	1.53
	16	3.8	1.17	5.9	1.17	7.5	1.18	7.8	1.21	8.0	1.22	8.6	1.26	12.2	1.55
	18	3.8	1.17	5.9	1.17	7.5	1.19	7.8	1.22	8.0	1.23	8.6	1.27	12.2	1.58
	20	3.8	1.17	5.9	1.17	7.5	1.21	7.8	1.22	8.0	1.25	8.6	1.29	12.2	1.60
	21	4.3	1.18	6.4	1.21	8.1	1.29	8.4	1.33	8.8	1.38	9.4	1.44	12.8	1.75
	23	5.2	1.24	7.5	1.35	9.3	1.53	9.8	1.63	10.3	1.73	11.0	1.85	14.1	2.16
	25	6.1	1.34	8.5	1.56	10.5	1.88	11.2	2.03	11.8	2.21	12.6	2.35	15.3	2.66
	27	7.0	1.52	9.5	1.87	11.8	2.34	12.5	2.52	13.3	2.72	14.2	2.92	16.6	3.24
	29	8.0	1.79	10.5	2.30	13.0	2.81	13.9	3.05	14.8	3.31	15.8	3.58	17.8	3.91
	31	8.9	2.18	11.5	2.70	14.2	3.35	15.2	3.66	16.3	4.01	17.4	4.32	19.0	4.77
	33	9.8	2.52	12.6	3.18	15.4	3.97	16.6	4.38	17.8	4.81	19.0	5.24	20.3	5.65
	35	10.8	2.93	13.6	3.73	16.6	4.70	17.9	5.16	19.3	5.71	20.6	6.21	21.5	6.63
	37	10.8	3.11	13.6	3.95	16.6	5.04	17.9	5.52	19.3	6.10	20.6	6.67	21.5	7.12
	39	10.8	3.31	13.6	4.25	16.6	5.36	17.9	5.93	19.3	6.55	20.6	7.16	20.9	7.31
	41	10.8	3.54	13.6	4.53	16.6	5.77	17.9	6.38	18.2	6.53	18.2	6.53	18.2	6.53
	43	10.8	3.79	13.6	4.86	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78	15.7	5.78
	46	10.8	4.17	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12

7. Capacity Tables

Cooling Capacity (8HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	3.3	1.17	5.2	1.17	6.6	1.17	6.8	1.17	7.0	1.17	7.6	1.17	10.7	1.39
	12	3.3	1.17	5.2	1.17	6.6	1.17	6.8	1.17	7.0	1.17	7.6	1.17	10.7	1.39
	14	3.3	1.17	5.2	1.17	6.6	1.17	6.8	1.17	7.0	1.17	7.6	1.18	10.7	1.41
	16	3.3	1.17	5.2	1.17	6.6	1.17	6.8	1.17	7.0	1.17	7.6	1.19	10.7	1.42
	18	3.3	1.17	5.2	1.17	6.6	1.17	6.8	1.17	7.0	1.17	7.6	1.19	10.7	1.44
	20	3.3	1.17	5.2	1.17	6.6	1.17	6.8	1.17	7.0	1.17	7.6	1.21	10.7	1.45
	21	3.7	1.17	5.6	1.19	7.1	1.23	7.4	1.24	7.7	1.26	8.3	1.32	11.2	1.56
	23	4.5	1.19	6.5	1.28	8.2	1.40	8.6	1.45	9.0	1.53	9.6	1.61	12.3	1.87
	25	5.4	1.26	7.4	1.43	9.2	1.64	9.8	1.75	10.3	1.88	11.0	2.03	13.4	2.31
	27	6.2	1.38	8.3	1.65	10.3	2.00	10.9	2.18	11.6	2.36	12.4	2.51	14.5	2.77
	29	7.0	1.58	9.2	1.98	11.3	2.45	12.1	2.64	13.0	2.85	13.8	3.05	15.6	3.31
	31	7.8	1.89	10.1	2.40	12.4	2.89	13.3	3.13	14.3	3.42	15.2	3.68	16.7	3.98
	33	8.6	2.24	11.0	2.78	13.5	3.42	14.5	3.70	15.6	4.06	16.6	4.38	17.8	4.74
	35	9.4	2.56	11.9	3.22	14.5	4.02	15.7	4.39	16.9	4.79	18.0	5.19	18.8	5.53
	37	9.4	2.73	11.9	3.45	14.5	4.29	15.7	4.68	16.9	5.13	18.0	5.56	18.8	5.91
	39	9.4	2.91	11.9	3.66	14.5	4.57	15.7	5.01	16.9	5.49	18.0	5.94	18.8	6.35
	41	9.4	3.13	11.9	3.91	14.5	4.90	15.7	5.37	16.9	5.90	18.0	6.39	18.2	6.53
	43	9.4	3.32	11.9	4.18	14.5	5.24	15.7	5.74	15.7	5.78	15.7	5.78	15.7	5.78
	46	9.4	3.67	11.9	4.61	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	9.4	3.93	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12
60	10	2.8	1.17	4.5	1.17	5.6	1.17	5.8	1.17	6.0	1.17	6.5	1.17	9.2	1.27
	12	2.8	1.17	4.5	1.17	5.6	1.17	5.8	1.17	6.0	1.17	6.5	1.17	9.2	1.29
	14	2.8	1.17	4.5	1.17	5.6	1.17	5.8	1.17	6.0	1.17	6.5	1.17	9.2	1.29
	16	2.8	1.17	4.5	1.17	5.6	1.17	5.8	1.17	6.0	1.17	6.5	1.17	9.2	1.30
	18	2.8	1.17	4.5	1.17	5.6	1.17	5.8	1.17	6.0	1.17	6.5	1.17	9.2	1.32
	20	2.8	1.17	4.5	1.17	5.6	1.17	5.8	1.17	6.0	1.17	6.5	1.17	9.2	1.33
	21	3.2	1.16	4.8	1.18	6.1	1.20	6.3	1.21	6.6	1.23	7.1	1.24	9.6	1.41
	23	3.9	1.16	5.6	1.22	7.0	1.30	7.3	1.35	7.7	1.39	8.3	1.44	10.6	1.61
	25	4.6	1.19	6.4	1.31	7.9	1.47	8.4	1.54	8.9	1.64	9.5	1.73	11.5	1.92
	27	5.3	1.26	7.1	1.46	8.8	1.72	9.4	1.85	10.0	2.00	10.7	2.14	12.4	2.36
	29	6.0	1.40	7.9	1.70	9.7	2.09	10.4	2.28	11.1	2.44	11.8	2.59	13.4	2.78
	31	6.7	1.62	8.7	2.06	10.6	2.49	11.4	2.67	12.2	2.89	13.0	3.07	14.3	3.28
	33	7.4	1.99	9.4	2.41	11.6	2.89	12.4	3.15	13.4	3.39	14.2	3.64	15.2	3.89
	35	8.1	2.25	10.2	2.77	12.5	3.38	13.4	3.66	14.5	3.98	15.4	4.28	16.2	4.55
	37	8.1	2.40	10.2	2.95	12.5	3.62	13.4	3.91	14.5	4.25	15.4	4.60	16.2	4.84
	39	8.1	2.56	10.2	3.14	12.5	3.84	13.4	4.18	14.5	4.56	15.4	4.89	16.2	5.19
	41	8.1	2.73	10.2	3.37	12.5	4.13	13.4	4.49	14.5	4.86	15.4	5.24	16.2	5.55
	43	8.1	2.91	10.2	3.58	12.5	4.41	13.4	4.78	14.5	5.21	15.4	5.64	15.7	5.78
	46	8.1	3.20	10.2	3.97	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74	12.1	4.74
	48	8.1	3.44	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12
50	10	2.4	1.17	3.7	1.17	4.7	1.17	4.9	1.17	5.0	1.17	5.4	1.17	7.6	1.17
	12	2.4	1.17	3.7	1.17	4.7	1.17	4.9	1.17	5.0	1.17	5.4	1.17	7.6	1.18
	14	2.4	1.17	3.7	1.17	4.7	1.17	4.9	1.17	5.0	1.17	5.4	1.17	7.6	1.18
	16	2.4	1.17	3.7	1.17	4.7	1.17	4.9	1.17	5.0	1.17	5.4	1.17	7.6	1.19
	18	2.4	1.17	3.7	1.17	4.7	1.17	4.9	1.17	5.0	1.17	5.4	1.17	7.6	1.21
	20	2.4	1.17	3.7	1.17	4.7	1.17	4.9	1.17	5.0	1.17	5.4	1.17	7.6	1.21
	21	2.7	1.15	4.0	1.16	5.1	1.18	5.3	1.19	5.5	1.20	5.9	1.21	8.0	1.25
	23	3.2	1.12	4.7	1.17	5.8	1.23	6.1	1.25	6.4	1.29	6.9	1.32	8.8	1.39
	25	3.8	1.12	5.3	1.21	6.6	1.32	7.0	1.38	7.4	1.44	7.9	1.50	9.6	1.60
	27	4.4	1.16	5.9	1.30	7.3	1.48	7.8	1.57	8.3	1.67	8.9	1.77	10.3	1.89
	29	5.0	1.24	6.6	1.45	8.1	1.73	8.7	1.86	9.3	2.02	9.9	2.16	11.1	2.32
	31	5.6	1.39	7.2	1.70	8.9	2.10	9.5	2.27	10.2	2.42	10.9	2.56	11.9	2.70
	33	6.1	1.65	7.9	2.07	9.6	2.44	10.4	2.62	11.1	2.81	11.9	3.00	12.7	3.17
	35	6.7	1.96	8.5	2.36	10.4	2.81	11.2	3.03	12.1	3.28	12.9	3.49	13.5	3.66
	37	6.7	2.07	8.5	2.49	10.4	3.01	11.2	3.24	12.1	3.49	12.9	3.73	13.5	3.91
	39	6.7	2.21	8.5	2.66	10.4	3.21	11.2	3.45	12.1	3.73	12.9	3.99	13.5	4.18
	41	6.7	2.36	8.5	2.83	10.4	3.41	11.2	3.69	12.1	3.98	12.9	4.25	13.5	4.49
	43	6.7	2.50	8.5	3.05	10.4	3.65	11.2	3.94	12.1	4.25	12.9	4.57	13.5	4.78
	46	6.7	2.76	8.5	3.34	10.4	4.05	11.2	4.36	12.1	4.70	12.1	4.74	12.1	4.74
	48	6.7	2.95	8.5	3.58	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12	9.9	4.12

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM100LTE5

Cooling Capacity (10HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	7.7	1.61	12.1	1.72	15.2	1.96	15.8	2.01	16.3	2.06	17.5	2.16	24.8	2.92
	12	7.7	1.61	12.1	1.72	15.2	1.99	15.8	2.04	16.3	2.09	17.5	2.19	24.8	2.95
	14	7.7	1.61	12.1	1.74	15.2	2.01	15.8	2.06	16.3	2.11	17.5	2.21	24.8	3.01
	16	7.7	1.61	12.1	1.76	15.2	2.04	15.8	2.09	16.3	2.14	17.5	2.26	24.8	3.05
	18	7.7	1.61	12.1	1.78	15.2	2.06	15.8	2.11	16.3	2.16	17.5	2.29	24.8	3.11
	20	7.7	1.61	12.1	1.80	15.2	2.09	15.8	2.14	16.3	2.19	17.5	2.32	24.8	3.17
	21	8.7	1.75	13.1	2.04	16.5	2.45	17.2	2.56	17.9	2.68	19.2	2.87	26.0	3.73
	23	10.5	2.10	15.2	2.64	18.9	3.28	19.9	3.55	20.9	3.82	22.4	4.16	28.6	5.02
	25	12.4	2.60	17.2	3.36	21.4	4.31	22.7	4.70	24.0	5.17	25.6	5.69	31.1	6.85
	27	14.3	3.20	19.3	4.19	23.9	5.48	25.4	6.07	27.0	6.77	28.8	7.49	33.6	8.92
	29	16.2	3.86	21.4	5.18	26.3	6.88	28.2	7.68	30.1	8.71	32.1	9.76	35.9	11.03
	31	18.1	4.65	23.5	6.30	28.8	8.57	30.9	9.66	33.1	10.97	33.6	11.16	35.6	11.60
	33	20.0	5.57	25.5	7.64	31.3	10.41	33.1	11.50	33.2	11.51	33.4	11.54	34.3	11.78
	35	21.8	6.61	27.6	9.14	32.2	11.63	32.2	11.63	32.2	11.63	32.2	11.63	32.2	11.63
	37	21.8	7.12	27.6	9.80	28.8	10.50	28.8	10.50	28.8	10.50	28.8	10.50	28.8	10.50
	39	21.8	7.66	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42
	41	21.8	8.23	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45
	43	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46
	46	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41
120	10	7.1	1.61	11.1	1.63	14.1	1.87	14.6	1.92	15.1	1.96	16.2	2.06	22.9	2.71
	12	7.1	1.61	11.1	1.65	14.1	1.89	14.6	1.94	15.1	1.96	16.2	2.06	22.9	2.74
	14	7.1	1.61	11.1	1.67	14.1	1.92	14.6	1.94	15.1	1.99	16.2	2.09	22.9	2.77
	16	7.1	1.61	11.1	1.67	14.1	1.92	14.6	1.96	15.1	2.01	16.2	2.11	22.9	2.83
	18	7.1	1.61	11.1	1.69	14.1	1.94	14.6	1.99	15.1	2.04	16.2	2.16	22.9	2.86
	20	7.1	1.61	11.1	1.72	14.1	1.96	14.6	2.01	15.1	2.06	16.2	2.19	22.9	2.92
	21	8.0	1.72	12.1	1.92	15.2	2.28	15.8	2.38	16.5	2.49	17.7	2.66	24.0	3.40
	23	9.7	2.01	14.0	2.42	17.5	3.02	18.4	3.23	19.3	3.47	20.7	3.74	26.4	4.52
	25	11.5	2.42	15.9	3.07	19.8	3.89	20.9	4.24	22.1	4.63	23.6	5.05	28.7	5.95
	27	13.2	2.97	17.8	3.80	22.0	4.92	23.4	5.41	25.0	5.99	26.6	6.58	31.0	7.75
	29	14.9	3.56	19.7	4.66	24.3	6.11	26.0	6.79	27.8	7.57	29.6	8.43	33.4	9.68
	31	16.7	4.24	21.6	5.68	26.6	7.54	28.5	8.48	30.6	9.55	32.6	10.67	35.1	11.48
	33	18.4	5.06	23.6	6.83	28.9	9.18	31.1	10.32	33.0	11.48	33.2	11.51	34.1	11.71
	35	20.2	5.99	25.5	8.13	31.2	10.96	32.2	11.63	32.2	11.63	32.2	11.63	32.2	11.63
	37	20.2	6.42	25.5	8.73	28.8	10.50	28.8	10.50	28.8	10.50	28.8	10.50	28.8	10.50
	39	20.2	6.92	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42
	41	20.2	7.40	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45
	43	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46
	46	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41
110	10	6.5	1.61	10.2	1.61	12.9	1.78	13.3	1.80	13.8	1.85	14.8	1.94	21.0	2.51
	12	6.5	1.61	10.2	1.61	12.9	1.78	13.3	1.83	13.8	1.87	14.8	1.96	21.0	2.54
	14	6.5	1.61	10.2	1.61	12.9	1.80	13.3	1.85	13.8	1.89	14.8	1.96	21.0	2.56
	16	6.5	1.61	10.2	1.61	12.9	1.83	13.3	1.87	13.8	1.92	14.8	1.99	21.0	2.62
	18	6.5	1.61	10.2	1.63	12.9	1.85	13.3	1.89	13.8	1.94	14.8	2.01	21.0	2.65
	20	6.5	1.61	10.2	1.63	12.9	1.87	13.3	1.92	13.8	1.94	14.8	2.04	21.0	2.68
	21	7.3	1.69	11.1	1.79	13.9	2.13	14.5	2.23	15.1	2.30	16.2	2.44	22.0	3.08
	23	8.9	1.92	12.8	2.23	16.0	2.75	16.8	2.93	17.7	3.15	18.9	3.38	24.2	4.03
	25	10.5	2.25	14.6	2.79	18.1	3.50	19.2	3.80	20.3	4.14	21.7	4.49	26.3	5.19
	27	12.1	2.72	16.3	3.44	20.2	4.40	21.5	4.82	22.9	5.30	24.4	5.79	28.5	6.67
	29	13.7	3.26	18.1	4.20	22.3	5.41	23.8	6.00	25.5	6.63	27.1	7.31	30.6	8.36
	31	15.3	3.88	19.8	5.07	24.4	6.63	26.2	7.39	28.0	8.26	29.9	9.16	32.7	10.20
	33	16.9	4.57	21.6	6.08	26.5	8.04	28.5	9.02	30.6	10.15	32.6	11.23	33.8	11.65
	35	18.5	5.40	23.4	7.24	28.6	9.60	30.8	10.79	32.2	11.63	32.2	11.63	32.2	11.63
	37	18.5	5.80	23.4	7.74	28.6	10.35	28.8	10.50	28.8	10.50	28.8	10.50	28.8	10.50
	39	18.5	6.22	23.4	8.37	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42
	41	18.5	6.66	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45
	43	18.5	7.12	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46
	46	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41

7. Capacity Tables

Cooling Capacity (10HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	5.9	1.61	9.3	1.61	11.7	1.67	12.1	1.72	12.6	1.76	13.5	1.83	19.1	2.32
	12	5.9	1.61	9.3	1.61	11.7	1.69	12.1	1.74	12.6	1.76	13.5	1.85	19.1	2.34
	14	5.9	1.61	9.3	1.61	11.7	1.72	12.1	1.74	12.6	1.78	13.5	1.85	19.1	2.37
	16	5.9	1.61	9.3	1.61	11.7	1.74	12.1	1.76	12.6	1.80	13.5	1.87	19.1	2.40
	18	5.9	1.61	9.3	1.61	11.7	1.74	12.1	1.78	12.6	1.83	13.5	1.89	19.1	2.45
	20	5.9	1.61	9.3	1.61	11.7	1.76	12.1	1.80	12.6	1.85	13.5	1.92	19.1	2.48
	21	6.7	1.67	10.1	1.74	12.7	1.96	13.2	2.05	13.8	2.15	14.7	2.25	20.0	2.82
	23	8.1	1.84	11.7	2.07	14.6	2.51	15.3	2.66	16.1	2.84	17.2	3.05	22.0	3.61
	25	9.6	2.10	13.3	2.53	16.5	3.15	17.4	3.40	18.4	3.67	19.7	3.99	23.9	4.56
	27	11.0	2.48	14.9	3.11	18.4	3.91	19.5	4.25	20.8	4.66	22.2	5.06	25.9	5.72
	29	12.5	2.99	16.4	3.76	20.3	4.79	21.7	5.26	23.1	5.81	24.7	6.35	27.8	7.18
	31	13.9	3.51	18.0	4.49	22.2	5.83	23.8	6.44	25.5	7.14	27.2	7.85	29.8	8.74
	33	15.4	4.11	19.6	5.37	24.1	7.02	25.9	7.82	27.8	8.73	29.6	9.58	31.7	10.45
	35	16.8	4.84	21.2	6.36	26.0	8.35	28.0	9.30	30.2	10.46	32.1	11.55	32.2	11.63
	37	16.8	5.17	21.2	6.86	26.0	9.01	28.0	10.03	28.8	10.50	28.8	10.50	28.8	10.50
	39	16.8	5.56	21.2	7.33	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42	25.5	9.42
	41	16.8	5.97	21.2	7.89	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45
	43	16.8	6.39	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46
	46	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41
90	10	5.3	1.61	8.3	1.61	10.5	1.61	10.9	1.63	11.3	1.65	12.1	1.72	17.2	2.14
	12	5.3	1.61	8.3	1.61	10.5	1.61	10.9	1.63	11.3	1.67	12.1	1.74	17.2	2.16
	14	5.3	1.61	8.3	1.61	10.5	1.63	10.9	1.65	11.3	1.67	12.1	1.74	17.2	2.19
	16	5.3	1.61	8.3	1.61	10.5	1.63	10.9	1.67	11.3	1.69	12.1	1.76	17.2	2.21
	18	5.3	1.61	8.3	1.61	10.5	1.65	10.9	1.67	11.3	1.72	12.1	1.78	17.2	2.24
	20	5.3	1.61	8.3	1.61	10.5	1.67	10.9	1.69	11.3	1.74	12.1	1.80	17.2	2.26
	21	6.0	1.65	9.1	1.70	11.4	1.83	11.9	1.89	12.4	1.97	13.3	2.07	18.0	2.54
	23	7.3	1.77	10.5	1.95	13.1	2.25	13.8	2.39	14.5	2.56	15.5	2.72	19.8	3.21
	25	8.6	1.96	11.9	2.30	14.8	2.82	15.7	3.03	16.6	3.27	17.7	3.50	21.5	3.99
	27	9.9	2.25	13.4	2.81	16.5	3.46	17.6	3.74	18.7	4.09	20.0	4.42	23.3	4.94
	29	11.2	2.67	14.8	3.38	18.2	4.21	19.5	4.61	20.8	5.04	22.2	5.47	25.0	6.12
	31	12.5	3.16	16.2	4.00	19.9	5.07	21.4	5.58	22.9	6.17	24.4	6.70	26.8	7.46
	33	13.8	3.67	17.7	4.76	21.7	6.09	23.3	6.76	25.1	7.49	26.7	8.19	28.5	8.86
	35	15.1	4.27	19.1	5.59	23.4	7.25	25.2	8.00	27.2	8.92	28.9	9.76	30.3	10.47
	37	15.1	4.61	19.1	5.99	23.4	7.79	25.2	8.64	27.2	9.62	28.8	10.50	28.8	10.50
	39	15.1	4.93	19.1	6.47	23.4	8.37	25.2	9.27	25.5	9.42	25.5	9.42	25.5	9.42
	41	15.1	5.31	19.1	6.92	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45
	43	15.1	5.70	19.1	7.45	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46
	46	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41
80	10	4.7	1.61	7.4	1.61	9.4	1.61	9.7	1.61	10.1	1.61	10.8	1.61	15.3	1.96
	12	4.7	1.61	7.4	1.61	9.4	1.61	9.7	1.61	10.1	1.61	10.8	1.63	15.3	1.99
	14	4.7	1.61	7.4	1.61	9.4	1.61	9.7	1.61	10.1	1.61	10.8	1.63	15.3	2.01
	16	4.7	1.61	7.4	1.61	9.4	1.61	9.7	1.61	10.1	1.61	10.8	1.65	15.3	2.04
	18	4.7	1.61	7.4	1.61	9.4	1.61	9.7	1.61	10.1	1.61	10.8	1.67	15.3	2.06
	20	4.7	1.61	7.4	1.61	9.4	1.61	9.7	1.61	10.1	1.63	10.8	1.69	15.3	2.09
	21	5.3	1.63	8.1	1.67	10.1	1.73	10.6	1.76	11.0	1.81	11.8	1.90	16.0	2.29
	23	6.5	1.70	9.3	1.84	11.6	2.04	12.2	2.14	12.9	2.26	13.8	2.43	17.6	2.84
	25	7.6	1.83	10.6	2.11	13.2	2.48	13.9	2.66	14.8	2.88	15.8	3.07	19.1	3.49
	27	8.8	2.05	11.9	2.50	14.7	3.06	15.6	3.29	16.6	3.57	17.8	3.82	20.7	4.24
	29	10.0	2.37	13.2	3.02	16.2	3.67	17.3	3.98	18.5	4.36	19.7	4.71	22.3	5.16
	31	11.1	2.85	14.4	3.54	17.7	4.40	19.0	4.80	20.4	5.28	21.7	5.72	23.8	6.27
	33	12.3	3.30	15.7	4.16	19.3	5.26	20.7	5.75	22.3	6.35	23.7	6.93	25.4	7.48
	35	13.4	3.77	17.0	4.90	20.8	6.23	22.4	6.86	24.2	7.58	25.7	8.27	26.9	8.78
	37	13.4	4.04	17.0	5.23	20.8	6.67	22.4	7.33	24.2	8.14	25.7	8.87	26.9	9.47
	39	13.4	4.38	17.0	5.62	20.8	7.13	22.4	7.88	24.2	8.74	25.5	9.42	25.5	9.42
	41	13.4	4.68	17.0	6.03	20.8	7.67	22.3	8.45	22.3	8.45	22.3	8.45	22.3	8.45
	43	13.4	5.05	17.0	6.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46
	46	13.4	5.61	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41

7. Capacity Tables

Cooling Capacity (10HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	4.2	1.61	6.5	1.61	8.2	1.61	8.5	1.61	8.8	1.61	9.4	1.61	13.3	1.80
	12	4.2	1.61	6.5	1.61	8.2	1.61	8.5	1.61	8.8	1.61	9.4	1.61	13.3	1.83
	14	4.2	1.61	6.5	1.61	8.2	1.61	8.5	1.61	8.8	1.61	9.4	1.61	13.3	1.85
	16	4.2	1.61	6.5	1.61	8.2	1.61	8.5	1.61	8.8	1.61	9.4	1.61	13.3	1.87
	18	4.2	1.61	6.5	1.61	8.2	1.61	8.5	1.61	8.8	1.61	9.4	1.61	13.3	1.89
	20	4.2	1.61	6.5	1.61	8.2	1.61	8.5	1.61	8.8	1.61	9.4	1.61	13.3	1.92
	21	4.7	1.61	7.1	1.64	8.9	1.69	9.2	1.71	9.6	1.73	10.3	1.76	14.0	2.07
	23	5.7	1.65	8.2	1.75	10.2	1.90	10.7	1.98	11.3	2.06	12.1	2.14	15.4	2.46
	25	6.7	1.73	9.3	1.94	11.5	2.22	12.2	2.36	12.9	2.52	13.8	2.68	16.7	3.01
	27	7.7	1.87	10.4	2.21	12.9	2.67	13.7	2.89	14.6	3.11	15.5	3.28	18.1	3.62
	29	8.7	2.11	11.5	2.63	14.2	3.20	15.2	3.44	16.2	3.73	17.3	4.00	19.5	4.35
	31	9.7	2.47	12.6	3.12	15.5	3.80	16.6	4.12	17.8	4.48	19.0	4.83	20.8	5.23
	33	10.7	2.91	13.7	3.63	16.8	4.48	18.1	4.91	19.5	5.36	20.8	5.79	22.2	6.23
	35	11.8	3.30	14.9	4.21	18.2	5.29	19.6	5.81	21.1	6.36	22.5	6.87	23.6	7.32
	37	11.8	3.55	14.9	4.51	18.2	5.68	19.6	6.23	21.1	6.80	22.5	7.39	23.6	7.86
	39	11.8	3.81	14.9	4.86	18.2	6.10	19.6	6.67	21.1	7.32	22.5	7.94	23.6	8.45
	41	11.8	4.09	14.9	5.19	18.2	6.53	19.6	7.13	21.1	7.87	22.3	8.45	22.3	8.45
	43	11.8	4.39	14.9	5.58	18.2	6.99	19.2	7.46	19.2	7.46	19.2	7.46	19.2	7.46
	46	11.8	4.90	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	11.8	5.29	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41
60	10	3.6	1.61	5.6	1.61	7.0	1.61	7.3	1.61	7.5	1.61	8.1	1.61	11.4	1.67
	12	3.6	1.61	5.6	1.61	7.0	1.61	7.3	1.61	7.5	1.61	8.1	1.61	11.4	1.67
	14	3.6	1.61	5.6	1.61	7.0	1.61	7.3	1.61	7.5	1.61	8.1	1.61	11.4	1.69
	16	3.6	1.61	5.6	1.61	7.0	1.61	7.3	1.61	7.5	1.61	8.1	1.61	11.4	1.72
	18	3.6	1.61	5.6	1.61	7.0	1.61	7.3	1.61	7.5	1.61	8.1	1.61	11.4	1.72
	20	3.6	1.61	5.6	1.61	7.0	1.61	7.3	1.61	7.5	1.61	8.1	1.61	11.4	1.74
	21	4.0	1.60	6.0	1.62	7.6	1.65	7.9	1.67	8.3	1.69	8.8	1.70	12.0	1.84
	23	4.9	1.59	7.0	1.67	8.7	1.78	9.2	1.84	9.7	1.90	10.3	1.96	13.2	2.13
	25	5.7	1.63	8.0	1.79	9.9	1.99	10.5	2.10	11.1	2.21	11.8	2.32	14.4	2.52
	27	6.6	1.71	8.9	1.97	11.0	2.31	11.7	2.47	12.5	2.66	13.3	2.83	15.5	3.06
	29	7.5	1.87	9.9	2.26	12.2	2.76	13.0	2.99	13.9	3.20	14.8	3.41	16.7	3.64
	31	8.3	2.14	10.8	2.70	13.3	3.26	14.3	3.51	15.3	3.77	16.3	4.04	17.9	4.30
	33	9.2	2.55	11.8	3.10	14.4	3.80	15.5	4.11	16.7	4.48	17.8	4.81	19.0	5.12
	35	10.1	2.89	12.7	3.58	15.6	4.42	16.8	4.84	18.1	5.24	19.3	5.69	20.2	5.99
	37	10.1	3.08	12.7	3.84	15.6	4.77	16.8	5.17	18.1	5.63	19.3	6.10	20.2	6.42
	39	10.1	3.32	12.7	4.12	15.6	5.10	16.8	5.56	18.1	6.04	19.3	6.54	20.2	6.92
	41	10.1	3.57	12.7	4.41	15.6	5.48	16.8	5.96	18.1	6.48	19.3	6.99	20.2	7.40
	43	10.1	3.80	12.7	4.77	15.6	5.89	16.8	6.39	18.1	6.98	19.2	7.46	19.2	7.46
	46	10.1	4.28	12.7	5.31	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18	14.8	6.18
	48	10.1	4.59	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41
50	10	3.0	1.61	4.6	1.61	5.9	1.61	6.1	1.61	6.3	1.61	6.7	1.61	9.5	1.61
	12	3.0	1.61	4.6	1.61	5.9	1.61	6.1	1.61	6.3	1.61	6.7	1.61	9.5	1.61
	14	3.0	1.61	4.6	1.61	5.9	1.61	6.1	1.61	6.3	1.61	6.7	1.61	9.5	1.61
	16	3.0	1.61	4.6	1.61	5.9	1.61	6.1	1.61	6.3	1.61	6.7	1.61	9.5	1.61
	18	3.0	1.61	4.6	1.61	5.9	1.61	6.1	1.61	6.3	1.61	6.7	1.61	9.5	1.61
	20	3.0	1.61	4.6	1.61	5.9	1.61	6.1	1.61	6.3	1.61	6.7	1.61	9.5	1.61
	21	3.3	1.59	5.0	1.60	6.3	1.62	6.6	1.64	6.9	1.65	7.4	1.66	10.0	1.67
	23	4.1	1.55	5.8	1.61	7.3	1.69	7.7	1.72	8.0	1.76	8.6	1.80	11.0	1.84
	25	4.8	1.54	6.6	1.66	8.2	1.80	8.7	1.87	9.2	1.96	9.9	2.03	12.0	2.10
	27	5.5	1.57	7.4	1.76	9.2	1.99	9.8	2.12	10.4	2.25	11.1	2.37	12.9	2.48
	29	6.2	1.66	8.2	1.95	10.1	2.31	10.8	2.47	11.6	2.67	12.3	2.87	13.9	3.00
	31	7.0	1.84	9.0	2.24	11.1	2.75	11.9	2.95	12.7	3.16	13.6	3.36	14.9	3.52
	33	7.7	2.14	9.8	2.66	12.0	3.18	12.9	3.42	13.9	3.67	14.8	3.93	15.9	4.13
	35	8.4	2.49	10.6	3.03	13.0	3.67	14.0	3.96	15.1	4.27	16.1	4.58	16.8	4.84
	37	8.4	2.65	10.6	3.22	13.0	3.93	14.0	4.24	15.1	4.61	16.1	4.94	16.8	5.17
	39	8.4	2.82	10.6	3.47	13.0	4.22	14.0	4.54	15.1	4.93	16.1	5.27	16.8	5.56
	41	8.4	3.05	10.6	3.73	13.0	4.52	14.0	4.90	15.1	5.30	16.1	5.66	16.8	5.97
	43	8.4	3.25	10.6	4.01	13.0	4.83	14.0	5.23	15.1	5.70	16.1	6.08	16.8	6.40
	46	8.4	3.65	10.6	4.45	13.0	5.38	14.0	5.85	14.8	6.18	14.8	6.18	14.8	6.18
	48	8.4	3.93	10.6	4.81	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41	12.1	5.41

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM120LTE5

Cooling Capacity (12HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	9.3	1.58	14.5	1.88	18.3	2.22	18.9	2.27	19.6	2.35	21.0	2.49	29.7	3.47
	12	9.3	1.58	14.5	1.91	18.3	2.25	18.9	2.30	19.6	2.38	21.0	2.52	29.7	3.54
	14	9.3	1.58	14.5	1.93	18.3	2.27	18.9	2.35	19.6	2.41	21.0	2.57	29.7	3.61
	16	9.3	1.58	14.5	1.95	18.3	2.30	18.9	2.38	19.6	2.43	21.0	2.60	29.7	3.68
	18	9.3	1.58	14.5	1.98	18.3	2.33	18.9	2.41	19.6	2.49	21.0	2.63	29.7	3.75
	20	9.3	1.58	14.5	2.00	18.3	2.38	18.9	2.43	19.6	2.52	21.0	2.69	29.7	3.82
	21	10.4	1.79	15.7	2.33	19.7	2.87	20.6	3.00	21.5	3.18	23.0	3.44	31.3	4.59
	23	12.6	2.30	18.2	3.12	22.7	3.98	23.9	4.33	25.1	4.73	26.9	5.21	34.3	6.51
	25	14.9	2.99	20.7	4.06	25.7	5.35	27.2	5.91	28.8	6.57	30.7	7.33	37.0	8.86
	27	17.2	3.74	23.2	5.16	28.6	6.92	30.5	7.78	32.4	8.80	34.6	9.94	39.3	11.10
	29	19.4	4.66	25.7	6.44	31.6	8.84	33.8	10.07	36.1	11.59	37.5	12.42	41.0	13.25
	31	21.7	5.67	28.1	7.96	34.6	11.14	37.1	12.78	37.7	13.17	38.1	13.25	40.4	13.82
	33	24.0	6.88	30.6	9.72	37.2	13.49	37.3	13.51	37.4	13.53	37.6	13.57	38.7	13.88
	35	26.2	8.25	33.1	11.69	36.1	13.58	36.1	13.58	36.1	13.58	36.1	13.58	36.1	13.58
	37	26.2	8.90	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18
	39	26.2	9.60	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84
	41	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57
	43	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48
	46	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97
120	10	8.5	1.58	13.4	1.79	16.9	2.10	17.5	2.15	18.1	2.20	19.4	2.33	27.5	3.18
	12	8.5	1.58	13.4	1.81	16.9	2.12	17.5	2.17	18.1	2.22	19.4	2.35	27.5	3.24
	14	8.5	1.58	13.4	1.84	16.9	2.15	17.5	2.20	18.1	2.25	19.4	2.38	27.5	3.31
	16	8.5	1.58	13.4	1.84	16.9	2.17	17.5	2.22	18.1	2.30	19.4	2.43	27.5	3.37
	18	8.5	1.58	13.4	1.86	16.9	2.20	17.5	2.25	18.1	2.33	19.4	2.46	27.5	3.44
	20	8.5	1.58	13.4	1.88	16.9	2.22	17.5	2.30	18.1	2.35	19.4	2.49	27.5	3.51
	21	9.6	1.75	14.5	2.16	18.2	2.64	19.0	2.79	19.8	2.92	21.2	3.13	28.9	4.15
	23	11.7	2.18	16.8	2.87	21.0	3.63	22.0	3.90	23.2	4.25	24.8	4.62	31.7	5.68
	25	13.8	2.76	19.1	3.69	23.7	4.79	25.1	5.26	26.6	5.81	28.4	6.42	34.5	7.75
	27	15.8	3.46	21.4	4.66	26.4	6.15	28.1	6.84	29.9	7.66	32.0	8.53	37.3	10.16
	29	17.9	4.24	23.7	5.78	29.2	7.74	31.2	8.72	33.3	9.93	35.5	11.20	40.1	12.96
	31	20.0	5.14	26.0	7.07	31.9	9.70	34.2	11.01	36.7	12.65	37.6	13.16	39.8	13.65
	33	22.1	6.21	28.3	8.63	34.7	11.92	37.1	13.47	37.2	13.49	37.4	13.53	38.4	13.79
	35	24.2	7.40	30.6	10.33	36.1	13.58	36.1	13.58	36.1	13.58	36.1	13.58	36.1	13.58
	37	24.2	7.95	30.6	11.18	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18
	39	24.2	8.58	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84
	41	24.2	9.20	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57
	43	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48
	46	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97
110	10	7.8	1.58	12.2	1.71	15.5	1.98	16.0	2.02	16.6	2.07	17.8	2.17	25.2	2.92
	12	7.8	1.58	12.2	1.73	15.5	1.98	16.0	2.05	16.6	2.10	17.8	2.20	25.2	2.99
	14	7.8	1.58	12.2	1.73	15.5	2.00	16.0	2.07	16.6	2.12	17.8	2.22	25.2	3.02
	16	7.8	1.58	12.2	1.75	15.5	2.02	16.0	2.10	16.6	2.15	17.8	2.25	25.2	3.08
	18	7.8	1.58	12.2	1.77	15.5	2.05	16.0	2.12	16.6	2.17	17.8	2.30	25.2	3.14
	20	7.8	1.58	12.2	1.79	15.5	2.10	16.0	2.15	16.6	2.20	17.8	2.33	25.2	3.18
	21	8.8	1.72	13.3	2.02	16.7	2.46	17.4	2.56	18.2	2.68	19.5	2.87	26.4	3.72
	23	10.7	2.06	15.4	2.60	19.2	3.27	20.2	3.52	21.3	3.81	22.7	4.13	29.0	5.00
	25	12.6	2.54	17.5	3.33	21.7	4.26	23.0	4.67	24.4	5.13	26.0	5.61	31.6	6.60
	27	14.5	3.17	19.6	4.17	24.2	5.45	25.8	6.01	27.5	6.67	29.3	7.35	34.1	8.67
	29	16.4	3.85	21.7	5.13	26.7	6.78	28.6	7.56	30.6	8.50	32.6	9.48	36.7	10.93
	31	18.4	4.64	23.8	6.25	29.3	8.45	31.4	9.48	33.7	10.75	35.9	12.06	39.2	13.50
	33	20.3	5.55	25.9	7.58	31.8	10.29	34.2	11.67	36.8	13.28	37.1	13.48	38.1	13.71
	35	22.2	6.59	28.0	9.08	34.3	12.43	36.1	13.58	36.1	13.58	36.1	13.58	36.1	13.58
	37	22.2	7.10	28.0	9.78	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18
	39	22.2	7.63	28.0	10.53	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84
	41	22.2	8.19	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57
	43	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48
	46	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97

7. Capacity Tables

Cooling Capacity (12HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	7.1	1.58	11.1	1.62	14.1	1.84	14.6	1.88	15.1	1.93	16.2	2.02	22.9	2.69
	12	7.1	1.58	11.1	1.64	14.1	1.86	14.6	1.91	15.1	1.95	16.2	2.05	22.9	2.71
	14	7.1	1.58	11.1	1.64	14.1	1.88	14.6	1.93	15.1	1.98	16.2	2.07	22.9	2.74
	16	7.1	1.58	11.1	1.66	14.1	1.91	14.6	1.95	15.1	2.00	16.2	2.10	22.9	2.80
	18	7.1	1.58	11.1	1.69	14.1	1.93	14.6	1.98	15.1	2.02	16.2	2.12	22.9	2.86
	20	7.1	1.58	11.1	1.69	14.1	1.95	14.6	2.00	15.1	2.05	16.2	2.17	22.9	2.89
	21	8.0	1.68	12.1	1.87	15.2	2.24	15.8	2.35	16.5	2.45	17.7	2.63	24.0	3.35
	23	9.7	1.95	14.0	2.36	17.5	2.97	18.4	3.17	19.3	3.40	20.7	3.66	26.4	4.41
	25	11.5	2.34	15.9	3.00	19.8	3.80	20.9	4.13	22.1	4.51	23.6	4.90	28.7	5.70
	27	13.2	2.86	17.8	3.73	22.0	4.79	23.4	5.27	25.0	5.81	26.6	6.37	31.0	7.32
	29	14.9	3.48	19.7	4.55	24.3	5.93	26.0	6.57	27.8	7.33	29.6	8.08	33.4	9.26
	31	16.7	4.16	21.6	5.54	26.6	7.30	28.5	8.13	30.6	9.13	32.6	10.16	35.7	11.38
	33	18.4	4.96	23.6	6.65	28.9	8.90	31.1	9.98	33.4	11.27	35.6	12.53	37.8	13.63
	35	20.2	5.88	25.5	7.92	31.2	10.64	33.6	12.00	36.1	13.58	36.1	13.58	36.1	13.58
	37	20.2	6.30	25.5	8.55	31.2	11.51	32.2	12.18	32.2	12.18	32.2	12.18	32.2	12.18
	39	20.2	6.79	25.5	9.17	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84
	41	20.2	7.25	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57
	43	20.2	7.80	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48
	46	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97
90	10	6.4	1.58	10.0	1.58	12.6	1.73	13.1	1.77	13.6	1.81	14.6	1.88	20.6	2.43
	12	6.4	1.58	10.0	1.58	12.6	1.75	13.1	1.79	13.6	1.84	14.6	1.91	20.6	2.49
	14	6.4	1.58	10.0	1.58	12.6	1.77	13.1	1.81	13.6	1.84	14.6	1.93	20.6	2.52
	16	6.4	1.58	10.0	1.58	12.6	1.79	13.1	1.81	13.6	1.86	14.6	1.95	20.6	2.54
	18	6.4	1.58	10.0	1.58	12.6	1.81	13.1	1.84	13.6	1.88	14.6	1.98	20.6	2.60
	20	6.4	1.58	10.0	1.60	12.6	1.81	13.1	1.86	13.6	1.91	14.6	2.00	20.6	2.63
	21	7.2	1.66	10.9	1.75	13.7	2.04	14.2	2.13	14.9	2.23	15.9	2.37	21.6	3.00
	23	8.8	1.86	12.6	2.12	15.7	2.63	16.5	2.84	17.4	3.03	18.6	3.25	23.7	3.87
	25	10.3	2.16	14.3	2.64	17.8	3.37	18.8	3.64	19.9	3.95	21.3	4.28	25.8	4.92
	27	11.9	2.57	16.0	3.30	19.8	4.20	21.1	4.59	22.5	5.03	24.0	5.46	27.9	6.15
	29	13.5	3.14	17.8	4.01	21.9	5.17	23.4	5.69	25.0	6.28	26.7	6.87	30.0	7.75
	31	15.0	3.72	19.5	4.83	23.9	6.27	25.7	6.96	27.5	7.75	29.3	8.52	32.1	9.50
	33	16.6	4.41	21.2	5.82	26.0	7.64	28.0	8.50	30.1	9.48	32.0	10.47	34.2	11.43
	35	18.2	5.16	22.9	6.89	28.0	9.08	30.2	10.17	32.6	11.43	34.7	12.69	36.1	13.58
	37	18.2	5.55	22.9	7.41	28.0	9.78	30.2	10.95	32.2	12.18	32.2	12.18	32.2	12.18
	39	18.2	5.95	22.9	7.96	28.0	10.54	28.5	10.84	28.5	10.84	28.5	10.84	28.5	10.84
	41	18.2	6.42	22.9	8.55	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57
	43	18.2	6.87	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48
	46	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97
80	10	5.7	1.58	8.9	1.58	11.2	1.62	11.7	1.66	12.1	1.69	13.0	1.75	18.3	2.22
	12	5.7	1.58	8.9	1.58	11.2	1.64	11.7	1.66	12.1	1.71	13.0	1.77	18.3	2.25
	14	5.7	1.58	8.9	1.58	11.2	1.66	11.7	1.69	12.1	1.73	13.0	1.79	18.3	2.27
	16	5.7	1.58	8.9	1.58	11.2	1.66	11.7	1.71	12.1	1.75	13.0	1.81	18.3	2.30
	18	5.7	1.58	8.9	1.58	11.2	1.69	11.7	1.73	12.1	1.75	13.0	1.84	18.3	2.35
	20	5.7	1.58	8.9	1.58	11.2	1.71	11.7	1.75	12.1	1.77	13.0	1.86	18.3	2.38
	21	6.4	1.63	9.7	1.69	12.2	1.88	12.7	1.96	13.2	2.02	14.1	2.15	19.2	2.67
	23	7.8	1.77	11.2	1.97	14.0	2.32	14.7	2.48	15.5	2.67	16.5	2.85	21.1	3.38
	25	9.2	1.99	12.7	2.36	15.8	2.94	16.7	3.18	17.7	3.44	18.9	3.70	23.0	4.23
	27	10.6	2.30	14.3	2.89	17.6	3.65	18.8	3.96	20.0	4.31	21.3	4.67	24.8	5.23
	29	12.0	2.75	15.8	3.53	19.5	4.45	20.8	4.88	22.2	5.35	23.7	5.80	26.7	6.46
	31	13.3	3.30	17.3	4.20	21.3	5.37	22.8	5.92	24.5	6.54	26.1	7.15	28.6	7.93
	33	14.7	3.88	18.8	5.01	23.1	6.48	24.9	7.16	26.7	7.98	28.5	8.74	30.4	9.48
	35	16.1	4.53	20.4	5.94	24.9	7.71	26.9	8.58	29.0	9.51	30.8	10.48	32.3	11.27
	37	16.1	4.88	20.4	6.36	24.9	8.28	26.9	9.20	29.0	10.31	30.8	11.34	32.2	12.18
	39	16.1	5.21	20.4	6.86	24.9	8.94	26.9	9.91	28.5	10.84	28.5	10.84	28.5	10.84
	41	16.1	5.60	20.4	7.38	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57	24.9	9.57
	43	16.1	6.00	20.4	7.93	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48
	46	16.1	6.73	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97

7. Capacity Tables

Cooling Capacity (12HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	5.0	1.58	7.8	1.58	9.8	1.58	10.2	1.58	10.6	1.58	11.3	1.64	16.0	2.02
	12	5.0	1.58	7.8	1.58	9.8	1.58	10.2	1.58	10.6	1.58	11.3	1.64	16.0	2.05
	14	5.0	1.58	7.8	1.58	9.8	1.58	10.2	1.58	10.6	1.60	11.3	1.66	16.0	2.07
	16	5.0	1.58	7.8	1.58	9.8	1.58	10.2	1.58	10.6	1.62	11.3	1.69	16.0	2.10
	18	5.0	1.58	7.8	1.58	9.8	1.58	10.2	1.60	10.6	1.64	11.3	1.69	16.0	2.12
	20	5.0	1.58	7.8	1.58	9.8	1.58	10.2	1.62	10.6	1.64	11.3	1.71	16.0	2.15
	21	5.6	1.61	8.5	1.65	10.6	1.71	11.1	1.78	11.6	1.83	12.4	1.92	16.8	2.36
	23	6.8	1.69	9.8	1.84	12.2	2.06	12.9	2.17	13.5	2.32	14.5	2.48	18.5	2.90
	25	8.0	1.84	11.1	2.12	13.8	2.51	14.6	2.72	15.5	2.94	16.6	3.19	20.1	3.62
	27	9.2	2.06	12.5	2.52	15.4	3.13	16.4	3.40	17.5	3.67	18.6	3.96	21.7	4.41
	29	10.5	2.41	13.8	3.08	17.0	3.81	18.2	4.14	19.4	4.52	20.7	4.87	23.4	5.35
	31	11.7	2.90	15.2	3.65	18.6	4.58	20.0	5.00	21.4	5.48	22.8	5.95	25.0	6.52
	33	12.9	3.40	16.5	4.32	20.2	5.46	21.7	5.98	23.4	6.62	24.9	7.20	26.6	7.79
	35	14.1	3.94	17.8	5.06	21.8	6.47	23.5	7.14	25.4	7.91	27.0	8.59	28.3	9.21
	37	14.1	4.22	17.8	5.44	21.8	6.97	23.5	7.67	25.4	8.48	27.0	9.26	28.3	9.93
	39	14.1	4.51	17.8	5.83	21.8	7.49	23.5	8.24	25.4	9.15	27.0	9.98	28.3	10.69
	41	14.1	4.87	17.8	6.30	21.8	8.05	23.5	8.89	24.9	9.57	24.9	9.57	24.9	9.57
	43	14.1	5.24	17.8	6.74	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48	21.5	8.48
	46	14.1	5.81	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97
60	10	4.3	1.58	6.7	1.58	8.4	1.58	8.7	1.58	9.1	1.58	9.7	1.58	13.7	1.81
	12	4.3	1.58	6.7	1.58	8.4	1.58	8.7	1.58	9.1	1.58	9.7	1.58	13.7	1.84
	14	4.3	1.58	6.7	1.58	8.4	1.58	8.7	1.58	9.1	1.58	9.7	1.58	13.7	1.86
	16	4.3	1.58	6.7	1.58	8.4	1.58	8.7	1.58	9.1	1.58	9.7	1.58	13.7	1.88
	18	4.3	1.58	6.7	1.58	8.4	1.58	8.7	1.58	9.1	1.58	9.7	1.58	13.7	1.91
	20	4.3	1.58	6.7	1.58	8.4	1.58	8.7	1.58	9.1	1.58	9.7	1.58	13.7	1.93
	21	4.8	1.59	7.3	1.62	9.1	1.66	9.5	1.68	9.9	1.71	10.6	1.73	14.4	2.08
	23	5.8	1.62	8.4	1.74	10.5	1.89	11.0	1.95	11.6	2.04	12.4	2.11	15.8	2.45
	25	6.9	1.71	9.5	1.92	11.9	2.20	12.5	2.34	13.3	2.49	14.2	2.65	17.2	3.00
	27	7.9	1.85	10.7	2.20	13.2	2.65	14.1	2.86	15.0	3.10	16.0	3.33	18.6	3.67
	29	9.0	2.10	11.8	2.61	14.6	3.24	15.6	3.48	16.7	3.75	17.8	4.06	20.0	4.41
	31	10.0	2.45	13.0	3.13	16.0	3.83	17.1	4.16	18.4	4.52	19.6	4.90	21.4	5.28
	33	11.1	2.94	14.1	3.68	17.3	4.54	18.6	4.96	20.0	5.41	21.3	5.86	22.8	6.33
	35	12.1	3.38	15.3	4.28	18.7	5.37	20.2	5.88	21.7	6.46	23.1	7.01	24.2	7.40
	37	12.1	3.60	15.3	4.58	18.7	5.77	20.2	6.30	21.7	6.91	23.1	7.48	24.2	7.95
	39	12.1	3.86	15.3	4.93	18.7	6.18	20.2	6.79	21.7	7.43	23.1	8.04	24.2	8.58
	41	12.1	4.18	15.3	5.30	18.7	6.62	20.2	7.25	21.7	7.99	23.1	8.68	24.2	9.26
	43	12.1	4.47	15.3	5.70	18.7	7.13	20.2	7.80	21.5	8.48	21.5	8.48	21.5	8.48
	46	12.1	4.99	15.3	6.30	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	12.1	5.37	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97
50	10	3.6	1.58	5.6	1.58	7.0	1.58	7.3	1.58	7.5	1.58	8.1	1.58	11.4	1.64
	12	3.6	1.58	5.6	1.58	7.0	1.58	7.3	1.58	7.5	1.58	8.1	1.58	11.4	1.66
	14	3.6	1.58	5.6	1.58	7.0	1.58	7.3	1.58	7.5	1.58	8.1	1.58	11.4	1.66
	16	3.6	1.58	5.6	1.58	7.0	1.58	7.3	1.58	7.5	1.58	8.1	1.58	11.4	1.69
	18	3.6	1.58	5.6	1.58	7.0	1.58	7.3	1.58	7.5	1.58	8.1	1.58	11.4	1.71
	20	3.6	1.58	5.6	1.58	7.0	1.58	7.3	1.58	7.5	1.58	8.1	1.58	11.4	1.73
	21	4.0	1.57	6.0	1.59	7.6	1.62	7.9	1.64	8.3	1.66	8.8	1.67	12.0	1.82
	23	4.9	1.57	7.0	1.64	8.7	1.75	9.2	1.80	9.7	1.85	10.3	1.91	13.2	2.07
	25	5.7	1.60	8.0	1.75	9.9	1.95	10.5	2.04	11.1	2.14	11.8	2.25	14.4	2.45
	27	6.6	1.68	8.9	1.92	11.0	2.23	11.7	2.38	12.5	2.55	13.3	2.72	15.5	2.96
	29	7.5	1.83	9.9	2.18	12.2	2.65	13.0	2.87	13.9	3.14	14.8	3.33	16.7	3.56
	31	8.3	2.08	10.8	2.59	13.3	3.20	14.3	3.43	15.3	3.71	16.3	3.97	17.9	4.23
	33	9.2	2.46	11.8	3.09	14.4	3.72	15.5	4.05	16.7	4.37	17.8	4.69	19.0	5.02
	35	10.1	2.87	12.7	3.53	15.6	4.38	16.8	4.74	18.1	5.16	19.3	5.55	20.2	5.88
	37	10.1	3.05	12.7	3.78	15.6	4.68	16.8	5.10	18.1	5.55	19.3	5.95	20.2	6.30
	39	10.1	3.29	12.7	4.10	15.6	5.04	16.8	5.48	18.1	5.95	19.3	6.42	20.2	6.79
	41	10.1	3.54	12.7	4.39	15.6	5.42	16.8	5.88	18.1	6.37	19.3	6.87	20.2	7.31
	43	10.1	3.80	12.7	4.69	15.6	5.82	16.8	6.30	18.1	6.87	19.3	7.39	20.2	7.85
	46	10.1	4.23	12.7	5.22	15.6	6.47	16.5	6.92	16.5	6.92	16.5	6.92	16.5	6.92
	48	10.1	4.53	12.7	5.62	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97	13.5	5.97

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM140LTE5

Cooling Capacity (14HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	10.8	1.84	16.9	2.30	21.3	2.68	22.1	2.76	22.9	2.85	24.6	3.02	34.7	4.21
	12	10.8	1.84	16.9	2.32	21.3	2.73	22.1	2.79	22.9	2.87	24.6	3.05	34.7	4.28
	14	10.8	1.86	16.9	2.35	21.3	2.76	22.1	2.85	22.9	2.93	24.6	3.11	34.7	4.35
	16	10.8	1.86	16.9	2.37	21.3	2.79	22.1	2.87	22.9	2.96	24.6	3.14	34.7	4.43
	18	10.8	1.88	16.9	2.39	21.3	2.82	22.1	2.90	22.9	2.99	24.6	3.20	34.7	4.50
	20	10.8	1.90	16.9	2.42	21.3	2.87	22.1	2.96	22.9	3.05	24.6	3.23	34.7	4.62
	21	12.1	2.11	18.3	2.76	23.0	3.40	24.0	3.58	25.0	3.77	26.7	3.99	36.2	5.29
	23	14.8	2.64	21.2	3.60	26.5	4.62	27.9	4.98	29.3	5.42	30.8	5.63	38.9	6.75
	25	17.4	3.36	24.1	4.69	30.0	6.07	31.7	6.65	33.5	7.28	34.6	7.42	41.3	8.36
	27	20.0	4.28	27.0	5.88	33.4	7.75	35.6	8.58	37.2	9.23	38.0	9.34	43.3	10.40
	29	22.7	5.32	29.9	7.22	36.9	9.67	39.4	10.86	40.5	11.32	41.0	11.39	45.0	12.41
	31	25.3	6.42	32.8	8.79	40.3	12.00	43.3	13.62	43.4	13.66	43.7	13.75	46.3	14.36
	33	27.9	7.70	35.7	10.67	43.8	14.73	46.0	16.09	45.9	16.08	45.9	16.09	47.3	16.41
	35	30.6	9.14	38.6	12.74	47.3	17.83	48.3	18.59	48.2	18.58	48.2	18.58	48.2	18.58
	37	30.6	9.79	38.6	13.68	46.8	19.11	46.8	19.11	46.8	19.11	46.8	19.11	46.8	19.11
	39	30.6	10.49	38.6	14.84	41.5	16.74	41.5	16.74	41.5	16.74	41.5	16.74	41.5	16.74
	41	30.6	11.29	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58
	43	30.6	12.15	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55
	46	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95
	48	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37
120	10	10.0	1.84	15.6	2.18	19.7	2.55	20.4	2.60	21.1	2.68	22.7	2.82	32.0	3.85
	12	10.0	1.84	15.6	2.20	19.7	2.57	20.4	2.63	21.1	2.71	22.7	2.85	32.0	3.92
	14	10.0	1.84	15.6	2.23	19.7	2.60	20.4	2.65	21.1	2.73	22.7	2.90	32.0	3.99
	16	10.0	1.84	15.6	2.25	19.7	2.63	20.4	2.71	21.1	2.76	22.7	2.93	32.0	4.06
	18	10.0	1.84	15.6	2.27	19.7	2.65	20.4	2.73	21.1	2.82	22.7	2.96	32.0	4.13
	20	10.0	1.84	15.6	2.30	19.7	2.68	20.4	2.76	21.1	2.85	22.7	3.02	32.0	4.21
	21	11.2	2.01	16.9	2.58	21.3	3.12	22.2	3.29	23.1	3.47	24.8	3.72	33.7	4.90
	23	13.6	2.45	19.6	3.28	24.5	4.22	25.7	4.54	27.0	4.90	28.9	5.31	36.8	6.42
	25	16.1	3.05	22.3	4.23	27.7	5.47	29.3	5.97	31.0	6.55	33.1	7.15	39.6	8.11
	27	18.5	3.86	25.0	5.33	30.8	6.92	32.8	7.63	34.9	8.48	37.1	9.21	42.0	10.02
	29	20.9	4.85	27.6	6.52	34.0	8.57	36.4	9.57	38.9	10.72	40.4	11.31	44.1	12.19
	31	23.4	5.86	30.3	7.88	37.2	10.53	39.9	11.83	42.8	13.43	43.4	13.65	45.8	14.21
	33	25.8	6.97	33.0	9.49	40.4	12.86	43.5	14.56	45.9	16.07	45.9	16.08	47.0	16.33
	35	28.2	8.28	35.7	11.28	43.6	15.42	47.0	17.65	48.3	18.60	48.2	18.58	48.2	18.58
	37	28.2	8.83	35.7	12.12	43.6	16.79	46.8	19.11	46.8	19.11	46.8	19.11	46.8	19.11
	39	28.2	9.47	35.7	13.09	41.5	16.74	41.5	16.74	41.5	16.74	41.5	16.74	41.5	16.74
	41	28.2	10.14	35.7	14.15	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58
	43	28.2	10.87	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55
	46	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95
	48	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37
110	10	9.1	1.84	14.3	2.09	18.0	2.39	18.7	2.45	19.4	2.50	20.8	2.63	29.4	3.55
	12	9.1	1.84	14.3	2.09	18.0	2.42	18.7	2.47	19.4	2.55	20.8	2.68	29.4	3.61
	14	9.1	1.84	14.3	2.11	18.0	2.45	18.7	2.50	19.4	2.57	20.8	2.71	29.4	3.65
	16	9.1	1.84	14.3	2.13	18.0	2.47	18.7	2.52	19.4	2.60	20.8	2.73	29.4	3.71
	18	9.1	1.84	14.3	2.16	18.0	2.50	18.7	2.55	19.4	2.63	20.8	2.76	29.4	3.78
	20	9.1	1.84	14.3	2.18	18.0	2.52	18.7	2.60	19.4	2.65	20.8	2.82	29.4	3.85
	21	10.2	1.97	15.5	2.41	19.5	2.89	20.3	3.04	21.2	3.18	22.7	3.42	30.9	4.44
	23	12.5	2.32	18.0	2.99	22.4	3.80	23.6	4.10	24.8	4.41	26.5	4.75	33.9	5.79
	25	14.7	2.81	20.4	3.78	25.4	4.92	26.8	5.35	28.4	5.83	30.3	6.34	36.8	7.40
	27	16.9	3.49	22.9	4.80	28.3	6.17	30.1	6.77	32.0	7.46	34.2	8.16	39.8	9.30
	29	19.2	4.39	25.3	5.86	31.2	7.59	33.4	8.40	35.6	9.35	38.0	10.31	42.8	11.73
	31	21.4	5.29	27.8	7.07	34.1	9.27	36.6	10.31	39.3	11.59	41.8	12.90	45.3	14.08
	33	23.6	6.29	30.2	8.44	37.1	11.21	39.9	12.62	42.9	14.23	45.7	15.90	47.0	16.29
	35	25.9	7.46	32.7	10.04	40.0	13.43	43.1	15.16	46.5	17.28	48.4	18.61	48.2	18.58
	37	25.9	7.92	32.7	10.74	40.0	14.49	43.1	16.43	46.5	18.90	46.8	19.11	46.8	19.11
	39	25.9	8.45	32.7	11.49	40.0	15.72	41.5	16.74	41.5	16.74	41.5	16.74	41.5	16.74
	41	25.9	9.07	32.7	12.36	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58
	43	25.9	9.73	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55
	46	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95
	48	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37

7. Capacity Tables

Cooling Capacity (14HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	8.3	1.84	13.0	1.98	16.4	2.25	17.0	2.30	17.6	2.35	18.9	2.47	26.7	3.23
	12	8.3	1.84	13.0	2.00	16.4	2.27	17.0	2.32	17.6	2.37	18.9	2.50	26.7	3.29
	14	8.3	1.84	13.0	2.00	16.4	2.30	17.0	2.35	17.6	2.39	18.9	2.52	26.7	3.32
	16	8.3	1.84	13.0	2.02	16.4	2.32	17.0	2.37	17.6	2.42	18.9	2.55	26.7	3.39
	18	8.3	1.84	13.0	2.04	16.4	2.35	17.0	2.39	17.6	2.45	18.9	2.57	26.7	3.45
	20	8.3	1.84	13.0	2.07	16.4	2.37	17.0	2.42	17.6	2.50	18.9	2.60	26.7	3.48
	21	9.3	1.93	14.1	2.25	17.7	2.66	18.5	2.77	19.3	2.92	20.6	3.09	28.1	3.97
	23	11.3	2.21	16.3	2.72	20.4	3.39	21.4	3.66	22.5	3.95	24.1	4.26	30.8	5.12
	25	13.4	2.60	18.6	3.37	23.0	4.39	24.4	4.77	25.8	5.15	27.6	5.59	33.5	6.48
	27	15.4	3.15	20.8	4.24	25.7	5.48	27.4	5.97	29.1	6.55	31.1	7.13	36.2	8.07
	29	17.4	3.91	23.0	5.24	28.4	6.70	30.3	7.37	32.4	8.14	34.5	8.92	38.9	10.00
	31	19.5	4.81	25.3	6.26	31.0	8.09	33.3	8.99	35.7	10.00	38.0	10.99	41.7	12.30
	33	21.5	5.64	27.5	7.46	33.7	9.75	36.2	10.86	39.0	12.18	41.5	13.48	44.4	14.80
	35	23.5	6.68	29.7	8.83	36.4	11.63	39.2	12.98	42.3	14.65	45.0	16.29	47.1	17.66
	37	23.5	7.10	29.7	9.46	36.4	12.50	39.2	14.01	42.3	15.88	45.0	17.73	46.8	19.11
	39	23.5	7.60	29.7	10.08	36.4	13.43	39.2	15.19	41.5	16.74	41.5	16.74	41.5	16.74
	41	23.5	8.06	29.7	10.85	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58	36.3	14.58
	43	23.5	8.66	29.7	11.62	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55
	46	23.5	9.54	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95
	48	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37
90	10	7.5	1.84	11.7	1.90	14.8	2.11	15.3	2.16	15.8	2.20	17.0	2.30	24.0	2.96
	12	7.5	1.84	11.7	1.90	14.8	2.13	15.3	2.18	15.8	2.23	17.0	2.32	24.0	2.99
	14	7.5	1.84	11.7	1.92	14.8	2.16	15.3	2.20	15.8	2.25	17.0	2.35	24.0	3.05
	16	7.5	1.84	11.7	1.92	14.8	2.18	15.3	2.23	15.8	2.27	17.0	2.37	24.0	3.08
	18	7.5	1.84	11.7	1.94	14.8	2.20	15.3	2.25	15.8	2.30	17.0	2.39	24.0	3.14
	20	7.5	1.84	11.7	1.96	14.8	2.23	15.3	2.27	15.8	2.32	17.0	2.42	24.0	3.17
	21	8.4	1.90	12.7	2.10	16.0	2.45	16.6	2.55	17.3	2.66	18.6	2.80	25.2	3.55
	23	10.2	2.10	14.7	2.46	18.3	3.03	19.3	3.24	20.3	3.47	21.7	3.76	27.7	4.51
	25	12.0	2.40	16.7	2.99	20.7	3.83	22.0	4.17	23.2	4.54	24.8	4.91	30.1	5.67
	27	13.9	2.85	18.7	3.71	23.1	4.83	24.6	5.25	26.2	5.71	28.0	6.20	32.6	6.97
	29	15.7	3.47	20.7	4.65	25.5	5.88	27.3	6.44	29.2	7.06	31.1	7.66	35.0	8.48
	31	17.5	4.31	22.7	5.54	27.9	7.08	30.0	7.78	32.1	8.61	34.2	9.40	37.5	10.40
	33	19.3	5.07	24.7	6.56	30.3	8.45	32.6	9.36	35.1	10.39	37.4	11.43	39.9	12.44
	35	21.2	5.94	26.7	7.74	32.7	10.04	35.3	11.13	38.0	12.44	40.5	13.68	42.4	14.73
	37	21.2	6.33	26.7	8.27	32.7	10.74	35.3	11.97	38.0	13.36	40.5	14.76	42.4	15.97
	39	21.2	6.74	26.7	8.82	32.7	11.50	35.3	12.86	38.0	14.43	40.5	16.01	41.5	16.74
	41	21.2	7.17	26.7	9.46	32.7	12.37	35.3	13.90	36.3	14.58	36.3	14.58	36.3	14.58
	43	21.2	7.67	26.7	10.09	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55
	46	21.2	8.46	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95
	48	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37
80	10	6.6	1.84	10.4	1.84	13.1	1.98	13.6	2.02	14.1	2.07	15.1	2.16	21.4	2.68
	12	6.6	1.84	10.4	1.84	13.1	2.00	13.6	2.04	14.1	2.09	15.1	2.16	21.4	2.73
	14	6.6	1.84	10.4	1.84	13.1	2.02	13.6	2.07	14.1	2.09	15.1	2.18	21.4	2.76
	16	6.6	1.84	10.4	1.84	13.1	2.04	13.6	2.07	14.1	2.11	15.1	2.20	21.4	2.79
	18	6.6	1.84	10.4	1.84	13.1	2.07	13.6	2.09	14.1	2.13	15.1	2.23	21.4	2.85
	20	6.6	1.84	10.4	1.86	13.1	2.07	13.6	2.11	14.1	2.16	15.1	2.25	21.4	2.87
	21	7.5	1.87	11.3	1.96	14.2	2.24	14.8	2.32	15.4	2.41	16.5	2.54	22.4	3.16
	23	9.1	2.00	13.1	2.23	16.3	2.70	17.1	2.87	18.0	3.06	19.3	3.29	24.6	3.91
	25	10.7	2.22	14.9	2.65	18.4	3.33	19.5	3.60	20.7	3.93	22.1	4.26	26.8	4.90
	27	12.3	2.56	16.6	3.23	20.6	4.15	21.9	4.55	23.3	4.96	24.9	5.36	29.0	5.97
	29	14.0	3.05	18.4	3.99	22.7	5.12	24.3	5.56	25.9	6.07	27.6	6.58	31.2	7.22
	31	15.6	3.75	20.2	4.87	24.8	6.10	26.6	6.70	28.6	7.34	30.4	7.96	33.3	8.73
	33	17.2	4.50	22.0	5.74	27.0	7.26	29.0	7.99	31.2	8.82	33.2	9.59	35.5	10.44
	35	18.8	5.25	23.8	6.74	29.1	8.58	31.4	9.46	33.8	10.51	36.0	11.48	37.7	12.28
	37	18.8	5.56	23.8	7.16	29.1	9.20	31.4	10.13	33.8	11.24	36.0	12.28	37.7	13.19
	39	18.8	5.94	23.8	7.66	29.1	9.81	31.4	10.84	33.8	12.09	36.0	13.26	37.7	14.25
	41	18.8	6.33	23.8	8.18	29.1	10.50	31.4	11.67	33.8	13.00	36.0	14.33	36.3	14.58
	43	18.8	6.73	23.8	8.73	29.1	11.31	31.4	12.55	31.4	12.55	31.4	12.55	31.4	12.55
	46	18.8	7.46	23.8	9.68	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95
	48	18.8	7.97	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37

7. Capacity Tables

Cooling Capacity (14HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	5.8	1.84	9.1	1.84	11.5	1.88	11.9	1.90	12.3	1.94	13.2	2.00	18.7	2.45
	12	5.8	1.84	9.1	1.84	11.5	1.88	11.9	1.92	12.3	1.94	13.2	2.02	18.7	2.47
	14	5.8	1.84	9.1	1.84	11.5	1.90	11.9	1.94	12.3	1.96	13.2	2.02	18.7	2.50
	16	5.8	1.84	9.1	1.84	11.5	1.92	11.9	1.94	12.3	1.98	13.2	2.04	18.7	2.52
	18	5.8	1.84	9.1	1.84	11.5	1.92	11.9	1.96	12.3	2.00	13.2	2.07	18.7	2.55
	20	5.8	1.84	9.1	1.84	11.5	1.94	11.9	1.98	12.3	2.00	13.2	2.09	18.7	2.60
	21	6.5	1.85	9.9	1.90	12.4	2.06	12.9	2.13	13.5	2.19	14.4	2.30	19.6	2.81
	23	7.9	1.91	11.4	2.08	14.3	2.40	15.0	2.52	15.8	2.68	16.9	2.85	21.5	3.35
	25	9.4	2.06	13.0	2.37	16.1	2.86	17.1	3.08	18.1	3.32	19.3	3.59	23.4	4.12
	27	10.8	2.31	14.6	2.80	18.0	3.51	19.2	3.83	20.4	4.21	21.7	4.56	25.4	5.09
	29	12.2	2.68	16.1	3.40	19.9	4.38	21.2	4.78	22.7	5.18	24.2	5.58	27.3	6.08
	31	13.6	3.23	17.7	4.22	21.7	5.26	23.3	5.71	25.0	6.20	26.6	6.73	29.2	7.24
	33	15.0	4.00	19.2	4.99	23.6	6.22	25.4	6.75	27.3	7.40	29.1	8.04	31.1	8.67
	35	16.5	4.60	20.8	5.80	25.4	7.29	27.4	7.98	29.6	8.77	31.5	9.52	33.0	10.11
	37	16.5	4.88	20.8	6.18	25.4	7.79	27.4	8.52	29.6	9.40	31.5	10.19	33.0	10.82
	39	16.5	5.22	20.8	6.58	25.4	8.32	27.4	9.14	29.6	10.01	31.5	10.91	33.0	11.64
	41	16.5	5.53	20.8	7.05	25.4	8.88	27.4	9.74	29.6	10.78	31.5	11.74	33.0	12.52
	43	16.5	5.90	20.8	7.49	25.4	9.52	27.4	10.44	29.6	11.54	31.4	12.55	31.4	12.55
	46	16.5	6.52	20.8	8.27	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95	24.3	9.95
	48	16.5	6.94	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37
60	10	5.0	1.84	7.8	1.84	9.8	1.84	10.2	1.84	10.6	1.84	11.3	1.86	16.0	2.23
	12	5.0	1.84	7.8	1.84	9.8	1.84	10.2	1.84	10.6	1.84	11.3	1.88	16.0	2.25
	14	5.0	1.84	7.8	1.84	9.8	1.84	10.2	1.84	10.6	1.84	11.3	1.90	16.0	2.25
	16	5.0	1.84	7.8	1.84	9.8	1.84	10.2	1.84	10.6	1.84	11.3	1.90	16.0	2.27
	18	5.0	1.84	7.8	1.84	9.8	1.84	10.2	1.84	10.6	1.86	11.3	1.92	16.0	2.30
	20	5.0	1.84	7.8	1.84	9.8	1.84	10.2	1.84	10.6	1.88	11.3	1.94	16.0	2.32
	21	5.6	1.83	8.5	1.86	10.6	1.91	11.1	1.93	11.6	2.00	12.4	2.08	16.8	2.46
	23	6.8	1.84	9.8	1.96	12.2	2.13	12.9	2.22	13.5	2.33	14.5	2.46	18.5	2.85
	25	8.0	1.92	11.1	2.15	13.8	2.46	14.6	2.61	15.5	2.81	16.6	3.00	20.1	3.41
	27	9.2	2.07	12.5	2.45	15.4	2.93	16.4	3.17	17.5	3.45	18.6	3.73	21.7	4.15
	29	10.5	2.35	13.8	2.90	17.0	3.58	18.2	3.94	19.4	4.31	20.7	4.67	23.4	5.06
	31	11.7	2.76	15.2	3.53	18.6	4.46	20.0	4.83	21.4	5.21	22.8	5.57	25.0	6.01
	33	12.9	3.38	16.5	4.30	20.2	5.25	21.7	5.66	23.4	6.16	24.9	6.64	26.6	7.08
	35	14.1	4.03	17.8	4.97	21.8	6.10	23.5	6.68	25.4	7.28	27.0	7.81	28.3	8.28
	37	14.1	4.28	17.8	5.31	21.8	6.50	23.5	7.10	25.4	7.74	27.0	8.34	28.3	8.83
	39	14.1	4.55	17.8	5.62	21.8	6.96	23.5	7.60	25.4	8.26	27.0	8.95	28.3	9.47
	41	14.1	4.83	17.8	6.00	21.8	7.40	23.5	8.06	25.4	8.82	27.0	9.54	28.3	10.15
	43	14.1	5.12	17.8	6.39	21.8	7.91	23.5	8.66	25.4	9.46	27.0	10.22	28.3	10.87
	46	14.1	5.64	17.8	7.04	21.8	8.73	23.5	9.54	24.3	9.95	24.3	9.95	24.3	9.95
	48	14.1	6.02	17.8	7.54	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37	19.8	8.37
50	10	4.2	1.84	6.5	1.84	8.2	1.84	8.5	1.84	8.8	1.84	9.4	1.84	13.3	2.00
	12	4.2	1.84	6.5	1.84	8.2	1.84	8.5	1.84	8.8	1.84	9.4	1.84	13.3	2.02
	14	4.2	1.84	6.5	1.84	8.2	1.84	8.5	1.84	8.8	1.84	9.4	1.84	13.3	2.04
	16	4.2	1.84	6.5	1.84	8.2	1.84	8.5	1.84	8.8	1.84	9.4	1.84	13.3	2.07
	18	4.2	1.84	6.5	1.84	8.2	1.84	8.5	1.84	8.8	1.84	9.4	1.84	13.3	2.07
	20	4.2	1.84	6.5	1.84	8.2	1.84	8.5	1.84	8.8	1.84	9.4	1.84	13.3	2.09
	21	4.7	1.81	7.1	1.83	8.9	1.87	9.2	1.88	9.6	1.90	10.3	1.92	14.0	2.17
	23	5.7	1.78	8.2	1.86	10.2	1.98	10.7	2.03	11.3	2.10	12.1	2.16	15.4	2.43
	25	6.7	1.79	9.3	1.96	11.5	2.18	12.2	2.28	12.9	2.40	13.8	2.51	16.7	2.80
	27	7.7	1.87	10.4	2.14	12.9	2.49	13.7	2.65	14.6	2.83	15.5	3.02	18.1	3.32
	29	8.7	2.04	11.5	2.45	14.2	2.94	15.2	3.18	16.2	3.46	17.3	3.71	19.5	4.05
	31	9.7	2.33	12.6	2.90	15.5	3.61	16.6	3.92	17.8	4.30	19.0	4.60	20.8	4.91
	33	10.7	2.81	13.7	3.57	16.8	4.38	18.1	4.70	19.5	5.07	20.8	5.38	22.2	5.73
	35	11.8	3.46	14.9	4.20	18.2	5.06	19.6	5.45	21.1	5.90	22.5	6.31	23.6	6.68
	37	11.8	3.68	14.9	4.46	18.2	5.41	19.6	5.81	21.1	6.29	22.5	6.77	23.6	7.10
	39	11.8	3.88	14.9	4.74	18.2	5.73	19.6	6.20	21.1	6.74	22.5	7.19	23.6	7.60
	41	11.8	4.13	14.9	5.03	18.2	6.11	19.6	6.60	21.1	7.17	22.5	7.69	23.6	8.12
	43	11.8	4.39	14.9	5.38	18.2	6.51	19.6	7.07	21.1	7.66	22.5	8.22	23.6	8.66
	46	11.8	4.86	14.9	5.91	18.2	7.16	19.6	7.77	21.1	8.46	22.5	9.06	23.6	9.60
	48	11.8	5.16	14.9	6.30	18.2	7.66	19.6	8.30	19.8	8.37	19.8	8.37	19.8	8.37

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM160LTE5

Cooling Capacity (16HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	12.3	1.92	19.3	2.50	24.4	2.98	25.2	3.10	26.2	3.19	28.1	3.41	39.7	4.94
	12	12.3	1.94	19.3	2.52	24.4	3.04	25.2	3.13	26.2	3.25	28.1	3.47	39.7	5.02
	14	12.3	1.94	19.3	2.55	24.4	3.07	25.2	3.19	26.2	3.28	28.1	3.50	39.7	5.14
	16	12.3	1.97	19.3	2.60	24.4	3.13	25.2	3.22	26.2	3.34	28.1	3.57	39.7	5.22
	18	12.3	1.99	19.3	2.63	24.4	3.19	25.2	3.28	26.2	3.41	28.1	3.63	39.7	5.35
	20	12.3	2.01	19.3	2.65	24.4	3.22	25.2	3.34	26.2	3.44	28.1	3.70	39.7	5.47
	21	13.8	2.32	20.9	3.15	26.3	3.95	27.2	4.10	28.1	4.18	29.9	4.43	40.7	6.08
	23	16.9	3.07	24.3	4.33	30.3	5.62	31.0	5.72	31.7	5.79	33.2	6.00	42.5	7.42
	25	19.9	4.08	27.6	5.68	33.9	7.40	34.4	7.48	35.0	7.54	36.2	7.71	43.9	9.35
	27	22.9	5.21	30.9	7.27	37.1	9.31	37.5	9.37	37.9	9.41	38.8	9.54	44.9	11.17
	29	25.9	6.49	34.2	9.10	40.0	11.41	40.2	11.48	40.4	11.55	41.0	11.72	45.6	12.89
	31	28.9	7.92	37.5	11.28	42.5	13.75	42.5	13.78	42.6	13.82	43.1	13.93	46.2	14.71
	33	31.9	9.63	40.8	13.83	44.5	16.08	44.5	16.08	44.7	16.11	44.9	16.16	46.5	16.59
	35	35.0	11.53	44.2	16.78	46.4	18.52	46.4	18.52	46.4	18.52	46.4	18.52	46.4	18.52
	37	35.0	12.45	44.2	18.35	45.0	19.04	45.0	19.04	45.0	19.04	45.0	19.04	45.0	19.04
	39	35.0	13.39	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60
	41	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45
	43	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44
	46	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34
120	10	11.4	1.84	17.8	2.37	22.5	2.81	23.3	2.90	24.1	2.98	25.9	3.16	36.6	4.48
	12	11.4	1.86	17.8	2.40	22.5	2.84	23.3	2.93	24.1	3.01	25.9	3.22	36.6	4.59
	14	11.4	1.88	17.8	2.42	22.5	2.87	23.3	2.96	24.1	3.07	25.9	3.25	36.6	4.67
	16	11.4	1.90	17.8	2.45	22.5	2.93	23.3	3.01	24.1	3.10	25.9	3.31	36.6	4.74
	18	11.4	1.90	17.8	2.47	22.5	2.96	23.3	3.04	24.1	3.16	25.9	3.38	36.6	4.86
	20	11.4	1.92	17.8	2.50	22.5	3.01	23.3	3.10	24.1	3.19	25.9	3.41	36.6	4.94
	21	12.8	2.18	19.3	2.91	24.3	3.64	25.3	3.83	26.2	3.95	27.8	4.15	37.8	5.58
	23	15.6	2.83	22.4	3.94	28.0	5.08	29.4	5.50	30.1	5.59	31.5	5.76	40.1	7.03
	25	18.3	3.68	25.5	5.14	31.6	6.75	33.2	7.32	33.7	7.38	34.8	7.52	41.9	8.79
	27	21.1	4.75	28.5	6.52	35.3	8.73	36.6	9.25	36.9	9.29	37.8	9.40	43.4	10.78
	29	23.9	5.87	31.6	8.09	38.9	11.07	39.6	11.31	39.8	11.37	40.4	11.53	44.5	12.59
	31	26.7	7.15	34.6	9.94	42.2	13.64	42.2	13.68	42.2	13.71	42.5	13.80	45.4	14.48
	33	29.5	8.60	37.7	12.16	44.5	16.06	44.4	16.05	44.4	16.05	44.6	16.10	46.0	16.46
	35	32.3	10.34	40.8	14.61	46.5	18.53	46.4	18.52	46.4	18.52	46.4	18.52	46.4	18.52
	37	32.3	11.07	40.8	15.91	45.0	19.04	45.0	19.04	45.0	19.04	45.0	19.04	45.0	19.04
	39	32.3	11.90	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60
	41	32.3	12.87	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45
	43	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44
	46	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34
110	10	10.4	1.80	16.3	2.23	20.6	2.63	21.4	2.68	22.1	2.76	23.7	2.93	33.6	4.07
	12	10.4	1.80	16.3	2.25	20.6	2.65	21.4	2.73	22.1	2.81	23.7	2.98	33.6	4.15
	14	10.4	1.80	16.3	2.28	20.6	2.68	21.4	2.76	22.1	2.84	23.7	3.01	33.6	4.22
	16	10.4	1.82	16.3	2.30	20.6	2.73	21.4	2.79	22.1	2.87	23.7	3.07	33.6	4.29
	18	10.4	1.84	16.3	2.32	20.6	2.76	21.4	2.84	22.1	2.93	23.7	3.10	33.6	4.40
	20	10.4	1.84	16.3	2.35	20.6	2.79	21.4	2.87	22.1	2.96	23.7	3.16	33.6	4.48
	21	11.7	2.05	17.7	2.69	22.3	3.32	23.2	3.49	24.2	3.68	25.8	3.93	35.0	5.15
	23	14.3	2.60	20.5	3.55	25.6	4.56	26.9	4.91	28.3	5.33	29.8	5.57	37.6	6.63
	25	16.8	3.33	23.3	4.63	29.0	6.01	30.7	6.58	32.4	7.22	33.5	7.34	40.0	8.27
	27	19.4	4.26	26.1	5.84	32.3	7.65	34.4	8.51	36.0	9.17	36.8	9.26	41.9	10.32
	29	21.9	5.29	28.9	7.18	35.7	9.62	38.1	10.81	39.1	11.26	39.7	11.34	43.5	12.33
	31	24.5	6.39	31.8	8.79	39.0	11.96	41.8	13.57	41.9	13.61	42.2	13.69	44.7	14.29
	33	27.0	7.72	34.6	10.64	42.4	14.70	44.4	16.04	44.3	16.02	44.3	16.04	45.6	16.35
	35	29.6	9.17	37.4	12.78	45.7	17.88	46.5	18.54	46.4	18.52	46.4	18.52	46.4	18.52
	37	29.6	9.83	37.4	13.79	45.0	19.04	45.0	19.04	45.0	19.04	45.0	19.04	45.0	19.04
	39	29.6	10.53	37.4	14.90	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60
	41	29.6	11.34	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45
	43	29.6	12.27	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44
	46	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34

7. Capacity Tables

Cooling Capacity (16HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	9.5	1.80	14.8	2.12	18.7	2.45	19.4	2.50	20.1	2.57	21.6	2.71	30.5	3.70
	12	9.5	1.80	14.8	2.14	18.7	2.47	19.4	2.55	20.1	2.60	21.6	2.76	30.5	3.76
	14	9.5	1.80	14.8	2.16	18.7	2.50	19.4	2.57	20.1	2.63	21.6	2.79	30.5	3.83
	16	9.5	1.80	14.8	2.18	18.7	2.52	19.4	2.60	20.1	2.68	21.6	2.81	30.5	3.90
	18	9.5	1.80	14.8	2.21	18.7	2.57	19.4	2.63	20.1	2.71	21.6	2.87	30.5	3.97
	20	9.5	1.80	14.8	2.23	18.7	2.60	19.4	2.68	20.1	2.73	21.6	2.90	30.5	4.04
	21	10.6	1.97	16.1	2.50	20.3	3.03	21.1	3.19	22.0	3.34	23.6	3.58	32.1	4.71
	23	13.0	2.40	18.7	3.18	23.3	4.09	24.5	4.38	25.8	4.73	27.6	5.12	35.2	6.26
	25	15.3	2.97	21.2	4.11	26.3	5.31	27.9	5.79	29.5	6.34	31.5	6.94	38.0	7.96
	27	17.6	3.77	23.8	5.16	29.4	6.73	31.3	7.41	33.3	8.21	35.5	9.04	40.4	9.88
	29	19.9	4.75	26.3	6.37	32.4	8.34	34.7	9.29	37.0	10.41	39.0	11.23	42.5	12.05
	31	22.2	5.71	28.9	7.70	35.5	10.29	38.0	11.53	40.8	13.04	41.9	13.58	44.1	14.12
	33	24.6	6.85	31.4	9.28	38.5	12.54	41.4	14.20	44.3	16.01	44.3	16.02	45.4	16.26
	35	26.9	8.13	34.0	11.10	41.5	15.11	44.8	17.23	46.6	18.55	46.4	18.52	46.4	18.52
	37	26.9	8.68	34.0	11.93	41.5	16.45	44.8	18.85	45.0	19.04	45.0	19.04	45.0	19.04
	39	26.9	9.31	34.0	12.83	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60
	41	26.9	9.98	34.0	13.94	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45
	43	26.9	10.76	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44
	46	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34
90	10	8.5	1.80	13.4	2.01	16.9	2.28	17.5	2.32	18.1	2.40	19.4	2.50	27.5	3.34
	12	8.5	1.80	13.4	2.01	16.9	2.30	17.5	2.35	18.1	2.42	19.4	2.55	27.5	3.38
	14	8.5	1.80	13.4	2.03	16.9	2.32	17.5	2.40	18.1	2.45	19.4	2.57	27.5	3.44
	16	8.5	1.80	13.4	2.05	16.9	2.35	17.5	2.42	18.1	2.47	19.4	2.60	27.5	3.50
	18	8.5	1.80	13.4	2.07	16.9	2.37	17.5	2.45	18.1	2.50	19.4	2.63	27.5	3.57
	20	8.5	1.80	13.4	2.09	16.9	2.42	17.5	2.47	18.1	2.55	19.4	2.68	27.5	3.63
	21	9.6	1.92	14.5	2.31	18.2	2.76	19.0	2.88	19.8	3.03	21.2	3.23	28.9	4.18
	23	11.7	2.25	16.8	2.85	21.0	3.59	22.0	3.89	23.2	4.17	24.8	4.50	31.7	5.45
	25	13.8	2.71	19.1	3.59	23.7	4.66	25.1	5.06	26.6	5.52	28.4	5.99	34.5	6.97
	27	15.8	3.33	21.4	4.58	26.4	5.87	28.1	6.40	29.9	7.07	32.0	7.71	37.3	8.76
	29	17.9	4.19	23.7	5.57	29.2	7.24	31.2	7.99	33.3	8.86	35.5	9.75	40.1	11.01
	31	20.0	5.08	26.0	6.73	31.9	8.82	34.2	9.81	36.7	10.94	39.1	12.13	42.9	13.58
	33	22.1	6.07	28.3	8.07	34.7	10.70	37.3	11.95	40.1	13.49	42.7	15.03	45.3	16.22
	35	24.2	7.16	30.6	9.56	37.4	12.78	40.3	14.36	43.5	16.33	46.3	18.27	46.6	18.55
	37	24.2	7.65	30.6	10.30	37.4	13.79	40.3	15.58	43.5	17.86	45.0	19.04	45.0	19.04
	39	24.2	8.18	30.6	11.02	37.4	14.97	39.8	16.60	39.8	16.60	39.8	16.60	39.8	16.60
	41	24.2	8.73	30.6	11.86	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45
	43	24.2	9.37	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44
	46	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34
80	10	7.6	1.80	11.9	1.88	15.0	2.12	15.5	2.16	16.1	2.21	17.3	2.32	24.4	3.01
	12	7.6	1.80	11.9	1.90	15.0	2.14	15.5	2.18	16.1	2.23	17.3	2.35	24.4	3.04
	14	7.6	1.80	11.9	1.92	15.0	2.16	15.5	2.21	16.1	2.25	17.3	2.37	24.4	3.10
	16	7.6	1.80	11.9	1.92	15.0	2.18	15.5	2.23	16.1	2.28	17.3	2.40	24.4	3.13
	18	7.6	1.80	11.9	1.94	15.0	2.21	15.5	2.25	16.1	2.30	17.3	2.42	24.4	3.19
	20	7.6	1.80	11.9	1.97	15.0	2.23	15.5	2.28	16.1	2.35	17.3	2.45	24.4	3.22
	21	8.5	1.89	12.9	2.12	16.2	2.49	16.9	2.59	17.6	2.72	18.9	2.87	25.6	3.65
	23	10.4	2.12	14.9	2.54	18.6	3.15	19.6	3.37	20.6	3.63	22.0	3.94	28.1	4.71
	25	12.2	2.46	17.0	3.12	21.1	4.02	22.3	4.39	23.6	4.77	25.2	5.15	30.6	5.95
	27	14.1	2.95	19.0	3.91	23.5	5.07	25.0	5.53	26.6	6.03	28.4	6.54	33.1	7.38
	29	15.9	3.65	21.1	4.86	25.9	6.19	27.7	6.81	29.6	7.49	31.6	8.19	35.6	9.09
	31	17.8	4.51	23.1	5.85	28.4	7.52	30.4	8.29	32.6	9.19	34.8	10.07	38.1	11.20
	33	19.7	5.32	25.1	6.97	30.8	9.05	33.1	10.00	35.6	11.19	38.0	12.34	40.6	13.46
	35	21.5	6.24	27.2	8.25	33.2	10.75	35.8	11.97	38.6	13.41	41.1	14.86	43.1	16.06
	37	21.5	6.69	27.2	8.80	33.2	11.56	35.8	12.92	38.6	14.54	41.1	16.11	43.1	17.49
	39	21.5	7.12	27.2	9.44	33.2	12.44	35.8	13.96	38.6	15.78	39.8	16.60	39.8	16.60
	41	21.5	7.61	27.2	10.12	33.2	13.45	34.8	14.45	34.8	14.45	34.8	14.45	34.8	14.45
	43	21.5	8.14	27.2	10.90	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44
	46	21.5	9.03	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34

7. Capacity Tables

Cooling Capacity (16HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	6.6	1.80	10.4	1.80	13.1	1.99	13.6	2.01	14.1	2.05	15.1	2.14	21.4	2.68
	12	6.6	1.80	10.4	1.80	13.1	1.99	13.6	2.03	14.1	2.07	15.1	2.16	21.4	2.73
	14	6.6	1.80	10.4	1.80	13.1	2.01	13.6	2.05	14.1	2.09	15.1	2.18	21.4	2.76
	16	6.6	1.80	10.4	1.82	13.1	2.03	13.6	2.07	14.1	2.12	15.1	2.21	21.4	2.79
	18	6.6	1.80	10.4	1.82	13.1	2.05	13.6	2.09	14.1	2.14	15.1	2.23	21.4	2.84
	20	6.6	1.80	10.4	1.84	13.1	2.07	13.6	2.12	14.1	2.16	15.1	2.25	21.4	2.87
	21	7.5	1.85	11.3	1.95	14.2	2.26	14.8	2.34	15.4	2.44	16.5	2.57	22.4	3.18
	23	9.1	2.00	13.1	2.27	16.3	2.74	17.1	2.91	18.0	3.12	19.3	3.35	24.6	4.00
	25	10.7	2.24	14.9	2.70	18.4	3.41	19.5	3.70	20.7	4.04	22.1	4.38	26.8	5.04
	27	12.3	2.61	16.6	3.32	20.6	4.29	21.9	4.71	23.3	5.12	24.9	5.52	29.0	6.16
	29	14.0	3.13	18.4	4.15	22.7	5.29	24.3	5.75	25.9	6.30	27.6	6.82	31.2	7.49
	31	15.6	3.89	20.2	5.04	24.8	6.34	26.6	6.95	28.6	7.64	30.4	8.32	33.3	9.13
	33	17.2	4.65	22.0	5.96	27.0	7.59	29.0	8.35	31.2	9.20	33.2	10.05	35.5	10.92
	35	18.8	5.43	23.8	6.99	29.1	8.98	31.4	9.94	33.8	11.03	36.0	12.04	37.7	12.93
	37	18.8	5.80	23.8	7.48	29.1	9.63	31.4	10.64	33.8	11.86	36.0	13.00	37.7	13.96
	39	18.8	6.18	23.8	8.00	29.1	10.32	31.4	11.45	33.8	12.75	36.0	14.04	37.7	15.15
	41	18.8	6.58	23.8	8.54	29.1	11.11	31.4	12.32	33.8	13.78	34.8	14.45	34.8	14.45
	43	18.8	7.05	23.8	9.17	29.1	11.96	30.0	12.44	30.0	12.44	30.0	12.44	30.0	12.44
	46	18.8	7.80	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34
60	10	5.7	1.80	8.9	1.80	11.2	1.84	11.7	1.86	12.1	1.90	13.0	1.97	18.3	2.40
	12	5.7	1.80	8.9	1.80	11.2	1.86	11.7	1.88	12.1	1.92	13.0	1.99	18.3	2.42
	14	5.7	1.80	8.9	1.80	11.2	1.86	11.7	1.90	12.1	1.92	13.0	2.01	18.3	2.47
	16	5.7	1.80	8.9	1.80	11.2	1.88	11.7	1.92	12.1	1.94	13.0	2.01	18.3	2.50
	18	5.7	1.80	8.9	1.80	11.2	1.90	11.7	1.92	12.1	1.97	13.0	2.03	18.3	2.52
	20	5.7	1.80	8.9	1.80	11.2	1.92	11.7	1.94	12.1	1.99	13.0	2.05	18.3	2.55
	21	6.4	1.82	9.7	1.87	12.2	2.05	12.7	2.10	13.2	2.17	14.1	2.27	19.2	2.76
	23	7.8	1.89	11.2	2.07	14.0	2.38	14.7	2.52	15.5	2.66	16.5	2.84	21.1	3.35
	25	9.2	2.05	12.7	2.37	15.8	2.87	16.7	3.08	17.7	3.33	18.9	3.61	23.0	4.12
	27	10.6	2.31	14.3	2.81	17.6	3.53	18.8	3.86	20.0	4.24	21.3	4.60	24.8	5.12
	29	12.0	2.69	15.8	3.42	19.5	4.41	20.8	4.82	22.2	5.22	23.7	5.63	26.7	6.15
	31	13.3	3.26	17.3	4.28	21.3	5.32	22.8	5.76	24.5	6.30	26.1	6.80	28.6	7.35
	33	14.7	4.02	18.8	5.05	23.1	6.29	24.9	6.87	26.7	7.53	28.5	8.17	30.4	8.81
	35	16.1	4.67	20.4	5.88	24.9	7.43	26.9	8.13	29.0	8.93	30.8	9.69	32.3	10.34
	37	16.1	4.96	20.4	6.31	24.9	7.94	26.9	8.68	29.0	9.57	30.8	10.38	32.3	11.07
	39	16.1	5.30	20.4	6.72	24.9	8.48	26.9	9.31	29.0	10.25	30.8	11.17	32.3	11.91
	41	16.1	5.66	20.4	7.20	24.9	9.05	26.9	9.98	29.0	11.04	30.8	12.02	32.3	12.88
	43	16.1	6.04	20.4	7.65	24.9	9.71	26.9	10.76	29.0	11.89	30.0	12.44	30.0	12.44
	46	16.1	6.67	20.4	8.50	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86	23.1	9.86
	48	16.1	7.09	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34
50	10	4.7	1.80	7.4	1.80	9.4	1.80	9.7	1.80	10.1	1.80	10.8	1.80	15.3	2.14
	12	4.7	1.80	7.4	1.80	9.4	1.80	9.7	1.80	10.1	1.80	10.8	1.82	15.3	2.16
	14	4.7	1.80	7.4	1.80	9.4	1.80	9.7	1.80	10.1	1.80	10.8	1.84	15.3	2.18
	16	4.7	1.80	7.4	1.80	9.4	1.80	9.7	1.80	10.1	1.80	10.8	1.84	15.3	2.21
	18	4.7	1.80	7.4	1.80	9.4	1.80	9.7	1.80	10.1	1.80	10.8	1.86	15.3	2.23
	20	4.7	1.80	7.4	1.80	9.4	1.80	9.7	1.80	10.1	1.82	10.8	1.88	15.3	2.25
	21	5.3	1.79	8.1	1.83	10.1	1.88	10.6	1.90	11.0	1.94	11.8	2.02	16.0	2.39
	23	6.5	1.81	9.3	1.93	11.6	2.08	12.2	2.15	12.9	2.26	13.8	2.39	17.6	2.77
	25	7.6	1.88	10.6	2.10	13.2	2.40	13.9	2.56	14.8	2.72	15.8	2.92	19.1	3.31
	27	8.8	2.03	11.9	2.39	14.7	2.86	15.6	3.09	16.6	3.36	17.8	3.64	20.7	4.04
	29	10.0	2.31	13.2	2.83	16.2	3.52	17.3	3.84	18.5	4.22	19.7	4.58	22.3	4.96
	31	11.1	2.71	14.4	3.45	17.7	4.38	19.0	4.73	20.4	5.11	21.7	5.47	23.8	5.86
	33	12.3	3.33	15.7	4.21	19.3	5.15	20.7	5.58	22.3	6.04	23.7	6.52	25.4	6.94
	35	13.4	3.98	17.0	4.91	20.8	6.03	22.4	6.55	24.2	7.15	25.7	7.72	26.9	8.13
	37	13.4	4.23	17.0	5.20	20.8	6.43	22.4	6.97	24.2	7.65	25.7	8.24	26.9	8.68
	39	13.4	4.49	17.0	5.56	20.8	6.89	22.4	7.46	24.2	8.17	25.7	8.80	26.9	9.31
	41	13.4	4.77	17.0	5.93	20.8	7.32	22.4	7.98	24.2	8.72	25.7	9.44	26.9	9.98
	43	13.4	5.11	17.0	6.32	20.8	7.83	22.4	8.57	24.2	9.36	25.7	10.12	26.9	10.76
	46	13.4	5.62	17.0	7.02	20.8	8.70	22.4	9.50	23.1	9.86	23.1	9.86	23.1	9.86
	48	13.4	6.00	17.0	7.46	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34	18.8	8.34

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM180LTE5

Cooling Capacity (18HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	13.9	2.75	21.7	2.96	27.4	3.39	28.4	3.48	29.4	3.56	31.6	3.78	44.6	5.10
	12	13.9	2.75	21.7	2.96	27.4	3.44	28.4	3.52	29.4	3.60	31.6	3.82	44.6	5.16
	14	13.9	2.75	21.7	3.00	27.4	3.48	28.4	3.56	29.4	3.65	31.6	3.87	44.6	5.26
	16	13.9	2.75	21.7	3.04	27.4	3.52	28.4	3.60	29.4	3.69	31.6	3.91	44.6	5.32
	18	13.9	2.75	21.7	3.08	27.4	3.56	28.4	3.65	29.4	3.73	31.6	3.96	44.6	5.43
	20	13.9	2.75	21.7	3.08	27.4	3.60	28.4	3.69	29.4	3.82	31.6	4.00	44.6	5.49
	21	15.6	2.95	23.6	3.43	29.6	4.15	30.9	4.34	32.2	4.59	34.5	4.87	46.9	6.34
	23	19.0	3.47	27.3	4.33	34.1	5.51	35.8	5.89	37.7	6.33	40.3	6.85	51.4	8.33
	25	22.4	4.19	31.0	5.51	38.5	7.08	40.8	7.69	43.2	8.40	46.1	9.16	56.0	10.71
	27	25.8	5.14	34.8	6.86	43.0	8.88	45.7	9.77	48.7	10.82	51.9	11.90	60.5	13.71
	29	29.1	6.34	38.5	8.38	47.4	11.03	50.7	12.21	54.2	13.63	57.7	15.04	65.1	17.32
	31	32.5	7.56	42.2	10.16	51.9	13.47	55.6	15.09	59.7	16.99	63.6	18.91	69.6	21.22
	33	35.9	9.01	45.9	12.26	56.3	16.39	60.6	18.47	65.2	20.86	69.4	23.31	74.2	25.80
	35	39.3	10.68	49.7	14.58	60.8	19.55	65.5	22.19	70.6	25.25	72.3	26.37	72.3	26.37
	37	39.3	11.42	49.7	15.60	60.8	21.11	64.7	23.48	64.7	23.48	64.7	23.48	64.7	23.48
	39	39.3	12.28	49.7	16.80	57.3	20.84	57.3	20.84	57.3	20.84	57.3	20.84	57.3	20.84
	41	39.3	13.18	49.7	18.07	50.2	18.34	50.2	18.34	50.2	18.34	50.2	18.34	50.2	18.34
	43	39.3	14.14	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08
	46	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92
	48	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05
120	10	12.8	2.75	20.0	2.82	25.3	3.23	26.2	3.31	27.2	3.39	29.1	3.56	41.2	4.73
	12	12.8	2.75	20.0	2.85	25.3	3.27	26.2	3.35	27.2	3.44	29.1	3.60	41.2	4.79
	14	12.8	2.75	20.0	2.89	25.3	3.31	26.2	3.39	27.2	3.48	29.1	3.65	41.2	4.84
	16	12.8	2.75	20.0	2.89	25.3	3.35	26.2	3.39	27.2	3.52	29.1	3.69	41.2	4.94
	18	12.8	2.75	20.0	2.93	25.3	3.35	26.2	3.44	27.2	3.52	29.1	3.73	41.2	4.99
	20	12.8	2.75	20.0	2.96	25.3	3.39	26.2	3.48	27.2	3.56	29.1	3.78	41.2	5.10
	21	14.4	2.90	21.8	3.25	27.3	3.85	28.5	4.03	29.7	4.21	31.8	4.52	43.3	5.83
	23	17.5	3.32	25.2	3.99	31.5	5.01	33.1	5.39	34.8	5.77	37.2	6.21	47.5	7.50
	25	20.6	3.92	28.6	4.99	35.6	6.43	37.6	6.96	39.8	7.56	42.6	8.24	51.7	9.57
	27	23.8	4.74	32.1	6.26	39.7	8.01	42.2	8.76	44.9	9.64	47.9	10.54	55.9	11.98
	29	26.9	5.82	35.5	7.61	43.8	9.87	46.8	10.91	50.0	12.08	53.3	13.30	60.1	15.06
	31	30.0	6.96	39.0	9.16	47.9	12.01	51.3	13.33	55.1	14.93	58.7	16.48	64.3	18.40
	33	33.2	8.21	42.4	10.95	52.0	14.52	55.9	16.25	60.1	18.22	64.0	20.22	68.5	22.21
	35	36.3	9.71	45.9	13.04	56.1	17.33	60.5	19.42	65.2	22.04	69.4	24.46	72.3	26.37
	37	36.3	10.40	45.9	13.98	56.1	18.63	60.5	20.97	64.7	23.48	64.7	23.48	64.7	23.48
	39	36.3	11.13	45.9	14.98	56.1	20.13	57.3	20.84	57.3	20.84	57.3	20.84	57.3	20.84
	41	36.3	11.89	45.9	16.13	50.2	18.34	50.2	18.34	50.2	18.34	50.2	18.34	50.2	18.34
	43	36.3	12.77	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08
	46	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92
	48	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05
110	10	11.7	2.75	18.4	2.75	23.2	3.08	24.0	3.12	24.9	3.19	26.7	3.35	37.7	4.38
	12	11.7	2.75	18.4	2.75	23.2	3.08	24.0	3.15	24.9	3.23	26.7	3.39	37.7	4.43
	14	11.7	2.75	18.4	2.75	23.2	3.12	24.0	3.19	24.9	3.27	26.7	3.44	37.7	4.48
	16	11.7	2.75	18.4	2.78	23.2	3.15	24.0	3.23	24.9	3.31	26.7	3.48	37.7	4.53
	18	11.7	2.75	18.4	2.78	23.2	3.19	24.0	3.27	24.9	3.35	26.7	3.48	37.7	4.63
	20	11.7	2.75	18.4	2.82	23.2	3.23	24.0	3.31	24.9	3.35	26.7	3.52	37.7	4.68
	21	13.2	2.86	19.9	3.05	25.1	3.61	26.1	3.76	27.2	3.90	29.2	4.14	39.7	5.30
	23	16.0	3.19	23.1	3.66	28.8	4.55	30.3	4.87	31.9	5.25	34.1	5.63	43.5	6.78
	25	18.9	3.68	26.3	4.51	32.6	5.80	34.5	6.26	36.5	6.78	39.0	7.35	47.4	8.51
	27	21.8	4.33	29.4	5.63	36.4	7.19	38.7	7.85	41.2	8.58	43.9	9.35	51.2	10.55
	29	24.7	5.25	32.6	6.84	40.1	8.79	42.9	9.69	45.8	10.66	48.9	11.64	55.1	13.11
	31	27.5	6.35	35.7	8.21	43.9	10.67	47.1	11.81	50.5	13.11	53.8	14.35	58.9	15.99
	33	30.4	7.45	38.9	9.79	47.7	12.86	51.3	14.28	55.1	15.89	58.7	17.60	62.8	19.19
	35	33.3	8.79	42.0	11.67	51.4	15.27	55.4	17.07	59.8	19.13	63.6	21.07	66.6	22.79
	37	33.3	9.36	42.0	12.45	51.4	16.34	55.4	18.35	59.8	20.55	63.6	22.85	64.7	23.48
	39	33.3	10.04	42.0	13.37	51.4	17.58	55.4	19.72	57.3	20.84	57.3	20.84	57.3	20.84
	41	33.3	10.74	42.0	14.33	50.2	18.34	50.2	18.34	50.2	18.34	50.2	18.34	50.2	18.34
	43	33.3	11.48	42.0	15.35	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08
	46	33.3	12.80	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92
	48	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05

7. Capacity Tables

Cooling Capacity (18HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	10.7	2.75	16.7	2.75	21.1	2.89	21.8	2.96	22.6	3.04	24.3	3.15	34.3	4.00
	12	10.7	2.75	16.7	2.75	21.1	2.93	21.8	3.00	22.6	3.04	24.3	3.19	34.3	4.10
	14	10.7	2.75	16.7	2.75	21.1	2.96	21.8	3.00	22.6	3.08	24.3	3.23	34.3	4.14
	16	10.7	2.75	16.7	2.75	21.1	3.00	21.8	3.04	22.6	3.12	24.3	3.23	34.3	4.19
	18	10.7	2.75	16.7	2.75	21.1	3.00	21.8	3.08	22.6	3.15	24.3	3.27	34.3	4.24
	20	10.7	2.75	16.7	2.75	21.1	3.04	21.8	3.12	22.6	3.15	24.3	3.31	34.3	4.29
	21	12.0	2.82	18.1	2.93	22.8	3.34	23.7	3.48	24.8	3.59	26.5	3.82	36.1	4.78
	23	14.6	3.06	21.0	3.41	26.2	4.10	27.6	4.39	29.0	4.70	31.0	5.08	39.6	6.04
	25	17.2	3.43	23.9	4.09	29.6	5.14	31.4	5.59	33.2	6.07	35.5	6.55	43.1	7.51
	27	19.8	3.98	26.7	5.00	33.1	6.42	35.2	6.99	37.4	7.60	39.9	8.26	46.6	9.27
	29	22.4	4.75	29.6	6.15	36.5	7.81	39.0	8.55	41.7	9.39	44.4	10.23	50.1	11.30
	31	25.0	5.77	32.5	7.37	39.9	9.41	42.8	10.34	45.9	11.45	48.9	12.50	53.6	13.78
	33	27.6	6.73	35.3	8.70	43.3	11.24	46.6	12.46	50.1	13.84	53.4	15.13	57.1	16.47
	35	30.3	7.84	38.2	10.29	46.7	13.36	50.4	14.82	54.3	16.48	57.8	18.11	60.6	19.53
	37	30.3	8.44	38.2	11.09	46.7	14.33	50.4	15.96	54.3	17.73	57.8	19.56	60.6	21.09
	39	30.3	9.00	38.2	11.85	46.7	15.34	50.4	17.07	54.3	19.16	57.3	20.84	57.3	20.84
	41	30.3	9.65	38.2	12.65	46.7	16.52	50.2	18.34	50.2	18.34	50.2	18.34	50.2	18.34
	43	30.3	10.34	38.2	13.57	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08
	46	30.3	11.48	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92
	48	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05
90	10	9.6	2.75	15.0	2.75	19.0	2.75	19.7	2.82	20.4	2.85	21.9	2.96	30.9	3.69
	12	9.6	2.75	15.0	2.75	19.0	2.78	19.7	2.82	20.4	2.89	21.9	3.00	30.9	3.73
	14	9.6	2.75	15.0	2.75	19.0	2.78	19.7	2.85	20.4	2.89	21.9	3.00	30.9	3.78
	16	9.6	2.75	15.0	2.75	19.0	2.82	19.7	2.85	20.4	2.93	21.9	3.04	30.9	3.82
	18	9.6	2.75	15.0	2.75	19.0	2.85	19.7	2.89	20.4	2.96	21.9	3.08	30.9	3.91
	20	9.6	2.75	15.0	2.75	19.0	2.85	19.7	2.93	20.4	2.96	21.9	3.12	30.9	3.96
	21	10.8	2.79	16.3	2.87	20.5	3.09	21.4	3.21	22.3	3.31	23.9	3.51	32.5	4.35
	23	13.1	2.95	18.9	3.23	23.6	3.72	24.8	3.93	26.1	4.20	27.9	4.49	35.6	5.32
	25	15.5	3.22	21.5	3.76	26.7	4.53	28.2	4.93	29.9	5.36	31.9	5.79	38.8	6.62
	27	17.8	3.65	24.1	4.49	29.7	5.65	31.7	6.16	33.7	6.71	36.0	7.22	41.9	8.08
	29	20.2	4.29	26.6	5.47	32.8	6.90	35.1	7.49	37.5	8.19	40.0	8.86	45.1	9.73
	31	22.5	5.12	29.2	6.54	35.9	8.23	38.5	9.02	41.3	9.91	44.0	10.80	48.2	11.80
	33	24.9	6.04	31.8	7.75	39.0	9.87	41.9	10.84	45.1	11.95	48.0	13.03	51.4	14.15
	35	27.2	7.01	34.4	9.08	42.1	11.67	45.4	12.83	48.9	14.24	52.1	15.52	54.5	16.60
	37	27.2	7.50	34.4	9.74	42.1	12.45	45.4	13.76	48.9	15.25	52.1	16.70	54.5	17.84
	39	27.2	8.08	34.4	10.43	42.1	13.37	45.4	14.75	48.9	16.42	52.1	17.96	54.5	19.18
	41	27.2	8.62	34.4	11.15	42.1	14.33	45.4	15.89	48.9	17.67	50.2	18.34	50.2	18.34
	43	27.2	9.26	34.4	12.00	42.1	15.35	43.4	16.08	43.4	16.08	43.4	16.08	43.4	16.08
	46	27.2	10.24	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92
	48	27.2	10.95	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05
80	10	8.5	2.75	13.4	2.75	16.9	2.75	17.5	2.75	18.1	2.75	19.4	2.78	27.5	3.39
	12	8.5	2.75	13.4	2.75	16.9	2.75	17.5	2.75	18.1	2.75	19.4	2.82	27.5	3.44
	14	8.5	2.75	13.4	2.75	16.9	2.75	17.5	2.75	18.1	2.75	19.4	2.82	27.5	3.48
	16	8.5	2.75	13.4	2.75	16.9	2.75	17.5	2.75	18.1	2.75	19.4	2.85	27.5	3.52
	18	8.5	2.75	13.4	2.75	16.9	2.75	17.5	2.75	18.1	2.78	19.4	2.89	27.5	3.56
	20	8.5	2.75	13.4	2.75	16.9	2.75	17.5	2.75	18.1	2.78	19.4	2.89	27.5	3.60
	21	9.6	2.76	14.5	2.83	18.2	2.92	19.0	2.96	19.8	3.04	21.2	3.19	28.9	3.90
	23	11.7	2.85	16.8	3.08	21.0	3.37	22.0	3.52	23.2	3.74	24.8	3.99	31.7	4.70
	25	13.8	3.03	19.1	3.45	23.7	4.01	25.1	4.30	26.6	4.66	28.4	5.03	34.5	5.73
	27	15.8	3.35	21.4	4.02	26.4	4.87	28.1	5.32	29.9	5.81	32.0	6.26	37.3	6.98
	29	17.9	3.82	23.7	4.81	29.2	6.04	31.2	6.54	33.3	7.09	35.5	7.64	40.1	8.36
	31	20.0	4.54	26.0	5.82	31.9	7.18	34.2	7.84	36.7	8.55	39.1	9.23	42.9	10.04
	33	22.1	5.39	28.3	6.80	34.7	8.54	37.3	9.35	40.1	10.21	42.7	11.10	45.7	11.95
	35	24.2	6.22	30.6	7.93	37.4	10.09	40.3	11.06	43.5	12.18	46.3	13.24	48.5	14.03
	37	24.2	6.66	30.6	8.53	37.4	10.80	40.3	11.82	43.5	12.99	46.3	14.11	48.5	15.03
	39	24.2	7.14	30.6	9.09	37.4	11.54	40.3	12.70	43.5	13.94	46.3	15.20	48.5	16.18
	41	24.2	7.63	30.6	9.75	37.4	12.32	40.3	13.54	43.5	14.93	46.3	16.27	48.5	17.41
	43	24.2	8.23	30.6	10.45	37.4	13.23	40.3	14.61	43.4	16.08	43.4	16.08	43.4	16.08
	46	24.2	9.06	30.6	11.59	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92
	48	24.2	9.72	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05

7. Capacity Tables

Cooling Capacity (18HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	7.5	2.75	11.7	2.75	14.8	2.75	15.3	2.75	15.8	2.75	17.0	2.75	24.0	3.12
	12	7.5	2.75	11.7	2.75	14.8	2.75	15.3	2.75	15.8	2.75	17.0	2.75	24.0	3.15
	14	7.5	2.75	11.7	2.75	14.8	2.75	15.3	2.75	15.8	2.75	17.0	2.75	24.0	3.19
	16	7.5	2.75	11.7	2.75	14.8	2.75	15.3	2.75	15.8	2.75	17.0	2.75	24.0	3.23
	18	7.5	2.75	11.7	2.75	14.8	2.75	15.3	2.75	15.8	2.75	17.0	2.75	24.0	3.27
	20	7.5	2.75	11.7	2.75	14.8	2.75	15.3	2.75	15.8	2.75	17.0	2.75	24.0	3.31
	21	8.4	2.74	12.7	2.78	16.0	2.85	16.6	2.89	17.3	2.93	18.6	2.96	25.2	3.52
	23	10.2	2.76	14.7	2.94	18.3	3.16	19.3	3.28	20.3	3.40	21.7	3.52	27.7	4.08
	25	12.0	2.87	16.7	3.19	20.7	3.63	22.0	3.84	23.2	4.07	24.8	4.30	30.1	4.87
	27	13.9	3.08	18.7	3.59	23.1	4.28	24.6	4.61	26.2	4.96	28.0	5.34	32.6	5.95
	29	15.7	3.43	20.7	4.20	25.5	5.18	27.3	5.64	29.2	6.13	31.1	6.56	35.0	7.14
	31	17.5	3.96	22.7	5.05	27.9	6.23	30.0	6.72	32.1	7.29	34.2	7.84	37.5	8.48
	33	19.3	4.77	24.7	5.97	30.3	7.31	32.6	7.98	35.1	8.68	37.4	9.35	39.9	10.07
	35	21.2	5.47	26.7	6.92	32.7	8.62	35.3	9.35	38.0	10.28	40.5	11.07	42.4	11.77
	37	21.2	5.88	26.7	7.40	32.7	9.18	35.3	10.03	38.0	11.00	40.5	11.91	42.4	12.57
	39	21.2	6.24	26.7	7.91	32.7	9.84	35.3	10.73	38.0	11.75	40.5	12.71	42.4	13.48
	41	21.2	6.69	26.7	8.44	32.7	10.54	35.3	11.56	38.0	12.63	40.5	13.64	42.4	14.46
	43	21.2	7.17	26.7	9.07	32.7	11.27	35.3	12.34	38.0	13.56	40.5	14.62	42.4	15.58
	46	21.2	8.01	26.7	10.04	32.7	12.57	33.6	12.92	33.6	12.92	33.6	12.92	33.6	12.92
	48	21.2	8.56	26.7	10.75	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05
60	10	6.4	2.75	10.0	2.75	12.6	2.75	13.1	2.75	13.6	2.75	14.6	2.75	20.6	2.85
	12	6.4	2.75	10.0	2.75	12.6	2.75	13.1	2.75	13.6	2.75	14.6	2.75	20.6	2.89
	14	6.4	2.75	10.0	2.75	12.6	2.75	13.1	2.75	13.6	2.75	14.6	2.75	20.6	2.93
	16	6.4	2.75	10.0	2.75	12.6	2.75	13.1	2.75	13.6	2.75	14.6	2.75	20.6	2.93
	18	6.4	2.75	10.0	2.75	12.6	2.75	13.1	2.75	13.6	2.75	14.6	2.75	20.6	2.96
	20	6.4	2.75	10.0	2.75	12.6	2.75	13.1	2.75	13.6	2.75	14.6	2.75	20.6	3.00
	21	7.2	2.72	10.9	2.75	13.7	2.80	14.2	2.82	14.9	2.85	15.9	2.88	21.6	3.14
	23	8.8	2.68	12.6	2.81	15.7	2.98	16.5	3.06	17.4	3.16	18.6	3.25	23.7	3.53
	25	10.3	2.71	14.3	2.96	17.8	3.28	18.8	3.43	19.9	3.61	21.3	3.79	25.8	4.12
	27	11.9	2.83	16.0	3.23	19.8	3.73	21.1	3.98	22.5	4.25	24.0	4.53	27.9	4.92
	29	13.5	3.07	17.8	3.65	21.9	4.40	23.4	4.75	25.0	5.14	26.7	5.53	30.0	5.98
	31	15.0	3.46	19.5	4.30	23.9	5.32	25.7	5.77	27.5	6.23	29.3	6.60	32.1	7.07
	33	16.6	4.06	21.2	5.14	26.0	6.24	28.0	6.73	30.1	7.30	32.0	7.82	34.2	8.29
	35	18.2	4.78	22.9	5.91	28.0	7.25	30.2	7.84	32.6	8.54	34.7	9.17	36.3	9.72
	37	18.2	5.14	22.9	6.34	28.0	7.75	30.2	8.44	32.6	9.17	34.7	9.83	36.3	10.41
	39	18.2	5.46	22.9	6.80	28.0	8.27	30.2	9.00	32.6	9.84	34.7	10.53	36.3	11.13
	41	18.2	5.87	22.9	7.27	28.0	8.89	30.2	9.65	32.6	10.53	34.7	11.26	36.3	11.89
	43	18.2	6.24	22.9	7.78	28.0	9.55	30.2	10.34	32.6	11.26	34.7	12.11	36.3	12.78
	46	18.2	6.95	22.9	8.58	28.0	10.55	30.2	11.48	32.6	12.47	33.6	12.92	33.6	12.92
	48	18.2	7.45	22.9	9.23	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05	27.4	11.05
50	10	5.3	2.75	8.3	2.75	10.5	2.75	10.9	2.75	11.3	2.75	12.1	2.75	17.2	2.75
	12	5.3	2.75	8.3	2.75	10.5	2.75	10.9	2.75	11.3	2.75	12.1	2.75	17.2	2.75
	14	5.3	2.75	8.3	2.75	10.5	2.75	10.9	2.75	11.3	2.75	12.1	2.75	17.2	2.75
	16	5.3	2.75	8.3	2.75	10.5	2.75	10.9	2.75	11.3	2.75	12.1	2.75	17.2	2.75
	18	5.3	2.75	8.3	2.75	10.5	2.75	10.9	2.75	11.3	2.75	12.1	2.75	17.2	2.75
	20	5.3	2.75	8.3	2.75	10.5	2.75	10.9	2.75	11.3	2.75	12.1	2.75	17.2	2.75
	21	6.0	2.70	9.1	2.72	11.4	2.75	11.9	2.77	12.4	2.79	13.3	2.81	18.0	2.82
	23	7.3	2.62	10.5	2.71	13.1	2.82	13.8	2.88	14.5	2.95	15.5	3.01	19.8	3.06
	25	8.6	2.58	11.9	2.76	14.8	2.98	15.7	3.09	16.6	3.22	17.7	3.33	21.5	3.45
	27	9.9	2.61	13.4	2.91	16.5	3.26	17.6	3.45	18.7	3.65	20.0	3.83	23.3	4.00
	29	11.2	2.74	14.8	3.18	18.2	3.73	19.5	3.96	20.8	4.25	22.2	4.54	25.0	4.78
	31	12.5	2.98	16.2	3.62	19.9	4.36	21.4	4.73	22.9	5.12	24.4	5.51	26.8	5.80
	33	13.8	3.41	17.7	4.27	21.7	5.26	23.3	5.64	25.1	6.04	26.7	6.44	28.5	6.74
	35	15.1	4.08	19.1	4.98	23.4	5.99	25.2	6.46	27.2	7.01	28.9	7.50	30.3	7.85
	37	15.1	4.38	19.1	5.35	23.4	6.43	25.2	6.91	27.2	7.49	28.9	8.01	30.3	8.44
	39	15.1	4.72	19.1	5.69	23.4	6.89	25.2	7.40	27.2	8.00	28.9	8.62	30.3	9.00
	41	15.1	5.03	19.1	6.12	23.4	7.37	25.2	7.98	27.2	8.61	28.9	9.18	30.3	9.66
	43	15.1	5.43	19.1	6.57	23.4	7.88	25.2	8.51	27.2	9.18	28.9	9.85	30.3	10.35
	46	15.1	6.01	19.1	7.29	23.4	8.77	25.2	9.44	27.2	10.23	28.9	10.95	30.3	11.49
	48	15.1	6.47	19.1	7.81	23.4	9.42	25.2	10.13	27.2	10.95	27.4	11.05	27.4	11.05

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM200LTE5

Cooling Capacity (20HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	15.4	2.71	24.1	3.15	30.4	3.68	31.6	3.77	32.7	3.86	35.1	4.09	49.6	5.69
	12	15.4	2.71	24.1	3.15	30.4	3.73	31.6	3.81	32.7	3.95	35.1	4.18	49.6	5.80
	14	15.4	2.71	24.1	3.19	30.4	3.77	31.6	3.86	32.7	3.99	35.1	4.23	49.6	5.86
	16	15.4	2.71	24.1	3.23	30.4	3.81	31.6	3.90	32.7	4.04	35.1	4.27	49.6	5.98
	18	15.4	2.71	24.1	3.27	30.4	3.86	31.6	3.99	32.7	4.09	35.1	4.32	49.6	6.09
	20	15.4	2.71	24.1	3.31	30.4	3.90	31.6	4.04	32.7	4.13	35.1	4.42	49.6	6.21
	21	17.3	3.00	26.2	3.78	32.9	4.63	34.3	4.89	35.8	5.12	38.3	5.53	52.1	7.32
	23	21.1	3.73	30.3	4.96	37.9	6.34	39.8	6.81	41.9	7.39	44.8	8.09	57.2	9.92
	25	24.8	4.71	34.5	6.40	42.8	8.31	45.3	9.13	48.0	10.06	51.2	11.09	62.2	13.25
	27	28.6	5.97	38.6	8.06	47.7	10.66	50.8	11.84	54.1	13.21	57.7	14.74	67.3	17.48
	29	32.4	7.31	42.8	10.00	52.7	13.35	56.3	15.02	60.2	16.94	64.2	19.12	71.9	21.80
	31	36.2	8.87	46.9	12.20	57.6	16.65	61.8	18.83	66.3	21.54	70.6	24.44	75.2	25.85
	33	39.9	10.65	51.0	14.78	62.6	20.36	67.3	23.29	71.2	25.93	71.5	25.99	73.4	26.45
	35	43.7	12.76	55.2	17.67	67.5	24.60	69.5	26.01	69.5	26.01	69.5	26.01	69.5	26.01
	37	43.7	13.69	55.2	19.10	62.1	23.13	62.1	23.13	62.1	23.13	62.1	23.13	62.1	23.13
	39	43.7	14.67	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51
	41	43.7	15.82	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02
	43	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78
	46	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97
120	10	14.2	2.71	22.3	3.00	28.1	3.47	29.1	3.56	30.2	3.64	32.4	3.86	45.8	5.24
	12	14.2	2.71	22.3	3.00	28.1	3.51	29.1	3.60	30.2	3.68	32.4	3.90	45.8	5.30
	14	14.2	2.71	22.3	3.04	28.1	3.56	29.1	3.64	30.2	3.73	32.4	3.95	45.8	5.41
	16	14.2	2.71	22.3	3.07	28.1	3.60	29.1	3.68	30.2	3.77	32.4	3.99	45.8	5.52
	18	14.2	2.71	22.3	3.11	28.1	3.64	29.1	3.73	30.2	3.81	32.4	4.04	45.8	5.57
	20	14.2	2.71	22.3	3.15	28.1	3.68	29.1	3.77	30.2	3.90	32.4	4.13	45.8	5.69
	21	16.0	2.94	24.2	3.55	30.4	4.30	31.7	4.50	33.0	4.75	35.4	5.08	48.1	6.63
	23	19.5	3.55	28.0	4.54	34.9	5.79	36.7	6.21	38.6	6.67	41.3	7.24	52.8	8.84
	25	22.9	4.36	31.8	5.84	39.5	7.49	41.8	8.18	44.3	9.00	47.3	9.84	57.4	11.51
	27	26.4	5.46	35.6	7.27	44.1	9.52	46.9	10.51	49.9	11.66	53.3	12.86	62.1	15.03
	29	29.9	6.67	39.5	8.97	48.6	11.83	52.0	13.22	55.5	14.79	59.2	16.46	66.8	18.98
	31	33.4	8.04	43.3	10.92	53.2	14.68	57.1	16.48	61.2	18.64	65.2	20.90	71.4	23.51
	33	36.9	9.62	47.1	13.20	57.8	17.87	62.1	20.20	66.8	23.00	71.1	25.92	72.9	26.32
	35	40.3	11.50	50.9	15.70	62.3	21.45	67.2	24.43	69.5	26.01	69.5	26.01	69.5	26.01
	37	40.3	12.28	50.9	16.90	62.1	23.13	62.1	23.13	62.1	23.13	62.1	23.13	62.1	23.13
	39	40.3	13.19	50.9	18.29	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51
	41	40.3	14.15	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02
	43	40.3	15.27	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78
	46	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97
110	10	13.0	2.71	20.4	2.85	25.8	3.27	26.7	3.35	27.7	3.43	29.7	3.60	41.9	4.82
	12	13.0	2.71	20.4	2.89	25.8	3.31	26.7	3.39	27.7	3.47	29.7	3.64	41.9	4.87
	14	13.0	2.71	20.4	2.89	25.8	3.35	26.7	3.43	27.7	3.51	29.7	3.68	41.9	4.98
	16	13.0	2.71	20.4	2.93	25.8	3.39	26.7	3.47	27.7	3.56	29.7	3.73	41.9	5.03
	18	13.0	2.71	20.4	2.96	25.8	3.43	26.7	3.51	27.7	3.60	29.7	3.77	41.9	5.13
	20	13.0	2.71	20.4	3.00	25.8	3.47	26.7	3.56	27.7	3.64	29.7	3.86	41.9	5.19
	21	14.6	2.89	22.2	3.32	27.9	3.98	29.0	4.17	30.3	4.36	32.4	4.67	44.1	5.99
	23	17.8	3.37	25.7	4.15	32.0	5.23	33.7	5.59	35.4	6.04	37.9	6.50	48.4	7.86
	25	21.0	4.05	29.2	5.25	36.2	6.71	38.3	7.30	40.6	7.98	43.4	8.69	52.6	10.12
	27	24.2	4.96	32.7	6.56	40.4	8.45	43.0	9.30	45.8	10.27	48.8	11.26	56.9	12.90
	29	27.4	6.09	36.2	8.05	44.6	10.48	47.6	11.62	50.9	12.92	54.3	14.27	61.2	16.28
	31	30.6	7.30	39.7	9.73	48.8	12.86	52.3	14.33	56.1	16.11	59.8	17.87	65.5	19.98
	33	33.8	8.70	43.2	11.72	52.9	15.65	57.0	17.49	61.3	19.78	65.2	22.03	69.8	24.30
	35	37.0	10.31	46.7	13.96	57.1	18.69	61.6	21.03	66.4	23.96	69.5	26.01	69.5	26.01
	37	37.0	11.04	46.7	14.96	57.1	20.19	61.6	22.82	62.1	23.13	62.1	23.13	62.1	23.13
	39	37.0	11.80	46.7	16.11	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51
	41	37.0	12.68	46.7	17.34	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02
	43	37.0	13.61	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78
	46	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97

7. Capacity Tables

Cooling Capacity (20HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	11.9	2.71	18.5	2.71	23.4	3.07	24.3	3.15	25.2	3.23	27.0	3.39	38.1	4.42
	12	11.9	2.71	18.5	2.75	23.4	3.11	24.3	3.19	25.2	3.27	27.0	3.39	38.1	4.47
	14	11.9	2.71	18.5	2.75	23.4	3.15	24.3	3.23	25.2	3.27	27.0	3.43	38.1	4.52
	16	11.9	2.71	18.5	2.78	23.4	3.19	24.3	3.23	25.2	3.31	27.0	3.47	38.1	4.62
	18	11.9	2.71	18.5	2.82	23.4	3.19	24.3	3.27	25.2	3.35	27.0	3.51	38.1	4.67
	20	11.9	2.71	18.5	2.82	23.4	3.23	24.3	3.31	25.2	3.39	27.0	3.56	38.1	4.77
	21	13.3	2.84	20.1	3.08	25.3	3.64	26.4	3.80	27.5	3.98	29.5	4.23	40.1	5.44
	23	16.2	3.21	23.3	3.77	29.1	4.70	30.6	5.05	32.2	5.41	34.4	5.82	44.0	7.01
	25	19.1	3.75	26.5	4.70	32.9	6.01	34.9	6.52	36.9	7.07	39.4	7.66	47.9	8.86
	27	22.0	4.49	29.7	5.90	36.7	7.51	39.1	8.19	41.6	8.99	44.4	9.83	51.7	11.08
	29	24.9	5.49	32.9	7.13	40.5	9.21	43.3	10.14	46.3	11.26	49.4	12.30	55.6	13.88
	31	27.8	6.60	36.1	8.59	44.3	11.20	47.5	12.45	51.0	13.81	54.3	15.29	59.5	17.02
	33	30.7	7.77	39.3	10.33	48.1	13.61	51.8	15.09	55.7	16.97	59.3	18.77	63.4	20.45
	35	33.6	9.19	42.5	12.24	51.9	16.18	56.0	18.06	60.4	20.44	64.3	22.61	67.3	24.57
	37	33.6	9.86	42.5	13.14	51.9	17.40	56.0	19.52	60.4	22.07	62.1	23.13	62.1	23.13
	39	33.6	10.56	42.5	14.10	51.9	18.82	55.0	20.51	55.0	20.51	55.0	20.51	55.0	20.51
	41	33.6	11.29	42.5	15.21	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02
	43	33.6	12.15	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78
	46	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97
90	10	10.7	2.71	16.7	2.71	21.1	2.89	21.8	2.96	22.6	3.04	24.3	3.15	34.3	4.04
	12	10.7	2.71	16.7	2.71	21.1	2.93	21.8	3.00	22.6	3.04	24.3	3.19	34.3	4.09
	14	10.7	2.71	16.7	2.71	21.1	2.96	21.8	3.00	22.6	3.07	24.3	3.23	34.3	4.13
	16	10.7	2.71	16.7	2.71	21.1	2.96	21.8	3.04	22.6	3.11	24.3	3.23	34.3	4.18
	18	10.7	2.71	16.7	2.71	21.1	3.00	21.8	3.07	22.6	3.15	24.3	3.27	34.3	4.27
	20	10.7	2.71	16.7	2.71	21.1	3.04	21.8	3.11	22.6	3.19	24.3	3.31	34.3	4.32
	21	12.0	2.80	18.1	2.91	22.8	3.36	23.7	3.50	24.8	3.66	26.5	3.85	36.1	4.85
	23	14.6	3.07	21.0	3.43	26.2	4.18	27.6	4.47	29.0	4.80	31.0	5.18	39.6	6.18
	25	17.2	3.48	23.9	4.15	29.6	5.30	31.4	5.75	33.2	6.22	35.5	6.73	43.1	7.73
	27	19.8	4.06	26.7	5.16	33.1	6.61	35.2	7.19	37.4	7.85	39.9	8.53	46.6	9.58
	29	22.4	4.87	29.6	6.32	36.5	8.07	39.0	8.83	41.7	9.74	44.4	10.61	50.1	11.75
	31	25.0	5.94	32.5	7.59	39.9	9.74	42.8	10.75	45.9	11.91	48.9	12.98	53.6	14.41
	33	27.6	6.95	35.3	9.05	43.3	11.74	46.6	12.99	50.1	14.42	53.4	15.84	57.1	17.23
	35	30.3	8.12	38.2	10.71	46.7	13.96	50.4	15.47	54.3	17.29	57.8	19.08	60.6	20.46
	37	30.3	8.74	38.2	11.46	46.7	14.96	50.4	16.65	54.3	18.69	57.8	20.61	60.6	22.21
	39	30.3	9.38	38.2	12.32	46.7	16.12	50.4	17.92	54.3	20.09	55.0	20.51	55.0	20.51
	41	30.3	9.98	38.2	13.23	46.7	17.35	48.1	18.02	48.1	18.02	48.1	18.02	48.1	18.02
	43	30.3	10.77	38.2	14.19	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78
	46	30.3	11.95	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97
80	10	9.5	2.71	14.8	2.71	18.7	2.71	19.4	2.78	20.1	2.82	21.6	2.93	30.5	3.68
	12	9.5	2.71	14.8	2.71	18.7	2.75	19.4	2.78	20.1	2.85	21.6	2.96	30.5	3.73
	14	9.5	2.71	14.8	2.71	18.7	2.78	19.4	2.82	20.1	2.89	21.6	3.00	30.5	3.77
	16	9.5	2.71	14.8	2.71	18.7	2.78	19.4	2.85	20.1	2.89	21.6	3.04	30.5	3.81
	18	9.5	2.71	14.8	2.71	18.7	2.82	19.4	2.89	20.1	2.93	21.6	3.04	30.5	3.86
	20	9.5	2.71	14.8	2.71	18.7	2.85	19.4	2.89	20.1	2.96	21.6	3.07	30.5	3.90
	21	10.6	2.76	16.1	2.85	20.3	3.10	21.1	3.19	22.0	3.32	23.6	3.49	32.1	4.31
	23	13.0	2.94	18.7	3.23	23.3	3.72	24.5	3.97	25.8	4.22	27.6	4.53	35.2	5.37
	25	15.3	3.22	21.2	3.78	26.3	4.61	27.9	4.99	29.5	5.43	31.5	5.87	38.3	6.69
	27	17.6	3.68	23.8	4.53	29.4	5.77	31.3	6.24	33.3	6.79	35.5	7.32	41.4	8.19
	29	19.9	4.34	26.3	5.55	32.4	6.98	34.7	7.61	37.0	8.34	39.5	9.05	44.5	9.94
	31	22.2	5.21	28.9	6.66	35.5	8.39	38.0	9.24	40.8	10.16	43.5	11.00	47.6	12.10
	33	24.6	6.12	31.4	7.85	38.5	10.07	41.4	11.06	44.5	12.19	47.4	13.37	50.7	14.43
	35	26.9	7.18	34.0	9.28	41.5	11.92	44.8	13.19	48.3	14.63	51.4	15.94	53.8	17.04
	37	26.9	7.68	34.0	9.96	41.5	12.81	44.8	14.14	48.3	15.67	51.4	17.15	53.8	18.43
	39	26.9	8.20	34.0	10.66	41.5	13.75	44.8	15.16	48.3	16.87	51.4	18.45	53.8	19.81
	41	26.9	8.82	34.0	11.49	41.5	14.74	44.8	16.33	48.1	18.02	48.1	18.02	48.1	18.02
	43	26.9	9.47	34.0	12.27	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78	41.5	15.78
	46	26.9	10.47	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97

7. Capacity Tables

Cooling Capacity (20HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	8.3	2.71	13.0	2.71	16.4	2.71	17.0	2.71	17.6	2.71	18.9	2.75	26.7	3.35
	12	8.3	2.71	13.0	2.71	16.4	2.71	17.0	2.71	17.6	2.71	18.9	2.75	26.7	3.39
	14	8.3	2.71	13.0	2.71	16.4	2.71	17.0	2.71	17.6	2.71	18.9	2.78	26.7	3.43
	16	8.3	2.71	13.0	2.71	16.4	2.71	17.0	2.71	17.6	2.71	18.9	2.82	26.7	3.47
	18	8.3	2.71	13.0	2.71	16.4	2.71	17.0	2.71	17.6	2.75	18.9	2.82	26.7	3.51
	20	8.3	2.71	13.0	2.71	16.4	2.71	17.0	2.71	17.6	2.75	18.9	2.85	26.7	3.56
	21	9.3	2.73	14.1	2.79	17.7	2.88	18.5	2.93	19.3	3.01	20.6	3.16	28.1	3.85
	23	11.3	2.82	16.3	3.04	20.4	3.34	21.4	3.48	22.5	3.71	24.1	3.95	30.8	4.62
	25	13.4	3.01	18.6	3.44	23.0	4.00	24.4	4.29	25.8	4.60	27.6	4.97	33.5	5.68
	27	15.4	3.32	20.8	4.01	25.7	4.87	27.4	5.32	29.1	5.81	31.1	6.25	36.2	6.96
	29	17.4	3.82	23.0	4.81	28.4	6.00	30.3	6.53	32.4	7.10	34.5	7.65	38.9	8.36
	31	19.5	4.50	25.3	5.83	31.0	7.19	33.3	7.80	35.7	8.56	38.0	9.24	41.7	10.00
	33	21.5	5.40	27.5	6.81	33.7	8.56	36.2	9.30	39.0	10.24	41.5	11.14	44.4	11.99
	35	23.5	6.23	29.7	7.95	36.4	10.12	39.2	11.10	42.3	12.22	45.0	13.20	47.1	14.08
	37	23.5	6.68	29.7	8.56	36.4	10.83	39.2	11.86	42.3	13.04	45.0	14.25	47.1	15.18
	39	23.5	7.15	29.7	9.20	36.4	11.58	39.2	12.75	42.3	13.99	45.0	15.27	47.1	16.25
	41	23.5	7.65	29.7	9.79	36.4	12.45	39.2	13.68	42.3	15.09	45.0	16.45	47.1	17.49
	43	23.5	8.25	29.7	10.57	36.4	13.37	39.2	14.67	41.5	15.78	41.5	15.78	41.5	15.78
	46	23.5	9.17	29.7	11.73	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	23.5	9.84	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97
60	10	7.1	2.71	11.1	2.71	14.1	2.71	14.6	2.71	15.1	2.71	16.2	2.71	22.9	3.04
	12	7.1	2.71	11.1	2.71	14.1	2.71	14.6	2.71	15.1	2.71	16.2	2.71	22.9	3.07
	14	7.1	2.71	11.1	2.71	14.1	2.71	14.6	2.71	15.1	2.71	16.2	2.71	22.9	3.11
	16	7.1	2.71	11.1	2.71	14.1	2.71	14.6	2.71	15.1	2.71	16.2	2.71	22.9	3.11
	18	7.1	2.71	11.1	2.71	14.1	2.71	14.6	2.71	15.1	2.71	16.2	2.71	22.9	3.15
	20	7.1	2.71	11.1	2.71	14.1	2.71	14.6	2.71	15.1	2.71	16.2	2.71	22.9	3.19
	21	8.0	2.70	12.1	2.75	15.2	2.81	15.8	2.84	16.5	2.88	17.7	2.92	24.0	3.39
	23	9.7	2.72	14.0	2.89	17.5	3.11	18.4	3.21	19.3	3.33	20.7	3.45	26.4	3.96
	25	11.5	2.81	15.9	3.13	19.8	3.54	20.9	3.75	22.1	3.97	23.6	4.20	28.7	4.74
	27	13.2	3.01	17.8	3.52	22.0	4.17	23.4	4.49	25.0	4.84	26.6	5.19	31.0	5.78
	29	14.9	3.35	19.7	4.10	24.3	5.04	26.0	5.49	27.8	5.99	29.6	6.41	33.4	6.96
	31	16.7	3.90	21.6	4.93	26.6	6.12	28.5	6.60	30.6	7.11	32.6	7.64	35.7	8.22
	33	18.4	4.65	23.6	5.85	28.9	7.17	31.1	7.77	33.4	8.47	35.6	9.13	38.0	9.83
	35	20.2	5.41	25.5	6.78	31.2	8.39	33.6	9.19	36.2	10.03	38.6	10.82	40.4	11.51
	37	20.2	5.75	25.5	7.25	31.2	9.02	33.6	9.86	36.2	10.74	38.6	11.65	40.4	12.29
	39	20.2	6.17	25.5	7.76	31.2	9.68	33.6	10.56	36.2	11.57	38.6	12.43	40.4	13.20
	41	20.2	6.62	25.5	8.36	31.2	10.37	33.6	11.29	36.2	12.36	38.6	13.35	40.4	14.16
	43	20.2	7.10	25.5	8.91	31.2	11.09	33.6	12.15	36.2	13.27	38.6	14.42	40.4	15.27
	46	20.2	7.93	25.5	9.95	31.2	12.38	32.1	12.74	32.1	12.74	32.1	12.74	32.1	12.74
	48	20.2	8.48	25.5	10.66	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97
50	10	5.9	2.71	9.3	2.71	11.7	2.71	12.1	2.71	12.6	2.71	13.5	2.71	19.1	2.75
	12	5.9	2.71	9.3	2.71	11.7	2.71	12.1	2.71	12.6	2.71	13.5	2.71	19.1	2.78
	14	5.9	2.71	9.3	2.71	11.7	2.71	12.1	2.71	12.6	2.71	13.5	2.71	19.1	2.78
	16	5.9	2.71	9.3	2.71	11.7	2.71	12.1	2.71	12.6	2.71	13.5	2.71	19.1	2.82
	18	5.9	2.71	9.3	2.71	11.7	2.71	12.1	2.71	12.6	2.71	13.5	2.71	19.1	2.85
	20	5.9	2.71	9.3	2.71	11.7	2.71	12.1	2.71	12.6	2.71	13.5	2.71	19.1	2.89
	21	6.7	2.68	10.1	2.71	12.7	2.75	13.2	2.77	13.8	2.80	14.7	2.82	20.0	3.01
	23	8.1	2.63	11.7	2.75	14.6	2.90	15.3	2.98	16.1	3.07	17.2	3.15	22.0	3.35
	25	9.6	2.65	13.3	2.87	16.5	3.17	17.4	3.31	18.4	3.46	19.7	3.62	23.9	3.89
	27	11.0	2.74	14.9	3.10	18.4	3.58	19.5	3.79	20.8	4.05	22.2	4.29	25.9	4.63
	29	12.5	2.95	16.4	3.51	20.3	4.19	21.7	4.50	23.1	4.87	24.7	5.25	27.8	5.59
	31	13.9	3.31	18.0	4.08	22.2	5.01	23.8	5.48	25.5	5.89	27.2	6.30	29.8	6.68
	33	15.4	3.87	19.6	4.94	24.1	5.92	25.9	6.39	27.8	6.95	29.6	7.40	31.7	7.82
	35	16.8	4.58	21.2	5.63	26.0	6.87	28.0	7.44	30.2	8.12	32.1	8.73	33.6	9.19
	37	16.8	4.93	21.2	6.05	26.0	7.42	28.0	8.02	30.2	8.73	32.1	9.30	33.6	9.86
	39	16.8	5.25	21.2	6.49	26.0	7.93	28.0	8.56	30.2	9.30	32.1	9.98	33.6	10.56
	41	16.8	5.65	21.2	6.95	26.0	8.46	28.0	9.20	30.2	9.98	32.1	10.77	33.6	11.30
	43	16.8	6.08	21.2	7.45	26.0	9.10	28.0	9.87	30.2	10.69	32.1	11.51	33.6	12.15
	46	16.8	6.70	21.2	8.31	26.0	10.15	28.0	10.98	30.2	11.94	32.1	12.74	32.1	12.74
	48	16.8	7.27	21.2	8.86	26.0	10.87	26.1	10.97	26.1	10.97	26.1	10.97	26.1	10.97

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM221LTE5

Cooling Capacity (22HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	17.0	3.19	26.6	3.60	33.5	4.18	34.7	4.28	35.9	4.41	38.5	4.65	54.5	6.39
	12	17.0	3.19	26.6	3.63	33.5	4.24	34.7	4.34	35.9	4.47	38.5	4.71	54.5	6.49
	14	17.0	3.19	26.6	3.67	33.5	4.28	34.7	4.41	35.9	4.52	38.5	4.78	54.5	6.62
	16	17.0	3.19	26.6	3.71	33.5	4.34	34.7	4.47	35.9	4.57	38.5	4.86	54.5	6.73
	18	17.0	3.19	26.6	3.76	33.5	4.39	34.7	4.52	35.9	4.65	38.5	4.92	54.5	6.86
	20	17.0	3.19	26.6	3.80	33.5	4.47	34.7	4.57	35.9	4.71	38.5	5.01	54.5	6.99
	21	19.1	3.54	28.8	4.37	36.2	5.32	37.8	5.56	39.4	5.86	42.2	6.31	57.3	8.32
	23	23.1	4.40	33.4	5.76	41.6	7.26	43.8	7.88	46.0	8.55	49.3	9.37	62.9	11.53
	25	27.3	5.59	37.9	7.42	47.1	9.66	49.9	10.61	52.8	11.74	56.3	13.02	68.1	15.71
	27	31.5	6.94	42.5	9.35	52.5	12.40	55.9	13.85	59.4	15.57	63.4	17.43	72.9	20.02
	29	35.6	8.52	47.1	11.62	57.9	15.72	62.0	17.75	66.2	20.30	69.6	22.18	76.9	24.28
	31	39.8	10.32	51.6	14.26	63.4	19.71	68.0	22.44	70.8	24.14	71.7	24.41	76.0	25.42
	33	44.0	12.45	56.1	17.36	68.5	23.90	70.4	25.01	70.6	25.04	71.0	25.11	73.0	25.66
	35	48.0	14.86	60.7	20.83	68.3	25.21	68.3	25.21	68.3	25.21	68.3	25.21	68.3	25.21
	37	48.0	16.02	59.8	21.98	61.0	22.68	61.0	22.68	61.0	22.68	61.0	22.68	61.0	22.68
	39	48.0	17.26	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26
	41	46.7	17.80	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02
	43	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94
	46	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38
120	10	15.6	3.19	24.5	3.42	31.0	3.97	32.1	4.07	33.2	4.16	35.6	4.39	50.4	5.89
	12	15.6	3.19	24.5	3.46	31.0	4.01	32.1	4.11	33.2	4.18	35.6	4.41	50.4	5.98
	14	15.6	3.19	24.5	3.51	31.0	4.07	32.1	4.14	33.2	4.24	35.6	4.47	50.4	6.08
	16	15.6	3.19	24.5	3.51	31.0	4.09	32.1	4.18	33.2	4.31	35.6	4.54	50.4	6.20
	18	15.6	3.19	24.5	3.55	31.0	4.14	32.1	4.24	33.2	4.37	35.6	4.62	50.4	6.30
	20	15.6	3.19	24.5	3.60	31.0	4.18	32.1	4.31	33.2	4.41	35.6	4.68	50.4	6.43
	21	17.6	3.47	26.6	4.08	33.4	4.92	34.8	5.17	36.3	5.41	38.9	5.79	52.9	7.55
	23	21.4	4.19	30.8	5.29	38.5	6.65	40.4	7.13	42.5	7.72	45.5	8.36	58.1	10.20
	25	25.3	5.18	35.0	6.76	43.5	8.68	46.0	9.50	48.7	10.44	52.0	11.47	63.2	13.70
	27	29.0	6.43	39.2	8.46	48.4	11.07	51.5	12.25	54.9	13.65	58.6	15.11	68.3	17.91
	29	32.8	7.80	43.4	10.44	53.5	13.85	57.2	15.51	61.1	17.50	65.1	19.63	73.5	22.64
	31	36.7	9.38	47.6	12.75	58.5	17.24	62.7	19.49	67.3	22.20	70.2	23.83	74.9	25.13
	33	40.5	11.27	51.9	15.46	63.6	21.10	68.2	23.79	70.2	24.97	70.6	25.04	72.5	25.50
	35	44.4	13.39	56.1	18.46	67.3	24.54	68.3	25.21	68.3	25.21	68.3	25.21	68.3	25.21
	37	44.4	14.37	56.1	19.91	61.0	22.68	61.0	22.68	61.0	22.68	61.0	22.68	61.0	22.68
	39	44.4	15.50	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26
	41	44.4	16.60	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02
	43	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94
	46	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38
110	10	14.3	3.19	22.4	3.32	28.4	3.76	29.3	3.82	30.4	3.92	32.6	4.11	46.2	5.43
	12	14.3	3.19	22.4	3.34	28.4	3.76	29.3	3.88	30.4	3.97	32.6	4.16	46.2	5.53
	14	14.3	3.19	22.4	3.34	28.4	3.80	29.3	3.92	30.4	4.01	32.6	4.18	46.2	5.58
	16	14.3	3.19	22.4	3.36	28.4	3.85	29.3	3.97	30.4	4.07	32.6	4.24	46.2	5.70
	18	14.3	3.19	22.4	3.40	28.4	3.90	29.3	4.01	30.4	4.11	32.6	4.31	46.2	5.79
	20	14.3	3.19	22.4	3.42	28.4	3.97	29.3	4.07	30.4	4.14	32.6	4.37	46.2	5.86
	21	16.1	3.41	24.4	3.81	30.6	4.59	31.9	4.79	33.3	4.98	35.7	5.31	48.4	6.80
	23	19.6	3.98	28.2	4.83	35.2	6.02	37.0	6.45	39.0	6.96	41.6	7.51	53.2	9.03
	25	23.1	4.79	32.1	6.12	39.8	7.76	42.2	8.47	44.7	9.27	47.7	10.10	57.9	11.79
	27	26.6	5.89	35.9	7.61	44.4	9.85	47.3	10.83	50.4	11.97	53.7	13.14	62.6	15.34
	29	30.1	7.11	39.8	9.33	49.0	12.19	52.4	13.56	56.1	15.13	59.7	16.79	67.3	19.29
	31	33.7	8.52	43.6	11.32	53.7	15.08	57.6	16.87	61.7	19.01	65.8	21.22	71.9	23.70
	33	37.2	10.12	47.5	13.66	58.3	18.33	62.7	20.69	67.4	23.43	69.7	24.71	71.9	25.36
	35	40.7	11.99	51.4	16.32	62.9	22.03	66.9	24.37	68.3	25.21	68.3	25.21	68.3	25.21
	37	40.7	12.90	51.4	17.52	60.8	22.53	61.0	22.68	61.0	22.68	61.0	22.68	61.0	22.68
	39	40.7	13.85	51.4	18.90	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26
	41	40.7	14.85	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02
	43	40.0	15.60	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94
	46	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38

7. Capacity Tables

Cooling Capacity (22HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	13.0	3.19	20.4	3.23	25.8	3.51	26.7	3.60	27.7	3.69	29.7	3.85	42.0	5.01
	12	13.0	3.19	20.4	3.25	25.8	3.55	26.7	3.65	27.7	3.71	29.7	3.90	42.0	5.05
	14	13.0	3.19	20.4	3.25	25.8	3.60	26.7	3.67	27.7	3.76	29.7	3.92	42.0	5.11
	16	13.0	3.19	20.4	3.27	25.8	3.65	26.7	3.71	27.7	3.80	29.7	3.97	42.0	5.20
	18	13.0	3.19	20.4	3.30	25.8	3.67	26.7	3.76	27.7	3.85	29.7	4.01	42.0	5.31
	20	13.0	3.19	20.4	3.30	25.8	3.71	26.7	3.80	27.7	3.90	29.7	4.09	42.0	5.37
	21	14.7	3.35	22.2	3.61	27.9	4.20	29.0	4.40	30.3	4.60	32.4	4.88	44.0	6.17
	23	17.8	3.79	25.7	4.43	32.1	5.48	33.7	5.83	35.4	6.24	37.9	6.71	48.4	8.02
	25	21.1	4.44	29.2	5.53	36.3	6.95	38.3	7.53	40.5	8.18	43.3	8.89	52.6	10.26
	27	24.2	5.34	32.7	6.84	40.4	8.70	42.9	9.52	45.8	10.47	48.8	11.43	56.9	13.04
	29	27.4	6.47	36.1	8.31	44.6	10.72	47.7	11.83	50.9	13.14	54.3	14.43	61.2	16.44
	31	30.6	7.67	39.6	10.03	48.8	13.13	52.3	14.57	56.1	16.27	59.8	18.01	65.5	20.12
	33	33.8	9.07	43.2	12.02	53.0	15.92	57.0	17.80	61.2	20.00	65.2	22.11	69.5	24.08
	35	37.0	10.72	46.7	14.28	57.2	18.99	61.6	21.30	66.3	24.04	68.2	25.13	68.3	25.21
	37	37.0	11.47	46.7	15.41	57.2	20.52	60.2	22.21	61.0	22.68	61.0	22.68	61.0	22.68
	39	37.0	12.35	46.7	16.50	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26	54.0	20.26
	41	37.0	13.22	46.1	17.46	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02
	43	37.0	14.19	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94
	46	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38
90	10	11.7	3.19	18.3	3.19	23.1	3.34	24.0	3.40	24.9	3.46	26.7	3.60	37.8	4.57
	12	11.7	3.19	18.3	3.19	23.1	3.36	24.0	3.42	24.9	3.51	26.7	3.65	37.8	4.65
	14	11.7	3.19	18.3	3.19	23.1	3.40	24.0	3.46	24.9	3.51	26.7	3.67	37.8	4.71
	16	11.7	3.19	18.3	3.19	23.1	3.42	24.0	3.48	24.9	3.55	26.7	3.71	37.8	4.75
	18	11.7	3.19	18.3	3.19	23.1	3.46	24.0	3.51	24.9	3.60	26.7	3.76	37.8	4.84
	20	11.7	3.19	18.3	3.21	23.1	3.48	24.0	3.55	24.9	3.65	26.7	3.80	37.8	4.89
	21	13.2	3.31	20.0	3.45	25.1	3.87	26.1	4.02	27.3	4.20	29.2	4.44	39.6	5.54
	23	16.1	3.63	23.1	4.07	28.8	4.88	30.3	5.23	31.9	5.59	34.1	5.97	43.5	7.08
	25	18.9	4.12	26.2	4.94	32.6	6.19	34.5	6.67	36.5	7.22	39.0	7.78	47.3	8.91
	27	21.8	4.82	29.4	6.11	36.3	7.66	38.7	8.33	41.2	9.12	44.0	9.88	51.2	11.09
	29	24.7	5.81	32.6	7.39	40.1	9.38	42.9	10.30	45.8	11.32	48.9	12.34	55.0	13.87
	31	27.5	6.88	35.7	8.83	43.8	11.34	47.1	12.54	50.4	13.92	53.7	15.22	58.9	16.96
	33	30.4	8.08	38.9	10.58	47.7	13.73	51.3	15.26	55.2	16.97	58.7	18.66	62.7	20.29
	35	33.3	9.43	42.0	12.48	51.4	16.33	55.4	18.17	59.8	20.35	63.6	22.45	66.4	24.05
	37	33.3	10.16	42.0	13.40	51.4	17.57	55.4	19.59	59.4	21.80	61.0	22.68	61.0	22.68
	39	33.3	10.88	42.0	14.43	51.4	18.91	53.7	20.11	54.0	20.26	54.0	20.26	54.0	20.26
	41	33.3	11.73	42.0	15.47	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02
	43	33.3	12.57	40.6	15.93	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94
	46	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38
80	10	10.4	3.19	16.3	3.19	20.6	3.23	21.4	3.27	22.2	3.30	23.8	3.36	33.6	4.18
	12	10.4	3.19	16.3	3.19	20.6	3.25	21.4	3.27	22.2	3.32	23.8	3.40	33.6	4.24
	14	10.4	3.19	16.3	3.19	20.6	3.27	21.4	3.30	22.2	3.34	23.8	3.42	33.6	4.28
	16	10.4	3.19	16.3	3.19	20.6	3.27	21.4	3.32	22.2	3.36	23.8	3.46	33.6	4.34
	18	10.4	3.19	16.3	3.19	20.6	3.30	21.4	3.34	22.2	3.36	23.8	3.51	33.6	4.41
	20	10.4	3.19	16.3	3.19	20.6	3.32	21.4	3.36	22.2	3.40	23.8	3.55	33.6	4.47
	21	11.7	3.26	17.8	3.36	22.3	3.61	23.3	3.72	24.2	3.83	25.9	4.05	35.2	4.96
	23	14.3	3.47	20.5	3.81	25.6	4.36	26.9	4.62	28.4	4.93	30.3	5.28	38.7	6.22
	25	16.8	3.82	23.3	4.47	29.0	5.42	30.6	5.84	32.5	6.32	34.7	6.77	42.1	7.72
	27	19.4	4.35	26.2	5.39	32.3	6.71	34.4	7.25	36.6	7.88	39.1	8.49	45.5	9.47
	29	22.0	5.12	29.0	6.55	35.7	8.12	38.1	8.86	40.7	9.71	43.4	10.51	49.0	11.62
	31	24.4	6.15	31.7	7.74	39.0	9.77	41.8	10.72	44.9	11.82	47.8	12.87	52.4	14.20
	33	27.0	7.18	34.5	9.17	42.4	11.74	45.6	12.91	49.0	14.33	52.2	15.67	55.8	16.96
	35	29.5	8.30	37.4	10.84	45.7	13.94	49.3	15.44	53.2	17.09	56.5	18.75	59.2	20.05
	37	29.5	8.92	37.4	11.59	45.7	14.95	49.3	16.53	53.2	18.45	56.5	20.21	59.1	21.65
	39	29.5	9.59	37.4	12.48	45.7	16.07	49.3	17.79	52.7	19.58	54.0	20.26	54.0	20.26
	41	29.5	10.28	37.4	13.41	45.7	17.24	47.2	18.02	47.2	18.02	47.2	18.02	47.2	18.02
	43	29.5	11.05	37.4	14.39	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94
	46	29.5	12.34	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38

7. Capacity Tables

Cooling Capacity (22HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	9.2	3.19	14.3	3.19	18.0	3.19	18.7	3.19	19.4	3.19	20.7	3.25	29.3	3.82
	12	9.2	3.19	14.3	3.19	18.0	3.19	18.7	3.19	19.4	3.19	20.7	3.25	29.3	3.88
	14	9.2	3.19	14.3	3.19	18.0	3.19	18.7	3.19	19.4	3.21	20.7	3.27	29.3	3.92
	16	9.2	3.19	14.3	3.19	18.0	3.19	18.7	3.19	19.4	3.23	20.7	3.30	29.3	3.97
	18	9.2	3.19	14.3	3.19	18.0	3.19	18.7	3.21	19.4	3.25	20.7	3.30	29.3	4.01
	20	9.2	3.19	14.3	3.19	18.0	3.19	18.7	3.23	19.4	3.25	20.7	3.32	29.3	4.07
	21	10.3	3.22	15.6	3.29	19.5	3.40	20.3	3.49	21.2	3.56	22.7	3.68	30.8	4.43
	23	12.5	3.34	18.0	3.59	22.4	3.96	23.6	4.15	24.8	4.38	26.6	4.62	33.9	5.36
	25	14.7	3.57	20.4	4.06	25.3	4.73	26.8	5.08	28.4	5.46	30.4	5.87	36.8	6.63
	27	16.9	3.93	22.9	4.73	28.3	5.80	30.1	6.29	32.1	6.78	34.1	7.24	39.8	8.03
	29	19.2	4.52	25.3	5.71	31.2	7.01	33.4	7.58	35.6	8.25	38.0	8.87	42.9	9.70
	31	21.4	5.37	27.8	6.77	34.1	8.38	36.6	9.12	39.2	9.96	41.8	10.78	45.8	11.75
	33	23.6	6.31	30.2	7.95	37.0	9.94	39.8	10.89	42.9	11.98	45.7	12.99	48.8	14.02
	35	25.9	7.24	32.7	9.27	40.0	11.76	43.1	12.95	46.5	14.27	49.5	15.46	51.9	16.53
	37	25.9	7.77	32.7	9.95	40.0	12.65	43.1	13.90	46.5	15.28	49.5	16.65	51.9	17.79
	39	25.9	8.32	32.7	10.69	40.0	13.59	43.1	14.91	46.5	16.47	49.5	17.92	51.9	19.14
	41	25.9	8.96	32.7	11.49	40.0	14.58	43.1	16.02	46.0	17.44	47.2	18.02	47.2	18.02
	43	25.9	9.63	32.7	12.32	39.7	15.47	40.7	15.94	40.7	15.94	40.7	15.94	40.7	15.94
	46	25.9	10.71	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	25.3	11.26	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38
60	10	7.9	3.19	12.3	3.19	15.4	3.19	16.0	3.19	16.6	3.19	17.8	3.19	25.1	3.48
	12	7.9	3.19	12.3	3.19	15.4	3.19	16.0	3.19	16.6	3.19	17.8	3.19	25.1	3.51
	14	7.9	3.19	12.3	3.19	15.4	3.19	16.0	3.19	16.6	3.19	17.8	3.19	25.1	3.55
	16	7.9	3.19	12.3	3.19	15.4	3.19	16.0	3.19	16.6	3.19	17.8	3.19	25.1	3.60
	18	7.9	3.19	12.3	3.19	15.4	3.19	16.0	3.19	16.6	3.19	17.8	3.19	25.1	3.63
	20	7.9	3.19	12.3	3.19	15.4	3.19	16.0	3.19	16.6	3.19	17.8	3.19	25.1	3.67
	21	8.8	3.19	13.3	3.24	16.7	3.31	17.4	3.35	18.2	3.40	19.4	3.43	26.4	3.92
	23	10.7	3.21	15.4	3.41	19.2	3.67	20.2	3.79	21.3	3.94	22.7	4.07	29.0	4.58
	25	12.6	3.34	17.5	3.71	21.8	4.19	23.0	4.44	24.4	4.70	26.0	4.97	31.6	5.52
	27	14.5	3.56	19.6	4.17	24.2	4.96	25.8	5.33	27.5	5.76	29.3	6.16	34.1	6.73
	29	16.5	3.97	21.7	4.87	26.8	6.00	28.6	6.47	30.6	6.95	32.6	7.47	36.7	8.05
	31	18.3	4.59	23.8	5.83	29.3	7.09	31.4	7.67	33.7	8.29	35.9	8.94	39.3	9.58
	33	20.3	5.49	25.9	6.78	31.7	8.34	34.1	9.07	36.7	9.89	39.1	10.67	41.8	11.45
	35	22.2	6.27	28.0	7.86	34.3	9.79	37.0	10.72	39.8	11.70	42.4	12.70	44.4	13.39
	37	22.2	6.68	28.0	8.42	34.3	10.54	37.0	11.47	39.8	12.54	42.4	13.58	44.4	14.37
	39	22.2	7.18	28.0	9.05	34.3	11.28	37.0	12.35	39.8	13.47	42.4	14.58	44.4	15.50
	41	22.2	7.75	28.0	9.71	34.3	12.10	37.0	13.21	39.8	14.47	42.4	15.67	44.4	16.66
	43	22.2	8.27	28.0	10.47	34.3	13.02	37.0	14.19	39.6	15.46	40.7	15.94	40.7	15.94
	46	22.2	9.27	28.0	11.61	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10	31.3	13.10
	48	22.2	9.96	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38
50	10	6.6	3.19	10.2	3.19	12.9	3.19	13.4	3.19	13.8	3.19	14.8	3.19	20.9	3.25
	12	6.6	3.19	10.2	3.19	12.9	3.19	13.4	3.19	13.8	3.19	14.8	3.19	20.9	3.27
	14	6.6	3.19	10.2	3.19	12.9	3.19	13.4	3.19	13.8	3.19	14.8	3.19	20.9	3.27
	16	6.6	3.19	10.2	3.19	12.9	3.19	13.4	3.19	13.8	3.19	14.8	3.19	20.9	3.30
	18	6.6	3.19	10.2	3.19	12.9	3.19	13.4	3.19	13.8	3.19	14.8	3.19	20.9	3.32
	20	6.6	3.19	10.2	3.19	12.9	3.19	13.4	3.19	13.8	3.19	14.8	3.19	20.9	3.34
	21	7.3	3.16	11.0	3.19	13.9	3.24	14.5	3.28	15.2	3.31	16.2	3.33	22.0	3.49
	23	9.0	3.12	12.8	3.25	16.0	3.44	16.9	3.52	17.7	3.61	18.9	3.71	24.2	3.91
	25	10.5	3.14	14.6	3.41	18.1	3.75	19.2	3.91	20.3	4.10	21.7	4.28	26.4	4.55
	27	12.1	3.25	16.3	3.68	20.2	4.22	21.5	4.50	22.9	4.80	24.4	5.09	28.4	5.44
	29	13.7	3.49	18.1	4.13	22.3	4.96	23.8	5.34	25.5	5.81	27.1	6.20	30.6	6.56
	31	15.3	3.92	19.8	4.83	24.4	5.95	26.2	6.38	28.0	6.87	29.9	7.33	32.8	7.75
	33	16.9	4.60	21.6	5.75	26.4	6.90	28.4	7.47	30.6	8.04	32.6	8.62	34.9	9.15
	35	18.5	5.36	23.3	6.56	28.6	8.05	30.8	8.70	33.2	9.43	35.4	10.13	37.0	10.72
	37	18.5	5.70	23.3	7.00	28.6	8.61	30.8	9.34	33.2	10.16	35.4	10.89	37.0	11.47
	39	18.5	6.11	23.3	7.57	28.6	9.26	30.8	10.02	33.2	10.88	35.4	11.69	37.0	12.35
	41	18.5	6.59	23.3	8.12	28.6	9.94	30.8	10.78	33.2	11.67	35.4	12.53	37.0	13.28
	43	18.5	7.05	23.3	8.70	28.6	10.65	30.8	11.53	33.2	12.57	35.4	13.47	37.0	14.25
	46	18.5	7.88	23.3	9.67	28.6	11.85	30.5	12.77	31.3	13.10	31.3	13.10	31.3	13.10
	48	18.5	8.46	23.3	10.43	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38	25.6	11.38

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM241LTE5

Cooling Capacity (24HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	18.6	3.16	29.0	3.76	36.6	4.44	37.8	4.54	39.2	4.70	42.0	4.98	59.4	6.94
	12	18.6	3.16	29.0	3.82	36.6	4.50	37.8	4.60	39.2	4.76	42.0	5.04	59.4	7.08
	14	18.6	3.16	29.0	3.86	36.6	4.54	37.8	4.70	39.2	4.82	42.0	5.14	59.4	7.22
	16	18.6	3.16	29.0	3.90	36.6	4.60	37.8	4.76	39.2	4.86	42.0	5.20	59.4	7.36
	18	18.6	3.16	29.0	3.96	36.6	4.66	37.8	4.82	39.2	4.98	42.0	5.26	59.4	7.50
	20	18.6	3.16	29.0	4.00	36.6	4.76	37.8	4.86	39.2	5.04	42.0	5.38	59.4	7.64
	21	20.8	3.58	31.4	4.66	39.4	5.74	41.2	6.00	43.0	6.36	46.0	6.88	62.6	9.18
	23	25.2	4.60	36.4	6.24	45.4	7.96	47.8	8.66	50.2	9.46	53.8	10.42	68.6	13.02
	25	29.8	5.98	41.4	8.12	51.4	10.70	54.4	11.82	57.6	13.14	61.4	14.66	74.0	17.72
	27	34.4	7.48	46.4	10.32	57.2	13.84	61.0	15.56	64.8	17.60	69.2	19.88	78.6	22.20
	29	38.8	9.32	51.4	12.88	63.2	17.68	67.6	20.14	72.2	23.18	75.0	24.84	82.0	26.50
	31	43.4	11.34	56.2	15.92	69.2	22.28	74.2	25.56	75.4	26.34	76.2	26.50	80.8	27.64
	33	48.0	13.76	61.2	19.44	74.4	26.98	74.6	27.02	74.8	27.06	75.2	27.14	77.4	27.76
	35	52.4	16.50	66.2	23.38	72.2	27.16	72.2	27.16	72.2	27.16	72.2	27.16	72.2	27.16
	37	52.4	17.80	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36
	39	52.4	19.20	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68
	41	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14
	43	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96
	46	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94
120	10	17.0	3.16	26.8	3.58	33.8	4.20	35.0	4.30	36.2	4.40	38.8	4.66	55.0	6.36
	12	17.0	3.16	26.8	3.62	33.8	4.24	35.0	4.34	36.2	4.44	38.8	4.70	55.0	6.48
	14	17.0	3.16	26.8	3.68	33.8	4.30	35.0	4.40	36.2	4.50	38.8	4.76	55.0	6.62
	16	17.0	3.16	26.8	3.68	33.8	4.34	35.0	4.44	36.2	4.60	38.8	4.86	55.0	6.74
	18	17.0	3.16	26.8	3.72	33.8	4.40	35.0	4.50	36.2	4.66	38.8	4.92	55.0	6.88
	20	17.0	3.16	26.8	3.76	33.8	4.44	35.0	4.60	36.2	4.70	38.8	4.98	55.0	7.02
	21	19.2	3.50	29.0	4.32	36.4	5.28	38.0	5.58	39.6	5.84	42.4	6.26	57.8	8.30
	23	23.4	4.36	33.6	5.74	42.0	7.26	44.0	7.80	46.4	8.50	49.6	9.24	63.4	11.36
	25	27.6	5.52	38.2	7.38	47.4	9.58	50.2	10.52	53.2	11.62	56.8	12.84	69.0	15.50
	27	31.6	6.92	42.8	9.32	52.8	12.30	56.2	13.68	59.8	15.32	64.0	17.06	74.6	20.32
	29	35.8	8.48	47.4	11.56	58.4	15.48	62.4	17.44	66.6	19.86	71.0	22.40	80.2	25.92
	31	40.0	10.28	52.0	14.14	63.8	19.40	68.4	22.02	73.4	25.30	75.2	26.32	79.6	27.30
	33	44.2	12.42	56.6	17.26	69.4	23.84	74.2	26.94	74.4	26.98	74.8	27.06	76.8	27.58
	35	48.4	14.80	61.2	20.66	72.2	27.16	72.2	27.16	72.2	27.16	72.2	27.16	72.2	27.16
	37	48.4	15.90	61.2	22.36	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36
	39	48.4	17.16	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68
	41	48.4	18.40	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14
	43	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96
	46	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94
110	10	15.6	3.16	24.4	3.42	31.0	3.96	32.0	4.04	33.2	4.14	35.6	4.34	50.4	5.84
	12	15.6	3.16	24.4	3.46	31.0	3.96	32.0	4.10	33.2	4.20	35.6	4.40	50.4	5.98
	14	15.6	3.16	24.4	3.46	31.0	4.00	32.0	4.14	33.2	4.24	35.6	4.44	50.4	6.04
	16	15.6	3.16	24.4	3.50	31.0	4.04	32.0	4.20	33.2	4.30	35.6	4.50	50.4	6.16
	18	15.6	3.16	24.4	3.54	31.0	4.10	32.0	4.24	33.2	4.34	35.6	4.60	50.4	6.28
	20	15.6	3.16	24.4	3.58	31.0	4.20	32.0	4.30	33.2	4.40	35.6	4.66	50.4	6.36
	21	17.6	3.44	26.6	4.04	33.4	4.92	34.8	5.12	36.4	5.36	39.0	5.74	52.8	7.44
	23	21.4	4.12	30.8	5.20	38.4	6.54	40.4	7.04	42.6	7.62	45.4	8.26	58.0	10.00
	25	25.2	5.08	35.0	6.66	43.4	8.52	46.0	9.34	48.8	10.26	52.0	11.22	63.2	13.20
	27	29.0	6.34	39.2	8.34	48.4	10.90	51.6	12.02	55.0	13.34	58.6	14.70	68.2	17.34
	29	32.8	7.70	43.4	10.26	53.4	13.56	57.2	15.12	61.2	17.00	65.2	18.96	73.4	21.86
	31	36.8	9.28	47.6	12.50	58.6	16.90	62.8	18.96	67.4	21.50	71.8	24.12	78.4	27.00
	33	40.6	11.10	51.8	15.16	63.6	20.58	68.4	23.34	73.6	26.56	74.2	26.96	76.2	27.42
	35	44.4	13.18	56.0	18.16	68.6	24.86	72.2	27.16	72.2	27.16	72.2	27.16	72.2	27.16
	37	44.4	14.20	56.0	19.56	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36
	39	44.4	15.26	56.0	21.06	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68
	41	44.4	16.38	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14
	43	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96
	46	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94

7. Capacity Tables

Cooling Capacity (24HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	14.2	3.16	22.2	3.24	28.2	3.68	29.2	3.76	30.2	3.86	32.4	4.04	45.8	5.38
	12	14.2	3.16	22.2	3.28	28.2	3.72	29.2	3.82	30.2	3.90	32.4	4.10	45.8	5.42
	14	14.2	3.16	22.2	3.28	28.2	3.76	29.2	3.86	30.2	3.96	32.4	4.14	45.8	5.48
	16	14.2	3.16	22.2	3.32	28.2	3.82	29.2	3.90	30.2	4.00	32.4	4.20	45.8	5.60
	18	14.2	3.16	22.2	3.38	28.2	3.86	29.2	3.96	30.2	4.04	32.4	4.24	45.8	5.72
	20	14.2	3.16	22.2	3.38	28.2	3.90	29.2	4.00	30.2	4.10	32.4	4.34	45.8	5.78
	21	16.0	3.36	24.2	3.74	30.4	4.48	31.6	4.70	33.0	4.90	35.4	5.26	48.0	6.70
	23	19.4	3.90	28.0	4.72	35.0	5.94	36.8	6.34	38.6	6.80	41.4	7.32	52.8	8.82
	25	23.0	4.68	31.8	6.00	39.6	7.60	41.8	8.26	44.2	9.02	47.2	9.80	57.4	11.40
	27	26.4	5.72	35.6	7.46	44.0	9.58	46.8	10.54	50.0	11.62	53.2	12.74	62.0	14.64
	29	29.8	6.96	39.4	9.10	48.6	11.86	52.0	13.14	55.6	14.66	59.2	16.16	66.8	18.52
	31	33.4	8.32	43.2	11.08	53.2	14.60	57.0	16.26	61.2	18.26	65.2	20.32	71.4	22.76
	33	36.8	9.92	47.2	13.30	57.8	17.80	62.2	19.96	66.8	22.54	71.2	25.06	75.6	27.26
	35	40.4	11.76	51.0	15.84	62.4	21.28	67.2	24.00	72.2	27.16	72.2	27.16	72.2	27.16
	37	40.4	12.60	51.0	17.10	62.4	23.02	64.4	24.36	64.4	24.36	64.4	24.36	64.4	24.36
	39	40.4	13.58	51.0	18.34	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68
	41	40.4	14.50	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14
	43	40.4	15.60	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96
	46	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94
90	10	12.8	3.16	20.0	3.16	25.2	3.46	26.2	3.54	27.2	3.62	29.2	3.76	41.2	4.86
	12	12.8	3.16	20.0	3.16	25.2	3.50	26.2	3.58	27.2	3.68	29.2	3.82	41.2	4.98
	14	12.8	3.16	20.0	3.16	25.2	3.54	26.2	3.62	27.2	3.68	29.2	3.86	41.2	5.04
	16	12.8	3.16	20.0	3.16	25.2	3.58	26.2	3.62	27.2	3.72	29.2	3.90	41.2	5.08
	18	12.8	3.16	20.0	3.16	25.2	3.62	26.2	3.68	27.2	3.76	29.2	3.96	41.2	5.20
	20	12.8	3.16	20.0	3.20	25.2	3.62	26.2	3.72	27.2	3.82	29.2	4.00	41.2	5.26
	21	14.4	3.32	21.8	3.50	27.4	4.08	28.4	4.26	29.8	4.46	31.8	4.74	43.2	6.00
	23	17.6	3.72	25.2	4.24	31.4	5.26	33.0	5.68	34.8	6.06	37.2	6.50	47.4	7.74
	25	20.6	4.32	28.6	5.28	35.6	6.74	37.6	7.28	39.8	7.90	42.6	8.56	51.6	9.84
	27	23.8	5.14	32.0	6.60	39.6	8.40	42.2	9.18	45.0	10.06	48.0	10.92	55.8	12.30
	29	27.0	6.28	35.6	8.02	43.8	10.34	46.8	11.38	50.0	12.56	53.4	13.74	60.0	15.50
	31	30.0	7.44	39.0	9.66	47.8	12.54	51.4	13.92	55.0	15.50	58.6	17.04	64.2	19.00
	33	33.2	8.82	42.4	11.64	52.0	15.28	56.0	17.00	60.2	18.96	64.0	20.94	68.4	22.86
	35	36.4	10.32	45.8	13.78	56.0	18.16	60.4	20.34	65.2	22.86	69.4	25.38	72.2	27.16
	37	36.4	11.10	45.8	14.82	56.0	19.56	60.4	21.90	64.4	24.36	64.4	24.36	64.4	24.36
	39	36.4	11.90	45.8	15.92	56.0	21.08	57.0	21.68	57.0	21.68	57.0	21.68	57.0	21.68
	41	36.4	12.84	45.8	17.10	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14
	43	36.4	13.74	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96
	46	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94
80	10	11.4	3.16	17.8	3.16	22.4	3.24	23.4	3.32	24.2	3.38	26.0	3.50	36.6	4.44
	12	11.4	3.16	17.8	3.16	22.4	3.28	23.4	3.32	24.2	3.42	26.0	3.54	36.6	4.50
	14	11.4	3.16	17.8	3.16	22.4	3.32	23.4	3.38	24.2	3.46	26.0	3.58	36.6	4.54
	16	11.4	3.16	17.8	3.16	22.4	3.32	23.4	3.42	24.2	3.50	26.0	3.62	36.6	4.60
	18	11.4	3.16	17.8	3.16	22.4	3.38	23.4	3.46	24.2	3.50	26.0	3.68	36.6	4.70
	20	11.4	3.16	17.8	3.16	22.4	3.42	23.4	3.50	24.2	3.54	26.0	3.72	36.6	4.76
	21	12.8	3.26	19.4	3.38	24.4	3.76	25.4	3.92	26.4	4.04	28.2	4.30	38.4	5.34
	23	15.6	3.54	22.4	3.94	28.0	4.64	29.4	4.96	31.0	5.34	33.0	5.70	42.2	6.76
	25	18.4	3.98	25.4	4.72	31.6	5.88	33.4	6.36	35.4	6.88	37.8	7.40	46.0	8.46
	27	21.2	4.60	28.6	5.78	35.2	7.30	37.6	7.92	40.0	8.62	42.6	9.34	49.6	10.46
	29	24.0	5.50	31.6	7.06	39.0	8.90	41.6	9.76	44.4	10.70	47.4	11.60	53.4	12.92
	31	26.6	6.60	34.6	8.40	42.6	10.74	45.6	11.84	49.0	13.08	52.2	14.30	57.2	15.86
	33	29.4	7.76	37.6	10.02	46.2	12.96	49.8	14.32	53.4	15.96	57.0	17.48	60.8	18.96
	35	32.2	9.06	40.8	11.88	49.8	15.42	53.8	17.16	58.0	19.02	61.6	20.96	64.6	22.54
	37	32.2	9.76	40.8	12.72	49.8	16.56	53.8	18.40	58.0	20.62	61.6	22.68	64.4	24.36
	39	32.2	10.42	40.8	13.72	49.8	17.88	53.8	19.82	57.0	21.68	57.0	21.68	57.0	21.68
	41	32.2	11.20	40.8	14.76	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14	49.8	19.14
	43	32.2	12.00	40.8	15.86	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96
	46	32.2	13.46	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94

7. Capacity Tables

Cooling Capacity (24HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	10.0	3.16	15.6	3.16	19.6	3.16	20.4	3.16	21.2	3.16	22.6	3.28	32.0	4.04
	12	10.0	3.16	15.6	3.16	19.6	3.16	20.4	3.16	21.2	3.16	22.6	3.28	32.0	4.10
	14	10.0	3.16	15.6	3.16	19.6	3.16	20.4	3.16	21.2	3.20	22.6	3.32	32.0	4.14
	16	10.0	3.16	15.6	3.16	19.6	3.16	20.4	3.16	21.2	3.24	22.6	3.38	32.0	4.20
	18	10.0	3.16	15.6	3.16	19.6	3.16	20.4	3.20	21.2	3.28	22.6	3.38	32.0	4.24
	20	10.0	3.16	15.6	3.16	19.6	3.16	20.4	3.24	21.2	3.28	22.6	3.42	32.0	4.30
	21	11.2	3.22	17.0	3.30	21.2	3.42	22.2	3.56	23.2	3.66	24.8	3.84	33.6	4.72
	23	13.6	3.38	19.6	3.68	24.4	4.12	25.8	4.34	27.0	4.64	29.0	4.96	37.0	5.80
	25	16.0	3.68	22.2	4.24	27.6	5.02	29.2	5.44	31.0	5.88	33.2	6.38	40.2	7.24
	27	18.4	4.12	25.0	5.04	30.8	6.26	32.8	6.80	35.0	7.34	37.2	7.92	43.4	8.82
	29	21.0	4.82	27.6	6.16	34.0	7.62	36.4	8.28	38.8	9.04	41.4	9.74	46.8	10.70
	31	23.4	5.80	30.4	7.30	37.2	9.16	40.0	10.00	42.8	10.96	45.6	11.90	50.0	13.04
	33	25.8	6.80	33.0	8.64	40.4	10.92	43.4	11.96	46.8	13.24	49.8	14.40	53.2	15.58
	35	28.2	7.88	35.6	10.12	43.6	12.94	47.0	14.28	50.8	15.82	54.0	17.18	56.6	18.42
	37	28.2	8.44	35.6	10.88	43.6	13.94	47.0	15.34	50.8	16.96	54.0	18.52	56.6	19.86
	39	28.2	9.02	35.6	11.66	43.6	14.98	47.0	16.48	50.8	18.30	54.0	19.96	56.6	21.38
	41	28.2	9.74	35.6	12.60	43.6	16.10	47.0	17.78	49.8	19.14	49.8	19.14	49.8	19.14
	43	28.2	10.48	35.6	13.48	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96	43.0	16.96
	46	28.2	11.62	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94
60	10	8.6	3.16	13.4	3.16	16.8	3.16	17.4	3.16	18.2	3.16	19.4	3.16	27.4	3.62
	12	8.6	3.16	13.4	3.16	16.8	3.16	17.4	3.16	18.2	3.16	19.4	3.16	27.4	3.68
	14	8.6	3.16	13.4	3.16	16.8	3.16	17.4	3.16	18.2	3.16	19.4	3.16	27.4	3.72
	16	8.6	3.16	13.4	3.16	16.8	3.16	17.4	3.16	18.2	3.16	19.4	3.16	27.4	3.76
	18	8.6	3.16	13.4	3.16	16.8	3.16	17.4	3.16	18.2	3.16	19.4	3.16	27.4	3.82
	20	8.6	3.16	13.4	3.16	16.8	3.16	17.4	3.16	18.2	3.16	19.4	3.16	27.4	3.86
	21	9.6	3.18	14.6	3.24	18.2	3.32	19.0	3.36	19.8	3.42	21.2	3.46	28.8	4.16
	23	11.6	3.24	16.8	3.48	21.0	3.78	22.0	3.90	23.2	4.08	24.8	4.22	31.6	4.90
	25	13.8	3.42	19.0	3.84	23.8	4.40	25.0	4.68	26.6	4.98	28.4	5.30	34.4	6.00
	27	15.8	3.70	21.4	4.40	26.4	5.30	28.2	5.72	30.0	6.20	32.0	6.66	37.2	7.34
	29	18.0	4.20	23.6	5.22	29.2	6.48	31.2	6.96	33.4	7.50	35.6	8.12	40.0	8.82
	31	20.0	4.90	26.0	6.26	32.0	7.66	34.2	8.32	36.8	9.04	39.2	9.80	42.8	10.56
	33	22.2	5.88	28.2	7.36	34.6	9.08	37.2	9.92	40.0	10.82	42.6	11.72	45.6	12.66
	35	24.2	6.76	30.6	8.56	37.4	10.74	40.4	11.76	43.4	12.92	46.2	14.02	48.4	14.80
	37	24.2	7.20	30.6	9.16	37.4	11.54	40.4	12.60	43.4	13.82	46.2	14.96	48.4	15.90
	39	24.2	7.72	30.6	9.86	37.4	12.36	40.4	13.58	43.4	14.86	46.2	16.08	48.4	17.16
	41	24.2	8.36	30.6	10.60	37.4	13.24	40.4	14.50	43.4	15.98	46.2	17.36	48.4	18.52
	43	24.2	8.94	30.6	11.40	37.4	14.26	40.4	15.60	43.0	16.96	43.0	16.96	43.0	16.96
	46	24.2	9.98	30.6	12.60	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	24.2	10.74	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94
50	10	7.2	3.16	11.2	3.16	14.0	3.16	14.6	3.16	15.0	3.16	16.2	3.16	22.8	3.28
	12	7.2	3.16	11.2	3.16	14.0	3.16	14.6	3.16	15.0	3.16	16.2	3.16	22.8	3.32
	14	7.2	3.16	11.2	3.16	14.0	3.16	14.6	3.16	15.0	3.16	16.2	3.16	22.8	3.32
	16	7.2	3.16	11.2	3.16	14.0	3.16	14.6	3.16	15.0	3.16	16.2	3.16	22.8	3.38
	18	7.2	3.16	11.2	3.16	14.0	3.16	14.6	3.16	15.0	3.16	16.2	3.16	22.8	3.42
	20	7.2	3.16	11.2	3.16	14.0	3.16	14.6	3.16	15.0	3.16	16.2	3.16	22.8	3.46
	21	8.0	3.14	12.0	3.18	15.2	3.24	15.8	3.28	16.6	3.32	17.6	3.34	24.0	3.64
	23	9.8	3.14	14.0	3.28	17.4	3.50	18.4	3.60	19.4	3.70	20.6	3.82	26.4	4.14
	25	11.4	3.20	16.0	3.50	19.8	3.90	21.0	4.08	22.2	4.28	23.6	4.50	28.8	4.90
	27	13.2	3.36	17.8	3.84	22.0	4.46	23.4	4.76	25.0	5.10	26.6	5.44	31.0	5.92
	29	15.0	3.66	19.8	4.36	24.4	5.30	26.0	5.74	27.8	6.28	29.6	6.66	33.4	7.12
	31	16.6	4.16	21.6	5.18	26.6	6.40	28.6	6.86	30.6	7.42	32.6	7.94	35.8	8.46
	33	18.4	4.92	23.6	6.18	28.8	7.44	31.0	8.10	33.4	8.74	35.6	9.38	38.0	10.04
	35	20.2	5.74	25.4	7.06	31.2	8.76	33.6	9.48	36.2	10.32	38.6	11.10	40.4	11.76
	37	20.2	6.10	25.4	7.56	31.2	9.36	33.6	10.20	36.2	11.10	38.6	11.90	40.4	12.60
	39	20.2	6.58	25.4	8.20	31.2	10.08	33.6	10.96	36.2	11.90	38.6	12.84	40.4	13.58
	41	20.2	7.08	25.4	8.78	31.2	10.84	33.6	11.76	36.2	12.74	38.6	13.74	40.4	14.62
	43	20.2	7.60	25.4	9.38	31.2	11.64	33.6	12.60	36.2	13.74	38.6	14.78	40.4	15.70
	46	20.2	8.46	25.4	10.44	31.2	12.94	33.0	13.84	33.0	13.84	33.0	13.84	33.0	13.84
	48	20.2	9.06	25.4	11.24	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94	27.0	11.94

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM261LTE5

Cooling Capacity (26HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	20.1	3.42	31.4	4.18	39.6	4.90	41.0	5.03	42.5	5.20	45.6	5.51	64.4	7.68
	12	20.1	3.42	31.4	4.23	39.6	4.98	41.0	5.09	42.5	5.25	45.6	5.57	64.4	7.82
	14	20.1	3.44	31.4	4.28	39.6	5.03	41.0	5.20	42.5	5.34	45.6	5.68	64.4	7.96
	16	20.1	3.44	31.4	4.32	39.6	5.09	41.0	5.25	42.5	5.39	45.6	5.74	64.4	8.11
	18	20.1	3.46	31.4	4.37	39.6	5.15	41.0	5.31	42.5	5.48	45.6	5.83	64.4	8.25
	20	20.1	3.48	31.4	4.42	39.6	5.25	41.0	5.39	42.5	5.57	45.6	5.92	64.4	8.44
	21	22.5	3.90	34.0	5.09	42.7	6.27	44.6	6.58	46.5	6.95	49.7	7.43	67.5	9.88
	23	27.4	4.94	39.4	6.72	49.2	8.60	51.8	9.31	54.4	10.15	57.7	10.84	73.2	13.26
	25	32.3	6.35	44.8	8.75	55.7	11.42	58.9	12.56	62.3	13.85	65.3	14.75	78.3	17.22
	27	37.2	8.02	50.2	11.04	62.0	14.67	66.1	16.36	69.6	18.03	72.6	19.28	82.6	21.50
	29	42.1	9.98	55.6	13.66	68.5	18.51	73.2	20.93	76.6	22.91	78.5	23.81	86.0	25.66
	31	47.0	12.09	60.9	16.75	74.9	23.14	80.4	26.40	81.1	26.83	81.8	27.00	86.7	28.18
	33	51.9	14.58	66.3	20.39	81.0	28.22	83.3	29.60	83.3	29.61	83.5	29.66	86.0	30.29
	35	56.8	17.39	71.7	24.43	83.4	31.41	84.4	32.17	84.3	32.16	84.3	32.16	84.3	32.16
	37	56.8	18.69	70.8	25.86	79.0	31.29	79.0	31.29	79.0	31.29	79.0	31.29	79.0	31.29
	39	56.8	20.09	67.1	25.68	70.0	27.58	70.0	27.58	70.0	27.58	70.0	27.58	70.0	27.58
	41	55.5	20.86	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15
	43	52.1	20.63	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03
	46	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87
	48	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34
120	10	18.5	3.42	29.0	3.97	36.6	4.65	37.9	4.75	39.2	4.88	42.1	5.15	59.5	7.03
	12	18.5	3.42	29.0	4.01	36.6	4.69	37.9	4.80	39.2	4.93	42.1	5.20	59.5	7.16
	14	18.5	3.42	29.0	4.07	36.6	4.75	37.9	4.85	39.2	4.98	42.1	5.28	59.5	7.30
	16	18.5	3.42	29.0	4.09	36.6	4.80	37.9	4.93	39.2	5.06	42.1	5.36	59.5	7.43
	18	18.5	3.42	29.0	4.13	36.6	4.85	37.9	4.98	39.2	5.15	42.1	5.42	59.5	7.57
	20	18.5	3.42	29.0	4.18	36.6	4.90	37.9	5.06	39.2	5.20	42.1	5.51	59.5	7.72
	21	20.8	3.76	31.4	4.74	39.5	5.76	41.2	6.08	42.9	6.39	46.0	6.85	62.6	9.05
	23	25.3	4.63	36.4	6.15	45.5	7.85	47.7	8.44	50.2	9.15	53.7	9.93	68.5	12.10
	25	29.9	5.81	41.4	7.92	51.4	10.26	54.4	11.23	57.6	12.36	61.5	13.57	74.1	15.86
	27	34.3	7.32	46.4	9.99	57.2	13.07	60.9	14.47	64.8	16.14	69.1	17.74	79.3	20.18
	29	38.8	9.09	51.3	12.30	63.2	16.31	67.6	18.29	72.2	20.65	75.9	22.51	84.2	25.15
	31	43.4	11.00	56.3	14.95	69.1	20.23	74.1	22.84	79.5	26.08	81.0	26.81	85.6	27.86
	33	47.9	13.18	61.3	18.12	75.1	24.78	80.6	28.03	83.1	29.56	83.3	29.61	85.4	30.12
	35	52.4	15.68	66.3	21.61	79.7	29.00	83.1	31.23	84.4	32.18	84.3	32.16	84.3	32.16
	37	52.4	16.78	66.3	23.30	75.8	28.97	79.0	31.29	79.0	31.29	79.0	31.29	79.0	31.29
	39	52.4	18.05	64.2	23.93	70.0	27.58	70.0	27.58	70.0	27.58	70.0	27.58	70.0	27.58
	41	52.4	19.34	60.6	23.72	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15
	43	49.7	19.35	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03
	46	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87
	48	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34
110	10	16.9	3.42	26.5	3.80	33.5	4.37	34.7	4.47	36.0	4.57	38.6	4.80	54.6	6.47
	12	16.9	3.42	26.5	3.82	33.5	4.40	34.7	4.52	36.0	4.65	38.6	4.88	54.6	6.60
	14	16.9	3.42	26.5	3.84	33.5	4.45	34.7	4.57	36.0	4.69	38.6	4.93	54.6	6.67
	16	16.9	3.42	26.5	3.88	33.5	4.49	34.7	4.62	36.0	4.75	38.6	4.98	54.6	6.79
	18	16.9	3.42	26.5	3.93	33.5	4.55	34.7	4.67	36.0	4.80	38.6	5.06	54.6	6.92
	20	16.9	3.42	26.5	3.97	33.5	4.62	34.7	4.75	36.0	4.85	38.6	5.15	54.6	7.03
	21	19.0	3.69	28.8	4.43	36.2	5.35	37.7	5.60	39.4	5.86	42.2	6.29	57.3	8.16
	23	23.2	4.38	33.4	5.59	41.6	7.07	43.8	7.62	46.1	8.22	49.2	8.88	62.9	10.79
	25	27.3	5.35	37.9	7.11	47.1	9.18	49.8	10.02	52.8	10.96	56.3	11.95	68.4	14.00
	27	31.4	6.66	42.5	8.97	52.5	11.62	55.9	12.78	59.5	14.13	63.5	15.51	73.9	17.97
	29	35.6	8.24	47.0	10.99	57.9	14.37	62.0	15.96	66.2	17.85	70.6	19.79	79.5	22.66
	31	39.8	9.93	51.6	13.32	63.4	17.72	68.0	19.79	73.0	22.34	77.7	24.96	84.5	27.58
	33	43.9	11.84	56.1	16.02	68.9	21.50	74.1	24.29	79.7	27.51	82.8	29.38	85.1	30.00
	35	48.1	14.05	60.7	19.12	74.3	25.86	79.2	28.74	82.6	30.86	84.5	32.19	84.3	32.16
	37	48.1	15.02	60.7	20.52	72.2	26.67	75.3	28.61	78.7	31.08	79.0	31.29	79.0	31.29
	39	48.1	16.08	60.7	22.02	68.5	26.56	70.0	27.58	70.0	27.58	70.0	27.58	70.0	27.58
	41	48.1	17.26	57.6	21.93	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15
	43	47.4	18.21	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03
	46	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87
	48	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34

7. Capacity Tables

Cooling Capacity (26HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	15.4	3.42	24.1	3.60	30.5	4.09	31.6	4.18	32.7	4.28	35.1	4.49	49.6	5.92
	12	15.4	3.42	24.1	3.64	30.5	4.13	31.6	4.23	32.7	4.32	35.1	4.55	49.6	6.00
	14	15.4	3.42	24.1	3.64	30.5	4.18	31.6	4.28	32.7	4.37	35.1	4.59	49.6	6.06
	16	15.4	3.42	24.1	3.68	30.5	4.23	31.6	4.32	32.7	4.42	35.1	4.65	49.6	6.19
	18	15.4	3.42	24.1	3.73	30.5	4.28	31.6	4.37	32.7	4.47	35.1	4.69	49.6	6.31
	20	15.4	3.42	24.1	3.76	30.5	4.32	31.6	4.42	32.7	4.55	35.1	4.77	49.6	6.37
	21	17.3	3.61	26.2	4.12	32.9	4.90	34.3	5.12	35.8	5.37	38.3	5.72	52.1	7.32
	23	21.0	4.16	30.3	5.08	37.9	6.36	39.8	6.83	41.8	7.35	44.8	7.92	57.2	9.53
	25	24.9	4.94	34.5	6.37	42.8	8.19	45.3	8.90	47.9	9.66	51.2	10.49	62.2	12.18
	27	28.6	6.01	38.6	7.97	47.7	10.27	50.8	11.24	54.1	12.36	57.7	13.50	67.2	15.39
	29	32.3	7.39	42.7	9.79	52.7	12.63	56.3	13.94	60.2	15.47	64.1	17.00	72.3	19.26
	31	36.2	8.97	46.9	11.80	57.6	15.39	61.8	17.12	66.3	19.13	70.6	21.15	77.4	23.68
	33	39.9	10.60	51.1	14.11	62.6	18.65	67.3	20.84	72.4	23.45	77.1	26.01	82.2	28.43
	35	43.7	12.56	55.2	16.75	67.6	22.27	72.8	24.98	78.4	28.23	81.1	29.87	83.2	31.24
	37	43.7	13.40	55.2	18.01	67.6	24.01	71.4	26.19	74.5	28.06	77.2	29.91	79.0	31.29
	39	43.7	14.39	55.2	19.25	64.9	24.27	67.7	26.03	70.0	27.58	70.0	27.58	70.0	27.58
	41	43.7	15.31	54.6	20.42	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15	61.2	24.15
	43	43.7	16.46	51.2	20.10	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03
	46	40.0	16.46	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87
	48	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34
90	10	13.9	3.42	21.7	3.48	27.4	3.84	28.4	3.93	29.4	4.01	31.6	4.18	44.6	5.39
	12	13.9	3.42	21.7	3.48	27.4	3.88	28.4	3.97	29.4	4.07	31.6	4.23	44.6	5.48
	14	13.9	3.42	21.7	3.50	27.4	3.93	28.4	4.01	29.4	4.09	31.6	4.28	44.6	5.57
	16	13.9	3.42	21.7	3.50	27.4	3.97	28.4	4.04	29.4	4.13	31.6	4.32	44.6	5.62
	18	13.9	3.42	21.7	3.52	27.4	4.01	28.4	4.09	29.4	4.18	31.6	4.37	44.6	5.74
	20	13.9	3.42	21.7	3.56	27.4	4.04	28.4	4.13	29.4	4.23	31.6	4.42	44.6	5.80
	21	15.6	3.56	23.6	3.85	29.7	4.49	30.8	4.68	32.2	4.89	34.5	5.17	46.8	6.55
	23	19.0	3.96	27.3	4.58	34.0	5.66	35.8	6.08	37.7	6.50	40.3	7.01	51.4	8.38
	25	22.3	4.56	31.0	5.63	38.5	7.20	40.8	7.81	43.1	8.49	46.1	9.19	55.9	10.59
	27	25.8	5.42	34.7	7.01	42.9	9.03	45.7	9.84	48.7	10.74	52.0	11.66	60.5	13.12
	29	29.2	6.61	38.5	8.66	47.4	11.05	50.7	12.13	54.2	13.34	57.8	14.53	65.0	16.23
	31	32.5	8.03	42.2	10.37	51.8	13.35	55.7	14.74	59.6	16.36	63.5	17.92	69.6	19.90
	33	35.9	9.48	45.9	12.38	56.3	16.09	60.6	17.86	65.2	19.87	69.4	21.90	74.1	23.87
	35	39.4	11.10	49.6	14.63	60.7	19.12	65.5	21.30	70.6	23.87	75.2	26.37	78.5	28.31
	37	39.4	11.88	49.6	15.68	60.7	20.52	65.5	22.92	70.2	25.54	72.7	26.94	74.6	28.15
	39	39.4	12.69	49.6	16.78	60.7	22.04	63.8	23.70	66.5	25.27	69.0	26.85	70.0	27.58
	41	39.4	13.59	49.6	18.01	57.6	21.94	60.2	23.47	61.2	24.15	61.2	24.15	61.2	24.15
	43	39.4	14.54	48.2	18.57	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03
	46	37.7	15.38	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87
	48	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34
80	10	12.3	3.42	19.3	3.42	24.3	3.60	25.3	3.68	26.2	3.76	28.1	3.91	39.7	4.90
	12	12.3	3.42	19.3	3.42	24.3	3.64	25.3	3.70	26.2	3.80	28.1	3.93	39.7	4.98
	14	12.3	3.42	19.3	3.42	24.3	3.68	25.3	3.76	26.2	3.82	28.1	3.97	39.7	5.03
	16	12.3	3.42	19.3	3.42	24.3	3.70	25.3	3.78	26.2	3.86	28.1	4.01	39.7	5.09
	18	12.3	3.42	19.3	3.42	24.3	3.76	25.3	3.82	26.2	3.88	28.1	4.07	39.7	5.20
	20	12.3	3.42	19.3	3.44	24.3	3.78	25.3	3.86	26.2	3.93	28.1	4.11	39.7	5.25
	21	13.9	3.50	21.0	3.65	26.4	4.12	27.5	4.28	28.6	4.43	30.6	4.69	41.6	5.83
	23	16.9	3.77	24.3	4.20	30.3	5.02	31.8	5.35	33.5	5.73	35.8	6.14	45.7	7.29
	25	19.9	4.21	27.6	5.01	34.2	6.27	36.2	6.78	38.4	7.37	41.0	7.96	49.8	9.13
	27	22.9	4.86	30.9	6.12	38.2	7.80	40.7	8.51	43.3	9.27	46.2	10.03	53.8	11.20
	29	26.0	5.80	34.2	7.52	42.2	9.57	45.1	10.44	48.1	11.42	51.3	12.38	57.9	13.68
	31	28.9	7.05	37.5	9.07	46.1	11.47	49.4	12.62	53.1	13.88	56.5	15.11	61.9	16.66
	33	31.9	8.38	40.8	10.75	50.1	13.74	53.9	15.15	57.9	16.80	61.7	18.33	65.9	19.92
	35	34.9	9.78	44.2	12.68	54.0	16.29	58.3	18.04	62.8	20.02	66.8	21.96	70.0	23.55
	37	34.9	10.44	44.2	13.52	54.0	17.48	58.3	19.33	62.8	21.55	66.8	23.62	69.9	25.37
	39	34.9	11.15	44.2	14.52	54.0	18.75	58.3	20.75	62.3	22.93	64.5	24.10	66.2	25.09
	41	34.9	11.93	44.2	15.56	54.0	20.07	56.3	21.24	58.7	22.57	60.9	23.90	61.2	24.15
	43	34.9	12.73	44.2	16.66	50.6	19.79	52.9	21.03	52.9	21.03	52.9	21.03	52.9	21.03
	46	34.9	14.19	40.3	16.60	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87
	48	32.3	13.94	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34

7. Capacity Tables

Cooling Capacity (26HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	10.8	3.42	16.9	3.42	21.3	3.46	22.1	3.48	22.9	3.52	24.5	3.64	34.7	4.47
	12	10.8	3.42	16.9	3.42	21.3	3.46	22.1	3.50	22.9	3.52	24.5	3.66	34.7	4.52
	14	10.8	3.42	16.9	3.42	21.3	3.48	22.1	3.52	22.9	3.56	24.5	3.68	34.7	4.57
	16	10.8	3.42	16.9	3.42	21.3	3.50	22.1	3.52	22.9	3.60	24.5	3.73	34.7	4.62
	18	10.8	3.42	16.9	3.42	21.3	3.50	22.1	3.56	22.9	3.64	24.5	3.76	34.7	4.67
	20	10.8	3.42	16.9	3.42	21.3	3.52	22.1	3.60	22.9	3.64	24.5	3.80	34.7	4.75
	21	12.1	3.46	18.4	3.55	23.0	3.77	24.0	3.91	25.1	4.02	26.8	4.22	36.4	5.17
	23	14.7	3.60	21.2	3.92	26.5	4.46	27.9	4.69	29.3	5.00	31.4	5.33	40.0	6.25
	25	17.4	3.90	24.1	4.49	29.9	5.37	31.7	5.80	33.6	6.26	35.9	6.78	43.5	7.74
	27	20.0	4.37	27.1	5.32	33.4	6.64	35.6	7.23	37.9	7.88	40.3	8.52	47.1	9.50
	29	22.7	5.09	29.9	6.48	36.9	8.19	39.4	8.92	42.1	9.70	44.9	10.45	50.7	11.43
	31	25.3	6.13	32.9	7.87	40.3	9.84	43.3	10.71	46.4	11.68	49.4	12.68	54.2	13.76
	33	27.9	7.40	35.7	9.31	43.8	11.68	47.1	12.73	50.7	14.02	54.0	15.24	57.7	16.46
	35	30.6	8.54	38.6	10.86	47.2	13.76	50.9	15.12	55.0	16.68	58.5	18.11	61.3	19.32
	37	30.6	9.10	38.6	11.62	47.2	14.76	50.9	16.19	55.0	17.88	58.5	19.45	61.3	20.75
	39	30.6	9.73	38.6	12.41	47.2	15.81	50.9	17.38	55.0	19.16	58.5	20.89	61.3	22.33
	41	30.6	10.40	38.6	13.35	47.2	16.93	50.9	18.63	54.5	20.35	56.4	21.31	57.9	22.09
	43	30.6	11.14	38.6	14.23	46.9	18.00	48.9	18.92	51.1	20.02	52.9	21.03	52.9	21.03
	46	30.6	12.33	37.3	15.19	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87	40.8	16.87
	48	30.0	12.91	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34
60	10	9.3	3.42	14.5	3.42	18.2	3.42	18.9	3.42	19.7	3.42	21.0	3.44	29.7	4.04
	12	9.3	3.42	14.5	3.42	18.2	3.42	18.9	3.42	19.7	3.42	21.0	3.46	29.7	4.09
	14	9.3	3.42	14.5	3.42	18.2	3.42	18.9	3.42	19.7	3.42	21.0	3.48	29.7	4.11
	16	9.3	3.42	14.5	3.42	18.2	3.42	18.9	3.42	19.7	3.42	21.0	3.48	29.7	4.15
	18	9.3	3.42	14.5	3.42	18.2	3.42	18.9	3.42	19.7	3.44	21.0	3.50	29.7	4.21
	20	9.3	3.42	14.5	3.42	18.2	3.42	18.9	3.42	19.7	3.46	21.0	3.52	29.7	4.25
	21	10.4	3.42	15.8	3.48	19.7	3.57	20.6	3.61	21.5	3.71	23.0	3.81	31.2	4.54
	23	12.6	3.46	18.2	3.70	22.7	4.02	23.9	4.17	25.1	4.37	26.9	4.57	34.3	5.30
	25	14.9	3.63	20.6	4.07	25.7	4.66	27.1	4.95	28.8	5.30	30.8	5.65	37.3	6.41
	27	17.1	3.92	23.2	4.65	28.6	5.58	30.5	6.03	32.5	6.55	34.6	7.06	40.3	7.82
	29	19.5	4.45	25.6	5.51	31.6	6.82	33.8	7.42	36.1	8.06	38.5	8.73	43.4	9.47
	31	21.7	5.21	28.2	6.66	34.6	8.29	37.1	8.99	39.8	9.73	42.4	10.47	46.4	11.29
	33	24.0	6.32	30.6	7.98	37.5	9.79	40.3	10.62	43.4	11.57	46.2	12.50	49.4	13.41
	35	26.2	7.41	33.1	9.25	40.5	11.47	43.7	12.56	47.1	13.74	50.1	14.82	52.5	15.68
	37	26.2	7.88	33.1	9.89	40.5	12.27	43.7	13.40	47.1	14.65	50.1	15.82	52.5	16.78
	39	26.2	8.41	33.1	10.55	40.5	13.14	43.7	14.39	47.1	15.69	50.1	16.99	52.5	18.05
	41	26.2	9.01	33.1	11.30	40.5	14.02	43.7	15.31	47.1	16.81	50.1	18.22	52.5	19.41
	43	26.2	9.59	33.1	12.09	40.5	15.04	43.7	16.46	46.9	17.94	48.5	18.70	49.8	19.35
	46	26.2	10.63	33.1	13.34	38.3	15.65	40.0	16.46	40.8	16.87	40.8	16.87	40.8	16.87
	48	26.2	11.39	31.3	13.51	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34	33.3	14.34
50	10	7.8	3.42	12.1	3.42	15.2	3.42	15.8	3.42	16.3	3.42	17.5	3.42	24.7	3.64
	12	7.8	3.42	12.1	3.42	15.2	3.42	15.8	3.42	16.3	3.42	17.5	3.42	24.7	3.68
	14	7.8	3.42	12.1	3.42	15.2	3.42	15.8	3.42	16.3	3.42	17.5	3.42	24.7	3.70
	16	7.8	3.42	12.1	3.42	15.2	3.42	15.8	3.42	16.3	3.42	17.5	3.42	24.7	3.76
	18	7.8	3.42	12.1	3.42	15.2	3.42	15.8	3.42	16.3	3.42	17.5	3.42	24.7	3.78
	20	7.8	3.42	12.1	3.42	15.2	3.42	15.8	3.42	16.3	3.42	17.5	3.42	24.7	3.82
	21	8.7	3.38	13.1	3.42	16.5	3.49	17.1	3.52	17.9	3.56	19.1	3.59	26.0	3.99
	23	10.6	3.35	15.2	3.50	18.9	3.73	19.9	3.83	21.0	3.95	22.4	4.07	28.6	4.50
	25	12.4	3.39	17.3	3.71	21.4	4.13	22.7	4.32	24.0	4.54	25.6	4.76	31.1	5.25
	27	14.3	3.55	19.3	4.06	23.9	4.72	25.4	5.03	27.1	5.38	28.8	5.74	33.6	6.28
	29	16.2	3.87	21.4	4.63	26.4	5.59	28.2	6.05	30.1	6.60	32.1	7.04	36.2	7.61
	31	18.0	4.41	23.4	5.49	28.8	6.81	30.9	7.35	33.1	8.01	35.3	8.57	38.7	9.14
	33	19.9	5.27	25.5	6.66	31.2	8.10	33.6	8.75	36.2	9.44	38.6	10.07	41.2	10.75
	35	21.9	6.33	27.6	7.73	33.8	9.44	36.4	10.19	39.2	11.06	41.8	11.86	43.8	12.56
	37	21.9	6.73	27.6	8.24	33.8	10.09	36.4	10.91	39.2	11.84	41.8	12.72	43.8	13.40
	39	21.9	7.17	27.6	8.84	33.8	10.77	36.4	11.68	39.2	12.69	41.8	13.61	43.8	14.39
	41	21.9	7.67	27.6	9.42	33.8	11.53	36.4	12.48	39.2	13.54	41.8	14.56	43.8	15.43
	43	21.9	8.19	27.6	10.07	33.8	12.33	36.4	13.37	39.2	14.53	41.8	15.61	43.8	16.51
	46	21.9	9.09	27.6	11.13	33.8	13.63	36.1	14.69	37.6	15.38	39.0	15.98	40.1	16.52
	48	21.9	9.69	27.6	11.92	31.7	13.63	33.1	14.27	33.3	14.34	33.3	14.34	33.3	14.34

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM280LTE5

Cooling Capacity (28HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	21.6	3.50	33.8	4.38	42.7	5.20	44.1	5.37	45.8	5.54	49.1	5.90	69.4	8.41
	12	21.6	3.52	33.8	4.43	42.7	5.29	44.1	5.43	45.8	5.63	49.1	5.99	69.4	8.56
	14	21.6	3.52	33.8	4.48	42.7	5.34	44.1	5.54	45.8	5.69	49.1	6.07	69.4	8.75
	16	21.6	3.55	33.8	4.55	42.7	5.43	44.1	5.60	45.8	5.77	49.1	6.17	69.4	8.90
	18	21.6	3.57	33.8	4.61	42.7	5.52	44.1	5.69	45.8	5.90	49.1	6.26	69.4	9.10
	20	21.6	3.59	33.8	4.65	42.7	5.60	44.1	5.77	45.8	5.96	49.1	6.39	69.4	9.29
	21	24.2	4.11	36.6	5.48	46.0	6.82	47.8	7.10	49.6	7.36	52.9	7.87	72.0	10.67
	23	29.5	5.37	42.5	7.45	53.0	9.60	54.9	10.05	56.8	10.52	60.1	11.21	76.8	13.93
	25	34.8	7.07	48.3	9.74	59.6	12.75	61.6	13.39	63.8	14.11	66.9	15.04	80.9	18.21
	27	40.1	8.95	54.1	12.43	65.7	16.23	68.0	17.15	70.3	18.21	73.4	19.48	84.2	22.27
	29	45.3	11.15	59.9	15.54	71.6	20.25	74.0	21.55	76.5	23.14	78.5	24.14	86.6	26.14
	31	50.6	13.59	65.6	19.24	77.1	24.89	79.6	26.56	80.3	26.99	81.2	27.18	86.6	28.53
	33	55.9	16.51	71.4	23.55	81.7	29.57	81.8	29.59	82.1	29.64	82.5	29.73	85.2	30.47
	35	61.2	19.78	77.3	28.47	82.5	32.10	82.5	32.10	82.5	32.10	82.5	32.10	82.5	32.10
	37	61.2	21.35	76.4	30.53	77.2	31.22	77.2	31.22	77.2	31.22	77.2	31.22	77.2	31.22
	39	61.2	22.99	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44
	41	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02
	43	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92
	46	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31
120	10	19.9	3.42	31.2	4.16	39.4	4.91	40.8	5.05	42.2	5.18	45.3	5.49	64.1	7.66
	12	19.9	3.44	31.2	4.21	39.4	4.96	40.8	5.10	42.2	5.23	45.3	5.57	64.1	7.83
	14	19.9	3.46	31.2	4.26	39.4	5.02	40.8	5.16	42.2	5.32	45.3	5.63	64.1	7.98
	16	19.9	3.48	31.2	4.29	39.4	5.10	40.8	5.23	42.2	5.40	45.3	5.74	64.1	8.11
	18	19.9	3.48	31.2	4.33	39.4	5.16	40.8	5.29	42.2	5.49	45.3	5.84	64.1	8.30
	20	19.9	3.50	31.2	4.38	39.4	5.23	40.8	5.40	42.2	5.54	45.3	5.90	64.1	8.45
	21	22.4	3.93	33.8	5.07	42.5	6.28	44.3	6.62	46.0	6.87	49.0	7.28	66.7	9.73
	23	27.3	5.01	39.2	6.81	49.0	8.71	51.4	9.40	53.3	9.84	56.3	10.38	71.8	12.71
	25	32.1	6.44	44.6	8.83	55.3	11.54	58.3	12.58	60.3	13.19	63.2	13.94	76.4	16.54
	27	36.9	8.21	49.9	11.18	61.7	14.88	64.7	16.09	66.8	16.95	69.8	17.93	80.7	20.94
	29	41.8	10.11	55.3	13.87	68.1	18.81	70.8	20.03	73.1	21.30	75.9	22.73	84.6	25.55
	31	46.7	12.29	60.6	17.01	74.1	23.34	76.4	24.69	78.9	26.36	80.1	26.96	85.2	28.13
	33	51.6	14.81	66.0	20.79	79.2	27.98	81.5	29.52	81.6	29.54	82.0	29.63	84.4	30.25
	35	56.5	17.74	71.4	24.94	82.6	32.11	82.5	32.10	82.5	32.10	82.5	32.10	82.5	32.10
	37	56.5	19.02	71.4	27.09	77.2	31.22	77.2	31.22	77.2	31.22	77.2	31.22	77.2	31.22
	39	56.5	20.48	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44
	41	56.5	22.07	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02
	43	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92
	46	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31
110	10	18.2	3.38	28.5	3.94	36.1	4.61	37.4	4.70	38.7	4.83	41.5	5.10	58.8	6.99
	12	18.2	3.38	28.5	3.98	36.1	4.63	37.4	4.78	38.7	4.91	41.5	5.18	58.8	7.14
	14	18.2	3.38	28.5	4.01	36.1	4.68	37.4	4.83	38.7	4.96	41.5	5.23	58.8	7.24
	16	18.2	3.40	28.5	4.05	36.1	4.75	37.4	4.89	38.7	5.02	41.5	5.32	58.8	7.37
	18	18.2	3.42	28.5	4.09	36.1	4.81	37.4	4.96	38.7	5.10	41.5	5.40	58.8	7.54
	20	18.2	3.42	28.5	4.14	36.1	4.89	37.4	5.02	38.7	5.16	41.5	5.49	58.8	7.66
	21	20.5	3.77	31.0	4.71	39.0	5.78	40.6	6.05	42.4	6.36	45.3	6.80	61.4	8.87
	23	25.0	4.66	35.9	6.15	44.8	7.83	47.1	8.43	49.6	9.14	52.5	9.70	66.6	11.63
	25	29.4	5.87	40.8	7.96	50.7	10.27	53.7	11.25	56.8	12.35	59.5	12.95	71.6	14.87
	27	33.9	7.43	45.7	10.01	56.5	13.10	60.2	14.52	63.5	15.84	66.1	16.61	76.0	18.99
	29	38.3	9.14	50.6	12.31	62.4	16.40	66.7	18.37	69.7	19.76	72.3	20.82	80.2	23.26
	31	42.9	11.03	55.6	15.04	68.3	20.41	73.2	23.05	75.6	24.36	78.1	25.75	83.9	27.79
	33	47.3	13.27	60.5	18.22	74.2	24.99	78.6	27.71	81.1	29.30	81.4	29.52	83.7	30.06
	35	51.8	15.76	65.4	21.86	80.0	30.31	82.6	32.12	82.5	32.10	82.5	32.10	82.5	32.10
	37	51.8	16.93	65.4	23.57	77.2	31.22	77.2	31.22	77.2	31.22	77.2	31.22	77.2	31.22
	39	51.8	18.16	65.4	25.43	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44
	41	51.8	19.53	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02
	43	51.1	20.75	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92
	46	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31

7. Capacity Tables

Cooling Capacity (28HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	16.6	3.38	25.9	3.74	32.8	4.29	34.0	4.38	35.2	4.50	37.8	4.73	53.4	6.39
	12	16.6	3.38	25.9	3.78	32.8	4.33	34.0	4.46	35.2	4.55	37.8	4.81	53.4	6.47
	14	16.6	3.38	25.9	3.80	32.8	4.38	34.0	4.50	35.2	4.61	37.8	4.86	53.4	6.57
	16	16.6	3.38	25.9	3.84	32.8	4.43	34.0	4.55	35.2	4.68	37.8	4.91	53.4	6.70
	18	16.6	3.38	25.9	3.90	32.8	4.50	34.0	4.61	35.2	4.73	37.8	4.99	53.4	6.83
	20	16.6	3.38	25.9	3.92	32.8	4.55	34.0	4.68	35.2	4.78	37.8	5.07	53.4	6.93
	21	18.6	3.65	28.2	4.37	35.5	5.27	36.9	5.54	38.5	5.79	41.3	6.21	56.1	8.06
	23	22.7	4.35	32.7	5.54	40.8	7.06	42.9	7.55	45.1	8.13	48.3	8.78	61.6	10.67
	25	26.8	5.31	37.1	7.11	46.1	9.11	48.8	9.92	51.6	10.85	55.1	11.84	66.7	13.66
	27	30.8	6.63	41.6	8.89	51.4	11.52	54.7	12.68	58.3	14.02	62.1	15.41	71.4	17.20
	29	34.8	8.23	46.0	10.92	56.7	14.27	60.7	15.86	64.8	17.74	68.6	19.31	75.9	21.31
	31	38.9	9.87	50.5	13.24	62.1	17.59	66.5	19.66	71.4	22.17	74.5	23.74	79.8	25.50
	33	43.0	11.81	55.0	15.93	67.4	21.44	72.5	24.18	77.7	27.28	79.9	28.55	83.2	29.89
	35	47.1	14.01	59.5	19.02	72.7	25.75	78.4	29.23	82.7	32.13	82.5	32.10	82.5	32.10
	37	47.1	14.98	59.5	20.48	72.7	27.96	77.0	31.03	77.2	31.22	77.2	31.22	77.2	31.22
	39	47.1	16.10	59.5	22.00	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44
	41	47.1	17.23	58.9	23.51	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02
	43	47.1	18.56	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92
	46	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31
90	10	14.9	3.38	23.4	3.59	29.5	4.01	30.6	4.09	31.7	4.21	34.0	4.38	48.1	5.77
	12	14.9	3.38	23.4	3.59	29.5	4.05	30.6	4.14	31.7	4.26	34.0	4.46	48.1	5.87
	14	14.9	3.38	23.4	3.61	29.5	4.09	30.6	4.21	31.7	4.29	34.0	4.50	48.1	5.96
	16	14.9	3.38	23.4	3.63	29.5	4.14	30.6	4.23	31.7	4.33	34.0	4.55	48.1	6.04
	18	14.9	3.38	23.4	3.65	29.5	4.18	30.6	4.29	31.7	4.38	34.0	4.61	48.1	6.17
	20	14.9	3.38	23.4	3.69	29.5	4.23	30.6	4.33	31.7	4.46	34.0	4.68	48.1	6.26
	21	16.8	3.58	25.4	4.06	31.9	4.80	33.2	5.01	34.7	5.26	37.1	5.60	50.5	7.18
	23	20.5	4.11	29.4	4.97	36.7	6.22	38.5	6.73	40.6	7.20	43.4	7.75	55.4	9.32
	25	24.1	4.87	33.4	6.23	41.5	8.03	43.9	8.70	46.5	9.47	49.7	10.27	60.3	11.89
	27	27.7	5.90	37.4	7.88	46.2	10.07	49.2	10.99	52.4	12.10	56.0	13.17	65.2	14.91
	29	31.4	7.33	41.5	9.58	51.1	12.41	54.6	13.68	58.3	15.14	62.2	16.62	70.1	18.76
	31	35.0	8.80	45.5	11.56	55.8	15.09	59.9	16.77	64.2	18.69	68.4	20.65	75.0	23.08
	33	38.7	10.48	49.5	13.89	60.7	18.34	65.3	20.45	70.2	22.97	74.7	25.50	79.5	27.65
	35	42.4	12.32	53.5	16.45	65.4	21.86	70.5	24.53	76.1	27.76	81.0	30.96	82.7	32.13
	37	42.4	13.20	53.5	17.71	65.4	23.57	70.5	26.53	75.7	30.04	77.2	31.22	77.2	31.22
	39	42.4	14.13	53.5	18.98	65.4	25.51	68.3	27.44	68.3	27.44	68.3	27.44	68.3	27.44
	41	42.4	15.15	53.5	20.41	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02
	43	42.4	16.24	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92
	46	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31
80	10	13.3	3.38	20.8	3.46	26.2	3.74	27.2	3.82	28.2	3.90	30.3	4.07	42.7	5.23
	12	13.3	3.38	20.8	3.48	26.2	3.78	27.2	3.84	28.2	3.94	30.3	4.12	42.7	5.29
	14	13.3	3.38	20.8	3.50	26.2	3.82	27.2	3.90	28.2	3.98	30.3	4.16	42.7	5.37
	16	13.3	3.38	20.8	3.50	26.2	3.84	27.2	3.94	28.2	4.03	30.3	4.21	42.7	5.43
	18	13.3	3.38	20.8	3.52	26.2	3.90	27.2	3.98	28.2	4.05	30.3	4.26	42.7	5.54
	20	13.3	3.38	20.8	3.55	26.2	3.94	27.2	4.03	28.2	4.12	30.3	4.31	42.7	5.60
	21	14.9	3.52	22.6	3.81	28.4	4.37	29.6	4.55	30.8	4.74	33.0	5.02	44.8	6.32
	23	18.2	3.89	26.1	4.51	32.6	5.47	34.3	5.85	36.1	6.30	38.5	6.79	49.2	8.09
	25	21.4	4.45	29.7	5.48	36.9	6.96	39.0	7.57	41.3	8.21	44.1	8.85	53.6	10.18
	27	24.7	5.25	33.3	6.80	41.1	8.72	43.8	9.49	46.6	10.34	49.7	11.21	57.9	12.61
	29	27.9	6.40	36.9	8.39	45.4	10.64	48.5	11.69	51.8	12.84	55.3	13.99	62.3	15.55
	31	31.1	7.81	40.4	10.05	49.7	12.89	53.2	14.21	57.1	15.73	60.9	17.22	66.7	19.13
	33	34.4	9.20	43.9	11.98	53.9	15.53	58.0	17.16	62.3	19.17	66.5	21.08	71.0	22.94
	35	37.6	10.77	47.6	14.19	58.1	18.46	62.7	20.55	67.6	22.92	71.9	25.34	75.4	27.33
	37	37.6	11.57	47.6	15.16	58.1	19.84	62.7	22.12	67.6	24.85	71.9	27.45	75.3	29.67
	39	37.6	12.33	47.6	16.30	58.1	21.38	62.7	23.87	67.1	26.62	68.3	27.44	68.3	27.44
	41	37.6	13.21	47.6	17.50	58.1	23.02	59.7	24.02	59.7	24.02	59.7	24.02	59.7	24.02
	43	37.6	14.14	47.6	18.83	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92
	46	37.6	15.76	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31

7. Capacity Tables

Cooling Capacity (28HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	11.6	3.38	18.2	3.38	22.9	3.57	23.8	3.59	24.7	3.63	26.4	3.78	37.4	4.70
	12	11.6	3.38	18.2	3.38	22.9	3.57	23.8	3.61	24.7	3.65	26.4	3.80	37.4	4.78
	14	11.6	3.38	18.2	3.38	22.9	3.59	23.8	3.63	24.7	3.69	26.4	3.84	37.4	4.83
	16	11.6	3.38	18.2	3.40	22.9	3.61	23.8	3.65	24.7	3.74	26.4	3.90	37.4	4.89
	18	11.6	3.38	18.2	3.40	22.9	3.63	23.8	3.69	24.7	3.78	26.4	3.92	37.4	4.96
	20	11.6	3.38	18.2	3.42	22.9	3.65	23.8	3.74	24.7	3.80	26.4	3.96	37.4	5.02
	21	13.1	3.46	19.8	3.60	24.8	3.97	25.9	4.12	27.0	4.27	28.9	4.49	39.2	5.54
	23	15.9	3.69	22.9	4.11	28.5	4.80	30.0	5.08	31.5	5.44	33.8	5.83	43.1	6.90
	25	18.7	4.08	26.0	4.82	32.2	5.92	34.1	6.42	36.2	6.98	38.7	7.57	46.9	8.66
	27	21.5	4.67	29.1	5.84	36.0	7.42	38.3	8.11	40.8	8.79	43.5	9.48	50.7	10.57
	29	24.5	5.54	32.2	7.23	39.7	9.10	42.5	9.89	45.3	10.82	48.3	11.69	54.6	12.84
	31	27.3	6.79	35.4	8.69	43.4	10.92	46.6	11.95	50.0	13.12	53.2	14.27	58.3	15.65
	33	30.1	8.05	38.5	10.28	47.2	13.05	50.7	14.33	54.6	15.82	58.1	17.25	62.1	18.71
	35	32.9	9.37	41.6	12.05	50.9	15.45	54.9	17.08	59.2	18.94	63.0	20.63	66.0	22.14
	37	32.9	10.02	41.6	12.92	50.9	16.60	54.9	18.31	59.2	20.34	63.0	22.26	66.0	23.89
	39	32.9	10.69	41.6	13.83	50.9	17.81	54.9	19.69	59.2	21.90	63.0	24.02	66.0	25.84
	41	32.9	11.45	41.6	14.84	50.9	19.16	54.9	21.21	58.7	23.35	59.7	24.02	59.7	24.02
	43	32.9	12.29	41.6	15.91	50.6	20.44	51.5	20.92	51.5	20.92	51.5	20.92	51.5	20.92
	46	32.9	13.61	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31
60	10	10.0	3.38	15.6	3.38	19.6	3.42	20.4	3.44	21.2	3.48	22.7	3.55	32.0	4.21
	12	10.0	3.38	15.6	3.38	19.6	3.44	20.4	3.46	21.2	3.50	22.7	3.57	32.0	4.26
	14	10.0	3.38	15.6	3.38	19.6	3.44	20.4	3.48	21.2	3.50	22.7	3.59	32.0	4.33
	16	10.0	3.38	15.6	3.38	19.6	3.46	20.4	3.50	21.2	3.52	22.7	3.59	32.0	4.38
	18	10.0	3.38	15.6	3.38	19.6	3.48	20.4	3.50	21.2	3.55	22.7	3.61	32.0	4.43
	20	10.0	3.38	15.6	3.38	19.6	3.50	20.4	3.52	21.2	3.57	22.7	3.63	32.0	4.48
	21	11.2	3.41	17.0	3.49	21.3	3.71	22.2	3.78	23.1	3.88	24.7	4.00	33.6	4.84
	23	13.6	3.51	19.6	3.81	24.5	4.27	25.7	4.47	27.1	4.70	28.9	4.95	36.9	5.80
	25	16.1	3.76	22.2	4.29	27.7	5.07	29.2	5.42	31.0	5.82	33.1	6.26	40.2	7.12
	27	18.5	4.16	25.0	5.01	30.8	6.18	32.9	6.72	35.0	7.34	37.3	7.93	43.4	8.79
	29	21.0	4.79	27.6	6.03	34.1	7.65	36.4	8.30	38.9	8.97	41.5	9.69	46.7	10.56
	31	23.3	5.71	30.3	7.41	37.3	9.15	39.9	9.92	42.9	10.82	45.7	11.70	50.0	12.63
	33	25.8	6.96	32.9	8.73	40.4	10.83	43.5	11.83	46.7	12.94	49.8	14.03	53.2	15.14
	35	28.2	8.05	35.7	10.16	43.6	12.80	47.1	14.01	50.7	15.39	53.9	16.70	56.5	17.74
	37	28.2	8.56	35.7	10.89	43.6	13.71	47.1	14.98	50.7	16.48	53.9	17.86	56.5	19.02
	39	28.2	9.16	35.7	11.65	43.6	14.66	47.1	16.10	50.7	17.68	53.9	19.21	56.5	20.49
	41	28.2	9.84	35.7	12.50	43.6	15.67	47.1	17.23	50.7	19.03	53.9	20.70	56.5	22.14
	43	28.2	10.51	35.7	13.35	43.6	16.84	47.1	18.56	50.5	20.37	51.5	20.92	51.5	20.92
	46	28.2	11.66	35.7	14.80	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78	39.6	16.78
	48	28.2	12.46	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31
50	10	8.3	3.38	13.0	3.38	16.4	3.38	17.0	3.38	17.6	3.38	18.9	3.38	26.7	3.78
	12	8.3	3.38	13.0	3.38	16.4	3.38	17.0	3.38	17.6	3.38	18.9	3.40	26.7	3.82
	14	8.3	3.38	13.0	3.38	16.4	3.38	17.0	3.38	17.6	3.38	18.9	3.42	26.7	3.84
	16	8.3	3.38	13.0	3.38	16.4	3.38	17.0	3.38	17.6	3.38	18.9	3.42	26.7	3.90
	18	8.3	3.38	13.0	3.38	16.4	3.38	17.0	3.38	17.6	3.38	18.9	3.44	26.7	3.94
	20	8.3	3.38	13.0	3.38	16.4	3.38	17.0	3.38	17.6	3.40	18.9	3.46	26.7	3.98
	21	9.3	3.36	14.1	3.42	17.7	3.50	18.5	3.54	19.3	3.60	20.6	3.69	28.0	4.21
	23	11.4	3.38	16.3	3.57	20.3	3.83	21.4	3.95	22.6	4.11	24.1	4.30	30.8	4.84
	25	13.3	3.48	18.6	3.85	23.1	4.35	24.4	4.60	25.9	4.86	27.6	5.17	33.5	5.76
	27	15.4	3.71	20.8	4.31	25.7	5.09	27.3	5.47	29.1	5.91	31.1	6.36	36.2	7.00
	29	17.5	4.14	23.1	5.01	28.4	6.17	30.3	6.71	32.4	7.36	34.5	7.91	39.0	8.52
	31	19.4	4.79	25.2	6.04	31.0	7.58	33.3	8.16	35.7	8.82	38.0	9.44	41.7	10.09
	33	21.5	5.79	27.5	7.30	33.7	8.87	36.2	9.63	39.0	10.41	41.5	11.21	44.4	11.96
	35	23.5	6.85	29.7	8.44	36.4	10.41	39.2	11.29	42.3	12.31	45.0	13.27	47.1	14.01
	37	23.5	7.28	29.7	8.98	36.4	11.11	39.2	12.07	42.3	13.20	45.0	14.19	47.1	14.98
	39	23.5	7.78	29.7	9.66	36.4	11.93	39.2	12.94	42.3	14.12	45.0	15.22	47.1	16.10
	41	23.5	8.31	29.7	10.32	36.4	12.74	39.2	13.86	42.3	15.09	45.0	16.31	47.1	17.29
	43	23.5	8.91	29.7	11.01	36.4	13.65	39.2	14.87	42.3	16.23	45.0	17.51	47.1	18.61
	46	23.5	9.85	29.7	12.24	36.4	15.17	38.9	16.42	39.6	16.78	39.6	16.78	39.6	16.78
	48	23.5	10.53	29.7	13.08	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31	32.3	14.31

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM300LTE5

Cooling Capacity (30HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	23.2	4.33	36.2	4.84	45.7	5.61	47.3	5.75	49.0	5.91	52.6	6.27	74.3	8.57
	12	23.2	4.33	36.2	4.87	45.7	5.69	47.3	5.82	49.0	5.98	52.6	6.34	74.3	8.70
	14	23.2	4.33	36.2	4.93	45.7	5.75	47.3	5.91	49.0	6.06	52.6	6.44	74.3	8.87
	16	23.2	4.33	36.2	4.99	45.7	5.82	47.3	5.98	49.0	6.12	52.6	6.51	74.3	9.00
	18	23.2	4.33	36.2	5.06	45.7	5.89	47.3	6.06	49.0	6.22	52.6	6.59	74.3	9.18
	20	23.2	4.33	36.2	5.08	45.7	5.98	47.3	6.12	49.0	6.34	52.6	6.69	74.3	9.31
	21	26.0	4.74	39.3	5.76	49.3	7.02	51.5	7.34	53.7	7.77	57.5	8.31	78.2	10.93
	23	31.6	5.77	45.5	7.45	56.8	9.49	59.7	10.22	62.8	11.06	67.2	12.06	85.7	14.84
	25	37.3	7.18	51.7	9.57	64.2	12.43	68.0	13.60	72.0	14.97	76.8	16.49	93.0	19.57
	27	43.0	8.88	58.0	12.02	71.6	15.80	76.2	17.55	81.1	19.62	86.5	21.84	99.8	24.81
	29	48.5	11.00	64.2	14.82	79.0	19.87	84.5	22.28	90.3	25.22	95.2	27.46	106.1	30.57
	31	54.2	13.23	70.3	18.12	86.5	24.61	92.7	27.87	97.4	30.16	101.7	32.16	110.0	35.04
	33	59.9	15.89	76.5	21.98	93.5	29.88	97.9	31.98	102.6	34.39	107.0	36.88	112.9	39.68
	35	65.5	18.93	82.8	26.27	96.9	33.13	101.6	35.77	106.7	38.83	108.4	39.95	108.4	39.95
	37	65.5	20.32	81.9	27.78	93.0	33.29	96.9	35.66	96.9	35.66	96.9	35.66	96.9	35.66
	39	65.5	21.88	78.2	27.64	85.8	31.68	85.8	31.68	85.8	31.68	85.8	31.68	85.8	31.68
	41	64.2	22.75	74.6	27.64	75.1	27.91	75.1	27.91	75.1	27.91	75.1	27.91	75.1	27.91
	43	60.8	22.62	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56
	46	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84
	48	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02
120	10	21.3	4.33	33.4	4.61	42.2	5.33	43.7	5.46	45.3	5.59	48.5	5.89	68.7	7.91
	12	21.3	4.33	33.4	4.66	42.2	5.39	43.7	5.52	45.3	5.66	48.5	5.95	68.7	8.03
	14	21.3	4.33	33.4	4.73	42.2	5.46	43.7	5.59	45.3	5.73	48.5	6.03	68.7	8.15
	16	21.3	4.33	33.4	4.73	42.2	5.52	43.7	5.61	45.3	5.82	48.5	6.12	68.7	8.31
	18	21.3	4.33	33.4	4.79	42.2	5.55	43.7	5.69	45.3	5.85	48.5	6.19	68.7	8.43
	20	21.3	4.33	33.4	4.84	42.2	5.61	43.7	5.78	45.3	5.91	48.5	6.27	68.7	8.61
	21	24.0	4.65	36.3	5.41	45.5	6.49	47.5	6.82	49.5	7.13	53.0	7.65	72.2	9.98
	23	29.2	5.50	42.0	6.86	52.5	8.64	55.1	9.29	58.0	10.02	62.0	10.83	79.2	13.18
	25	34.4	6.68	47.7	8.68	59.3	11.22	62.7	12.22	66.4	13.37	71.0	14.66	86.2	17.32
	27	39.6	8.20	53.5	10.92	66.1	14.16	70.3	15.60	74.8	17.30	79.9	19.07	93.2	22.14
	29	44.8	10.06	59.2	13.39	73.0	17.61	78.0	19.63	83.3	22.01	88.8	24.50	100.2	28.02
	31	50.0	12.10	65.0	16.23	79.8	21.71	85.5	24.34	91.8	27.58	96.3	29.64	104.1	32.05
	33	55.3	14.42	70.7	19.58	86.7	26.44	93.0	29.72	97.3	31.71	101.4	33.75	106.9	36.00
	35	60.5	17.11	76.5	23.37	92.2	30.91	96.6	33.00	101.3	35.62	105.5	38.04	108.4	39.95
	37	60.5	18.35	76.5	25.16	88.3	30.81	92.7	33.15	96.9	35.66	96.9	35.66	96.9	35.66
	39	60.5	19.71	74.4	25.82	84.6	30.97	85.8	31.68	85.8	31.68	85.8	31.68	85.8	31.68
	41	60.5	21.09	70.8	25.70	75.1	27.91	75.1	27.91	75.1	27.91	75.1	27.91	75.1	27.91
	43	57.8	21.25	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56
	46	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84
	48	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02
110	10	19.5	4.33	30.6	4.46	38.7	5.06	40.0	5.14	41.5	5.26	44.5	5.52	62.9	7.30
	12	19.5	4.33	30.6	4.48	38.7	5.06	40.0	5.20	41.5	5.33	44.5	5.59	62.9	7.42
	14	19.5	4.33	30.6	4.48	38.7	5.12	40.0	5.26	41.5	5.39	44.5	5.66	62.9	7.50
	16	19.5	4.33	30.6	4.53	38.7	5.17	40.0	5.33	41.5	5.46	44.5	5.73	62.9	7.61
	18	19.5	4.33	30.6	4.55	38.7	5.24	40.0	5.39	41.5	5.52	44.5	5.78	62.9	7.77
	20	19.5	4.33	30.6	4.61	38.7	5.33	40.0	5.46	41.5	5.55	44.5	5.85	62.9	7.86
	21	22.0	4.58	33.2	5.07	41.8	6.07	43.5	6.32	45.4	6.58	48.7	7.01	66.1	9.02
	23	26.7	5.25	38.5	6.26	48.0	7.82	50.5	8.39	53.2	9.06	56.8	9.76	72.5	11.78
	25	31.5	6.22	43.8	7.84	54.3	10.06	57.5	10.93	60.9	11.91	65.0	12.96	79.0	15.11
	27	36.3	7.50	49.0	9.80	60.6	12.64	64.5	13.86	68.7	15.25	73.2	16.70	85.3	19.22
	29	41.1	9.10	54.3	11.97	66.8	15.57	71.5	17.25	76.4	19.16	81.5	21.12	91.8	24.04
	31	45.9	10.99	59.5	14.46	73.2	19.12	78.5	21.29	84.2	23.86	89.7	26.41	98.1	29.49
	33	50.7	13.00	64.8	17.37	79.5	23.15	85.5	25.95	91.9	29.17	95.8	31.08	100.9	32.90
	35	55.5	15.38	70.0	20.75	85.7	27.70	91.5	30.65	95.9	32.71	99.7	34.65	102.7	36.37
	37	55.5	16.46	70.0	22.23	83.6	28.52	87.6	30.53	92.0	32.73	95.8	35.03	96.9	35.66
	39	55.5	17.67	70.0	23.90	79.9	28.42	83.9	30.56	85.8	31.68	85.8	31.68	85.8	31.68
	41	55.5	18.93	66.9	23.90	75.1	27.91	75.1	27.91	75.1	27.91	75.1	27.91	75.1	27.91
	43	54.8	19.96	63.5	23.83	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56
	46	49.8	19.72	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84
	48	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02

7. Capacity Tables

Cooling Capacity (30HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	17.8	4.33	27.8	4.37	35.2	4.73	36.4	4.84	37.7	4.97	40.5	5.17	57.2	6.69
	12	17.8	4.33	27.8	4.39	35.2	4.79	36.4	4.91	37.7	4.99	40.5	5.24	57.2	6.81
	14	17.8	4.33	27.8	4.39	35.2	4.84	36.4	4.93	37.7	5.06	40.5	5.30	57.2	6.88
	16	17.8	4.33	27.8	4.41	35.2	4.91	36.4	4.99	37.7	5.12	40.5	5.33	57.2	6.99
	18	17.8	4.33	27.8	4.44	35.2	4.93	36.4	5.06	37.7	5.17	40.5	5.39	57.2	7.10
	20	17.8	4.33	27.8	4.44	35.2	4.99	36.4	5.12	37.7	5.20	40.5	5.48	57.2	7.18
	21	20.0	4.50	30.2	4.80	38.0	5.58	39.5	5.83	41.3	6.04	44.2	6.45	60.1	8.13
	23	24.3	5.01	35.0	5.77	43.7	7.07	46.0	7.56	48.3	8.10	51.7	8.74	66.0	10.45
	25	28.7	5.77	39.8	7.09	49.4	8.94	52.3	9.72	55.3	10.58	59.1	11.45	71.8	13.21
	27	33.0	6.84	44.5	8.73	55.1	11.21	58.6	12.26	62.4	13.41	66.5	14.63	77.6	16.59
	29	37.3	8.23	49.3	10.70	60.8	13.74	65.0	15.12	69.5	16.72	74.0	18.31	83.5	20.56
	31	41.7	9.93	54.1	12.91	66.5	16.71	71.3	18.47	76.5	20.58	81.5	22.66	89.3	25.16
	33	46.0	11.69	58.9	15.35	72.2	20.14	77.7	22.44	83.5	25.11	89.0	27.66	94.9	30.10
	35	50.5	13.72	63.7	18.21	77.9	24.00	84.0	26.82	90.4	30.06	93.9	31.69	96.7	33.11
	37	50.5	14.74	63.7	19.64	77.9	25.84	82.6	28.14	86.5	29.91	90.0	31.74	92.8	33.27
	39	50.5	15.79	63.7	21.02	75.2	26.18	78.9	27.91	82.8	30.00	85.8	31.68	85.8	31.68
	41	50.5	16.90	63.1	22.22	71.6	26.09	75.1	27.91	75.1	27.91	75.1	27.91	75.1	27.91
	43	50.5	18.14	59.7	22.05	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56
	46	46.8	18.40	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84
	48	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02
90	10	16.0	4.33	25.0	4.33	31.6	4.48	32.8	4.59	34.0	4.66	36.5	4.84	51.5	6.12
	12	16.0	4.33	25.0	4.33	31.6	4.53	32.8	4.61	34.0	4.73	36.5	4.91	51.5	6.22
	14	16.0	4.33	25.0	4.33	31.6	4.55	32.8	4.66	34.0	4.73	36.5	4.93	51.5	6.30
	16	16.0	4.33	25.0	4.33	31.6	4.61	32.8	4.66	34.0	4.79	36.5	4.99	51.5	6.36
	18	16.0	4.33	25.0	4.33	31.6	4.66	32.8	4.73	34.0	4.84	36.5	5.06	51.5	6.51
	20	16.0	4.33	25.0	4.35	31.6	4.66	32.8	4.79	34.0	4.87	36.5	5.12	51.5	6.59
	21	18.0	4.45	27.2	4.62	34.2	5.13	35.6	5.34	37.2	5.54	39.8	5.88	54.1	7.35
	23	21.9	4.81	31.5	5.35	39.3	6.35	41.3	6.77	43.5	7.23	46.5	7.74	59.3	9.19
	25	25.8	5.38	35.8	6.40	44.5	7.90	47.0	8.57	49.8	9.31	53.2	10.07	64.6	11.54
	27	29.7	6.22	40.1	7.79	49.5	9.85	52.8	10.75	56.2	11.74	60.0	12.68	69.8	14.23
	29	33.7	7.43	44.4	9.48	54.7	12.07	58.5	13.18	62.5	14.47	66.7	15.73	75.1	17.48
	31	37.5	8.84	48.7	11.37	59.8	14.50	64.2	15.98	68.8	17.66	73.3	19.32	80.3	21.30
	33	41.5	10.45	53.0	13.57	65.0	17.51	69.9	19.34	75.2	21.43	80.0	23.50	85.6	25.58
	35	45.4	12.17	57.3	15.97	70.1	20.75	75.6	23.00	81.5	25.67	86.8	28.21	90.6	30.18
	37	45.4	13.05	57.3	17.15	70.1	22.23	75.6	24.71	81.1	27.43	84.3	28.88	86.7	30.02
	39	45.4	14.03	57.3	18.39	70.1	23.91	73.9	25.59	77.4	27.26	80.6	28.80	83.0	30.02
	41	45.4	15.04	57.3	19.70	67.0	23.90	70.3	25.46	73.8	27.24	75.1	27.91	75.1	27.91
	43	45.4	16.13	55.9	20.48	63.6	23.83	64.9	24.56	64.9	24.56	64.9	24.56	64.9	24.56
	46	43.7	17.16	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84
	48	40.7	16.92	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02
80	10	14.2	4.33	22.3	4.33	28.1	4.37	29.2	4.41	30.2	4.44	32.4	4.53	45.8	5.61
	12	14.2	4.33	22.3	4.33	28.1	4.39	29.2	4.41	30.2	4.46	32.4	4.59	45.8	5.69
	14	14.2	4.33	22.3	4.33	28.1	4.41	29.2	4.44	30.2	4.48	32.4	4.61	45.8	5.75
	16	14.2	4.33	22.3	4.33	28.1	4.41	29.2	4.46	30.2	4.50	32.4	4.66	45.8	5.82
	18	14.2	4.33	22.3	4.33	28.1	4.44	29.2	4.48	30.2	4.53	32.4	4.73	45.8	5.91
	20	14.2	4.33	22.3	4.33	28.1	4.46	29.2	4.50	30.2	4.55	32.4	4.75	45.8	5.98
	21	16.0	4.39	24.2	4.52	30.4	4.80	31.7	4.92	33.0	5.06	35.3	5.34	48.1	6.57
	23	19.5	4.62	28.0	5.05	35.0	5.69	36.7	6.00	38.7	6.41	41.3	6.84	52.8	8.08
	25	23.0	5.02	31.8	5.81	39.5	6.95	41.8	7.48	44.3	8.10	47.3	8.73	57.5	9.96
	27	26.4	5.65	35.7	6.91	44.0	8.52	46.9	9.28	49.9	10.12	53.3	10.93	62.1	12.21
	29	29.9	6.57	39.5	8.34	48.7	10.49	52.0	11.42	55.5	12.44	59.2	13.44	66.8	14.82
	31	33.3	7.84	43.3	10.02	53.2	12.55	57.0	13.76	61.2	15.09	65.2	16.38	71.5	17.97
	33	36.8	9.27	47.1	11.81	57.8	15.02	62.2	16.51	66.8	18.19	71.2	19.84	76.1	21.43
	35	40.3	10.75	51.0	13.87	62.3	17.80	67.2	19.64	72.5	21.69	77.1	23.72	80.8	25.30
	37	40.3	11.54	51.0	14.89	62.3	19.08	67.2	21.02	72.5	23.30	77.1	25.45	80.7	27.21
	39	40.3	12.35	51.0	15.95	62.3	20.48	67.2	22.61	72.0	24.78	74.8	26.04	77.0	27.02
	41	40.3	13.23	51.0	17.13	62.3	21.89	65.2	23.11	68.4	24.50	71.2	25.84	73.4	26.98
	43	40.3	14.23	51.0	18.38	58.9	21.71	61.8	23.09	64.9	24.56	64.9	24.56	64.9	24.56
	46	40.3	15.79	47.1	18.51	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84
	48	37.7	15.69	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02

7. Capacity Tables

Cooling Capacity (30HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	12.5	4.33	19.5	4.33	24.6	4.33	25.5	4.33	26.4	4.33	28.3	4.39	40.0	5.14
	12	12.5	4.33	19.5	4.33	24.6	4.33	25.5	4.33	26.4	4.33	28.3	4.39	40.0	5.20
	14	12.5	4.33	19.5	4.33	24.6	4.33	25.5	4.33	26.4	4.35	28.3	4.41	40.0	5.26
	16	12.5	4.33	19.5	4.33	24.6	4.33	25.5	4.33	26.4	4.37	28.3	4.44	40.0	5.33
	18	12.5	4.33	19.5	4.33	24.6	4.33	25.5	4.35	26.4	4.39	28.3	4.44	40.0	5.39
	20	12.5	4.33	19.5	4.33	24.6	4.33	25.5	4.37	26.4	4.39	28.3	4.46	40.0	5.46
	21	14.0	4.35	21.2	4.43	26.6	4.56	27.7	4.67	28.9	4.76	31.0	4.88	42.0	5.88
	23	17.0	4.45	24.5	4.78	30.5	5.22	32.2	5.45	33.8	5.72	36.2	6.00	46.2	6.98
	25	20.0	4.71	27.8	5.31	34.5	6.14	36.6	6.56	38.7	7.01	41.4	7.49	50.2	8.49
	27	23.1	5.14	31.2	6.11	38.5	7.41	41.0	8.01	43.7	8.63	46.6	9.30	54.3	10.36
	29	26.2	5.84	34.5	7.28	42.5	8.99	45.5	9.78	48.6	10.65	51.8	11.43	58.4	12.49
	31	29.2	6.86	37.9	8.70	46.5	10.81	50.0	11.72	53.5	12.77	57.0	13.79	62.5	15.00
	33	32.2	8.17	41.2	10.29	50.5	12.77	54.3	13.96	58.5	15.30	62.3	16.55	66.5	17.86
	35	35.3	9.41	44.5	11.98	54.5	15.09	58.8	16.49	63.4	18.19	67.5	19.66	70.7	20.98
	37	35.3	10.10	44.5	12.84	54.5	16.15	58.8	17.70	63.4	19.48	67.5	21.17	70.7	22.50
	39	35.3	10.75	44.5	13.74	54.5	17.33	58.8	18.97	63.4	20.90	67.5	22.69	70.7	24.17
	41	35.3	11.56	44.5	14.74	54.5	18.59	58.8	20.45	62.9	22.20	65.4	23.21	67.3	24.03
	43	35.3	12.41	44.5	15.81	54.2	19.75	56.8	20.82	59.5	22.04	62.0	23.10	63.9	24.06
	46	35.3	13.82	43.2	16.96	49.2	19.49	50.1	19.84	50.1	19.84	50.1	19.84	50.1	19.84
	48	34.7	14.53	40.2	16.72	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02
60	10	10.7	4.33	16.7	4.33	21.0	4.33	21.8	4.33	22.7	4.33	24.3	4.33	34.3	4.66
	12	10.7	4.33	16.7	4.33	21.0	4.33	21.8	4.33	22.7	4.33	24.3	4.33	34.3	4.73
	14	10.7	4.33	16.7	4.33	21.0	4.33	21.8	4.33	22.7	4.33	24.3	4.33	34.3	4.79
	16	10.7	4.33	16.7	4.33	21.0	4.33	21.8	4.33	22.7	4.33	24.3	4.33	34.3	4.81
	18	10.7	4.33	16.7	4.33	21.0	4.33	21.8	4.33	22.7	4.33	24.3	4.33	34.3	4.87
	20	10.7	4.33	16.7	4.33	21.0	4.33	21.8	4.33	22.7	4.33	24.3	4.33	34.3	4.93
	21	12.0	4.31	18.2	4.37	22.8	4.46	23.7	4.50	24.8	4.56	26.5	4.61	36.0	5.22
	23	14.6	4.30	21.0	4.55	26.2	4.87	27.5	5.01	29.0	5.20	31.0	5.36	39.5	5.98
	25	17.2	4.42	23.8	4.88	29.7	5.48	31.3	5.77	33.2	6.10	35.5	6.44	43.0	7.12
	27	19.8	4.68	26.7	5.43	33.0	6.38	35.2	6.84	37.5	7.35	40.0	7.86	46.5	8.59
	29	22.5	5.17	29.6	6.26	36.5	7.64	39.0	8.23	41.7	8.89	44.5	9.59	50.0	10.39
	31	25.0	5.91	32.5	7.43	39.9	9.15	42.8	9.93	45.9	10.75	48.9	11.50	53.5	12.35
	33	27.7	7.00	35.3	8.82	43.3	10.78	46.6	11.69	50.1	12.71	53.3	13.68	57.0	14.62
	35	30.3	8.16	38.2	10.19	46.7	12.62	50.4	13.72	54.3	15.00	57.8	16.18	60.5	17.12
	37	30.3	8.74	38.2	10.92	46.7	13.52	50.4	14.74	54.3	16.08	57.8	17.31	60.5	18.36
	39	30.3	9.32	38.2	11.73	46.7	14.45	50.4	15.79	54.3	17.27	57.8	18.57	60.5	19.71
	41	30.3	10.05	38.2	12.57	46.7	15.51	50.4	16.90	54.3	18.52	57.8	19.94	60.5	21.15
	43	30.3	10.71	38.2	13.48	46.7	16.68	50.4	18.14	54.1	19.74	56.2	20.59	57.8	21.26
	46	30.3	11.94	38.2	14.88	44.5	17.47	46.7	18.40	49.1	19.39	50.1	19.84	50.1	19.84
	48	30.3	12.82	36.4	15.20	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02	40.9	17.02
50	10	8.9	4.33	13.9	4.33	17.5	4.33	18.2	4.33	18.8	4.33	20.2	4.33	28.6	4.39
	12	8.9	4.33	13.9	4.33	17.5	4.33	18.2	4.33	18.8	4.33	20.2	4.33	28.6	4.41
	14	8.9	4.33	13.9	4.33	17.5	4.33	18.2	4.33	18.8	4.33	20.2	4.33	28.6	4.41
	16	8.9	4.33	13.9	4.33	17.5	4.33	18.2	4.33	18.8	4.33	20.2	4.33	28.6	4.44
	18	8.9	4.33	13.9	4.33	17.5	4.33	18.2	4.33	18.8	4.33	20.2	4.33	28.6	4.46
	20	8.9	4.33	13.9	4.33	17.5	4.33	18.2	4.33	18.8	4.33	20.2	4.33	28.6	4.48
	21	10.0	4.27	15.1	4.31	19.0	4.37	19.8	4.41	20.7	4.45	22.1	4.48	30.0	4.64
	23	12.2	4.19	17.5	4.35	21.8	4.57	23.0	4.68	24.2	4.80	25.8	4.92	33.0	5.13
	25	14.3	4.18	19.9	4.51	24.7	4.93	26.2	5.13	27.7	5.36	29.5	5.58	35.9	5.90
	27	16.5	4.29	22.3	4.83	27.5	5.49	29.3	5.83	31.2	6.20	33.3	6.55	38.8	6.96
	29	18.7	4.57	24.7	5.36	30.4	6.38	32.5	6.83	34.7	7.39	37.0	7.87	41.7	8.34
	31	20.8	5.06	27.0	6.21	33.2	7.56	35.7	8.16	38.2	8.83	40.7	9.48	44.7	10.03
	33	23.0	5.87	29.5	7.36	36.1	8.98	38.8	9.69	41.8	10.41	44.5	11.13	47.5	11.76
	35	25.2	6.95	31.8	8.51	39.0	10.37	42.0	11.20	45.3	12.17	48.2	13.05	50.5	13.73
	37	25.2	7.43	31.8	9.13	39.0	11.11	42.0	12.01	45.3	13.04	48.2	13.96	50.5	14.74
	39	25.2	8.01	31.8	9.79	39.0	11.93	42.0	12.88	45.3	13.95	48.2	15.04	50.5	15.79
	41	25.2	8.57	31.8	10.51	39.0	12.79	42.0	13.86	45.3	14.98	48.2	16.05	50.5	16.97
	43	25.2	9.23	31.8	11.26	39.0	13.70	42.0	14.81	45.3	16.05	48.2	17.24	50.5	18.20
	46	25.2	10.24	31.8	12.51	39.0	15.24	41.7	16.36	43.7	17.15	45.4	17.87	46.8	18.41
	48	25.2	11.00	31.8	13.43	36.9	15.39	38.7	16.10	40.7	16.92	40.9	17.02	40.9	17.02

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM320LTE5

Cooling Capacity (32HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	24.7	4.29	38.6	5.03	48.7	5.90	50.5	6.04	52.3	6.21	56.1	6.58	79.3	9.16
	12	24.7	4.29	38.6	5.06	48.7	5.98	50.5	6.11	52.3	6.33	56.1	6.70	79.3	9.34
	14	24.7	4.29	38.6	5.12	48.7	6.04	50.5	6.21	52.3	6.40	56.1	6.80	79.3	9.47
	16	24.7	4.29	38.6	5.18	48.7	6.11	50.5	6.28	52.3	6.47	56.1	6.87	79.3	9.66
	18	24.7	4.29	38.6	5.25	48.7	6.19	50.5	6.40	52.3	6.58	56.1	6.95	79.3	9.84
	20	24.7	4.29	38.6	5.31	48.7	6.28	50.5	6.47	52.3	6.65	56.1	7.11	79.3	10.03
	21	27.7	4.79	41.9	6.11	52.6	7.50	54.9	7.89	57.3	8.30	61.3	8.97	83.4	11.91
	23	33.7	6.03	48.5	8.08	60.6	10.32	63.7	11.14	67.0	12.12	71.7	13.30	91.5	16.43
	25	39.7	7.70	55.2	10.46	68.5	13.66	72.5	15.04	76.8	16.63	81.9	18.42	99.2	22.11
	27	45.8	9.71	61.8	13.22	76.3	17.58	81.3	19.62	86.5	22.01	92.3	24.68	106.6	28.58
	29	51.8	11.97	68.5	16.44	84.3	22.19	90.1	25.09	96.3	28.53	101.7	31.54	112.9	35.05
	31	57.9	14.54	75.0	20.16	92.2	27.79	98.9	31.61	104.0	34.71	108.7	37.69	115.6	39.67
	33	63.9	17.53	81.6	24.50	99.8	33.85	104.6	36.80	108.6	39.46	109.1	39.56	112.1	40.33
	35	69.9	21.01	88.3	29.36	103.6	38.18	105.6	39.59	105.6	39.59	105.6	39.59	105.6	39.59
	37	69.9	22.59	87.4	31.28	94.3	35.31	94.3	35.31	94.3	35.31	94.3	35.31	94.3	35.31
	39	69.9	24.27	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35
	41	68.6	25.39	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59
	43	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26
	46	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94
120	10	22.7	4.29	35.7	4.79	45.0	5.57	46.6	5.71	48.3	5.84	51.8	6.19	73.3	8.42
	12	22.7	4.29	35.7	4.81	45.0	5.63	46.6	5.77	48.3	5.90	51.8	6.25	73.3	8.54
	14	22.7	4.29	35.7	4.88	45.0	5.71	46.6	5.84	48.3	5.98	51.8	6.33	73.3	8.72
	16	22.7	4.29	35.7	4.91	45.0	5.77	46.6	5.90	48.3	6.07	51.8	6.42	73.3	8.89
	18	22.7	4.29	35.7	4.97	45.0	5.84	46.6	5.98	48.3	6.14	51.8	6.50	73.3	9.01
	20	22.7	4.29	35.7	5.03	45.0	5.90	46.6	6.07	48.3	6.25	51.8	6.62	73.3	9.20
	21	25.6	4.69	38.7	5.71	48.6	6.94	50.7	7.29	52.8	7.67	56.6	8.21	77.0	10.78
	23	31.2	5.73	44.8	7.41	55.9	9.42	58.7	10.11	61.8	10.92	66.1	11.86	84.5	14.52
	25	36.7	7.12	50.9	9.53	63.2	12.28	66.9	13.44	70.9	14.81	75.7	16.26	91.9	19.26
	27	42.2	8.92	57.0	11.93	70.5	15.67	75.0	17.35	79.8	19.32	85.3	21.39	99.4	25.19
	29	47.8	10.91	63.2	14.75	77.8	19.57	83.2	21.94	88.8	24.72	94.7	27.66	106.9	31.94
	31	53.4	13.18	69.3	17.99	85.1	24.38	91.3	27.49	97.9	31.29	102.8	34.06	111.2	37.16
	33	59.0	15.83	75.4	21.83	92.5	29.79	99.2	33.67	104.0	36.49	108.5	39.45	111.3	40.11
	35	64.5	18.90	81.5	26.03	98.4	35.03	103.3	38.01	105.6	39.59	105.6	39.59	105.6	39.59
	37	64.5	20.23	81.5	28.08	94.3	35.31	94.3	35.31	94.3	35.31	94.3	35.31	94.3	35.31
	39	64.5	21.77	79.4	29.13	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35
	41	64.5	23.35	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59
	43	61.8	23.75	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26
	46	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94
110	10	20.8	4.29	32.6	4.56	41.3	5.25	42.7	5.37	44.3	5.50	47.5	5.77	67.1	7.74
	12	20.8	4.29	32.6	4.62	41.3	5.29	42.7	5.44	44.3	5.57	47.5	5.84	67.1	7.86
	14	20.8	4.29	32.6	4.62	41.3	5.35	42.7	5.50	44.3	5.63	47.5	5.90	67.1	8.00
	16	20.8	4.29	32.6	4.68	41.3	5.41	42.7	5.57	44.3	5.71	47.5	5.98	67.1	8.11
	18	20.8	4.29	32.6	4.73	41.3	5.48	42.7	5.63	44.3	5.77	47.5	6.07	67.1	8.27
	20	20.8	4.29	32.6	4.79	41.3	5.57	42.7	5.71	44.3	5.84	47.5	6.19	67.1	8.37
	21	23.4	4.61	35.5	5.34	44.6	6.44	46.4	6.73	48.5	7.04	51.9	7.54	70.5	9.71
	23	28.5	5.43	41.1	6.75	51.2	8.50	53.9	9.11	56.7	9.85	60.6	10.63	77.4	12.86
	25	33.6	6.59	46.7	8.58	57.9	10.97	61.3	11.97	65.0	13.11	69.4	14.30	84.2	16.72
	27	38.7	8.13	52.3	10.73	64.6	13.90	68.8	15.31	73.3	16.94	78.1	18.61	91.0	21.57
	29	43.8	9.94	57.9	13.18	71.3	17.26	76.2	19.18	81.5	21.42	86.9	23.75	97.9	27.21
	31	49.0	11.94	63.5	15.98	78.1	21.31	83.7	23.81	89.8	26.86	95.7	29.93	104.7	33.48
	33	54.1	14.25	69.1	19.30	84.7	25.94	91.2	29.16	98.1	33.06	102.3	35.51	107.9	38.01
	35	59.2	16.90	74.7	23.04	91.4	31.12	97.7	34.61	102.5	37.54	105.6	39.59	105.6	39.59
	37	59.2	18.14	74.7	24.74	89.3	32.37	93.8	35.00	94.3	35.31	94.3	35.31	94.3	35.31
	39	59.2	19.43	74.7	26.64	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35
	41	59.2	20.87	71.6	26.91	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59
	43	58.5	22.09	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26
	46	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94

7. Capacity Tables

Cooling Capacity (32HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	19.0	4.29	29.6	4.33	37.5	4.91	38.9	5.03	40.3	5.16	43.2	5.41	61.0	7.11
	12	19.0	4.29	29.6	4.39	37.5	4.97	38.9	5.10	40.3	5.22	43.2	5.44	61.0	7.18
	14	19.0	4.29	29.6	4.39	37.5	5.03	38.9	5.16	40.3	5.25	43.2	5.50	61.0	7.26
	16	19.0	4.29	29.6	4.44	37.5	5.10	38.9	5.18	40.3	5.31	43.2	5.57	61.0	7.42
	18	19.0	4.29	29.6	4.51	37.5	5.12	38.9	5.25	40.3	5.37	43.2	5.63	61.0	7.53
	20	19.0	4.29	29.6	4.51	37.5	5.18	38.9	5.31	40.3	5.44	43.2	5.73	61.0	7.66
	21	21.3	4.52	32.2	4.95	40.5	5.88	42.2	6.15	44.0	6.43	47.2	6.86	64.1	8.79
	23	25.9	5.16	37.3	6.13	46.6	7.67	49.0	8.22	51.5	8.81	55.1	9.48	70.4	11.42
	25	30.6	6.09	42.4	7.70	52.7	9.81	55.8	10.65	59.0	11.58	63.0	12.56	76.6	14.56
	27	35.2	7.35	47.5	9.63	58.7	12.30	62.5	13.46	66.6	14.80	71.0	16.20	82.7	18.40
	29	39.8	8.97	52.6	11.68	64.8	15.14	69.3	16.71	74.1	18.59	79.0	20.38	89.0	23.14
	31	44.5	10.76	57.7	14.13	70.9	18.50	76.0	20.58	81.6	22.94	86.9	25.45	95.2	28.40
	33	49.1	12.73	62.9	16.98	77.0	22.51	82.9	25.07	89.1	28.24	94.9	31.30	101.2	34.08
	35	53.8	15.07	68.0	20.16	83.1	26.82	89.6	30.06	96.5	34.02	100.4	36.19	103.4	38.15
	37	53.8	16.16	68.0	21.69	83.1	28.91	88.2	31.70	92.6	34.25	94.3	35.31	94.3	35.31
	39	53.8	17.35	68.0	23.27	80.4	29.66	83.5	31.35	83.5	31.35	83.5	31.35	83.5	31.35
	41	53.8	18.54	67.4	24.78	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59
	43	53.8	19.95	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26
	46	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94
90	10	17.1	4.29	26.7	4.29	33.7	4.62	34.9	4.73	36.2	4.85	38.9	5.03	54.9	6.47
	12	17.1	4.29	26.7	4.29	33.7	4.68	34.9	4.79	36.2	4.88	38.9	5.10	54.9	6.58
	14	17.1	4.29	26.7	4.29	33.7	4.73	34.9	4.81	36.2	4.91	38.9	5.16	54.9	6.65
	16	17.1	4.29	26.7	4.29	33.7	4.75	34.9	4.85	36.2	4.97	38.9	5.18	54.9	6.72
	18	17.1	4.29	26.7	4.29	33.7	4.81	34.9	4.91	36.2	5.03	38.9	5.25	54.9	6.87
	20	17.1	4.29	26.7	4.31	33.7	4.85	34.9	4.97	36.2	5.10	38.9	5.31	54.9	6.95
	21	19.2	4.46	29.0	4.66	36.5	5.40	37.9	5.63	39.7	5.89	42.4	6.22	57.7	7.85
	23	23.4	4.93	33.6	5.55	41.9	6.81	44.1	7.31	46.4	7.83	49.6	8.43	63.3	10.05
	25	27.5	5.64	38.2	6.79	47.4	8.67	50.2	9.39	53.1	10.17	56.8	11.01	68.9	12.65
	27	31.7	6.63	42.7	8.46	52.9	10.81	56.3	11.78	59.9	12.88	63.9	13.99	74.5	15.73
	29	35.9	8.01	47.4	10.33	58.4	13.24	62.4	14.52	66.7	16.02	71.1	17.48	80.1	19.50
	31	40.0	9.66	52.0	12.42	63.8	16.01	68.5	17.71	73.4	19.66	78.2	21.50	85.7	23.91
	33	44.2	11.36	56.5	14.87	69.3	19.38	74.6	21.49	80.2	23.90	85.4	26.31	91.3	28.66
	35	48.5	13.28	61.1	17.60	74.7	23.04	80.6	25.64	86.9	28.72	92.5	31.77	96.7	34.04
	37	48.5	14.29	61.1	18.87	74.7	24.74	80.6	27.60	86.5	30.87	90.0	32.79	92.8	34.39
	39	48.5	15.33	61.1	20.28	74.7	26.66	78.9	28.76	82.8	30.93	83.5	31.35	83.5	31.35
	41	48.5	16.40	61.1	21.78	71.6	26.92	73.0	27.59	73.0	27.59	73.0	27.59	73.0	27.59
	43	48.5	17.64	59.7	22.67	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26
	46	46.8	18.87	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94
80	10	15.2	4.29	23.7	4.29	29.9	4.33	31.1	4.44	32.2	4.51	34.6	4.68	48.8	5.90
	12	15.2	4.29	23.7	4.29	29.9	4.39	31.1	4.44	32.2	4.56	34.6	4.73	48.8	5.98
	14	15.2	4.29	23.7	4.29	29.9	4.44	31.1	4.51	32.2	4.62	34.6	4.79	48.8	6.04
	16	15.2	4.29	23.7	4.29	29.9	4.44	31.1	4.56	32.2	4.64	34.6	4.85	48.8	6.11
	18	15.2	4.29	23.7	4.29	29.9	4.51	31.1	4.62	32.2	4.68	34.6	4.88	48.8	6.21
	20	15.2	4.29	23.7	4.29	29.9	4.56	31.1	4.64	32.2	4.73	34.6	4.93	48.8	6.28
	21	17.0	4.39	25.8	4.54	32.5	4.98	33.8	5.15	35.2	5.34	37.7	5.64	51.3	6.98
	23	20.8	4.71	29.9	5.20	37.3	6.04	39.2	6.45	41.3	6.89	44.1	7.38	56.3	8.75
	25	24.5	5.21	33.9	6.14	42.1	7.55	44.6	8.17	47.2	8.87	50.4	9.57	61.3	10.92
	27	28.2	5.98	38.1	7.42	47.0	9.42	50.1	10.20	53.3	11.10	56.8	11.99	66.2	13.42
	29	31.9	7.09	42.1	9.08	51.9	11.43	55.5	12.49	59.2	13.69	63.2	14.85	71.2	16.40
	31	35.5	8.51	46.2	10.86	56.8	13.76	60.8	15.16	65.3	16.70	69.6	18.15	76.2	20.03
	33	39.3	10.00	50.2	12.86	61.6	16.55	66.3	18.22	71.2	20.17	75.9	22.11	81.1	23.91
	35	43.0	11.71	54.4	15.22	66.4	19.63	71.7	21.77	77.3	24.14	82.2	26.42	86.1	28.31
	37	43.0	12.56	54.4	16.32	66.4	21.09	71.7	23.34	77.3	25.98	82.2	28.49	86.0	30.61
	39	43.0	13.41	54.4	17.52	66.4	22.69	71.7	25.07	76.8	27.71	79.9	29.29	82.3	30.65
	41	43.0	14.42	54.4	18.87	66.4	24.31	69.7	25.90	73.0	27.59	73.0	27.59	73.0	27.59
	43	43.0	15.47	54.4	20.20	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26	63.0	24.26
	46	43.0	17.20	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94

7. Capacity Tables

Cooling Capacity (32HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	13.3	4.29	20.8	4.29	26.2	4.29	27.2	4.29	28.2	4.29	30.2	4.39	42.7	5.37
	12	13.3	4.29	20.8	4.29	26.2	4.29	27.2	4.29	28.2	4.29	30.2	4.39	42.7	5.44
	14	13.3	4.29	20.8	4.29	26.2	4.29	27.2	4.29	28.2	4.31	30.2	4.44	42.7	5.50
	16	13.3	4.29	20.8	4.29	26.2	4.29	27.2	4.29	28.2	4.33	30.2	4.51	42.7	5.57
	18	13.3	4.29	20.8	4.29	26.2	4.29	27.2	4.31	28.2	4.39	30.2	4.51	42.7	5.63
	20	13.3	4.29	20.8	4.29	26.2	4.29	27.2	4.33	28.2	4.39	30.2	4.56	42.7	5.71
	21	14.9	4.34	22.6	4.44	28.3	4.59	29.6	4.71	30.9	4.84	33.0	5.08	44.9	6.21
	23	18.1	4.51	26.1	4.88	32.6	5.40	34.3	5.65	36.0	6.03	38.6	6.43	49.3	7.52
	25	21.4	4.85	29.7	5.56	36.8	6.51	39.0	7.01	41.3	7.54	44.2	8.16	53.6	9.30
	27	24.6	5.38	33.3	6.53	41.1	8.00	43.8	8.72	46.6	9.48	49.7	10.21	57.9	11.37
	29	27.9	6.23	36.8	7.89	45.4	9.81	48.5	10.67	51.8	11.62	55.2	12.52	62.3	13.71
	31	31.2	7.40	40.5	9.48	49.6	11.77	53.3	12.80	57.1	14.04	60.8	15.19	66.7	16.52
	33	34.4	8.80	44.0	11.13	53.9	14.02	57.9	15.28	62.4	16.86	66.4	18.34	71.0	19.78
	35	37.6	10.17	47.5	13.01	58.2	16.59	62.7	18.24	67.7	20.13	72.0	21.79	75.4	23.29
	37	37.6	10.90	47.5	14.00	58.2	17.80	62.7	19.53	67.7	21.52	72.0	23.51	75.4	25.11
	39	37.6	11.66	47.5	15.03	58.2	19.07	62.7	20.99	67.7	23.14	72.0	25.25	75.4	26.94
	41	37.6	12.52	47.5	16.09	58.2	20.50	62.7	22.57	67.2	24.66	69.9	26.02	72.0	27.06
	43	37.6	13.49	47.5	17.31	57.9	21.85	60.7	23.15	63.0	24.26	63.0	24.26	63.0	24.26
	46	37.6	14.98	46.2	18.65	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	37.0	15.81	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94
60	10	11.4	4.29	17.8	4.29	22.5	4.29	23.3	4.29	24.2	4.29	25.9	4.29	36.6	4.85
	12	11.4	4.29	17.8	4.29	22.5	4.29	23.3	4.29	24.2	4.29	25.9	4.29	36.6	4.91
	14	11.4	4.29	17.8	4.29	22.5	4.29	23.3	4.29	24.2	4.29	25.9	4.29	36.6	4.97
	16	11.4	4.29	17.8	4.29	22.5	4.29	23.3	4.29	24.2	4.29	25.9	4.29	36.6	4.99
	18	11.4	4.29	17.8	4.29	22.5	4.29	23.3	4.29	24.2	4.29	25.9	4.29	36.6	5.06
	20	11.4	4.29	17.8	4.29	22.5	4.29	23.3	4.29	24.2	4.29	25.9	4.29	36.6	5.12
	21	12.8	4.29	19.4	4.37	24.3	4.47	25.3	4.52	26.4	4.59	28.3	4.65	38.4	5.47
	23	15.5	4.34	22.4	4.63	28.0	5.00	29.4	5.16	30.9	5.37	33.1	5.56	42.2	6.41
	25	18.4	4.52	25.4	5.05	31.7	5.74	33.4	6.09	35.4	6.46	37.8	6.85	45.9	7.74
	27	21.1	4.86	28.5	5.72	35.2	6.82	37.5	7.35	40.0	7.94	42.6	8.52	49.6	9.45
	29	23.9	5.45	31.5	6.71	38.9	8.28	41.6	8.97	44.5	9.74	47.4	10.47	53.4	11.37
	31	26.7	6.35	34.6	8.06	42.6	9.95	45.6	10.76	49.0	11.63	52.2	12.54	57.1	13.50
	33	29.5	7.59	37.7	9.53	46.2	11.71	49.7	12.73	53.4	13.88	56.9	14.99	60.8	16.16
	35	32.3	8.79	40.8	11.06	49.9	13.76	53.8	15.07	57.9	16.49	61.7	17.83	64.6	18.91
	37	32.3	9.35	40.8	11.83	49.9	14.79	53.8	16.16	57.9	17.65	61.7	19.13	64.6	20.24
	39	32.3	10.03	40.8	12.69	49.9	15.86	53.8	17.35	57.9	19.00	61.7	20.47	64.6	21.78
	41	32.3	10.80	40.8	13.66	49.9	16.99	53.8	18.54	57.9	20.35	61.7	22.03	64.6	23.42
	43	32.3	11.57	40.8	14.61	49.9	18.22	53.8	19.95	57.7	21.75	60.1	22.90	61.9	23.75
	46	32.3	12.92	40.8	16.25	47.7	19.30	48.6	19.66	48.6	19.66	48.6	19.66	48.6	19.66
	48	32.3	13.85	39.0	16.63	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94
50	10	9.5	4.29	14.9	4.29	18.7	4.29	19.4	4.29	20.1	4.29	21.6	4.29	30.5	4.39
	12	9.5	4.29	14.9	4.29	18.7	4.29	19.4	4.29	20.1	4.29	21.6	4.29	30.5	4.44
	14	9.5	4.29	14.9	4.29	18.7	4.29	19.4	4.29	20.1	4.29	21.6	4.29	30.5	4.44
	16	9.5	4.29	14.9	4.29	18.7	4.29	19.4	4.29	20.1	4.29	21.6	4.29	30.5	4.51
	18	9.5	4.29	14.9	4.29	18.7	4.29	19.4	4.29	20.1	4.29	21.6	4.29	30.5	4.56
	20	9.5	4.29	14.9	4.29	18.7	4.29	19.4	4.29	20.1	4.29	21.6	4.29	30.5	4.62
	21	10.7	4.25	16.1	4.30	20.3	4.37	21.1	4.41	22.1	4.46	23.5	4.49	32.0	4.83
	23	13.0	4.20	18.7	4.39	23.3	4.65	24.5	4.78	25.8	4.92	27.5	5.06	35.2	5.42
	25	15.3	4.25	21.3	4.62	26.4	5.12	27.9	5.35	29.5	5.60	31.5	5.87	38.3	6.34
	27	17.6	4.42	23.8	5.02	29.4	5.81	31.2	6.17	33.3	6.60	35.5	7.01	41.4	7.59
	29	20.0	4.78	26.3	5.69	32.5	6.84	34.7	7.37	37.0	8.01	39.5	8.58	44.5	9.15
	31	22.2	5.39	28.8	6.67	35.5	8.21	38.1	8.91	40.8	9.60	43.5	10.27	47.7	10.91
	33	24.6	6.33	31.4	8.03	38.5	9.64	41.4	10.44	44.5	11.32	47.4	12.09	50.7	12.84
	35	26.9	7.45	33.9	9.16	41.6	11.25	44.8	12.18	48.3	13.28	51.4	14.28	53.8	15.07
	37	26.9	7.98	33.9	9.83	41.6	12.10	44.8	13.12	48.3	14.28	51.4	15.25	53.8	16.16
	39	26.9	8.54	33.9	10.59	41.6	12.97	44.8	14.04	48.3	15.25	51.4	16.40	53.8	17.35
	41	26.9	9.19	33.9	11.34	41.6	13.88	44.8	15.08	48.3	16.35	51.4	17.64	53.8	18.61
	43	26.9	9.88	33.9	12.14	41.6	14.92	44.8	16.17	48.3	17.56	51.4	18.90	53.8	20.00
	46	26.9	10.93	33.9	13.53	41.6	16.62	44.5	17.90	46.7	18.86	48.6	19.66	48.6	19.66
	48	26.9	11.80	33.9	14.48	39.5	16.84	39.6	16.94	39.6	16.94	39.6	16.94	39.6	16.94

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM340LTE5

Cooling Capacity (34HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	26.2	4.55	41.0	5.45	51.7	6.36	53.7	6.53	55.6	6.71	59.7	7.11	84.3	9.90
	12	26.2	4.55	41.0	5.47	51.7	6.46	53.7	6.60	55.6	6.82	59.7	7.23	84.3	10.08
	14	26.2	4.57	41.0	5.54	51.7	6.53	53.7	6.71	55.6	6.92	59.7	7.34	84.3	10.21
	16	26.2	4.57	41.0	5.60	51.7	6.60	53.7	6.77	55.6	7.00	59.7	7.41	84.3	10.41
	18	26.2	4.59	41.0	5.66	51.7	6.68	53.7	6.89	55.6	7.08	59.7	7.52	84.3	10.59
	20	26.2	4.61	41.0	5.73	51.7	6.77	53.7	7.00	55.6	7.18	59.7	7.65	84.3	10.83
	21	29.4	5.11	44.5	6.54	55.9	8.03	58.3	8.47	60.8	8.89	65.0	9.52	88.3	12.61
	23	35.9	6.37	51.5	8.56	64.4	10.96	67.7	11.79	71.2	12.81	75.6	13.72	96.1	16.67
	25	42.2	8.07	58.6	11.09	72.8	14.38	77.0	15.78	81.5	17.34	85.8	18.51	103.5	21.61
	27	48.6	10.25	65.6	13.94	81.1	18.41	86.4	20.42	91.3	22.44	95.7	24.08	110.6	27.88
	29	55.1	12.63	72.7	17.22	89.6	23.02	95.7	25.88	100.7	28.26	105.2	30.51	116.9	34.21
	31	61.5	15.29	79.7	20.99	97.9	28.65	105.1	32.45	109.7	35.20	114.3	38.19	121.5	40.21
	33	67.8	18.35	86.7	25.45	106.4	35.09	113.3	39.38	117.1	42.01	117.4	42.08	120.7	42.86
	35	74.3	21.90	93.8	30.41	114.8	42.43	117.8	44.60	117.7	44.59	117.7	44.59	117.7	44.59
	37	74.3	23.48	93.8	32.78	108.9	42.24	108.9	42.24	108.9	42.24	108.9	42.24	108.9	42.24
	39	74.3	25.16	93.6	35.35	96.5	37.25	96.5	37.25	96.5	37.25	96.5	37.25	96.5	37.25
	41	74.3	27.11	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60
	43	72.1	27.93	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33
	46	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69
	48	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34
120	10	24.2	4.55	37.9	5.18	47.8	6.02	49.5	6.16	51.3	6.32	55.1	6.68	77.8	9.09
	12	24.2	4.55	37.9	5.20	47.8	6.08	49.5	6.23	51.3	6.39	55.1	6.75	77.8	9.22
	14	24.2	4.55	37.9	5.27	47.8	6.16	49.5	6.29	51.3	6.46	55.1	6.85	77.8	9.40
	16	24.2	4.55	37.9	5.32	47.8	6.23	49.5	6.39	51.3	6.53	55.1	6.92	77.8	9.58
	18	24.2	4.55	37.9	5.38	47.8	6.29	49.5	6.46	51.3	6.63	55.1	7.00	77.8	9.70
	20	24.2	4.55	37.9	5.45	47.8	6.36	49.5	6.53	51.3	6.75	55.1	7.15	77.8	9.90
	21	27.2	4.95	41.1	6.13	51.7	7.42	53.9	7.79	56.1	8.22	60.2	8.80	81.8	11.53
	23	33.1	6.00	47.6	7.82	59.4	10.01	62.4	10.75	65.6	11.57	70.2	12.55	89.6	15.26
	25	39.0	7.41	54.1	10.07	67.2	12.96	71.1	14.15	75.3	15.55	80.4	16.99	97.0	19.62
	27	44.9	9.32	60.6	12.60	74.9	16.44	79.7	18.14	84.8	20.14	90.4	22.07	104.1	25.05
	29	50.8	11.52	67.1	15.49	82.6	20.40	88.4	22.79	94.4	25.51	99.6	27.77	110.9	31.17
	31	56.8	13.90	73.6	18.80	90.4	25.21	97.0	28.31	104.0	32.07	108.6	34.55	117.2	37.72
	33	62.7	16.59	80.1	22.69	98.2	30.73	105.6	34.76	112.7	39.07	117.0	42.00	119.9	42.65
	35	68.5	19.78	86.6	26.98	105.9	36.87	114.2	42.08	117.8	44.61	117.7	44.59	117.7	44.59
	37	68.5	21.11	86.6	29.02	105.7	39.92	108.9	42.24	108.9	42.24	108.9	42.24	108.9	42.24
	39	68.5	22.66	86.6	31.38	96.5	37.25	96.5	37.25	96.5	37.25	96.5	37.25	96.5	37.25
	41	68.5	24.29	83.8	32.17	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60
	43	68.5	26.14	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33
	46	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69
	48	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34
110	10	22.1	4.55	34.7	4.94	43.8	5.66	45.4	5.80	47.1	5.93	50.5	6.23	71.3	8.37
	12	22.1	4.55	34.7	4.98	43.8	5.73	45.4	5.86	47.1	6.02	50.5	6.32	71.3	8.48
	14	22.1	4.55	34.7	5.00	43.8	5.80	45.4	5.93	47.1	6.08	50.5	6.39	71.3	8.63
	16	22.1	4.55	34.7	5.06	43.8	5.86	45.4	5.99	47.1	6.16	50.5	6.46	71.3	8.74
	18	22.1	4.55	34.7	5.12	43.8	5.93	45.4	6.06	47.1	6.23	50.5	6.53	71.3	8.91
	20	22.1	4.55	34.7	5.18	43.8	5.99	45.4	6.16	47.1	6.29	50.5	6.68	71.3	9.04
	21	24.8	4.86	37.7	5.73	47.4	6.87	49.3	7.21	51.5	7.54	55.1	8.09	75.0	10.43
	23	30.3	5.69	43.7	7.14	54.4	9.03	57.3	9.69	60.2	10.45	64.4	11.25	82.3	13.65
	25	35.7	6.86	49.6	9.03	61.6	11.63	65.1	12.65	69.0	13.81	73.7	15.03	89.4	17.52
	27	41.1	8.45	55.6	11.36	68.7	14.62	73.1	16.07	77.8	17.73	83.0	19.42	96.7	22.20
	29	46.6	10.48	61.5	13.91	75.8	18.07	81.0	20.02	86.5	22.27	92.3	24.58	104.0	28.01
	31	52.0	12.59	67.5	16.80	82.9	22.13	88.9	24.64	95.4	27.70	101.6	30.77	110.8	34.06
	33	57.4	14.99	73.4	20.16	90.0	26.86	96.9	30.11	104.2	34.01	110.9	37.93	116.8	40.59
	35	62.9	17.77	79.4	24.00	97.1	32.12	104.7	36.19	112.9	41.24	117.9	44.62	117.7	44.59
	37	62.9	18.96	79.4	25.70	97.1	34.68	104.7	39.25	108.6	42.03	108.9	42.24	108.9	42.24
	39	62.9	20.25	79.4	27.60	95.0	36.23	96.5	37.25	96.5	37.25	96.5	37.25	96.5	37.25
	41	62.9	21.75	79.4	29.70	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60
	43	62.9	23.34	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33
	46	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69
	48	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34

7. Capacity Tables

Cooling Capacity (34HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	20.2	4.55	31.5	4.69	39.8	5.32	41.3	5.45	42.8	5.58	45.9	5.86	64.8	7.65
	12	20.2	4.55	31.5	4.75	39.8	5.38	41.3	5.51	42.8	5.64	45.9	5.89	64.8	7.76
	14	20.2	4.55	31.5	4.75	39.8	5.45	41.3	5.58	42.8	5.66	45.9	5.95	64.8	7.84
	16	20.2	4.55	31.5	4.80	39.8	5.51	41.3	5.60	42.8	5.73	45.9	6.02	64.8	8.01
	18	20.2	4.55	31.5	4.86	39.8	5.54	41.3	5.66	42.8	5.80	45.9	6.08	64.8	8.12
	20	20.2	4.55	31.5	4.89	39.8	5.60	41.3	5.73	42.8	5.89	45.9	6.16	64.8	8.25
	21	22.6	4.77	34.2	5.33	43.0	6.30	44.9	6.57	46.8	6.90	50.1	7.32	68.2	9.41
	23	27.5	5.42	39.6	6.49	49.5	8.09	52.0	8.71	54.7	9.36	58.5	10.08	74.8	12.13
	25	32.5	6.35	45.1	8.07	55.9	10.40	59.3	11.29	62.7	12.22	67.0	13.25	81.4	15.34
	27	37.4	7.64	50.5	10.14	62.4	12.99	66.5	14.16	70.7	15.54	75.5	16.96	87.9	19.15
	29	42.3	9.40	55.9	12.37	68.9	15.91	73.6	17.51	78.7	19.40	83.9	21.22	94.5	23.88
	31	47.3	11.41	61.4	14.85	75.3	19.29	80.8	21.44	86.7	23.81	92.3	26.28	101.2	29.32
	33	52.2	13.41	66.8	17.79	81.8	23.36	88.0	25.95	94.7	29.15	100.8	32.25	107.8	35.25
	35	57.1	15.87	72.2	21.07	88.3	27.81	95.2	31.04	102.7	35.09	109.3	38.90	114.4	42.23
	37	57.1	16.96	72.2	22.60	88.3	29.90	95.2	33.53	102.7	37.95	107.1	40.86	108.9	42.24
	39	57.1	18.16	72.2	24.18	88.3	32.25	94.2	35.70	96.5	37.25	96.5	37.25	96.5	37.25
	41	57.1	19.35	72.2	26.06	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60	84.4	32.60
	43	57.1	20.81	71.2	27.40	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33
	46	55.6	22.28	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69
	48	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34
90	10	18.2	4.55	28.4	4.61	35.9	5.00	37.1	5.12	38.4	5.24	41.3	5.45	58.3	7.00
	12	18.2	4.55	28.4	4.61	35.9	5.06	37.1	5.18	38.4	5.27	41.3	5.51	58.3	7.08
	14	18.2	4.55	28.4	4.63	35.9	5.12	37.1	5.20	38.4	5.32	41.3	5.58	58.3	7.18
	16	18.2	4.55	28.4	4.63	35.9	5.14	37.1	5.27	38.4	5.38	41.3	5.60	58.3	7.26
	18	18.2	4.55	28.4	4.65	35.9	5.20	37.1	5.32	38.4	5.45	41.3	5.66	58.3	7.41
	20	18.2	4.55	28.4	4.67	35.9	5.27	37.1	5.38	38.4	5.51	41.3	5.73	58.3	7.49
	21	20.4	4.70	30.8	5.01	38.8	5.81	40.3	6.05	42.1	6.32	45.1	6.65	61.3	8.40
	23	24.8	5.17	35.7	5.89	44.5	7.21	46.9	7.71	49.3	8.27	52.7	8.94	67.3	10.69
	25	29.2	5.88	40.6	7.14	50.3	9.13	53.4	9.92	56.4	10.76	60.3	11.64	73.2	13.40
	27	33.7	6.91	45.4	8.87	56.2	11.44	59.8	12.44	63.6	13.56	67.9	14.73	79.2	16.55
	29	38.1	8.34	50.3	10.97	62.0	13.95	66.3	15.27	70.9	16.80	75.5	18.27	85.1	20.23
	31	42.5	10.25	55.2	13.13	67.8	16.82	72.8	18.53	78.0	20.52	83.1	22.38	91.1	24.81
	33	46.9	12.02	60.0	15.61	73.6	20.19	79.2	22.35	85.2	24.81	90.8	27.27	97.0	29.67
	35	51.5	14.06	64.9	18.45	79.4	24.00	85.7	26.60	92.3	29.73	98.3	32.76	103.0	35.19
	37	51.5	15.07	64.9	19.73	79.4	25.70	85.7	28.62	92.3	32.05	98.3	35.37	103.0	38.18
	39	51.5	16.12	64.9	21.14	79.4	27.62	85.7	30.78	92.3	34.52	95.5	36.52	96.5	37.25
	41	51.5	17.15	64.9	22.69	79.4	29.72	83.4	31.92	84.4	32.60	84.4	32.60	84.4	32.60
	43	51.5	18.44	64.9	24.28	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33
	46	51.5	20.41	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69
	48	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34
80	10	16.1	4.55	25.2	4.55	31.8	4.69	33.0	4.80	34.2	4.89	36.7	5.09	51.9	6.36
	12	16.1	4.55	25.2	4.55	31.8	4.75	33.0	4.82	34.2	4.94	36.7	5.12	51.9	6.46
	14	16.1	4.55	25.2	4.55	31.8	4.80	33.0	4.89	34.2	4.98	36.7	5.18	51.9	6.53
	16	16.1	4.55	25.2	4.55	31.8	4.82	33.0	4.92	34.2	5.00	36.7	5.24	51.9	6.60
	18	16.1	4.55	25.2	4.55	31.8	4.89	33.0	4.98	34.2	5.06	36.7	5.27	51.9	6.71
	20	16.1	4.55	25.2	4.57	31.8	4.92	33.0	5.00	34.2	5.12	36.7	5.32	51.9	6.77
	21	18.1	4.63	27.4	4.81	34.5	5.34	35.9	5.51	37.4	5.73	40.1	6.03	54.5	7.47
	23	22.1	4.94	31.8	5.46	39.6	6.42	41.6	6.84	43.8	7.28	46.9	7.82	59.8	9.28
	25	26.0	5.44	36.1	6.43	44.7	7.94	47.4	8.59	50.2	9.36	53.6	10.13	65.1	11.59
	27	29.9	6.24	40.4	7.76	50.0	9.92	53.2	10.79	56.6	11.75	60.4	12.68	70.4	14.16
	29	33.9	7.39	44.7	9.54	55.1	12.10	59.0	13.17	62.9	14.41	67.1	15.63	75.7	17.16
	31	37.8	8.96	49.1	11.53	60.3	14.49	64.6	15.94	69.4	17.50	73.9	18.96	80.9	20.83
	33	41.8	10.62	53.4	13.59	65.5	17.33	70.4	19.05	75.7	21.01	80.6	22.96	86.2	24.87
	35	45.7	12.43	57.8	16.02	70.6	20.50	76.2	22.65	82.1	25.14	87.4	27.42	91.5	29.32
	37	45.7	13.24	57.8	17.12	70.6	22.01	76.2	24.27	82.1	26.91	87.4	29.43	91.5	31.62
	39	45.7	14.14	57.8	18.32	70.6	23.56	76.2	26.00	82.1	28.96	87.4	31.71	91.5	34.06
	41	45.7	15.15	57.8	19.67	70.6	25.24	76.2	28.00	81.9	31.02	84.1	32.35	84.4	32.60
	43	45.7	16.20	57.8	21.00	70.6	27.09	72.9	28.33	72.9	28.33	72.9	28.33	72.9	28.33
	46	45.7	17.93	55.9	22.42	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69
	48	44.9	18.94	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34

7. Capacity Tables

Cooling Capacity (34HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	14.1	4.55	22.1	4.55	27.9	4.59	28.9	4.61	29.9	4.65	32.1	4.75	45.4	5.80
	12	14.1	4.55	22.1	4.55	27.9	4.59	28.9	4.63	29.9	4.65	32.1	4.77	45.4	5.86
	14	14.1	4.55	22.1	4.55	27.9	4.61	28.9	4.65	29.9	4.67	32.1	4.80	45.4	5.93
	16	14.1	4.55	22.1	4.55	27.9	4.63	28.9	4.65	29.9	4.69	32.1	4.86	45.4	5.99
	18	14.1	4.55	22.1	4.55	27.9	4.63	28.9	4.67	29.9	4.75	32.1	4.89	45.4	6.06
	20	14.1	4.55	22.1	4.55	27.9	4.65	28.9	4.69	29.9	4.75	32.1	4.94	45.4	6.16
	21	15.8	4.58	24.0	4.69	30.1	4.94	31.4	5.06	32.8	5.20	35.0	5.46	47.7	6.66
	23	19.2	4.73	27.7	5.12	34.7	5.74	36.4	6.00	38.3	6.39	41.0	6.80	52.3	7.97
	25	22.8	5.07	31.6	5.81	39.1	6.86	41.5	7.37	43.9	7.92	46.9	8.56	56.9	9.80
	27	26.2	5.63	35.4	6.81	43.7	8.38	46.6	9.15	49.5	10.02	52.8	10.81	61.6	12.05
	29	29.6	6.50	39.1	8.21	48.3	10.38	51.5	11.31	55.1	12.28	58.7	13.23	66.2	14.44
	31	33.1	7.73	43.0	10.05	52.7	12.45	56.6	13.51	60.7	14.76	64.6	15.97	70.9	17.24
	33	36.5	9.40	46.7	11.80	57.3	14.78	61.6	16.05	66.3	17.64	70.6	19.18	75.5	20.66
	35	40.0	10.83	50.5	13.75	61.8	17.41	66.6	19.08	71.9	20.99	76.5	22.72	80.1	24.19
	37	40.0	11.56	50.5	14.74	61.8	18.62	66.6	20.38	71.9	22.44	76.5	24.44	80.1	26.00
	39	40.0	12.37	50.5	15.78	61.8	19.90	66.6	21.89	71.9	24.00	76.5	26.18	80.1	27.89
	41	40.0	13.18	50.5	16.84	61.8	21.33	66.6	23.42	71.9	25.87	76.5	28.19	80.1	30.01
	43	40.0	14.15	50.5	18.06	61.8	22.89	66.6	25.11	71.1	27.32	72.9	28.33	72.9	28.33
	46	40.0	15.69	50.5	20.00	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69	56.4	22.69
	48	40.0	16.78	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34
60	10	12.1	4.55	18.9	4.55	23.9	4.55	24.8	4.55	25.7	4.55	27.5	4.57	38.9	5.27
	12	12.1	4.55	18.9	4.55	23.9	4.55	24.8	4.55	25.7	4.55	27.5	4.59	38.9	5.32
	14	12.1	4.55	18.9	4.55	23.9	4.55	24.8	4.55	25.7	4.55	27.5	4.61	38.9	5.36
	16	12.1	4.55	18.9	4.55	23.9	4.55	24.8	4.55	25.7	4.55	27.5	4.61	38.9	5.38
	18	12.1	4.55	18.9	4.55	23.9	4.55	24.8	4.55	25.7	4.57	27.5	4.63	38.9	5.45
	20	12.1	4.55	18.9	4.55	23.9	4.55	24.8	4.55	25.7	4.59	27.5	4.65	38.9	5.51
	21	13.6	4.53	20.6	4.61	25.8	4.72	26.9	4.77	28.1	4.88	30.1	5.00	40.8	5.85
	23	16.5	4.56	23.8	4.85	29.7	5.24	31.3	5.43	32.8	5.66	35.2	5.91	44.9	6.81
	25	19.5	4.73	27.0	5.28	33.6	6.00	35.5	6.36	37.6	6.78	40.2	7.20	48.8	8.15
	27	22.4	5.08	30.3	5.97	37.4	7.10	39.8	7.66	42.5	8.29	45.2	8.92	52.7	9.93
	29	25.4	5.70	33.5	7.00	41.3	8.62	44.2	9.43	47.2	10.30	50.3	11.08	56.8	12.02
	31	28.4	6.66	36.8	8.46	45.2	10.58	48.5	11.43	52.0	12.32	55.4	13.21	60.7	14.23
	33	31.3	8.03	40.1	10.15	49.1	12.42	52.8	13.43	56.8	14.63	60.5	15.77	64.6	16.91
	35	34.3	9.44	43.3	11.75	53.0	14.49	57.1	15.87	61.6	17.31	65.6	18.63	68.7	19.79
	37	34.3	10.03	43.3	12.56	53.0	15.52	57.1	16.96	61.6	18.48	65.6	19.99	68.7	21.12
	39	34.3	10.72	43.3	13.38	53.0	16.64	57.1	18.16	61.6	19.83	65.6	21.38	68.7	22.67
	41	34.3	11.45	43.3	14.36	53.0	17.77	57.1	19.35	61.6	21.18	65.6	22.89	68.7	24.31
	43	34.3	12.22	43.3	15.30	53.0	19.00	57.1	20.81	61.6	22.73	65.6	24.64	68.7	26.14
	46	34.3	13.57	43.3	16.99	53.0	21.11	55.6	22.28	56.4	22.69	56.4	22.69	56.4	22.69
	48	34.3	14.50	43.3	18.20	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34	45.9	19.34
50	10	10.1	4.55	15.8	4.55	19.9	4.55	20.6	4.55	21.4	4.55	22.9	4.55	32.4	4.75
	12	10.1	4.55	15.8	4.55	19.9	4.55	20.6	4.55	21.4	4.55	22.9	4.55	32.4	4.80
	14	10.1	4.55	15.8	4.55	19.9	4.55	20.6	4.55	21.4	4.55	22.9	4.55	32.4	4.82
	16	10.1	4.55	15.8	4.55	19.9	4.55	20.6	4.55	21.4	4.55	22.9	4.55	32.4	4.89
	18	10.1	4.55	15.8	4.55	19.9	4.55	20.6	4.55	21.4	4.55	22.9	4.55	32.4	4.92
	20	10.1	4.55	15.8	4.55	19.9	4.55	20.6	4.55	21.4	4.55	22.9	4.55	32.4	4.98
	21	11.4	4.49	17.2	4.54	21.6	4.62	22.4	4.65	23.4	4.70	25.0	4.74	34.0	5.18
	23	13.8	4.41	19.9	4.61	24.8	4.88	26.0	5.01	27.4	5.17	29.3	5.31	37.4	5.78
	25	16.3	4.44	22.6	4.83	28.0	5.35	29.6	5.59	31.3	5.86	33.5	6.13	40.6	6.69
	27	18.7	4.61	25.3	5.24	31.3	6.07	33.2	6.44	35.4	6.88	37.7	7.31	44.0	7.95
	29	21.2	4.99	27.9	5.96	34.5	7.13	36.9	7.68	39.3	8.33	42.0	8.96	47.3	9.64
	31	23.6	5.64	30.6	6.98	37.7	8.62	40.4	9.40	43.3	10.19	46.2	10.90	50.6	11.59
	33	26.1	6.68	33.3	8.51	40.9	10.30	44.0	11.09	47.3	12.02	50.4	12.78	53.9	13.55
	35	28.6	8.04	36.1	9.83	44.2	11.93	47.6	12.89	51.3	14.02	54.6	15.04	57.2	15.87
	37	28.6	8.61	36.1	10.51	44.2	12.83	47.6	13.83	51.3	15.02	54.6	16.07	57.2	16.96
	39	28.6	9.13	36.1	11.23	44.2	13.66	47.6	14.76	51.3	16.04	54.6	17.17	57.2	18.16
	41	28.6	9.78	36.1	11.98	44.2	14.57	47.6	15.80	51.3	17.15	54.6	18.46	57.2	19.42
	43	28.6	10.47	36.1	12.83	44.2	15.61	47.6	16.94	51.3	18.35	54.6	19.73	57.2	20.81
	46	28.6	11.56	36.1	14.22	44.2	17.31	47.6	18.75	51.3	20.40	54.6	21.80	55.7	22.34
	48	28.6	12.43	36.1	15.16	44.2	18.53	45.7	19.27	45.9	19.34	45.9	19.34	45.9	19.34

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM360LTE5

Cooling Capacity (36HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	27.7	4.63	43.4	5.65	54.8	6.66	56.8	6.87	58.9	7.05	63.2	7.50	89.3	10.63
	12	27.7	4.65	43.4	5.67	54.8	6.77	56.8	6.94	58.9	7.20	63.2	7.65	89.3	10.82
	14	27.7	4.65	43.4	5.74	54.8	6.84	56.8	7.05	58.9	7.27	63.2	7.73	89.3	11.00
	16	27.7	4.68	43.4	5.83	54.8	6.94	56.8	7.12	58.9	7.38	63.2	7.84	89.3	11.20
	18	27.7	4.70	43.4	5.90	54.8	7.05	56.8	7.27	58.9	7.50	63.2	7.95	89.3	11.44
	20	27.7	4.72	43.4	5.96	54.8	7.12	56.8	7.38	58.9	7.57	63.2	8.12	89.3	11.68
	21	31.1	5.32	47.1	6.93	59.2	8.58	61.5	8.99	63.9	9.30	68.2	9.96	92.8	13.40
	23	38.0	6.80	54.6	9.29	68.2	11.96	70.8	12.53	73.6	13.18	78.0	14.09	99.7	17.34
	25	44.7	8.79	62.1	12.08	76.7	15.71	79.7	16.61	83.0	17.60	87.4	18.80	106.1	22.60
	27	51.5	11.18	69.5	15.33	84.8	19.97	88.3	21.21	92.0	22.62	96.5	24.28	112.2	28.65
	29	58.3	13.80	77.0	19.10	92.7	24.76	96.5	26.50	100.6	28.49	105.2	30.84	117.5	34.69
	31	65.1	16.79	84.4	23.48	100.1	30.40	104.3	32.61	108.9	35.36	113.7	38.37	121.4	40.56
	33	71.8	20.28	91.8	28.61	107.1	36.44	111.8	39.37	115.9	42.04	116.4	42.15	119.9	43.04
	35	78.7	24.29	99.4	34.45	113.9	43.12	115.9	44.53	115.9	44.53	115.9	44.53	115.9	44.53
	37	78.7	26.14	99.4	37.45	107.1	42.17	107.1	42.17	107.1	42.17	107.1	42.17	107.1	42.17
	39	78.7	28.06	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11
	41	78.5	30.27	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47
	43	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22
	46	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31
120	10	25.6	4.55	40.1	5.37	50.6	6.28	52.4	6.46	54.3	6.62	58.3	7.02	82.4	9.72
	12	25.6	4.57	40.1	5.40	50.6	6.35	52.4	6.53	54.3	6.69	58.3	7.12	82.4	9.89
	14	25.6	4.59	40.1	5.46	50.6	6.43	52.4	6.60	54.3	6.80	58.3	7.20	82.4	10.08
	16	25.6	4.61	40.1	5.52	50.6	6.53	52.4	6.69	54.3	6.87	58.3	7.30	82.4	10.26
	18	25.6	4.61	40.1	5.58	50.6	6.60	52.4	6.77	54.3	6.97	58.3	7.42	82.4	10.43
	20	25.6	4.63	40.1	5.65	50.6	6.69	52.4	6.87	54.3	7.09	58.3	7.54	82.4	10.63
	21	28.8	5.12	43.5	6.46	54.7	7.94	57.0	8.33	59.2	8.70	63.2	9.23	85.9	12.21
	23	35.1	6.38	50.4	8.48	62.9	10.87	66.1	11.71	68.7	12.26	72.8	13.00	92.9	15.87
	25	41.2	8.04	57.3	10.98	71.1	14.24	75.0	15.50	78.0	16.38	82.1	17.36	99.3	20.30
	27	47.5	10.21	64.1	13.79	79.4	18.25	83.5	19.76	86.8	20.95	91.1	22.26	105.5	25.81
	29	53.8	12.54	71.1	17.06	87.5	22.90	91.6	24.53	95.3	26.16	99.6	27.99	111.3	31.57
	31	60.1	15.19	77.9	20.86	95.4	28.32	99.3	30.16	103.4	32.35	107.7	34.70	116.8	37.99
	33	66.4	18.22	84.8	25.36	102.3	33.93	106.5	36.25	111.2	39.05	115.7	42.02	118.9	42.78
	35	72.6	21.84	91.7	30.31	108.8	39.98	113.6	42.95	115.9	44.53	115.9	44.53	115.9	44.53
	37	72.6	23.35	91.7	32.81	107.1	42.17	107.1	42.17	107.1	42.17	107.1	42.17	107.1	42.17
	39	72.6	25.09	90.7	34.89	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11
	41	72.6	27.02	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47
	43	70.3	27.71	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22
	46	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31
110	10	23.4	4.51	36.7	5.08	46.4	5.90	48.1	6.03	49.8	6.19	53.4	6.53	75.5	8.89
	12	23.4	4.51	36.7	5.14	46.4	5.96	48.1	6.12	49.8	6.28	53.4	6.62	75.5	9.02
	14	23.4	4.51	36.7	5.17	46.4	6.03	48.1	6.19	49.8	6.35	53.4	6.69	75.5	9.20
	16	23.4	4.53	36.7	5.23	46.4	6.12	48.1	6.26	49.8	6.43	53.4	6.80	75.5	9.32
	18	23.4	4.55	36.7	5.28	46.4	6.19	48.1	6.35	49.8	6.53	53.4	6.87	75.5	9.53
	20	23.4	4.55	36.7	5.35	46.4	6.26	48.1	6.43	49.8	6.60	53.4	7.02	75.5	9.67
	21	26.3	4.94	39.9	6.01	50.2	7.30	52.2	7.66	54.5	8.04	58.2	8.60	79.1	11.14
	23	32.1	5.97	46.2	7.70	57.6	9.79	60.6	10.50	63.7	11.37	67.7	12.07	86.0	14.49
	25	37.8	7.38	52.5	9.88	65.2	12.72	69.0	13.88	73.0	15.20	76.9	16.03	92.6	18.39
	27	43.6	9.22	58.8	12.40	72.7	16.10	77.4	17.81	81.8	19.44	85.6	20.52	98.8	23.22
	29	49.3	11.38	65.1	15.23	80.3	20.10	85.7	22.43	90.0	24.18	94.0	25.61	104.7	28.61
	31	55.1	13.69	71.5	18.52	87.8	24.82	94.1	27.90	98.0	29.72	102.0	31.56	110.2	34.27
	33	60.8	16.42	77.8	22.36	95.3	30.35	101.4	33.53	105.6	35.80	109.5	38.07	115.4	40.65
	35	66.6	19.48	84.1	26.74	102.8	36.57	108.1	39.57	112.8	42.48	115.9	44.53	115.9	44.53
	37	66.6	20.87	84.1	28.75	102.1	39.23	106.6	41.86	107.1	42.17	107.1	42.17	107.1	42.17
	39	66.6	22.33	84.1	31.01	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11
	41	66.6	24.02	81.5	31.79	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47
	43	66.6	25.88	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22
	46	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31

7. Capacity Tables

Cooling Capacity (36HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	21.4	4.51	33.3	4.83	42.1	5.52	43.7	5.65	45.3	5.80	48.6	6.10	68.6	8.12
	12	21.4	4.51	33.3	4.89	42.1	5.58	43.7	5.74	45.3	5.87	48.6	6.15	68.6	8.23
	14	21.4	4.51	33.3	4.91	42.1	5.65	43.7	5.80	45.3	5.90	48.6	6.22	68.6	8.35
	16	21.4	4.51	33.3	4.96	42.1	5.71	43.7	5.83	45.3	5.99	48.6	6.28	68.6	8.52
	18	21.4	4.51	33.3	5.03	42.1	5.76	43.7	5.90	45.3	6.06	48.6	6.38	68.6	8.64
	20	21.4	4.51	33.3	5.05	42.1	5.83	43.7	5.99	45.3	6.12	48.6	6.46	68.6	8.81
	21	23.9	4.81	36.2	5.58	45.6	6.67	47.5	6.99	49.5	7.32	53.1	7.81	72.2	10.15
	23	29.2	5.61	42.0	6.95	52.4	8.79	55.1	9.43	58.0	10.14	62.0	10.94	79.2	13.27
	25	34.4	6.72	47.7	8.81	59.2	11.32	62.8	12.31	66.4	13.41	70.9	14.60	85.9	16.82
	27	39.6	8.26	53.5	11.06	66.1	14.24	70.4	15.60	74.9	17.20	79.9	18.87	92.1	20.96
	29	44.8	10.24	59.2	13.50	72.9	17.55	78.0	19.43	83.3	21.67	88.4	23.53	98.1	25.93
	31	50.0	12.31	65.0	16.29	79.8	21.49	85.5	23.98	91.8	26.85	96.2	28.87	103.6	31.14
	33	55.3	14.62	70.7	19.61	86.6	26.15	93.2	29.29	100.0	32.98	103.6	34.79	108.8	36.71
	35	60.5	17.32	76.5	23.34	93.4	31.29	100.8	35.29	107.0	38.99	110.7	41.13	113.7	43.09
	37	60.5	18.54	76.5	25.07	93.4	33.85	100.8	38.37	105.4	41.11	107.1	42.17	107.1	42.17
	39	60.5	19.87	76.5	26.93	91.7	35.42	94.8	37.11	94.8	37.11	94.8	37.11	94.8	37.11
	41	60.5	21.27	76.5	29.15	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47
	43	60.5	22.91	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22
	46	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31
90	10	19.2	4.51	30.1	4.72	38.0	5.17	39.3	5.28	40.7	5.44	43.7	5.65	61.8	7.38
	12	19.2	4.51	30.1	4.72	38.0	5.23	39.3	5.35	40.7	5.46	43.7	5.74	61.8	7.47
	14	19.2	4.51	30.1	4.74	38.0	5.28	39.3	5.40	40.7	5.52	43.7	5.80	61.8	7.57
	16	19.2	4.51	30.1	4.76	38.0	5.31	39.3	5.46	40.7	5.58	43.7	5.83	61.8	7.68
	18	19.2	4.51	30.1	4.78	38.0	5.37	39.3	5.52	40.7	5.65	43.7	5.90	61.8	7.84
	20	19.2	4.51	30.1	4.80	38.0	5.46	39.3	5.58	40.7	5.74	43.7	5.99	61.8	7.95
	21	21.6	4.72	32.6	5.22	41.0	6.12	42.7	6.38	44.6	6.69	47.7	7.08	65.0	9.03
	23	26.3	5.32	37.8	6.28	47.2	7.77	49.6	8.36	52.2	8.97	55.8	9.68	71.3	11.63
	25	31.0	6.19	43.0	7.74	53.3	9.96	56.5	10.81	59.8	11.74	63.9	12.72	77.6	14.70
	27	35.6	7.39	48.1	9.74	59.5	12.48	63.3	13.59	67.3	14.92	71.9	16.24	83.9	18.34
	29	40.3	9.06	53.3	11.89	65.7	15.31	70.2	16.82	75.0	18.60	79.9	20.36	90.2	22.76
	31	45.0	11.02	58.5	14.32	71.8	18.56	77.0	20.56	82.6	22.85	88.0	25.11	96.5	27.99
	33	49.7	13.02	63.6	17.12	78.0	22.44	83.9	24.94	90.2	27.91	96.1	30.87	102.4	33.45
	35	54.5	15.28	68.8	20.27	84.1	26.74	90.7	29.83	97.8	33.62	104.1	37.35	107.2	39.01
	37	54.5	16.39	68.8	21.76	84.1	28.75	90.7	32.23	97.8	36.55	102.8	39.65	105.6	41.25
	39	54.5	17.56	68.8	23.34	84.1	31.09	90.2	34.52	94.1	36.69	94.8	37.11	94.8	37.11
	41	54.5	18.71	68.8	25.09	81.5	31.80	82.9	32.47	82.9	32.47	82.9	32.47	82.9	32.47
	43	54.5	20.14	68.2	26.63	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22
	46	53.4	21.81	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31
80	10	17.1	4.51	26.7	4.59	33.7	4.83	34.9	4.94	36.2	5.03	38.9	5.25	54.9	6.69
	12	17.1	4.51	26.7	4.61	33.7	4.89	34.9	4.96	36.2	5.08	38.9	5.31	54.9	6.77
	14	17.1	4.51	26.7	4.63	33.7	4.94	34.9	5.03	36.2	5.14	38.9	5.37	54.9	6.87
	16	17.1	4.51	26.7	4.63	33.7	4.96	34.9	5.08	36.2	5.17	38.9	5.44	54.9	6.94
	18	17.1	4.51	26.7	4.65	33.7	5.03	34.9	5.14	36.2	5.23	38.9	5.46	54.9	7.05
	20	17.1	4.51	26.7	4.68	33.7	5.08	34.9	5.17	36.2	5.31	38.9	5.52	54.9	7.12
	21	19.1	4.65	29.0	4.97	36.5	5.59	38.0	5.78	39.6	6.04	42.5	6.36	57.7	7.96
	23	23.4	5.06	33.6	5.77	41.9	6.87	44.1	7.34	46.4	7.85	49.6	8.47	63.3	10.08
	25	27.5	5.68	38.2	6.90	47.4	8.63	50.2	9.38	53.1	10.20	56.7	11.02	68.9	12.64
	27	31.7	6.63	42.8	8.44	52.9	10.84	56.3	11.77	59.9	12.82	63.9	13.86	74.5	15.57
	29	35.8	7.99	47.4	10.41	58.3	13.17	62.4	14.42	66.6	15.83	71.1	17.24	80.1	19.03
	31	40.0	9.72	52.0	12.51	63.9	15.91	68.4	17.53	73.4	19.35	78.3	21.07	85.7	23.30
	33	44.3	11.44	56.5	14.82	69.3	19.12	74.5	21.06	80.1	23.38	85.4	25.71	91.3	27.89
	35	48.4	13.42	61.2	17.53	74.7	22.67	80.6	25.16	86.9	28.04	92.5	30.80	96.9	33.10
	37	48.4	14.37	61.2	18.76	74.7	24.37	80.6	27.06	86.9	30.21	92.5	33.26	96.9	35.92
	39	48.4	15.32	61.2	20.10	74.7	26.19	80.6	29.12	86.9	32.65	91.2	35.05	93.6	36.41
	41	48.4	16.43	61.2	21.61	74.7	28.19	79.6	30.78	82.9	32.47	82.9	32.47	82.9	32.47
	43	48.4	17.61	61.2	23.17	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22	71.5	28.22
	46	48.4	19.50	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31

7. Capacity Tables

Cooling Capacity (36HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	14.9	4.51	23.4	4.51	29.5	4.70	30.6	4.72	31.7	4.76	34.0	4.89	48.1	6.03
	12	14.9	4.51	23.4	4.51	29.5	4.70	30.6	4.74	31.7	4.78	34.0	4.91	48.1	6.12
	14	14.9	4.51	23.4	4.51	29.5	4.72	30.6	4.76	31.7	4.80	34.0	4.96	48.1	6.19
	16	14.9	4.51	23.4	4.53	29.5	4.74	30.6	4.78	31.7	4.83	34.0	5.03	48.1	6.26
	18	14.9	4.51	23.4	4.53	29.5	4.76	30.6	4.80	31.7	4.89	34.0	5.05	48.1	6.35
	20	14.9	4.51	23.4	4.55	29.5	4.78	30.6	4.83	31.7	4.91	34.0	5.10	48.1	6.43
	21	16.8	4.58	25.4	4.74	31.9	5.14	33.3	5.27	34.7	5.45	37.1	5.73	50.5	7.03
	23	20.4	4.82	29.4	5.31	36.7	6.08	38.5	6.39	40.5	6.83	43.4	7.30	55.4	8.62
	25	24.1	5.25	33.5	6.14	41.4	7.41	43.9	7.99	46.5	8.64	49.7	9.35	60.3	10.72
	27	27.7	5.93	37.4	7.33	46.3	9.16	49.3	10.03	52.4	10.93	56.0	11.77	65.2	13.12
	29	31.4	6.95	41.4	8.96	51.1	11.29	54.6	12.28	58.3	13.40	62.1	14.47	70.1	15.85
	31	35.1	8.39	45.5	10.87	55.8	13.53	59.9	14.75	64.3	16.20	68.4	17.56	75.0	19.13
	33	38.7	10.05	49.5	12.77	60.7	16.15	65.2	17.65	70.2	19.44	74.7	21.19	79.9	22.91
	35	42.3	11.66	53.5	14.94	65.5	19.10	70.6	21.04	76.1	23.25	81.0	25.24	84.8	27.01
	37	42.3	12.48	53.5	16.04	65.5	20.46	70.6	22.50	76.1	24.90	81.0	27.25	84.8	29.14
	39	42.3	13.33	53.5	17.20	65.5	21.90	70.6	24.20	76.1	26.74	81.0	29.31	84.8	31.40
	41	42.3	14.23	53.5	18.33	65.5	23.56	70.6	26.00	76.1	28.87	79.8	30.90	81.9	31.94
	43	42.3	15.30	53.5	19.74	65.5	25.33	69.2	27.11	71.5	28.22	71.5	28.22	71.5	28.22
	46	42.3	16.97	52.8	21.59	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	42.3	18.18	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31
60	10	12.8	4.51	20.0	4.51	25.3	4.55	26.3	4.57	27.2	4.61	29.2	4.68	41.2	5.44
	12	12.8	4.51	20.0	4.51	25.3	4.57	26.3	4.59	27.2	4.63	29.2	4.70	41.2	5.49
	14	12.8	4.51	20.0	4.51	25.3	4.57	26.3	4.61	27.2	4.63	29.2	4.72	41.2	5.58
	16	12.8	4.51	20.0	4.51	25.3	4.59	26.3	4.63	27.2	4.65	29.2	4.72	41.2	5.61
	18	12.8	4.51	20.0	4.51	25.3	4.61	26.3	4.63	27.2	4.68	29.2	4.74	41.2	5.67
	20	12.8	4.51	20.0	4.51	25.3	4.63	26.3	4.65	27.2	4.70	29.2	4.76	41.2	5.74
	21	14.4	4.52	21.8	4.62	27.4	4.86	28.5	4.94	29.7	5.05	31.8	5.19	43.2	6.15
	23	17.5	4.61	25.2	4.96	31.5	5.49	33.1	5.73	34.8	5.99	37.2	6.29	47.5	7.31
	25	20.7	4.86	28.6	5.50	35.6	6.41	37.6	6.83	39.8	7.30	42.5	7.81	51.7	8.86
	27	23.8	5.32	32.1	6.33	39.6	7.70	42.2	8.35	45.0	9.08	47.9	9.79	55.8	10.90
	29	26.9	6.04	35.5	7.52	43.8	9.45	46.8	10.31	50.0	11.21	53.3	12.04	60.1	13.11
	31	30.0	7.16	38.9	9.21	47.9	11.44	51.3	12.36	55.1	13.41	58.7	14.44	64.3	15.57
	33	33.1	8.67	42.4	10.90	52.0	13.46	56.0	14.64	60.1	16.00	64.1	17.30	68.4	18.64
	35	36.3	10.08	45.9	12.66	56.1	15.82	60.5	17.32	65.2	18.96	69.4	20.51	72.7	21.85
	37	36.3	10.71	45.9	13.56	56.1	16.96	60.5	18.54	65.2	20.31	69.4	22.03	72.7	23.36
	39	36.3	11.47	45.9	14.48	56.1	18.16	60.5	19.87	65.2	21.82	69.4	23.60	72.7	25.11
	41	36.3	12.28	45.9	15.56	56.1	19.42	60.5	21.27	65.2	23.40	69.4	25.37	72.7	27.04
	43	36.3	13.14	45.9	16.56	56.1	20.80	60.5	22.91	65.2	25.16	68.6	26.86	70.4	27.71
	46	36.3	14.60	45.9	18.45	54.3	22.24	55.2	22.60	55.2	22.60	55.2	22.60	55.2	22.60
	48	36.3	15.57	44.3	19.00	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31
50	10	10.6	4.51	16.7	4.51	21.1	4.51	21.8	4.51	22.7	4.51	24.3	4.51	34.4	4.89
	12	10.6	4.51	16.7	4.51	21.1	4.51	21.8	4.51	22.7	4.51	24.3	4.53	34.4	4.94
	14	10.6	4.51	16.7	4.51	21.1	4.51	21.8	4.51	22.7	4.51	24.3	4.55	34.4	4.96
	16	10.6	4.51	16.7	4.51	21.1	4.51	21.8	4.51	22.7	4.51	24.3	4.55	34.4	5.03
	18	10.6	4.51	16.7	4.51	21.1	4.51	21.8	4.51	22.7	4.51	24.3	4.57	34.4	5.08
	20	10.6	4.51	16.7	4.51	21.1	4.51	21.8	4.51	22.7	4.53	24.3	4.59	34.4	5.14
	21	12.0	4.47	18.2	4.54	22.8	4.63	23.8	4.67	24.8	4.74	26.5	4.84	36.0	5.40
	23	14.6	4.44	21.0	4.68	26.2	4.98	27.5	5.13	29.0	5.33	31.0	5.54	39.6	6.12
	25	17.2	4.53	23.9	4.97	29.7	5.57	31.3	5.87	33.2	6.18	35.5	6.54	43.0	7.20
	27	19.8	4.77	26.8	5.49	33.1	6.44	35.1	6.88	37.4	7.41	40.0	7.93	46.6	8.67
	29	22.5	5.26	29.6	6.34	36.5	7.71	39.0	8.34	41.6	9.09	44.4	9.83	50.1	10.55
	31	25.0	6.02	32.4	7.53	39.9	9.39	42.8	10.21	45.9	11.00	48.9	11.77	53.6	12.54
	33	27.7	7.20	35.3	9.15	43.4	11.07	46.6	11.97	50.1	12.99	53.3	13.92	57.1	14.76
	35	30.2	8.56	38.2	10.54	46.8	12.90	50.4	13.99	54.4	15.27	57.8	16.45	60.5	17.32
	37	30.2	9.16	38.2	11.25	46.8	13.85	50.4	14.99	54.4	16.38	57.8	17.54	60.5	18.54
	39	30.2	9.74	38.2	12.05	46.8	14.82	50.4	16.02	54.4	17.47	57.8	18.78	60.5	19.87
	41	30.2	10.42	38.2	12.88	46.8	15.78	50.4	17.18	54.4	18.70	57.8	20.21	60.5	21.28
	43	30.2	11.19	38.2	13.77	46.8	16.93	50.4	18.44	54.4	20.05	57.8	21.63	60.5	22.91
	46	30.2	12.32	38.2	15.33	46.8	18.85	50.4	20.48	53.3	21.80	55.2	22.60	55.2	22.60
	48	30.2	13.27	38.2	16.32	44.8	19.21	44.9	19.31	44.9	19.31	44.9	19.31	44.9	19.31

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM380LTE5

Cooling Capacity (38HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	29.3	5.46	45.8	6.11	57.8	7.07	60.0	7.25	62.1	7.42	66.7	7.87	94.2	10.79
	12	29.3	5.46	45.8	6.11	57.8	7.17	60.0	7.33	62.1	7.55	66.7	8.00	94.2	10.96
	14	29.3	5.46	45.8	6.19	57.8	7.25	60.0	7.42	62.1	7.64	66.7	8.10	94.2	11.12
	16	29.3	5.46	45.8	6.27	57.8	7.33	60.0	7.50	62.1	7.73	66.7	8.18	94.2	11.30
	18	29.3	5.46	45.8	6.35	57.8	7.42	60.0	7.64	62.1	7.82	66.7	8.28	94.2	11.52
	20	29.3	5.46	45.8	6.39	57.8	7.50	60.0	7.73	62.1	7.95	66.7	8.42	94.2	11.70
	21	32.9	5.95	49.8	7.21	62.5	8.78	65.2	9.23	68.0	9.71	72.8	10.40	99.0	13.66
	23	40.1	7.20	57.6	9.29	72.0	11.85	75.6	12.70	79.6	13.72	85.1	14.94	108.6	18.25
	25	47.2	8.90	65.5	11.91	81.3	15.39	86.1	16.82	91.2	18.46	97.3	20.25	118.2	23.96
	27	54.4	11.11	73.4	14.92	90.7	19.54	96.5	21.61	102.8	24.03	109.6	26.64	127.8	31.19
	29	61.5	13.65	81.3	18.38	100.1	24.38	107.0	27.23	114.4	30.57	121.9	34.16	137.0	39.12
	31	68.7	16.43	89.1	22.36	109.5	30.12	117.4	33.92	126.0	38.53	134.2	43.35	144.8	47.07
	33	75.8	19.66	96.9	27.04	118.9	36.75	127.9	41.76	136.4	46.79	140.9	49.30	147.6	52.25
	35	83.0	23.44	104.9	32.25	128.3	44.15	135.0	48.20	140.1	51.26	141.8	52.38	141.8	52.38
	37	83.0	25.11	104.9	34.70	122.9	44.24	126.8	46.61	126.8	46.61	126.8	46.61	126.8	46.61
	39	83.0	26.95	104.7	37.31	112.3	41.35	112.3	41.35	112.3	41.35	112.3	41.35	112.3	41.35
	41	83.0	29.00	97.8	36.09	98.3	36.36	98.3	36.36	98.3	36.36	98.3	36.36	98.3	36.36
	43	80.8	29.92	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86
	46	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66
	48	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02
120	10	27.0	5.46	42.3	5.82	53.4	6.70	55.3	6.87	57.4	7.03	61.5	7.42	87.0	9.97
	12	27.0	5.46	42.3	5.85	53.4	6.78	55.3	6.95	57.4	7.12	61.5	7.50	87.0	10.09
	14	27.0	5.46	42.3	5.93	53.4	6.87	55.3	7.03	57.4	7.21	61.5	7.60	87.0	10.25
	16	27.0	5.46	42.3	5.96	53.4	6.95	55.3	7.07	57.4	7.29	61.5	7.68	87.0	10.46
	18	27.0	5.46	42.3	6.04	53.4	6.99	55.3	7.17	57.4	7.33	61.5	7.77	87.0	10.56
	20	27.0	5.46	42.3	6.11	53.4	7.07	55.3	7.25	57.4	7.46	61.5	7.91	87.0	10.79
	21	30.4	5.84	46.0	6.80	57.7	8.15	60.2	8.53	62.7	8.96	67.2	9.60	91.4	12.46
	23	37.0	6.87	53.2	8.53	66.4	10.80	69.8	11.60	73.4	12.44	78.5	13.45	100.3	16.34
	25	43.5	8.28	60.4	10.83	75.1	13.92	79.4	15.14	84.1	16.56	89.9	18.08	109.1	21.08
	27	50.2	10.20	67.7	13.53	83.8	17.53	89.1	19.27	94.8	21.30	101.2	23.40	118.0	27.01
	29	56.8	12.49	75.0	16.58	92.4	21.70	98.8	24.13	105.5	26.87	112.5	29.76	126.9	34.04
	31	63.4	15.00	82.3	20.08	101.1	26.69	108.4	29.81	116.3	33.57	123.9	37.38	135.7	41.91
	33	70.1	17.83	89.5	24.15	109.8	32.39	118.0	36.45	126.9	41.22	135.1	46.14	141.4	48.53
	35	76.6	21.21	96.8	28.74	118.4	38.78	127.7	43.85	134.7	48.05	138.9	50.47	141.8	52.38
	37	76.6	22.68	96.8	30.88	118.2	41.76	122.6	44.10	126.8	46.61	126.8	46.61	126.8	46.61
	39	76.6	24.32	96.8	33.27	111.1	40.64	112.3	41.35	112.3	41.35	112.3	41.35	112.3	41.35
	41	76.6	26.04	94.0	34.15	98.3	36.36	98.3	36.36	98.3	36.36	98.3	36.36	98.3	36.36
	43	76.6	28.04	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86
	46	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66
	48	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02
110	10	24.7	5.46	38.8	5.60	49.0	6.35	50.7	6.47	52.6	6.62	56.4	6.95	79.6	9.20
	12	24.7	5.46	38.8	5.64	49.0	6.39	50.7	6.54	52.6	6.70	56.4	7.03	79.6	9.30
	14	24.7	5.46	38.8	5.64	49.0	6.47	50.7	6.62	52.6	6.78	56.4	7.12	79.6	9.46
	16	24.7	5.46	38.8	5.71	49.0	6.54	50.7	6.70	52.6	6.87	56.4	7.21	79.6	9.56
	18	24.7	5.46	38.8	5.74	49.0	6.62	50.7	6.78	52.6	6.95	56.4	7.25	79.6	9.76
	20	24.7	5.46	38.8	5.82	49.0	6.70	50.7	6.87	52.6	6.99	56.4	7.38	79.6	9.87
	21	27.8	5.75	42.1	6.37	53.0	7.59	55.1	7.93	57.5	8.26	61.6	8.81	83.8	11.29
	23	33.8	6.56	48.8	7.81	60.8	9.78	64.0	10.46	67.3	11.29	72.0	12.13	91.9	14.64
	25	39.9	7.73	55.5	9.76	68.8	12.51	72.8	13.56	77.1	14.76	82.4	16.04	100.0	18.63
	27	46.0	9.29	62.1	12.19	76.8	15.64	81.7	17.15	87.0	18.85	92.7	20.61	108.1	23.45
	29	52.1	11.34	68.8	14.89	84.7	19.27	90.5	21.31	96.7	23.58	103.2	25.91	116.3	29.39
	31	58.1	13.65	75.4	17.94	92.7	23.53	99.4	26.14	106.6	29.22	113.6	32.22	124.4	35.97
	33	64.2	16.15	82.1	21.51	100.6	28.51	108.3	31.77	116.4	35.67	123.9	39.63	132.6	43.49
	35	70.3	19.10	88.7	25.63	108.5	33.96	117.0	38.10	126.2	43.09	133.1	47.08	136.1	48.80
	37	70.3	20.40	88.7	27.41	108.5	36.53	117.0	41.17	121.9	43.68	125.7	45.98	126.8	46.61
	39	70.3	21.84	88.7	29.48	106.4	38.09	110.4	40.23	112.3	41.35	112.3	41.35	112.3	41.35
	41	70.3	23.42	88.7	31.67	98.3	36.36	98.3	36.36	98.3	36.36	98.3	36.36	98.3	36.36
	43	70.3	25.09	83.5	31.13	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86
	46	65.4	25.54	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66
	48	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02

7. Capacity Tables

Cooling Capacity (38HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	22.6	5.46	35.2	5.46	44.5	5.96	46.1	6.11	47.8	6.27	51.3	6.54	72.4	8.42
	12	22.6	5.46	35.2	5.50	44.5	6.04	46.1	6.19	47.8	6.31	51.3	6.58	72.4	8.57
	14	22.6	5.46	35.2	5.50	44.5	6.11	46.1	6.23	47.8	6.35	51.3	6.66	72.4	8.66
	16	22.6	5.46	35.2	5.53	44.5	6.19	46.1	6.27	47.8	6.43	51.3	6.70	72.4	8.81
	18	22.6	5.46	35.2	5.57	44.5	6.19	46.1	6.35	47.8	6.50	51.3	6.78	72.4	8.91
	20	22.6	5.46	35.2	5.57	44.5	6.27	46.1	6.43	47.8	6.54	51.3	6.87	72.4	9.06
	21	25.3	5.66	38.2	6.01	48.1	6.98	50.1	7.28	52.3	7.57	56.0	8.05	76.2	10.22
	23	30.8	6.27	44.3	7.18	55.3	8.80	58.2	9.44	61.2	10.11	65.4	10.90	83.6	13.05
	25	36.3	7.18	50.4	8.79	62.5	11.15	66.3	12.11	70.1	13.14	74.9	14.21	91.0	16.37
	27	41.8	8.47	56.4	10.90	69.8	13.93	74.3	15.18	79.0	16.59	84.3	18.09	98.3	20.35
	29	47.3	10.24	62.5	13.28	77.0	17.02	82.3	18.69	88.0	20.65	93.8	22.53	105.7	25.18
	31	52.8	12.37	68.6	15.96	84.2	20.61	90.3	22.79	96.9	25.26	103.2	27.79	113.1	30.80
	33	58.3	14.50	74.6	19.03	91.4	24.85	98.4	27.55	105.8	30.81	112.7	33.90	120.5	36.92
	35	63.9	17.03	80.7	22.53	98.6	29.54	106.4	32.88	114.7	36.92	122.1	40.72	127.9	44.10
	37	63.9	18.30	80.7	24.23	98.6	31.73	106.4	35.48	114.7	39.80	119.9	42.69	122.7	44.22
	39	63.9	19.56	80.7	25.95	98.6	34.16	105.4	37.58	109.3	39.67	112.3	41.35	112.3	41.35
	41	63.9	20.94	80.7	27.86	94.8	34.54	98.3	36.36	98.3	36.36	98.3	36.36	98.3	36.36
	43	63.9	22.49	79.7	29.35	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86
	46	62.4	24.22	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66
	48	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02
90	10	20.3	5.46	31.7	5.46	40.1	5.64	41.5	5.78	43.0	5.89	46.2	6.11	65.2	7.73
	12	20.3	5.46	31.7	5.46	40.1	5.71	41.5	5.82	43.0	5.93	46.2	6.19	65.2	7.82
	14	20.3	5.46	31.7	5.46	40.1	5.74	41.5	5.85	43.0	5.96	46.2	6.23	65.2	7.91
	16	20.3	5.46	31.7	5.46	40.1	5.78	41.5	5.89	43.0	6.04	46.2	6.27	65.2	8.00
	18	20.3	5.46	31.7	5.46	40.1	5.85	41.5	5.96	43.0	6.11	46.2	6.35	65.2	8.18
	20	20.3	5.46	31.7	5.46	40.1	5.89	41.5	6.04	43.0	6.15	46.2	6.43	65.2	8.28
	21	22.8	5.59	34.4	5.78	43.3	6.45	45.1	6.71	47.1	6.97	50.4	7.36	68.6	9.20
	23	27.7	6.02	39.9	6.66	49.8	7.90	52.4	8.40	55.1	9.00	58.9	9.67	75.2	11.50
	25	32.7	6.70	45.4	7.91	56.3	9.83	59.6	10.68	63.1	11.58	67.4	12.52	81.9	14.35
	27	37.6	7.71	50.8	9.65	62.8	12.26	66.9	13.35	71.1	14.56	75.9	15.75	88.5	17.66
	29	42.6	9.16	56.2	11.79	69.3	14.97	74.1	16.32	79.2	17.93	84.4	19.47	95.2	21.48
	31	47.5	11.06	61.7	14.13	75.8	17.97	81.3	19.77	87.2	21.82	92.9	23.78	101.8	26.21
	33	52.5	12.99	67.1	16.80	82.3	21.61	88.5	23.83	95.2	26.37	101.4	28.87	108.5	31.38
	35	57.5	15.13	72.6	19.79	88.8	25.63	95.8	28.30	103.2	31.53	109.9	34.60	115.1	37.06
	37	57.5	16.24	72.6	21.20	88.8	27.41	95.8	30.41	103.2	33.94	109.9	37.31	115.1	40.05
	39	57.5	17.46	72.6	22.75	88.8	29.49	95.8	32.67	103.2	36.51	107.1	38.47	109.5	39.69
	41	57.5	18.60	72.6	24.38	88.8	31.68	93.5	33.91	97.0	35.69	98.3	36.36	98.3	36.36
	43	57.5	20.03	72.6	26.19	83.6	31.13	84.9	31.86	84.9	31.86	84.9	31.86	84.9	31.86
	46	57.5	22.19	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66
	48	53.3	21.92	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02
80	10	18.0	5.46	28.2	5.46	35.6	5.46	36.9	5.53	38.2	5.57	41.0	5.71	58.0	7.07
	12	18.0	5.46	28.2	5.46	35.6	5.50	36.9	5.53	38.2	5.60	41.0	5.78	58.0	7.17
	14	18.0	5.46	28.2	5.46	35.6	5.53	36.9	5.57	38.2	5.64	41.0	5.82	58.0	7.25
	16	18.0	5.46	28.2	5.46	35.6	5.53	36.9	5.60	38.2	5.64	41.0	5.89	58.0	7.33
	18	18.0	5.46	28.2	5.46	35.6	5.57	36.9	5.64	38.2	5.71	41.0	5.93	58.0	7.42
	20	18.0	5.46	28.2	5.46	35.6	5.60	36.9	5.64	38.2	5.74	41.0	5.96	58.0	7.50
	21	20.2	5.52	30.6	5.68	38.5	6.02	40.1	6.15	41.8	6.36	44.8	6.68	61.0	8.21
	23	24.7	5.79	35.5	6.31	44.3	7.09	46.5	7.49	49.0	7.96	52.4	8.52	66.9	10.07
	25	29.1	6.25	40.3	7.23	50.0	8.62	53.0	9.29	56.1	10.09	59.9	10.90	72.8	12.42
	27	33.4	7.03	45.2	8.55	55.8	10.64	59.4	11.56	63.2	12.60	67.5	13.58	78.7	15.17
	29	37.8	8.16	50.0	10.36	61.6	13.02	65.9	14.15	70.3	15.43	75.0	16.69	84.6	18.30
	31	42.2	9.75	54.9	12.48	67.4	15.57	72.2	17.08	77.5	18.71	82.6	20.23	90.5	22.14
	33	46.7	11.51	59.7	14.65	73.2	18.61	78.7	20.41	84.6	22.40	90.1	24.47	96.4	26.38
	35	51.1	13.40	64.6	17.21	78.9	22.01	85.1	24.25	91.8	26.81	97.7	29.18	102.3	31.07
	37	51.1	14.34	64.6	18.49	78.9	23.61	85.1	25.96	91.8	28.66	97.7	31.26	102.3	33.46
	39	51.1	15.34	64.6	19.75	78.9	25.29	85.1	27.86	91.8	30.81	97.7	33.65	102.3	35.99
	41	51.1	16.45	64.6	21.24	78.9	27.06	85.1	29.87	91.6	32.95	94.4	34.29	96.6	35.43
	43	51.1	17.70	64.6	22.72	78.9	29.01	81.8	30.39	84.9	31.86	84.9	31.86	84.9	31.86
	46	51.1	19.53	62.7	24.33	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66
	48	50.3	20.69	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02

7. Capacity Tables

Cooling Capacity (38HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	15.8	5.46	24.7	5.46	31.2	5.46	32.3	5.46	33.4	5.46	35.9	5.50	50.7	6.47
	12	15.8	5.46	24.7	5.46	31.2	5.46	32.3	5.46	33.4	5.46	35.9	5.50	50.7	6.54
	14	15.8	5.46	24.7	5.46	31.2	5.46	32.3	5.46	33.4	5.46	35.9	5.53	50.7	6.62
	16	15.8	5.46	24.7	5.46	31.2	5.46	32.3	5.46	33.4	5.46	35.9	5.57	50.7	6.70
	18	15.8	5.46	24.7	5.46	31.2	5.46	32.3	5.46	33.4	5.50	35.9	5.57	50.7	6.78
	20	15.8	5.46	24.7	5.46	31.2	5.46	32.3	5.46	33.4	5.50	35.9	5.60	50.7	6.87
	21	17.7	5.47	26.8	5.57	33.7	5.73	35.1	5.82	36.6	5.94	39.2	6.12	53.3	7.37
	23	21.5	5.58	31.0	5.98	38.7	6.50	40.7	6.76	42.8	7.11	45.8	7.47	58.5	8.70
	25	25.4	5.88	35.3	6.63	43.7	7.63	46.4	8.13	49.0	8.67	52.4	9.27	63.6	10.55
	27	29.3	6.40	39.5	7.60	48.8	9.15	52.0	9.93	55.3	10.77	59.1	11.59	68.8	12.91
	29	33.1	7.25	43.7	9.01	53.9	11.18	57.6	12.17	61.6	13.23	65.6	14.21	73.9	15.50
	31	37.0	8.46	48.0	10.88	58.9	13.42	63.3	14.52	67.8	15.85	72.2	17.08	79.2	18.48
	33	40.8	10.17	52.2	12.78	64.0	15.87	68.8	17.28	74.1	18.92	78.9	20.49	84.3	22.06
	35	44.7	11.70	56.4	14.87	69.1	18.74	74.5	20.45	80.3	22.50	85.5	24.27	89.5	25.85
	37	44.7	12.56	56.4	15.96	69.1	20.01	74.5	21.89	80.3	24.04	85.5	26.16	89.5	27.75
	39	44.7	13.39	56.4	17.11	69.1	21.42	74.5	23.48	80.3	25.74	85.5	27.98	89.5	29.73
	41	44.7	14.34	56.4	18.23	69.1	22.99	74.5	25.24	80.3	27.72	85.5	30.09	89.5	31.95
	43	44.7	15.42	56.4	19.64	69.1	24.64	74.5	27.01	79.5	29.34	82.0	30.40	83.9	31.36
	46	44.7	17.18	56.4	21.77	64.8	25.31	65.7	25.66	65.7	25.66	65.7	25.66	65.7	25.66
	48	44.7	18.40	52.8	21.72	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02
60	10	13.5	5.46	21.1	5.46	26.7	5.46	27.7	5.46	28.7	5.46	30.8	5.46	43.5	5.89
	12	13.5	5.46	21.1	5.46	26.7	5.46	27.7	5.46	28.7	5.46	30.8	5.46	43.5	5.96
	14	13.5	5.46	21.1	5.46	26.7	5.46	27.7	5.46	28.7	5.46	30.8	5.46	43.5	6.04
	16	13.5	5.46	21.1	5.46	26.7	5.46	27.7	5.46	28.7	5.46	30.8	5.46	43.5	6.04
	18	13.5	5.46	21.1	5.46	26.7	5.46	27.7	5.46	28.7	5.46	30.8	5.46	43.5	6.11
	20	13.5	5.46	21.1	5.46	26.7	5.46	27.7	5.46	28.7	5.46	30.8	5.46	43.5	6.19
	21	15.2	5.42	23.0	5.50	28.9	5.61	30.0	5.66	31.4	5.73	33.6	5.80	45.6	6.53
	23	18.5	5.40	26.6	5.70	33.2	6.09	34.9	6.27	36.7	6.49	39.3	6.70	50.1	7.49
	25	21.8	5.52	30.2	6.09	37.6	6.82	39.7	7.18	42.0	7.58	44.9	7.99	54.5	8.86
	27	25.1	5.84	33.8	6.75	41.8	7.90	44.5	8.47	47.5	9.09	50.6	9.72	58.9	10.70
	29	28.4	6.42	37.5	7.75	46.2	9.44	49.4	10.24	52.8	11.13	56.3	11.94	63.4	12.94
	31	31.7	7.36	41.1	9.23	50.5	11.44	54.2	12.37	58.1	13.34	61.9	14.24	67.8	15.29
	33	35.0	8.71	44.8	10.99	54.9	13.41	59.1	14.50	63.5	15.77	67.6	16.95	72.2	18.12
	35	38.4	10.19	48.4	12.69	59.2	15.64	63.8	17.03	68.8	18.57	73.3	19.99	76.7	21.23
	37	38.4	10.89	48.4	13.59	59.2	16.77	63.8	18.30	68.8	19.91	73.3	21.48	76.7	22.70
	39	38.4	11.63	48.4	14.56	59.2	17.95	63.8	19.56	68.8	21.41	73.3	22.96	76.7	24.33
	41	38.4	12.49	48.4	15.63	59.2	19.26	63.8	20.94	68.8	22.89	73.3	24.61	76.7	26.05
	43	38.4	13.34	48.4	16.69	59.2	20.64	63.8	22.49	68.8	24.53	73.3	26.53	76.7	28.05
	46	38.4	14.88	48.4	18.53	59.2	22.93	62.3	24.22	64.7	25.21	65.7	25.66	65.7	25.66
	48	38.4	15.93	48.4	19.89	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02	53.5	22.02
50	10	11.2	5.46	17.6	5.46	22.2	5.46	23.0	5.46	23.9	5.46	25.6	5.46	36.3	5.50
	12	11.2	5.46	17.6	5.46	22.2	5.46	23.0	5.46	23.9	5.46	25.6	5.46	36.3	5.53
	14	11.2	5.46	17.6	5.46	22.2	5.46	23.0	5.46	23.9	5.46	25.6	5.46	36.3	5.53
	16	11.2	5.46	17.6	5.46	22.2	5.46	23.0	5.46	23.9	5.46	25.6	5.46	36.3	5.57
	18	11.2	5.46	17.6	5.46	22.2	5.46	23.0	5.46	23.9	5.46	25.6	5.46	36.3	5.60
	20	11.2	5.46	17.6	5.46	22.2	5.46	23.0	5.46	23.9	5.46	25.6	5.46	36.3	5.64
	21	12.7	5.38	19.2	5.43	24.1	5.50	25.1	5.54	26.2	5.59	28.0	5.63	38.0	5.83
	23	15.4	5.25	22.2	5.46	27.7	5.72	29.1	5.86	30.6	6.02	32.7	6.16	41.8	6.41
	25	18.2	5.23	25.2	5.63	31.3	6.15	33.1	6.40	35.0	6.68	37.4	6.95	45.4	7.34
	27	20.9	5.35	28.3	6.01	34.9	6.84	37.1	7.24	39.5	7.70	42.2	8.12	49.2	8.63
	29	23.7	5.69	31.2	6.69	38.5	7.92	41.2	8.46	43.9	9.12	46.9	9.79	52.8	10.37
	31	26.4	6.29	34.2	7.70	42.1	9.37	45.2	10.21	48.4	11.01	51.6	11.81	56.6	12.48
	33	29.2	7.28	37.3	9.21	45.8	11.18	49.2	12.03	52.9	12.99	56.3	13.84	60.2	14.56
	35	31.9	8.66	40.3	10.61	49.4	12.86	53.2	13.90	57.4	15.13	61.0	16.23	63.9	17.04
	37	31.9	9.31	40.3	11.40	49.4	13.85	53.2	14.93	57.4	16.22	61.0	17.31	63.9	18.30
	39	31.9	9.97	40.3	12.18	49.4	14.82	53.2	15.96	57.4	17.30	61.0	18.60	63.9	19.56
	41	31.9	10.68	40.3	13.07	49.4	15.83	53.2	17.18	57.4	18.59	61.0	19.95	63.9	20.96
	43	31.9	11.51	40.3	14.02	49.4	16.98	53.2	18.38	57.4	19.87	61.0	21.36	63.9	22.50
	46	31.9	12.71	40.3	15.60	49.4	18.92	53.2	20.42	57.4	22.17	61.0	23.69	62.4	24.23
	48	31.9	13.74	40.3	16.67	49.4	20.29	51.3	21.10	53.3	21.92	53.5	22.02	53.5	22.02

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM400LTE5

Cooling Capacity (40HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	30.8	5.42	48.2	6.30	60.8	7.36	63.2	7.54	65.4	7.72	70.2	8.18	99.2	11.38
	12	30.8	5.42	48.2	6.30	60.8	7.46	63.2	7.62	65.4	7.90	70.2	8.36	99.2	11.60
	14	30.8	5.42	48.2	6.38	60.8	7.54	63.2	7.72	65.4	7.98	70.2	8.46	99.2	11.72
	16	30.8	5.42	48.2	6.46	60.8	7.62	63.2	7.80	65.4	8.08	70.2	8.54	99.2	11.96
	18	30.8	5.42	48.2	6.54	60.8	7.72	63.2	7.98	65.4	8.18	70.2	8.64	99.2	12.18
	20	30.8	5.42	48.2	6.62	60.8	7.80	63.2	8.08	65.4	8.26	70.2	8.84	99.2	12.42
	21	34.6	6.00	52.4	7.56	65.8	9.26	68.6	9.78	71.6	10.24	76.6	11.06	104.2	14.64
	23	42.2	7.46	60.6	9.92	75.8	12.68	79.6	13.62	83.8	14.78	89.6	16.18	114.4	19.84
	25	49.6	9.42	69.0	12.80	85.6	16.62	90.6	18.26	96.0	20.12	102.4	22.18	124.4	26.50
	27	57.2	11.94	77.2	16.12	95.4	21.32	101.6	23.68	108.2	26.42	115.4	29.48	134.6	34.96
	29	64.8	14.62	85.6	20.00	105.4	26.70	112.6	30.04	120.4	33.88	128.4	38.24	143.8	43.60
	31	72.4	17.74	93.8	24.40	115.2	33.30	123.6	37.66	132.6	43.08	141.2	48.88	150.4	51.70
	33	79.8	21.30	102.0	29.56	125.2	40.72	134.6	46.58	142.4	51.86	143.0	51.98	146.8	52.90
	35	87.4	25.52	110.4	35.34	135.0	49.20	139.0	52.02	139.0	52.02	139.0	52.02	139.0	52.02
	37	87.4	27.38	110.4	38.20	124.2	46.26	124.2	46.26	124.2	46.26	124.2	46.26	124.2	46.26
	39	87.4	29.34	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02
	41	87.4	31.64	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04
	43	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56
	46	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94
120	10	28.4	5.42	44.6	6.00	56.2	6.94	58.2	7.12	60.4	7.28	64.8	7.72	91.6	10.48
	12	28.4	5.42	44.6	6.00	56.2	7.02	58.2	7.20	60.4	7.36	64.8	7.80	91.6	10.60
	14	28.4	5.42	44.6	6.08	56.2	7.12	58.2	7.28	60.4	7.46	64.8	7.90	91.6	10.82
	16	28.4	5.42	44.6	6.14	56.2	7.20	58.2	7.36	60.4	7.54	64.8	7.98	91.6	11.04
	18	28.4	5.42	44.6	6.22	56.2	7.28	58.2	7.46	60.4	7.62	64.8	8.08	91.6	11.14
	20	28.4	5.42	44.6	6.30	56.2	7.36	58.2	7.54	60.4	7.80	64.8	8.26	91.6	11.38
	21	32.0	5.88	48.4	7.10	60.8	8.60	63.4	9.00	66.0	9.50	70.8	10.16	96.2	13.26
	23	39.0	7.10	56.0	9.08	69.8	11.58	73.4	12.42	77.2	13.34	82.6	14.48	105.6	17.68
	25	45.8	8.72	63.6	11.68	79.0	14.98	83.6	16.36	88.6	18.00	94.6	19.68	114.8	23.02
	27	52.8	10.92	71.2	14.54	88.2	19.04	93.8	21.02	99.8	23.32	106.6	25.72	124.2	30.06
	29	59.8	13.34	79.0	17.94	97.2	23.66	104.0	26.44	111.0	29.58	118.4	32.92	133.6	37.96
	31	66.8	16.08	86.6	21.84	106.4	29.36	114.2	32.96	122.4	37.28	130.4	41.80	142.8	47.02
	33	73.8	19.24	94.2	26.40	115.6	35.74	124.2	40.40	133.6	46.00	142.2	51.84	145.8	52.64
	35	80.6	23.00	101.8	31.40	124.6	42.90	134.4	48.86	139.0	52.02	139.0	52.02	139.0	52.02
	37	80.6	24.56	101.8	33.80	124.2	46.26	124.2	46.26	124.2	46.26	124.2	46.26	124.2	46.26
	39	80.6	26.38	101.8	36.58	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02
	41	80.6	28.30	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04
	43	80.6	30.54	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56
	46	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94
110	10	26.0	5.42	40.8	5.70	51.6	6.54	53.4	6.70	55.4	6.86	59.4	7.20	83.8	9.64
	12	26.0	5.42	40.8	5.78	51.6	6.62	53.4	6.78	55.4	6.94	59.4	7.28	83.8	9.74
	14	26.0	5.42	40.8	5.78	51.6	6.70	53.4	6.86	55.4	7.02	59.4	7.36	83.8	9.96
	16	26.0	5.42	40.8	5.86	51.6	6.78	53.4	6.94	55.4	7.12	59.4	7.46	83.8	10.06
	18	26.0	5.42	40.8	5.92	51.6	6.86	53.4	7.02	55.4	7.20	59.4	7.54	83.8	10.26
	20	26.0	5.42	40.8	6.00	51.6	6.94	53.4	7.12	55.4	7.28	59.4	7.72	83.8	10.38
	21	29.2	5.78	44.4	6.64	55.8	7.96	58.0	8.34	60.6	8.72	64.8	9.34	88.2	11.98
	23	35.6	6.74	51.4	8.30	64.0	10.46	67.4	11.18	70.8	12.08	75.8	13.00	96.8	15.72
	25	42.0	8.10	58.4	10.50	72.4	13.42	76.6	14.60	81.2	15.96	86.8	17.38	105.2	20.24
	27	48.4	9.92	65.4	13.12	80.8	16.90	86.0	18.60	91.6	20.54	97.6	22.52	113.8	25.80
	29	54.8	12.18	72.4	16.10	89.2	20.96	95.2	23.24	101.8	25.84	108.6	28.54	122.4	32.56
	31	61.2	14.60	79.4	19.46	97.6	25.72	104.6	28.66	112.2	32.22	119.6	35.74	131.0	39.96
	33	67.6	17.40	86.4	23.44	105.8	31.30	114.0	34.98	122.6	39.56	130.4	44.06	139.6	48.60
	35	74.0	20.62	93.4	27.92	114.2	37.38	123.2	42.06	132.8	47.92	139.0	52.02	139.0	52.02
	37	74.0	22.08	93.4	29.92	114.2	40.38	123.2	45.64	124.2	46.26	124.2	46.26	124.2	46.26
	39	74.0	23.60	93.4	32.22	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02
	41	74.0	25.36	93.4	34.68	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04
	43	74.0	27.22	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56
	46	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94

7. Capacity Tables

Cooling Capacity (40HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	23.8	5.42	37.0	5.42	46.8	6.14	48.6	6.30	50.4	6.46	54.0	6.78	76.2	8.84
	12	23.8	5.42	37.0	5.50	46.8	6.22	48.6	6.38	50.4	6.54	54.0	6.78	76.2	8.94
	14	23.8	5.42	37.0	5.50	46.8	6.30	48.6	6.46	50.4	6.54	54.0	6.86	76.2	9.04
	16	23.8	5.42	37.0	5.56	46.8	6.38	48.6	6.46	50.4	6.62	54.0	6.94	76.2	9.24
	18	23.8	5.42	37.0	5.64	46.8	6.38	48.6	6.54	50.4	6.70	54.0	7.02	76.2	9.34
	20	23.8	5.42	37.0	5.64	46.8	6.46	48.6	6.62	50.4	6.78	54.0	7.12	76.2	9.54
	21	26.6	5.68	40.2	6.16	50.6	7.28	52.8	7.60	55.0	7.96	59.0	8.46	80.2	10.88
	23	32.4	6.42	46.6	7.54	58.2	9.40	61.2	10.10	64.4	10.82	68.8	11.64	88.0	14.02
	25	38.2	7.50	53.0	9.40	65.8	12.02	69.8	13.04	73.8	14.14	78.8	15.32	95.8	17.72
	27	44.0	8.98	59.4	11.80	73.4	15.02	78.2	16.38	83.2	17.98	88.8	19.66	103.4	22.16
	29	49.8	10.98	65.8	14.26	81.0	18.42	86.6	20.28	92.6	22.52	98.8	24.60	111.2	27.76
	31	55.6	13.20	72.2	17.18	88.6	22.40	95.0	24.90	102.0	27.62	108.6	30.58	119.0	34.04
	33	61.4	15.54	78.6	20.66	96.2	27.22	103.6	30.18	111.4	33.94	118.6	37.54	126.8	40.90
	35	67.2	18.38	85.0	24.48	103.8	32.36	112.0	36.12	120.8	40.88	128.6	45.22	134.6	49.14
	37	67.2	19.72	85.0	26.28	103.8	34.80	112.0	39.04	120.8	44.14	124.2	46.26	124.2	46.26
	39	67.2	21.12	85.0	28.20	103.8	37.64	110.0	41.02	110.0	41.02	110.0	41.02	110.0	41.02
	41	67.2	22.58	85.0	30.42	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04
	43	67.2	24.30	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56
	46	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94
90	10	21.4	5.42	33.4	5.42	42.2	5.78	43.6	5.92	45.2	6.08	48.6	6.30	68.6	8.08
	12	21.4	5.42	33.4	5.42	42.2	5.86	43.6	6.00	45.2	6.08	48.6	6.38	68.6	8.18
	14	21.4	5.42	33.4	5.42	42.2	5.92	43.6	6.00	45.2	6.14	48.6	6.46	68.6	8.26
	16	21.4	5.42	33.4	5.42	42.2	5.92	43.6	6.08	45.2	6.22	48.6	6.46	68.6	8.36
	18	21.4	5.42	33.4	5.42	42.2	6.00	43.6	6.14	45.2	6.30	48.6	6.54	68.6	8.54
	20	21.4	5.42	33.4	5.42	42.2	6.08	43.6	6.22	45.2	6.38	48.6	6.62	68.6	8.64
	21	24.0	5.60	36.2	5.82	45.6	6.72	47.4	7.00	49.6	7.32	53.0	7.70	72.2	9.70
	23	29.2	6.14	42.0	6.86	52.4	8.36	55.2	8.94	58.0	9.60	62.0	10.36	79.2	12.36
	25	34.4	6.96	47.8	8.30	59.2	10.60	62.8	11.50	66.4	12.44	71.0	13.46	86.2	15.46
	27	39.6	8.12	53.4	10.32	66.2	13.22	70.4	14.38	74.8	15.70	79.8	17.06	93.2	19.16
	29	44.8	9.74	59.2	12.64	73.0	16.14	78.0	17.66	83.4	19.48	88.8	21.22	100.2	23.50
	31	50.0	11.88	65.0	15.18	79.8	19.48	85.6	21.50	91.8	23.82	97.8	25.96	107.2	28.82
	33	55.2	13.90	70.6	18.10	86.6	23.48	93.2	25.98	100.2	28.84	106.8	31.68	114.2	34.46
	35	60.6	16.24	76.4	21.42	93.4	27.92	100.8	30.94	108.6	34.58	115.6	38.16	121.2	40.92
	37	60.6	17.48	76.4	22.92	93.4	29.92	100.8	33.30	108.6	37.38	115.6	41.22	121.2	44.42
	39	60.6	18.76	76.4	24.64	93.4	32.24	100.8	35.84	108.6	40.18	110.0	41.02	110.0	41.02
	41	60.6	19.96	76.4	26.46	93.4	34.70	96.2	36.04	96.2	36.04	96.2	36.04	96.2	36.04
	43	60.6	21.54	76.4	28.38	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56
	46	60.6	23.90	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94
80	10	19.0	5.42	29.6	5.42	37.4	5.42	38.8	5.56	40.2	5.64	43.2	5.86	61.0	7.36
	12	19.0	5.42	29.6	5.42	37.4	5.50	38.8	5.56	40.2	5.70	43.2	5.92	61.0	7.46
	14	19.0	5.42	29.6	5.42	37.4	5.56	38.8	5.64	40.2	5.78	43.2	6.00	61.0	7.54
	16	19.0	5.42	29.6	5.42	37.4	5.56	38.8	5.70	40.2	5.78	43.2	6.08	61.0	7.62
	18	19.0	5.42	29.6	5.42	37.4	5.64	38.8	5.78	40.2	5.86	43.2	6.08	61.0	7.72
	20	19.0	5.42	29.6	5.42	37.4	5.70	38.8	5.78	40.2	5.92	43.2	6.14	61.0	7.80
	21	21.2	5.52	32.2	5.70	40.6	6.20	42.2	6.38	44.0	6.64	47.2	6.98	64.2	8.62
	23	26.0	5.88	37.4	6.46	46.6	7.44	49.0	7.94	51.6	8.44	55.2	9.06	70.4	10.74
	25	30.6	6.44	42.4	7.56	52.6	9.22	55.8	9.98	59.0	10.86	63.0	11.74	76.6	13.38
	27	35.2	7.36	47.6	9.06	58.8	11.54	62.6	12.48	66.6	13.58	71.0	14.64	82.8	16.38
	29	39.8	8.68	52.6	11.10	64.8	13.96	69.4	15.22	74.0	16.68	79.0	18.10	89.0	19.88
	31	44.4	10.42	57.8	13.32	71.0	16.78	76.0	18.48	81.6	20.32	87.0	22.00	95.2	24.20
	33	49.2	12.24	62.8	15.70	77.0	20.14	82.8	22.12	89.0	24.38	94.8	26.74	101.4	28.86
	35	53.8	14.36	68.0	18.56	83.0	23.84	89.6	26.38	96.6	29.26	102.8	31.88	107.6	34.08
	37	53.8	15.36	68.0	19.92	83.0	25.62	89.6	28.28	96.6	31.34	102.8	34.30	107.6	36.86
	39	53.8	16.40	68.0	21.32	83.0	27.50	89.6	30.32	96.6	33.74	102.8	36.90	107.6	39.62
	41	53.8	17.64	68.0	22.98	83.0	29.48	89.6	32.66	96.2	36.04	96.2	36.04	96.2	36.04
	43	53.8	18.94	68.0	24.54	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56	83.0	31.56
	46	53.8	20.94	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94

7. Capacity Tables

Cooling Capacity (40HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	16.6	5.42	26.0	5.42	32.8	5.42	34.0	5.42	35.2	5.42	37.8	5.50	53.4	6.70
	12	16.6	5.42	26.0	5.42	32.8	5.42	34.0	5.42	35.2	5.42	37.8	5.50	53.4	6.78
	14	16.6	5.42	26.0	5.42	32.8	5.42	34.0	5.42	35.2	5.42	37.8	5.56	53.4	6.86
	16	16.6	5.42	26.0	5.42	32.8	5.42	34.0	5.42	35.2	5.42	37.8	5.64	53.4	6.94
	18	16.6	5.42	26.0	5.42	32.8	5.42	34.0	5.42	35.2	5.50	37.8	5.64	53.4	7.02
	20	16.6	5.42	26.0	5.42	32.8	5.42	34.0	5.42	35.2	5.50	37.8	5.70	53.4	7.12
	21	18.6	5.46	28.2	5.58	35.4	5.76	37.0	5.86	38.6	6.02	41.2	6.32	56.2	7.70
	23	22.6	5.64	32.6	6.08	40.8	6.68	42.8	6.96	45.0	7.42	48.2	7.90	61.6	9.24
	25	26.8	6.02	37.2	6.88	46.0	8.00	48.8	8.58	51.6	9.20	55.2	9.94	67.0	11.36
	27	30.8	6.64	41.6	8.02	51.4	9.74	54.8	10.64	58.2	11.62	62.2	12.50	72.4	13.92
	29	34.8	7.64	46.0	9.62	56.8	12.00	60.6	13.06	64.8	14.20	69.0	15.30	77.8	16.72
	31	39.0	9.00	50.6	11.66	62.0	14.38	66.6	15.60	71.4	17.12	76.0	18.48	83.4	20.00
	33	43.0	10.80	55.0	13.62	67.4	17.12	72.4	18.60	78.0	20.48	83.0	22.28	88.8	23.98
	35	47.0	12.46	59.4	15.90	72.8	20.24	78.4	22.20	84.6	24.44	90.0	26.40	94.2	28.16
	37	47.0	13.36	59.4	17.12	72.8	21.66	78.4	23.72	84.6	26.08	90.0	28.50	94.2	30.36
	39	47.0	14.30	59.4	18.40	72.8	23.16	78.4	25.50	84.6	27.98	90.0	30.54	94.2	32.50
	41	47.0	15.30	59.4	19.58	72.8	24.90	78.4	27.36	84.6	30.18	90.0	32.90	94.2	34.98
	43	47.0	16.50	59.4	21.14	72.8	26.74	78.4	29.34	83.0	31.56	83.0	31.56	83.0	31.56
	46	47.0	18.34	59.4	23.46	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	47.0	19.68	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94
60	10	14.2	5.42	22.2	5.42	28.2	5.42	29.2	5.42	30.2	5.42	32.4	5.42	45.8	6.08
	12	14.2	5.42	22.2	5.42	28.2	5.42	29.2	5.42	30.2	5.42	32.4	5.42	45.8	6.14
	14	14.2	5.42	22.2	5.42	28.2	5.42	29.2	5.42	30.2	5.42	32.4	5.42	45.8	6.22
	16	14.2	5.42	22.2	5.42	28.2	5.42	29.2	5.42	30.2	5.42	32.4	5.42	45.8	6.22
	18	14.2	5.42	22.2	5.42	28.2	5.42	29.2	5.42	30.2	5.42	32.4	5.42	45.8	6.30
	20	14.2	5.42	22.2	5.42	28.2	5.42	29.2	5.42	30.2	5.42	32.4	5.42	45.8	6.38
	21	16.0	5.40	24.2	5.50	30.4	5.62	31.6	5.68	33.0	5.76	35.4	5.84	48.0	6.78
	23	19.4	5.44	28.0	5.78	35.0	6.22	36.8	6.42	38.6	6.66	41.4	6.90	52.8	7.92
	25	23.0	5.62	31.8	6.26	39.6	7.08	41.8	7.50	44.2	7.94	47.2	8.40	57.4	9.48
	27	26.4	6.02	35.6	7.04	44.0	8.34	46.8	8.98	50.0	9.68	53.2	10.38	62.0	11.56
	29	29.8	6.70	39.4	8.20	48.6	10.08	52.0	10.98	55.6	11.98	59.2	12.82	66.8	13.92
	31	33.4	7.80	43.2	9.86	53.2	12.24	57.0	13.20	61.2	14.22	65.2	15.28	71.4	16.44
	33	36.8	9.30	47.2	11.70	57.8	14.34	62.2	15.54	66.8	16.94	71.2	18.26	76.0	19.66
	35	40.4	10.82	51.0	13.56	62.4	16.78	67.2	18.38	72.4	20.06	77.2	21.64	80.8	23.02
	37	40.4	11.50	51.0	14.50	62.4	18.04	67.2	19.72	72.4	21.48	77.2	23.30	80.8	24.58
	39	40.4	12.34	51.0	15.52	62.4	19.36	67.2	21.12	72.4	23.14	77.2	24.86	80.8	26.40
	41	40.4	13.24	51.0	16.72	62.4	20.74	67.2	22.58	72.4	24.72	77.2	26.70	80.8	28.32
	43	40.4	14.20	51.0	17.82	62.4	22.18	67.2	24.30	72.4	26.54	77.2	28.84	80.8	30.54
	46	40.4	15.86	51.0	19.90	62.4	24.76	64.2	25.48	64.2	25.48	64.2	25.48	64.2	25.48
	48	40.4	16.96	51.0	21.32	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94
50	10	11.8	5.42	18.6	5.42	23.4	5.42	24.2	5.42	25.2	5.42	27.0	5.42	38.2	5.50
	12	11.8	5.42	18.6	5.42	23.4	5.42	24.2	5.42	25.2	5.42	27.0	5.42	38.2	5.56
	14	11.8	5.42	18.6	5.42	23.4	5.42	24.2	5.42	25.2	5.42	27.0	5.42	38.2	5.56
	16	11.8	5.42	18.6	5.42	23.4	5.42	24.2	5.42	25.2	5.42	27.0	5.42	38.2	5.64
	18	11.8	5.42	18.6	5.42	23.4	5.42	24.2	5.42	25.2	5.42	27.0	5.42	38.2	5.70
	20	11.8	5.42	18.6	5.42	23.4	5.42	24.2	5.42	25.2	5.42	27.0	5.42	38.2	5.78
	21	13.4	5.36	20.2	5.42	25.4	5.50	26.4	5.54	27.6	5.60	29.4	5.64	40.0	6.02
	23	16.2	5.26	23.4	5.50	29.2	5.80	30.6	5.96	32.2	6.14	34.4	6.30	44.0	6.70
	25	19.2	5.30	26.6	5.74	33.0	6.34	34.8	6.62	36.8	6.92	39.4	7.24	47.8	7.78
	27	22.0	5.48	29.8	6.20	36.8	7.16	39.0	7.58	41.6	8.10	44.4	8.58	51.8	9.26
	29	25.0	5.90	32.8	7.02	40.6	8.38	43.4	9.00	46.2	9.74	49.4	10.50	55.6	11.18
	31	27.8	6.62	36.0	8.16	44.4	10.02	47.6	10.96	51.0	11.78	54.4	12.60	59.6	13.36
	33	30.8	7.74	39.2	9.88	48.2	11.84	51.8	12.78	55.6	13.90	59.2	14.80	63.4	15.64
	35	33.6	9.16	42.4	11.26	52.0	13.74	56.0	14.88	60.4	16.24	64.2	17.46	67.2	18.38
	37	33.6	9.86	42.4	12.10	52.0	14.84	56.0	16.04	60.4	17.46	64.2	18.60	67.2	19.72
	39	33.6	10.50	42.4	12.98	52.0	15.86	56.0	17.12	60.4	18.60	64.2	19.96	67.2	21.12
	41	33.6	11.30	42.4	13.90	52.0	16.92	56.0	18.40	60.4	19.96	64.2	21.54	67.2	22.60
	43	33.6	12.16	42.4	14.90	52.0	18.20	56.0	19.74	60.4	21.38	64.2	23.02	67.2	24.30
	46	33.6	13.40	42.4	16.62	52.0	20.30	56.0	21.96	60.4	23.88	64.2	25.48	64.2	25.48
	48	33.6	14.54	42.4	17.72	52.0	21.74	52.2	21.94	52.2	21.94	52.2	21.94	52.2	21.94

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM420LTE5

Cooling Capacity (42HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	32.5	5.91	50.7	6.72	64.0	7.83	66.2	8.02	68.6	8.26	73.6	8.76	104.0	12.04
	12	32.5	5.91	50.7	6.78	64.0	7.94	66.2	8.12	68.6	8.36	73.6	8.86	104.0	12.24
	14	32.5	5.91	50.7	6.86	64.0	8.02	66.2	8.26	68.6	8.47	73.6	9.01	104.0	12.48
	16	32.5	5.91	50.7	6.94	64.0	8.12	66.2	8.36	68.6	8.55	73.6	9.11	104.0	12.68
	18	32.5	5.91	50.7	7.04	64.0	8.22	66.2	8.47	68.6	8.71	73.6	9.22	104.0	12.93
	20	32.5	5.91	50.7	7.08	64.0	8.36	66.2	8.55	68.6	8.86	73.6	9.38	104.0	13.13
	21	36.4	6.53	55.0	8.09	69.0	9.89	72.1	10.34	75.2	10.95	80.5	11.75	109.5	15.52
	23	44.2	8.07	63.7	10.57	79.5	13.47	83.6	14.55	87.9	15.79	94.1	17.27	120.0	21.35
	25	52.2	10.17	72.4	13.63	89.9	17.78	95.2	19.51	100.8	21.54	107.5	23.82	130.0	28.43
	27	60.2	12.62	81.2	17.18	100.2	22.72	106.7	25.33	113.5	28.42	121.1	31.78	139.1	35.91
	29	67.9	15.66	89.9	21.26	110.6	28.71	118.3	32.35	126.4	36.81	132.7	39.88	147.1	43.82
	31	75.9	18.90	98.4	26.08	121.1	35.75	129.8	40.65	135.1	43.33	139.8	45.41	150.4	48.86
	33	83.9	22.77	107.1	31.70	130.7	43.37	135.2	45.49	140.0	47.92	144.6	50.45	151.6	53.56
	35	91.7	27.18	115.9	37.96	133.0	46.71	137.7	49.35	142.8	52.41	144.5	53.53	144.5	53.53
	37	91.7	29.22	114.1	39.96	125.2	45.47	129.1	47.84	129.1	47.84	129.1	47.84	129.1	47.84
	39	91.7	31.48	106.7	38.48	114.3	42.52	114.3	42.52	114.3	42.52	114.3	42.52	114.3	42.52
	41	89.1	32.32	99.5	37.21	100.0	37.48	100.0	37.48	100.0	37.48	100.0	37.48	100.0	37.48
	43	82.3	31.10	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04
	46	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76
	48	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99
120	10	29.8	5.91	46.8	6.40	59.1	7.43	61.2	7.61	63.4	7.79	67.9	8.22	96.2	11.09
	12	29.8	5.91	46.8	6.47	59.1	7.51	61.2	7.69	63.4	7.88	67.9	8.30	96.2	11.27
	14	29.8	5.91	46.8	6.57	59.1	7.61	61.2	7.79	63.4	7.98	67.9	8.41	96.2	11.46
	16	29.8	5.91	46.8	6.57	59.1	7.69	61.2	7.83	63.4	8.12	67.9	8.55	96.2	11.68
	18	29.8	5.91	46.8	6.65	59.1	7.75	61.2	7.94	63.4	8.18	67.9	8.65	96.2	11.87
	20	29.8	5.91	46.8	6.72	59.1	7.83	61.2	8.08	63.4	8.26	67.9	8.76	96.2	12.12
	21	33.6	6.40	50.8	7.57	63.7	9.13	66.5	9.61	69.3	10.05	74.2	10.78	101.1	14.13
	23	40.9	7.68	58.8	9.73	73.5	12.27	77.1	13.19	81.2	14.27	86.8	15.45	110.9	18.86
	25	48.2	9.44	66.8	12.37	83.0	16.01	87.8	17.48	93.0	19.18	99.4	21.08	120.7	25.07
	27	55.4	11.66	74.9	15.58	92.5	20.31	98.4	22.44	104.7	24.96	111.9	27.60	130.5	32.30
	29	62.7	14.30	82.9	19.17	102.2	25.35	109.2	28.35	116.6	31.94	124.3	35.70	140.3	40.98
	31	70.0	17.24	91.0	23.30	111.7	31.41	119.7	35.35	128.5	40.23	133.9	42.80	143.9	45.70
	33	77.4	20.63	99.0	28.21	121.4	38.36	130.1	43.19	134.5	45.20	138.8	47.28	145.3	49.79
	35	84.7	24.51	107.1	33.70	128.3	44.49	132.7	46.58	137.4	49.20	141.6	51.62	144.5	53.53
	37	84.7	26.30	107.1	36.34	120.5	42.99	124.9	45.33	129.1	47.84	129.1	47.84	129.1	47.84
	39	84.7	28.29	102.9	36.66	113.1	41.81	114.3	42.52	114.3	42.52	114.3	42.52	114.3	42.52
	41	84.7	30.29	95.7	35.27	100.0	37.48	100.0	37.48	100.0	37.48	100.0	37.48	100.0	37.48
	43	79.3	29.73	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04
	46	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76
	48	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99
110	10	27.3	5.91	42.8	6.17	54.2	7.04	56.0	7.16	58.1	7.33	62.3	7.69	88.1	10.22
	12	27.3	5.91	42.8	6.21	54.2	7.04	56.0	7.25	58.1	7.43	62.3	7.79	88.1	10.41
	14	27.3	5.91	42.8	6.21	54.2	7.12	56.0	7.33	58.1	7.51	62.3	7.88	88.1	10.52
	16	27.3	5.91	42.8	6.28	54.2	7.19	56.0	7.43	58.1	7.61	62.3	7.98	88.1	10.69
	18	27.3	5.91	42.8	6.32	54.2	7.29	56.0	7.51	58.1	7.69	62.3	8.08	88.1	10.91
	20	27.3	5.91	42.8	6.40	54.2	7.43	56.0	7.61	58.1	7.75	62.3	8.18	88.1	11.04
	21	30.8	6.30	46.5	7.09	58.5	8.53	60.9	8.88	63.6	9.26	68.2	9.88	92.5	12.74
	23	37.4	7.31	53.9	8.86	67.2	11.09	70.7	11.91	74.5	12.87	79.5	13.89	101.5	16.78
	25	44.1	8.76	61.3	11.17	76.0	14.32	80.5	15.60	85.3	17.04	91.0	18.57	110.6	21.71
	27	50.8	10.67	68.6	13.97	84.8	18.09	90.3	19.87	96.2	21.92	102.5	24.05	119.4	27.89
	29	57.5	12.95	76.0	17.10	93.5	22.35	100.1	24.81	107.0	27.66	114.1	30.60	128.5	34.97
	31	64.3	15.63	83.3	20.71	102.5	27.57	109.9	30.77	117.9	34.61	125.6	38.47	137.3	42.99
	33	71.0	18.55	90.7	24.95	111.3	33.44	119.7	37.62	128.7	42.45	132.9	44.56	139.0	46.61
	35	77.7	21.97	98.0	29.83	120.0	40.13	127.6	44.23	132.0	46.29	135.8	48.23	138.8	49.95
	37	77.7	23.56	98.0	32.01	115.8	40.70	119.8	42.71	124.2	44.91	128.0	47.21	129.1	47.84
	39	77.7	25.30	98.0	34.43	108.4	39.26	112.4	41.40	114.3	42.52	114.3	42.52	114.3	42.52
	41	77.7	27.12	91.8	33.47	100.0	37.48	100.0	37.48	100.0	37.48	100.0	37.48	100.0	37.48
	43	76.3	28.44	85.0	32.31	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04
	46	66.3	26.64	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76
	48	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99

7. Capacity Tables

Cooling Capacity (42HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	24.9	5.91	38.9	5.99	49.3	6.57	51.0	6.72	52.8	6.90	56.7	7.19	80.1	9.38
	12	24.9	5.91	38.9	6.03	49.3	6.65	51.0	6.82	52.8	6.94	56.7	7.29	80.1	9.52
	14	24.9	5.91	38.9	6.03	49.3	6.72	51.0	6.86	52.8	7.04	56.7	7.37	80.1	9.62
	16	24.9	5.91	38.9	6.07	49.3	6.82	51.0	6.94	52.8	7.12	56.7	7.43	80.1	9.79
	18	24.9	5.91	38.9	6.13	49.3	6.86	51.0	7.04	52.8	7.19	56.7	7.51	80.1	9.96
	20	24.9	5.91	38.9	6.13	49.3	6.94	51.0	7.12	52.8	7.25	56.7	7.65	80.1	10.07
	21	28.0	6.18	42.3	6.67	53.2	7.82	55.3	8.18	57.8	8.49	61.9	9.08	84.1	11.48
	23	34.0	6.96	49.0	8.13	61.2	10.04	64.4	10.73	67.6	11.50	72.4	12.40	92.4	14.86
	25	40.2	8.11	55.7	10.09	69.2	12.74	73.2	13.85	77.4	15.09	82.7	16.35	100.5	18.91
	27	46.2	9.70	62.3	12.46	77.1	16.00	82.0	17.53	87.4	19.22	93.1	21.00	108.6	23.91
	29	52.2	11.71	69.0	15.25	85.1	19.67	91.0	21.69	97.3	24.05	103.6	26.39	116.9	29.82
	31	58.4	14.09	75.7	18.45	93.1	24.01	99.8	26.60	107.1	29.71	114.1	32.82	125.0	36.54
	33	64.4	16.65	82.5	22.00	101.1	29.04	108.8	32.42	116.9	36.38	124.6	40.19	132.7	43.73
	35	70.7	19.60	89.2	26.13	109.1	34.64	117.6	38.82	126.5	43.64	130.0	45.27	132.8	46.69
	37	70.7	21.04	89.2	28.19	109.1	37.35	114.8	40.32	118.7	42.09	122.2	43.92	125.0	45.45
	39	70.7	22.58	89.2	30.19	103.7	37.02	107.4	38.75	111.3	40.84	114.3	42.52	114.3	42.52
	41	70.7	24.15	88.0	31.79	96.5	35.66	100.0	37.48	100.0	37.48	100.0	37.48	100.0	37.48
	43	70.7	25.94	81.2	30.53	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04
	46	63.3	25.32	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76
	48	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99
90	10	22.4	5.91	35.0	5.91	44.2	6.21	45.9	6.36	47.6	6.47	51.1	6.72	72.1	8.55
	12	22.4	5.91	35.0	5.91	44.2	6.28	45.9	6.40	47.6	6.57	51.1	6.82	72.1	8.71
	14	22.4	5.91	35.0	5.91	44.2	6.32	45.9	6.47	47.6	6.57	51.1	6.86	72.1	8.82
	16	22.4	5.91	35.0	5.91	44.2	6.40	45.9	6.47	47.6	6.65	51.1	6.94	72.1	8.90
	18	22.4	5.91	35.0	5.91	44.2	6.47	45.9	6.57	47.6	6.72	51.1	7.04	72.1	9.11
	20	22.4	5.91	35.0	5.95	44.2	6.47	45.9	6.65	47.6	6.78	51.1	7.12	72.1	9.22
	21	25.2	6.11	38.1	6.37	47.9	7.17	49.8	7.47	52.1	7.77	55.7	8.25	75.7	10.35
	23	30.7	6.67	44.1	7.47	55.0	8.98	57.8	9.61	60.9	10.26	65.1	10.99	83.0	13.06
	25	36.1	7.54	50.1	9.04	62.3	11.27	65.8	12.21	69.7	13.26	74.5	14.35	90.4	16.46
	27	41.6	8.79	56.1	11.09	69.3	14.05	73.9	15.34	78.7	16.77	84.0	18.14	97.7	20.38
	29	47.2	10.57	62.2	13.49	76.6	17.24	81.9	18.87	87.5	20.75	93.4	22.60	105.1	25.23
	31	52.5	12.56	68.2	16.20	83.7	20.77	89.9	22.94	96.3	25.41	102.6	27.84	112.4	30.80
	33	58.1	14.86	74.2	19.39	91.0	25.15	97.9	27.84	105.3	30.91	112.0	33.97	119.8	37.01
	35	63.6	17.33	80.2	22.86	98.1	29.83	105.8	33.17	114.1	37.10	121.5	40.90	126.7	43.76
	37	63.6	18.60	80.2	24.56	98.1	32.01	105.8	35.66	113.3	39.61	116.5	41.06	118.9	42.20
	39	63.6	19.98	80.2	26.35	98.1	34.45	102.4	36.43	105.9	38.10	109.1	39.64	111.5	40.86
	41	63.6	21.46	80.2	28.25	91.9	33.47	95.2	35.03	98.7	36.81	100.0	37.48	100.0	37.48
	43	63.6	23.00	77.4	28.96	85.1	32.31	86.4	33.04	86.4	33.04	86.4	33.04	86.4	33.04
	46	60.2	24.08	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76
	48	54.2	22.89	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99
80	10	19.9	5.91	31.2	5.91	39.3	5.99	40.9	6.07	42.3	6.13	45.4	6.28	64.1	7.83
	12	19.9	5.91	31.2	5.91	39.3	6.03	40.9	6.07	42.3	6.17	45.4	6.36	64.1	7.94
	14	19.9	5.91	31.2	5.91	39.3	6.07	40.9	6.13	42.3	6.21	45.4	6.40	64.1	8.02
	16	19.9	5.91	31.2	5.91	39.3	6.07	40.9	6.17	42.3	6.25	45.4	6.47	64.1	8.12
	18	19.9	5.91	31.2	5.91	39.3	6.13	40.9	6.21	42.3	6.28	45.4	6.57	64.1	8.26
	20	19.9	5.91	31.2	5.91	39.3	6.17	40.9	6.25	42.3	6.32	45.4	6.61	64.1	8.36
	21	22.4	6.02	33.9	6.21	42.6	6.68	44.4	6.88	46.2	7.08	49.4	7.49	67.3	9.24
	23	27.3	6.39	39.2	7.02	49.0	8.01	51.4	8.48	54.2	9.08	57.8	9.69	73.9	11.46
	25	32.2	7.01	44.5	8.17	55.3	9.89	58.5	10.66	62.0	11.54	66.2	12.43	80.5	14.19
	27	37.0	7.95	50.0	9.80	61.6	12.17	65.7	13.24	69.9	14.43	74.6	15.60	86.9	17.44
	29	41.9	9.32	55.3	11.87	68.2	14.94	72.8	16.30	77.7	17.79	82.9	19.24	93.5	21.28
	31	46.6	11.14	60.6	14.22	74.5	17.92	79.8	19.68	85.7	21.63	91.3	23.53	100.1	25.90
	33	51.5	13.15	65.9	16.82	80.9	21.50	87.1	23.67	93.5	26.17	99.7	28.58	106.5	30.91
	35	56.4	15.28	71.4	19.81	87.2	25.51	94.1	28.22	101.5	31.20	107.9	34.20	113.1	36.57
	37	56.4	16.42	71.4	21.25	87.2	27.36	94.1	30.22	101.5	33.61	107.9	36.79	112.9	39.39
	39	56.4	17.56	71.4	22.81	87.2	29.42	94.1	32.52	100.5	35.62	103.3	36.88	105.5	37.86
	41	56.4	18.83	71.4	24.51	87.2	31.46	90.1	32.68	93.3	34.07	96.1	35.41	98.3	36.55
	43	56.4	20.23	71.4	26.31	80.4	30.19	83.3	31.57	86.4	33.04	86.4	33.04	86.4	33.04
	46	56.4	22.52	63.6	25.43	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76
	48	51.2	21.66	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99

7. Capacity Tables

Cooling Capacity (42HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	17.5	5.91	27.3	5.91	34.4	5.91	35.7	5.91	37.0	5.91	39.6	6.03	56.0	7.16
	12	17.5	5.91	27.3	5.91	34.4	5.91	35.7	5.91	37.0	5.91	39.6	6.03	56.0	7.25
	14	17.5	5.91	27.3	5.91	34.4	5.91	35.7	5.91	37.0	5.95	39.6	6.07	56.0	7.33
	16	17.5	5.91	27.3	5.91	34.4	5.91	35.7	5.91	37.0	5.99	39.6	6.13	56.0	7.43
	18	17.5	5.91	27.3	5.91	34.4	5.91	35.7	5.95	37.0	6.03	39.6	6.13	56.0	7.51
	20	17.5	5.91	27.3	5.91	34.4	5.91	35.7	5.99	37.0	6.03	39.6	6.17	56.0	7.61
	21	19.6	5.96	29.7	6.08	37.2	6.27	38.8	6.45	40.5	6.59	43.4	6.80	58.8	8.24
	23	23.8	6.14	34.3	6.62	42.7	7.28	45.1	7.62	47.3	8.04	50.7	8.48	64.7	9.88
	25	28.0	6.55	38.9	7.43	48.3	8.65	51.2	9.28	54.2	9.95	58.0	10.68	70.3	12.11
	27	32.3	7.20	43.7	8.63	53.9	10.54	57.4	11.41	61.2	12.30	65.2	13.26	76.0	14.77
	29	36.7	8.25	48.3	10.36	59.5	12.80	63.7	13.92	68.0	15.17	72.5	16.30	81.8	17.84
	31	40.9	9.76	53.1	12.35	65.1	15.39	70.0	16.72	74.9	18.25	79.8	19.74	87.5	21.52
	33	45.1	11.57	57.7	14.61	70.7	18.23	76.0	19.94	81.9	21.92	87.2	23.75	93.1	25.65
	35	49.4	13.35	62.3	17.04	76.3	21.56	82.3	23.63	88.8	26.10	94.5	28.25	99.0	30.19
	37	49.4	14.32	62.3	18.28	76.3	23.12	82.3	25.37	88.8	27.96	94.5	30.43	99.0	32.43
	39	49.4	15.26	62.3	19.57	76.3	24.82	82.3	27.21	88.8	30.05	94.5	32.67	99.0	34.86
	41	49.4	16.43	62.3	21.04	76.3	26.64	82.3	29.34	87.8	31.77	90.3	32.78	92.2	33.60
	43	49.4	17.65	62.3	22.55	75.7	28.23	78.3	29.30	81.0	30.52	83.5	31.58	85.4	32.54
	46	49.4	19.63	59.7	23.88	65.7	26.41	66.6	26.76	66.6	26.76	66.6	26.76	66.6	26.76
	48	48.2	20.50	53.7	22.69	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99
60	10	15.0	5.91	23.4	5.91	29.4	5.91	30.5	5.91	31.8	5.91	34.0	5.91	48.0	6.47
	12	15.0	5.91	23.4	5.91	29.4	5.91	30.5	5.91	31.8	5.91	34.0	5.91	48.0	6.57
	14	15.0	5.91	23.4	5.91	29.4	5.91	30.5	5.91	31.8	5.91	34.0	5.91	48.0	6.65
	16	15.0	5.91	23.4	5.91	29.4	5.91	30.5	5.91	31.8	5.91	34.0	5.91	48.0	6.69
	18	15.0	5.91	23.4	5.91	29.4	5.91	30.5	5.91	31.8	5.91	34.0	5.91	48.0	6.78
	20	15.0	5.91	23.4	5.91	29.4	5.91	30.5	5.91	31.8	5.91	34.0	5.91	48.0	6.86
	21	16.8	5.90	25.5	5.99	31.9	6.12	33.2	6.18	34.7	6.27	37.1	6.34	50.4	7.30
	23	20.4	5.92	29.4	6.29	36.7	6.76	38.5	6.96	40.6	7.24	43.4	7.47	55.3	8.43
	25	24.1	6.13	33.3	6.80	41.6	7.68	43.8	8.11	46.5	8.59	49.7	9.09	60.2	10.12
	27	27.7	6.53	37.4	7.63	46.2	9.03	49.3	9.70	52.5	10.45	56.0	11.19	65.1	12.26
	29	31.5	7.27	41.4	8.87	51.1	10.88	54.6	11.71	58.4	12.64	62.3	13.65	70.0	14.80
	31	35.0	8.36	45.5	10.56	55.9	12.98	59.9	14.09	64.3	15.27	68.5	16.40	74.9	17.63
	33	38.8	9.94	49.4	12.50	60.6	15.32	65.2	16.65	70.1	18.12	74.6	19.54	79.8	20.95
	35	42.4	11.54	53.5	14.47	65.4	17.99	70.6	19.60	76.0	21.46	80.9	23.19	84.7	24.52
	37	42.4	12.34	53.5	15.50	65.4	19.29	70.6	21.04	76.0	22.99	80.9	24.79	84.7	26.31
	39	42.4	13.18	53.5	16.66	65.4	20.63	70.6	22.58	76.0	24.70	80.9	26.61	84.7	28.29
	41	42.4	14.23	53.5	17.87	65.4	22.13	70.6	24.15	76.0	26.51	80.9	28.62	84.7	30.41
	43	42.4	15.18	53.5	19.18	65.4	23.81	70.6	25.94	75.6	28.22	77.7	29.07	79.3	29.74
	46	42.4	16.93	53.5	21.18	61.0	24.39	63.2	25.32	65.6	26.31	66.6	26.76	66.6	26.76
	48	42.4	18.19	49.9	21.17	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99	54.4	22.99
50	10	12.5	5.91	19.5	5.91	24.5	5.91	25.5	5.91	26.3	5.91	28.3	5.91	40.0	6.03
	12	12.5	5.91	19.5	5.91	24.5	5.91	25.5	5.91	26.3	5.91	28.3	5.91	40.0	6.07
	14	12.5	5.91	19.5	5.91	24.5	5.91	25.5	5.91	26.3	5.91	28.3	5.91	40.0	6.07
	16	12.5	5.91	19.5	5.91	24.5	5.91	25.5	5.91	26.3	5.91	28.3	5.91	40.0	6.13
	18	12.5	5.91	19.5	5.91	24.5	5.91	25.5	5.91	26.3	5.91	28.3	5.91	40.0	6.17
	20	12.5	5.91	19.5	5.91	24.5	5.91	25.5	5.91	26.3	5.91	28.3	5.91	40.0	6.21
	21	14.0	5.84	21.1	5.90	26.6	5.99	27.7	6.05	29.0	6.11	30.9	6.15	42.0	6.46
	23	17.1	5.76	24.5	5.99	30.5	6.32	32.2	6.48	33.9	6.65	36.1	6.83	46.2	7.20
	25	20.0	5.78	27.9	6.26	34.6	6.88	36.7	7.17	38.8	7.50	41.3	7.83	50.3	8.35
	27	23.1	5.97	31.2	6.75	38.5	7.72	41.0	8.21	43.7	8.75	46.6	9.27	54.3	9.92
	29	26.2	6.40	34.6	7.54	42.6	9.03	45.5	9.70	48.6	10.53	51.8	11.20	58.4	11.90
	31	29.1	7.14	37.8	8.80	46.5	10.76	50.0	11.59	53.5	12.54	57.0	13.45	62.6	14.26
	33	32.2	8.33	41.3	10.45	50.5	12.70	54.3	13.74	58.5	14.78	62.3	15.82	66.5	16.78
	35	35.3	9.82	44.5	12.04	54.6	14.75	58.8	15.94	63.4	17.33	67.5	18.60	70.7	19.61
	37	35.3	10.48	44.5	12.91	54.6	15.79	58.8	17.11	63.4	18.59	67.5	19.91	70.7	21.04
	39	35.3	11.30	44.5	13.89	54.6	16.97	58.8	18.36	63.4	19.90	67.5	21.46	70.7	22.58
	41	35.3	12.11	44.5	14.90	54.6	18.21	58.8	19.74	63.4	21.35	67.5	22.92	70.7	24.28
	43	35.3	13.03	44.5	15.95	54.6	19.52	58.8	21.11	63.4	22.92	67.5	24.63	70.7	26.05
	46	35.3	14.47	44.5	17.73	54.6	21.71	58.2	23.28	60.2	24.07	61.9	24.79	63.3	25.33
	48	35.3	15.53	44.5	19.05	50.4	21.36	52.2	22.07	54.2	22.89	54.4	22.99	54.4	22.99

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM440LTE5

Cooling Capacity (44HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	34.0	5.87	53.1	6.91	67.0	8.12	69.4	8.31	71.9	8.56	77.1	9.07	109.0	12.63
	12	34.0	5.87	53.1	6.97	67.0	8.23	69.4	8.41	71.9	8.71	77.1	9.22	109.0	12.88
	14	34.0	5.87	53.1	7.05	67.0	8.31	69.4	8.56	71.9	8.81	77.1	9.37	109.0	13.08
	16	34.0	5.87	53.1	7.13	67.0	8.41	69.4	8.66	71.9	8.90	77.1	9.47	109.0	13.34
	18	34.0	5.87	53.1	7.23	67.0	8.52	69.4	8.81	71.9	9.07	77.1	9.58	109.0	13.59
	20	34.0	5.87	53.1	7.31	67.0	8.66	69.4	8.90	71.9	9.17	77.1	9.80	109.0	13.85
	21	38.1	6.58	57.6	8.44	72.3	10.37	75.5	10.89	78.8	11.48	84.3	12.41	114.7	16.50
	23	46.3	8.33	66.7	11.20	83.3	14.30	87.6	15.47	92.1	16.85	98.6	18.51	125.8	22.94
	25	54.6	10.69	75.9	14.52	94.2	19.01	99.7	20.95	105.6	23.20	112.6	25.75	136.2	30.97
	27	63.0	13.45	85.0	18.38	104.9	24.50	111.8	27.40	118.9	30.81	126.9	34.62	145.9	39.68
	29	71.2	16.63	94.2	22.88	115.9	31.03	123.9	35.16	132.4	40.12	139.2	43.96	153.9	48.30
	31	79.6	20.21	103.1	28.12	126.8	38.93	136.0	44.39	141.7	47.88	146.8	50.94	156.0	53.49
	33	87.9	24.41	112.2	34.22	137.0	47.34	141.9	50.31	146.0	52.99	146.7	53.13	150.8	54.21
	35	96.1	29.26	121.4	41.05	139.7	51.76	141.7	53.17	141.7	53.17	141.7	53.17	141.7	53.17
	37	96.1	31.49	119.6	43.46	126.5	47.49	126.5	47.49	126.5	47.49	126.5	47.49	126.5	47.49
	39	96.1	33.87	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19
	41	93.5	34.96	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16
	43	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74
	46	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91
120	10	31.2	5.87	49.1	6.58	61.9	7.67	64.1	7.86	66.4	8.04	71.2	8.52	100.8	11.60
	12	31.2	5.87	49.1	6.62	61.9	7.75	64.1	7.94	66.4	8.12	71.2	8.60	100.8	11.78
	14	31.2	5.87	49.1	6.72	61.9	7.86	64.1	8.04	66.4	8.23	71.2	8.71	100.8	12.03
	16	31.2	5.87	49.1	6.75	61.9	7.94	64.1	8.12	66.4	8.37	71.2	8.85	100.8	12.26
	18	31.2	5.87	49.1	6.83	61.9	8.04	64.1	8.23	66.4	8.47	71.2	8.96	100.8	12.45
	20	31.2	5.87	49.1	6.91	61.9	8.12	64.1	8.37	66.4	8.60	71.2	9.11	100.8	12.71
	21	35.2	6.44	53.2	7.87	66.8	9.58	69.7	10.08	72.6	10.59	77.8	11.34	105.9	14.93
	23	42.9	7.91	61.6	10.28	76.9	13.05	80.7	14.01	85.0	15.17	90.9	16.48	116.2	20.20
	25	50.5	9.88	70.0	13.22	86.9	17.07	92.0	18.70	97.5	20.62	104.1	22.68	126.4	27.01
	27	58.0	12.38	78.4	16.59	96.9	21.82	103.1	24.19	109.7	26.98	117.3	29.92	136.7	35.35
	29	65.7	15.15	86.9	20.53	107.0	27.31	114.4	30.66	122.1	34.65	130.2	38.86	147.0	44.90
	31	73.4	18.32	95.3	25.06	117.0	34.08	125.5	38.50	134.6	43.94	140.4	47.22	151.0	50.81
	33	81.1	22.04	103.7	30.46	127.2	41.71	136.3	47.14	141.2	49.98	145.9	52.98	149.7	53.90
	35	88.7	26.30	112.1	36.36	134.5	48.61	139.4	51.59	141.7	53.17	141.7	53.17	141.7	53.17
	37	88.7	28.18	112.1	39.26	126.5	47.49	126.5	47.49	126.5	47.49	126.5	47.49	126.5	47.49
	39	88.7	30.35	107.9	39.97	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19
	41	88.7	32.55	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16
	43	83.3	32.23	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74
	46	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91
110	10	28.6	5.87	44.8	6.27	56.8	7.23	58.7	7.39	60.9	7.57	65.3	7.94	92.3	10.66
	12	28.6	5.87	44.8	6.35	56.8	7.27	58.7	7.49	60.9	7.67	65.3	8.04	92.3	10.85
	14	28.6	5.87	44.8	6.35	56.8	7.35	58.7	7.57	60.9	7.75	65.3	8.12	92.3	11.02
	16	28.6	5.87	44.8	6.43	56.8	7.43	58.7	7.67	60.9	7.86	65.3	8.23	92.3	11.19
	18	28.6	5.87	44.8	6.50	56.8	7.53	58.7	7.75	60.9	7.94	65.3	8.37	92.3	11.41
	20	28.6	5.87	44.8	6.58	56.8	7.67	58.7	7.86	60.9	8.04	65.3	8.52	92.3	11.55
	21	32.2	6.33	48.8	7.36	61.3	8.90	63.8	9.29	66.7	9.72	71.4	10.41	96.9	13.43
	23	39.2	7.49	56.5	9.35	70.4	11.77	74.1	12.63	78.0	13.66	83.3	14.76	106.4	17.86
	25	46.2	9.13	64.2	11.91	79.6	15.23	84.3	16.64	89.4	18.24	95.4	19.91	115.8	23.32
	27	53.2	11.30	71.9	14.90	88.8	19.35	94.6	21.32	100.8	23.61	107.4	25.96	125.1	30.24
	29	60.2	13.79	79.6	18.31	98.0	24.04	104.8	26.74	112.1	29.92	119.5	33.23	134.6	38.14
	31	67.4	16.58	87.3	22.23	107.4	29.76	115.1	33.29	123.5	37.61	131.6	41.99	143.9	46.98
	33	74.4	19.80	95.0	26.88	116.5	36.23	125.4	40.83	134.9	46.34	139.4	48.99	146.0	51.72
	35	81.4	23.49	102.7	32.12	125.7	43.55	133.8	48.19	138.6	51.12	141.7	53.17	141.7	53.17
	37	81.4	25.24	102.7	34.52	121.5	44.55	126.0	47.18	126.5	47.49	126.5	47.49	126.5	47.49
	39	81.4	27.06	102.7	37.17	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19
	41	81.4	29.06	96.5	36.48	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16
	43	80.0	30.57	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74
	46	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91

7. Capacity Tables

Cooling Capacity (44HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	26.1	5.87	40.7	5.95	51.6	6.75	53.5	6.91	55.4	7.09	59.4	7.43	83.9	9.80
	12	26.1	5.87	40.7	6.03	51.6	6.83	53.5	7.01	55.4	7.17	59.4	7.49	83.9	9.89
	14	26.1	5.87	40.7	6.03	51.6	6.91	53.5	7.09	55.4	7.23	59.4	7.57	83.9	10.00
	16	26.1	5.87	40.7	6.10	51.6	7.01	53.5	7.13	55.4	7.31	59.4	7.67	83.9	10.22
	18	26.1	5.87	40.7	6.20	51.6	7.05	53.5	7.23	55.4	7.39	59.4	7.75	83.9	10.39
	20	26.1	5.87	40.7	6.20	51.6	7.13	53.5	7.31	55.4	7.49	59.4	7.90	83.9	10.55
	21	29.3	6.20	44.3	6.82	55.7	8.12	58.0	8.50	60.5	8.88	64.9	9.49	88.1	12.14
	23	35.6	7.11	51.3	8.49	64.1	10.64	67.4	11.39	70.8	12.21	75.8	13.14	96.8	15.83
	25	42.1	8.43	58.3	10.70	72.5	13.61	76.7	14.78	81.1	16.09	86.6	17.46	105.3	20.26
	27	48.4	10.21	65.3	13.36	80.7	17.09	85.9	18.73	91.6	20.61	97.6	22.57	113.7	25.72
	29	54.7	12.45	72.3	16.23	89.1	21.07	95.3	23.28	101.9	25.92	108.6	28.46	122.4	32.40
	31	61.2	14.92	79.3	19.67	97.5	25.80	104.5	28.71	112.2	32.07	119.5	35.61	130.9	39.78
	33	67.5	17.69	86.5	23.63	105.9	31.41	114.0	35.05	122.5	39.51	130.5	43.83	139.0	47.71
	35	74.0	20.95	93.5	28.08	114.3	37.46	123.2	42.06	132.6	47.60	136.5	49.77	139.5	51.73
	37	74.0	22.46	93.5	30.24	114.3	40.42	120.4	43.88	124.8	46.43	126.5	47.49	126.5	47.49
	39	74.0	24.14	93.5	32.44	108.9	40.50	112.0	42.19	112.0	42.19	112.0	42.19	112.0	42.19
	41	74.0	25.79	92.3	34.35	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16
	43	74.0	27.75	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74
	46	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91
90	10	23.5	5.87	36.7	5.87	46.3	6.35	48.0	6.50	49.8	6.66	53.5	6.91	75.5	8.90
	12	23.5	5.87	36.7	5.87	46.3	6.43	48.0	6.58	49.8	6.72	53.5	7.01	75.5	9.07
	14	23.5	5.87	36.7	5.87	46.3	6.50	48.0	6.62	49.8	6.75	53.5	7.09	75.5	9.17
	16	23.5	5.87	36.7	5.87	46.3	6.54	48.0	6.66	49.8	6.83	53.5	7.13	75.5	9.26
	18	23.5	5.87	36.7	5.87	46.3	6.62	48.0	6.75	49.8	6.91	53.5	7.23	75.5	9.47
	20	23.5	5.87	36.7	5.91	46.3	6.66	48.0	6.83	49.8	7.01	53.5	7.31	75.5	9.58
	21	26.4	6.12	39.9	6.41	50.2	7.44	52.1	7.76	54.6	8.12	58.3	8.59	79.3	10.85
	23	32.2	6.79	46.2	7.67	57.6	9.44	60.6	10.15	63.8	10.86	68.2	11.68	87.0	13.92
	25	37.8	7.80	52.5	9.43	65.2	12.04	69.0	13.03	73.0	14.12	78.1	15.29	94.7	17.57
	27	43.6	9.20	58.7	11.76	72.7	15.01	77.4	16.37	82.4	17.91	87.9	19.45	102.4	21.88
	29	49.4	11.15	65.2	14.34	80.3	18.41	85.8	20.21	91.7	22.30	97.8	24.35	110.1	27.25
	31	55.0	13.38	71.5	17.25	87.7	22.28	94.2	24.67	100.9	27.41	107.5	30.02	117.8	33.41
	33	60.8	15.77	77.7	20.69	95.3	27.02	102.6	29.99	110.3	33.38	117.4	36.78	125.5	40.09
	35	66.7	18.44	84.0	24.49	102.7	32.12	110.8	35.81	119.5	40.15	127.2	44.46	132.8	47.62
	37	66.7	19.84	84.0	26.28	102.7	34.52	110.8	38.55	118.7	43.05	122.2	44.97	125.0	46.57
	39	66.7	21.28	84.0	28.24	102.7	37.20	107.4	39.60	111.3	41.77	112.0	42.19	112.0	42.19
	41	66.7	22.82	84.0	30.33	96.5	36.49	97.9	37.16	97.9	37.16	97.9	37.16	97.9	37.16
	43	66.7	24.51	81.2	31.15	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74
	46	63.3	25.79	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91
80	10	20.9	5.87	32.6	5.87	41.1	5.95	42.8	6.10	44.3	6.20	47.6	6.43	67.1	8.12
	12	20.9	5.87	32.6	5.87	41.1	6.03	42.8	6.10	44.3	6.27	47.6	6.50	67.1	8.23
	14	20.9	5.87	32.6	5.87	41.1	6.10	42.8	6.20	44.3	6.35	47.6	6.58	67.1	8.31
	16	20.9	5.87	32.6	5.87	41.1	6.10	42.8	6.27	44.3	6.39	47.6	6.66	67.1	8.41
	18	20.9	5.87	32.6	5.87	41.1	6.20	42.8	6.35	44.3	6.43	47.6	6.72	67.1	8.56
	20	20.9	5.87	32.6	5.87	41.1	6.27	42.8	6.39	44.3	6.50	47.6	6.79	67.1	8.66
	21	23.4	6.02	35.5	6.23	44.7	6.86	46.5	7.11	48.4	7.36	51.8	7.79	70.5	9.65
	23	28.6	6.48	41.1	7.17	51.3	8.36	53.9	8.93	56.8	9.56	60.6	10.23	77.4	12.13
	25	33.7	7.20	46.6	8.50	57.9	10.49	61.3	11.35	64.9	12.31	69.3	13.27	84.3	15.15
	27	38.8	8.28	52.4	10.31	64.6	13.07	68.9	14.16	73.3	15.41	78.1	16.66	91.0	18.65
	29	43.9	9.84	57.9	12.61	71.4	15.88	76.3	17.37	81.4	19.04	86.9	20.65	97.9	22.86
	31	48.8	11.81	63.5	15.06	78.1	19.13	83.6	21.08	89.8	23.24	95.7	25.30	104.8	27.96
	33	54.0	13.88	69.0	17.87	84.7	23.03	91.2	25.38	97.9	28.15	104.4	30.85	111.5	33.39
	35	59.1	16.24	74.8	21.16	91.3	27.34	98.6	30.35	106.3	33.65	113.0	36.90	118.4	39.58
	37	59.1	17.44	74.8	22.68	91.3	29.37	98.6	32.54	106.3	36.29	113.0	39.83	118.2	42.79
	39	59.1	18.62	74.8	24.38	91.3	31.63	98.6	34.98	105.3	38.55	108.4	40.13	110.8	41.49
	41	59.1	20.02	74.8	26.25	91.3	33.88	94.6	35.47	97.9	37.16	97.9	37.16	97.9	37.16
	43	59.1	21.47	74.8	28.13	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74	84.5	32.74
	46	59.1	23.93	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91

7. Capacity Tables

Cooling Capacity (44HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	18.3	5.87	28.6	5.87	36.0	5.87	37.4	5.87	38.8	5.87	41.5	6.03	58.7	7.39
	12	18.3	5.87	28.6	5.87	36.0	5.87	37.4	5.87	38.8	5.87	41.5	6.03	58.7	7.49
	14	18.3	5.87	28.6	5.87	36.0	5.87	37.4	5.87	38.8	5.91	41.5	6.10	58.7	7.57
	16	18.3	5.87	28.6	5.87	36.0	5.87	37.4	5.87	38.8	5.95	41.5	6.20	58.7	7.67
	18	18.3	5.87	28.6	5.87	36.0	5.87	37.4	5.91	38.8	6.03	41.5	6.20	58.7	7.75
	20	18.3	5.87	28.6	5.87	36.0	5.87	37.4	5.95	38.8	6.03	41.5	6.27	58.7	7.86
	21	20.5	5.95	31.1	6.09	38.9	6.30	40.7	6.49	42.5	6.67	45.4	7.00	61.7	8.57
	23	24.9	6.20	35.9	6.72	44.8	7.46	47.2	7.82	49.5	8.35	53.1	8.91	67.8	10.42
	25	29.4	6.69	40.8	7.68	50.6	9.02	53.6	9.73	56.8	10.48	60.8	11.35	73.7	12.92
	27	33.8	7.44	45.8	9.05	56.5	11.13	60.2	12.12	64.1	13.15	68.3	14.17	79.6	15.78
	29	38.4	8.64	50.6	10.97	62.4	13.62	66.7	14.81	71.2	16.14	75.9	17.39	85.7	19.06
	31	42.9	10.30	55.7	13.13	68.2	16.35	73.3	17.80	78.5	19.52	83.6	21.14	91.7	23.04
	33	47.3	12.20	60.5	15.45	74.1	19.48	79.6	21.26	85.8	23.48	91.3	25.54	97.6	27.57
	35	51.7	14.11	65.3	18.07	80.0	23.06	86.2	25.38	93.1	28.04	99.0	30.38	103.7	32.50
	37	51.7	15.12	65.3	19.44	80.0	24.77	86.2	27.20	93.1	30.00	99.0	32.77	103.7	35.04
	39	51.7	16.17	65.3	20.86	80.0	26.56	86.2	29.23	93.1	32.29	99.0	35.23	103.7	37.63
	41	51.7	17.39	65.3	22.39	80.0	28.55	86.2	31.46	92.1	34.23	94.8	35.59	96.9	36.63
	43	51.7	18.73	65.3	24.05	79.4	30.33	82.2	31.63	84.5	32.74	84.5	32.74	84.5	32.74
	46	51.7	20.79	62.7	25.57	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	50.5	21.78	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91
60	10	15.7	5.87	24.5	5.87	30.9	5.87	32.0	5.87	33.3	5.87	35.6	5.87	50.3	6.66
	12	15.7	5.87	24.5	5.87	30.9	5.87	32.0	5.87	33.3	5.87	35.6	5.87	50.3	6.75
	14	15.7	5.87	24.5	5.87	30.9	5.87	32.0	5.87	33.3	5.87	35.6	5.87	50.3	6.83
	16	15.7	5.87	24.5	5.87	30.9	5.87	32.0	5.87	33.3	5.87	35.6	5.87	50.3	6.87
	18	15.7	5.87	24.5	5.87	30.9	5.87	32.0	5.87	33.3	5.87	35.6	5.87	50.3	6.97
	20	15.7	5.87	24.5	5.87	30.9	5.87	32.0	5.87	33.3	5.87	35.6	5.87	50.3	7.05
	21	17.6	5.88	26.7	5.99	33.4	6.13	34.8	6.20	36.3	6.30	38.9	6.38	52.8	7.55
	23	21.3	5.96	30.8	6.37	38.5	6.89	40.4	7.11	42.5	7.41	45.5	7.67	58.0	8.86
	25	25.3	6.23	34.9	6.97	43.6	7.94	45.9	8.43	48.7	8.95	52.0	9.50	63.1	10.74
	27	29.0	6.71	39.2	7.92	48.4	9.47	51.6	10.21	55.0	11.04	58.6	11.85	68.2	13.12
	29	32.9	7.55	43.3	9.32	53.5	11.52	57.2	12.45	61.2	13.49	65.2	14.53	73.4	15.78
	31	36.7	8.80	47.6	11.19	58.6	13.78	62.7	14.92	67.4	16.15	71.8	17.44	78.5	18.78
	33	40.6	10.53	51.8	13.21	63.5	16.25	68.3	17.69	73.4	19.29	78.2	20.85	83.6	22.49
	35	44.4	12.17	56.1	15.34	68.6	19.13	74.0	20.95	79.6	22.95	84.8	24.84	88.8	26.31
	37	44.4	12.95	56.1	16.41	68.6	20.56	74.0	22.46	79.6	24.56	84.8	26.61	88.8	28.19
	39	44.4	13.89	56.1	17.62	68.6	22.04	74.0	24.14	79.6	26.43	84.8	28.51	88.8	30.36
	41	44.4	14.98	56.1	18.96	68.6	23.61	74.0	25.79	79.6	28.34	84.8	30.71	88.8	32.68
	43	44.4	16.04	56.1	20.31	68.6	25.35	74.0	27.75	79.2	30.23	81.6	31.38	83.4	32.23
	46	44.4	17.91	56.1	22.55	64.2	26.22	65.1	26.58	65.1	26.58	65.1	26.58	65.1	26.58
	48	44.4	19.22	52.5	22.60	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91
50	10	13.1	5.87	20.5	5.87	25.7	5.87	26.7	5.87	27.6	5.87	29.7	5.87	41.9	6.03
	12	13.1	5.87	20.5	5.87	25.7	5.87	26.7	5.87	27.6	5.87	29.7	5.87	41.9	6.10
	14	13.1	5.87	20.5	5.87	25.7	5.87	26.7	5.87	27.6	5.87	29.7	5.87	41.9	6.10
	16	13.1	5.87	20.5	5.87	25.7	5.87	26.7	5.87	27.6	5.87	29.7	5.87	41.9	6.20
	18	13.1	5.87	20.5	5.87	25.7	5.87	26.7	5.87	27.6	5.87	29.7	5.87	41.9	6.27
	20	13.1	5.87	20.5	5.87	25.7	5.87	26.7	5.87	27.6	5.87	29.7	5.87	41.9	6.35
	21	14.7	5.82	22.1	5.89	27.9	5.99	29.0	6.05	30.4	6.12	32.3	6.16	44.0	6.65
	23	17.9	5.77	25.7	6.03	32.0	6.40	33.7	6.58	35.5	6.77	37.8	6.97	48.4	7.49
	25	21.0	5.85	29.3	6.37	36.3	7.07	38.4	7.39	40.6	7.74	43.3	8.12	52.7	8.79
	27	24.2	6.10	32.7	6.94	40.4	8.04	42.9	8.55	45.8	9.15	48.8	9.73	56.9	10.55
	29	27.5	6.61	36.2	7.87	44.7	9.49	47.7	10.24	50.9	11.15	54.3	11.91	61.2	12.71
	31	30.5	7.47	39.6	9.26	48.8	11.41	52.4	12.34	56.1	13.31	59.8	14.24	65.6	15.14
	33	33.8	8.79	43.2	11.12	52.9	13.36	56.9	14.49	61.2	15.69	65.2	16.78	69.7	17.86
	35	37.0	10.32	46.6	12.69	57.2	15.63	61.6	16.92	66.4	18.44	70.7	19.83	74.0	20.95
	37	37.0	11.03	46.6	13.61	57.2	16.78	61.6	18.22	66.4	19.83	70.7	21.20	74.0	22.46
	39	37.0	11.83	46.6	14.69	57.2	18.01	61.6	19.52	66.4	21.20	70.7	22.82	74.0	24.14
	41	37.0	12.73	46.6	15.73	57.2	19.30	61.6	20.96	66.4	22.72	70.7	24.51	74.0	25.92
	43	37.0	13.68	46.6	16.83	57.2	20.74	61.6	22.47	66.4	24.43	70.7	26.29	74.0	27.85
	46	37.0	15.16	46.6	18.75	57.2	23.09	61.0	24.82	63.2	25.78	65.1	26.58	65.1	26.58
	48	37.0	16.33	46.6	20.10	53.0	22.81	53.1	22.91	53.1	22.91	53.1	22.91	53.1	22.91

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM460LTE5

Cooling Capacity (46HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	35.5	6.13	55.5	7.33	70.0	8.58	72.6	8.80	75.2	9.06	80.7	9.60	114.0	13.37
	12	35.5	6.13	55.5	7.38	70.0	8.71	72.6	8.90	75.2	9.20	80.7	9.75	114.0	13.62
	14	35.5	6.15	55.5	7.47	70.0	8.80	72.6	9.06	75.2	9.33	80.7	9.91	114.0	13.82
	16	35.5	6.15	55.5	7.55	70.0	8.90	72.6	9.15	75.2	9.43	80.7	10.01	114.0	14.09
	18	35.5	6.17	55.5	7.64	70.0	9.01	72.6	9.30	75.2	9.57	80.7	10.15	114.0	14.34
	20	35.5	6.19	55.5	7.73	70.0	9.15	72.6	9.43	75.2	9.70	80.7	10.34	114.0	14.65
	21	39.8	6.90	60.2	8.87	75.6	10.90	78.9	11.47	82.3	12.07	88.0	12.96	119.6	17.20
	23	48.5	8.67	69.7	11.68	87.1	14.94	91.6	16.12	96.3	17.54	102.5	18.93	130.4	23.18
	25	57.1	11.06	79.3	15.15	98.5	19.73	104.2	21.69	110.3	23.91	116.5	25.84	140.5	30.47
	27	65.8	13.99	88.8	19.10	109.7	25.33	116.9	28.20	123.7	31.24	130.3	34.02	149.9	38.98
	29	74.5	17.29	98.4	23.66	121.2	31.86	129.5	35.95	136.8	39.85	142.7	42.93	157.9	47.46
	31	83.2	20.96	107.8	28.95	132.5	39.79	142.2	45.23	147.4	48.37	152.4	51.44	161.9	54.03
	33	91.8	25.23	117.3	35.17	143.6	48.58	150.6	52.89	154.5	55.54	155.0	55.65	159.4	56.74
	35	100.5	30.15	126.9	42.10	150.9	56.01	153.9	58.18	153.8	58.17	153.8	58.17	153.8	58.17
	37	100.5	32.38	126.0	44.96	141.1	54.42	141.1	54.42	141.1	54.42	141.1	54.42	141.1	54.42
	39	100.5	34.76	122.1	46.19	125.0	48.09	125.0	48.09	125.0	48.09	125.0	48.09	125.0	48.09
	41	99.2	36.68	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17
	43	93.6	36.41	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81
	46	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61
	48	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31
120	10	32.7	6.13	51.3	6.97	64.7	8.12	67.0	8.31	69.4	8.52	74.5	9.01	105.3	12.27
	12	32.7	6.13	51.3	7.01	64.7	8.20	67.0	8.40	69.4	8.61	74.5	9.10	105.3	12.46
	14	32.7	6.13	51.3	7.11	64.7	8.31	67.0	8.49	69.4	8.71	74.5	9.23	105.3	12.71
	16	32.7	6.13	51.3	7.16	64.7	8.40	67.0	8.61	69.4	8.83	74.5	9.35	105.3	12.95
	18	32.7	6.13	51.3	7.24	64.7	8.49	67.0	8.71	69.4	8.96	74.5	9.46	105.3	13.14
	20	32.7	6.13	51.3	7.33	64.7	8.58	67.0	8.83	69.4	9.10	74.5	9.64	105.3	13.41
	21	36.8	6.70	55.6	8.29	69.9	10.06	72.9	10.58	75.9	11.14	81.4	11.93	110.7	15.68
	23	44.8	8.18	64.4	10.69	80.4	13.64	84.4	14.65	88.8	15.82	95.0	17.17	121.3	20.94
	25	52.8	10.17	73.2	13.76	90.9	17.75	96.2	19.41	101.9	21.36	108.8	23.41	131.5	27.37
	27	60.7	12.78	82.0	17.26	101.3	22.59	107.8	24.98	114.7	27.80	122.4	30.60	141.4	35.21
	29	68.7	15.76	90.8	21.27	111.8	28.14	119.6	31.51	127.7	35.44	135.1	38.97	151.0	44.13
	31	76.8	19.04	99.6	25.87	122.3	34.91	131.2	39.32	140.7	44.72	146.2	47.71	157.0	51.37
	33	84.8	22.80	108.4	31.32	132.9	42.65	142.7	48.23	149.9	52.56	154.4	55.53	158.3	56.44
	35	92.7	27.18	117.2	37.31	142.0	50.45	150.3	55.66	153.9	58.19	153.8	58.17	153.8	58.17
	37	92.7	29.06	117.2	40.20	137.9	52.10	141.1	54.42	141.1	54.42	141.1	54.42	141.1	54.42
	39	92.7	31.24	115.1	42.22	125.0	48.09	125.0	48.09	125.0	48.09	125.0	48.09	125.0	48.09
	41	92.7	33.49	108.7	41.74	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17
	43	90.0	34.62	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81
	46	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61
	48	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31
110	10	29.9	6.13	46.9	6.65	59.3	7.64	61.4	7.82	63.7	8.00	68.3	8.40	96.5	11.29
	12	29.9	6.13	46.9	6.71	59.3	7.71	61.4	7.91	63.7	8.12	68.3	8.52	96.5	11.47
	14	29.9	6.13	46.9	6.73	59.3	7.80	61.4	8.00	63.7	8.20	68.3	8.61	96.5	11.65
	16	29.9	6.13	46.9	6.81	59.3	7.88	61.4	8.09	63.7	8.31	68.3	8.71	96.5	11.82
	18	29.9	6.13	46.9	6.89	59.3	7.98	61.4	8.18	63.7	8.40	68.3	8.83	96.5	12.05
	20	29.9	6.13	46.9	6.97	59.3	8.09	61.4	8.31	63.7	8.49	68.3	9.01	96.5	12.22
	21	33.6	6.58	51.0	7.75	64.1	9.33	66.7	9.77	69.7	10.22	74.6	10.96	101.4	14.15
	23	41.0	7.75	59.1	9.74	73.6	12.30	77.5	13.21	81.5	14.26	87.1	15.38	111.3	18.65
	25	48.3	9.40	67.1	12.36	83.3	15.89	88.1	17.32	93.4	18.94	99.7	20.64	121.0	24.12
	27	55.6	11.62	75.2	15.53	92.9	20.07	98.9	22.08	105.3	24.40	112.3	26.77	130.8	30.87
	29	63.0	14.33	83.2	19.04	102.5	24.85	109.6	27.58	117.1	30.77	124.9	34.06	140.7	38.94
	31	70.4	17.23	91.3	23.05	112.2	30.58	120.3	34.12	129.1	38.45	137.5	42.83	150.0	47.56
	33	77.7	20.54	99.3	27.74	121.8	37.15	131.1	41.78	141.0	47.29	148.0	51.41	154.9	54.30
	35	85.1	24.36	107.4	33.08	131.4	44.55	140.8	49.77	149.0	54.82	154.0	58.20	153.8	58.17
	37	85.1	26.06	107.4	35.48	129.3	46.86	136.9	51.43	140.8	54.21	141.1	54.42	141.1	54.42
	39	85.1	27.88	107.4	38.13	123.5	47.07	125.0	48.09	125.0	48.09	125.0	48.09	125.0	48.09
	41	85.1	29.94	104.3	39.27	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17
	43	84.4	31.82	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81
	46	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61
	48	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31

7. Capacity Tables

Cooling Capacity (46HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	27.3	6.13	42.6	6.31	53.9	7.16	55.9	7.33	57.9	7.51	62.1	7.88	87.7	10.34
	12	27.3	6.13	42.6	6.39	53.9	7.24	55.9	7.42	57.9	7.59	62.1	7.94	87.7	10.47
	14	27.3	6.13	42.6	6.39	53.9	7.33	55.9	7.51	57.9	7.64	62.1	8.02	87.7	10.58
	16	27.3	6.13	42.6	6.46	53.9	7.42	55.9	7.55	57.9	7.73	62.1	8.12	87.7	10.81
	18	27.3	6.13	42.6	6.55	53.9	7.47	55.9	7.64	57.9	7.82	62.1	8.20	87.7	10.98
	20	27.3	6.13	42.6	6.58	53.9	7.55	55.9	7.73	57.9	7.94	62.1	8.33	87.7	11.14
	21	30.6	6.45	46.3	7.20	58.2	8.54	60.7	8.92	63.3	9.35	67.8	9.95	92.2	12.76
	23	37.2	7.37	53.6	8.85	67.0	11.06	70.4	11.88	74.0	12.76	79.2	13.74	101.2	16.54
	25	44.0	8.69	61.0	11.07	75.7	14.20	80.2	15.42	84.8	16.73	90.6	18.15	110.1	21.04
	27	50.6	10.50	68.3	13.87	84.4	17.78	89.9	19.43	95.7	21.35	102.1	23.33	118.9	26.47
	29	57.2	12.88	75.6	16.92	93.2	21.84	99.6	24.08	106.5	26.73	113.5	29.30	127.9	33.14
	31	64.0	15.57	83.0	20.39	101.9	26.59	109.3	29.57	117.3	32.94	124.9	36.44	136.9	40.70
	33	70.6	18.37	90.4	24.44	110.7	32.26	119.1	35.93	128.1	40.42	136.4	44.78	145.6	48.88
	35	77.3	21.75	97.7	28.99	119.5	38.45	128.8	43.04	138.8	48.67	145.4	52.48	150.5	55.81
	37	77.3	23.26	97.7	31.15	119.5	41.41	127.4	45.71	134.9	50.13	139.3	53.04	141.1	54.42
	39	77.3	24.95	97.7	33.35	116.8	43.09	122.7	46.54	125.0	48.09	125.0	48.09	125.0	48.09
	41	77.3	26.60	97.1	35.63	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17	109.3	42.17
	43	77.3	28.61	92.7	35.88	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81
	46	72.1	29.20	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61
	48	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31
90	10	24.6	6.13	38.4	6.19	48.5	6.73	50.2	6.89	52.0	7.05	55.9	7.33	78.9	9.43
	12	24.6	6.13	38.4	6.19	48.5	6.81	50.2	6.97	52.0	7.11	55.9	7.42	78.9	9.57
	14	24.6	6.13	38.4	6.21	48.5	6.89	50.2	7.01	52.0	7.16	55.9	7.51	78.9	9.70
	16	24.6	6.13	38.4	6.21	48.5	6.93	50.2	7.08	52.0	7.24	55.9	7.55	78.9	9.80
	18	24.6	6.13	38.4	6.23	48.5	7.01	50.2	7.16	52.0	7.33	55.9	7.64	78.9	10.01
	20	24.6	6.13	38.4	6.27	48.5	7.08	50.2	7.24	52.0	7.42	55.9	7.73	78.9	10.12
	21	27.6	6.36	41.7	6.76	52.5	7.85	54.5	8.18	57.0	8.55	61.0	9.02	82.9	11.40
	23	33.6	7.03	48.3	8.01	60.2	9.84	63.4	10.55	66.7	11.30	71.3	12.19	91.0	14.56
	25	39.5	8.04	54.9	9.78	68.1	12.50	72.2	13.56	76.3	14.71	81.6	15.92	99.0	18.32
	27	45.6	9.48	61.4	12.17	76.0	15.64	80.9	17.03	86.1	18.59	91.9	20.19	107.1	22.70
	29	51.6	11.48	68.1	14.98	83.9	19.12	89.7	20.96	95.9	23.08	102.2	25.14	115.1	27.98
	31	57.5	13.97	74.7	17.96	91.7	23.09	98.5	25.49	105.5	28.27	112.4	30.90	123.2	34.31
	33	63.5	16.43	81.2	21.43	99.6	27.83	107.2	30.85	115.3	34.29	122.8	37.74	131.2	41.10
	35	69.7	19.22	87.8	25.34	107.4	33.08	115.9	36.77	124.9	41.16	133.0	45.45	139.1	48.77
	37	69.7	20.62	87.8	27.14	107.4	35.48	115.9	39.57	124.5	44.23	130.5	47.55	135.2	50.36
	39	69.7	22.07	87.8	29.10	107.4	38.16	114.2	41.62	120.8	45.36	124.0	47.36	125.0	48.09
	41	69.7	23.57	87.8	31.24	104.3	39.29	108.3	41.49	109.3	42.17	109.3	42.17	109.3	42.17
	43	69.7	25.31	86.4	32.76	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81
	46	68.0	27.33	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61
	48	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31
80	10	21.8	6.13	34.1	6.13	43.0	6.31	44.7	6.46	46.3	6.58	49.7	6.84	70.2	8.58
	12	21.8	6.13	34.1	6.13	43.0	6.39	44.7	6.48	46.3	6.65	49.7	6.89	70.2	8.71
	14	21.8	6.13	34.1	6.13	43.0	6.46	44.7	6.58	46.3	6.71	49.7	6.97	70.2	8.80
	16	21.8	6.13	34.1	6.13	43.0	6.48	44.7	6.63	46.3	6.75	49.7	7.05	70.2	8.90
	18	21.8	6.13	34.1	6.13	43.0	6.58	44.7	6.71	46.3	6.81	49.7	7.11	70.2	9.06
	20	21.8	6.13	34.1	6.15	43.0	6.63	44.7	6.75	46.3	6.89	49.7	7.18	70.2	9.15
	21	24.5	6.26	37.1	6.50	46.7	7.22	48.6	7.47	50.6	7.75	54.2	8.18	73.7	10.14
	23	29.9	6.71	43.0	7.43	53.6	8.74	56.3	9.32	59.3	9.95	63.4	10.67	80.9	12.66
	25	35.2	7.43	48.8	8.79	60.5	10.88	64.1	11.77	67.9	12.80	72.5	13.83	88.1	15.82
	27	40.5	8.54	54.7	10.65	67.6	13.57	72.0	14.75	76.6	16.06	81.7	17.35	95.2	19.39
	29	45.9	10.14	60.5	13.07	74.6	16.55	79.8	18.05	85.1	19.76	90.8	21.43	102.4	23.62
	31	51.1	12.26	66.4	15.73	81.6	19.86	87.4	21.86	93.9	24.04	100.0	26.11	109.5	28.76
	33	56.5	14.50	72.2	18.60	88.6	23.81	95.3	26.21	102.4	28.99	109.1	31.70	116.6	34.35
	35	61.8	16.96	78.2	21.96	95.5	28.21	103.1	31.23	111.1	34.65	118.2	37.90	123.8	40.59
	37	61.8	18.12	78.2	23.48	95.5	30.29	103.1	33.47	111.1	37.22	118.2	40.77	123.7	43.80
	39	61.8	19.35	78.2	25.18	95.5	32.50	103.1	35.91	110.6	39.80	115.9	42.55	120.0	44.90
	41	61.8	20.75	78.2	27.05	95.5	34.81	101.1	37.57	106.8	40.59	109.0	41.92	109.3	42.17
	43	61.8	22.20	78.2	28.93	92.1	35.57	94.4	36.81	94.4	36.81	94.4	36.81	94.4	36.81
	46	61.8	24.66	72.4	29.34	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61
	48	58.4	24.91	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31

7. Capacity Tables

Cooling Capacity (46HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	19.1	6.13	29.9	6.13	37.7	6.17	39.1	6.19	40.5	6.23	43.4	6.39	61.4	7.82
	12	19.1	6.13	29.9	6.13	37.7	6.17	39.1	6.21	40.5	6.23	43.4	6.41	61.4	7.91
	14	19.1	6.13	29.9	6.13	37.7	6.19	39.1	6.23	40.5	6.27	43.4	6.46	61.4	8.00
	16	19.1	6.13	29.9	6.13	37.7	6.21	39.1	6.23	40.5	6.31	43.4	6.55	61.4	8.09
	18	19.1	6.13	29.9	6.13	37.7	6.21	39.1	6.27	40.5	6.39	43.4	6.58	61.4	8.18
	20	19.1	6.13	29.9	6.13	37.7	6.23	39.1	6.31	40.5	6.39	43.4	6.65	61.4	8.31
	21	21.4	6.19	32.5	6.34	40.7	6.65	42.5	6.84	44.4	7.03	47.4	7.38	64.5	9.02
	23	26.0	6.42	37.5	6.96	46.9	7.80	49.3	8.17	51.8	8.71	55.5	9.28	70.8	10.87
	25	30.8	6.91	42.7	7.93	52.9	9.37	56.1	10.09	59.4	10.86	63.5	11.75	77.0	13.42
	27	35.4	7.69	47.9	9.33	59.1	11.51	63.0	12.55	67.0	13.69	71.4	14.77	83.3	16.46
	29	40.1	8.91	52.9	11.29	65.3	14.19	69.7	15.45	74.5	16.80	79.4	18.10	89.6	19.79
	31	44.8	10.63	58.2	13.70	71.3	17.03	76.6	18.51	82.1	20.24	87.4	21.92	95.9	23.76
	33	49.4	12.80	63.2	16.12	77.5	20.24	83.3	22.03	89.7	24.26	95.5	26.38	102.1	28.45
	35	54.1	14.77	68.3	18.81	83.6	23.88	90.1	26.22	97.3	28.90	103.5	31.31	108.4	33.40
	37	54.1	15.78	68.3	20.18	83.6	25.59	90.1	28.05	97.3	30.92	103.5	33.70	108.4	35.93
	39	54.1	16.88	68.3	21.61	83.6	27.39	90.1	30.13	97.3	33.15	103.5	36.16	108.4	38.58
	41	54.1	18.05	68.3	23.14	83.6	29.38	90.1	32.31	96.8	35.44	101.4	37.76	105.0	39.58
	43	54.1	19.39	68.3	24.80	83.3	31.37	88.1	33.59	92.6	35.80	94.4	36.81	94.4	36.81
	46	54.1	21.50	67.0	26.92	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61	72.9	29.61
	48	53.5	22.75	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31
60	10	16.4	6.13	25.6	6.13	32.3	6.13	33.5	6.13	34.8	6.13	37.2	6.15	52.6	7.08
	12	16.4	6.13	25.6	6.13	32.3	6.13	33.5	6.13	34.8	6.13	37.2	6.17	52.6	7.16
	14	16.4	6.13	25.6	6.13	32.3	6.13	33.5	6.13	34.8	6.13	37.2	6.19	52.6	7.22
	16	16.4	6.13	25.6	6.13	32.3	6.13	33.5	6.13	34.8	6.13	37.2	6.19	52.6	7.26
	18	16.4	6.13	25.6	6.13	32.3	6.13	33.5	6.13	34.8	6.15	37.2	6.21	52.6	7.36
	20	16.4	6.13	25.6	6.13	32.3	6.13	33.5	6.13	34.8	6.17	37.2	6.23	52.6	7.44
	21	18.4	6.12	27.9	6.23	34.9	6.38	36.4	6.45	38.0	6.59	40.7	6.73	55.2	7.93
	23	22.3	6.18	32.2	6.59	40.2	7.13	42.3	7.38	44.4	7.70	47.6	8.02	60.7	9.26
	25	26.4	6.44	36.5	7.20	45.5	8.20	48.0	8.70	50.9	9.27	54.4	9.85	66.0	11.15
	27	30.3	6.93	41.0	8.17	50.6	9.75	53.9	10.52	57.5	11.39	61.2	12.25	71.3	13.60
	29	34.4	7.80	45.3	9.61	55.9	11.86	59.8	12.91	63.9	14.05	68.1	15.14	76.8	16.43
	31	38.4	9.11	49.8	11.59	61.2	14.41	65.6	15.59	70.4	16.84	75.0	18.11	82.1	19.51
	33	42.4	10.97	54.2	13.83	66.4	16.96	71.4	18.39	76.8	20.04	81.8	21.63	87.4	23.24
	35	46.4	12.82	58.6	16.03	71.7	19.86	77.3	21.75	83.3	23.77	88.7	25.64	92.9	27.19
	37	46.4	13.63	58.6	17.14	71.7	21.29	77.3	23.26	83.3	25.39	88.7	27.47	92.9	29.07
	39	46.4	14.58	58.6	18.31	71.7	22.82	77.3	24.95	83.3	27.26	88.7	29.42	92.9	31.25
	41	46.4	15.63	58.6	19.66	71.7	24.39	77.3	26.60	83.3	29.17	88.7	31.57	92.9	33.57
	43	46.4	16.69	58.6	21.00	71.7	26.13	77.3	28.61	83.1	31.21	87.1	33.12	90.2	34.62
	46	46.4	18.56	58.6	23.29	69.5	28.03	72.1	29.20	72.9	29.61	72.9	29.61	72.9	29.61
	48	46.4	19.87	56.8	24.17	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31	59.4	25.31
50	10	13.7	6.13	21.4	6.13	26.9	6.13	27.9	6.13	28.9	6.13	31.0	6.13	43.8	6.39
	12	13.7	6.13	21.4	6.13	26.9	6.13	27.9	6.13	28.9	6.13	31.0	6.13	43.8	6.46
	14	13.7	6.13	21.4	6.13	26.9	6.13	27.9	6.13	28.9	6.13	31.0	6.13	43.8	6.48
	16	13.7	6.13	21.4	6.13	26.9	6.13	27.9	6.13	28.9	6.13	31.0	6.13	43.8	6.58
	18	13.7	6.13	21.4	6.13	26.9	6.13	27.9	6.13	28.9	6.13	31.0	6.13	43.8	6.63
	20	13.7	6.13	21.4	6.13	26.9	6.13	27.9	6.13	28.9	6.13	31.0	6.13	43.8	6.71
	21	15.4	6.06	23.2	6.13	29.2	6.24	30.3	6.29	31.7	6.36	33.8	6.41	46.0	7.00
	23	18.7	5.98	26.9	6.25	33.5	6.63	35.2	6.81	37.1	7.02	39.6	7.22	50.6	7.85
	25	22.0	6.04	30.6	6.58	37.9	7.30	40.1	7.63	42.4	8.00	45.3	8.38	55.0	9.14
	27	25.3	6.29	34.2	7.16	42.3	8.30	44.9	8.82	47.9	9.43	51.0	10.03	59.5	10.91
	29	28.7	6.82	37.8	8.14	46.7	9.78	49.9	10.55	53.2	11.47	56.8	12.29	64.0	13.20
	31	31.9	7.72	41.4	9.57	51.0	11.82	54.7	12.83	58.6	13.90	62.5	14.87	68.5	15.82
	33	35.3	9.14	45.1	11.60	55.3	14.02	59.5	15.14	64.0	16.39	68.2	17.47	72.9	18.57
	35	38.7	10.91	48.8	13.36	59.8	16.31	64.4	17.63	69.4	19.18	73.9	20.59	77.4	21.75
	37	38.7	11.66	48.8	14.29	59.8	17.51	64.4	18.93	69.4	20.57	73.9	22.02	77.4	23.26
	39	38.7	12.42	48.8	15.33	59.8	18.70	64.4	20.24	69.4	21.99	73.9	23.59	77.4	24.95
	41	38.7	13.32	48.8	16.37	59.8	19.99	64.4	21.68	69.4	23.52	73.9	25.33	77.4	26.73
	43	38.7	14.27	48.8	17.52	59.8	21.43	64.4	23.24	69.4	25.22	73.9	27.12	77.4	28.66
	46	38.7	15.79	48.8	19.44	59.8	23.78	64.1	25.67	67.8	27.32	71.1	28.72	72.2	29.26
	48	38.7	16.96	48.8	20.78	57.7	24.50	59.2	25.24	59.4	25.31	59.4	25.31	59.4	25.31

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM480LTE5

Cooling Capacity (48HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	37.0	6.21	57.9	7.53	73.1	8.88	75.7	9.14	78.5	9.40	84.2	9.99	119.0	14.10
	12	37.0	6.23	57.9	7.58	73.1	9.02	75.7	9.24	78.5	9.58	84.2	10.17	119.0	14.36
	14	37.0	6.23	57.9	7.67	73.1	9.11	75.7	9.40	78.5	9.68	84.2	10.30	119.0	14.61
	16	37.0	6.26	57.9	7.78	73.1	9.24	75.7	9.50	78.5	9.81	84.2	10.44	119.0	14.88
	18	37.0	6.28	57.9	7.88	73.1	9.38	75.7	9.68	78.5	9.99	84.2	10.58	119.0	15.19
	20	37.0	6.30	57.9	7.96	73.1	9.50	75.7	9.81	78.5	10.09	84.2	10.81	119.0	15.50
	21	41.5	7.11	62.8	9.26	78.9	11.45	82.1	11.99	85.4	12.48	91.2	13.40	124.1	17.99
	23	50.6	9.10	72.8	12.41	90.9	15.94	94.7	16.86	98.7	17.91	104.9	19.30	134.0	23.85
	25	59.6	11.78	82.8	16.14	102.4	21.06	106.9	22.52	111.8	24.17	118.1	26.13	143.1	31.46
	27	68.7	14.92	92.7	20.49	113.4	26.89	118.8	28.99	124.4	31.42	131.1	34.22	151.5	39.75
	29	77.7	18.46	102.7	25.54	124.3	33.60	130.3	36.57	136.7	40.08	142.7	43.26	158.5	47.94
	31	86.8	22.46	112.5	31.44	134.7	41.54	141.4	45.39	146.6	48.53	151.8	51.62	161.8	54.38
	33	95.8	27.16	122.4	38.33	144.3	49.93	149.1	52.88	153.3	55.57	154.0	55.72	158.6	56.92
	35	104.9	32.54	132.5	46.14	150.0	56.70	152.0	58.11	152.0	58.11	152.0	58.11	152.0	58.11
	37	104.9	35.04	131.6	49.63	139.3	54.35	139.3	54.35	139.3	54.35	139.3	54.35	139.3	54.35
	39	104.9	37.66	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95
	41	103.4	39.84	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04
	43	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70
	46	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28
120	10	34.1	6.13	53.5	7.16	67.5	8.38	69.9	8.61	72.4	8.82	77.7	9.35	109.9	12.90
	12	34.1	6.15	53.5	7.21	67.5	8.47	69.9	8.70	72.4	8.91	77.7	9.47	109.9	13.13
	14	34.1	6.17	53.5	7.30	67.5	8.58	69.9	8.80	72.4	9.05	77.7	9.58	109.9	13.39
	16	34.1	6.19	53.5	7.36	67.5	8.70	69.9	8.91	72.4	9.17	77.7	9.73	109.9	13.63
	18	34.1	6.19	53.5	7.44	67.5	8.80	69.9	9.02	72.4	9.30	77.7	9.88	109.9	13.87
	20	34.1	6.21	53.5	7.53	67.5	8.91	69.9	9.17	72.4	9.44	77.7	10.03	109.9	14.14
	21	38.4	6.87	58.0	8.62	72.9	10.58	76.0	11.12	79.0	11.62	84.4	12.36	114.8	16.36
	23	46.8	8.56	67.2	11.35	83.9	14.50	88.1	15.61	91.9	16.51	97.6	17.62	124.6	21.55
	25	55.0	10.80	76.4	14.67	94.8	19.03	100.1	20.76	104.6	22.19	110.5	23.78	133.8	28.05
	27	63.3	13.67	85.5	18.45	105.8	24.40	111.6	26.60	116.7	28.61	123.1	30.79	142.8	35.97
	29	71.7	16.78	94.8	22.84	116.7	30.64	122.8	33.25	128.6	36.09	135.1	39.19	151.4	44.53
	31	80.1	20.33	103.9	27.93	127.3	38.02	133.5	41.17	140.1	45.00	145.3	47.86	156.6	51.64
	33	88.5	24.43	113.1	33.99	137.0	45.85	143.6	49.72	148.4	52.54	153.1	55.55	157.3	56.57
	35	96.8	29.24	122.3	40.64	144.9	53.56	149.7	56.53	152.0	58.11	152.0	58.11	152.0	58.11
	37	96.8	31.30	122.3	43.99	139.3	54.35	139.3	54.35	139.3	54.35	139.3	54.35	139.3	54.35
	39	96.8	33.67	119.2	45.73	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95
	41	96.8	36.22	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04
	43	91.8	36.19	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70
	46	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28
110	10	31.2	6.09	48.9	6.79	61.9	7.88	64.1	8.05	66.4	8.26	71.2	8.70	100.7	11.81
	12	31.2	6.09	48.9	6.87	61.9	7.94	64.1	8.17	66.4	8.38	71.2	8.82	100.7	12.01
	14	31.2	6.09	48.9	6.90	61.9	8.03	64.1	8.26	66.4	8.47	71.2	8.91	100.7	12.22
	16	31.2	6.11	48.9	6.98	61.9	8.14	64.1	8.36	66.4	8.58	71.2	9.05	100.7	12.40
	18	31.2	6.13	48.9	7.05	61.9	8.24	64.1	8.47	66.4	8.70	71.2	9.17	100.7	12.67
	20	31.2	6.13	48.9	7.14	61.9	8.36	64.1	8.58	66.4	8.80	71.2	9.35	100.7	12.85
	21	35.1	6.66	53.2	8.03	66.9	9.76	69.6	10.22	72.7	10.72	77.7	11.47	105.5	14.86
	23	42.8	8.03	61.6	10.30	76.8	13.06	80.8	14.02	85.0	15.18	90.4	16.20	115.0	19.49
	25	50.4	9.92	70.0	13.21	86.9	16.98	92.0	18.55	97.4	20.33	102.9	21.64	124.2	24.99
	27	58.1	12.39	78.4	16.57	96.9	21.55	103.2	23.82	109.3	26.11	114.9	27.87	132.9	31.89
	29	65.7	15.23	86.8	20.36	107.0	26.88	114.3	29.99	120.6	32.68	126.6	35.09	141.4	39.54
	31	73.5	18.33	95.3	24.77	117.1	33.27	125.5	37.38	131.7	40.47	137.9	43.62	149.4	47.77
	33	81.1	21.97	103.7	29.94	127.1	40.64	135.6	45.20	142.4	49.08	146.6	51.55	153.5	54.36
	35	88.8	26.07	112.1	35.82	137.1	49.00	144.2	53.15	148.9	56.06	152.0	58.11	152.0	58.11
	37	88.8	27.97	112.1	38.53	134.3	51.41	138.8	54.04	139.3	54.35	139.3	54.35	139.3	54.35
	39	88.8	29.96	112.1	41.54	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95
	41	88.8	32.21	106.4	41.36	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04
	43	88.1	34.36	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70
	46	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28

7. Capacity Tables

Cooling Capacity (48HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	28.5	6.09	44.4	6.45	56.2	7.36	58.3	7.53	60.4	7.73	64.8	8.12	91.5	10.81
	12	28.5	6.09	44.4	6.53	56.2	7.44	58.3	7.65	60.4	7.82	64.8	8.20	91.5	10.94
	14	28.5	6.09	44.4	6.55	56.2	7.53	58.3	7.73	60.4	7.88	64.8	8.29	91.5	11.09
	16	28.5	6.09	44.4	6.62	56.2	7.62	58.3	7.78	60.4	7.99	64.8	8.38	91.5	11.32
	18	28.5	6.09	44.4	6.72	56.2	7.69	58.3	7.88	60.4	8.08	64.8	8.50	91.5	11.50
	20	28.5	6.09	44.4	6.74	56.2	7.78	58.3	7.99	60.4	8.17	64.8	8.63	91.5	11.70
	21	31.9	6.49	48.3	7.45	60.8	8.91	63.3	9.34	66.0	9.77	70.8	10.44	96.2	13.50
	23	38.9	7.56	56.0	9.31	69.9	11.76	73.5	12.60	77.3	13.54	82.7	14.60	105.6	17.68
	25	45.9	9.06	63.6	11.81	79.0	15.12	83.7	16.44	88.5	17.92	94.5	19.50	114.6	22.52
	27	52.8	11.12	71.3	14.79	88.1	19.03	93.8	20.87	99.9	23.01	106.5	25.24	123.1	28.28
	29	59.7	13.72	78.9	18.05	97.2	23.48	104.0	26.00	111.1	29.00	118.0	31.61	131.5	35.19
	31	66.7	16.47	86.6	21.83	106.4	28.79	114.0	32.11	122.4	35.98	128.8	39.03	139.3	42.52
	33	73.7	19.58	94.3	26.26	115.5	35.05	124.3	39.27	133.4	44.25	139.2	47.32	146.6	50.34
	35	80.7	23.20	102.0	31.26	124.6	41.93	134.4	47.29	143.1	52.57	146.8	54.71	149.8	56.67
	37	80.7	24.84	102.0	33.62	124.6	45.36	133.0	50.55	137.6	53.29	139.3	54.35	139.3	54.35
	39	80.7	26.66	102.0	36.10	120.2	46.26	123.3	47.95	123.3	47.95	123.3	47.95	123.3	47.95
	41	80.7	28.52	101.4	38.72	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04
	43	80.7	30.71	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70
	46	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28
90	10	25.6	6.09	40.1	6.30	50.6	6.90	52.4	7.05	54.3	7.25	58.3	7.53	82.4	9.81
	12	25.6	6.09	40.1	6.30	50.6	6.98	52.4	7.14	54.3	7.30	58.3	7.65	82.4	9.96
	14	25.6	6.09	40.1	6.32	50.6	7.05	52.4	7.21	54.3	7.36	58.3	7.73	82.4	10.09
	16	25.6	6.09	40.1	6.34	50.6	7.10	52.4	7.27	54.3	7.44	58.3	7.78	82.4	10.22
	18	25.6	6.09	40.1	6.36	50.6	7.18	52.4	7.36	54.3	7.53	58.3	7.88	82.4	10.44
	20	25.6	6.09	40.1	6.40	50.6	7.27	52.4	7.44	54.3	7.65	58.3	7.99	82.4	10.58
	21	28.8	6.38	43.5	6.97	54.7	8.16	56.9	8.51	59.5	8.92	63.6	9.45	86.6	12.03
	23	35.1	7.18	50.4	8.40	62.9	10.40	66.1	11.20	69.6	12.00	74.4	12.93	95.0	15.50
	25	41.3	8.35	57.3	10.38	71.1	13.33	75.3	14.45	79.7	15.69	85.2	17.00	103.4	19.62
	27	47.5	9.96	64.1	13.04	79.3	16.68	84.4	18.18	89.8	19.95	95.9	21.70	111.8	24.49
	29	53.8	12.20	71.1	15.90	87.6	20.48	93.6	22.51	100.0	24.88	106.6	27.23	120.2	30.51
	31	60.0	14.74	78.0	19.15	95.7	24.83	102.7	27.52	110.1	30.60	117.3	33.63	128.6	37.49
	33	66.3	17.43	84.8	22.94	104.0	30.08	111.9	33.44	120.3	37.39	128.1	41.34	136.6	44.88
	35	72.7	20.44	91.7	27.16	112.1	35.82	120.9	40.00	130.4	45.05	138.8	50.04	143.3	52.59
	37	72.7	21.94	91.7	29.17	112.1	38.53	120.9	43.18	130.0	48.73	135.0	51.83	137.8	53.43
	39	72.7	23.51	91.7	31.30	112.1	41.63	118.7	45.36	122.6	47.53	123.3	47.95	123.3	47.95
	41	72.7	25.13	91.7	33.64	106.4	41.37	107.8	42.04	107.8	42.04	107.8	42.04	107.8	42.04
	43	72.7	27.01	89.7	35.11	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70
	46	69.9	28.73	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28
80	10	22.8	6.09	35.6	6.17	44.9	6.45	46.6	6.60	48.3	6.72	51.9	7.00	73.2	8.91
	12	22.8	6.09	35.6	6.19	44.9	6.53	46.6	6.62	48.3	6.79	51.9	7.08	73.2	9.02
	14	22.8	6.09	35.6	6.21	44.9	6.60	46.6	6.72	48.3	6.87	51.9	7.16	73.2	9.14
	16	22.8	6.09	35.6	6.21	44.9	6.62	46.6	6.79	48.3	6.92	51.9	7.25	73.2	9.24
	18	22.8	6.09	35.6	6.23	44.9	6.72	46.6	6.87	48.3	6.98	51.9	7.30	73.2	9.40
	20	22.8	6.09	35.6	6.26	44.9	6.79	46.6	6.92	48.3	7.08	51.9	7.38	73.2	9.50
	21	25.5	6.28	38.7	6.66	48.7	7.47	50.7	7.74	52.8	8.06	56.6	8.51	76.9	10.63
	23	31.2	6.83	44.8	7.74	55.9	9.19	58.8	9.82	61.9	10.52	66.1	11.32	84.4	13.46
	25	36.7	7.67	50.9	9.26	63.2	11.57	66.9	12.56	70.8	13.64	75.6	14.72	91.9	16.87
	27	42.3	8.93	57.1	11.33	70.5	14.49	75.1	15.73	79.9	17.13	85.2	18.53	99.3	20.80
	29	47.8	10.74	63.2	13.94	77.8	17.62	83.2	19.30	88.8	21.18	94.8	23.04	106.8	25.49
	31	53.3	13.02	69.3	16.71	85.2	21.28	91.2	23.45	97.9	25.89	104.4	28.22	114.3	31.23
	33	59.0	15.32	75.3	19.83	92.4	25.60	99.4	28.22	106.8	31.36	113.9	34.45	121.7	37.37
	35	64.5	17.95	81.6	23.47	99.6	30.38	107.5	33.74	115.9	37.55	123.3	41.28	129.2	44.37
	37	64.5	19.25	81.6	25.12	99.6	32.65	107.5	36.26	115.9	40.52	123.3	44.60	129.1	48.10
	39	64.5	20.53	81.6	26.96	99.6	35.13	107.5	39.03	115.4	43.49	119.7	45.89	122.1	47.25
	41	64.5	22.03	81.6	28.99	99.6	37.76	104.5	40.35	107.8	42.04	107.8	42.04	107.8	42.04
	43	64.5	23.61	81.6	31.10	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70	93.0	36.70
	46	64.5	26.23	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28

7. Capacity Tables

Cooling Capacity (48HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	19.9	6.09	31.2	6.09	39.3	6.28	40.8	6.30	42.3	6.34	45.3	6.53	64.1	8.05
	12	19.9	6.09	31.2	6.09	39.3	6.28	40.8	6.32	42.3	6.36	45.3	6.55	64.1	8.17
	14	19.9	6.09	31.2	6.09	39.3	6.30	40.8	6.34	42.3	6.40	45.3	6.62	64.1	8.26
	16	19.9	6.09	31.2	6.11	39.3	6.32	40.8	6.36	42.3	6.45	45.3	6.72	64.1	8.36
	18	19.9	6.09	31.2	6.11	39.3	6.34	40.8	6.40	42.3	6.53	45.3	6.74	64.1	8.47
	20	19.9	6.09	31.2	6.13	39.3	6.36	40.8	6.45	42.3	6.55	45.3	6.81	64.1	8.58
	21	22.4	6.19	33.9	6.39	42.5	6.85	44.4	7.05	46.3	7.28	49.5	7.65	67.3	9.39
	23	27.2	6.51	39.2	7.15	48.9	8.14	51.4	8.56	54.0	9.15	57.9	9.78	73.9	11.52
	25	32.1	7.09	44.6	8.26	55.2	9.92	58.5	10.71	62.0	11.58	66.3	12.54	80.4	14.34
	27	36.9	7.99	49.9	9.85	61.7	12.29	65.7	13.43	69.9	14.60	74.6	15.73	86.9	17.53
	29	41.9	9.36	55.2	12.04	68.1	15.10	72.8	16.42	77.7	17.92	82.8	19.34	93.5	21.20
	31	46.8	11.29	60.7	14.52	74.4	18.11	79.9	19.75	85.7	21.68	91.2	23.51	100.0	25.65
	33	51.6	13.45	66.0	17.09	80.9	21.61	86.9	23.63	93.6	26.06	99.6	28.39	106.5	30.70
	35	56.4	15.60	71.3	20.00	87.3	25.57	94.1	28.18	101.5	31.16	108.0	33.83	113.1	36.22
	37	56.4	16.70	71.3	21.48	87.3	27.43	94.1	30.17	101.5	33.38	108.0	36.51	113.1	39.07
	39	56.4	17.84	71.3	23.03	87.3	29.39	94.1	32.44	101.5	35.89	108.0	39.29	113.1	42.09
	41	56.4	19.10	71.3	24.63	87.3	31.61	94.1	34.89	101.0	38.44	104.7	40.47	106.8	41.51
	43	56.4	20.54	71.3	26.48	87.0	33.81	90.7	35.59	93.0	36.70	93.0	36.70	93.0	36.70
	46	56.4	22.78	69.3	28.51	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	55.8	24.15	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28
60	10	17.1	6.09	26.7	6.09	33.7	6.13	35.0	6.15	36.3	6.19	38.9	6.26	54.9	7.25
	12	17.1	6.09	26.7	6.09	33.7	6.15	35.0	6.17	36.3	6.21	38.9	6.28	54.9	7.33
	14	17.1	6.09	26.7	6.09	33.7	6.15	35.0	6.19	36.3	6.21	38.9	6.30	54.9	7.44
	16	17.1	6.09	26.7	6.09	33.7	6.17	35.0	6.21	36.3	6.23	38.9	6.30	54.9	7.49
	18	17.1	6.09	26.7	6.09	33.7	6.19	35.0	6.21	36.3	6.26	38.9	6.32	54.9	7.58
	20	17.1	6.09	26.7	6.09	33.7	6.21	35.0	6.23	36.3	6.28	38.9	6.34	54.9	7.67
	21	19.2	6.11	29.1	6.24	36.5	6.52	38.0	6.62	39.6	6.76	42.4	6.92	57.6	8.23
	23	23.3	6.23	33.6	6.70	42.0	7.38	44.1	7.68	46.4	8.03	49.6	8.40	63.3	9.76
	25	27.6	6.57	38.1	7.42	47.5	8.61	50.1	9.17	53.1	9.79	56.7	10.46	68.9	11.86
	27	31.7	7.17	42.8	8.53	52.8	10.35	56.3	11.21	60.0	12.18	63.9	13.12	74.4	14.57
	29	35.9	8.14	47.3	10.13	58.4	12.69	62.4	13.79	66.7	14.96	71.1	16.10	80.1	17.52
	31	40.0	9.61	51.9	12.34	63.9	15.27	68.4	16.52	73.5	17.93	78.3	19.34	85.7	20.85
	33	44.2	11.61	56.5	14.58	69.3	18.00	74.6	19.60	80.1	21.41	85.4	23.16	91.2	24.97
	35	48.4	13.46	61.2	16.94	74.8	21.19	80.7	23.20	86.9	25.42	92.5	27.52	96.9	29.25
	37	48.4	14.31	61.2	18.14	74.8	22.73	80.7	24.84	86.9	27.22	92.5	29.51	96.9	31.31
	39	48.4	15.33	61.2	19.41	74.8	24.34	80.7	26.66	86.9	29.25	92.5	31.64	96.9	33.69
	41	48.4	16.46	61.2	20.86	74.8	26.04	80.7	28.52	86.9	31.39	92.5	34.05	96.9	36.30
	43	48.4	17.61	61.2	22.26	74.8	27.93	80.7	30.71	86.7	33.64	90.1	35.34	91.9	36.19
	46	48.4	19.59	61.2	24.75	70.8	29.16	71.7	29.52	71.7	29.52	71.7	29.52	71.7	29.52
	48	48.4	20.94	57.8	24.97	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28
50	10	14.2	6.09	22.3	6.09	28.1	6.09	29.1	6.09	30.2	6.09	32.4	6.09	45.8	6.53
	12	14.2	6.09	22.3	6.09	28.1	6.09	29.1	6.09	30.2	6.09	32.4	6.11	45.8	6.60
	14	14.2	6.09	22.3	6.09	28.1	6.09	29.1	6.09	30.2	6.09	32.4	6.13	45.8	6.62
	16	14.2	6.09	22.3	6.09	28.1	6.09	29.1	6.09	30.2	6.09	32.4	6.13	45.8	6.72
	18	14.2	6.09	22.3	6.09	28.1	6.09	29.1	6.09	30.2	6.09	32.4	6.15	45.8	6.79
	20	14.2	6.09	22.3	6.09	28.1	6.09	29.1	6.09	30.2	6.11	32.4	6.17	45.8	6.87
	21	16.0	6.04	24.2	6.13	30.4	6.25	31.7	6.31	33.1	6.40	35.3	6.51	48.0	7.22
	23	19.5	6.01	28.0	6.32	34.9	6.73	36.7	6.93	38.7	7.18	41.3	7.45	52.8	8.19
	25	22.9	6.13	31.9	6.72	39.6	7.52	41.8	7.91	44.3	8.32	47.3	8.79	57.4	9.65
	27	26.4	6.45	35.7	7.41	44.1	8.67	46.8	9.26	49.9	9.96	53.3	10.65	62.1	11.63
	29	30.0	7.09	39.5	8.52	48.7	10.36	52.0	11.21	55.5	12.23	59.2	13.16	66.8	14.11
	31	33.3	8.10	43.2	10.12	53.2	12.59	57.1	13.64	61.2	14.71	65.2	15.74	71.5	16.77
	33	36.9	9.66	47.1	12.24	57.8	14.79	62.1	16.02	66.8	17.36	71.1	18.61	76.1	19.78
	35	40.3	11.43	50.9	14.07	62.4	17.28	67.2	18.73	72.5	20.43	77.1	22.00	80.7	23.20
	37	40.3	12.21	50.9	15.03	62.4	18.53	67.2	20.09	72.5	21.93	77.1	23.49	80.7	24.84
	39	40.3	13.03	50.9	16.15	62.4	19.86	67.2	21.50	72.5	23.42	77.1	25.20	80.7	26.66
	41	40.3	13.96	50.9	17.27	62.4	21.20	67.2	23.06	72.5	25.07	77.1	27.08	80.7	28.59
	43	40.3	14.99	50.9	18.46	62.4	22.75	67.2	24.74	72.5	26.92	77.1	29.02	80.7	30.76
	46	40.3	16.55	50.9	20.55	62.4	25.32	66.9	27.40	69.8	28.72	71.7	29.52	71.7	29.52
	48	40.3	17.80	50.9	21.94	58.3	25.18	58.4	25.28	58.4	25.28	58.4	25.28	58.4	25.28

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM500LTE5

Cooling Capacity (50HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	38.6	7.04	60.3	7.99	76.1	9.29	78.9	9.52	81.7	9.77	87.7	10.36	123.9	14.26
	12	38.6	7.04	60.3	8.02	76.1	9.42	78.9	9.63	81.7	9.93	87.7	10.52	123.9	14.50
	14	38.6	7.04	60.3	8.12	76.1	9.52	78.9	9.77	81.7	10.05	87.7	10.67	123.9	14.73
	16	38.6	7.04	60.3	8.22	76.1	9.63	78.9	9.88	81.7	10.16	87.7	10.78	123.9	14.98
	18	38.6	7.04	60.3	8.33	76.1	9.75	78.9	10.05	81.7	10.31	87.7	10.91	123.9	15.27
	20	38.6	7.04	60.3	8.39	76.1	9.88	78.9	10.16	81.7	10.47	87.7	11.11	123.9	15.52
	21	43.3	7.74	65.5	9.54	82.2	11.65	85.8	12.23	89.5	12.89	95.8	13.84	130.3	18.25
	23	52.7	9.50	75.8	12.41	94.7	15.83	99.5	17.03	104.7	18.45	112.0	20.15	142.9	24.76
	25	62.1	11.89	86.2	15.97	107.0	20.74	113.3	22.73	120.0	25.03	128.0	27.58	155.2	32.82
	27	71.6	14.85	96.6	20.08	119.3	26.46	127.0	29.39	135.2	32.83	144.2	36.58	167.1	42.29
	29	80.9	18.31	107.0	24.82	131.7	33.22	140.8	37.30	150.5	42.16	159.4	46.58	178.0	52.37
	31	90.4	22.10	117.2	30.32	144.1	41.26	154.5	46.70	163.7	51.70	172.3	56.60	185.2	60.89
	33	99.8	26.54	127.5	36.76	156.1	50.24	165.2	55.27	173.8	60.32	178.5	62.87	186.3	66.13
	35	109.2	31.69	138.0	43.94	164.4	57.73	171.1	61.78	176.2	64.84	177.9	65.96	177.9	65.96
	37	109.2	34.01	137.1	46.88	155.1	56.42	159.0	58.79	159.0	58.79	159.0	58.79	159.0	58.79
	39	109.2	36.55	133.2	48.15	140.8	52.19	140.8	52.19	140.8	52.19	140.8	52.19	140.8	52.19
	41	107.9	38.57	122.7	45.66	123.2	45.93	123.2	45.93	123.2	45.93	123.2	45.93	123.2	45.93
	43	102.3	38.40	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34
	46	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58
	48	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99
120	10	35.5	7.04	55.7	7.61	70.3	8.80	72.8	9.02	75.5	9.23	80.9	9.75	114.5	13.15
	12	35.5	7.04	55.7	7.66	70.3	8.90	72.8	9.12	75.5	9.34	80.9	9.85	114.5	13.33
	14	35.5	7.04	55.7	7.77	70.3	9.02	72.8	9.23	75.5	9.46	80.9	9.98	114.5	13.56
	16	35.5	7.04	55.7	7.80	70.3	9.12	72.8	9.29	75.5	9.59	80.9	10.11	114.5	13.83
	18	35.5	7.04	55.7	7.90	70.3	9.19	72.8	9.42	75.5	9.66	80.9	10.23	114.5	14.00
	20	35.5	7.04	55.7	7.99	70.3	9.29	72.8	9.55	75.5	9.81	80.9	10.40	114.5	14.30
	21	40.0	7.59	60.5	8.96	75.9	10.79	79.2	11.32	82.5	11.88	88.4	12.73	120.3	16.61
	23	48.7	9.05	70.0	11.40	87.4	14.43	91.8	15.50	96.6	16.69	103.3	18.07	132.0	22.02
	25	57.3	11.04	79.5	14.52	98.8	18.71	104.5	20.40	110.7	22.37	118.3	24.50	143.6	28.83
	27	66.0	13.66	89.1	18.19	110.2	23.68	117.2	26.11	124.7	28.96	133.2	31.93	155.3	37.17
	29	74.7	16.73	98.7	22.36	121.6	29.44	130.0	32.85	138.8	36.80	148.0	40.96	167.0	47.00
	31	83.4	20.14	108.3	27.15	133.0	36.39	142.6	40.82	153.0	46.22	161.5	50.54	175.5	55.56
	33	92.2	24.04	117.8	32.78	144.5	44.31	155.1	49.92	164.1	54.71	172.5	59.67	179.8	62.32
	35	100.8	28.61	127.4	39.07	154.5	52.36	163.8	57.43	170.8	61.63	175.0	64.05	177.9	65.96
	37	100.8	30.63	127.4	42.06	150.4	53.94	154.8	56.28	159.0	58.79	159.0	58.79	159.0	58.79
	39	100.8	32.90	125.3	44.11	139.6	51.48	140.8	52.19	140.8	52.19	140.8	52.19	140.8	52.19
	41	100.8	35.24	118.9	43.72	123.2	45.93	123.2	45.93	123.2	45.93	123.2	45.93	123.2	45.93
	43	98.1	36.52	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34
	46	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58
	48	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99
110	10	32.5	7.04	51.0	7.31	64.5	8.33	66.7	8.49	69.2	8.69	74.2	9.12	104.8	12.12
	12	32.5	7.04	51.0	7.37	64.5	8.37	66.7	8.59	69.2	8.80	74.2	9.23	104.8	12.29
	14	32.5	7.04	51.0	7.37	64.5	8.47	66.7	8.69	69.2	8.90	74.2	9.34	104.8	12.48
	16	32.5	7.04	51.0	7.46	64.5	8.56	66.7	8.80	69.2	9.02	74.2	9.46	104.8	12.64
	18	32.5	7.04	51.0	7.51	64.5	8.67	66.7	8.90	69.2	9.12	74.2	9.55	104.8	12.90
	20	32.5	7.04	51.0	7.61	64.5	8.80	66.7	9.02	69.2	9.19	74.2	9.71	104.8	13.05
	21	36.6	7.47	55.4	8.39	69.7	10.05	72.5	10.49	75.7	10.94	81.1	11.68	110.2	15.01
	23	44.5	8.62	64.2	10.41	80.0	13.05	84.2	13.98	88.6	15.10	94.7	16.26	120.9	19.64
	25	52.5	10.27	73.0	13.09	90.5	16.77	95.8	18.23	101.5	19.89	108.4	21.65	131.6	25.23
	27	60.5	12.46	81.7	16.36	101.0	21.09	107.5	23.16	114.5	25.52	122.0	27.96	142.2	32.12
	29	68.5	15.19	90.5	20.02	111.4	26.05	119.1	28.87	127.3	32.08	135.8	35.39	153.0	40.32
	31	76.5	18.29	99.2	24.19	122.0	31.98	130.8	35.62	140.3	39.97	149.5	44.28	163.6	49.47
	33	84.5	21.70	108.0	29.09	132.4	38.80	142.5	43.44	153.2	48.95	161.0	53.11	170.7	57.20
	35	92.5	25.69	116.7	34.71	142.8	46.39	153.1	51.68	162.3	56.67	169.2	60.66	172.2	62.38
	37	92.5	27.50	116.7	37.19	140.7	48.71	149.2	53.35	154.1	55.86	157.9	58.16	159.0	58.79
	39	92.5	29.47	116.7	40.01	134.9	48.93	138.9	51.07	140.8	52.19	140.8	52.19	140.8	52.19
	41	92.5	31.61	113.6	41.24	123.2	45.93	123.2	45.93	123.2	45.93	123.2	45.93	123.2	45.93
	43	91.8	33.57	105.0	39.61	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34
	46	81.9	32.46	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58
	48	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99

7. Capacity Tables

Cooling Capacity (50HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	29.7	7.04	46.3	7.08	58.6	7.80	60.7	7.99	62.9	8.20	67.5	8.56	95.3	11.11
	12	29.7	7.04	46.3	7.14	58.6	7.90	60.7	8.10	62.9	8.26	67.5	8.63	95.3	11.28
	14	29.7	7.04	46.3	7.14	58.6	7.99	60.7	8.16	62.9	8.33	67.5	8.73	95.3	11.40
	16	29.7	7.04	46.3	7.19	58.6	8.10	60.7	8.22	62.9	8.43	67.5	8.80	95.3	11.61
	18	29.7	7.04	46.3	7.26	58.6	8.12	60.7	8.33	62.9	8.52	67.5	8.90	95.3	11.77
	20	29.7	7.04	46.3	7.26	58.6	8.22	60.7	8.43	62.9	8.59	67.5	9.04	95.3	11.95
	21	33.3	7.34	50.3	7.88	63.3	9.22	65.9	9.63	68.8	10.02	73.7	10.68	100.2	13.57
	23	40.5	8.22	58.3	9.54	72.8	11.77	76.6	12.61	80.5	13.51	86.1	14.56	110.0	17.46
	25	47.8	9.52	66.3	11.79	82.3	14.95	87.2	16.24	92.2	17.65	98.5	19.11	119.7	22.07
	27	55.0	11.33	74.2	14.63	91.8	18.72	97.7	20.45	104.0	22.40	110.9	24.46	129.3	27.67
	29	62.2	13.72	82.2	17.83	101.3	22.95	108.3	25.26	115.8	27.98	123.4	30.61	139.1	34.44
	31	69.5	16.53	90.2	21.50	110.8	27.91	118.8	30.92	127.5	34.39	135.8	37.95	148.8	42.18
	33	76.7	19.46	98.2	25.68	120.3	33.75	129.5	37.53	139.2	42.08	148.3	46.43	158.3	50.55
	35	84.1	22.91	106.2	30.45	129.8	40.18	140.0	44.88	150.8	50.50	158.2	54.30	164.0	57.68
	37	84.1	24.60	106.2	32.78	129.8	43.24	138.6	47.66	146.9	51.98	152.1	54.87	154.9	56.40
	39	84.1	26.35	106.2	35.12	127.1	45.00	133.9	48.42	137.8	50.51	140.8	52.19	140.8	52.19
	41	84.1	28.19	105.6	37.43	119.7	44.11	123.2	45.93	123.2	45.93	123.2	45.93	123.2	45.93
	43	84.1	30.29	101.2	37.83	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34
	46	78.9	31.14	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58
	48	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99
90	10	26.7	7.04	41.7	7.04	52.7	7.37	54.6	7.55	56.6	7.70	60.8	7.99	85.8	10.16
	12	26.7	7.04	41.7	7.04	52.7	7.46	54.6	7.61	56.6	7.77	60.8	8.10	85.8	10.31
	14	26.7	7.04	41.7	7.04	52.7	7.51	54.6	7.66	56.6	7.80	60.8	8.16	85.8	10.43
	16	26.7	7.04	41.7	7.04	52.7	7.57	54.6	7.70	56.6	7.90	60.8	8.22	85.8	10.54
	18	26.7	7.04	41.7	7.04	52.7	7.66	54.6	7.80	56.6	7.99	60.8	8.33	85.8	10.78
	20	26.7	7.04	41.7	7.06	52.7	7.70	54.6	7.90	56.6	8.06	60.8	8.43	85.8	10.91
	21	30.0	7.25	45.3	7.53	57.0	8.49	59.3	8.84	62.0	9.20	66.3	9.73	90.2	12.20
	23	36.5	7.88	52.5	8.78	65.5	10.53	68.9	11.24	72.5	12.03	77.5	12.92	98.9	15.37
	25	43.0	8.86	59.7	10.55	74.1	13.20	78.4	14.32	83.0	15.53	88.7	16.80	107.7	19.27
	27	49.5	10.28	66.8	12.95	82.6	16.46	88.0	17.94	93.6	19.59	99.9	21.21	116.4	23.81
	29	56.1	12.30	74.0	15.80	91.2	20.14	97.5	22.01	104.2	24.21	111.1	26.34	125.2	29.23
	31	62.5	14.78	81.2	18.96	99.7	24.24	107.0	26.73	114.7	29.57	122.2	32.30	133.9	35.71
	33	69.1	17.40	88.3	22.62	108.3	29.25	116.5	32.33	125.3	35.85	133.4	39.34	142.7	42.81
	35	75.7	20.29	95.5	26.68	116.8	34.71	126.0	38.47	135.8	42.96	144.6	47.29	151.2	50.64
	37	75.7	21.79	95.5	28.61	116.8	37.19	126.0	41.36	135.4	46.12	142.1	49.49	147.3	52.23
	39	75.7	23.41	95.5	30.71	116.8	40.03	124.3	43.51	131.7	47.35	135.6	49.31	138.0	50.53
	41	75.7	25.02	95.5	32.93	113.7	41.25	118.4	43.48	121.9	45.26	123.2	45.93	123.2	45.93
	43	75.7	26.90	94.1	34.67	105.1	39.61	106.4	40.34	106.4	40.34	106.4	40.34	106.4	40.34
	46	74.0	29.11	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58
	48	66.8	27.89	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99
80	10	23.7	7.04	37.1	7.04	46.8	7.08	48.6	7.19	50.3	7.26	54.0	7.46	76.3	9.29
	12	23.7	7.04	37.1	7.04	46.8	7.14	48.6	7.19	50.3	7.31	54.0	7.55	76.3	9.42
	14	23.7	7.04	37.1	7.04	46.8	7.19	48.6	7.26	50.3	7.37	54.0	7.61	76.3	9.52
	16	23.7	7.04	37.1	7.04	46.8	7.19	48.6	7.31	50.3	7.39	54.0	7.70	76.3	9.63
	18	23.7	7.04	37.1	7.04	46.8	7.26	48.6	7.37	50.3	7.46	54.0	7.77	76.3	9.77
	20	23.7	7.04	37.1	7.04	46.8	7.31	48.6	7.39	50.3	7.51	54.0	7.82	76.3	9.88
	21	26.6	7.15	40.3	7.37	50.7	7.90	52.8	8.11	55.0	8.38	58.9	8.83	80.2	10.88
	23	32.5	7.56	46.7	8.28	58.3	9.41	61.2	9.97	64.5	10.63	68.9	11.37	88.0	13.45
	25	38.3	8.24	53.0	9.59	65.8	11.56	69.7	12.47	73.8	13.53	78.8	14.60	95.8	16.65
	27	44.0	9.33	59.5	11.44	73.4	14.29	78.2	15.52	83.2	16.91	88.8	18.25	103.5	20.40
	29	49.8	10.91	65.8	13.89	81.1	17.47	86.7	19.03	92.5	20.78	98.7	22.49	111.3	24.76
	31	55.5	13.05	72.2	16.68	88.7	20.94	95.0	23.00	102.0	25.25	108.7	27.38	119.1	30.07
	33	61.4	15.39	78.5	19.66	96.3	25.09	103.6	27.57	111.3	30.38	118.6	33.21	126.8	35.86
	35	67.2	17.93	85.0	23.15	103.8	29.72	112.0	32.83	120.8	36.32	128.5	39.66	134.6	42.34
	37	67.2	19.22	85.0	24.85	103.8	31.89	112.0	35.16	120.8	38.97	128.5	42.60	134.5	45.64
	39	67.2	20.55	85.0	26.61	103.8	34.23	112.0	37.77	120.3	41.65	126.2	44.49	130.8	46.83
	41	67.2	22.05	85.0	28.62	103.8	36.63	110.0	39.44	116.5	42.52	119.3	43.86	121.5	45.00
	43	67.2	23.70	85.0	30.65	100.4	37.49	103.3	38.87	106.4	40.34	106.4	40.34	106.4	40.34
	46	67.2	26.26	79.2	31.25	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58
	48	63.8	26.66	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99

7. Capacity Tables

Cooling Capacity (50HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	20.8	7.04	32.5	7.04	41.0	7.04	42.5	7.04	44.0	7.04	47.2	7.14	66.7	8.49
	12	20.8	7.04	32.5	7.04	41.0	7.04	42.5	7.04	44.0	7.04	47.2	7.14	66.7	8.59
	14	20.8	7.04	32.5	7.04	41.0	7.04	42.5	7.04	44.0	7.06	47.2	7.19	66.7	8.69
	16	20.8	7.04	32.5	7.04	41.0	7.04	42.5	7.04	44.0	7.08	47.2	7.26	66.7	8.80
	18	20.8	7.04	32.5	7.04	41.0	7.04	42.5	7.06	44.0	7.14	47.2	7.26	66.7	8.90
	20	20.8	7.04	32.5	7.04	41.0	7.04	42.5	7.08	44.0	7.14	47.2	7.31	66.7	9.02
	21	23.3	7.08	35.3	7.22	44.3	7.44	46.2	7.60	48.2	7.77	51.6	8.04	70.1	9.73
	23	28.3	7.27	40.8	7.82	50.9	8.56	53.6	8.93	56.3	9.43	60.3	9.95	77.0	11.60
	25	33.4	7.72	46.4	8.75	57.5	10.14	61.0	10.85	64.5	11.61	69.0	12.46	83.7	14.17
	27	38.5	8.46	52.0	10.12	64.2	12.28	68.4	13.33	72.8	14.44	77.7	15.55	90.5	17.32
	29	43.6	9.66	57.5	12.09	70.9	14.99	75.8	16.31	81.0	17.75	86.3	19.08	97.3	20.85
	31	48.7	11.36	63.2	14.53	77.5	18.00	83.3	19.52	89.2	21.33	95.0	23.03	104.2	25.00
	33	53.7	13.57	68.7	17.10	84.2	21.33	90.5	23.26	97.5	25.54	103.8	27.69	110.9	29.85
	35	58.8	15.64	74.2	19.93	90.9	25.21	98.0	27.59	105.7	30.41	112.5	32.86	117.8	35.06
	37	58.8	16.78	74.2	21.40	90.9	26.98	98.0	29.56	105.7	32.52	112.5	35.42	117.8	37.68
	39	58.8	17.90	74.2	22.94	90.9	28.91	98.0	31.72	105.7	34.89	112.5	37.96	117.8	40.42
	41	58.8	19.21	74.2	24.53	90.9	31.04	98.0	34.13	105.2	37.29	110.4	39.66	114.4	41.52
	43	58.8	20.66	74.2	26.38	90.6	33.12	96.0	35.49	101.0	37.82	103.5	38.88	105.4	39.84
	46	58.8	22.99	72.9	28.69	81.3	32.23	82.2	32.58	82.2	32.58	82.2	32.58	82.2	32.58
	48	58.2	24.37	66.3	27.69	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99
60	10	17.8	7.04	27.8	7.04	35.1	7.04	36.4	7.04	37.8	7.04	40.5	7.04	57.2	7.70
	12	17.8	7.04	27.8	7.04	35.1	7.04	36.4	7.04	37.8	7.04	40.5	7.04	57.2	7.80
	14	17.8	7.04	27.8	7.04	35.1	7.04	36.4	7.04	37.8	7.04	40.5	7.04	57.2	7.90
	16	17.8	7.04	27.8	7.04	35.1	7.04	36.4	7.04	37.8	7.04	40.5	7.04	57.2	7.92
	18	17.8	7.04	27.8	7.04	35.1	7.04	36.4	7.04	37.8	7.04	40.5	7.04	57.2	8.02
	20	17.8	7.04	27.8	7.04	35.1	7.04	36.4	7.04	37.8	7.04	40.5	7.04	57.2	8.12
	21	20.0	7.01	30.3	7.12	38.0	7.27	39.5	7.34	41.3	7.44	44.2	7.53	60.0	8.61
	23	24.3	7.02	35.0	7.44	43.7	7.98	45.9	8.22	48.3	8.53	51.7	8.81	65.9	9.94
	25	28.7	7.23	39.7	8.01	49.5	9.02	52.2	9.52	55.3	10.07	59.1	10.64	71.7	11.86
	27	33.0	7.69	44.5	8.95	55.0	10.55	58.6	11.33	62.5	12.19	66.6	13.05	77.5	14.37
	29	37.4	8.52	49.3	10.36	60.8	12.68	65.0	13.72	69.5	14.88	74.1	16.00	83.4	17.35
	31	41.7	9.81	54.1	12.36	66.5	15.27	71.3	16.53	76.5	17.86	81.5	19.14	89.2	20.57
	33	46.1	11.65	58.9	14.67	72.2	17.95	77.7	19.46	83.5	21.18	88.9	22.81	95.0	24.45
	35	50.5	13.57	63.7	16.97	77.9	21.01	84.0	22.91	90.5	25.03	96.4	27.00	100.9	28.63
	37	50.5	14.49	63.7	18.17	77.9	22.54	84.0	24.60	90.5	26.82	96.4	28.96	100.9	30.65
	39	50.5	15.49	63.7	19.49	77.9	24.13	84.0	26.35	90.5	28.84	96.4	31.00	100.9	32.91
	41	50.5	16.67	63.7	20.93	77.9	25.88	84.0	28.19	90.5	30.88	96.4	33.29	100.9	35.31
	43	50.5	17.81	63.7	22.39	77.9	27.77	84.0	30.29	90.3	33.01	94.8	35.01	98.2	36.53
	46	50.5	19.87	63.7	24.83	75.7	29.85	78.8	31.14	81.2	32.13	82.2	32.58	82.2	32.58
	48	50.5	21.30	61.9	25.86	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99	67.0	27.99
50	10	14.8	7.04	23.2	7.04	29.2	7.04	30.3	7.04	31.4	7.04	33.7	7.04	47.7	7.14
	12	14.8	7.04	23.2	7.04	29.2	7.04	30.3	7.04	31.4	7.04	33.7	7.04	47.7	7.19
	14	14.8	7.04	23.2	7.04	29.2	7.04	30.3	7.04	31.4	7.04	33.7	7.04	47.7	7.19
	16	14.8	7.04	23.2	7.04	29.2	7.04	30.3	7.04	31.4	7.04	33.7	7.04	47.7	7.26
	18	14.8	7.04	23.2	7.04	29.2	7.04	30.3	7.04	31.4	7.04	33.7	7.04	47.7	7.31
	20	14.8	7.04	23.2	7.04	29.2	7.04	30.3	7.04	31.4	7.04	33.7	7.04	47.7	7.37
	21	16.7	6.95	25.2	7.02	31.7	7.12	33.0	7.18	34.5	7.25	36.8	7.30	50.0	7.65
	23	20.3	6.82	29.2	7.10	36.4	7.47	38.3	7.66	40.3	7.87	43.0	8.07	55.0	8.48
	25	23.9	6.83	33.2	7.38	41.2	8.10	43.6	8.44	46.1	8.82	49.2	9.20	59.8	9.79
	27	27.5	7.03	37.2	7.93	45.9	9.07	48.8	9.62	52.0	10.25	55.5	10.84	64.7	11.59
	29	31.2	7.52	41.1	8.87	50.7	10.57	54.2	11.33	57.8	12.26	61.7	13.12	69.5	13.93
	31	34.7	8.37	45.0	10.29	55.4	12.57	59.5	13.64	63.7	14.72	67.9	15.78	74.5	16.71
	33	38.4	9.74	49.1	12.30	60.2	14.90	64.7	16.08	69.6	17.36	74.1	18.53	79.2	19.58
	35	42.0	11.53	53.0	14.14	65.0	17.24	70.0	18.64	75.5	20.29	80.3	21.78	84.1	22.92
	37	42.0	12.36	53.0	15.18	65.0	18.53	70.0	20.03	75.5	21.77	80.3	23.26	84.1	24.60
	39	42.0	13.26	53.0	16.28	65.0	19.86	70.0	21.44	75.5	23.25	80.3	25.02	84.1	26.35
	41	42.0	14.22	53.0	17.46	65.0	21.25	70.0	23.06	75.5	24.96	80.3	26.82	84.1	28.27
	43	42.0	15.31	53.0	18.71	65.0	22.80	70.0	24.68	75.5	26.74	80.3	28.75	84.1	30.35
	46	42.0	16.94	53.0	20.82	65.0	25.39	69.7	27.34	73.9	29.09	77.5	30.61	78.9	31.15
	48	42.0	18.27	53.0	22.29	62.9	26.26	64.8	27.07	66.8	27.89	67.0	27.99	67.0	27.99

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM520LTE5

Cooling Capacity (52HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	40.1	7.00	62.7	8.18	79.1	9.58	82.1	9.81	85.0	10.07	91.2	10.67	128.9	14.85
	12	40.1	7.00	62.7	8.21	79.1	9.71	82.1	9.92	85.0	10.28	91.2	10.88	128.9	15.14
	14	40.1	7.00	62.7	8.31	79.1	9.81	82.1	10.07	85.0	10.39	91.2	11.03	128.9	15.33
	16	40.1	7.00	62.7	8.41	79.1	9.92	82.1	10.18	85.0	10.51	91.2	11.14	128.9	15.64
	18	40.1	7.00	62.7	8.52	79.1	10.05	82.1	10.39	85.0	10.67	91.2	11.27	128.9	15.93
	20	40.1	7.00	62.7	8.62	79.1	10.18	82.1	10.51	85.0	10.78	91.2	11.53	128.9	16.24
	21	45.0	7.79	68.1	9.89	85.5	12.13	89.2	12.78	93.1	13.42	99.6	14.50	135.5	19.23
	23	54.8	9.76	78.8	13.04	98.5	16.66	103.5	17.95	108.9	19.51	116.5	21.39	148.7	26.35
	25	64.5	12.41	89.7	16.86	111.3	21.97	117.8	24.17	124.8	26.69	133.1	29.51	161.4	35.36
	27	74.4	15.68	100.4	21.28	124.0	28.24	132.1	31.46	140.6	35.22	150.0	39.42	173.9	46.06
	29	84.2	19.28	111.3	26.44	137.0	35.54	146.4	40.11	156.5	45.47	165.9	50.66	184.8	56.85
	31	94.1	23.41	121.9	32.36	149.8	44.44	160.7	50.44	170.3	56.25	179.3	62.13	190.8	65.52
	33	103.8	28.18	132.6	39.28	162.4	54.21	171.9	60.09	179.8	65.39	180.6	65.55	185.5	66.78
	35	113.6	33.77	143.5	47.03	171.1	62.78	175.1	65.60	175.1	65.60	175.1	65.60	175.1	65.60
	37	113.6	36.28	142.6	50.38	156.4	58.44	156.4	58.44	156.4	58.44	156.4	58.44	156.4	58.44
	39	113.6	38.94	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86
	41	112.3	41.21	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61
	43	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04
	46	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91
120	10	36.9	7.00	58.0	7.79	73.1	9.04	75.7	9.27	78.5	9.48	84.2	10.05	119.1	13.66
	12	36.9	7.00	58.0	7.81	73.1	9.14	75.7	9.37	78.5	9.58	84.2	10.15	119.1	13.84
	14	36.9	7.00	58.0	7.92	73.1	9.27	75.7	9.48	78.5	9.71	84.2	10.28	119.1	14.13
	16	36.9	7.00	58.0	7.98	73.1	9.37	75.7	9.58	78.5	9.84	84.2	10.41	119.1	14.41
	18	36.9	7.00	58.0	8.08	73.1	9.48	75.7	9.71	78.5	9.95	84.2	10.54	119.1	14.58
	20	36.9	7.00	58.0	8.18	73.1	9.58	75.7	9.84	78.5	10.15	84.2	10.75	119.1	14.89
	21	41.6	7.63	62.9	9.26	79.0	11.24	82.4	11.79	85.8	12.42	92.0	13.29	125.1	17.41
	23	50.7	9.28	72.8	11.95	90.8	15.21	95.4	16.32	100.4	17.59	107.4	19.10	137.3	23.36
	25	59.6	11.48	82.7	15.37	102.7	19.77	108.7	21.62	115.2	23.81	123.0	26.10	149.3	30.77
	27	68.6	14.38	92.6	19.20	114.6	25.19	121.9	27.86	129.7	30.98	138.6	34.25	161.5	40.22
	29	77.7	17.58	102.7	23.72	126.4	31.40	135.2	35.16	144.3	39.51	153.9	44.12	173.7	50.92
	31	86.8	21.22	112.6	28.91	138.3	39.06	148.4	43.97	159.1	49.93	168.0	54.96	182.6	60.67
	33	95.9	25.45	122.5	35.03	150.3	47.66	161.3	53.87	170.8	59.49	179.6	65.37	184.2	66.43
	35	104.8	30.40	132.4	41.73	160.7	56.48	170.5	62.44	175.1	65.60	175.1	65.60	175.1	65.60
	37	104.8	32.51	132.4	44.98	156.4	58.44	156.4	58.44	156.4	58.44	156.4	58.44	156.4	58.44
	39	104.8	34.96	130.3	47.42	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86
	41	104.8	37.50	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61
	43	102.1	39.02	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04
	46	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91
110	10	33.8	7.00	53.0	7.41	67.1	8.52	69.4	8.72	72.0	8.93	77.2	9.37	109.0	12.56
	12	33.8	7.00	53.0	7.51	67.1	8.60	69.4	8.83	72.0	9.04	77.2	9.48	109.0	12.73
	14	33.8	7.00	53.0	7.51	67.1	8.70	69.4	8.93	72.0	9.14	77.2	9.58	109.0	12.98
	16	33.8	7.00	53.0	7.61	67.1	8.80	69.4	9.04	72.0	9.27	77.2	9.71	109.0	13.14
	18	33.8	7.00	53.0	7.69	67.1	8.91	69.4	9.14	72.0	9.37	77.2	9.84	109.0	13.40
	20	33.8	7.00	53.0	7.79	67.1	9.04	69.4	9.27	72.0	9.48	77.2	10.05	109.0	13.56
	21	38.0	7.50	57.7	8.66	72.5	10.42	75.4	10.90	78.8	11.40	84.3	12.21	114.6	15.70
	23	46.3	8.80	66.8	10.90	83.2	13.73	87.6	14.70	92.1	15.89	98.5	17.13	125.8	20.72
	25	54.6	10.64	75.9	13.83	94.1	17.68	99.6	19.27	105.6	21.09	112.8	22.99	136.8	26.84
	27	62.9	13.09	85.0	17.29	105.0	22.35	111.8	24.61	119.1	27.21	126.9	29.87	147.9	34.47
	29	71.2	16.03	94.1	21.23	115.9	27.74	123.8	30.80	132.4	34.34	141.2	38.02	159.1	43.49
	31	79.6	19.24	103.2	25.71	126.9	34.17	136.0	38.14	145.9	42.97	155.5	47.80	170.2	53.46
	33	87.9	22.95	112.3	31.02	137.6	41.59	148.2	46.65	159.4	52.84	167.5	57.54	177.7	62.31
	35	96.2	27.21	121.4	37.00	148.5	49.81	159.3	55.64	168.9	61.50	175.1	65.60	175.1	65.60
	37	96.2	29.18	121.4	39.70	146.4	52.56	155.4	57.82	156.4	58.44	156.4	58.44	156.4	58.44
	39	96.2	31.23	121.4	42.75	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86
	41	96.2	33.55	118.3	44.25	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61
	43	95.5	35.70	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04
	46	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91

7. Capacity Tables

Cooling Capacity (52HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	30.9	7.00	48.1	7.04	60.9	7.98	63.2	8.18	65.5	8.39	70.2	8.80	99.1	11.53
	12	30.9	7.00	48.1	7.14	60.9	8.08	63.2	8.29	65.5	8.49	70.2	8.83	99.1	11.65
	14	30.9	7.00	48.1	7.14	60.9	8.18	63.2	8.39	65.5	8.52	70.2	8.93	99.1	11.78
	16	30.9	7.00	48.1	7.22	60.9	8.29	63.2	8.41	65.5	8.62	70.2	9.04	99.1	12.04
	18	30.9	7.00	48.1	7.33	60.9	8.31	63.2	8.52	65.5	8.72	70.2	9.14	99.1	12.20
	20	30.9	7.00	48.1	7.33	60.9	8.41	63.2	8.62	65.5	8.83	70.2	9.29	99.1	12.43
	21	34.6	7.36	52.3	8.03	65.8	9.52	68.6	9.95	71.5	10.41	76.7	11.09	104.2	14.23
	23	42.1	8.37	60.6	9.90	75.7	12.37	79.6	13.27	83.7	14.22	89.5	15.30	114.4	18.43
	25	49.7	9.84	68.9	12.40	85.6	15.82	90.7	17.17	95.9	18.65	102.4	20.22	124.5	23.42
	27	57.2	11.84	77.2	15.53	95.4	19.81	101.6	21.65	108.2	23.79	115.4	26.03	134.4	29.48
	29	64.7	14.46	85.5	18.81	105.3	24.35	112.6	26.85	120.4	29.85	128.4	32.68	144.6	37.02
	31	72.3	17.36	93.8	22.72	115.2	29.70	123.5	33.03	132.6	36.75	141.2	40.74	154.7	45.42
	33	79.8	20.50	102.2	27.31	125.1	36.12	134.7	40.16	144.8	45.21	154.2	50.07	164.6	54.53
	35	87.4	24.26	110.5	32.40	135.0	43.00	145.6	48.12	156.9	54.46	164.7	58.80	170.7	62.72
	37	87.4	26.02	110.5	34.83	135.0	46.31	144.2	51.22	153.0	56.32	156.4	58.44	156.4	58.44
	39	87.4	27.91	110.5	37.37	132.3	48.48	138.5	51.86	138.5	51.86	138.5	51.86	138.5	51.86
	41	87.4	29.83	109.9	39.99	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61
	43	87.4	32.10	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04
	46	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91
90	10	27.8	7.00	43.4	7.00	54.8	7.51	56.7	7.69	58.8	7.89	63.2	8.18	89.2	10.51
	12	27.8	7.00	43.4	7.00	54.8	7.61	56.7	7.79	58.8	7.92	63.2	8.29	89.2	10.67
	14	27.8	7.00	43.4	7.00	54.8	7.69	56.7	7.81	58.8	7.98	63.2	8.39	89.2	10.78
	16	27.8	7.00	43.4	7.00	54.8	7.71	56.7	7.89	58.8	8.08	63.2	8.41	89.2	10.90
	18	27.8	7.00	43.4	7.00	54.8	7.81	56.7	7.98	58.8	8.18	63.2	8.52	89.2	11.14
	20	27.8	7.00	43.4	7.02	54.8	7.89	56.7	8.08	58.8	8.29	63.2	8.62	89.2	11.27
	21	31.2	7.26	47.1	7.57	59.3	8.76	61.6	9.13	64.5	9.55	68.9	10.07	93.8	12.70
	23	38.0	8.00	54.6	8.98	68.1	10.99	71.7	11.78	75.4	12.63	80.6	13.61	102.9	16.23
	25	44.7	9.12	62.1	10.94	77.0	13.97	81.6	15.14	86.3	16.39	92.3	17.74	112.0	20.38
	27	51.5	10.69	69.4	13.62	86.0	17.42	91.5	18.97	97.3	20.73	103.8	22.52	121.1	25.31
	29	58.3	12.88	77.0	16.65	94.9	21.31	101.4	23.35	108.4	25.76	115.5	28.09	130.2	31.25
	31	65.0	15.60	84.5	20.01	103.7	25.75	111.3	28.46	119.3	31.57	127.1	34.48	139.3	38.32
	33	71.8	18.31	91.8	23.92	112.6	31.12	121.2	34.48	130.3	38.32	138.8	42.15	148.4	45.89
	35	78.8	21.40	99.3	28.31	121.4	37.00	131.0	41.11	141.2	46.01	150.3	50.85	157.3	54.50
	37	78.8	23.03	99.3	30.33	121.4	39.70	131.0	44.25	140.8	49.56	147.8	53.40	153.4	56.60
	39	78.8	24.71	99.3	32.60	121.4	42.78	129.3	46.68	137.1	51.02	138.5	51.86	138.5	51.86
	41	78.8	26.38	99.3	35.01	118.3	44.27	121.1	45.61	121.1	45.61	121.1	45.61	121.1	45.61
	43	78.8	28.41	97.9	36.86	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04
	46	77.1	30.82	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91
80	10	24.7	7.00	38.5	7.00	48.6	7.04	50.5	7.22	52.3	7.33	56.2	7.61	79.3	9.58
	12	24.7	7.00	38.5	7.00	48.6	7.14	50.5	7.22	52.3	7.41	56.2	7.69	79.3	9.71
	14	24.7	7.00	38.5	7.00	48.6	7.22	50.5	7.33	52.3	7.51	56.2	7.79	79.3	9.81
	16	24.7	7.00	38.5	7.00	48.6	7.22	50.5	7.41	52.3	7.53	56.2	7.89	79.3	9.92
	18	24.7	7.00	38.5	7.00	48.6	7.33	50.5	7.51	52.3	7.61	56.2	7.92	79.3	10.07
	20	24.7	7.00	38.5	7.00	48.6	7.41	50.5	7.53	52.3	7.69	56.2	8.00	79.3	10.18
	21	27.6	7.15	41.9	7.39	52.8	8.08	54.9	8.34	57.2	8.66	61.3	9.13	83.4	11.29
	23	33.8	7.65	48.6	8.43	60.6	9.76	63.7	10.42	67.1	11.11	71.7	11.91	91.5	14.12
	25	39.8	8.43	55.1	9.92	68.4	12.16	72.5	13.16	76.7	14.30	81.9	15.44	99.6	17.61
	27	45.8	9.66	61.9	11.95	76.4	15.19	81.4	16.44	86.6	17.89	92.3	19.31	107.6	21.61
	29	51.8	11.43	68.4	14.63	84.3	18.41	90.2	20.10	96.2	22.03	102.7	23.90	115.7	26.34
	31	57.7	13.72	75.1	17.52	92.3	22.15	98.8	24.40	106.1	26.86	113.1	29.15	123.8	32.13
	33	63.9	16.12	81.6	20.71	100.1	26.62	107.7	29.28	115.7	32.36	123.3	35.48	131.8	38.34
	35	69.9	18.89	88.4	24.50	107.9	31.55	116.5	34.96	125.6	38.77	133.6	42.36	139.9	45.35
	37	69.9	20.24	88.4	26.28	107.9	33.90	116.5	37.48	125.6	41.65	133.6	45.64	139.8	49.04
	39	69.9	21.61	88.4	28.18	107.9	36.44	116.5	40.23	125.1	44.58	131.3	47.74	136.1	50.46
	41	69.9	23.24	88.4	30.36	107.9	39.05	114.5	42.23	121.1	45.61	121.1	45.61	121.1	45.61
	43	69.9	24.94	88.4	32.47	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04	104.5	40.04
	46	69.9	27.67	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91

7. Capacity Tables

Cooling Capacity (52HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	21.6	7.00	33.8	7.00	42.6	7.00	44.2	7.00	45.8	7.00	49.1	7.14	69.4	8.72
	12	21.6	7.00	33.8	7.00	42.6	7.00	44.2	7.00	45.8	7.00	49.1	7.14	69.4	8.83
	14	21.6	7.00	33.8	7.00	42.6	7.00	44.2	7.00	45.8	7.02	49.1	7.22	69.4	8.93
	16	21.6	7.00	33.8	7.00	42.6	7.00	44.2	7.00	45.8	7.04	49.1	7.33	69.4	9.04
	18	21.6	7.00	33.8	7.00	42.6	7.00	44.2	7.02	45.8	7.14	49.1	7.33	69.4	9.14
	20	21.6	7.00	33.8	7.00	42.6	7.00	44.2	7.04	45.8	7.14	49.1	7.41	69.4	9.27
	21	24.2	7.07	36.7	7.23	46.0	7.47	48.1	7.64	50.2	7.85	53.6	8.24	73.0	10.06
	23	29.4	7.33	42.4	7.92	53.0	8.74	55.7	9.13	58.5	9.74	62.7	10.38	80.1	12.14
	25	34.8	7.86	48.3	9.00	59.8	10.51	63.4	11.30	67.1	12.14	71.8	13.13	87.1	14.98
	27	40.0	8.70	54.1	10.54	66.8	12.87	71.2	14.04	75.7	15.29	80.8	16.46	94.1	18.33
	29	45.3	10.05	59.8	12.70	73.8	15.81	78.8	17.20	84.2	18.72	89.7	20.17	101.2	22.07
	31	50.7	11.90	65.8	15.31	80.6	18.96	86.6	20.60	92.8	22.60	98.8	24.43	108.4	26.52
	33	55.9	14.20	71.5	17.94	87.6	22.58	94.1	24.58	101.4	27.10	107.9	29.48	115.4	31.77
	35	61.1	16.40	77.2	20.96	94.6	26.71	101.9	29.34	110.0	32.35	117.0	34.99	122.5	37.37
	37	61.1	17.58	77.2	22.56	94.6	28.63	101.9	31.39	110.0	34.56	117.0	37.76	122.5	40.29
	39	61.1	18.81	77.2	24.23	94.6	30.65	101.9	33.74	110.0	37.13	117.0	40.52	122.5	43.19
	41	61.1	20.17	77.2	25.88	94.6	32.95	101.9	36.25	109.5	39.75	114.9	42.47	119.1	44.55
	43	61.1	21.74	77.2	27.88	94.3	35.22	99.9	37.82	104.5	40.04	104.5	40.04	104.5	40.04
	46	61.1	24.15	75.9	30.38	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	60.5	25.65	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91
60	10	18.5	7.00	28.9	7.00	36.6	7.00	37.9	7.00	39.3	7.00	42.1	7.00	59.5	7.89
	12	18.5	7.00	28.9	7.00	36.6	7.00	37.9	7.00	39.3	7.00	42.1	7.00	59.5	7.98
	14	18.5	7.00	28.9	7.00	36.6	7.00	37.9	7.00	39.3	7.00	42.1	7.00	59.5	8.08
	16	18.5	7.00	28.9	7.00	36.6	7.00	37.9	7.00	39.3	7.00	42.1	7.00	59.5	8.10
	18	18.5	7.00	28.9	7.00	36.6	7.00	37.9	7.00	39.3	7.00	42.1	7.00	59.5	8.21
	20	18.5	7.00	28.9	7.00	36.6	7.00	37.9	7.00	39.3	7.00	42.1	7.00	59.5	8.31
	21	20.8	6.99	31.5	7.12	39.5	7.28	41.1	7.36	42.9	7.47	46.0	7.57	62.4	8.86
	23	25.2	7.06	36.4	7.52	45.5	8.11	47.8	8.37	50.2	8.70	53.8	9.01	68.6	10.37
	25	29.9	7.33	41.3	8.18	51.5	9.28	54.3	9.84	57.5	10.43	61.4	11.05	74.6	12.48
	27	34.3	7.87	46.3	9.24	57.2	10.99	60.9	11.84	65.0	12.78	69.2	13.71	80.6	15.23
	29	38.8	8.80	51.2	10.81	63.2	13.32	67.6	14.46	72.3	15.73	77.0	16.88	86.8	18.33
	31	43.4	10.25	56.2	12.99	69.2	16.07	74.1	17.36	79.6	18.74	84.8	20.18	92.8	21.72
	33	47.9	12.24	61.3	15.38	75.1	18.88	80.8	20.50	86.8	22.35	92.5	24.12	98.8	25.99
	35	52.5	14.20	66.3	17.84	81.1	22.15	87.4	24.26	94.1	26.52	100.3	28.65	105.0	30.42
	37	52.5	15.10	66.3	19.08	81.1	23.81	87.4	26.02	94.1	28.39	100.3	30.78	105.0	32.53
	39	52.5	16.20	66.3	20.45	81.1	25.54	87.4	27.91	94.1	30.57	100.3	32.90	105.0	34.98
	41	52.5	17.42	66.3	22.02	81.1	27.36	87.4	29.83	94.1	32.71	100.3	35.38	105.0	37.58
	43	52.5	18.67	66.3	23.52	81.1	29.31	87.4	32.10	93.9	35.02	98.7	37.32	102.3	39.02
	46	52.5	20.85	66.3	26.20	78.9	31.68	80.7	32.40	80.7	32.40	80.7	32.40	80.7	32.40
	48	52.5	22.33	64.5	27.29	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91
50	10	15.4	7.00	24.2	7.00	30.4	7.00	31.5	7.00	32.7	7.00	35.1	7.00	49.6	7.14
	12	15.4	7.00	24.2	7.00	30.4	7.00	31.5	7.00	32.7	7.00	35.1	7.00	49.6	7.22
	14	15.4	7.00	24.2	7.00	30.4	7.00	31.5	7.00	32.7	7.00	35.1	7.00	49.6	7.22
	16	15.4	7.00	24.2	7.00	30.4	7.00	31.5	7.00	32.7	7.00	35.1	7.00	49.6	7.33
	18	15.4	7.00	24.2	7.00	30.4	7.00	31.5	7.00	32.7	7.00	35.1	7.00	49.6	7.41
	20	15.4	7.00	24.2	7.00	30.4	7.00	31.5	7.00	32.7	7.00	35.1	7.00	49.6	7.51
	21	17.4	6.93	26.2	7.01	33.0	7.12	34.3	7.18	35.9	7.26	38.2	7.31	52.0	7.84
	23	21.1	6.83	30.4	7.14	37.9	7.55	39.8	7.76	41.9	7.99	44.7	8.21	57.2	8.77
	25	24.9	6.90	34.6	7.49	42.9	8.29	45.3	8.66	47.9	9.06	51.2	9.49	62.2	10.23
	27	28.6	7.16	38.7	8.12	47.8	9.39	50.7	9.96	54.1	10.65	57.7	11.30	67.3	12.22
	29	32.5	7.73	42.7	9.20	52.8	11.03	56.4	11.87	60.1	12.88	64.2	13.83	72.3	14.74
	31	36.1	8.70	46.8	10.75	57.7	13.22	61.9	14.39	66.3	15.49	70.7	16.57	77.5	17.59
	33	40.0	10.20	51.0	12.97	62.6	15.56	67.3	16.83	72.3	18.27	77.0	19.49	82.4	20.66
	35	43.7	12.03	55.1	14.79	67.6	18.12	72.8	19.62	78.5	21.40	83.5	23.01	87.4	24.26
	37	43.7	12.91	55.1	15.88	67.6	19.52	72.8	21.14	78.5	23.01	83.5	24.55	87.4	26.02
	39	43.7	13.79	55.1	17.08	67.6	20.90	72.8	22.60	78.5	24.55	83.5	26.38	87.4	27.91
	41	43.7	14.84	55.1	18.29	67.6	22.34	72.8	24.28	78.5	26.33	83.5	28.41	87.4	29.91
	43	43.7	15.96	55.1	19.59	67.6	24.02	72.8	26.04	78.5	28.25	83.5	30.41	87.4	32.15
	46	43.7	17.63	55.1	21.84	67.6	26.77	72.5	28.88	76.9	30.80	80.7	32.40	80.7	32.40
	48	43.7	19.07	55.1	23.34	65.5	27.71	65.7	27.91	65.7	27.91	65.7	27.91	65.7	27.91

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM540LTE5

Cooling Capacity (54HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	41.6	7.26	65.1	8.60	82.1	10.04	85.3	10.30	88.3	10.57	94.8	11.20	133.9	15.59
	12	41.6	7.26	65.1	8.62	82.1	10.19	85.3	10.41	88.3	10.77	94.8	11.41	133.9	15.88
	14	41.6	7.28	65.1	8.73	82.1	10.30	85.3	10.57	88.3	10.91	94.8	11.57	133.9	16.07
	16	41.6	7.28	65.1	8.83	82.1	10.41	85.3	10.67	88.3	11.04	94.8	11.68	133.9	16.39
	18	41.6	7.30	65.1	8.93	82.1	10.54	85.3	10.88	88.3	11.17	94.8	11.84	133.9	16.68
	20	41.6	7.32	65.1	9.04	82.1	10.67	85.3	11.04	88.3	11.31	94.8	12.07	133.9	17.04
	21	46.7	8.11	70.7	10.32	88.8	12.66	92.6	13.36	96.6	14.01	103.3	15.05	140.4	19.93
	23	57.0	10.10	81.8	13.52	102.3	17.30	107.5	18.60	113.1	20.20	120.4	21.81	153.3	26.59
	25	67.0	12.78	93.1	17.49	115.6	22.69	122.3	24.91	129.5	27.40	137.0	29.60	165.7	34.86
	27	77.2	16.22	104.2	22.00	128.8	29.07	137.2	32.26	145.4	35.65	153.4	38.82	177.9	45.36
	29	87.5	19.94	115.5	27.22	142.3	36.37	152.0	40.90	160.9	45.20	169.4	49.63	188.8	56.01
	31	97.7	24.16	126.6	33.19	155.5	45.30	166.9	51.28	176.0	56.74	184.9	62.63	196.7	66.06
	33	107.7	29.00	137.7	40.23	169.0	55.45	180.6	62.67	188.3	67.94	188.9	68.07	194.1	69.31
	35	118.0	34.66	149.0	48.08	182.3	67.03	187.3	70.61	187.2	70.60	187.2	70.60	187.2	70.60
	37	118.0	37.17	149.0	51.88	171.0	65.37	171.0	65.37	171.0	65.37	171.0	65.37	171.0	65.37
	39	118.0	39.83	148.6	55.86	151.5	57.76	151.5	57.76	151.5	57.76	151.5	57.76	151.5	57.76
	41	118.0	42.93	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62
	43	113.6	43.71	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11
	46	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43
	48	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31
120	10	38.4	7.26	60.2	8.18	75.9	9.49	78.6	9.72	81.5	9.96	87.5	10.54	123.6	14.33
	12	38.4	7.26	60.2	8.20	75.9	9.59	78.6	9.83	81.5	10.07	87.5	10.65	123.6	14.52
	14	38.4	7.26	60.2	8.31	75.9	9.72	78.6	9.93	81.5	10.19	87.5	10.80	123.6	14.81
	16	38.4	7.26	60.2	8.39	75.9	9.83	78.6	10.07	81.5	10.30	87.5	10.91	123.6	15.10
	18	38.4	7.26	60.2	8.49	75.9	9.93	78.6	10.19	81.5	10.44	87.5	11.04	123.6	15.27
	20	38.4	7.26	60.2	8.60	75.9	10.04	78.6	10.30	81.5	10.65	87.5	11.28	123.6	15.59
	21	43.2	7.89	65.3	9.68	82.1	11.72	85.6	12.29	89.1	12.97	95.6	13.88	129.9	18.16
	23	52.6	9.55	75.6	12.36	94.3	15.80	99.1	16.96	104.2	18.24	111.5	19.79	142.4	24.10
	25	61.9	11.77	85.9	15.91	106.7	20.45	112.9	22.33	119.6	24.55	127.7	26.83	154.4	31.13
	27	71.3	14.78	96.2	19.87	119.0	25.96	126.6	28.65	134.7	31.80	143.7	34.93	166.2	40.08
	29	80.7	18.19	106.6	24.46	131.2	32.23	140.4	36.01	149.9	40.30	158.8	44.23	177.7	50.15
	31	90.2	21.94	116.9	29.72	143.6	39.89	154.1	44.79	165.2	50.71	173.8	55.45	188.6	61.23
	33	99.6	26.21	127.2	35.89	156.0	48.60	167.7	54.96	179.5	62.07	188.1	67.92	192.8	68.97
	35	108.8	31.28	137.5	42.68	168.2	58.32	181.4	66.51	187.3	70.62	187.2	70.60	187.2	70.60
	37	108.8	33.39	137.5	45.92	167.8	63.05	171.0	65.37	171.0	65.37	171.0	65.37	171.0	65.37
	39	108.8	35.85	137.5	49.67	151.5	57.76	151.5	57.76	151.5	57.76	151.5	57.76	151.5	57.76
	41	108.8	38.44	131.9	50.19	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62
	43	108.8	41.41	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11
	46	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43
	48	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31
110	10	35.1	7.26	55.1	7.79	69.6	8.93	72.1	9.15	74.8	9.36	80.2	9.83	113.2	13.19
	12	35.1	7.26	55.1	7.87	69.6	9.04	72.1	9.25	74.8	9.49	80.2	9.96	113.2	13.35
	14	35.1	7.26	55.1	7.89	69.6	9.15	72.1	9.36	74.8	9.59	80.2	10.07	113.2	13.61
	16	35.1	7.26	55.1	7.99	69.6	9.25	72.1	9.46	74.8	9.72	80.2	10.19	113.2	13.77
	18	35.1	7.26	55.1	8.08	69.6	9.36	72.1	9.57	74.8	9.83	80.2	10.30	113.2	14.04
	20	35.1	7.26	55.1	8.18	69.6	9.46	72.1	9.72	74.8	9.93	80.2	10.54	113.2	14.23
	21	39.4	7.75	59.9	9.05	75.3	10.85	78.3	11.38	81.8	11.90	87.5	12.76	119.1	16.42
	23	48.1	9.06	69.4	11.29	86.4	14.26	91.0	15.28	95.6	16.49	102.3	17.75	130.7	21.51
	25	56.7	10.91	78.8	14.28	97.8	18.34	103.4	19.95	109.6	21.79	117.1	23.72	142.0	27.64
	27	65.3	13.41	88.3	17.92	109.1	23.07	116.1	25.37	123.6	28.00	131.8	30.68	153.6	35.10
	29	74.0	16.57	97.7	21.96	120.4	28.55	128.6	31.64	137.4	35.19	146.6	38.85	165.2	44.29
	31	82.6	19.89	107.2	26.53	131.7	34.99	141.2	38.97	151.5	43.81	161.4	48.64	176.3	54.04
	33	91.2	23.69	116.6	31.88	142.9	42.51	153.9	47.60	165.5	53.79	176.1	59.96	186.6	64.89
	35	99.9	28.08	126.1	37.96	154.2	50.81	166.3	57.22	179.3	65.20	187.4	70.63	187.2	70.60
	37	99.9	30.00	126.1	40.66	154.2	54.87	166.3	62.07	170.7	65.16	171.0	65.37	171.0	65.37
	39	99.9	32.05	126.1	43.71	150.0	56.74	151.5	57.76	151.5	57.76	151.5	57.76	151.5	57.76
	41	99.9	34.43	126.1	47.04	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62
	43	99.9	36.95	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11
	46	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43
	48	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31

7. Capacity Tables

Cooling Capacity (54HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	32.1	7.26	50.0	7.40	63.2	8.39	65.6	8.60	68.0	8.81	72.9	9.25	102.9	12.07
	12	32.1	7.26	50.0	7.50	63.2	8.49	65.6	8.70	68.0	8.91	72.9	9.28	102.9	12.23
	14	32.1	7.26	50.0	7.50	63.2	8.60	65.6	8.81	68.0	8.93	72.9	9.38	102.9	12.36
	16	32.1	7.26	50.0	7.58	63.2	8.70	65.6	8.83	68.0	9.04	72.9	9.49	102.9	12.63
	18	32.1	7.26	50.0	7.68	63.2	8.73	65.6	8.93	68.0	9.15	72.9	9.59	102.9	12.79
	20	32.1	7.26	50.0	7.71	63.2	8.83	65.6	9.04	68.0	9.28	72.9	9.72	102.9	13.02
	21	35.9	7.61	54.3	8.41	68.3	9.94	71.3	10.37	74.3	10.88	79.6	11.55	108.3	14.85
	23	43.7	8.63	62.9	10.26	78.6	12.79	82.6	13.76	86.9	14.77	92.9	15.90	118.8	19.14
	25	51.6	10.10	71.6	12.77	88.8	16.41	94.2	17.81	99.6	19.29	106.4	20.91	129.3	24.20
	27	59.4	12.13	80.2	16.04	99.1	20.50	105.6	22.35	112.3	24.53	119.9	26.79	139.6	30.23
	29	67.2	14.89	88.8	19.50	109.4	25.12	116.9	27.65	125.0	30.66	133.3	33.52	150.1	37.76
	31	75.1	18.01	97.5	23.44	119.6	30.49	128.3	33.89	137.7	37.62	146.6	41.57	160.7	46.34
	33	82.9	21.18	106.1	28.12	129.9	36.97	139.8	41.04	150.4	46.12	160.1	51.02	171.2	55.70
	35	90.7	25.06	114.7	33.31	140.2	43.99	151.2	49.10	163.1	55.53	173.6	61.51	181.7	66.80
	37	90.7	26.82	114.7	35.74	140.2	47.30	151.2	53.05	163.1	60.02	169.2	63.99	171.0	65.37
	39	90.7	28.72	114.7	38.28	140.2	51.07	149.2	56.21	151.5	57.76	151.5	57.76	151.5	57.76
	41	90.7	30.64	114.7	41.27	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62	132.5	50.62
	43	90.7	32.96	112.7	43.18	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11
	46	87.7	35.02	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43
	48	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31
90	10	28.9	7.26	45.1	7.32	57.0	7.89	58.9	8.08	61.0	8.28	65.6	8.60	92.6	11.04
	12	28.9	7.26	45.1	7.32	57.0	7.99	58.9	8.18	61.0	8.31	65.6	8.70	92.6	11.17
	14	28.9	7.26	45.1	7.34	57.0	8.08	58.9	8.20	61.0	8.39	65.6	8.81	92.6	11.31
	16	28.9	7.26	45.1	7.34	57.0	8.10	58.9	8.31	61.0	8.49	65.6	8.83	92.6	11.44
	18	28.9	7.26	45.1	7.36	57.0	8.20	58.9	8.39	61.0	8.60	65.6	8.93	92.6	11.68
	20	28.9	7.26	45.1	7.38	57.0	8.31	58.9	8.49	61.0	8.70	65.6	9.04	92.6	11.81
	21	32.4	7.50	48.9	7.92	61.6	9.17	64.0	9.55	66.9	9.98	71.6	10.50	97.4	13.25
	23	39.4	8.24	56.7	9.32	70.7	11.39	74.5	12.18	78.3	13.07	83.7	14.12	106.9	16.87
	25	46.4	9.36	64.5	11.29	79.9	14.43	84.8	15.67	89.6	16.98	95.8	18.37	116.3	21.13
	27	53.5	10.97	72.1	14.03	89.3	18.05	95.0	19.63	101.0	21.41	107.8	23.26	125.8	26.13
	29	60.5	13.21	79.9	17.29	98.5	22.02	105.3	24.10	112.6	26.54	119.9	28.88	135.2	31.98
	31	67.5	16.19	87.7	20.72	107.7	26.56	115.6	29.28	123.9	32.43	132.0	35.36	144.7	39.22
	33	74.5	18.97	95.3	24.66	116.9	31.93	125.8	35.34	135.3	39.23	144.2	43.11	154.1	46.90
	35	81.8	22.18	103.1	29.16	126.1	37.96	136.1	42.07	146.6	47.02	156.1	51.84	163.6	55.65
	37	81.8	23.81	103.1	31.19	126.1	40.66	136.1	45.27	146.6	50.74	156.1	55.98	163.6	60.39
	39	81.8	25.50	103.1	33.46	126.1	43.74	136.1	48.70	146.6	54.61	150.5	57.03	151.5	57.76
	41	81.8	27.13	103.1	35.92	126.1	47.07	131.5	49.94	132.5	50.62	132.5	50.62	132.5	50.62
	43	81.8	29.21	103.1	38.47	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11
	46	81.8	32.36	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43
	48	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31
80	10	25.6	7.26	40.0	7.26	50.5	7.40	52.4	7.58	54.3	7.71	58.3	8.02	82.4	10.04
	12	25.6	7.26	40.0	7.26	50.5	7.50	52.4	7.60	54.3	7.79	58.3	8.08	82.4	10.19
	14	25.6	7.26	40.0	7.26	50.5	7.58	52.4	7.71	54.3	7.87	58.3	8.18	82.4	10.30
	16	25.6	7.26	40.0	7.26	50.5	7.60	52.4	7.77	54.3	7.89	58.3	8.28	82.4	10.41
	18	25.6	7.26	40.0	7.26	50.5	7.71	52.4	7.87	54.3	7.99	58.3	8.31	82.4	10.57
	20	25.6	7.26	40.0	7.28	50.5	7.77	52.4	7.89	54.3	8.08	58.3	8.39	82.4	10.67
	21	28.7	7.39	43.5	7.66	54.8	8.44	57.0	8.70	59.4	9.05	63.7	9.52	86.6	11.78
	23	35.1	7.88	50.5	8.69	62.9	10.14	66.1	10.81	69.6	11.50	74.5	12.35	95.0	14.65
	25	41.3	8.66	57.3	10.21	71.0	12.55	75.3	13.58	79.7	14.79	85.1	16.00	103.4	18.28
	27	47.5	9.92	64.2	12.29	79.4	15.69	84.5	17.03	89.9	18.54	95.9	20.00	111.8	22.35
	29	53.8	11.73	71.0	15.09	87.5	19.08	93.7	20.78	99.9	22.75	106.6	24.68	120.2	27.10
	31	60.0	14.17	78.0	18.19	95.8	22.88	102.6	25.18	110.2	27.66	117.4	29.96	128.5	32.93
	33	66.4	16.74	84.8	21.44	104.0	27.40	111.8	30.11	120.2	33.20	128.0	36.33	136.9	39.30
	35	72.6	19.61	91.8	25.30	112.1	32.42	121.0	35.84	130.4	39.77	138.8	43.36	145.3	46.36
	37	72.6	20.92	91.8	27.08	112.1	34.82	121.0	38.41	130.4	42.58	138.8	46.58	145.3	50.05
	39	72.6	22.34	91.8	28.98	112.1	37.31	121.0	41.16	130.4	45.83	138.8	50.16	145.3	53.87
	41	72.6	23.97	91.8	31.16	112.1	39.98	121.0	44.33	130.0	49.04	132.2	50.37	132.5	50.62
	43	72.6	25.67	91.8	33.27	112.1	42.87	114.4	44.11	114.4	44.11	114.4	44.11	114.4	44.11
	46	72.6	28.40	88.0	35.16	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43
	48	71.0	29.91	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31

7. Capacity Tables

Cooling Capacity (54HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	22.4	7.26	35.1	7.26	44.3	7.30	45.9	7.32	47.5	7.36	51.0	7.50	72.1	9.15
	12	22.4	7.26	35.1	7.26	44.3	7.30	45.9	7.34	47.5	7.36	51.0	7.52	72.1	9.25
	14	22.4	7.26	35.1	7.26	44.3	7.32	45.9	7.36	47.5	7.38	51.0	7.58	72.1	9.36
	16	22.4	7.26	35.1	7.26	44.3	7.34	45.9	7.36	47.5	7.40	51.0	7.68	72.1	9.46
	18	22.4	7.26	35.1	7.26	44.3	7.34	45.9	7.38	47.5	7.50	51.0	7.71	72.1	9.57
	20	22.4	7.26	35.1	7.26	44.3	7.36	45.9	7.40	47.5	7.50	51.0	7.79	72.1	9.72
	21	25.1	7.31	38.1	7.48	47.8	7.82	49.9	7.99	52.1	8.21	55.6	8.62	75.8	10.51
	23	30.5	7.55	44.0	8.16	55.1	9.08	57.8	9.48	60.8	10.10	65.1	10.75	83.1	12.59
	25	36.2	8.08	50.2	9.25	62.1	10.86	65.9	11.66	69.7	12.52	74.5	13.53	90.4	15.48
	27	41.6	8.95	56.2	10.82	69.4	13.25	74.0	14.47	78.6	15.83	83.9	17.06	97.8	19.01
	29	47.0	10.32	62.1	13.02	76.7	16.38	81.8	17.84	87.5	19.38	93.2	20.88	105.1	22.80
	31	52.6	12.23	68.3	15.88	83.7	19.64	89.9	21.31	96.4	23.32	102.6	25.21	112.6	27.24
	33	58.0	14.80	74.2	18.61	91.0	23.34	97.8	25.35	105.3	27.88	112.1	30.32	119.9	32.65
	35	63.5	17.06	80.2	21.70	98.2	27.53	105.8	30.18	114.2	33.21	121.5	35.92	127.2	38.27
	37	63.5	18.24	80.2	23.30	98.2	29.45	105.8	32.24	114.2	35.48	121.5	38.69	127.2	41.18
	39	63.5	19.52	80.2	24.98	98.2	31.48	105.8	34.64	114.2	37.99	121.5	41.45	127.2	44.14
	41	63.5	20.83	80.2	26.63	98.2	33.78	105.8	37.10	114.2	40.96	121.5	44.64	127.2	47.50
	43	63.5	22.40	80.2	28.63	98.2	36.26	105.8	39.78	112.6	43.10	114.4	44.11	114.4	44.11
	46	63.5	24.86	80.2	31.73	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43	88.5	35.43
	48	63.5	26.62	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31
60	10	19.2	7.26	30.0	7.26	38.0	7.26	39.4	7.26	40.8	7.26	43.7	7.28	61.8	8.31
	12	19.2	7.26	30.0	7.26	38.0	7.26	39.4	7.26	40.8	7.26	43.7	7.30	61.8	8.39
	14	19.2	7.26	30.0	7.26	38.0	7.26	39.4	7.26	40.8	7.26	43.7	7.32	61.8	8.47
	16	19.2	7.26	30.0	7.26	38.0	7.26	39.4	7.26	40.8	7.26	43.7	7.32	61.8	8.49
	18	19.2	7.26	30.0	7.26	38.0	7.26	39.4	7.26	40.8	7.28	43.7	7.34	61.8	8.60
	20	19.2	7.26	30.0	7.26	38.0	7.26	39.4	7.26	40.8	7.30	43.7	7.36	61.8	8.70
	21	21.6	7.23	32.7	7.36	41.0	7.53	42.7	7.61	44.6	7.76	47.8	7.92	64.8	9.24
	23	26.2	7.28	37.8	7.74	47.2	8.35	49.7	8.64	52.1	8.99	55.9	9.36	71.3	10.77
	25	31.0	7.54	42.9	8.41	53.4	9.54	56.4	10.11	59.7	10.75	63.8	11.40	77.5	12.89
	27	35.6	8.09	48.1	9.49	59.4	11.27	63.2	12.15	67.5	13.13	71.8	14.11	83.7	15.71
	29	40.3	9.05	53.2	11.10	65.6	13.66	70.2	14.92	75.0	16.29	79.9	17.49	90.2	18.98
	31	45.1	10.56	58.4	13.39	71.8	16.70	77.0	18.03	82.6	19.43	88.0	20.85	96.4	22.45
	33	49.7	12.68	63.7	16.00	78.0	19.59	83.9	21.20	90.2	23.10	96.1	24.90	102.6	26.74
	35	54.5	14.85	68.8	18.53	84.2	22.88	90.7	25.06	97.8	27.34	104.2	29.45	109.1	31.30
	37	54.5	15.78	68.8	19.81	84.2	24.54	90.7	26.82	97.8	29.22	104.2	31.64	109.1	33.41
	39	54.5	16.89	68.8	21.14	84.2	26.32	90.7	28.72	97.8	31.40	104.2	33.81	109.1	35.87
	41	54.5	18.07	68.8	22.72	84.2	28.14	90.7	30.64	97.8	33.54	104.2	36.24	109.1	38.47
	43	54.5	19.32	68.8	24.21	84.2	30.09	90.7	32.96	97.8	36.00	104.2	39.06	109.1	41.41
	46	54.5	21.50	68.8	26.94	84.2	33.49	87.7	35.02	88.5	35.43	88.5	35.43	88.5	35.43
	48	54.5	22.98	68.8	28.86	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31	72.0	30.31
50	10	16.0	7.26	25.1	7.26	31.6	7.26	32.7	7.26	34.0	7.26	36.4	7.26	51.5	7.50
	12	16.0	7.26	25.1	7.26	31.6	7.26	32.7	7.26	34.0	7.26	36.4	7.26	51.5	7.58
	14	16.0	7.26	25.1	7.26	31.6	7.26	32.7	7.26	34.0	7.26	36.4	7.26	51.5	7.60
	16	16.0	7.26	25.1	7.26	31.6	7.26	32.7	7.26	34.0	7.26	36.4	7.26	51.5	7.71
	18	16.0	7.26	25.1	7.26	31.6	7.26	32.7	7.26	34.0	7.26	36.4	7.26	51.5	7.77
	20	16.0	7.26	25.1	7.26	31.6	7.26	32.7	7.26	34.0	7.26	36.4	7.26	51.5	7.87
	21	18.1	7.17	27.3	7.25	34.3	7.37	35.6	7.42	37.2	7.50	39.7	7.56	54.0	8.19
	23	21.9	7.04	31.6	7.36	39.4	7.78	41.3	7.99	43.5	8.24	46.5	8.46	59.4	9.13
	25	25.9	7.09	35.9	7.70	44.5	8.52	47.0	8.90	49.7	9.32	53.2	9.75	64.5	10.58
	27	29.7	7.35	40.2	8.34	49.7	9.65	52.7	10.23	56.2	10.93	59.9	11.60	69.9	12.58
	29	33.7	7.94	44.3	9.47	54.8	11.32	58.6	12.18	62.4	13.20	66.7	14.21	75.1	15.23
	31	37.5	8.95	48.6	11.06	59.9	13.63	64.2	14.88	68.8	16.08	73.4	17.20	80.4	18.27
	33	41.5	10.55	52.9	13.45	65.0	16.22	69.9	17.48	75.1	18.97	80.0	20.18	85.6	21.37
	35	45.4	12.62	57.3	15.46	70.2	18.80	75.6	20.33	81.5	22.14	86.7	23.77	90.8	25.06
	37	45.4	13.54	57.3	16.56	70.2	20.25	75.6	21.85	81.5	23.75	86.7	25.37	90.8	26.82
	39	45.4	14.38	57.3	17.72	70.2	21.59	75.6	23.32	81.5	25.34	86.7	27.15	90.8	28.72
	41	45.4	15.43	57.3	18.93	70.2	23.03	75.6	25.00	81.5	27.13	86.7	29.23	90.8	30.72
	43	45.4	16.55	57.3	20.28	70.2	24.71	75.6	26.81	81.5	29.04	86.7	31.24	90.8	32.96
	46	45.4	18.26	57.3	22.53	70.2	27.46	75.6	29.73	81.5	32.34	86.7	34.54	87.8	35.08
	48	45.4	19.70	57.3	24.02	70.2	29.40	71.8	30.24	72.0	30.31	72.0	30.31	72.0	30.31

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM560LTE5

Cooling Capacity (56HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	43.1	7.34	67.5	8.80	85.2	10.34	88.4	10.64	91.6	10.91	98.3	11.59	138.9	16.32
	12	43.1	7.36	67.5	8.82	85.2	10.50	88.4	10.75	91.6	11.15	98.3	11.83	138.9	16.62
	14	43.1	7.36	67.5	8.93	85.2	10.61	88.4	10.91	91.6	11.26	98.3	11.96	138.9	16.86
	16	43.1	7.39	67.5	9.06	85.2	10.75	88.4	11.02	91.6	11.42	98.3	12.11	138.9	17.18
	18	43.1	7.41	67.5	9.17	85.2	10.91	88.4	11.26	91.6	11.59	98.3	12.27	138.9	17.53
	20	43.1	7.43	67.5	9.27	85.2	11.02	88.4	11.42	91.6	11.70	98.3	12.54	138.9	17.89
	21	48.4	8.32	73.3	10.71	92.1	13.21	95.8	13.88	99.7	14.42	106.5	15.49	144.9	20.72
	23	59.1	10.53	84.9	14.25	106.1	18.30	110.6	19.34	115.5	20.57	122.8	22.18	156.9	27.26
	25	69.5	13.50	96.6	18.48	119.5	24.02	125.0	25.74	131.0	27.66	138.6	29.89	168.3	35.85
	27	80.1	17.15	108.1	23.39	132.5	30.63	139.1	33.05	146.1	35.83	154.2	39.02	179.5	46.13
	29	90.7	21.11	119.8	29.10	145.4	38.11	152.8	41.52	160.8	45.43	169.4	49.96	189.4	56.49
	31	101.3	25.66	131.3	35.68	157.7	47.05	166.1	51.44	175.2	56.90	184.3	62.81	196.6	66.41
	33	111.7	30.93	142.8	43.39	169.7	56.80	179.1	62.66	187.1	67.97	187.9	68.14	193.3	69.49
	35	122.4	37.05	154.6	52.12	181.4	67.72	185.4	70.54	185.4	70.54	185.4	70.54	185.4	70.54
	37	122.4	39.83	154.6	56.55	169.2	65.30	169.2	65.30	169.2	65.30	169.2	65.30	169.2	65.30
	39	122.4	42.73	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62
	41	122.2	46.09	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49
	43	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00
	46	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28
120	10	39.8	7.26	62.4	8.37	78.7	9.75	81.5	10.02	84.5	10.26	90.7	10.88	128.2	14.96
	12	39.8	7.28	62.4	8.40	78.7	9.86	81.5	10.13	84.5	10.37	90.7	11.02	128.2	15.19
	14	39.8	7.30	62.4	8.50	78.7	9.99	81.5	10.24	84.5	10.53	90.7	11.15	128.2	15.49
	16	39.8	7.32	62.4	8.59	78.7	10.13	81.5	10.37	84.5	10.64	90.7	11.29	128.2	15.78
	18	39.8	7.32	62.4	8.69	78.7	10.24	81.5	10.50	84.5	10.78	90.7	11.46	128.2	16.00
	20	39.8	7.34	62.4	8.80	78.7	10.37	81.5	10.64	84.5	10.99	90.7	11.67	128.2	16.32
	21	44.8	8.06	67.7	10.01	85.1	12.24	88.7	12.83	92.2	13.45	98.6	14.31	134.0	18.84
	23	54.6	9.93	78.4	13.02	97.8	16.66	102.8	17.92	107.3	18.93	114.1	20.24	145.7	24.71
	25	64.1	12.40	89.1	16.82	110.6	21.73	116.8	23.68	122.3	25.38	129.4	27.20	156.7	31.81
	27	73.9	15.67	99.7	21.06	123.5	27.77	130.4	30.27	136.7	32.61	144.4	35.12	167.6	40.84
	29	83.7	19.21	110.6	26.03	136.1	34.73	143.6	37.75	150.8	40.95	158.8	44.45	178.1	50.55
	31	93.5	23.23	121.2	31.78	148.6	43.00	156.4	46.64	164.6	50.99	172.9	55.60	188.2	61.50
	33	103.3	27.84	131.9	38.56	160.1	51.80	168.6	56.45	178.0	62.05	186.8	67.94	191.8	69.10
	35	112.9	33.34	142.6	46.01	171.1	61.43	180.8	67.38	185.4	70.54	185.4	70.54	185.4	70.54
	37	112.9	35.63	142.6	49.71	169.2	65.30	169.2	65.30	169.2	65.30	169.2	65.30	169.2	65.30
	39	112.9	38.28	141.6	53.18	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62
	41	112.9	41.17	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49
	43	110.6	42.98	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00
	46	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28
110	10	36.4	7.22	57.1	7.93	72.2	9.17	74.8	9.38	77.5	9.62	83.1	10.13	117.4	13.71
	12	36.4	7.22	57.1	8.03	72.2	9.27	74.8	9.51	77.5	9.75	83.1	10.26	117.4	13.89
	14	36.4	7.22	57.1	8.06	72.2	9.38	74.8	9.62	77.5	9.86	83.1	10.37	117.4	14.18
	16	36.4	7.24	57.1	8.16	72.2	9.51	74.8	9.73	77.5	9.99	83.1	10.53	117.4	14.35
	18	36.4	7.26	57.1	8.24	72.2	9.62	74.8	9.86	77.5	10.13	83.1	10.64	117.4	14.66
	20	36.4	7.26	57.1	8.35	72.2	9.73	74.8	9.99	77.5	10.24	83.1	10.88	117.4	14.86
	21	40.9	7.83	62.1	9.33	78.1	11.28	81.2	11.83	84.8	12.40	90.6	13.27	123.2	17.13
	23	49.9	9.34	71.9	11.85	89.6	15.02	94.3	16.09	99.1	17.41	105.6	18.57	134.4	22.35
	25	58.8	11.43	81.7	15.13	101.4	19.43	107.3	21.18	113.6	23.18	120.3	24.72	145.2	28.51
	27	67.8	14.18	91.5	18.96	113.1	24.55	120.4	27.11	127.6	29.71	134.4	31.78	155.7	36.12
	29	76.7	17.47	101.3	23.28	124.9	30.58	133.3	34.05	140.9	37.10	148.3	39.88	165.9	44.89
	31	85.7	20.99	111.2	28.25	136.6	37.68	146.4	42.23	154.1	45.83	161.8	49.43	175.7	54.25
	33	94.6	25.12	121.0	34.08	148.2	46.00	158.4	51.02	166.9	55.58	174.7	60.10	185.2	64.95
	35	103.6	29.79	130.8	40.70	159.9	55.26	169.7	60.60	179.2	66.44	185.4	70.54	185.4	70.54
	37	103.6	31.91	130.8	43.71	159.2	59.42	168.2	64.68	169.2	65.30	169.2	65.30	169.2	65.30
	39	103.6	34.13	130.8	47.12	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62
	41	103.6	36.70	128.2	49.13	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49
	43	103.6	39.49	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00
	46	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28

7. Capacity Tables

Cooling Capacity (56HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	33.3	7.22	51.8	7.54	65.5	8.59	68.0	8.80	70.5	9.03	75.6	9.49	106.7	12.54
	12	33.3	7.22	51.8	7.64	65.5	8.69	68.0	8.93	70.5	9.14	75.6	9.54	106.7	12.70
	14	33.3	7.22	51.8	7.66	65.5	8.80	68.0	9.03	70.5	9.17	75.6	9.65	106.7	12.87
	16	33.3	7.22	51.8	7.74	65.5	8.90	68.0	9.06	70.5	9.30	75.6	9.75	106.7	13.14
	18	33.3	7.22	51.8	7.85	65.5	8.95	68.0	9.17	70.5	9.41	75.6	9.89	106.7	13.31
	20	33.3	7.22	51.8	7.87	65.5	9.06	68.0	9.30	70.5	9.51	75.6	10.02	106.7	13.58
	21	37.2	7.65	56.3	8.66	70.9	10.31	73.9	10.79	77.0	11.30	82.6	12.04	112.3	15.59
	23	45.4	8.82	65.3	10.72	81.5	13.49	85.7	14.48	90.2	15.55	96.4	16.76	123.2	20.28
	25	53.5	10.47	74.2	13.51	92.1	17.33	97.7	18.83	103.3	20.48	110.3	22.26	133.8	25.68
	27	61.6	12.75	83.2	16.96	102.8	21.75	109.5	23.79	116.5	26.19	124.3	28.70	143.8	32.04
	29	69.7	15.73	92.1	20.63	113.4	26.76	121.3	29.57	129.6	32.93	137.8	35.83	153.7	39.81
	31	77.8	18.91	101.1	24.88	124.1	32.69	133.0	36.43	142.8	40.66	150.5	44.16	163.1	48.16
	33	86.0	22.39	110.0	29.94	134.7	39.76	145.0	44.38	155.7	49.95	162.9	53.56	172.2	57.16
	35	94.1	26.51	119.0	35.58	145.3	47.47	156.8	53.35	167.4	59.43	175.0	63.74	181.0	67.66
	37	94.1	28.40	119.0	38.21	145.3	51.25	156.8	57.89	165.8	63.18	169.2	65.30	169.2	65.30
	39	94.1	30.43	119.0	41.03	143.6	54.24	149.8	57.62	149.8	57.62	149.8	57.62	149.8	57.62
	41	94.1	32.56	119.0	44.36	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49
	43	94.1	35.06	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00
	46	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28
90	10	29.9	7.22	46.8	7.43	59.1	8.06	61.1	8.24	63.3	8.48	68.0	8.80	96.1	11.42
	12	29.9	7.22	46.8	7.43	59.1	8.16	61.1	8.35	63.3	8.50	68.0	8.93	96.1	11.56
	14	29.9	7.22	46.8	7.45	59.1	8.24	61.1	8.40	63.3	8.59	68.0	9.03	96.1	11.70
	16	29.9	7.22	46.8	7.47	59.1	8.27	61.1	8.50	63.3	8.69	68.0	9.06	96.1	11.86
	18	29.9	7.22	46.8	7.49	59.1	8.37	61.1	8.59	63.3	8.80	68.0	9.17	96.1	12.11
	20	29.9	7.22	46.8	7.51	59.1	8.50	61.1	8.69	63.3	8.93	68.0	9.30	96.1	12.27
	21	33.6	7.52	50.7	8.13	63.8	9.48	66.4	9.88	69.4	10.35	74.2	10.93	101.1	13.88
	23	40.9	8.39	58.8	9.71	73.4	11.95	77.2	12.83	81.2	13.77	86.8	14.86	110.9	17.81
	25	48.2	9.67	66.9	11.89	82.9	15.26	87.9	16.56	93.0	17.96	99.4	19.45	120.7	22.43
	27	55.4	11.45	74.8	14.90	92.6	19.09	98.5	20.78	104.7	22.77	111.8	24.77	130.5	27.92
	29	62.7	13.93	82.9	18.21	102.2	23.38	109.2	25.65	116.7	28.34	124.3	30.97	140.3	34.51
	31	70.0	16.96	91.0	21.91	111.7	28.30	119.8	31.31	128.5	34.76	136.9	38.09	150.1	42.40
	33	77.3	19.97	98.9	26.17	121.3	34.18	130.5	37.93	140.3	42.33	149.5	46.71	159.5	50.68
	35	84.8	23.40	107.0	30.98	130.8	40.70	141.1	45.30	152.1	50.91	161.9	56.43	167.8	59.47
	37	84.8	25.13	107.0	33.22	130.8	43.71	141.1	48.88	152.1	55.24	160.6	60.26	166.2	63.46
	39	84.8	26.94	107.0	35.66	130.8	47.21	140.6	52.44	148.4	56.78	149.8	57.62	149.8	57.62
	41	84.8	28.69	107.0	38.32	128.2	49.15	131.0	50.49	131.0	50.49	131.0	50.49	131.0	50.49
	43	84.8	30.91	106.4	40.82	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00
	46	83.7	33.76	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28
80	10	26.6	7.22	41.5	7.30	52.4	7.54	54.3	7.72	56.3	7.85	60.5	8.18	85.4	10.37
	12	26.6	7.22	41.5	7.32	52.4	7.64	54.3	7.74	56.3	7.93	60.5	8.27	85.4	10.50
	14	26.6	7.22	41.5	7.34	52.4	7.72	54.3	7.85	56.3	8.03	60.5	8.37	85.4	10.64
	16	26.6	7.22	41.5	7.34	52.4	7.74	54.3	7.93	56.3	8.06	60.5	8.48	85.4	10.75
	18	26.6	7.22	41.5	7.36	52.4	7.85	54.3	8.03	56.3	8.16	60.5	8.50	85.4	10.91
	20	26.6	7.22	41.5	7.39	52.4	7.93	54.3	8.06	56.3	8.27	60.5	8.59	85.4	11.02
	21	29.7	7.41	45.1	7.82	56.8	8.69	59.1	8.97	61.6	9.36	66.1	9.85	89.8	12.27
	23	36.4	8.00	52.3	9.00	65.2	10.59	68.6	11.31	72.2	12.07	77.2	13.00	98.5	15.45
	25	42.8	8.90	59.4	10.68	73.7	13.24	78.1	14.37	82.6	15.63	88.2	16.89	107.2	19.33
	27	49.3	10.31	66.6	12.97	82.3	16.61	87.6	18.01	93.2	19.61	99.4	21.18	115.9	23.76
	29	55.7	12.33	73.7	15.96	90.7	20.15	97.1	22.03	103.6	24.17	110.6	26.29	124.6	28.97
	31	62.2	14.93	80.9	19.17	99.4	24.30	106.4	26.77	114.2	29.51	121.8	32.07	133.3	35.40
	33	68.9	17.56	87.9	22.67	107.8	29.19	115.9	32.12	124.6	35.57	132.8	39.08	142.0	42.32
	35	75.3	20.60	95.2	26.81	116.2	34.59	125.4	38.35	135.2	42.67	143.9	46.74	150.7	50.14
	37	75.3	22.05	95.2	28.72	116.2	37.18	125.4	41.20	135.2	45.88	143.9	50.41	150.7	54.35
	39	75.3	23.52	95.2	30.76	116.2	39.94	125.4	44.28	135.2	49.52	142.6	53.50	147.4	56.22
	41	75.3	25.25	95.2	33.10	116.2	42.93	124.4	47.11	131.0	50.49	131.0	50.49	131.0	50.49
	43	75.3	27.08	95.2	35.44	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00	113.0	44.00
	46	75.3	29.97	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28

7. Capacity Tables

Cooling Capacity (56HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	23.2	7.22	36.4	7.22	45.9	7.41	47.6	7.43	49.3	7.47	52.9	7.64	74.8	9.38
	12	23.2	7.22	36.4	7.22	45.9	7.41	47.6	7.45	49.3	7.49	52.9	7.66	74.8	9.51
	14	23.2	7.22	36.4	7.22	45.9	7.43	47.6	7.47	49.3	7.51	52.9	7.74	74.8	9.62
	16	23.2	7.22	36.4	7.24	45.9	7.45	47.6	7.49	49.3	7.54	52.9	7.85	74.8	9.73
	18	23.2	7.22	36.4	7.24	45.9	7.47	47.6	7.51	49.3	7.64	52.9	7.87	74.8	9.86
	20	23.2	7.22	36.4	7.26	45.9	7.49	47.6	7.54	49.3	7.66	52.9	7.95	74.8	9.99
	21	26.1	7.31	39.5	7.53	49.6	8.02	51.8	8.20	54.0	8.46	57.7	8.89	78.6	10.88
	23	31.7	7.64	45.7	8.35	57.1	9.42	59.9	9.87	63.0	10.54	67.5	11.25	86.2	13.24
	25	37.5	8.26	52.1	9.58	64.4	11.41	68.3	12.28	72.3	13.24	77.3	14.32	93.8	16.40
	27	43.1	9.25	58.2	11.34	72.0	14.03	76.7	15.35	81.5	16.74	87.1	18.02	101.4	20.08
	29	48.8	10.77	64.4	13.77	79.5	17.29	84.9	18.81	90.7	20.50	96.6	22.12	109.0	24.21
	31	54.6	12.89	70.8	16.70	86.8	20.72	93.2	22.55	100.0	24.76	106.4	26.80	116.7	29.13
	33	60.2	15.45	77.0	19.58	94.4	24.71	101.4	26.95	109.2	29.68	116.2	32.33	124.3	34.90
	35	65.8	17.89	83.2	22.89	101.9	29.22	109.8	32.14	118.4	35.47	126.0	38.44	131.9	41.09
	37	65.8	19.16	83.2	24.60	101.9	31.29	109.8	34.36	118.4	37.94	126.0	41.50	131.9	44.32
	39	65.8	20.48	83.2	26.40	101.9	33.48	109.8	36.95	118.4	40.73	126.0	44.58	131.9	47.65
	41	65.8	21.88	83.2	28.12	101.9	36.01	109.8	39.68	118.4	43.96	124.8	47.35	129.0	49.43
	43	65.8	23.55	83.2	30.31	101.9	38.70	108.4	41.78	113.0	44.00	113.0	44.00	113.0	44.00
	46	65.8	26.14	82.5	33.32	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	65.8	28.02	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28
60	10	19.9	7.22	31.1	7.22	39.4	7.26	40.9	7.28	42.3	7.32	45.4	7.39	64.1	8.48
	12	19.9	7.22	31.1	7.22	39.4	7.28	40.9	7.30	42.3	7.34	45.4	7.41	64.1	8.56
	14	19.9	7.22	31.1	7.22	39.4	7.28	40.9	7.32	42.3	7.34	45.4	7.43	64.1	8.69
	16	19.9	7.22	31.1	7.22	39.4	7.30	40.9	7.34	42.3	7.36	45.4	7.43	64.1	8.72
	18	19.9	7.22	31.1	7.22	39.4	7.32	40.9	7.34	42.3	7.39	45.4	7.45	64.1	8.82
	20	19.9	7.22	31.1	7.22	39.4	7.34	40.9	7.36	42.3	7.41	45.4	7.47	64.1	8.93
	21	22.4	7.22	33.9	7.37	42.6	7.67	44.3	7.78	46.2	7.93	49.5	8.11	67.2	9.54
	23	27.2	7.33	39.2	7.85	49.0	8.60	51.5	8.94	54.1	9.32	57.9	9.74	73.9	11.27
	25	32.2	7.67	44.5	8.63	55.4	9.95	58.5	10.58	61.9	11.27	66.1	12.01	80.4	13.60
	27	37.0	8.33	49.9	9.85	61.6	11.87	65.6	12.84	70.0	13.92	74.5	14.98	86.8	16.68
	29	41.8	9.39	55.2	11.62	68.1	14.49	72.8	15.80	77.8	17.20	82.9	18.45	93.5	20.07
	31	46.7	11.06	60.5	14.14	74.5	17.56	79.8	18.96	85.7	20.52	91.3	22.08	100.0	23.79
	33	51.5	13.32	66.0	16.75	80.9	20.63	87.1	22.41	93.5	24.47	99.7	26.43	106.4	28.47
	35	56.5	15.49	71.4	19.44	87.3	24.21	94.1	26.51	101.4	28.99	108.0	31.33	113.1	33.36
	37	56.5	16.46	71.4	20.81	87.3	25.98	94.1	28.40	101.4	31.05	108.0	33.68	113.1	35.65
	39	56.5	17.64	71.4	22.24	87.3	27.84	94.1	30.43	101.4	33.39	108.0	36.03	113.1	38.31
	41	56.5	18.90	71.4	23.92	87.3	29.79	94.1	32.56	101.4	35.76	108.0	38.72	113.1	41.20
	43	56.5	20.24	71.4	25.47	87.3	31.89	94.1	35.06	101.4	38.43	107.2	41.28	110.8	42.98
	46	56.5	22.53	71.4	28.40	85.5	34.62	87.3	35.34	87.3	35.34	87.3	35.34	87.3	35.34
	48	56.5	24.05	69.8	29.66	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28
50	10	16.5	7.22	26.0	7.22	32.8	7.22	33.9	7.22	35.3	7.22	37.8	7.22	53.5	7.64
	12	16.5	7.22	26.0	7.22	32.8	7.22	33.9	7.22	35.3	7.22	37.8	7.24	53.5	7.72
	14	16.5	7.22	26.0	7.22	32.8	7.22	33.9	7.22	35.3	7.22	37.8	7.26	53.5	7.74
	16	16.5	7.22	26.0	7.22	32.8	7.22	33.9	7.22	35.3	7.22	37.8	7.26	53.5	7.85
	18	16.5	7.22	26.0	7.22	32.8	7.22	33.9	7.22	35.3	7.22	37.8	7.28	53.5	7.93
	20	16.5	7.22	26.0	7.22	32.8	7.22	33.9	7.22	35.3	7.24	37.8	7.30	53.5	8.03
	21	18.7	7.15	28.3	7.25	35.5	7.38	37.0	7.44	38.6	7.54	41.2	7.66	56.0	8.41
	23	22.7	7.07	32.7	7.43	40.8	7.88	42.8	8.11	45.1	8.40	48.2	8.69	61.6	9.47
	25	26.8	7.18	37.2	7.84	46.2	8.74	48.7	9.18	51.6	9.64	55.2	10.16	66.9	11.09
	27	30.8	7.51	41.7	8.59	51.5	10.02	54.6	10.67	58.2	11.46	62.2	12.22	72.5	13.30
	29	35.0	8.21	46.0	9.85	56.8	11.90	60.7	12.84	64.7	13.96	69.1	15.08	77.9	16.14
	31	38.9	9.33	50.4	11.61	62.1	14.40	66.6	15.69	71.4	16.89	76.1	18.07	83.4	19.22
	33	43.1	11.07	54.9	14.09	67.5	16.99	72.5	18.36	77.9	19.94	82.9	21.32	88.8	22.58
	35	47.0	13.14	59.4	16.17	72.8	19.77	78.4	21.43	84.6	23.39	89.9	25.18	94.1	26.51
	37	47.0	14.09	59.4	17.30	72.8	21.27	78.4	23.01	84.6	25.11	89.9	26.84	94.1	28.40
	39	47.0	14.99	59.4	18.54	72.8	22.75	78.4	24.58	84.6	26.77	89.9	28.76	94.1	30.43
	41	47.0	16.07	59.4	19.83	72.8	24.24	78.4	26.38	84.6	28.68	89.9	30.98	94.1	32.58
	43	47.0	17.27	59.4	21.22	72.8	26.03	78.4	28.31	84.6	30.74	89.9	33.14	94.1	35.06
	46	47.0	19.02	59.4	23.64	72.8	29.00	78.4	31.46	83.5	33.74	87.3	35.34	87.3	35.34
	48	47.0	20.54	59.4	25.18	70.8	30.08	71.0	30.28	71.0	30.28	71.0	30.28	71.0	30.28

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM580LTE5

Cooling Capacity (58HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	44.7	8.17	69.9	9.26	88.2	10.75	91.6	11.02	94.8	11.28	101.8	11.96	143.8	16.48
	12	44.7	8.17	69.9	9.26	88.2	10.90	91.6	11.14	94.8	11.50	101.8	12.18	143.8	16.76
	14	44.7	8.17	69.9	9.38	88.2	11.02	91.6	11.28	94.8	11.63	101.8	12.33	143.8	16.98
	16	44.7	8.17	69.9	9.50	88.2	11.14	91.6	11.40	94.8	11.77	101.8	12.45	143.8	17.28
	18	44.7	8.17	69.9	9.62	88.2	11.28	91.6	11.63	94.8	11.91	101.8	12.60	143.8	17.61
	20	44.7	8.17	69.9	9.70	88.2	11.40	91.6	11.77	94.8	12.08	101.8	12.84	143.8	17.91
	21	50.2	8.95	76.0	10.99	95.4	13.41	99.5	14.12	103.8	14.83	111.1	15.93	151.1	20.98
	23	61.2	10.93	87.9	14.25	109.9	18.19	115.4	19.51	121.5	21.11	129.9	23.03	165.8	28.17
	25	72.0	13.61	100.0	18.31	124.1	23.70	131.4	25.95	139.2	28.52	148.5	31.34	180.4	37.21
	27	83.0	17.08	112.0	22.98	138.4	30.20	147.3	33.45	156.9	37.24	167.3	41.38	195.1	48.67
	29	93.9	20.96	124.1	28.38	152.8	37.73	163.3	42.25	174.6	47.51	186.1	53.28	208.9	60.92
	31	104.9	25.30	136.0	34.56	167.1	46.77	179.2	52.75	192.3	60.07	204.8	67.79	220.0	72.92
	33	115.7	30.31	147.9	41.82	181.5	57.11	195.2	65.05	207.6	72.72	212.4	75.29	221.0	78.70
	35	126.7	36.20	160.1	49.92	195.8	68.75	204.5	74.21	209.6	77.27	211.3	78.39	211.3	78.39
	37	126.7	38.80	160.1	53.80	185.0	67.37	188.9	69.74	188.9	69.74	188.9	69.74	188.9	69.74
	39	126.7	41.62	159.7	57.82	167.3	61.86	167.3	61.86	167.3	61.86	167.3	61.86	167.3	61.86
	41	126.7	44.82	145.9	54.11	146.4	54.38	146.4	54.38	146.4	54.38	146.4	54.38	146.4	54.38
	43	122.3	45.70	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64
	46	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40
	48	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99
120	10	41.2	8.17	64.6	8.82	81.5	10.17	84.4	10.43	87.6	10.67	93.9	11.28	132.8	15.21
	12	41.2	8.17	64.6	8.85	81.5	10.29	84.4	10.55	87.6	10.80	93.9	11.40	132.8	15.39
	14	41.2	8.17	64.6	8.97	81.5	10.43	84.4	10.67	87.6	10.94	93.9	11.55	132.8	15.66
	16	41.2	8.17	64.6	9.03	81.5	10.55	84.4	10.75	87.6	11.06	93.9	11.67	132.8	15.98
	18	41.2	8.17	64.6	9.15	81.5	10.63	84.4	10.90	87.6	11.14	93.9	11.81	132.8	16.13
	20	41.2	8.17	64.6	9.26	81.5	10.75	84.4	11.02	87.6	11.36	93.9	12.04	132.8	16.48
	21	46.4	8.78	70.2	10.35	88.1	12.45	91.9	13.03	95.7	13.71	102.6	14.68	139.5	19.09
	23	56.5	10.42	81.2	13.07	101.3	16.59	106.5	17.81	112.0	19.11	119.8	20.69	153.1	25.18
	25	66.4	12.64	92.2	16.67	114.6	21.41	121.2	23.32	128.4	25.56	137.2	27.92	166.5	32.59
	27	76.6	15.66	103.3	20.80	127.9	27.05	136.0	29.78	144.7	32.96	154.5	36.26	180.1	42.04
	29	86.7	19.16	114.5	25.55	141.0	33.53	150.8	37.35	161.0	41.66	171.7	46.22	193.7	53.02
	31	96.8	23.04	125.6	31.00	154.3	41.37	165.5	46.29	177.5	52.21	189.1	58.28	207.1	65.42
	33	107.0	27.45	136.6	37.35	167.6	50.26	180.1	56.65	193.7	64.22	206.2	72.06	214.3	74.85
	35	116.9	32.71	147.7	44.44	180.7	60.23	194.9	68.28	204.2	74.06	208.4	76.48	211.3	78.39
	37	116.9	34.96	147.7	47.78	180.3	64.89	184.7	67.23	188.9	69.74	188.9	69.74	188.9	69.74
	39	116.9	37.51	147.7	51.56	166.1	61.15	167.3	61.86	167.3	61.86	167.3	61.86	167.3	61.86
	41	116.9	40.19	142.1	52.17	146.4	54.38	146.4	54.38	146.4	54.38	146.4	54.38	146.4	54.38
	43	116.9	43.31	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64
	46	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40
	48	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99
110	10	37.7	8.17	59.2	8.45	74.8	9.62	77.4	9.82	80.3	10.05	86.1	10.55	121.5	14.02
	12	37.7	8.17	59.2	8.53	74.8	9.70	77.4	9.93	80.3	10.17	86.1	10.67	121.5	14.17
	14	37.7	8.17	59.2	8.53	74.8	9.82	77.4	10.05	80.3	10.29	86.1	10.80	121.5	14.44
	16	37.7	8.17	59.2	8.64	74.8	9.93	77.4	10.17	80.3	10.43	86.1	10.94	121.5	14.59
	18	37.7	8.17	59.2	8.70	74.8	10.05	77.4	10.29	80.3	10.55	86.1	11.02	121.5	14.89
	20	37.7	8.17	59.2	8.82	74.8	10.17	77.4	10.43	80.3	10.63	86.1	11.24	121.5	15.06
	21	42.4	8.64	64.3	9.69	80.9	11.57	84.1	12.10	87.8	12.62	94.0	13.48	127.9	17.28
	23	51.6	9.93	74.5	11.96	92.8	15.01	97.7	16.05	102.7	17.33	109.9	18.63	140.3	22.50
	25	60.9	11.78	84.7	15.01	105.0	19.22	111.1	20.86	117.7	22.74	125.8	24.73	152.6	28.75
	27	70.2	14.25	94.8	18.75	117.2	24.09	124.7	26.45	132.8	29.12	141.5	31.87	165.0	36.35
	29	79.5	17.43	105.0	22.94	129.3	29.75	138.1	32.93	147.6	36.50	157.5	40.18	177.5	45.67
	31	88.7	20.95	115.1	27.67	141.5	36.39	151.7	40.47	162.7	45.33	173.4	50.09	189.9	55.95
	33	98.0	24.85	125.3	33.23	153.5	44.16	165.3	49.26	177.7	55.45	189.1	61.66	202.4	67.79
	35	107.3	29.41	135.4	39.59	165.6	52.65	178.6	59.13	192.6	67.05	202.6	73.09	205.6	74.81
	37	107.3	31.44	135.4	42.37	165.6	56.72	178.6	63.99	184.0	66.81	187.8	69.11	188.9	69.74
	39	107.3	33.64	135.4	45.59	161.4	58.60	165.4	60.74	167.3	61.86	167.3	61.86	167.3	61.86
	41	107.3	36.10	135.4	49.01	146.4	54.38	146.4	54.38	146.4	54.38	146.4	54.38	146.4	54.38
	43	107.3	38.70	125.0	46.91	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64
	46	97.5	38.28	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40
	48	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99

7. Capacity Tables

Cooling Capacity (58HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	34.5	8.17	53.7	8.17	67.9	9.03	70.4	9.26	73.0	9.50	78.3	9.93	110.5	12.84
	12	34.5	8.17	53.7	8.25	67.9	9.15	70.4	9.38	73.0	9.58	78.3	9.97	110.5	13.04
	14	34.5	8.17	53.7	8.25	67.9	9.26	70.4	9.46	73.0	9.62	78.3	10.09	110.5	13.18
	16	34.5	8.17	53.7	8.31	67.9	9.38	70.4	9.50	73.0	9.74	78.3	10.17	110.5	13.43
	18	34.5	8.17	53.7	8.39	67.9	9.38	70.4	9.62	73.0	9.85	78.3	10.29	110.5	13.58
	20	34.5	8.17	53.7	8.39	67.9	9.50	70.4	9.74	73.0	9.93	78.3	10.43	110.5	13.83
	21	38.6	8.50	58.3	9.09	73.4	10.62	76.5	11.08	79.8	11.55	85.5	12.28	116.3	15.66
	23	47.0	9.48	67.6	10.95	84.4	13.50	88.8	14.49	93.4	15.52	99.8	16.72	127.6	20.06
	25	55.4	10.93	76.9	13.49	95.4	17.16	101.2	18.63	107.0	20.21	114.3	21.87	138.9	25.23
	27	63.8	12.96	86.1	16.80	106.5	21.44	113.4	23.37	120.6	25.58	128.7	27.92	150.0	31.43
	29	72.2	15.73	95.4	20.41	117.5	26.23	125.6	28.83	134.3	31.91	143.2	34.83	161.3	39.06
	31	80.6	18.97	104.7	24.55	128.5	31.81	137.8	35.24	147.9	39.07	157.5	43.08	172.6	47.82
	33	89.0	22.27	113.9	29.36	139.5	38.46	150.2	42.64	161.5	47.78	172.0	52.67	183.9	57.37
	35	97.5	26.22	123.2	34.77	150.5	45.72	162.4	50.94	175.1	57.36	186.4	63.33	195.2	68.67
	37	97.5	28.16	123.2	37.37	150.5	49.13	162.4	55.00	175.1	61.87	182.0	65.82	184.8	67.35
	39	97.5	30.12	123.2	40.05	150.5	52.98	160.4	58.09	164.3	60.18	167.3	61.86	167.3	61.86
	41	97.5	32.23	123.2	43.07	142.9	52.56	146.4	54.38	146.4	54.38	146.4	54.38	146.4	54.38
	43	97.5	34.64	121.2	45.13	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64
	46	94.5	36.96	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40
	48	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99
90	10	31.0	8.17	48.4	8.17	61.2	8.53	63.3	8.74	65.6	8.93	70.5	9.26	99.5	11.77
	12	31.0	8.17	48.4	8.17	61.2	8.64	63.3	8.82	65.6	8.97	70.5	9.38	99.5	11.91
	14	31.0	8.17	48.4	8.17	61.2	8.70	63.3	8.85	65.6	9.03	70.5	9.46	99.5	12.04
	16	31.0	8.17	48.4	8.17	61.2	8.74	63.3	8.93	65.6	9.15	70.5	9.50	99.5	12.18
	18	31.0	8.17	48.4	8.17	61.2	8.85	63.3	9.03	65.6	9.26	70.5	9.62	99.5	12.45
	20	31.0	8.17	48.4	8.17	61.2	8.93	63.3	9.15	65.6	9.34	70.5	9.74	99.5	12.60
	21	34.8	8.39	52.5	8.69	66.1	9.81	68.8	10.21	71.9	10.63	76.9	11.21	104.7	14.05
	23	42.3	9.09	60.9	10.09	76.0	12.08	80.0	12.87	84.1	13.80	89.9	14.85	114.8	17.68
	25	49.9	10.18	69.3	12.06	85.9	15.13	91.0	16.43	96.3	17.80	102.9	19.25	125.0	22.08
	27	57.4	11.77	77.5	14.81	95.9	18.87	102.1	20.54	108.5	22.41	115.8	24.28	135.1	27.24
	29	65.0	14.03	85.8	18.11	105.8	23.04	113.1	25.15	120.9	27.67	128.8	30.08	145.3	33.23
	31	72.5	17.00	94.2	21.72	115.7	27.71	124.1	30.52	133.1	33.73	141.8	36.76	155.4	40.62
	33	80.1	19.94	102.4	25.85	125.6	33.35	135.1	36.82	145.3	40.79	154.8	44.71	165.6	48.61
	35	87.8	23.25	110.8	30.50	135.5	39.59	146.2	43.77	157.5	48.82	167.7	53.68	175.7	57.52
	37	87.8	24.98	110.8	32.66	135.5	42.37	146.2	47.06	157.5	52.63	167.7	57.92	175.7	62.26
	39	87.8	26.84	110.8	35.07	135.5	45.61	146.2	50.59	157.5	56.60	162.1	58.98	164.5	60.20
	41	87.8	28.58	110.8	37.61	135.5	49.03	141.6	51.93	145.1	53.71	146.4	54.38	146.4	54.38
	43	87.8	30.80	110.8	40.38	125.1	46.91	126.4	47.64	126.4	47.64	126.4	47.64	126.4	47.64
	46	87.8	34.14	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40
	48	79.4	32.89	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99
80	10	27.5	8.17	43.0	8.17	54.3	8.17	56.3	8.31	58.3	8.39	62.6	8.64	88.5	10.75
	12	27.5	8.17	43.0	8.17	54.3	8.25	56.3	8.31	58.3	8.45	62.6	8.74	88.5	10.90
	14	27.5	8.17	43.0	8.17	54.3	8.31	56.3	8.39	58.3	8.53	62.6	8.82	88.5	11.02
	16	27.5	8.17	43.0	8.17	54.3	8.31	56.3	8.45	58.3	8.53	62.6	8.93	88.5	11.14
	18	27.5	8.17	43.0	8.17	54.3	8.39	56.3	8.53	58.3	8.64	62.6	8.97	88.5	11.28
	20	27.5	8.17	43.0	8.17	54.3	8.45	56.3	8.53	58.3	8.70	62.6	9.03	88.5	11.40
	21	30.8	8.28	46.7	8.53	58.8	9.12	61.2	9.34	63.8	9.68	68.4	10.17	93.1	12.52
	23	37.7	8.73	54.2	9.54	67.6	10.81	71.0	11.46	74.8	12.18	80.0	13.05	102.1	15.44
	25	44.4	9.47	61.5	11.01	76.3	13.23	80.9	14.28	85.6	15.52	91.4	16.77	111.1	19.11
	27	51.0	10.71	69.0	13.08	85.2	16.41	90.7	17.80	96.5	19.39	103.0	20.90	120.1	23.36
	29	57.7	12.50	76.3	15.91	94.0	20.00	100.6	21.76	107.3	23.77	114.5	25.74	129.1	28.24
	31	64.4	14.96	83.8	19.14	102.9	23.96	110.2	26.32	118.3	28.87	126.1	31.23	138.1	34.24
	33	71.3	17.63	91.1	22.50	111.7	28.68	120.1	31.47	129.1	34.59	137.5	37.84	147.1	40.81
	35	78.0	20.58	98.6	26.49	120.4	33.93	129.9	37.44	140.1	41.44	149.1	45.12	156.1	48.11
	37	78.0	22.02	98.6	28.45	120.4	36.42	129.9	40.10	140.1	44.33	149.1	48.41	156.1	51.89
	39	78.0	23.54	98.6	30.41	120.4	39.04	129.9	43.02	140.1	47.68	149.1	52.10	156.1	55.80
	41	78.0	25.27	98.6	32.73	120.4	41.80	129.9	46.20	139.7	50.97	142.5	52.31	144.7	53.45
	43	78.0	27.17	98.6	34.99	120.4	44.79	123.3	46.17	126.4	47.64	126.4	47.64	126.4	47.64
	46	78.0	30.00	94.8	37.07	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40
	48	76.4	31.66	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99

7. Capacity Tables

Cooling Capacity (58HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	24.1	8.17	37.7	8.17	47.6	8.17	49.3	8.17	51.0	8.17	54.8	8.25	77.4	9.82
	12	24.1	8.17	37.7	8.17	47.6	8.17	49.3	8.17	51.0	8.17	54.8	8.25	77.4	9.93
	14	24.1	8.17	37.7	8.17	47.6	8.17	49.3	8.17	51.0	8.17	54.8	8.31	77.4	10.05
	16	24.1	8.17	37.7	8.17	47.6	8.17	49.3	8.17	51.0	8.17	54.8	8.39	77.4	10.17
	18	24.1	8.17	37.7	8.17	47.6	8.17	49.3	8.17	51.0	8.25	54.8	8.39	77.4	10.29
	20	24.1	8.17	37.7	8.17	47.6	8.17	49.3	8.17	51.0	8.25	54.8	8.45	77.4	10.43
	21	27.0	8.20	40.9	8.36	51.4	8.61	53.6	8.75	55.9	8.95	59.8	9.28	81.4	11.22
	23	32.8	8.40	47.3	9.02	59.1	9.84	62.1	10.24	65.3	10.82	69.9	11.42	89.3	13.32
	25	38.8	8.89	53.9	10.07	66.7	11.63	70.8	12.42	74.8	13.27	80.0	14.24	97.1	16.23
	27	44.7	9.72	60.3	11.61	74.5	14.02	79.4	15.25	84.4	16.58	90.2	17.84	105.0	19.87
	29	50.5	11.07	66.7	13.82	82.3	17.18	87.9	18.70	94.0	20.33	100.1	21.86	112.8	23.86
	31	56.5	12.96	73.3	16.71	89.9	20.61	96.6	22.32	103.5	24.41	110.2	26.32	120.9	28.48
	33	62.3	15.57	79.7	19.59	97.7	24.43	105.0	26.58	113.1	29.16	120.4	31.63	128.7	34.05
	35	68.2	17.93	86.1	22.82	105.5	28.86	113.7	31.55	122.6	34.72	130.5	37.47	136.6	39.93
	37	68.2	19.24	86.1	24.52	105.5	30.84	113.7	33.75	122.6	37.08	130.5	40.41	136.6	42.93
	39	68.2	20.54	86.1	26.31	105.5	33.00	113.7	36.23	122.6	39.73	130.5	43.25	136.6	45.98
	41	68.2	21.99	86.1	28.02	105.5	35.44	113.7	38.92	122.6	42.81	130.5	46.54	136.6	49.44
	43	68.2	23.67	86.1	30.21	105.5	38.01	113.7	41.68	121.0	45.12	123.5	46.18	125.4	47.14
	46	68.2	26.35	86.1	33.50	96.9	38.05	97.8	38.40	97.8	38.40	97.8	38.40	97.8	38.40
	48	68.2	28.24	78.9	32.69	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99
60	10	20.6	8.17	32.2	8.17	40.8	8.17	42.3	8.17	43.8	8.17	47.0	8.17	66.4	8.93
	12	20.6	8.17	32.2	8.17	40.8	8.17	42.3	8.17	43.8	8.17	47.0	8.17	66.4	9.03
	14	20.6	8.17	32.2	8.17	40.8	8.17	42.3	8.17	43.8	8.17	47.0	8.17	66.4	9.15
	16	20.6	8.17	32.2	8.17	40.8	8.17	42.3	8.17	43.8	8.17	47.0	8.17	66.4	9.15
	18	20.6	8.17	32.2	8.17	40.8	8.17	42.3	8.17	43.8	8.17	47.0	8.17	66.4	9.26
	20	20.6	8.17	32.2	8.17	40.8	8.17	42.3	8.17	43.8	8.17	47.0	8.17	66.4	9.38
	21	23.2	8.12	35.1	8.25	44.1	8.42	45.8	8.50	47.9	8.61	51.3	8.72	69.6	9.92
	23	28.2	8.12	40.6	8.59	50.7	9.20	53.3	9.48	56.0	9.82	60.0	10.15	76.5	11.45
	25	33.3	8.33	46.1	9.22	57.4	10.36	60.6	10.93	64.1	11.55	68.5	12.19	83.2	13.60
	27	38.3	8.85	51.6	10.27	63.8	12.07	67.9	12.96	72.5	13.93	77.2	14.91	89.9	16.48
	29	43.3	9.77	57.2	11.85	70.5	14.48	75.4	15.73	80.6	17.12	85.9	18.35	96.8	19.90
	31	48.4	11.26	62.7	14.16	77.1	17.56	82.7	18.97	88.7	20.45	94.5	21.88	103.5	23.51
	33	53.4	13.36	68.4	16.84	83.8	20.58	90.2	22.27	96.9	24.24	103.2	26.08	110.2	27.95
	35	58.6	15.60	73.9	19.47	90.4	24.03	97.4	26.22	105.0	28.60	111.9	30.81	117.1	32.74
	37	58.6	16.64	73.9	20.84	90.4	25.79	97.4	28.16	105.0	30.65	111.9	33.13	117.1	34.99
	39	58.6	17.80	73.9	22.32	90.4	27.63	97.4	30.12	105.0	32.98	111.9	35.39	117.1	37.53
	41	58.6	19.11	73.9	23.99	90.4	29.63	97.4	32.23	105.0	35.25	111.9	37.96	117.1	40.21
	43	58.6	20.44	73.9	25.60	90.4	31.73	97.4	34.64	105.0	37.80	111.9	40.95	117.1	43.32
	46	58.6	22.81	73.9	28.48	90.4	35.31	94.4	36.96	96.8	37.95	97.8	38.40	97.8	38.40
	48	58.6	24.41	73.9	30.55	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99	79.6	32.99
50	10	17.1	8.17	26.9	8.17	33.9	8.17	35.1	8.17	36.5	8.17	39.1	8.17	55.4	8.25
	12	17.1	8.17	26.9	8.17	33.9	8.17	35.1	8.17	36.5	8.17	39.1	8.17	55.4	8.31
	14	17.1	8.17	26.9	8.17	33.9	8.17	35.1	8.17	36.5	8.17	39.1	8.17	55.4	8.31
	16	17.1	8.17	26.9	8.17	33.9	8.17	35.1	8.17	36.5	8.17	39.1	8.17	55.4	8.39
	18	17.1	8.17	26.9	8.17	33.9	8.17	35.1	8.17	36.5	8.17	39.1	8.17	55.4	8.45
	20	17.1	8.17	26.9	8.17	33.9	8.17	35.1	8.17	36.5	8.17	39.1	8.17	55.4	8.53
	21	19.4	8.06	29.3	8.14	36.8	8.25	38.3	8.31	40.0	8.39	42.7	8.45	58.0	8.84
	23	23.5	7.88	33.9	8.21	42.3	8.62	44.4	8.84	46.7	9.09	49.9	9.31	63.8	9.76
	25	27.8	7.88	38.5	8.50	47.8	9.32	50.5	9.71	53.4	10.14	57.1	10.57	69.3	11.23
	27	31.9	8.09	43.2	9.11	53.3	10.42	56.6	11.03	60.3	11.75	64.4	12.41	75.1	13.26
	29	36.2	8.64	47.6	10.20	58.8	12.11	62.9	12.96	67.0	13.99	71.6	15.04	80.6	15.96
	31	40.3	9.60	52.2	11.78	64.3	14.38	69.0	15.69	73.9	16.90	78.8	18.11	86.4	19.16
	33	44.6	11.15	56.9	14.15	69.9	17.10	75.1	18.42	80.7	19.94	85.9	21.24	91.9	22.38
	35	48.7	13.24	61.5	16.24	75.4	19.73	81.2	21.34	87.6	23.25	93.1	24.96	97.5	26.23
	37	48.7	14.24	61.5	17.45	75.4	21.27	81.2	22.95	87.6	24.95	93.1	26.61	97.5	28.16
	39	48.7	15.22	61.5	18.67	75.4	22.75	81.2	24.52	87.6	26.60	93.1	28.58	97.5	30.12
	41	48.7	16.33	61.5	20.02	75.4	24.29	81.2	26.38	87.6	28.57	93.1	30.72	97.5	32.26
	43	48.7	17.59	61.5	21.47	75.4	26.08	81.2	28.25	87.6	30.56	93.1	32.87	97.5	34.65
	46	48.7	19.41	61.5	23.91	75.4	29.07	81.2	31.40	87.6	34.11	93.1	36.43	94.5	36.97
	48	48.7	21.01	61.5	25.53	75.4	31.16	77.4	32.07	79.4	32.89	79.6	32.99	79.6	32.99

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM600LTE5

Cooling Capacity (60HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	46.2	8.13	72.3	9.45	91.2	11.04	94.8	11.31	98.1	11.58	105.3	12.27	148.8	17.07
	12	46.2	8.13	72.3	9.45	91.2	11.19	94.8	11.43	98.1	11.85	105.3	12.54	148.8	17.40
	14	46.2	8.13	72.3	9.57	91.2	11.31	94.8	11.58	98.1	11.97	105.3	12.69	148.8	17.58
	16	46.2	8.13	72.3	9.69	91.2	11.43	94.8	11.70	98.1	12.12	105.3	12.81	148.8	17.94
	18	46.2	8.13	72.3	9.81	91.2	11.58	94.8	11.97	98.1	12.27	105.3	12.96	148.8	18.27
	20	46.2	8.13	72.3	9.93	91.2	11.70	94.8	12.12	98.1	12.39	105.3	13.26	148.8	18.63
	21	51.9	9.00	78.6	11.34	98.7	13.89	102.9	14.67	107.4	15.36	114.9	16.59	156.3	21.96
	23	63.3	11.19	90.9	14.88	113.7	19.02	119.4	20.43	125.7	22.17	134.4	24.27	171.6	29.76
	25	74.4	14.13	103.5	19.20	128.4	24.93	135.9	27.39	144.0	30.18	153.6	33.27	186.6	39.75
	27	85.8	17.91	115.8	24.18	143.1	31.98	152.4	35.52	162.3	39.63	173.1	44.22	201.9	52.44
	29	97.2	21.93	128.4	30.00	158.1	40.05	168.9	45.06	180.6	50.82	192.6	57.36	215.7	65.40
	31	108.6	26.61	140.7	36.60	172.8	49.95	185.4	56.49	198.9	64.62	211.8	73.32	225.6	77.55
	33	119.7	31.95	153.0	44.34	187.8	61.08	201.9	69.87	213.6	77.79	214.5	77.97	220.2	79.35
	35	131.1	38.28	165.6	53.01	202.5	73.80	208.5	78.03	208.5	78.03	208.5	78.03	208.5	78.03
	37	131.1	41.07	165.6	57.30	186.3	69.39	186.3	69.39	186.3	69.39	186.3	69.39	186.3	69.39
	39	131.1	44.01	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53
	41	131.1	47.46	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06
	43	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34
	46	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91
120	10	42.6	8.13	66.9	9.00	84.3	10.41	87.3	10.68	90.6	10.92	97.2	11.58	137.4	15.72
	12	42.6	8.13	66.9	9.00	84.3	10.53	87.3	10.80	90.6	11.04	97.2	11.70	137.4	15.90
	14	42.6	8.13	66.9	9.12	84.3	10.68	87.3	10.92	90.6	11.19	97.2	11.85	137.4	16.23
	16	42.6	8.13	66.9	9.21	84.3	10.80	87.3	11.04	90.6	11.31	97.2	11.97	137.4	16.56
	18	42.6	8.13	66.9	9.33	84.3	10.92	87.3	11.19	90.6	11.43	97.2	12.12	137.4	16.71
	20	42.6	8.13	66.9	9.45	84.3	11.04	87.3	11.31	90.6	11.70	97.2	12.39	137.4	17.07
	21	48.0	8.82	72.6	10.65	91.2	12.90	95.1	13.50	99.0	14.25	106.2	15.24	144.3	19.89
	23	58.5	10.65	84.0	13.62	104.7	17.37	110.1	18.63	115.8	20.01	123.9	21.72	158.4	26.52
	25	68.7	13.08	95.4	17.52	118.5	22.47	125.4	24.54	132.9	27.00	141.9	29.52	172.2	34.53
	27	79.2	16.38	106.8	21.81	132.3	28.56	140.7	31.53	149.7	34.98	159.9	38.58	186.3	45.09
	29	89.7	20.01	118.5	26.91	145.8	35.49	156.0	39.66	166.5	44.37	177.6	49.38	200.4	56.94
	31	100.2	24.12	129.9	32.76	159.6	44.04	171.3	49.44	183.6	55.92	195.6	62.70	214.2	70.53
	33	110.7	28.86	141.3	39.60	173.4	53.61	186.3	60.60	200.4	69.00	213.3	77.76	218.7	78.96
	35	120.9	34.50	152.7	47.10	186.9	64.35	201.6	73.29	208.5	78.03	208.5	78.03	208.5	78.03
	37	120.9	36.84	152.7	50.70	186.3	69.39	186.3	69.39	186.3	69.39	186.3	69.39	186.3	69.39
	39	120.9	39.57	152.7	54.87	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53
	41	120.9	42.45	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06
	43	120.9	45.81	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34
	46	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91
110	10	39.0	8.13	61.2	8.55	77.4	9.81	80.1	10.05	83.1	10.29	89.1	10.80	125.7	14.46
	12	39.0	8.13	61.2	8.67	77.4	9.93	80.1	10.17	83.1	10.41	89.1	10.92	125.7	14.61
	14	39.0	8.13	61.2	8.67	77.4	10.05	80.1	10.29	83.1	10.53	89.1	11.04	125.7	14.94
	16	39.0	8.13	61.2	8.79	77.4	10.17	80.1	10.41	83.1	10.68	89.1	11.19	125.7	15.09
	18	39.0	8.13	61.2	8.88	77.4	10.29	80.1	10.53	83.1	10.80	89.1	11.31	125.7	15.39
	20	39.0	8.13	61.2	9.00	77.4	10.41	80.1	10.68	83.1	10.92	89.1	11.58	125.7	15.57
	21	43.8	8.67	66.6	9.96	83.7	11.94	87.0	12.51	90.9	13.08	97.2	14.01	132.3	17.97
	23	53.4	10.11	77.1	12.45	96.0	15.69	101.1	16.77	106.2	18.12	113.7	19.50	145.2	23.58
	25	63.0	12.15	87.6	15.75	108.6	20.13	114.9	21.90	121.8	23.94	130.2	26.07	157.8	30.36
	27	72.6	14.88	98.1	19.68	121.2	25.35	129.0	27.90	137.4	30.81	146.4	33.78	170.7	38.70
	29	82.2	18.27	108.6	24.15	133.8	31.44	142.8	34.86	152.7	38.76	162.9	42.81	183.6	48.84
	31	91.8	21.90	119.1	29.19	146.4	38.58	156.9	42.99	168.3	48.33	179.4	53.61	196.5	59.94
	33	101.4	26.10	129.6	35.16	158.7	46.95	171.0	52.47	183.9	59.34	195.6	66.09	209.4	72.90
	35	111.0	30.93	140.1	41.88	171.3	56.07	184.8	63.09	199.2	71.88	208.5	78.03	208.5	78.03
	37	111.0	33.12	140.1	44.88	171.3	60.57	184.8	68.46	186.3	69.39	186.3	69.39	186.3	69.39
	39	111.0	35.40	140.1	48.33	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53
	41	111.0	38.04	140.1	52.02	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06
	43	111.0	40.83	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34
	46	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91

7. Capacity Tables

Cooling Capacity (60HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	35.7	8.13	55.5	8.13	70.2	9.21	72.9	9.45	75.6	9.69	81.0	10.17	114.3	13.26
	12	35.7	8.13	55.5	8.25	70.2	9.33	72.9	9.57	75.6	9.81	81.0	10.17	114.3	13.41
	14	35.7	8.13	55.5	8.25	70.2	9.45	72.9	9.69	75.6	9.81	81.0	10.29	114.3	13.56
	16	35.7	8.13	55.5	8.34	70.2	9.57	72.9	9.69	75.6	9.93	81.0	10.41	114.3	13.86
	18	35.7	8.13	55.5	8.46	70.2	9.57	72.9	9.81	75.6	10.05	81.0	10.53	114.3	14.01
	20	35.7	8.13	55.5	8.46	70.2	9.69	72.9	9.93	75.6	10.17	81.0	10.68	114.3	14.31
	21	39.9	8.52	60.3	9.24	75.9	10.92	79.2	11.40	82.5	11.94	88.5	12.69	120.3	16.32
	23	48.6	9.63	69.9	11.31	87.3	14.10	91.8	15.15	96.6	16.23	103.2	17.46	132.0	21.03
	25	57.3	11.25	79.5	14.10	98.7	18.03	104.7	19.56	110.7	21.21	118.2	22.98	143.7	26.58
	27	66.0	13.47	89.1	17.70	110.1	22.53	117.3	24.57	124.8	26.97	133.2	29.49	155.1	33.24
	29	74.7	16.47	98.7	21.39	121.5	27.63	129.9	30.42	138.9	33.78	148.2	36.90	166.8	41.64
	31	83.4	19.80	108.3	25.77	132.9	33.60	142.5	37.35	153.0	41.43	162.9	45.87	178.5	51.06
	33	92.1	23.31	117.9	30.99	144.3	40.83	155.4	45.27	167.1	50.91	177.9	56.31	190.2	61.35
	35	100.8	27.57	127.5	36.72	155.7	48.54	168.0	54.18	181.2	61.32	192.9	67.83	201.9	73.71
	37	100.8	29.58	127.5	39.42	155.7	52.20	168.0	58.56	181.2	66.21	186.3	69.39	186.3	69.39
	39	100.8	31.68	127.5	42.30	155.7	56.46	165.0	61.53	165.0	61.53	165.0	61.53	165.0	61.53
	41	100.8	33.87	127.5	45.63	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06
	43	100.8	36.45	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34
	46	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91
90	10	32.1	8.13	50.1	8.13	63.3	8.67	65.4	8.88	67.8	9.12	72.9	9.45	102.9	12.12
	12	32.1	8.13	50.1	8.13	63.3	8.79	65.4	9.00	67.8	9.12	72.9	9.57	102.9	12.27
	14	32.1	8.13	50.1	8.13	63.3	8.88	65.4	9.00	67.8	9.21	72.9	9.69	102.9	12.39
	16	32.1	8.13	50.1	8.13	63.3	8.88	65.4	9.12	67.8	9.33	72.9	9.69	102.9	12.54
	18	32.1	8.13	50.1	8.13	63.3	9.00	65.4	9.21	67.8	9.45	72.9	9.81	102.9	12.81
	20	32.1	8.13	50.1	8.13	63.3	9.12	65.4	9.33	67.8	9.57	72.9	9.93	102.9	12.96
	21	36.0	8.40	54.3	8.73	68.4	10.08	71.1	10.50	74.4	10.98	79.5	11.55	108.3	14.55
	23	43.8	9.21	63.0	10.29	78.6	12.54	82.8	13.41	87.0	14.40	93.0	15.54	118.8	18.54
	25	51.6	10.44	71.7	12.45	88.8	15.90	94.2	17.25	99.6	18.66	106.5	20.19	129.3	23.19
	27	59.4	12.18	80.1	15.48	99.3	19.83	105.6	21.57	112.2	23.55	119.7	25.59	139.8	28.74
	29	67.2	14.61	88.8	18.96	109.5	24.21	117.0	26.49	125.1	29.22	133.2	31.83	150.3	35.25
	31	75.0	17.82	97.5	22.77	119.7	29.22	128.4	32.25	137.7	35.73	146.7	38.94	160.8	43.23
	33	82.8	20.85	105.9	27.15	129.9	35.22	139.8	38.97	150.3	43.26	160.2	47.52	171.3	51.69
	35	90.9	24.36	114.6	32.13	140.1	41.88	151.2	46.41	162.9	51.87	173.4	57.24	181.8	61.38
	37	90.9	26.22	114.6	34.38	140.1	44.88	151.2	49.95	162.9	56.07	173.4	61.83	181.8	66.63
	39	90.9	28.14	114.6	36.96	140.1	48.36	151.2	53.76	162.9	60.27	165.0	61.53	165.0	61.53
	41	90.9	29.94	114.6	39.69	140.1	52.05	144.3	54.06	144.3	54.06	144.3	54.06	144.3	54.06
	43	90.9	32.31	114.6	42.57	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34
	46	90.9	35.85	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91
80	10	28.5	8.13	44.4	8.13	56.1	8.13	58.2	8.34	60.3	8.46	64.8	8.79	91.5	11.04
	12	28.5	8.13	44.4	8.13	56.1	8.25	58.2	8.34	60.3	8.55	64.8	8.88	91.5	11.19
	14	28.5	8.13	44.4	8.13	56.1	8.34	58.2	8.46	60.3	8.67	64.8	9.00	91.5	11.31
	16	28.5	8.13	44.4	8.13	56.1	8.34	58.2	8.55	60.3	8.67	64.8	9.12	91.5	11.43
	18	28.5	8.13	44.4	8.13	56.1	8.46	58.2	8.67	60.3	8.79	64.8	9.12	91.5	11.58
	20	28.5	8.13	44.4	8.13	56.1	8.55	58.2	8.67	60.3	8.88	64.8	9.21	91.5	11.70
	21	31.8	8.28	48.3	8.55	60.9	9.30	63.3	9.57	66.0	9.96	70.8	10.47	96.3	12.93
	23	39.0	8.82	56.1	9.69	69.9	11.16	73.5	11.91	77.4	12.66	82.8	13.59	105.6	16.11
	25	45.9	9.66	63.6	11.34	78.9	13.83	83.7	14.97	88.5	16.29	94.5	17.61	114.9	20.07
	27	52.8	11.04	71.4	13.59	88.2	17.31	93.9	18.72	99.9	20.37	106.5	21.96	124.2	24.57
	29	59.7	13.02	78.9	16.65	97.2	20.94	104.1	22.83	111.0	25.02	118.5	27.15	133.5	29.82
	31	66.6	15.63	86.7	19.98	106.5	25.17	114.0	27.72	122.4	30.48	130.5	33.00	142.8	36.30
	33	73.8	18.36	94.2	23.55	115.5	30.21	124.2	33.18	133.5	36.57	142.2	40.11	152.1	43.29
	35	80.7	21.54	102.0	27.84	124.5	35.76	134.4	39.57	144.9	43.89	154.2	47.82	161.4	51.12
	37	80.7	23.04	102.0	29.88	124.5	38.43	134.4	42.42	144.9	47.01	154.2	51.45	161.4	55.29
	39	80.7	24.60	102.0	31.98	124.5	41.25	134.4	45.48	144.9	50.61	154.2	55.35	161.4	59.43
	41	80.7	26.46	102.0	34.47	124.5	44.22	134.4	48.99	144.3	54.06	144.3	54.06	144.3	54.06
	43	80.7	28.41	102.0	36.81	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34	124.5	47.34
	46	80.7	31.41	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91

7. Capacity Tables

Cooling Capacity (60HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	24.9	8.13	39.0	8.13	49.2	8.13	51.0	8.13	52.8	8.13	56.7	8.25	80.1	10.05
	12	24.9	8.13	39.0	8.13	49.2	8.13	51.0	8.13	52.8	8.13	56.7	8.25	80.1	10.17
	14	24.9	8.13	39.0	8.13	49.2	8.13	51.0	8.13	52.8	8.13	56.7	8.34	80.1	10.29
	16	24.9	8.13	39.0	8.13	49.2	8.13	51.0	8.13	52.8	8.13	56.7	8.46	80.1	10.41
	18	24.9	8.13	39.0	8.13	49.2	8.13	51.0	8.13	52.8	8.25	56.7	8.46	80.1	10.53
	20	24.9	8.13	39.0	8.13	49.2	8.13	51.0	8.13	52.8	8.25	56.7	8.55	80.1	10.68
	21	27.9	8.19	42.3	8.37	53.1	8.64	55.5	8.79	57.9	9.03	61.8	9.48	84.3	11.55
	23	33.9	8.46	48.9	9.12	61.2	10.02	64.2	10.44	67.5	11.13	72.3	11.85	92.4	13.86
	25	40.2	9.03	55.8	10.32	69.0	12.00	73.2	12.87	77.4	13.80	82.8	14.91	100.5	17.04
	27	46.2	9.96	62.4	12.03	77.1	14.61	82.2	15.96	87.3	17.43	93.3	18.75	108.6	20.88
	29	52.2	11.46	69.0	14.43	85.2	18.00	90.9	19.59	97.2	21.30	103.5	22.95	116.7	25.08
	31	58.5	13.50	75.9	17.49	93.0	21.57	99.9	23.40	107.1	25.68	114.0	27.72	125.1	30.00
	33	64.5	16.20	82.5	20.43	101.1	25.68	108.6	27.90	117.0	30.72	124.5	33.42	133.2	35.97
	35	70.5	18.69	89.1	23.85	109.2	30.36	117.6	33.30	126.9	36.66	135.0	39.60	141.3	42.24
	37	70.5	20.04	89.1	25.68	109.2	32.49	117.6	35.58	126.9	39.12	135.0	42.75	141.3	45.54
	39	70.5	21.45	89.1	27.60	109.2	34.74	117.6	38.25	126.9	41.97	135.0	45.81	141.3	48.75
	41	70.5	22.95	89.1	29.37	109.2	37.35	117.6	41.04	126.9	45.27	135.0	49.35	141.3	52.47
	43	70.5	24.75	89.1	31.71	109.2	40.11	117.6	44.01	124.5	47.34	124.5	47.34	124.5	47.34
	46	70.5	27.51	89.1	35.19	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	70.5	29.52	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91
60	10	21.3	8.13	33.3	8.13	42.3	8.13	43.8	8.13	45.3	8.13	48.6	8.13	68.7	9.12
	12	21.3	8.13	33.3	8.13	42.3	8.13	43.8	8.13	45.3	8.13	48.6	8.13	68.7	9.21
	14	21.3	8.13	33.3	8.13	42.3	8.13	43.8	8.13	45.3	8.13	48.6	8.13	68.7	9.33
	16	21.3	8.13	33.3	8.13	42.3	8.13	43.8	8.13	45.3	8.13	48.6	8.13	68.7	9.33
	18	21.3	8.13	33.3	8.13	42.3	8.13	43.8	8.13	45.3	8.13	48.6	8.13	68.7	9.45
	20	21.3	8.13	33.3	8.13	42.3	8.13	43.8	8.13	45.3	8.13	48.6	8.13	68.7	9.57
	21	24.0	8.10	36.3	8.25	45.6	8.43	47.4	8.52	49.5	8.64	53.1	8.76	72.0	10.17
	23	29.1	8.16	42.0	8.67	52.5	9.33	55.2	9.63	57.9	9.99	62.1	10.35	79.2	11.88
	25	34.5	8.43	47.7	9.39	59.4	10.62	62.7	11.25	66.3	11.91	70.8	12.60	86.1	14.22
	27	39.6	9.03	53.4	10.56	66.0	12.51	70.2	13.47	75.0	14.52	79.8	15.57	93.0	17.34
	29	44.7	10.05	59.1	12.30	72.9	15.12	78.0	16.47	83.4	17.97	88.8	19.23	100.2	20.88
	31	50.1	11.70	64.8	14.79	79.8	18.36	85.5	19.80	91.8	21.33	97.8	22.92	107.1	24.66
	33	55.2	13.95	70.8	17.55	86.7	21.51	93.3	23.31	100.2	25.41	106.8	27.39	114.0	29.49
	35	60.6	16.23	76.5	20.34	93.6	25.17	100.8	27.57	108.6	30.09	115.8	32.46	121.2	34.53
	37	60.6	17.25	76.5	21.75	93.6	27.06	100.8	29.58	108.6	32.22	115.8	34.95	121.2	36.87
	39	60.6	18.51	76.5	23.28	93.6	29.04	100.8	31.68	108.6	34.71	115.8	37.29	121.2	39.60
	41	60.6	19.86	76.5	25.08	93.6	31.11	100.8	33.87	108.6	37.08	115.8	40.05	121.2	42.48
	43	60.6	21.30	76.5	26.73	93.6	33.27	100.8	36.45	108.6	39.81	115.8	43.26	121.2	45.81
	46	60.6	23.79	76.5	29.85	93.6	37.14	96.3	38.22	96.3	38.22	96.3	38.22	96.3	38.22
	48	60.6	25.44	76.5	31.98	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91
50	10	17.7	8.13	27.9	8.13	35.1	8.13	36.3	8.13	37.8	8.13	40.5	8.13	57.3	8.25
	12	17.7	8.13	27.9	8.13	35.1	8.13	36.3	8.13	37.8	8.13	40.5	8.13	57.3	8.34
	14	17.7	8.13	27.9	8.13	35.1	8.13	36.3	8.13	37.8	8.13	40.5	8.13	57.3	8.34
	16	17.7	8.13	27.9	8.13	35.1	8.13	36.3	8.13	37.8	8.13	40.5	8.13	57.3	8.46
	18	17.7	8.13	27.9	8.13	35.1	8.13	36.3	8.13	37.8	8.13	40.5	8.13	57.3	8.55
	20	17.7	8.13	27.9	8.13	35.1	8.13	36.3	8.13	37.8	8.13	40.5	8.13	57.3	8.67
	21	20.1	8.04	30.3	8.13	38.1	8.25	39.6	8.31	41.4	8.40	44.1	8.46	60.0	9.03
	23	24.3	7.89	35.1	8.25	43.8	8.70	45.9	8.94	48.3	9.21	51.6	9.45	66.0	10.05
	25	28.8	7.95	39.9	8.61	49.5	9.51	52.2	9.93	55.2	10.38	59.1	10.86	71.7	11.67
	27	33.0	8.22	44.7	9.30	55.2	10.74	58.5	11.37	62.4	12.15	66.6	12.87	77.7	13.89
	29	37.5	8.85	49.2	10.53	60.9	12.57	65.1	13.50	69.3	14.61	74.1	15.75	83.4	16.77
	31	41.7	9.93	54.0	12.24	66.6	15.03	71.4	16.44	76.5	17.67	81.6	18.90	89.4	20.04
	33	46.2	11.61	58.8	14.82	72.3	17.76	77.7	19.17	83.4	20.85	88.8	22.20	95.1	23.46
	35	50.4	13.74	63.6	16.89	78.0	20.61	84.0	22.32	90.6	24.36	96.3	26.19	100.8	27.57
	37	50.4	14.79	63.6	18.15	78.0	22.26	84.0	24.06	90.6	26.19	96.3	27.90	100.8	29.58
	39	50.4	15.75	63.6	19.47	78.0	23.79	84.0	25.68	90.6	27.90	96.3	29.94	100.8	31.68
	41	50.4	16.95	63.6	20.85	78.0	25.38	84.0	27.60	90.6	29.94	96.3	32.31	100.8	33.90
	43	50.4	18.24	63.6	22.35	78.0	27.30	84.0	29.61	90.6	32.07	96.3	34.53	100.8	36.45
	46	50.4	20.10	63.6	24.93	78.0	30.45	84.0	32.94	90.6	35.82	96.3	38.22	96.3	38.22
	48	50.4	21.81	63.6	26.58	78.0	32.61	78.3	32.91	78.3	32.91	78.3	32.91	78.3	32.91

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM620LTE5

Cooling Capacity (62HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	47.9	8.62	74.8	9.87	94.4	11.51	97.8	11.79	101.3	12.12	108.7	12.85	153.6	17.73
	12	47.9	8.62	74.8	9.93	94.4	11.67	97.8	11.93	101.3	12.31	108.7	13.04	153.6	18.04
	14	47.9	8.62	74.8	10.05	94.4	11.79	97.8	12.12	101.3	12.46	108.7	13.24	153.6	18.34
	16	47.9	8.62	74.8	10.17	94.4	11.93	97.8	12.26	101.3	12.59	108.7	13.38	153.6	18.66
	18	47.9	8.62	74.8	10.31	94.4	12.08	97.8	12.46	101.3	12.80	108.7	13.54	153.6	19.02
	20	47.9	8.62	74.8	10.39	94.4	12.26	97.8	12.59	101.3	12.99	108.7	13.80	153.6	19.34
	21	53.7	9.53	81.2	11.87	101.9	14.52	106.4	15.23	111.0	16.07	118.8	17.28	161.6	22.84
	23	65.3	11.80	94.0	15.53	117.4	19.81	123.4	21.36	129.8	23.18	138.9	25.36	177.2	31.27
	25	77.0	14.88	106.9	20.03	132.7	26.09	140.5	28.64	148.8	31.60	158.7	34.91	192.2	41.68
	27	88.8	18.59	119.8	25.24	147.9	33.38	157.5	37.17	167.6	41.63	178.8	46.52	206.4	53.39
	29	100.3	22.97	132.7	31.26	163.3	42.06	174.6	47.37	186.6	53.75	196.9	59.00	219.0	65.62
	31	112.1	27.77	145.3	38.28	178.7	52.40	191.6	59.48	201.4	64.87	210.4	69.85	225.6	74.71
	33	123.8	33.42	158.1	46.48	193.3	63.73	202.5	68.78	211.2	73.85	216.1	76.44	225.0	80.01
	35	135.4	39.94	171.1	55.63	200.5	71.31	207.2	75.36	212.3	78.42	214.0	79.54	214.0	79.54
	37	135.4	42.91	169.3	59.06	187.3	68.60	191.2	70.97	191.2	70.97	191.2	70.97	191.2	70.97
	39	135.4	46.15	161.7	58.99	169.3	63.03	169.3	63.03	169.3	63.03	169.3	63.03	169.3	63.03
	41	132.8	48.14	147.6	55.23	148.1	55.50	148.1	55.50	148.1	55.50	148.1	55.50	148.1	55.50
	43	123.8	46.88	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82
	46	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50
	48	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96
120	10	44.0	8.62	69.1	9.40	87.2	10.90	90.3	11.17	93.6	11.43	100.3	12.08	142.0	16.33
	12	44.0	8.62	69.1	9.47	87.2	11.02	90.3	11.29	93.6	11.56	100.3	12.20	142.0	16.57
	14	44.0	8.62	69.1	9.61	87.2	11.17	90.3	11.43	93.6	11.71	100.3	12.36	142.0	16.87
	16	44.0	8.62	69.1	9.64	87.2	11.29	90.3	11.51	93.6	11.89	100.3	12.54	142.0	17.20
	18	44.0	8.62	69.1	9.76	87.2	11.39	90.3	11.67	93.6	11.99	100.3	12.69	142.0	17.44
	20	44.0	8.62	69.1	9.87	87.2	11.51	90.3	11.85	93.6	12.16	100.3	12.89	142.0	17.81
	21	49.6	9.34	75.0	11.12	94.1	13.43	98.2	14.11	102.3	14.80	109.6	15.86	149.2	20.76
	23	60.4	11.23	86.8	14.27	108.4	18.06	113.8	19.40	119.8	20.94	128.1	22.69	163.7	27.70
	25	71.1	13.80	98.6	18.21	122.5	23.50	129.6	25.66	137.3	28.18	146.7	30.92	178.1	36.58
	27	81.8	17.12	110.5	22.85	136.6	29.83	145.3	32.95	154.6	36.62	165.2	40.46	192.6	47.33
	29	92.6	20.97	122.4	28.14	150.8	37.18	161.2	41.57	172.1	46.73	183.5	52.16	207.1	59.96
	31	103.4	25.28	134.3	34.22	164.9	46.09	176.8	51.83	189.7	58.87	199.1	63.70	215.3	69.21
	33	114.3	30.25	146.1	41.41	179.2	56.23	192.2	63.39	201.3	68.20	209.9	73.20	218.2	76.11
	35	125.0	36.01	158.0	49.40	190.6	65.94	199.9	71.01	206.9	75.21	211.1	77.63	214.0	79.54
	37	125.0	38.58	158.0	53.24	182.6	66.12	187.0	68.46	191.2	70.97	191.2	70.97	191.2	70.97
	39	125.0	41.48	153.8	54.95	168.1	62.32	169.3	63.03	169.3	63.03	169.3	63.03	169.3	63.03
	41	125.0	44.44	143.8	53.29	148.1	55.50	148.1	55.50	148.1	55.50	148.1	55.50	148.1	55.50
	43	119.6	45.00	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82
	46	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50
	48	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96
110	10	40.3	8.62	63.2	9.02	80.0	10.31	82.7	10.51	85.8	10.76	92.0	11.29	130.0	15.04
	12	40.3	8.62	63.2	9.10	80.0	10.35	82.7	10.64	85.8	10.90	92.0	11.43	130.0	15.28
	14	40.3	8.62	63.2	9.10	80.0	10.47	82.7	10.76	85.8	11.02	92.0	11.56	130.0	15.50
	16	40.3	8.62	63.2	9.21	80.0	10.58	82.7	10.90	85.8	11.17	92.0	11.71	130.0	15.72
	18	40.3	8.62	63.2	9.28	80.0	10.72	82.7	11.02	85.8	11.29	92.0	11.85	130.0	16.04
	20	40.3	8.62	63.2	9.40	80.0	10.90	82.7	11.17	85.8	11.39	92.0	12.04	130.0	16.23
	21	45.4	9.19	68.7	10.41	86.4	12.51	89.9	13.05	93.9	13.62	100.6	14.55	136.6	18.73
	23	55.2	10.68	79.6	13.01	99.2	16.32	104.4	17.50	109.9	18.91	117.4	20.39	149.9	24.64
	25	65.1	12.81	90.5	16.42	112.2	21.03	118.8	22.90	125.9	25.02	134.4	27.26	163.2	31.83
	27	75.0	15.63	101.3	20.53	125.2	26.54	133.3	29.17	142.0	32.19	151.3	35.31	176.3	40.79
	29	84.9	19.04	112.2	25.15	138.1	32.83	147.7	36.43	157.9	40.58	168.4	44.87	189.7	51.25
	31	94.9	22.93	123.0	30.44	151.3	40.43	162.2	45.10	174.0	50.72	185.4	56.34	202.8	62.97
	33	104.8	27.25	133.9	36.67	164.2	49.09	176.7	55.11	190.0	62.23	198.1	66.59	208.8	70.91
	35	114.7	32.28	144.7	43.79	177.1	58.82	189.2	65.26	198.4	70.25	205.3	74.24	208.3	75.96
	37	114.7	34.60	144.7	46.97	172.9	60.89	181.4	65.53	186.3	68.04	190.1	70.34	191.2	70.97
	39	114.7	37.10	144.7	50.54	163.4	59.77	167.4	61.91	169.3	63.03	169.3	63.03	169.3	63.03
	41	114.7	39.80	138.5	50.81	148.1	55.50	148.1	55.50	148.1	55.50	148.1	55.50	148.1	55.50
	43	113.3	42.05	126.5	48.09	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82
	46	98.4	39.38	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50
	48	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96

7. Capacity Tables

Cooling Capacity (62HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	36.8	8.62	57.4	8.70	72.7	9.64	75.3	9.87	78.0	10.13	83.7	10.58	118.2	13.80
	12	36.8	8.62	57.4	8.78	72.7	9.76	75.3	10.01	78.0	10.21	83.7	10.68	118.2	13.99
	14	36.8	8.62	57.4	8.78	72.7	9.87	75.3	10.09	78.0	10.31	83.7	10.80	118.2	14.14
	16	36.8	8.62	57.4	8.85	72.7	10.01	75.3	10.17	78.0	10.43	83.7	10.90	118.2	14.41
	18	36.8	8.62	57.4	8.95	72.7	10.05	75.3	10.31	78.0	10.54	83.7	11.02	118.2	14.63
	20	36.8	8.62	57.4	8.95	72.7	10.17	75.3	10.43	78.0	10.64	83.7	11.21	118.2	14.84
	21	41.3	9.02	62.4	9.75	78.5	11.46	81.7	11.98	85.3	12.47	91.4	13.31	124.2	16.92
	23	50.2	10.17	72.3	11.90	90.3	14.74	95.0	15.78	99.8	16.91	106.8	18.22	136.4	21.87
	25	59.3	11.86	82.2	14.79	102.1	18.75	108.1	20.37	114.3	22.16	122.1	24.01	148.4	27.77
	27	68.2	14.19	92.0	18.36	113.8	23.51	121.1	25.72	129.0	28.21	137.5	30.83	160.3	34.99
	29	77.1	17.20	101.9	22.38	125.6	28.88	134.3	31.83	143.6	35.31	153.0	38.69	172.5	43.70
	31	86.2	20.69	111.8	27.04	137.4	35.21	147.3	39.05	158.1	43.52	168.4	48.11	184.5	53.56
	33	95.1	24.42	121.8	32.33	149.2	42.65	160.6	47.51	172.6	53.35	183.9	58.96	196.1	64.18
	35	104.3	28.79	131.7	38.37	161.0	50.82	173.6	56.88	186.9	64.08	194.3	67.88	200.1	71.26
	37	104.3	30.90	131.7	41.33	161.0	54.75	170.8	59.84	179.1	64.16	184.3	67.05	187.1	68.58
	39	104.3	33.14	131.7	44.29	155.6	55.84	162.4	59.26	166.3	61.35	169.3	63.03	169.3	63.03
	41	104.3	35.44	130.5	47.00	144.6	53.68	148.1	55.50	148.1	55.50	148.1	55.50	148.1	55.50
	43	104.3	38.09	122.7	46.31	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82
	46	95.4	38.06	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50
	48	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96
90	10	33.1	8.62	51.7	8.62	65.3	9.10	67.7	9.32	70.2	9.51	75.4	9.87	106.4	12.59
	12	33.1	8.62	51.7	8.62	65.3	9.21	67.7	9.40	70.2	9.61	75.4	10.01	106.4	12.80
	14	33.1	8.62	51.7	8.62	65.3	9.28	67.7	9.47	70.2	9.64	75.4	10.09	106.4	12.95
	16	33.1	8.62	51.7	8.62	65.3	9.36	67.7	9.51	70.2	9.76	75.4	10.17	106.4	13.08
	18	33.1	8.62	51.7	8.62	65.3	9.47	67.7	9.64	70.2	9.87	75.4	10.31	106.4	13.38
	20	33.1	8.62	51.7	8.66	65.3	9.51	67.7	9.76	70.2	9.97	75.4	10.43	106.4	13.54
	21	37.2	8.91	56.2	9.28	70.7	10.53	73.5	10.97	76.9	11.43	82.2	12.10	111.8	15.20
	23	45.3	9.74	65.1	10.90	81.2	13.16	85.4	14.08	89.9	15.06	96.1	16.17	122.6	19.24
	25	53.3	11.02	74.0	13.19	91.9	16.57	97.2	17.96	102.9	19.48	110.0	21.08	133.5	24.19
	27	61.4	12.85	82.8	16.25	102.4	20.66	109.1	22.53	116.1	24.62	123.9	26.67	144.3	29.96
	29	69.6	15.44	91.8	19.81	113.1	25.31	120.9	27.70	129.2	30.49	137.8	33.21	155.2	36.98
	31	77.5	18.50	100.7	23.79	123.6	30.51	132.7	33.69	142.2	37.32	151.5	40.82	166.0	45.21
	33	85.7	21.81	109.5	28.44	134.3	36.89	144.5	40.83	155.4	45.33	165.4	49.81	176.9	54.24
	35	93.9	25.45	118.4	33.57	144.8	43.79	156.2	48.64	168.4	54.39	179.3	59.98	187.3	64.22
	37	93.9	27.34	118.4	36.02	144.8	46.97	156.2	52.31	167.6	58.30	174.3	61.67	179.5	64.41
	39	93.9	29.36	118.4	38.67	144.8	50.57	152.8	54.35	160.2	58.19	164.1	60.15	166.5	61.37
	41	93.9	31.44	118.4	41.48	138.6	50.82	143.3	53.05	146.8	54.83	148.1	55.50	148.1	55.50
	43	93.9	33.77	115.6	43.15	126.6	48.09	127.9	48.82	127.9	48.82	127.9	48.82	127.9	48.82
	46	90.5	36.03	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50
	48	80.3	33.86	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96
80	10	29.4	8.62	46.0	8.62	58.0	8.70	60.3	8.85	62.4	8.95	67.0	9.21	94.6	11.51
	12	29.4	8.62	46.0	8.62	58.0	8.78	60.3	8.85	62.4	9.02	67.0	9.32	94.6	11.67
	14	29.4	8.62	46.0	8.62	58.0	8.85	60.3	8.95	62.4	9.10	67.0	9.40	94.6	11.79
	16	29.4	8.62	46.0	8.62	58.0	8.85	60.3	9.02	62.4	9.14	67.0	9.51	94.6	11.93
	18	29.4	8.62	46.0	8.62	58.0	8.95	60.3	9.10	62.4	9.21	67.0	9.61	94.6	12.12
	20	29.4	8.62	46.0	8.62	58.0	9.02	60.3	9.14	62.4	9.28	67.0	9.68	94.6	12.26
	21	33.0	8.78	50.0	9.06	62.9	9.78	65.5	10.07	68.2	10.40	73.0	10.98	99.4	13.55
	23	40.3	9.33	57.9	10.25	72.3	11.73	75.9	12.45	80.0	13.30	85.4	14.22	109.1	16.83
	25	47.5	10.23	65.7	11.95	81.6	14.50	86.4	15.65	91.5	16.97	97.7	18.30	118.8	20.88
	27	54.6	11.63	73.8	14.33	91.0	17.94	97.0	19.48	103.2	21.22	110.1	22.92	128.3	25.63
	29	61.8	13.66	81.6	17.42	100.6	21.92	107.5	23.91	114.7	26.13	122.4	28.29	138.0	31.22
	31	68.8	16.35	89.5	20.88	110.0	26.31	117.8	28.92	126.5	31.79	134.8	34.53	147.7	38.00
	33	76.1	19.27	97.3	24.67	119.4	31.57	128.5	34.73	138.0	38.36	147.1	41.95	157.2	45.34
	35	83.3	22.46	105.4	29.09	128.7	37.43	138.9	41.41	149.8	45.83	159.3	50.14	166.9	53.61
	37	83.3	24.10	105.4	31.21	128.7	40.17	138.9	44.36	149.8	49.28	159.3	53.94	166.7	57.82
	39	83.3	25.76	105.4	33.47	128.7	43.17	138.9	47.68	148.8	52.49	154.7	55.33	159.3	57.67
	41	83.3	27.65	105.4	36.00	128.7	46.20	134.9	49.01	141.4	52.09	144.2	53.43	146.4	54.57
	43	83.3	29.70	105.4	38.58	121.9	45.97	124.8	47.35	127.9	48.82	127.9	48.82	127.9	48.82
	46	83.3	32.99	95.7	38.17	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50
	48	77.3	32.63	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96

7. Capacity Tables

Cooling Capacity (62HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	25.8	8.62	40.3	8.62	50.8	8.62	52.7	8.62	54.6	8.62	58.5	8.78	82.7	10.51
	12	25.8	8.62	40.3	8.62	50.8	8.62	52.7	8.62	54.6	8.62	58.5	8.78	82.7	10.64
	14	25.8	8.62	40.3	8.62	50.8	8.62	52.7	8.62	54.6	8.66	58.5	8.85	82.7	10.76
	16	25.8	8.62	40.3	8.62	50.8	8.62	52.7	8.62	54.6	8.70	58.5	8.95	82.7	10.90
	18	25.8	8.62	40.3	8.62	50.8	8.62	52.7	8.66	54.6	8.78	58.5	8.95	82.7	11.02
	20	25.8	8.62	40.3	8.62	50.8	8.62	52.7	8.70	54.6	8.78	58.5	9.02	82.7	11.17
	21	28.9	8.69	43.8	8.87	54.9	9.15	57.3	9.38	59.8	9.60	64.0	9.96	86.9	12.09
	23	35.1	8.96	50.6	9.66	63.1	10.62	66.5	11.10	69.8	11.75	74.8	12.43	95.5	14.50
	25	41.4	9.56	57.5	10.87	71.3	12.65	75.6	13.57	80.0	14.55	85.6	15.65	103.8	17.79
	27	47.7	10.52	64.5	12.64	79.6	15.41	84.8	16.73	90.3	18.11	96.3	19.51	112.2	21.73
	29	54.1	12.07	71.3	15.17	87.9	18.80	94.0	20.45	100.4	22.27	107.0	23.95	120.7	26.20
	31	60.4	14.26	78.4	18.18	96.1	22.58	103.3	24.52	110.6	26.81	117.8	28.98	129.2	31.52
	33	66.6	16.97	85.2	21.42	104.4	26.79	112.2	29.24	120.9	32.16	128.7	34.89	137.5	37.64
	35	72.9	19.58	92.0	24.99	112.7	31.68	121.5	34.73	131.1	38.32	139.5	41.45	146.1	44.27
	37	72.9	21.00	92.0	26.84	112.7	33.95	121.5	37.23	131.1	41.00	139.5	44.68	146.1	47.61
	39	72.9	22.41	92.0	28.77	112.7	36.40	121.5	39.96	131.1	44.04	139.5	47.94	146.1	51.11
	41	72.9	24.08	92.0	30.83	112.7	39.09	121.5	43.02	130.1	46.86	135.3	49.23	139.3	51.09
	43	72.9	25.90	92.0	33.12	112.1	41.60	117.5	43.97	122.5	46.30	125.0	47.36	126.9	48.32
	46	72.9	28.80	89.4	35.61	97.8	39.15	98.7	39.50	98.7	39.50	98.7	39.50	98.7	39.50
	48	71.7	30.34	79.8	33.66	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96
60	10	22.1	8.62	34.5	8.62	43.5	8.62	45.1	8.62	46.9	8.62	50.2	8.62	70.9	9.51
	12	22.1	8.62	34.5	8.62	43.5	8.62	45.1	8.62	46.9	8.62	50.2	8.62	70.9	9.64
	14	22.1	8.62	34.5	8.62	43.5	8.62	45.1	8.62	46.9	8.62	50.2	8.62	70.9	9.76
	16	22.1	8.62	34.5	8.62	43.5	8.62	45.1	8.62	46.9	8.62	50.2	8.62	70.9	9.80
	18	22.1	8.62	34.5	8.62	43.5	8.62	45.1	8.62	46.9	8.62	50.2	8.62	70.9	9.93
	20	22.1	8.62	34.5	8.62	43.5	8.62	45.1	8.62	46.9	8.62	50.2	8.62	70.9	10.05
	21	24.8	8.60	37.6	8.74	47.1	8.93	49.0	9.02	51.2	9.15	54.8	9.26	74.4	10.69
	23	30.1	8.64	43.4	9.18	54.2	9.87	56.9	10.17	59.9	10.57	64.1	10.92	81.7	12.39
	25	35.6	8.94	49.2	9.93	61.4	11.22	64.7	11.86	68.6	12.56	73.3	13.29	88.9	14.86
	27	40.9	9.54	55.2	11.15	68.2	13.20	72.7	14.19	77.5	15.29	82.6	16.38	96.1	18.04
	29	46.4	10.62	61.1	12.97	75.4	15.92	80.6	17.20	86.2	18.63	91.9	20.06	103.4	21.76
	31	51.7	12.26	67.1	15.49	82.5	19.10	88.4	20.69	94.9	22.38	101.1	24.04	110.6	25.85
	33	57.2	14.59	73.0	18.35	89.5	22.49	96.3	24.42	103.5	26.59	110.2	28.67	117.8	30.78
	35	62.6	16.95	79.0	21.25	96.6	26.38	104.2	28.79	112.2	31.49	119.5	34.01	125.1	36.03
	37	62.6	18.09	79.0	22.75	96.6	28.31	104.2	30.90	112.2	33.73	119.5	36.44	125.1	38.60
	39	62.6	19.35	79.0	24.42	96.6	30.31	104.2	33.14	112.2	36.27	119.5	39.04	125.1	41.49
	41	62.6	20.85	79.0	26.23	96.6	32.50	104.2	35.44	112.2	38.87	119.5	41.97	125.1	44.57
	43	62.6	22.28	79.0	28.09	96.6	34.90	104.2	38.09	111.8	41.49	116.3	43.49	119.7	45.01
	46	62.6	24.86	79.0	31.13	92.2	36.77	95.3	38.06	97.7	39.05	98.7	39.50	98.7	39.50
	48	62.6	26.67	75.4	31.83	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96	80.5	33.96
50	10	18.4	8.62	28.8	8.62	36.2	8.62	37.6	8.62	38.9	8.62	41.8	8.62	59.1	8.78
	12	18.4	8.62	28.8	8.62	36.2	8.62	37.6	8.62	38.9	8.62	41.8	8.62	59.1	8.85
	14	18.4	8.62	28.8	8.62	36.2	8.62	37.6	8.62	38.9	8.62	41.8	8.62	59.1	8.85
	16	18.4	8.62	28.8	8.62	36.2	8.62	37.6	8.62	38.9	8.62	41.8	8.62	59.1	8.95
	18	18.4	8.62	28.8	8.62	36.2	8.62	37.6	8.62	38.9	8.62	41.8	8.62	59.1	9.02
	20	18.4	8.62	28.8	8.62	36.2	8.62	37.6	8.62	38.9	8.62	41.8	8.62	59.1	9.10
	21	20.7	8.52	31.2	8.61	39.3	8.74	40.9	8.82	42.8	8.91	45.6	8.97	62.0	9.47
	23	25.2	8.39	36.2	8.74	45.1	9.22	47.5	9.46	50.0	9.72	53.3	9.98	68.2	10.55
	25	29.6	8.43	41.2	9.13	51.1	10.05	54.1	10.48	57.2	10.96	61.0	11.45	74.2	12.24
	27	34.1	8.71	46.1	9.85	56.9	11.30	60.5	12.00	64.5	12.80	68.8	13.56	80.2	14.55
	29	38.7	9.35	51.0	11.05	62.9	13.22	67.2	14.20	71.7	15.40	76.5	16.45	86.2	17.49
	31	43.0	10.45	55.8	12.88	68.7	15.77	73.8	17.07	79.0	18.43	84.2	19.75	92.4	20.94
	33	47.6	12.20	60.9	15.39	74.6	18.62	80.2	20.13	86.3	21.73	91.9	23.22	98.2	24.60
	35	52.1	14.40	65.7	17.67	80.6	21.62	86.8	23.38	93.6	25.45	99.6	27.33	104.3	28.80
	37	52.1	15.41	65.7	18.96	80.6	23.21	86.8	25.13	93.6	27.32	99.6	29.21	104.3	30.90
	39	52.1	16.55	65.7	20.38	80.6	24.90	86.8	26.92	93.6	29.20	99.6	31.44	104.3	33.14
	41	52.1	17.76	65.7	21.85	80.6	26.67	86.8	28.94	93.6	31.33	99.6	33.69	104.3	35.58
	43	52.1	19.11	65.7	23.40	80.6	28.62	86.8	30.98	93.6	33.61	99.6	36.14	104.3	38.20
	46	52.1	21.17	65.7	26.04	80.6	31.86	86.2	34.26	90.4	36.01	94.0	37.53	95.4	38.07
	48	52.1	22.80	65.7	27.91	76.4	32.23	78.3	33.04	80.3	33.86	80.5	33.96	80.5	33.96

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM640LTE5

Cooling Capacity (64HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	49.4	8.58	77.2	10.06	97.4	11.80	101.0	12.08	104.6	12.42	112.2	13.16	158.6	18.32
	12	49.4	8.58	77.2	10.12	97.4	11.96	101.0	12.22	104.6	12.66	112.2	13.40	158.6	18.68
	14	49.4	8.58	77.2	10.24	97.4	12.08	101.0	12.42	104.6	12.80	112.2	13.60	158.6	18.94
	16	49.4	8.58	77.2	10.36	97.4	12.22	101.0	12.56	104.6	12.94	112.2	13.74	158.6	19.32
	18	49.4	8.58	77.2	10.50	97.4	12.38	101.0	12.80	104.6	13.16	112.2	13.90	158.6	19.68
	20	49.4	8.58	77.2	10.62	97.4	12.56	101.0	12.94	104.6	13.30	112.2	14.22	158.6	20.06
	21	55.4	9.58	83.8	12.22	105.2	15.00	109.8	15.78	114.6	16.60	122.6	17.94	166.8	23.82
	23	67.4	12.06	97.0	16.16	121.2	20.64	127.4	22.28	134.0	24.24	143.4	26.60	183.0	32.86
	25	79.4	15.40	110.4	20.92	137.0	27.32	145.0	30.08	153.6	33.26	163.8	36.84	198.4	44.22
	27	91.6	19.42	123.6	26.44	152.6	35.16	162.6	39.24	173.0	44.02	184.6	49.36	213.2	57.16
	29	103.6	23.94	137.0	32.88	168.6	44.38	180.2	50.18	192.6	57.06	203.4	63.08	225.8	70.10
	31	115.8	29.08	150.0	40.32	184.4	55.58	197.8	63.22	208.0	69.42	217.4	75.38	231.2	79.34
	33	127.8	35.06	163.2	49.00	199.6	67.70	209.2	73.60	217.2	78.92	218.2	79.12	224.2	80.66
	35	139.8	42.02	176.6	58.72	207.2	76.36	211.2	79.18	211.2	79.18	211.2	79.18	211.2	79.18
	37	139.8	45.18	174.8	62.56	188.6	70.62	188.6	70.62	188.6	70.62	188.6	70.62	188.6	70.62
	39	139.8	48.54	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70
	41	137.2	50.78	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18
	43	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52
	46	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88
120	10	45.4	8.58	71.4	9.58	90.0	11.14	93.2	11.42	96.6	11.68	103.6	12.38	146.6	16.84
	12	45.4	8.58	71.4	9.62	90.0	11.26	93.2	11.54	96.6	11.80	103.6	12.50	146.6	17.08
	14	45.4	8.58	71.4	9.76	90.0	11.42	93.2	11.68	96.6	11.96	103.6	12.66	146.6	17.44
	16	45.4	8.58	71.4	9.82	90.0	11.54	93.2	11.80	96.6	12.14	103.6	12.84	146.6	17.78
	18	45.4	8.58	71.4	9.94	90.0	11.68	93.2	11.96	96.6	12.28	103.6	13.00	146.6	18.02
	20	45.4	8.58	71.4	10.06	90.0	11.80	93.2	12.14	96.6	12.50	103.6	13.24	146.6	18.40
	21	51.2	9.38	77.4	11.42	97.2	13.88	101.4	14.58	105.6	15.34	113.2	16.42	154.0	21.56
	23	62.4	11.46	89.6	14.82	111.8	18.84	117.4	20.22	123.6	21.84	132.2	23.72	169.0	29.04
	25	73.4	14.24	101.8	19.06	126.4	24.56	133.8	26.88	141.8	29.62	151.4	32.52	183.8	38.52
	27	84.4	17.84	114.0	23.86	141.0	31.34	150.0	34.70	159.6	38.64	170.6	42.78	198.8	50.38
	29	95.6	21.82	126.4	29.50	155.6	39.14	166.4	43.88	177.6	49.44	189.4	55.32	213.8	63.88
	31	106.8	26.36	138.6	35.98	170.2	48.76	182.6	54.98	195.8	62.58	205.6	68.12	222.4	74.32
	33	118.0	31.66	150.8	43.66	185.0	59.58	198.4	67.34	208.0	72.98	217.0	78.90	222.6	80.22
	35	129.0	37.80	163.0	52.06	196.8	70.06	206.6	76.02	211.2	79.18	211.2	79.18	211.2	79.18
	37	129.0	40.46	163.0	56.16	188.6	70.62	188.6	70.62	188.6	70.62	188.6	70.62	188.6	70.62
	39	129.0	43.54	158.8	58.26	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70
	41	129.0	46.70	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18
	43	123.6	47.50	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52
	46	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88
110	10	41.6	8.58	65.2	9.12	82.6	10.50	85.4	10.74	88.6	11.00	95.0	11.54	134.2	15.48
	12	41.6	8.58	65.2	9.24	82.6	10.58	85.4	10.88	88.6	11.14	95.0	11.68	134.2	15.72
	14	41.6	8.58	65.2	9.24	82.6	10.70	85.4	11.00	88.6	11.26	95.0	11.80	134.2	16.00
	16	41.6	8.58	65.2	9.36	82.6	10.82	85.4	11.14	88.6	11.42	95.0	11.96	134.2	16.22
	18	41.6	8.58	65.2	9.46	82.6	10.96	85.4	11.26	88.6	11.54	95.0	12.14	134.2	16.54
	20	41.6	8.58	65.2	9.58	82.6	11.14	85.4	11.42	88.6	11.68	95.0	12.38	134.2	16.74
	21	46.8	9.22	71.0	10.68	89.2	12.88	92.8	13.46	97.0	14.08	103.8	15.08	141.0	19.42
	23	57.0	10.86	82.2	13.50	102.4	17.00	107.8	18.22	113.4	19.70	121.2	21.26	154.8	25.72
	25	67.2	13.18	93.4	17.16	115.8	21.94	122.6	23.94	130.0	26.22	138.8	28.60	168.4	33.44
	27	77.4	16.26	104.6	21.46	129.2	27.80	137.6	30.62	146.6	33.88	156.2	37.22	182.0	43.14
	29	87.6	19.88	115.8	26.36	142.6	34.52	152.4	38.36	163.0	42.84	173.8	47.50	195.8	54.42
	31	98.0	23.88	127.0	31.96	156.2	42.62	167.4	47.62	179.6	53.72	191.4	59.86	209.4	66.96
	33	108.2	28.50	138.2	38.60	169.4	51.88	182.4	58.32	196.2	66.12	204.6	71.02	215.8	76.02
	35	118.4	33.80	149.4	46.08	182.8	62.24	195.4	69.22	205.0	75.08	211.2	79.18	211.2	79.18
	37	118.4	36.28	149.4	49.48	178.6	64.74	187.6	70.00	188.6	70.62	188.6	70.62	188.6	70.62
	39	118.4	38.86	149.4	53.28	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70
	41	118.4	41.74	143.2	53.82	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18
	43	117.0	44.18	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52
	46	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88

7. Capacity Tables

Cooling Capacity (64HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	38.0	8.58	59.2	8.66	75.0	9.82	77.8	10.06	80.6	10.32	86.4	10.82	122.0	14.22
	12	38.0	8.58	59.2	8.78	75.0	9.94	77.8	10.20	80.6	10.44	86.4	10.88	122.0	14.36
	14	38.0	8.58	59.2	8.78	75.0	10.06	77.8	10.32	80.6	10.50	86.4	11.00	122.0	14.52
	16	38.0	8.58	59.2	8.88	75.0	10.20	77.8	10.36	80.6	10.62	86.4	11.14	122.0	14.84
	18	38.0	8.58	59.2	9.02	75.0	10.24	77.8	10.50	80.6	10.74	86.4	11.26	122.0	15.06
	20	38.0	8.58	59.2	9.02	75.0	10.36	77.8	10.62	80.6	10.88	86.4	11.46	122.0	15.32
	21	42.6	9.04	64.4	9.90	81.0	11.76	84.4	12.30	88.0	12.86	94.4	13.72	128.2	17.58
	23	51.8	10.32	74.6	12.26	93.2	15.34	98.0	16.44	103.0	17.62	110.2	18.96	140.8	22.84
	25	61.2	12.18	84.8	15.40	105.4	19.62	111.6	21.30	118.0	23.16	126.0	25.12	153.2	29.12
	27	70.4	14.70	95.0	19.26	117.4	24.60	125.0	26.92	133.2	29.60	142.0	32.40	165.4	36.80
	29	79.6	17.94	105.2	23.36	129.6	30.28	138.6	33.42	148.2	37.18	158.0	40.76	178.0	46.28
	31	89.0	21.52	115.4	28.26	141.8	37.00	152.0	41.16	163.2	45.88	173.8	50.90	190.4	56.80
	33	98.2	25.46	125.8	33.96	154.0	45.02	165.8	50.14	178.2	56.48	189.8	62.60	202.4	68.16
	35	107.6	30.14	136.0	40.32	166.2	53.64	179.2	60.12	193.0	68.04	200.8	72.38	206.8	76.30
	37	107.6	32.32	136.0	43.38	166.2	57.82	176.4	63.40	185.2	68.50	188.6	70.62	188.6	70.62
	39	107.6	34.70	136.0	46.54	160.8	59.32	167.0	62.70	167.0	62.70	167.0	62.70	167.0	62.70
	41	107.6	37.08	134.8	49.56	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18
	43	107.6	39.90	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52
	46	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88
90	10	34.2	8.58	53.4	8.58	67.4	9.24	69.8	9.46	72.4	9.70	77.8	10.06	109.8	12.94
	12	34.2	8.58	53.4	8.58	67.4	9.36	69.8	9.58	72.4	9.76	77.8	10.20	109.8	13.16
	14	34.2	8.58	53.4	8.58	67.4	9.46	69.8	9.62	72.4	9.82	77.8	10.32	109.8	13.30
	16	34.2	8.58	53.4	8.58	67.4	9.50	69.8	9.70	72.4	9.94	77.8	10.36	109.8	13.44
	18	34.2	8.58	53.4	8.58	67.4	9.62	69.8	9.82	72.4	10.06	77.8	10.50	109.8	13.74
	20	34.2	8.58	53.4	8.62	67.4	9.70	69.8	9.94	72.4	10.20	77.8	10.62	109.8	13.90
	21	38.4	8.92	58.0	9.32	73.0	10.80	75.8	11.26	79.4	11.78	84.8	12.44	115.4	15.70
	23	46.8	9.86	67.2	11.10	83.8	13.62	88.2	14.62	92.8	15.66	99.2	16.86	126.6	20.10
	25	55.0	11.28	76.4	13.58	94.8	17.34	100.4	18.78	106.2	20.34	113.6	22.02	137.8	25.30
	27	63.4	13.26	85.4	16.92	105.8	21.62	112.6	23.56	119.8	25.76	127.8	27.98	149.0	31.46
	29	71.8	16.02	94.8	20.66	116.8	26.48	124.8	29.04	133.4	32.04	142.2	34.96	160.2	39.00
	31	80.0	19.32	104.0	24.84	127.6	32.02	137.0	35.42	146.8	39.32	156.4	43.00	171.4	47.82
	33	88.4	22.72	113.0	29.74	138.6	38.76	149.2	42.98	160.4	47.80	170.8	52.62	182.6	57.32
	35	97.0	26.56	122.2	35.20	149.4	46.08	161.2	51.28	173.8	57.44	185.0	63.54	193.4	68.08
	37	97.0	28.58	122.2	37.74	149.4	49.48	161.2	55.20	173.0	61.74	180.0	65.58	185.6	68.78
	39	97.0	30.66	122.2	40.56	149.4	53.32	157.8	57.52	165.6	61.86	167.0	62.70	167.0	62.70
	41	97.0	32.80	122.2	43.56	143.2	53.84	146.0	55.18	146.0	55.18	146.0	55.18	146.0	55.18
	43	97.0	35.28	119.4	45.34	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52
	46	93.6	37.74	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88
80	10	30.4	8.58	47.4	8.58	59.8	8.66	62.2	8.88	64.4	9.02	69.2	9.36	97.6	11.80
	12	30.4	8.58	47.4	8.58	59.8	8.78	62.2	8.88	64.4	9.12	69.2	9.46	97.6	11.96
	14	30.4	8.58	47.4	8.58	59.8	8.88	62.2	9.02	64.4	9.24	69.2	9.58	97.6	12.08
	16	30.4	8.58	47.4	8.58	59.8	8.88	62.2	9.12	64.4	9.28	69.2	9.70	97.6	12.22
	18	30.4	8.58	47.4	8.58	59.8	9.02	62.2	9.24	64.4	9.36	69.2	9.76	97.6	12.42
	20	30.4	8.58	47.4	8.58	59.8	9.12	62.2	9.28	64.4	9.46	69.2	9.86	97.6	12.56
	21	34.0	8.78	51.6	9.08	65.0	9.96	67.6	10.30	70.4	10.68	75.4	11.28	102.6	13.96
	23	41.6	9.42	59.8	10.40	74.6	12.08	78.4	12.90	82.6	13.78	88.2	14.76	112.6	17.50
	25	49.0	10.42	67.8	12.28	84.2	15.10	89.2	16.34	94.4	17.74	100.8	19.14	122.6	21.84
	27	56.4	11.96	76.2	14.84	94.0	18.84	100.2	20.40	106.6	22.20	113.6	23.98	132.4	26.84
	29	63.8	14.18	84.2	18.16	103.8	22.86	111.0	24.98	118.4	27.38	126.4	29.70	142.4	32.80
	31	71.0	17.02	92.4	21.72	113.6	27.52	121.6	30.32	130.6	33.40	139.2	36.30	152.4	40.06
	33	78.6	20.00	100.4	25.72	123.2	33.10	132.6	36.44	142.4	40.34	151.8	44.22	162.2	47.82
	35	86.0	23.42	108.8	30.44	132.8	39.26	143.4	43.54	154.6	48.28	164.4	52.84	172.2	56.62
	37	86.0	25.12	108.8	32.64	132.8	42.18	143.4	46.68	154.6	51.96	164.4	56.98	172.0	61.22
	39	86.0	26.82	108.8	35.04	132.8	45.38	143.4	50.14	153.6	55.42	159.8	58.58	164.6	61.30
	41	86.0	28.84	108.8	37.74	132.8	48.62	139.4	51.80	146.0	55.18	146.0	55.18	146.0	55.18
	43	86.0	30.94	108.8	40.40	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52	126.0	48.52
	46	86.0	34.40	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88

7. Capacity Tables

Cooling Capacity (64HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	26.6	8.58	41.6	8.58	52.4	8.58	54.4	8.58	56.4	8.58	60.4	8.78	85.4	10.74
	12	26.6	8.58	41.6	8.58	52.4	8.58	54.4	8.58	56.4	8.58	60.4	8.78	85.4	10.88
	14	26.6	8.58	41.6	8.58	52.4	8.58	54.4	8.58	56.4	8.62	60.4	8.88	85.4	11.00
	16	26.6	8.58	41.6	8.58	52.4	8.58	54.4	8.58	56.4	8.66	60.4	9.02	85.4	11.14
	18	26.6	8.58	41.6	8.58	52.4	8.58	54.4	8.62	56.4	8.78	60.4	9.02	85.4	11.26
	20	26.6	8.58	41.6	8.58	52.4	8.58	54.4	8.66	56.4	8.78	60.4	9.12	85.4	11.42
	21	29.8	8.68	45.2	8.88	56.6	9.18	59.2	9.42	61.8	9.68	66.0	10.16	89.8	12.42
	23	36.2	9.02	52.2	9.76	65.2	10.80	68.6	11.30	72.0	12.06	77.2	12.86	98.6	15.04
	25	42.8	9.70	59.4	11.12	73.6	13.02	78.0	14.02	82.6	15.08	88.4	16.32	107.2	18.60
	27	49.2	10.76	66.6	13.06	82.2	16.00	87.6	17.44	93.2	18.96	99.4	20.42	115.8	22.74
	29	55.8	12.46	73.6	15.78	90.8	19.62	97.0	21.34	103.6	23.24	110.4	25.04	124.6	27.42
	31	62.4	14.80	81.0	18.96	99.2	23.54	106.6	25.60	114.2	28.08	121.6	30.38	133.4	33.04
	33	68.8	17.60	88.0	22.26	107.8	28.04	115.8	30.56	124.8	33.72	132.8	36.68	142.0	39.56
	35	75.2	20.34	95.0	26.02	116.4	33.18	125.4	36.48	135.4	40.26	144.0	43.58	150.8	46.58
	37	75.2	21.80	95.0	28.00	116.4	35.60	125.4	39.06	135.4	43.04	144.0	47.02	150.8	50.22
	39	75.2	23.32	95.0	30.06	116.4	38.14	125.4	41.98	135.4	46.28	144.0	50.50	150.8	53.88
	41	75.2	25.04	95.0	32.18	116.4	41.00	125.4	45.14	134.4	49.32	139.8	52.04	144.0	54.12
	43	75.2	26.98	95.0	34.62	115.8	43.70	121.4	46.30	126.0	48.52	126.0	48.52	126.0	48.52
	46	75.2	29.96	92.4	37.30	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	74.0	31.62	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88
60	10	22.8	8.58	35.6	8.58	45.0	8.58	46.6	8.58	48.4	8.58	51.8	8.58	73.2	9.70
	12	22.8	8.58	35.6	8.58	45.0	8.58	46.6	8.58	48.4	8.58	51.8	8.58	73.2	9.82
	14	22.8	8.58	35.6	8.58	45.0	8.58	46.6	8.58	48.4	8.58	51.8	8.58	73.2	9.94
	16	22.8	8.58	35.6	8.58	45.0	8.58	46.6	8.58	48.4	8.58	51.8	8.58	73.2	9.98
	18	22.8	8.58	35.6	8.58	45.0	8.58	46.6	8.58	48.4	8.58	51.8	8.58	73.2	10.12
	20	22.8	8.58	35.6	8.58	45.0	8.58	46.6	8.58	48.4	8.58	51.8	8.58	73.2	10.24
	21	25.6	8.58	38.8	8.74	48.6	8.94	50.6	9.04	52.8	9.18	56.6	9.30	76.8	10.94
	23	31.0	8.68	44.8	9.26	56.0	10.00	58.8	10.32	61.8	10.74	66.2	11.12	84.4	12.82
	25	36.8	9.04	50.8	10.10	63.4	11.48	66.8	12.18	70.8	12.92	75.6	13.70	91.8	15.48
	27	42.2	9.72	57.0	11.44	70.4	13.64	75.0	14.70	80.0	15.88	85.2	17.04	99.2	18.90
	29	47.8	10.90	63.0	13.42	77.8	16.56	83.2	17.94	89.0	19.48	94.8	20.94	106.8	22.74
	31	53.4	12.70	69.2	16.12	85.2	19.90	91.2	21.52	98.0	23.26	104.4	25.08	114.2	27.00
	33	59.0	15.18	75.4	19.06	92.4	23.42	99.4	25.46	106.8	27.76	113.8	29.98	121.6	32.32
	35	64.6	17.58	81.6	22.12	99.8	27.52	107.6	30.14	115.8	32.98	123.4	35.66	129.2	37.82
	37	64.6	18.70	81.6	23.66	99.8	29.58	107.6	32.32	115.8	35.30	123.4	38.26	129.2	40.48
	39	64.6	20.06	81.6	25.38	99.8	31.72	107.6	34.70	115.8	38.00	123.4	40.94	129.2	43.56
	41	64.6	21.60	81.6	27.32	99.8	33.98	107.6	37.08	115.8	40.70	123.4	44.06	129.2	46.84
	43	64.6	23.14	81.6	29.22	99.8	36.44	107.6	39.90	115.4	43.50	120.2	45.80	123.8	47.50
	46	64.6	25.84	81.6	32.50	95.4	38.60	97.2	39.32	97.2	39.32	97.2	39.32	97.2	39.32
	48	64.6	27.70	78.0	33.26	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88
50	10	19.0	8.58	29.8	8.58	37.4	8.58	38.8	8.58	40.2	8.58	43.2	8.58	61.0	8.78
	12	19.0	8.58	29.8	8.58	37.4	8.58	38.8	8.58	40.2	8.58	43.2	8.58	61.0	8.88
	14	19.0	8.58	29.8	8.58	37.4	8.58	38.8	8.58	40.2	8.58	43.2	8.58	61.0	8.88
	16	19.0	8.58	29.8	8.58	37.4	8.58	38.8	8.58	40.2	8.58	43.2	8.58	61.0	9.02
	18	19.0	8.58	29.8	8.58	37.4	8.58	38.8	8.58	40.2	8.58	43.2	8.58	61.0	9.12
	20	19.0	8.58	29.8	8.58	37.4	8.58	38.8	8.58	40.2	8.58	43.2	8.58	61.0	9.24
	21	21.4	8.50	32.2	8.60	40.6	8.74	42.2	8.82	44.2	8.92	47.0	8.98	64.0	9.66
	23	26.0	8.40	37.4	8.78	46.6	9.30	49.0	9.56	51.6	9.84	55.0	10.12	70.4	10.84
	25	30.6	8.50	42.6	9.24	52.8	10.24	55.8	10.70	59.0	11.20	63.0	11.74	76.6	12.68
	27	35.2	8.84	47.6	10.04	58.8	11.62	62.4	12.34	66.6	13.20	71.0	14.02	82.8	15.18
	29	40.0	9.56	52.6	11.38	65.0	13.68	69.4	14.74	74.0	16.02	79.0	17.16	89.0	18.30
	31	44.4	10.78	57.6	13.34	71.0	16.42	76.2	17.82	81.6	19.20	87.0	20.54	95.4	21.82
	33	49.2	12.66	62.8	16.06	77.0	19.28	82.8	20.88	89.0	22.64	94.8	24.18	101.4	25.68
	35	53.8	14.90	67.8	18.32	83.2	22.50	89.6	24.36	96.6	26.56	102.8	28.56	107.6	30.14
	37	53.8	15.96	67.8	19.66	83.2	24.20	89.6	26.24	96.6	28.56	102.8	30.50	107.6	32.32
	39	53.8	17.08	67.8	21.18	83.2	25.94	89.6	28.08	96.6	30.50	102.8	32.80	107.6	34.70
	41	53.8	18.38	67.8	22.68	83.2	27.76	89.6	30.16	96.6	32.70	102.8	35.28	107.6	37.22
	43	53.8	19.76	67.8	24.28	83.2	29.84	89.6	32.34	96.6	35.12	102.8	37.80	107.6	40.00
	46	53.8	21.86	67.8	27.06	83.2	33.24	89.0	35.80	93.4	37.72	97.2	39.32	97.2	39.32
	48	53.8	23.60	67.8	28.96	79.0	33.68	79.2	33.88	79.2	33.88	79.2	33.88	79.2	33.88

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM660LTE5

Cooling Capacity (66HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	50.9	8.84	79.6	10.48	100.4	12.26	104.2	12.57	107.9	12.92	115.8	13.69	163.6	19.06
	12	50.9	8.84	79.6	10.53	100.4	12.44	104.2	12.71	107.9	13.15	115.8	13.93	163.6	19.42
	14	50.9	8.86	79.6	10.66	100.4	12.57	104.2	12.92	107.9	13.32	115.8	14.14	163.6	19.68
	16	50.9	8.86	79.6	10.78	100.4	12.71	104.2	13.05	107.9	13.47	115.8	14.28	163.6	20.07
	18	50.9	8.88	79.6	10.91	100.4	12.87	104.2	13.29	107.9	13.66	115.8	14.47	163.6	20.43
	20	50.9	8.90	79.6	11.04	100.4	13.05	104.2	13.47	107.9	13.83	115.8	14.76	163.6	20.86
	21	57.1	9.90	86.4	12.65	108.5	15.53	113.2	16.36	118.1	17.19	126.3	18.49	171.7	24.52
	23	69.6	12.40	100.0	16.64	125.0	21.28	131.4	22.93	138.2	24.93	147.3	27.02	187.6	33.10
	25	81.9	15.77	113.8	21.55	141.3	28.04	149.5	30.82	158.3	33.97	167.7	36.93	202.7	43.72
	27	94.4	19.96	127.4	27.16	157.4	35.99	167.7	40.04	177.8	44.45	188.0	48.76	217.2	56.46
	29	106.9	24.60	141.2	33.66	173.9	45.21	185.8	50.97	197.0	56.79	206.9	62.05	229.8	69.26
	31	119.4	29.83	154.7	41.15	190.1	56.44	204.0	64.06	213.7	69.91	223.0	75.88	237.1	79.88
	33	131.7	35.88	168.3	49.95	206.2	68.94	217.9	76.18	225.7	81.47	226.5	81.64	232.8	83.19
	35	144.2	42.91	182.1	59.77	218.4	80.61	223.4	84.19	223.3	84.18	223.3	84.18	223.3	84.18
	37	144.2	46.07	181.2	64.06	203.2	77.55	203.2	77.55	203.2	77.55	203.2	77.55	203.2	77.55
	39	144.2	49.43	177.1	66.70	180.0	68.60	180.0	68.60	180.0	68.60	180.0	68.60	180.0	68.60
	41	142.9	52.50	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19
	43	135.1	52.19	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59
	46	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35
	48	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28
120	10	46.9	8.84	73.6	9.97	92.8	11.59	96.1	11.87	99.6	12.16	106.9	12.87	151.1	17.51
	12	46.9	8.84	73.6	10.01	92.8	11.71	96.1	12.00	99.6	12.29	106.9	13.00	151.1	17.76
	14	46.9	8.84	73.6	10.15	92.8	11.87	96.1	12.13	99.6	12.44	106.9	13.18	151.1	18.12
	16	46.9	8.84	73.6	10.23	92.8	12.00	96.1	12.29	99.6	12.60	106.9	13.34	151.1	18.47
	18	46.9	8.84	73.6	10.35	92.8	12.13	96.1	12.44	99.6	12.77	106.9	13.50	151.1	18.71
	20	46.9	8.84	73.6	10.48	92.8	12.26	96.1	12.60	99.6	13.00	106.9	13.77	151.1	19.10
	21	52.8	9.64	79.8	11.84	100.3	14.36	104.6	15.08	108.9	15.89	116.8	17.01	158.8	22.31
	23	64.3	11.73	92.4	15.23	115.3	19.43	121.1	20.86	127.4	22.49	136.3	24.41	174.1	29.78
	25	75.7	14.53	105.0	19.60	130.4	25.24	138.0	27.59	146.2	30.36	156.1	33.25	188.9	38.88
	27	87.1	18.24	117.6	24.53	145.4	32.11	154.7	35.49	164.6	39.46	175.7	43.46	203.5	50.24
	29	98.6	22.43	130.3	30.24	160.4	39.97	171.6	44.73	183.2	50.23	194.3	55.43	217.8	63.11
	31	110.2	27.08	142.9	36.79	175.5	49.59	188.3	55.80	201.9	63.36	211.4	68.61	228.4	74.88
	33	121.7	32.42	155.5	44.52	190.7	60.52	204.8	68.43	216.7	75.56	225.5	81.45	231.2	82.76
	35	133.0	38.68	168.1	53.01	204.3	71.90	217.5	80.09	223.4	84.20	223.3	84.18	223.3	84.18
	37	133.0	41.34	168.1	57.10	200.0	75.23	203.2	77.55	203.2	77.55	203.2	77.55	203.2	77.55
	39	133.0	44.43	166.0	60.51	180.0	68.60	180.0	68.60	180.0	68.60	180.0	68.60	180.0	68.60
	41	133.0	47.64	156.8	59.76	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19
	43	130.3	49.89	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59
	46	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35
	48	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28
110	10	42.9	8.84	67.3	9.50	85.1	10.91	88.1	11.17	91.4	11.43	98.0	12.00	138.4	16.11
	12	42.9	8.84	67.3	9.60	85.1	11.02	88.1	11.30	91.4	11.59	98.0	12.16	138.4	16.34
	14	42.9	8.84	67.3	9.62	85.1	11.15	88.1	11.43	91.4	11.71	98.0	12.29	138.4	16.63
	16	42.9	8.84	67.3	9.74	85.1	11.27	88.1	11.56	91.4	11.87	98.0	12.44	138.4	16.85
	18	42.9	8.84	67.3	9.85	85.1	11.41	88.1	11.69	91.4	12.00	98.0	12.60	138.4	17.18
	20	42.9	8.84	67.3	9.97	85.1	11.56	88.1	11.87	91.4	12.13	98.0	12.87	138.4	17.41
	21	48.2	9.47	73.2	11.07	92.0	13.31	95.7	13.94	100.0	14.58	107.0	15.63	145.5	20.14
	23	58.8	11.12	84.8	13.89	105.6	17.53	111.2	18.80	116.9	20.30	125.0	21.88	159.7	26.51
	25	69.3	13.45	96.3	17.61	119.5	22.60	126.4	24.62	134.0	26.92	143.1	29.33	173.6	34.24
	27	79.8	16.58	107.9	22.09	133.3	28.52	141.9	31.38	151.1	34.67	161.1	38.03	187.7	43.77
	29	90.4	20.42	119.4	27.09	147.1	35.33	157.2	39.20	168.0	43.69	179.2	48.33	201.9	55.22
	31	101.0	24.53	131.0	32.78	161.0	43.44	172.6	48.45	185.2	54.56	197.3	60.70	215.5	67.54
	33	111.5	29.24	142.5	39.46	174.7	52.80	188.1	59.27	202.3	67.07	213.2	73.44	224.7	78.60
	35	122.1	34.67	154.1	47.04	188.5	63.24	202.4	70.80	215.4	78.78	223.5	84.21	223.3	84.18
	37	122.1	37.10	154.1	50.44	186.4	67.05	198.5	74.25	202.9	77.34	203.2	77.55	203.2	77.55
	39	122.1	39.68	154.1	54.24	178.5	67.58	180.0	68.60	180.0	68.60	180.0	68.60	180.0	68.60
	41	122.1	42.62	151.0	56.61	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19
	43	121.4	45.43	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59
	46	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35
	48	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28

7. Capacity Tables

Cooling Capacity (66HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	39.2	8.84	61.1	9.02	77.3	10.23	80.2	10.48	83.1	10.74	89.1	11.27	125.8	14.76
	12	39.2	8.84	61.1	9.14	77.3	10.35	80.2	10.61	83.1	10.86	89.1	11.33	125.8	14.94
	14	39.2	8.84	61.1	9.14	77.3	10.48	80.2	10.74	83.1	10.91	89.1	11.45	125.8	15.10
	16	39.2	8.84	61.1	9.24	77.3	10.61	80.2	10.78	83.1	11.04	89.1	11.59	125.8	15.43
	18	39.2	8.84	61.1	9.37	77.3	10.66	80.2	10.91	83.1	11.17	89.1	11.71	125.8	15.65
	20	39.2	8.84	61.1	9.40	77.3	10.78	80.2	11.04	83.1	11.33	89.1	11.89	125.8	15.91
	21	43.9	9.29	66.4	10.28	83.5	12.18	87.1	12.72	90.8	13.33	97.3	14.18	132.3	18.20
	23	53.4	10.58	76.9	12.62	96.1	15.76	101.0	16.93	106.2	18.17	113.6	19.56	145.2	23.55
	25	63.1	12.44	87.5	15.77	108.6	20.21	115.1	21.94	121.7	23.80	130.0	25.81	158.0	29.90
	27	72.6	14.99	98.0	19.77	121.1	25.29	129.0	27.62	137.3	30.34	146.5	33.16	170.6	37.55
	29	82.1	18.37	108.5	24.05	133.7	31.05	142.9	34.22	152.8	37.99	162.9	41.60	183.5	47.02
	31	91.8	22.17	119.1	28.98	146.2	37.79	156.8	42.02	168.3	46.75	179.2	51.73	196.4	57.72
	33	101.3	26.14	129.7	34.77	158.8	45.87	170.9	51.02	183.8	57.39	195.7	63.55	209.0	69.33
	35	110.9	30.94	140.2	41.23	171.4	54.63	184.8	61.10	199.2	69.11	209.7	75.09	217.8	80.38
	37	110.9	33.12	140.2	44.29	171.4	58.81	183.4	65.23	195.3	72.20	201.4	76.17	203.2	77.55
	39	110.9	35.51	140.2	47.45	168.7	61.91	177.7	67.05	180.0	68.60	180.0	68.60	180.0	68.60
	41	110.9	37.89	139.6	50.84	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19	157.4	60.19
	43	110.9	40.76	134.2	51.66	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59
	46	104.2	41.94	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35
	48	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28
90	10	35.3	8.84	55.1	8.90	69.6	9.62	72.0	9.85	74.6	10.09	80.2	10.48	113.2	13.47
	12	35.3	8.84	55.1	8.90	69.6	9.74	72.0	9.97	74.6	10.15	80.2	10.61	113.2	13.66
	14	35.3	8.84	55.1	8.92	69.6	9.85	72.0	10.01	74.6	10.23	80.2	10.74	113.2	13.83
	16	35.3	8.84	55.1	8.92	69.6	9.89	72.0	10.12	74.6	10.35	80.2	10.78	113.2	13.98
	18	35.3	8.84	55.1	8.94	69.6	10.01	72.0	10.23	74.6	10.48	80.2	10.91	113.2	14.28
	20	35.3	8.84	55.1	8.98	69.6	10.12	72.0	10.35	74.6	10.61	80.2	11.04	113.2	14.44
	21	39.6	9.16	59.8	9.67	75.3	11.21	78.2	11.68	81.8	12.21	87.5	12.87	119.0	16.25
	23	48.2	10.10	69.3	11.44	86.4	14.02	91.0	15.02	95.7	16.10	102.3	17.37	130.6	20.74
	25	56.7	11.52	78.8	13.93	97.7	17.80	103.6	19.31	109.5	20.93	117.1	22.65	142.1	26.05
	27	65.4	13.54	88.1	17.33	109.1	22.25	116.1	24.22	123.5	26.44	131.8	28.72	153.7	32.28
	29	74.0	16.35	97.7	21.30	120.4	27.19	128.7	29.79	137.6	32.82	146.6	35.75	165.2	39.73
	31	82.5	19.91	107.2	25.55	131.6	32.83	141.3	36.24	151.4	40.18	161.3	43.88	176.8	48.72
	33	91.1	23.38	116.5	30.48	142.9	39.57	153.8	43.84	165.4	48.71	176.2	53.58	188.3	58.33
	35	100.0	27.34	126.0	36.05	154.1	47.04	166.3	52.24	179.2	58.45	190.8	64.53	199.7	69.23
	37	100.0	29.36	126.0	38.60	154.1	50.44	166.3	56.22	178.8	62.92	188.3	68.16	195.8	72.57
	39	100.0	31.45	126.0	41.42	154.1	54.28	164.6	59.54	175.1	65.45	179.0	67.87	180.0	68.60
	41	100.0	33.55	126.0	44.47	151.0	56.64	156.4	59.51	157.4	60.19	157.4	60.19	157.4	60.19
	43	100.0	36.08	124.6	46.95	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59
	46	98.3	39.28	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35
	48	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28
80	10	31.3	8.84	48.9	8.84	61.7	9.02	64.1	9.24	66.4	9.40	71.3	9.77	100.7	12.26
	12	31.3	8.84	48.9	8.84	61.7	9.14	64.1	9.26	66.4	9.50	71.3	9.85	100.7	12.44
	14	31.3	8.84	48.9	8.84	61.7	9.24	64.1	9.40	66.4	9.60	71.3	9.97	100.7	12.57
	16	31.3	8.84	48.9	8.84	61.7	9.26	64.1	9.48	66.4	9.64	71.3	10.09	100.7	12.71
	18	31.3	8.84	48.9	8.84	61.7	9.40	64.1	9.60	66.4	9.74	71.3	10.15	100.7	12.92
	20	31.3	8.84	48.9	8.86	61.7	9.48	64.1	9.64	66.4	9.85	71.3	10.25	100.7	13.05
	21	35.1	9.02	53.2	9.35	67.0	10.32	69.7	10.66	72.6	11.07	77.8	11.67	105.8	14.45
	23	42.9	9.65	61.7	10.66	76.9	12.46	80.8	13.29	85.1	14.17	91.0	15.20	116.1	18.03
	25	50.5	10.65	70.0	12.57	86.8	15.49	92.0	16.76	97.4	18.23	104.0	19.70	126.4	22.51
	27	58.1	12.22	78.5	15.18	97.0	19.34	103.3	20.99	109.9	22.85	117.2	24.67	136.6	27.58
	29	65.8	14.48	86.8	18.62	107.0	23.53	114.5	25.66	122.1	28.10	130.3	30.48	146.9	33.56
	31	73.3	17.47	95.3	22.39	117.1	28.25	125.4	31.10	134.7	34.20	143.5	37.11	157.1	40.86
	33	81.1	20.62	103.6	26.45	127.1	33.88	136.7	37.27	146.9	41.18	156.5	45.07	167.3	48.78
	35	88.7	24.14	112.2	31.24	137.0	40.13	147.9	44.42	159.4	49.28	169.6	53.84	177.6	57.63
	37	88.7	25.80	112.2	33.44	137.0	43.10	147.9	47.61	159.4	52.89	169.6	57.92	177.5	62.23
	39	88.7	27.55	112.2	35.84	137.0	46.25	147.9	51.07	158.9	56.67	167.3	61.00	173.8	64.71
	41	88.7	29.57	112.2	38.54	137.0	49.55	145.9	53.90	154.9	58.61	157.1	59.94	157.4	60.19
	43	88.7	31.67	112.2	41.20	133.6	51.35	135.9	52.59	135.9	52.59	135.9	52.59	135.9	52.59
	46	88.7	35.13	104.5	42.08	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35
	48	84.5	35.88	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28

7. Capacity Tables

Cooling Capacity (66HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	27.4	8.84	42.9	8.84	54.1	8.88	56.1	8.90	58.1	8.94	62.3	9.14	88.1	11.17
	12	27.4	8.84	42.9	8.84	54.1	8.88	56.1	8.92	58.1	8.94	62.3	9.16	88.1	11.30
	14	27.4	8.84	42.9	8.84	54.1	8.90	56.1	8.94	58.1	8.98	62.3	9.24	88.1	11.43
	16	27.4	8.84	42.9	8.84	54.1	8.92	56.1	8.94	58.1	9.02	62.3	9.37	88.1	11.56
	18	27.4	8.84	42.9	8.84	54.1	8.92	56.1	8.98	58.1	9.14	62.3	9.40	88.1	11.69
	20	27.4	8.84	42.9	8.84	54.1	8.94	56.1	9.02	58.1	9.14	62.3	9.50	88.1	11.87
	21	30.7	8.92	46.6	9.13	58.4	9.53	61.0	9.77	63.7	10.04	68.0	10.54	92.6	12.87
	23	37.3	9.24	53.8	10.00	67.3	11.14	70.7	11.65	74.3	12.42	79.6	13.23	101.6	15.49
	25	44.2	9.92	61.3	11.37	75.9	13.37	80.5	14.38	85.2	15.46	91.1	16.72	110.5	19.10
	27	50.8	11.01	68.7	13.34	84.8	16.38	90.4	17.87	96.1	19.50	102.5	21.02	119.5	23.42
	29	57.5	12.73	75.9	16.10	93.7	20.19	100.0	21.98	106.9	23.90	113.9	25.75	128.5	28.15
	31	64.3	15.13	83.5	19.53	102.3	24.22	109.9	26.31	117.8	28.80	125.4	31.16	137.6	33.76
	33	70.9	18.20	90.7	22.93	111.2	28.80	119.5	31.33	128.7	34.50	137.0	37.52	146.5	40.44
	35	77.6	21.00	98.0	26.76	120.0	34.00	129.3	37.32	139.6	41.12	148.5	44.51	155.5	47.48
	37	77.6	22.46	98.0	28.74	120.0	36.42	129.3	39.91	139.6	43.96	148.5	47.95	155.5	51.11
	39	77.6	24.03	98.0	30.81	120.0	38.97	129.3	42.88	139.6	47.14	148.5	51.43	155.5	54.83
	41	77.6	25.70	98.0	32.93	120.0	41.83	129.3	45.99	139.1	50.53	146.4	54.21	152.1	57.07
	43	77.6	27.64	98.0	35.37	119.7	44.74	127.3	48.26	134.1	51.58	135.9	52.59	135.9	52.59
	46	77.6	30.67	96.7	38.65	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35	105.0	42.35
	48	77.0	32.59	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28
60	10	23.5	8.84	36.7	8.84	46.4	8.84	48.1	8.84	49.9	8.84	53.4	8.86	75.5	10.12
	12	23.5	8.84	36.7	8.84	46.4	8.84	48.1	8.84	49.9	8.84	53.4	8.88	75.5	10.23
	14	23.5	8.84	36.7	8.84	46.4	8.84	48.1	8.84	49.9	8.84	53.4	8.90	75.5	10.33
	16	23.5	8.84	36.7	8.84	46.4	8.84	48.1	8.84	49.9	8.84	53.4	8.90	75.5	10.37
	18	23.5	8.84	36.7	8.84	46.4	8.84	48.1	8.84	49.9	8.86	53.4	8.92	75.5	10.51
	20	23.5	8.84	36.7	8.84	46.4	8.84	48.1	8.84	49.9	8.88	53.4	8.94	75.5	10.63
	21	26.4	8.82	40.0	8.98	50.1	9.19	52.2	9.29	54.5	9.47	58.4	9.65	79.2	11.32
	23	32.0	8.90	46.2	9.48	57.7	10.24	60.7	10.59	63.7	11.03	68.3	11.47	87.1	13.22
	25	37.9	9.25	52.4	10.33	65.3	11.74	68.9	12.45	73.0	13.24	78.0	14.05	94.7	15.89
	27	43.5	9.94	58.8	11.69	72.6	13.92	77.3	15.01	82.5	16.23	87.8	17.44	102.3	19.38
	29	49.3	11.15	65.0	13.71	80.2	16.90	85.8	18.40	91.7	20.04	97.7	21.55	110.2	23.39
	31	55.1	13.01	71.4	16.52	87.8	20.53	94.1	22.19	101.0	23.95	107.6	25.75	117.8	27.73
	33	60.8	15.62	77.8	19.68	95.3	24.13	102.5	26.16	110.2	28.51	117.4	30.76	125.4	33.07
	35	66.6	18.23	84.1	22.81	102.9	28.25	110.9	30.94	119.5	33.80	127.3	36.46	133.3	38.70
	37	66.6	19.38	84.1	24.39	102.9	30.31	110.9	33.12	119.5	36.13	127.3	39.12	133.3	41.36
	39	66.6	20.75	84.1	26.07	102.9	32.50	110.9	35.51	119.5	38.83	127.3	41.85	133.3	44.45
	41	66.6	22.25	84.1	28.02	102.9	34.76	110.9	37.89	119.5	41.53	127.3	44.92	133.3	47.73
	43	66.6	23.79	84.1	29.91	102.9	37.22	110.9	40.76	119.3	44.48	125.7	47.54	130.6	49.89
	46	66.6	26.49	84.1	33.24	100.7	40.41	104.2	41.94	105.0	42.35	105.0	42.35	105.0	42.35
	48	66.6	28.35	82.3	34.83	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28	85.5	36.28
50	10	19.6	8.84	30.7	8.84	38.6	8.84	40.0	8.84	41.5	8.84	44.5	8.84	62.9	9.14
	12	19.6	8.84	30.7	8.84	38.6	8.84	40.0	8.84	41.5	8.84	44.5	8.84	62.9	9.24
	14	19.6	8.84	30.7	8.84	38.6	8.84	40.0	8.84	41.5	8.84	44.5	8.84	62.9	9.26
	16	19.6	8.84	30.7	8.84	38.6	8.84	40.0	8.84	41.5	8.84	44.5	8.84	62.9	9.40
	18	19.6	8.84	30.7	8.84	38.6	8.84	40.0	8.84	41.5	8.84	44.5	8.84	62.9	9.48
	20	19.6	8.84	30.7	8.84	38.6	8.84	40.0	8.84	41.5	8.84	44.5	8.84	62.9	9.60
	21	22.1	8.74	33.3	8.84	41.9	8.99	43.5	9.06	45.5	9.16	48.5	9.23	66.0	10.01
	23	26.8	8.61	38.6	9.00	48.1	9.53	50.5	9.79	53.2	10.09	56.8	10.37	72.6	11.20
	25	31.6	8.69	43.9	9.45	54.4	10.47	57.5	10.94	60.8	11.46	65.0	12.00	78.9	13.03
	27	36.3	9.03	49.1	10.26	60.7	11.88	64.4	12.61	68.7	13.48	73.2	14.32	85.4	15.54
	29	41.2	9.77	54.2	11.65	67.0	13.97	71.6	15.05	76.3	16.34	81.5	17.54	91.8	18.79
	31	45.8	11.03	59.4	13.65	73.2	16.83	78.5	18.31	84.1	19.79	89.7	21.17	98.3	22.50
	33	50.7	13.01	64.7	16.54	79.4	19.94	85.4	21.53	91.8	23.34	97.8	24.87	104.6	26.39
	35	55.5	15.49	70.0	18.99	85.8	23.18	92.4	25.07	99.6	27.30	106.0	29.32	111.0	30.94
	37	55.5	16.59	70.0	20.34	85.8	24.93	92.4	26.95	99.6	29.30	106.0	31.32	111.0	33.12
	39	55.5	17.67	70.0	21.82	85.8	26.63	92.4	28.80	99.6	31.29	106.0	33.57	111.0	35.51
	41	55.5	18.97	70.0	23.32	85.8	28.45	92.4	30.88	99.6	33.50	106.0	36.10	111.0	38.03
	43	55.5	20.35	70.0	24.97	85.8	30.53	92.4	33.11	99.6	35.91	106.0	38.63	111.0	40.81
	46	55.5	22.49	70.0	27.75	85.8	33.93	92.1	36.65	98.0	39.26	103.2	41.46	104.3	42.00
	48	55.5	24.23	70.0	29.64	83.7	35.37	85.3	36.21	85.5	36.28	85.5	36.28	85.5	36.28

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM680LTE5

Cooling Capacity (68HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	52.4	8.92	82.0	10.68	103.5	12.56	107.3	12.91	111.2	13.26	119.3	14.08	168.6	19.79
	12	52.4	8.94	82.0	10.73	103.5	12.75	107.3	13.05	111.2	13.53	119.3	14.35	168.6	20.16
	14	52.4	8.94	82.0	10.86	103.5	12.88	107.3	13.26	111.2	13.67	119.3	14.53	168.6	20.47
	16	52.4	8.97	82.0	11.01	103.5	13.05	107.3	13.40	111.2	13.85	119.3	14.71	168.6	20.86
	18	52.4	8.99	82.0	11.15	103.5	13.24	107.3	13.67	111.2	14.08	119.3	14.90	168.6	21.28
	20	52.4	9.01	82.0	11.27	103.5	13.40	107.3	13.85	111.2	14.22	119.3	15.23	168.6	21.71
	21	58.8	10.11	89.0	13.04	111.8	16.08	116.4	16.88	121.2	17.60	129.5	18.93	176.2	25.31
	23	71.7	12.83	103.1	17.37	128.8	22.28	134.5	23.67	140.6	25.30	149.7	27.39	191.2	33.77
	25	84.4	16.49	117.3	22.54	145.2	29.37	152.2	31.65	159.8	34.23	169.3	37.22	205.3	44.71
	27	97.3	20.89	131.3	28.55	161.1	37.55	169.6	40.83	178.5	44.63	188.8	48.96	218.8	57.23
	29	110.1	25.77	145.5	35.54	177.0	46.95	186.6	51.59	196.9	57.02	206.9	62.38	230.4	69.74
	31	123.0	31.33	159.4	43.64	192.3	58.19	203.2	64.22	212.9	70.07	222.4	76.06	237.0	80.23
	33	135.7	37.81	173.4	53.11	206.9	70.29	216.4	76.17	224.5	81.50	225.5	81.71	232.0	83.37
	35	148.6	45.30	187.7	63.81	217.5	81.30	221.5	84.12	221.5	84.12	221.5	84.12	221.5	84.12
	37	148.6	48.73	186.8	68.73	201.4	77.48	201.4	77.48	201.4	77.48	201.4	77.48	201.4	77.48
	39	148.6	52.33	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46
	41	147.1	55.66	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06
	43	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48
	46	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25
120	10	48.3	8.84	75.8	10.16	95.6	11.85	99.0	12.17	102.6	12.46	110.1	13.21	155.7	18.14
	12	48.3	8.86	75.8	10.21	95.6	11.98	99.0	12.30	102.6	12.59	110.1	13.37	155.7	18.43
	14	48.3	8.88	75.8	10.34	95.6	12.14	99.0	12.44	102.6	12.78	110.1	13.53	155.7	18.80
	16	48.3	8.90	75.8	10.43	95.6	12.30	99.0	12.59	102.6	12.94	110.1	13.72	155.7	19.15
	18	48.3	8.90	75.8	10.55	95.6	12.44	99.0	12.75	102.6	13.11	110.1	13.92	155.7	19.44
	20	48.3	8.92	75.8	10.68	95.6	12.59	99.0	12.94	102.6	13.34	110.1	14.16	155.7	19.83
	21	54.4	9.81	82.2	12.17	103.3	14.88	107.7	15.62	112.0	16.37	119.8	17.44	162.9	22.99
	23	66.3	12.11	95.2	15.89	118.8	20.29	124.8	21.82	130.5	23.18	138.9	24.86	177.4	30.39
	25	77.9	15.16	108.2	20.51	134.3	26.52	141.9	28.94	148.9	31.19	157.8	33.62	191.2	39.56
	27	89.7	19.13	121.1	25.72	149.9	33.92	158.5	37.11	166.6	40.27	176.4	43.65	204.9	51.00
	29	101.6	23.45	134.3	31.81	165.3	42.47	174.8	46.47	184.1	50.88	194.3	55.65	218.2	63.51
	31	113.5	28.37	147.2	38.85	180.5	52.70	190.6	57.65	201.3	63.64	210.5	68.76	228.0	75.15
	33	125.4	34.05	160.2	47.19	194.8	63.72	205.7	69.92	215.2	75.54	224.2	81.47	230.2	82.89
	35	137.1	40.74	173.2	56.34	207.2	75.01	216.9	80.96	221.5	84.12	221.5	84.12	221.5	84.12
	37	137.1	43.58	173.2	60.89	201.4	77.48	201.4	77.48	201.4	77.48	201.4	77.48	201.4	77.48
	39	137.1	46.86	170.1	64.02	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46
	41	137.1	50.37	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06
	43	132.1	51.46	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48
	46	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25
110	10	44.2	8.80	69.3	9.64	87.7	11.15	90.8	11.40	94.1	11.69	100.9	12.30	142.6	16.63
	12	44.2	8.80	69.3	9.76	87.7	11.25	90.8	11.56	94.1	11.85	100.9	12.46	142.6	16.88
	14	44.2	8.80	69.3	9.79	87.7	11.38	90.8	11.69	94.1	11.98	100.9	12.59	142.6	17.20
	16	44.2	8.82	69.3	9.91	87.7	11.53	90.8	11.83	94.1	12.14	100.9	12.78	142.6	17.43
	18	44.2	8.84	69.3	10.01	87.7	11.67	90.8	11.98	94.1	12.30	100.9	12.94	142.6	17.80
	20	44.2	8.84	69.3	10.14	87.7	11.83	90.8	12.14	94.1	12.44	100.9	13.21	142.6	18.04
	21	49.7	9.55	75.4	11.35	94.8	13.74	98.6	14.39	103.0	15.08	110.1	16.14	149.6	20.85
	23	60.6	11.40	87.3	14.45	108.8	18.29	114.5	19.61	120.4	21.22	128.3	22.70	163.4	27.35
	25	71.4	13.97	99.2	18.46	123.1	23.69	130.3	25.85	138.0	28.31	146.3	30.33	176.8	35.11
	27	82.3	17.35	111.1	23.13	137.3	30.00	146.2	33.12	155.1	36.38	163.7	39.13	189.8	44.79
	29	93.1	21.32	123.0	28.41	151.6	37.36	161.9	41.61	171.5	45.60	180.9	49.36	202.6	55.82
	31	104.1	25.63	135.0	34.50	165.9	46.13	177.8	51.71	187.8	56.58	197.7	61.49	214.9	67.75
	33	114.9	30.67	146.9	41.66	180.0	56.29	192.6	62.69	203.7	68.86	211.8	73.58	223.3	78.66
	35	125.8	36.38	158.8	49.78	194.2	67.69	205.8	74.18	215.3	80.02	221.5	84.12	221.5	84.12
	37	125.8	39.01	158.8	53.49	191.4	71.60	200.4	76.86	201.4	77.48	201.4	77.48	201.4	77.48
	39	125.8	41.76	158.8	57.65	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46
	41	125.8	44.89	153.1	58.70	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06
	43	125.1	47.97	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48
	46	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25

7. Capacity Tables

Cooling Capacity (68HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	40.4	8.80	62.9	9.16	79.6	10.43	82.6	10.68	85.6	10.96	91.8	11.51	129.6	15.23
	12	40.4	8.80	62.9	9.28	79.6	10.55	82.6	10.84	85.6	11.09	91.8	11.59	129.6	15.41
	14	40.4	8.80	62.9	9.30	79.6	10.68	82.6	10.96	85.6	11.15	91.8	11.72	129.6	15.61
	16	40.4	8.80	62.9	9.40	79.6	10.81	82.6	11.01	85.6	11.30	91.8	11.85	129.6	15.94
	18	40.4	8.80	62.9	9.54	79.6	10.88	82.6	11.15	85.6	11.43	91.8	12.01	129.6	16.17
	20	40.4	8.80	62.9	9.56	79.6	11.01	82.6	11.30	85.6	11.56	91.8	12.19	129.6	16.47
	21	45.2	9.33	68.4	10.53	86.1	12.55	89.7	13.14	93.5	13.75	100.3	14.67	136.3	18.94
	23	55.1	10.77	79.3	13.08	99.0	16.46	104.1	17.65	109.5	18.95	117.1	20.42	149.6	24.69
	25	65.0	12.81	90.1	16.51	111.9	21.13	118.6	22.96	125.4	24.99	133.9	27.16	162.5	31.38
	27	74.8	15.61	101.0	20.69	124.8	26.54	132.9	29.06	141.5	32.00	150.9	35.07	174.8	39.36
	29	84.6	19.21	111.8	25.18	137.7	32.69	147.3	36.14	157.4	40.26	167.4	43.91	187.1	49.07
	31	94.5	23.07	122.7	30.42	150.7	39.99	161.5	44.56	173.4	49.79	183.1	54.32	198.8	59.54
	33	104.4	27.35	133.6	36.59	163.6	48.66	176.1	54.36	189.1	61.22	198.5	66.09	210.0	70.79
	35	114.3	32.39	144.5	43.50	176.5	58.11	190.4	65.35	203.5	73.01	211.1	77.32	217.1	81.24
	37	114.3	34.70	144.5	46.76	176.5	62.76	189.0	70.07	198.0	75.36	201.4	77.48	201.4	77.48
	39	114.3	37.22	144.5	50.20	172.1	65.08	178.3	68.46	178.3	68.46	178.3	68.46	178.3	68.46
	41	114.3	39.81	143.9	53.93	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06
	43	114.3	42.86	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48
	46	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25
90	10	36.3	8.80	56.8	9.01	71.7	9.79	74.2	10.01	76.9	10.29	82.6	10.68	116.7	13.85
	12	36.3	8.80	56.8	9.01	71.7	9.91	74.2	10.14	76.9	10.34	82.6	10.84	116.7	14.05
	14	36.3	8.80	56.8	9.03	71.7	10.01	74.2	10.21	76.9	10.43	82.6	10.96	116.7	14.22
	16	36.3	8.80	56.8	9.05	71.7	10.06	74.2	10.31	76.9	10.55	82.6	11.01	116.7	14.40
	18	36.3	8.80	56.8	9.07	71.7	10.18	74.2	10.43	76.9	10.68	82.6	11.15	116.7	14.71
	20	36.3	8.80	56.8	9.11	71.7	10.31	74.2	10.55	76.9	10.84	82.6	11.30	116.7	14.90
	21	40.8	9.18	61.6	9.88	77.5	11.52	80.6	12.01	84.3	12.58	90.1	13.30	122.7	16.88
	23	49.7	10.25	71.4	11.83	89.1	14.58	93.7	15.67	98.6	16.80	105.4	18.11	134.6	21.68
	25	58.5	11.83	81.2	14.53	100.7	18.63	106.7	20.20	112.9	21.91	120.7	23.73	146.5	27.35
	27	67.3	14.02	90.8	18.20	112.4	23.29	119.6	25.37	127.2	27.80	135.8	30.23	158.4	34.07
	29	76.2	17.07	100.7	22.22	124.1	28.55	132.6	31.34	141.7	34.62	151.0	37.84	170.3	42.26
	31	85.0	20.68	110.5	26.74	135.6	34.57	145.5	38.27	156.0	42.51	166.2	46.61	182.2	51.90
	33	93.9	24.38	120.1	31.99	147.3	41.82	158.5	46.43	170.4	51.81	181.5	57.18	193.7	62.11
	35	103.0	28.56	129.9	37.87	158.8	49.78	171.3	55.47	184.7	62.34	196.6	69.12	203.9	73.05
	37	103.0	30.68	129.9	40.63	158.8	53.49	171.3	59.83	184.3	67.42	192.8	72.44	198.4	75.64
	39	103.0	32.89	129.9	43.62	158.8	57.75	169.1	63.28	176.9	67.62	178.3	68.46	178.3	68.46
	41	103.0	35.11	129.9	46.87	153.1	58.72	155.9	60.06	155.9	60.06	155.9	60.06	155.9	60.06
	43	103.0	37.78	127.9	49.30	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48
	46	100.2	40.68	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25
80	10	32.3	8.80	50.4	8.88	63.6	9.16	66.0	9.38	68.4	9.54	73.5	9.93	103.7	12.59
	12	32.3	8.80	50.4	8.90	63.6	9.28	66.0	9.40	68.4	9.64	73.5	10.04	103.7	12.75
	14	32.3	8.80	50.4	8.92	63.6	9.38	66.0	9.54	68.4	9.76	73.5	10.16	103.7	12.91
	16	32.3	8.80	50.4	8.92	63.6	9.40	66.0	9.64	68.4	9.81	73.5	10.29	103.7	13.05
	18	32.3	8.80	50.4	8.94	63.6	9.54	66.0	9.76	68.4	9.91	73.5	10.34	103.7	13.26
	20	32.3	8.80	50.4	8.97	63.6	9.64	66.0	9.81	68.4	10.04	73.5	10.45	103.7	13.40
	21	36.1	9.04	54.8	9.51	69.0	10.57	71.8	10.93	74.8	11.38	80.2	12.00	109.0	14.94
	23	44.2	9.77	63.5	10.97	79.2	12.91	83.3	13.79	87.7	14.74	93.7	15.85	119.6	18.83
	25	52.0	10.89	72.1	13.04	89.5	16.18	94.8	17.55	100.3	19.07	107.1	20.59	130.2	23.56
	27	59.9	12.61	80.9	15.86	99.9	20.26	106.4	21.97	113.2	23.92	120.7	25.85	140.7	28.99
	29	67.7	15.08	89.5	19.49	110.2	24.60	117.9	26.91	125.8	29.52	134.3	32.09	151.3	35.43
	31	75.5	18.23	98.2	23.37	120.7	29.67	129.2	32.69	138.7	36.05	147.9	39.22	161.9	43.33
	33	83.6	21.44	106.7	27.68	130.9	35.67	140.8	39.28	151.3	43.55	161.3	47.82	172.4	51.80
	35	91.4	25.13	115.6	32.75	141.1	42.30	152.3	46.93	164.2	52.18	174.7	57.22	183.0	61.41
	37	91.4	26.93	115.6	35.08	141.1	45.46	152.3	50.40	164.2	56.19	174.7	61.75	182.9	66.53
	39	91.4	28.73	115.6	37.62	141.1	48.88	152.3	54.19	163.7	60.36	171.1	64.34	175.9	67.06
	41	91.4	30.85	115.6	40.48	141.1	52.50	149.3	56.68	155.9	60.06	155.9	60.06	155.9	60.06
	43	91.4	33.08	115.6	43.37	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48	134.5	52.48
	46	91.4	36.70	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25

7. Capacity Tables

Cooling Capacity (68HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	28.2	8.80	44.2	8.80	55.7	8.99	57.8	9.01	59.9	9.05	64.2	9.28	90.8	11.40
	12	28.2	8.80	44.2	8.80	55.7	8.99	57.8	9.03	59.9	9.07	64.2	9.30	90.8	11.56
	14	28.2	8.80	44.2	8.80	55.7	9.01	57.8	9.05	59.9	9.11	64.2	9.40	90.8	11.69
	16	28.2	8.80	44.2	8.82	55.7	9.03	57.8	9.07	59.9	9.16	64.2	9.54	90.8	11.83
	18	28.2	8.80	44.2	8.82	55.7	9.05	57.8	9.11	59.9	9.28	64.2	9.56	90.8	11.98
	20	28.2	8.80	44.2	8.84	55.7	9.07	57.8	9.16	59.9	9.30	64.2	9.66	90.8	12.14
	21	31.7	8.92	48.0	9.18	60.2	9.73	62.9	9.98	65.6	10.29	70.1	10.81	95.4	13.24
	23	38.5	9.33	55.5	10.19	69.3	11.48	72.8	12.04	76.5	12.86	82.0	13.73	104.7	16.14
	25	45.5	10.10	63.2	11.70	78.2	13.92	82.9	15.00	87.8	16.18	93.9	17.51	113.9	20.02
	27	52.3	11.31	70.7	13.86	87.4	17.16	93.1	18.75	99.0	20.41	105.7	21.98	123.1	24.49
	29	59.3	13.18	78.2	16.85	96.5	21.10	103.1	22.95	110.1	25.02	117.3	26.99	132.4	29.56
	31	66.3	15.79	86.0	20.35	105.4	25.30	113.2	27.55	121.4	30.24	129.2	32.75	141.7	35.65
	33	73.1	18.85	93.5	23.90	114.6	30.17	123.1	32.93	132.6	36.30	141.1	39.53	150.9	42.69
	35	79.9	21.83	101.0	27.95	123.7	35.69	133.3	39.28	143.8	43.38	153.0	47.03	160.2	50.30
	37	79.9	23.38	101.0	30.04	123.7	38.26	133.3	42.03	143.8	46.42	153.0	50.76	160.2	54.25
	39	79.9	24.99	101.0	32.23	123.7	40.97	133.3	45.19	143.8	49.88	153.0	54.56	160.2	58.34
	41	79.9	26.75	101.0	34.42	123.7	44.06	133.3	48.57	143.3	53.53	149.7	56.92	153.9	59.00
	43	79.9	28.79	101.0	37.05	123.4	47.18	129.9	50.26	134.5	52.48	134.5	52.48	134.5	52.48
	46	79.9	31.95	99.0	40.24	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	79.3	33.99	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25
60	10	24.2	8.80	37.8	8.80	47.8	8.84	49.6	8.86	51.4	8.90	55.1	8.97	77.8	10.29
	12	24.2	8.80	37.8	8.80	47.8	8.86	49.6	8.88	51.4	8.92	55.1	8.99	77.8	10.40
	14	24.2	8.80	37.8	8.80	47.8	8.86	49.6	8.90	51.4	8.92	55.1	9.01	77.8	10.55
	16	24.2	8.80	37.8	8.80	47.8	8.88	49.6	8.92	51.4	8.94	55.1	9.01	77.8	10.60
	18	24.2	8.80	37.8	8.80	47.8	8.90	49.6	8.92	51.4	8.97	55.1	9.03	77.8	10.73
	20	24.2	8.80	37.8	8.80	47.8	8.92	49.6	8.94	51.4	8.99	55.1	9.05	77.8	10.86
	21	27.2	8.81	41.2	8.99	51.7	9.33	53.8	9.46	56.1	9.64	60.1	9.84	81.6	11.62
	23	33.0	8.95	47.6	9.59	59.5	10.49	62.5	10.89	65.7	11.36	70.3	11.85	89.7	13.72
	25	39.1	9.38	54.0	10.55	67.3	12.15	71.0	12.92	75.2	13.76	80.3	14.66	97.6	16.60
	27	44.9	10.18	60.6	12.05	74.8	14.52	79.7	15.70	85.0	17.02	90.5	18.31	105.4	20.35
	29	50.8	11.49	67.0	14.23	82.7	17.73	88.4	19.28	94.5	20.95	100.7	22.51	113.5	24.48
	31	56.7	13.51	73.5	17.27	90.5	21.39	96.9	23.12	104.1	25.04	110.9	26.98	121.4	29.07
	33	62.6	16.26	80.1	20.43	98.2	25.17	105.7	27.37	113.5	29.88	121.0	32.29	129.2	34.80
	35	68.6	18.87	86.7	23.72	106.0	29.58	114.3	32.39	123.1	35.45	131.1	38.34	137.3	40.76
	37	68.6	20.06	86.7	25.39	106.0	31.75	114.3	34.70	123.1	37.96	131.1	41.16	137.3	43.60
	39	68.6	21.50	86.7	27.17	106.0	34.02	114.3	37.22	123.1	40.82	131.1	44.07	137.3	46.89
	41	68.6	23.08	86.7	29.22	106.0	36.41	114.3	39.81	123.1	43.75	131.1	47.40	137.3	50.46
	43	68.6	24.71	86.7	31.17	106.0	39.02	114.3	42.86	122.9	46.91	128.7	49.76	132.3	51.46
	46	68.6	27.52	86.7	34.70	102.0	41.54	103.8	42.26	103.8	42.26	103.8	42.26	103.8	42.26
	48	68.6	29.42	83.3	35.63	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25
50	10	20.1	8.80	31.6	8.80	39.8	8.80	41.2	8.80	42.8	8.80	45.9	8.80	64.9	9.28
	12	20.1	8.80	31.6	8.80	39.8	8.80	41.2	8.80	42.8	8.80	45.9	8.82	64.9	9.38
	14	20.1	8.80	31.6	8.80	39.8	8.80	41.2	8.80	42.8	8.80	45.9	8.84	64.9	9.40
	16	20.1	8.80	31.6	8.80	39.8	8.80	41.2	8.80	42.8	8.80	45.9	8.84	64.9	9.54
	18	20.1	8.80	31.6	8.80	39.8	8.80	41.2	8.80	42.8	8.80	45.9	8.86	64.9	9.64
	20	20.1	8.80	31.6	8.80	39.8	8.80	41.2	8.80	42.8	8.82	45.9	8.88	64.9	9.76
	21	22.7	8.72	34.3	8.84	43.1	9.00	44.9	9.08	46.9	9.20	50.0	9.33	68.0	10.23
	23	27.6	8.64	39.7	9.07	49.5	9.63	52.0	9.91	54.8	10.25	58.5	10.60	74.8	11.54
	25	32.5	8.78	45.2	9.59	56.1	10.69	59.2	11.22	62.7	11.78	67.0	12.41	81.3	13.54
	27	37.4	9.19	50.6	10.51	62.5	12.25	66.3	13.05	70.7	14.01	75.5	14.94	88.0	16.26
	29	42.5	10.04	55.9	12.03	69.0	14.55	73.7	15.71	78.6	17.10	83.9	18.41	94.6	19.70
	31	47.2	11.41	61.2	14.20	75.4	17.60	80.9	19.12	86.7	20.60	92.4	22.04	101.3	23.45
	33	52.3	13.53	66.7	17.18	81.9	20.71	88.0	22.41	94.6	24.31	100.7	26.01	107.8	27.60
	35	57.1	16.01	72.1	19.70	88.4	24.15	95.2	26.17	102.7	28.55	109.2	30.73	114.3	32.39
	37	57.1	17.14	72.1	21.08	88.4	25.95	95.2	28.11	102.7	30.66	109.2	32.79	114.3	34.70
	39	57.1	18.28	72.1	22.64	88.4	27.79	95.2	30.06	102.7	32.72	109.2	35.18	114.3	37.22
	41	57.1	19.61	72.1	24.22	88.4	29.66	95.2	32.26	102.7	35.05	109.2	37.85	114.3	39.89
	43	57.1	21.07	72.1	25.91	88.4	31.85	95.2	34.61	102.7	37.61	109.2	40.53	114.3	42.91
	46	57.1	23.25	72.1	28.86	88.4	35.47	94.9	38.38	100.0	40.66	103.8	42.26	103.8	42.26
	48	57.1	25.07	72.1	30.80	84.3	36.05	84.5	36.25	84.5	36.25	84.5	36.25	84.5	36.25

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM700LTE5

Cooling Capacity (70HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	54.0	9.75	84.4	11.14	106.5	12.97	110.5	13.29	114.4	13.63	122.8	14.45	173.5	19.95
	12	54.0	9.75	84.4	11.17	106.5	13.15	110.5	13.44	114.4	13.88	122.8	14.70	173.5	20.30
	14	54.0	9.75	84.4	11.31	106.5	13.29	110.5	13.63	114.4	14.04	122.8	14.90	173.5	20.59
	16	54.0	9.75	84.4	11.45	106.5	13.44	110.5	13.78	114.4	14.20	122.8	15.05	173.5	20.96
	18	54.0	9.75	84.4	11.60	106.5	13.61	110.5	14.04	114.4	14.40	122.8	15.23	173.5	21.36
	20	54.0	9.75	84.4	11.70	106.5	13.78	110.5	14.20	114.4	14.60	122.8	15.53	173.5	21.73
	21	60.6	10.74	91.7	13.32	115.1	16.28	120.1	17.12	125.3	18.01	134.1	19.37	182.4	25.57
	23	73.8	13.23	106.1	17.37	132.6	22.17	139.3	23.84	146.6	25.84	156.8	28.24	200.1	34.68
	25	86.9	16.60	120.7	22.37	149.8	29.05	158.6	31.86	168.0	35.09	179.2	38.67	217.4	46.07
	27	100.2	20.82	135.2	28.14	167.0	37.12	177.8	41.23	189.3	46.04	201.9	51.32	234.4	59.77
	29	113.3	25.62	149.8	34.82	184.4	46.57	197.1	52.32	210.7	59.10	223.6	65.70	249.9	74.17
	31	126.6	30.97	164.1	42.52	201.7	57.91	216.3	65.53	230.0	73.24	242.9	81.04	260.4	86.74
	33	139.7	37.19	178.5	51.54	218.7	70.60	232.5	78.56	245.0	86.25	250.0	88.86	259.7	92.58
	35	152.9	44.45	193.2	61.61	231.9	82.33	240.6	87.79	245.7	90.85	247.4	91.97	247.4	91.97
	37	152.9	47.70	192.3	65.98	217.2	79.55	221.1	81.92	221.1	81.92	221.1	81.92	221.1	81.92
	39	152.9	51.22	188.2	68.66	195.8	72.70	195.8	72.70	195.8	72.70	195.8	72.70	195.8	72.70
	41	151.6	54.39	170.8	63.68	171.3	63.95	171.3	63.95	171.3	63.95	171.3	63.95	171.3	63.95
	43	143.8	54.18	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12
	46	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32
	48	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96
120	10	49.7	9.75	78.0	10.61	98.4	12.27	101.9	12.58	105.7	12.87	113.3	13.61	160.3	18.39
	12	49.7	9.75	78.0	10.66	98.4	12.41	101.9	12.72	105.7	13.02	113.3	13.75	160.3	18.63
	14	49.7	9.75	78.0	10.81	98.4	12.58	101.9	12.87	105.7	13.19	113.3	13.93	160.3	18.97
	16	49.7	9.75	78.0	10.87	98.4	12.72	101.9	12.97	105.7	13.36	113.3	14.10	160.3	19.35
	18	49.7	9.75	78.0	11.01	98.4	12.83	101.9	13.15	105.7	13.47	113.3	14.27	160.3	19.57
	20	49.7	9.75	78.0	11.14	98.4	12.97	101.9	13.32	105.7	13.71	113.3	14.53	160.3	19.99
	21	56.0	10.53	84.7	12.51	106.3	15.09	110.9	15.82	115.5	16.63	123.8	17.81	168.4	23.24
	23	68.2	12.60	98.0	15.94	122.3	20.22	128.5	21.71	135.2	23.36	144.6	25.31	184.8	30.86
	25	80.2	15.40	111.3	20.36	138.3	26.20	146.3	28.58	155.0	31.37	165.6	34.34	201.0	40.34
	27	92.4	19.12	124.7	25.46	154.3	33.20	164.1	36.62	174.6	40.62	186.5	44.79	217.4	52.20
	29	104.6	23.40	138.2	31.33	170.2	41.27	182.0	46.07	194.3	51.59	207.2	57.42	233.8	65.98
	31	116.8	28.18	151.6	38.07	186.2	51.07	199.7	57.30	214.2	64.86	226.7	71.44	246.9	79.07
	33	129.1	33.66	164.9	45.98	202.3	62.18	217.2	70.12	230.9	77.71	243.6	85.59	252.7	88.64
	35	141.1	40.11	178.3	54.77	216.8	73.81	231.0	81.86	240.3	87.64	244.5	90.06	247.4	91.97
	37	141.1	42.91	178.3	58.96	212.5	77.07	216.9	79.41	221.1	81.92	221.1	81.92	221.1	81.92
	39	141.1	46.09	176.2	62.40	194.6	71.99	195.8	72.70	195.8	72.70	195.8	72.70	195.8	72.70
	41	141.1	49.39	167.0	61.74	171.3	63.95	171.3	63.95	171.3	63.95	171.3	63.95	171.3	63.95
	43	138.4	51.79	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12
	46	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32
	48	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96
110	10	45.5	9.75	71.4	10.16	90.3	11.60	93.4	11.84	96.9	12.12	103.9	12.72	146.7	16.94
	12	45.5	9.75	71.4	10.26	90.3	11.68	93.4	11.98	96.9	12.27	103.9	12.87	146.7	17.16
	14	45.5	9.75	71.4	10.26	90.3	11.82	93.4	12.12	96.9	12.41	103.9	13.02	146.7	17.46
	16	45.5	9.75	71.4	10.39	90.3	11.95	93.4	12.27	96.9	12.58	103.9	13.19	146.7	17.67
	18	45.5	9.75	71.4	10.47	90.3	12.10	93.4	12.41	96.9	12.72	103.9	13.32	146.7	18.03
	20	45.5	9.75	71.4	10.61	90.3	12.27	93.4	12.58	96.9	12.83	103.9	13.57	146.7	18.24
	21	51.2	10.36	77.6	11.71	97.6	14.03	101.5	14.66	106.0	15.30	113.5	16.35	154.3	21.00
	23	62.3	11.99	89.9	14.56	112.0	18.28	117.9	19.57	124.0	21.14	132.6	22.76	169.3	27.50
	25	73.5	14.32	102.2	18.34	126.7	23.48	134.1	25.53	142.1	27.87	151.8	30.34	184.2	35.35
	27	84.7	17.42	114.4	22.92	141.4	29.54	150.5	32.46	160.3	35.79	170.8	39.22	199.1	45.02
	29	95.9	21.28	126.7	28.07	156.0	36.53	166.7	40.49	178.2	45.00	190.1	49.66	214.2	56.60
	31	107.1	25.59	138.9	33.92	170.8	44.84	183.1	49.95	196.4	56.08	209.3	62.15	229.1	69.45
	33	118.3	30.40	151.2	40.81	185.3	54.45	199.5	60.93	214.5	68.73	226.2	75.14	240.5	81.50
	35	129.5	36.00	163.4	48.67	199.9	65.08	214.7	72.71	228.7	80.63	238.7	86.67	241.7	88.39
	37	129.5	38.54	163.4	52.15	197.8	68.90	210.8	76.17	216.2	78.99	220.0	81.29	221.1	81.92
	39	129.5	41.27	163.4	56.12	189.9	69.44	193.9	71.58	195.8	72.70	195.8	72.70	195.8	72.70
	41	129.5	44.29	160.3	58.58	171.3	63.95	171.3	63.95	171.3	63.95	171.3	63.95	171.3	63.95
	43	128.8	47.18	146.5	55.39	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12
	46	114.0	45.20	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32
	48	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96

7. Capacity Tables

Cooling Capacity (70HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	41.6	9.75	64.8	9.79	82.0	10.87	85.0	11.14	88.1	11.43	94.5	11.95	133.4	15.53
	12	41.6	9.75	64.8	9.89	82.0	11.01	85.0	11.29	88.1	11.53	94.5	12.02	133.4	15.75
	14	41.6	9.75	64.8	9.89	82.0	11.14	85.0	11.39	88.1	11.60	94.5	12.16	133.4	15.92
	16	41.6	9.75	64.8	9.97	82.0	11.29	85.0	11.45	88.1	11.74	94.5	12.27	133.4	16.23
	18	41.6	9.75	64.8	10.08	82.0	11.31	85.0	11.60	88.1	11.87	94.5	12.41	133.4	16.44
	20	41.6	9.75	64.8	10.08	82.0	11.45	85.0	11.74	88.1	11.98	94.5	12.60	133.4	16.72
	21	46.6	10.18	70.4	10.96	88.6	12.86	92.3	13.43	96.3	14.00	103.2	14.91	140.3	19.01
	23	56.7	11.43	81.6	13.31	101.9	16.47	107.2	17.66	112.7	18.92	120.5	20.38	154.0	24.47
	25	66.9	13.27	92.8	16.49	115.2	20.96	122.1	22.76	129.1	24.72	137.9	26.77	167.6	30.93
	27	77.0	15.82	103.9	20.53	128.5	26.23	136.8	28.64	145.6	31.39	155.3	34.29	181.0	38.75
	29	87.1	19.21	115.1	24.96	141.8	32.16	151.6	35.40	162.1	39.24	172.8	42.91	194.7	48.32
	31	97.3	23.13	126.3	30.09	155.1	39.11	166.3	43.37	178.5	48.20	190.1	53.24	208.3	59.20
	33	107.4	27.23	137.5	36.01	168.4	47.36	181.3	52.62	194.9	59.05	207.6	65.20	221.7	71.00
	35	117.7	32.10	148.7	42.69	181.7	56.36	196.0	62.94	211.2	70.94	222.5	76.91	231.3	82.25
	37	117.7	34.46	148.7	45.92	181.7	60.64	194.6	67.18	207.3	74.05	214.2	78.00	217.0	79.53
	39	117.7	36.91	148.7	49.22	179.0	63.82	188.9	68.93	192.8	71.02	195.8	72.70	195.8	72.70
	41	117.7	39.48	148.1	52.64	167.8	62.13	171.3	63.95	171.3	63.95	171.3	63.95	171.3	63.95
	43	117.7	42.44	142.7	53.61	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12
	46	111.0	43.88	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32
	48	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96
90	10	37.4	9.75	58.4	9.75	73.8	10.26	76.4	10.51	79.2	10.74	85.1	11.14	120.1	14.20
	12	37.4	9.75	58.4	9.75	73.8	10.39	76.4	10.61	79.2	10.81	85.1	11.29	120.1	14.40
	14	37.4	9.75	58.4	9.75	73.8	10.47	76.4	10.66	79.2	10.87	85.1	11.39	120.1	14.56
	16	37.4	9.75	58.4	9.75	73.8	10.53	76.4	10.74	79.2	11.01	85.1	11.45	120.1	14.72
	18	37.4	9.75	58.4	9.75	73.8	10.66	76.4	10.87	79.2	11.14	85.1	11.60	120.1	15.05
	20	37.4	9.75	58.4	9.77	73.8	10.74	76.4	11.01	79.2	11.25	85.1	11.74	120.1	15.23
	21	42.0	10.05	63.4	10.44	79.8	11.85	83.0	12.34	86.8	12.86	92.8	13.58	126.3	17.05
	23	51.1	10.95	73.5	12.21	91.7	14.71	96.5	15.71	101.5	16.83	108.5	18.10	138.5	21.55
	25	60.2	12.34	83.6	14.70	103.7	18.50	109.8	20.07	116.2	21.75	124.2	23.53	150.8	27.00
	27	69.3	14.34	93.5	18.11	115.7	23.07	123.2	25.13	131.0	27.44	139.8	29.74	163.0	33.39
	29	78.5	17.17	103.6	22.12	127.7	28.21	136.5	30.84	145.9	33.95	155.5	36.95	175.3	40.98
	31	87.5	20.72	113.7	26.55	139.6	33.98	149.8	37.48	160.6	41.48	171.1	45.28	187.5	50.12
	33	96.7	24.35	123.6	31.67	151.6	40.99	163.1	45.32	175.4	50.27	186.8	55.18	199.8	60.04
	35	106.0	28.41	133.7	37.39	163.5	48.67	176.4	53.94	190.1	60.25	202.4	66.37	211.8	71.10
	37	106.0	30.53	133.7	40.07	163.5	52.15	176.4	58.01	189.7	64.81	199.9	70.10	207.9	74.44
	39	106.0	32.79	133.7	43.03	163.5	56.15	174.7	61.43	186.0	67.44	190.6	69.82	193.0	71.04
	41	106.0	35.00	133.7	46.16	160.4	58.60	166.5	61.50	170.0	63.28	171.3	63.95	171.3	63.95
	43	106.0	37.67	132.3	48.86	146.6	55.39	147.9	56.12	147.9	56.12	147.9	56.12	147.9	56.12
	46	104.3	41.06	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32
	48	92.9	38.86	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96
80	10	33.2	9.75	51.9	9.75	65.5	9.79	68.0	9.97	70.4	10.08	75.6	10.39	106.8	12.97
	12	33.2	9.75	51.9	9.75	65.5	9.89	68.0	9.97	70.4	10.16	75.6	10.51	106.8	13.15
	14	33.2	9.75	51.9	9.75	65.5	9.97	68.0	10.08	70.4	10.26	75.6	10.61	106.8	13.29
	16	33.2	9.75	51.9	9.75	65.5	9.97	68.0	10.16	70.4	10.28	75.6	10.74	106.8	13.44
	18	33.2	9.75	51.9	9.75	65.5	10.08	68.0	10.26	70.4	10.39	75.6	10.81	106.8	13.63
	20	33.2	9.75	51.9	9.75	65.5	10.16	68.0	10.28	70.4	10.47	75.6	10.89	106.8	13.78
	21	37.2	9.91	56.4	10.22	71.0	11.00	73.9	11.30	77.0	11.70	82.5	12.32	112.3	15.19
	23	45.5	10.50	65.4	11.51	81.6	13.13	85.7	13.94	90.3	14.85	96.5	15.90	123.2	18.82
	25	53.6	11.46	74.2	13.37	92.1	16.17	97.6	17.46	103.3	18.96	110.3	20.47	134.1	23.34
	27	61.6	13.01	83.3	15.97	102.8	20.06	109.5	21.76	116.5	23.70	124.3	25.57	144.9	28.59
	29	69.7	15.25	92.1	19.44	113.5	24.45	121.4	26.64	129.5	29.12	138.2	31.54	155.8	34.70
	31	77.7	18.26	101.1	23.34	124.2	29.33	133.0	32.24	142.8	35.41	152.2	38.38	166.7	42.17
	33	86.0	21.51	109.9	27.51	134.8	35.16	145.0	38.63	155.8	42.57	166.0	46.58	177.5	50.29
	35	94.1	25.11	119.0	32.43	145.3	41.64	156.8	46.02	169.1	50.95	179.9	55.60	188.4	59.38
	37	94.1	26.90	119.0	34.81	145.3	44.70	156.8	49.30	169.1	54.64	179.9	59.75	188.3	64.07
	39	94.1	28.75	119.0	37.27	145.3	47.98	156.8	52.93	168.6	58.52	177.6	62.94	184.6	66.64
	41	94.1	30.87	119.0	40.11	145.3	51.37	154.8	55.77	164.6	60.54	167.4	61.88	169.6	63.02
	43	94.1	33.17	119.0	42.92	141.9	53.27	144.8	54.65	147.9	56.12	147.9	56.12	147.9	56.12
	46	94.1	36.73	111.3	43.99	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32
	48	89.9	37.63	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96

7. Capacity Tables

Cooling Capacity (70HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	29.1	9.75	45.5	9.75	57.4	9.75	59.5	9.75	61.6	9.75	66.1	9.89	93.4	11.84
	12	29.1	9.75	45.5	9.75	57.4	9.75	59.5	9.75	61.6	9.75	66.1	9.89	93.4	11.98
	14	29.1	9.75	45.5	9.75	57.4	9.75	59.5	9.75	61.6	9.77	66.1	9.97	93.4	12.12
	16	29.1	9.75	45.5	9.75	57.4	9.75	59.5	9.75	61.6	9.79	66.1	10.08	93.4	12.27
	18	29.1	9.75	45.5	9.75	57.4	9.75	59.5	9.77	61.6	9.89	66.1	10.08	93.4	12.41
	20	29.1	9.75	45.5	9.75	57.4	9.75	59.5	9.79	61.6	9.89	66.1	10.16	93.4	12.58
	21	32.6	9.81	49.4	10.01	62.0	10.32	64.7	10.53	67.5	10.78	72.2	11.20	98.2	13.58
	23	39.6	10.09	57.1	10.86	71.3	11.90	75.0	12.41	78.8	13.14	84.4	13.90	107.8	16.22
	25	46.8	10.73	65.0	12.19	80.5	14.14	85.4	15.14	90.3	16.21	96.6	17.43	117.2	19.85
	27	53.9	11.78	72.8	14.13	89.9	17.15	95.8	18.65	101.9	20.25	108.8	21.80	126.7	24.28
	29	61.0	13.48	80.5	16.90	99.3	20.99	106.1	22.84	113.4	24.85	120.8	26.73	136.2	29.21
	31	68.2	15.86	88.5	20.36	108.5	25.19	116.6	27.32	124.9	29.89	133.0	32.27	145.9	35.00
	33	75.2	18.97	96.2	23.91	117.9	29.89	126.7	32.56	136.5	35.78	145.3	38.83	155.3	41.84
	35	82.3	21.87	103.9	27.88	127.3	35.33	137.2	38.69	148.0	42.63	157.5	46.06	164.9	49.14
	37	82.3	23.46	103.9	29.96	127.3	37.81	137.2	41.42	148.0	45.56	157.5	49.67	164.9	52.86
	39	82.3	25.05	103.9	32.14	127.3	40.49	137.2	44.47	148.0	48.88	157.5	53.23	164.9	56.67
	41	82.3	26.86	103.9	34.32	127.3	43.49	137.2	47.81	147.5	52.38	155.4	56.11	161.5	59.01
	43	82.3	28.91	103.9	36.95	127.0	46.49	135.2	50.16	142.5	53.60	145.0	54.66	146.9	55.62
	46	82.3	32.16	102.6	40.42	113.4	44.97	114.3	45.32	114.3	45.32	114.3	45.32	114.3	45.32
	48	81.7	34.21	92.4	38.66	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96
60	10	24.9	9.75	38.9	9.75	49.2	9.75	51.0	9.75	52.9	9.75	56.7	9.75	80.1	10.74
	12	24.9	9.75	38.9	9.75	49.2	9.75	51.0	9.75	52.9	9.75	56.7	9.75	80.1	10.87
	14	24.9	9.75	38.9	9.75	49.2	9.75	51.0	9.75	52.9	9.75	56.7	9.75	80.1	11.01
	16	24.9	9.75	38.9	9.75	49.2	9.75	51.0	9.75	52.9	9.75	56.7	9.75	80.1	11.03
	18	24.9	9.75	38.9	9.75	49.2	9.75	51.0	9.75	52.9	9.75	56.7	9.75	80.1	11.17
	20	24.9	9.75	38.9	9.75	49.2	9.75	51.0	9.75	52.9	9.75	56.7	9.75	80.1	11.31
	21	28.0	9.71	42.4	9.87	53.2	10.08	55.3	10.18	57.8	10.32	61.9	10.45	84.0	12.00
	23	34.0	9.74	49.0	10.33	61.2	11.09	64.3	11.43	67.6	11.86	72.4	12.26	92.3	13.90
	25	40.2	10.04	55.6	11.14	69.3	12.56	73.1	13.27	77.4	14.04	82.7	14.84	100.4	16.60
	27	46.2	10.70	62.3	12.47	77.0	14.72	82.0	15.82	87.5	17.03	93.2	18.24	108.5	20.15
	29	52.3	11.87	69.0	14.46	85.1	17.72	91.0	19.21	97.3	20.87	103.7	22.41	116.8	24.31
	31	58.4	13.71	75.7	17.29	93.1	21.39	99.8	23.13	107.1	24.97	114.1	26.78	124.9	28.79
	33	64.5	16.30	82.5	20.52	101.1	25.12	108.8	27.23	116.9	29.65	124.5	31.94	133.0	34.28
	35	70.7	18.98	89.2	23.75	109.1	29.40	117.6	32.10	126.7	35.06	135.0	37.82	141.3	40.14
	37	70.7	20.24	89.2	25.42	109.1	31.56	117.6	34.46	126.7	37.56	135.0	40.61	141.3	42.94
	39	70.7	21.66	89.2	27.25	109.1	33.81	117.6	36.91	126.7	40.41	135.0	43.43	141.3	46.11
	41	70.7	23.29	89.2	29.29	109.1	36.25	117.6	39.48	126.7	43.24	135.0	46.64	141.3	49.47
	43	70.7	24.91	89.2	31.30	109.1	38.86	117.6	42.44	126.5	46.28	133.4	49.43	138.6	51.80
	46	70.7	27.80	89.2	34.78	106.9	42.23	110.9	43.88	113.3	44.87	114.3	45.32	114.3	45.32
	48	70.7	29.78	87.4	36.52	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96	93.1	38.96
50	10	20.7	9.75	32.5	9.75	40.9	9.75	42.4	9.75	44.0	9.75	47.2	9.75	66.8	9.89
	12	20.7	9.75	32.5	9.75	40.9	9.75	42.4	9.75	44.0	9.75	47.2	9.75	66.8	9.97
	14	20.7	9.75	32.5	9.75	40.9	9.75	42.4	9.75	44.0	9.75	47.2	9.75	66.8	9.97
	16	20.7	9.75	32.5	9.75	40.9	9.75	42.4	9.75	44.0	9.75	47.2	9.75	66.8	10.08
	18	20.7	9.75	32.5	9.75	40.9	9.75	42.4	9.75	44.0	9.75	47.2	9.75	66.8	10.16
	20	20.7	9.75	32.5	9.75	40.9	9.75	42.4	9.75	44.0	9.75	47.2	9.75	66.8	10.26
	21	23.4	9.63	35.3	9.73	44.4	9.87	46.2	9.95	48.3	10.05	51.5	10.12	70.0	10.66
	23	28.4	9.45	40.9	9.85	51.0	10.37	53.6	10.64	56.4	10.94	60.2	11.22	77.0	11.83
	25	33.5	9.48	46.5	10.25	57.7	11.27	61.0	11.75	64.5	12.28	68.9	12.82	83.7	13.68
	27	38.5	9.77	52.1	11.03	64.3	12.65	68.3	13.41	72.8	14.30	77.7	15.13	90.6	16.22
	29	43.7	10.47	57.5	12.38	71.0	14.76	75.9	15.83	80.9	17.13	86.4	18.37	97.3	19.52
	31	48.6	11.68	63.0	14.37	77.6	17.58	83.3	19.12	89.2	20.61	95.1	22.08	104.3	23.39
	33	53.8	13.61	68.7	17.24	84.3	20.82	90.6	22.47	97.4	24.31	103.7	25.93	110.9	27.40
	35	58.8	16.11	74.2	19.77	91.0	24.11	98.0	26.08	105.7	28.41	112.4	30.51	117.7	32.11
	37	58.8	17.29	74.2	21.23	91.0	25.95	98.0	28.05	105.7	30.50	112.4	32.56	117.7	34.46
	39	58.8	18.51	74.2	22.77	91.0	27.79	98.0	30.00	105.7	32.55	112.4	35.00	117.7	36.91
	41	58.8	19.87	74.2	24.41	91.0	29.71	98.0	32.26	105.7	34.94	112.4	37.59	117.7	39.57
	43	58.8	21.39	74.2	26.16	91.0	31.90	98.0	34.55	105.7	37.43	112.4	40.26	117.7	42.50
	46	58.8	23.64	74.2	29.13	91.0	35.54	97.7	38.32	104.1	41.03	109.6	43.35	111.0	43.89
	48	58.8	25.54	74.2	31.15	88.9	37.13	90.9	38.04	92.9	38.86	93.1	38.96	93.1	38.96

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM720LTE5

Cooling Capacity (72HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	55.5	9.71	86.8	11.33	109.5	13.26	113.7	13.58	117.7	13.93	126.3	14.76	178.5	20.54
	12	55.5	9.71	86.8	11.36	109.5	13.44	113.7	13.73	117.7	14.23	126.3	15.06	178.5	20.94
	14	55.5	9.71	86.8	11.50	109.5	13.58	113.7	13.93	117.7	14.38	126.3	15.26	178.5	21.19
	16	55.5	9.71	86.8	11.64	109.5	13.73	113.7	14.08	117.7	14.55	126.3	15.41	178.5	21.62
	18	55.5	9.71	86.8	11.79	109.5	13.91	113.7	14.38	117.7	14.76	126.3	15.59	178.5	22.02
	20	55.5	9.71	86.8	11.93	109.5	14.08	113.7	14.55	117.7	14.91	126.3	15.95	178.5	22.45
	21	62.3	10.79	94.3	13.67	118.4	16.76	123.5	17.67	128.9	18.54	137.9	20.03	187.6	26.55
	23	75.9	13.49	109.1	18.00	136.4	23.00	143.3	24.76	150.8	26.90	161.3	29.48	205.9	36.27
	25	89.3	17.12	124.2	23.26	154.1	30.28	163.1	33.30	172.8	36.75	184.3	40.60	223.6	48.61
	27	103.0	21.65	139.0	29.34	171.7	38.90	182.9	43.30	194.7	48.43	207.7	54.16	241.2	63.54
	29	116.6	26.59	154.1	36.44	189.7	48.89	202.7	55.13	216.7	62.41	230.1	69.78	256.7	78.65
	31	130.3	32.28	168.8	44.56	207.4	61.09	222.5	69.27	236.6	77.79	249.9	86.57	266.0	91.37
	33	143.7	38.83	183.6	54.06	225.0	74.57	239.2	83.38	251.0	91.32	252.1	91.54	258.9	93.23
	35	157.3	46.53	198.7	64.70	238.6	87.38	244.6	91.61	244.6	91.61	244.6	91.61	244.6	91.61
	37	157.3	49.97	197.8	69.48	218.5	81.57	218.5	81.57	218.5	81.57	218.5	81.57	218.5	81.57
	39	157.3	53.61	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37
	41	156.0	57.03	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63
	43	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82
	46	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88
120	10	51.1	9.71	80.3	10.79	101.2	12.51	104.8	12.83	108.7	13.12	116.6	13.91	164.9	18.90
	12	51.1	9.71	80.3	10.81	101.2	12.65	104.8	12.97	108.7	13.26	116.6	14.05	164.9	19.14
	14	51.1	9.71	80.3	10.96	101.2	12.83	104.8	13.12	108.7	13.44	116.6	14.23	164.9	19.54
	16	51.1	9.71	80.3	11.05	101.2	12.97	104.8	13.26	108.7	13.61	116.6	14.40	164.9	19.93
	18	51.1	9.71	80.3	11.19	101.2	13.12	104.8	13.44	108.7	13.76	116.6	14.58	164.9	20.15
	20	51.1	9.71	80.3	11.33	101.2	13.26	104.8	13.61	108.7	14.05	116.6	14.88	164.9	20.58
	21	57.6	10.57	87.1	12.81	109.4	15.54	114.1	16.29	118.8	17.17	127.4	18.37	173.2	24.04
	23	70.2	12.83	100.8	16.49	125.7	21.00	132.1	22.53	139.0	24.26	148.7	26.34	190.1	32.20
	25	82.5	15.84	114.5	21.21	142.2	27.26	150.5	29.80	159.5	32.81	170.3	35.94	206.7	42.28
	27	95.0	19.84	128.2	26.47	158.7	34.71	168.8	38.37	179.6	42.64	191.9	47.11	223.6	55.25
	29	107.6	24.25	142.2	32.69	175.0	43.23	187.2	48.38	199.8	54.30	213.1	60.58	240.5	69.90
	31	120.2	29.26	155.9	39.83	191.5	53.74	205.5	60.45	220.3	68.57	233.2	75.86	254.0	84.18
	33	132.8	35.07	169.6	48.23	208.1	65.53	223.4	74.07	237.6	82.49	250.7	91.29	257.1	92.75
	35	145.1	41.90	183.3	57.43	223.0	77.93	237.7	86.87	244.6	91.61	244.6	91.61	244.6	91.61
	37	145.1	44.79	183.3	61.88	218.5	81.57	218.5	81.57	218.5	81.57	218.5	81.57	218.5	81.57
	39	145.1	48.15	181.2	65.71	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37
	41	145.1	51.65	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63
	43	142.4	54.29	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82
	46	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88
110	10	46.8	9.71	73.4	10.26	92.9	11.79	96.1	12.07	99.7	12.36	106.9	12.97	150.9	17.38
	12	46.8	9.71	73.4	10.40	92.9	11.91	96.1	12.22	99.7	12.51	106.9	13.12	150.9	17.60
	14	46.8	9.71	73.4	10.40	92.9	12.05	96.1	12.36	99.7	12.65	106.9	13.26	150.9	17.96
	16	46.8	9.71	73.4	10.54	92.9	12.19	96.1	12.51	99.7	12.83	106.9	13.44	150.9	18.17
	18	46.8	9.71	73.4	10.65	92.9	12.34	96.1	12.65	99.7	12.97	106.9	13.61	150.9	18.53
	20	46.8	9.71	73.4	10.79	92.9	12.51	96.1	12.83	99.7	13.12	106.9	13.91	150.9	18.75
	21	52.6	10.39	79.9	11.98	100.4	14.40	104.4	15.07	109.1	15.76	116.7	16.88	158.7	21.69
	23	64.1	12.17	92.5	15.05	115.2	18.96	121.3	20.29	127.5	21.93	136.4	23.63	174.2	28.58
	25	75.6	14.69	105.1	19.08	130.3	24.39	137.9	26.57	146.2	29.07	156.2	31.68	189.4	36.96
	27	87.1	18.05	117.7	23.85	145.4	30.80	154.8	33.91	164.9	37.48	175.7	41.13	204.8	47.37
	29	98.6	22.12	130.3	29.28	160.5	38.22	171.4	42.42	183.3	47.26	195.5	52.29	220.3	59.77
	31	110.2	26.54	142.9	35.44	175.7	47.03	188.3	52.47	202.0	59.08	215.3	65.67	235.7	73.44
	33	121.7	31.65	155.5	42.74	190.5	57.24	205.2	64.14	220.7	72.62	232.7	79.57	247.5	86.61
	35	133.2	37.52	168.1	50.96	205.6	68.50	220.9	76.67	235.3	85.46	244.6	91.61	244.6	91.61
	37	133.2	40.22	168.1	54.66	203.5	72.75	217.0	80.64	218.5	81.57	218.5	81.57	218.5	81.57
	39	133.2	43.03	168.1	58.86	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37
	41	133.2	46.23	165.0	61.59	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63
	43	132.5	49.31	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82
	46	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88

7. Capacity Tables

Cooling Capacity (72HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	42.8	9.71	66.6	9.75	84.3	11.05	87.5	11.33	90.7	11.62	97.2	12.19	137.2	15.95
	12	42.8	9.71	66.6	9.89	84.3	11.19	87.5	11.48	90.7	11.76	97.2	12.22	137.2	16.12
	14	42.8	9.71	66.6	9.89	84.3	11.33	87.5	11.62	90.7	11.79	97.2	12.36	137.2	16.30
	16	42.8	9.71	66.6	10.00	84.3	11.48	87.5	11.64	90.7	11.93	97.2	12.51	137.2	16.66
	18	42.8	9.71	66.6	10.15	84.3	11.50	87.5	11.79	90.7	12.07	97.2	12.65	137.2	16.87
	20	42.8	9.71	66.6	10.15	84.3	11.64	87.5	11.93	90.7	12.22	97.2	12.85	137.2	17.20
	21	47.9	10.20	72.4	11.11	91.1	13.16	95.0	13.75	99.0	14.39	106.2	15.32	144.3	19.67
	23	58.3	11.58	83.9	13.67	104.8	17.07	110.2	18.32	115.9	19.63	123.9	21.12	158.4	25.44
	25	68.8	13.59	95.4	17.10	118.5	21.83	125.6	23.69	132.8	25.72	141.8	27.88	172.4	32.28
	27	79.2	16.33	106.9	21.43	132.1	27.32	140.7	29.84	149.8	32.78	159.8	35.86	186.1	40.56
	29	89.6	19.95	118.4	25.94	145.8	33.56	155.9	36.99	166.7	41.11	177.8	44.98	200.2	50.90
	31	100.1	23.96	129.9	31.31	159.5	40.90	171.0	45.48	183.6	50.56	195.5	56.03	214.2	62.44
	33	110.5	28.27	141.5	37.64	173.2	49.73	186.5	55.25	200.5	62.18	213.5	68.84	228.0	74.98
	35	121.0	33.45	153.0	44.64	186.9	59.18	201.6	66.18	217.3	74.90	229.0	81.41	238.0	87.29
	37	121.0	35.88	153.0	47.97	186.9	63.71	200.2	70.74	213.4	78.39	218.5	81.57	218.5	81.57
	39	121.0	38.47	153.0	51.47	184.2	67.30	193.5	72.37	193.5	72.37	193.5	72.37	193.5	72.37
	41	121.0	41.12	152.4	55.20	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63
	43	121.0	44.25	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82
	46	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88
90	10	38.5	9.71	60.1	9.71	75.9	10.40	78.5	10.65	81.4	10.93	87.5	11.33	123.5	14.55
	12	38.5	9.71	60.1	9.71	75.9	10.54	78.5	10.79	81.4	10.96	87.5	11.48	123.5	14.76
	14	38.5	9.71	60.1	9.71	75.9	10.65	78.5	10.81	81.4	11.05	87.5	11.62	123.5	14.91
	16	38.5	9.71	60.1	9.71	75.9	10.67	78.5	10.93	81.4	11.19	87.5	11.64	123.5	15.08
	18	38.5	9.71	60.1	9.71	75.9	10.81	78.5	11.05	81.4	11.33	87.5	11.79	123.5	15.41
	20	38.5	9.71	60.1	9.73	75.9	10.93	78.5	11.19	81.4	11.48	87.5	11.93	123.5	15.59
	21	43.2	10.06	65.2	10.48	82.1	12.12	85.3	12.63	89.3	13.21	95.4	13.92	129.9	17.55
	23	52.6	11.07	75.6	12.41	94.3	15.17	99.3	16.25	104.4	17.43	111.6	18.79	142.5	22.41
	25	61.9	12.60	86.0	15.09	106.6	19.27	113.0	20.89	119.5	22.61	127.8	24.47	155.1	28.11
	27	71.3	14.75	96.1	18.78	119.1	24.03	126.7	26.16	134.7	28.58	143.7	31.05	167.7	34.89
	29	80.7	17.75	106.6	22.97	131.4	29.38	140.4	32.18	150.1	35.50	159.9	38.70	180.3	43.00
	31	90.0	21.54	117.0	27.60	143.6	35.49	154.1	39.21	165.2	43.48	176.0	47.46	192.9	52.73
	33	99.4	25.26	127.1	32.97	155.9	42.86	167.8	47.47	180.4	52.74	192.2	57.99	205.5	63.12
	35	109.1	29.52	137.5	39.02	168.1	50.96	181.4	56.58	195.5	63.30	208.1	69.93	217.9	74.96
	37	109.1	31.77	137.5	41.79	168.1	54.66	181.4	60.90	195.1	68.25	205.6	74.01	214.0	78.81
	39	109.1	34.09	137.5	44.92	168.1	58.90	179.7	64.60	191.4	71.11	193.5	72.37	193.5	72.37
	41	109.1	36.36	137.5	48.24	165.0	61.62	169.2	63.63	169.2	63.63	169.2	63.63	169.2	63.63
	43	109.1	39.18	136.1	51.05	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82
	46	107.4	42.77	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88
80	10	34.2	9.71	53.3	9.71	67.3	9.75	69.9	10.00	72.4	10.15	77.8	10.54	109.8	13.26
	12	34.2	9.71	53.3	9.71	67.3	9.89	69.9	10.00	72.4	10.26	77.8	10.65	109.8	13.44
	14	34.2	9.71	53.3	9.71	67.3	10.00	69.9	10.15	72.4	10.40	77.8	10.79	109.8	13.58
	16	34.2	9.71	53.3	9.71	67.3	10.00	69.9	10.26	72.4	10.42	77.8	10.93	109.8	13.73
	18	34.2	9.71	53.3	9.71	67.3	10.15	69.9	10.40	72.4	10.54	77.8	10.96	109.8	13.93
	20	34.2	9.71	53.3	9.71	67.3	10.26	69.9	10.42	72.4	10.65	77.8	11.07	109.8	14.08
	21	38.2	9.91	58.0	10.24	73.1	11.18	76.0	11.53	79.2	11.98	84.9	12.62	115.5	15.60
	23	46.8	10.59	67.3	11.66	83.9	13.48	88.2	14.39	92.9	15.33	99.3	16.44	126.7	19.49
	25	55.1	11.65	76.3	13.70	94.7	16.77	100.4	18.15	106.2	19.73	113.4	21.31	137.9	24.30
	27	63.4	13.34	85.7	16.48	105.8	20.96	112.7	22.68	119.9	24.68	127.8	26.63	149.0	29.80
	29	71.7	15.77	94.7	20.18	116.7	25.39	124.9	27.71	133.2	30.37	142.2	32.95	160.2	36.28
	31	79.9	18.93	104.0	24.18	127.8	30.54	136.8	33.64	146.9	37.02	156.6	40.15	171.4	44.23
	33	88.5	22.24	113.0	28.56	138.6	36.69	149.1	40.34	160.2	44.55	170.7	48.85	182.5	52.77
	35	96.8	26.07	122.4	33.78	149.4	43.47	161.3	48.15	173.9	53.40	185.0	58.30	193.7	62.39
	37	96.8	27.92	122.4	36.24	149.4	46.71	161.3	51.62	173.9	57.32	185.0	62.79	193.6	67.47
	39	96.8	29.81	122.4	38.84	149.4	50.19	161.3	55.39	173.4	61.45	182.7	66.19	189.9	70.27
	41	96.8	32.06	122.4	41.85	149.4	53.79	159.3	58.56	169.2	63.63	169.2	63.63	169.2	63.63
	43	96.8	34.41	122.4	44.74	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82	146.0	55.82
	46	96.8	38.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88

7. Capacity Tables

Cooling Capacity (72HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	29.9	9.71	46.8	9.71	59.0	9.71	61.2	9.71	63.4	9.71	68.0	9.89	96.1	12.07
	12	29.9	9.71	46.8	9.71	59.0	9.71	61.2	9.71	63.4	9.71	68.0	9.89	96.1	12.22
	14	29.9	9.71	46.8	9.71	59.0	9.71	61.2	9.71	63.4	9.73	68.0	10.00	96.1	12.36
	16	29.9	9.71	46.8	9.71	59.0	9.71	61.2	9.71	63.4	9.75	68.0	10.15	96.1	12.51
	18	29.9	9.71	46.8	9.71	59.0	9.71	61.2	9.73	63.4	9.89	68.0	10.15	96.1	12.65
	20	29.9	9.71	46.8	9.71	59.0	9.71	61.2	9.75	63.4	9.89	68.0	10.26	96.1	12.83
	21	33.5	9.80	50.8	10.02	63.7	10.35	66.6	10.57	69.5	10.86	74.2	11.40	101.1	13.91
	23	40.7	10.15	58.7	10.96	73.4	12.08	77.1	12.61	81.0	13.45	86.8	14.33	110.9	16.76
	25	48.2	10.87	66.9	12.44	82.8	14.51	87.8	15.59	92.9	16.74	99.4	18.10	120.6	20.66
	27	55.4	12.02	74.9	14.55	92.5	17.74	98.6	19.36	104.8	21.10	111.9	22.71	130.3	25.29
	29	62.7	13.87	82.8	17.51	102.2	21.81	109.1	23.73	116.6	25.82	124.2	27.82	140.1	30.43
	31	70.2	16.40	91.1	21.14	111.6	26.15	119.9	28.40	128.5	31.16	136.8	33.67	150.1	36.52
	33	77.4	19.60	99.0	24.75	121.3	31.14	130.3	33.88	140.4	37.34	149.4	40.62	159.8	43.76
	35	84.6	22.63	106.9	28.91	131.0	36.83	141.1	40.44	152.3	44.57	162.0	48.19	169.6	51.45
	37	84.6	24.26	106.9	31.12	131.0	39.46	141.1	43.25	152.3	47.60	162.0	52.01	169.6	55.47
	39	84.6	25.96	106.9	33.43	131.0	42.23	141.1	46.49	152.3	51.12	162.0	55.79	169.6	59.44
	41	84.6	27.82	106.9	35.67	131.0	45.40	141.1	49.93	151.8	54.84	159.9	58.92	166.2	62.04
	43	84.6	29.99	106.9	38.45	130.7	48.59	139.1	52.49	146.0	55.82	146.0	55.82	146.0	55.82
	46	84.6	33.32	105.6	42.11	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	84.0	35.49	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88
60	10	25.6	9.71	40.0	9.71	50.7	9.71	52.5	9.71	54.4	9.71	58.3	9.71	82.4	10.93
	12	25.6	9.71	40.0	9.71	50.7	9.71	52.5	9.71	54.4	9.71	58.3	9.71	82.4	11.05
	14	25.6	9.71	40.0	9.71	50.7	9.71	52.5	9.71	54.4	9.71	58.3	9.71	82.4	11.19
	16	25.6	9.71	40.0	9.71	50.7	9.71	52.5	9.71	54.4	9.71	58.3	9.71	82.4	11.21
	18	25.6	9.71	40.0	9.71	50.7	9.71	52.5	9.71	54.4	9.71	58.3	9.71	82.4	11.36
	20	25.6	9.71	40.0	9.71	50.7	9.71	52.5	9.71	54.4	9.71	58.3	9.71	82.4	11.50
	21	28.8	9.69	43.6	9.87	54.7	10.09	56.9	10.20	59.4	10.35	63.7	10.49	86.4	12.25
	23	34.9	9.78	50.4	10.41	63.0	11.22	66.2	11.58	69.5	12.03	74.5	12.46	95.0	14.33
	25	41.4	10.14	57.2	11.31	71.3	12.82	75.2	13.59	79.6	14.40	85.0	15.25	103.3	17.22
	27	47.5	10.88	64.1	12.76	79.2	15.16	84.3	16.33	90.0	17.62	95.8	18.90	111.6	21.01
	29	53.7	12.15	70.9	14.91	87.5	18.36	93.6	19.95	100.1	21.72	106.6	23.29	120.2	25.29
	31	60.1	14.15	77.8	17.92	95.8	22.19	102.6	23.96	110.2	25.85	117.4	27.82	128.5	29.94
	33	66.3	16.89	84.9	21.23	104.0	26.05	111.9	28.27	120.2	30.82	128.1	33.25	136.8	35.82
	35	72.7	19.61	91.8	24.62	112.3	30.54	121.0	33.45	130.3	36.55	138.9	39.47	145.4	41.93
	37	72.7	20.85	91.8	26.33	112.3	32.83	121.0	35.88	130.3	39.13	138.9	42.43	145.4	44.82
	39	72.7	22.37	91.8	28.21	112.3	35.22	121.0	38.47	130.3	42.14	138.9	45.33	145.4	48.18
	41	72.7	24.04	91.8	30.38	112.3	37.73	121.0	41.12	130.3	45.07	138.9	48.73	145.4	51.74
	43	72.7	25.77	91.8	32.43	112.3	40.40	121.0	44.25	130.1	48.29	137.3	51.74	142.7	54.29
	46	72.7	28.78	91.8	36.15	110.1	44.06	112.8	45.14	112.8	45.14	112.8	45.14	112.8	45.14
	48	72.7	30.81	90.0	37.95	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88
50	10	21.3	9.71	33.5	9.71	42.1	9.71	43.6	9.71	45.3	9.71	48.6	9.71	68.7	9.89
	12	21.3	9.71	33.5	9.71	42.1	9.71	43.6	9.71	45.3	9.71	48.6	9.71	68.7	10.00
	14	21.3	9.71	33.5	9.71	42.1	9.71	43.6	9.71	45.3	9.71	48.6	9.71	68.7	10.00
	16	21.3	9.71	33.5	9.71	42.1	9.71	43.6	9.71	45.3	9.71	48.6	9.71	68.7	10.15
	18	21.3	9.71	33.5	9.71	42.1	9.71	43.6	9.71	45.3	9.71	48.6	9.71	68.7	10.26
	20	21.3	9.71	33.5	9.71	42.1	9.71	43.6	9.71	45.3	9.71	48.6	9.71	68.7	10.40
	21	24.1	9.61	36.3	9.72	45.7	9.87	47.5	9.95	49.7	10.06	52.9	10.13	72.0	10.85
	23	29.2	9.46	42.1	9.89	52.5	10.45	55.1	10.74	58.0	11.06	61.9	11.36	79.2	12.12
	25	34.5	9.55	47.9	10.36	59.4	11.46	62.7	11.97	66.3	12.52	70.9	13.11	86.1	14.12
	27	39.6	9.90	53.6	11.22	66.2	12.97	70.2	13.75	74.9	14.70	79.9	15.59	93.2	16.85
	29	45.0	10.68	59.1	12.71	73.1	15.22	78.1	16.37	83.2	17.75	88.9	19.08	100.1	20.33
	31	50.0	12.01	64.8	14.83	79.9	18.23	85.7	19.87	91.8	21.38	97.9	22.87	107.3	24.27
	33	55.4	14.07	70.6	17.91	86.7	21.48	93.2	23.22	100.1	25.22	106.6	26.89	114.1	28.48
	35	60.5	16.61	76.3	20.42	93.6	24.99	100.8	27.06	108.7	29.52	115.6	31.74	121.0	33.45
	37	60.5	17.84	76.3	21.93	93.6	26.94	100.8	29.16	108.7	31.74	115.6	33.85	121.0	35.88
	39	60.5	19.04	76.3	23.57	93.6	28.83	100.8	31.16	108.7	33.85	115.6	36.36	121.0	38.47
	41	60.5	20.49	76.3	25.24	93.6	30.80	100.8	33.48	108.7	36.31	115.6	39.18	121.0	41.21
	43	60.5	22.04	76.3	27.04	93.6	33.12	100.8	35.91	108.7	38.94	115.6	41.92	121.0	44.30
	46	60.5	24.33	76.3	30.15	93.6	36.92	100.5	39.86	107.1	42.74	112.8	45.14	112.8	45.14
	48	60.5	26.34	76.3	32.20	91.5	38.58	91.8	38.88	91.8	38.88	91.8	38.88	91.8	38.88

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM740LTE5

Cooling Capacity (74HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	57.0	9.97	89.2	11.75	112.5	13.72	116.9	14.07	121.0	14.43	129.9	15.29	183.5	21.28
	12	57.0	9.97	89.2	11.77	112.5	13.92	116.9	14.22	121.0	14.72	129.9	15.59	183.5	21.68
	14	57.0	9.99	89.2	11.92	112.5	14.07	116.9	14.43	121.0	14.90	129.9	15.80	183.5	21.93
	16	57.0	9.99	89.2	12.06	112.5	14.22	116.9	14.57	121.0	15.08	129.9	15.95	183.5	22.37
	18	57.0	10.01	89.2	12.20	112.5	14.40	116.9	14.87	121.0	15.26	129.9	16.16	183.5	22.77
	20	57.0	10.03	89.2	12.35	112.5	14.57	116.9	15.08	121.0	15.44	129.9	16.49	183.5	23.25
	21	64.0	11.11	96.9	14.10	121.7	17.29	126.9	18.25	132.4	19.13	141.6	20.58	192.5	27.25
	23	78.1	13.83	112.1	18.48	140.2	23.64	147.3	25.41	155.0	27.59	165.2	29.90	210.5	36.51
	25	91.8	17.49	127.6	23.89	158.4	31.00	167.6	34.04	177.5	37.46	188.2	40.69	227.9	48.11
	27	105.8	22.19	142.8	30.06	176.5	39.73	188.0	44.10	199.5	48.86	211.1	53.56	245.2	62.84
	29	119.9	27.25	158.3	37.22	195.0	49.72	208.3	55.92	221.1	62.14	233.6	68.75	260.7	77.81
	31	133.9	33.03	173.5	45.39	213.1	61.95	228.7	70.11	242.3	78.28	255.5	87.07	271.9	91.91
	33	147.6	39.65	188.7	55.01	231.6	75.81	247.9	85.96	259.5	93.87	260.4	94.06	267.5	95.76
	35	161.7	47.42	204.2	65.75	249.8	91.63	256.8	96.62	256.7	96.61	256.7	96.61	256.7	96.61
	37	161.7	50.86	204.2	70.98	233.1	88.50	233.1	88.50	233.1	88.50	233.1	88.50	233.1	88.50
	39	161.7	54.50	203.6	76.37	206.5	78.27	206.5	78.27	206.5	78.27	206.5	78.27	206.5	78.27
	41	161.7	58.75	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64
	43	155.1	59.49	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89
	46	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17
	48	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28
120	10	52.6	9.97	82.5	11.18	104.0	12.96	107.7	13.28	111.7	13.60	119.9	14.40	169.4	19.57
	12	52.6	9.97	82.5	11.20	104.0	13.10	107.7	13.43	111.7	13.75	119.9	14.55	169.4	19.82
	14	52.6	9.97	82.5	11.35	104.0	13.28	107.7	13.57	111.7	13.92	119.9	14.75	169.4	20.22
	16	52.6	9.97	82.5	11.46	104.0	13.43	107.7	13.75	111.7	14.07	119.9	14.90	169.4	20.62
	18	52.6	9.97	82.5	11.60	104.0	13.57	107.7	13.92	111.7	14.25	119.9	15.08	169.4	20.84
	20	52.6	9.97	82.5	11.75	104.0	13.72	107.7	14.07	111.7	14.55	119.9	15.41	169.4	21.28
	21	59.2	10.83	89.5	13.23	112.5	16.02	117.3	16.79	122.1	17.72	131.0	18.96	178.0	24.79
	23	72.1	13.10	103.6	16.90	129.2	21.59	135.8	23.17	142.8	24.91	152.8	27.03	195.2	32.94
	25	84.8	16.13	117.7	21.75	146.2	27.94	154.7	30.51	163.9	33.55	175.0	36.67	211.8	42.64
	27	97.7	20.24	131.8	27.14	163.1	35.48	173.5	39.16	184.6	43.46	197.0	47.79	228.3	55.11
	29	110.6	24.86	146.1	33.43	179.8	44.06	192.4	49.23	205.4	55.09	218.0	60.69	244.5	69.13
	31	123.6	29.98	160.2	40.64	196.8	54.57	211.2	61.27	226.4	69.35	239.0	76.35	260.0	84.74
	33	136.5	35.83	174.3	49.09	213.8	66.47	229.8	75.16	246.3	85.07	259.2	93.84	265.7	95.29
	35	149.1	42.78	188.4	58.38	230.5	79.77	248.6	90.94	256.8	96.63	256.7	96.61	256.7	96.61
	37	149.1	45.67	188.4	62.82	229.9	86.18	233.1	88.50	233.1	88.50	233.1	88.50	233.1	88.50
	39	149.1	49.04	188.4	67.96	206.5	78.27	206.5	78.27	206.5	78.27	206.5	78.27	206.5	78.27
	41	149.1	52.59	180.0	68.21	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64
	43	149.1	56.68	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89
	46	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17
	48	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28
110	10	48.1	9.97	75.5	10.64	95.4	12.20	98.8	12.50	102.5	12.79	109.9	13.43	155.1	18.01
	12	48.1	9.97	75.5	10.76	95.4	12.35	98.8	12.64	102.5	12.96	109.9	13.60	155.1	18.22
	14	48.1	9.97	75.5	10.78	95.4	12.50	98.8	12.79	102.5	13.10	109.9	13.75	155.1	18.59
	16	48.1	9.97	75.5	10.92	95.4	12.64	98.8	12.93	102.5	13.28	109.9	13.92	155.1	18.80
	18	48.1	9.97	75.5	11.04	95.4	12.79	98.8	13.08	102.5	13.43	109.9	14.07	155.1	19.17
	20	48.1	9.97	75.5	11.18	95.4	12.93	98.8	13.28	102.5	13.57	109.9	14.40	155.1	19.42
	21	54.0	10.64	82.1	12.37	103.2	14.83	107.3	15.55	112.1	16.26	119.9	17.43	163.2	22.41
	23	65.9	12.43	95.1	15.44	118.4	19.49	124.7	20.87	131.0	22.53	140.2	24.25	179.1	29.37
	25	77.7	14.96	108.0	19.53	134.0	25.05	141.7	27.25	150.2	29.77	160.5	32.41	194.6	37.76
	27	89.5	18.37	121.0	24.48	149.5	31.52	159.1	34.67	169.4	38.27	180.6	41.94	210.5	48.00
	29	101.4	22.66	133.9	30.01	165.0	39.03	176.2	43.26	188.3	48.11	200.9	53.12	226.4	60.57
	31	113.2	27.19	146.9	36.26	180.5	47.85	193.5	53.30	207.6	59.92	221.2	66.51	241.8	74.02
	33	125.0	32.39	159.8	43.60	195.8	58.16	210.9	65.09	226.8	73.57	241.3	81.99	256.4	89.19
	35	136.9	38.39	172.8	51.92	211.3	69.50	227.9	78.25	245.7	89.16	256.9	96.64	256.7	96.61
	37	136.9	41.04	172.8	55.62	211.3	75.06	227.9	84.89	232.8	88.29	233.1	88.50	233.1	88.50
	39	136.9	43.85	172.8	59.82	205.0	77.25	206.5	78.27	206.5	78.27	206.5	78.27	206.5	78.27
	41	136.9	47.11	172.8	64.38	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64
	43	136.9	50.56	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89
	46	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17
	48	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28

7. Capacity Tables

Cooling Capacity (74HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	44.0	9.97	68.5	10.11	86.6	11.46	89.9	11.75	93.2	12.04	99.9	12.64	141.0	16.49
	12	44.0	9.97	68.5	10.25	86.6	11.60	89.9	11.89	93.2	12.18	99.9	12.67	141.0	16.70
	14	44.0	9.97	68.5	10.25	86.6	11.75	89.9	12.04	93.2	12.20	99.9	12.81	141.0	16.88
	16	44.0	9.97	68.5	10.36	86.6	11.89	89.9	12.06	93.2	12.35	99.9	12.96	141.0	17.25
	18	44.0	9.97	68.5	10.50	86.6	11.92	89.9	12.20	93.2	12.50	99.9	13.10	141.0	17.46
	20	44.0	9.97	68.5	10.53	86.6	12.06	89.9	12.35	93.2	12.67	99.9	13.28	141.0	17.79
	21	49.2	10.45	74.4	11.49	93.6	13.58	97.7	14.17	101.8	14.86	109.1	15.78	148.4	20.29
	23	59.9	11.84	86.2	14.03	107.7	17.49	113.2	18.81	119.1	20.18	127.3	21.72	162.8	26.15
	25	70.7	13.85	98.1	17.47	121.7	22.42	129.1	24.33	136.5	26.36	145.8	28.57	177.2	33.06
	27	81.4	16.62	109.9	21.94	135.8	28.01	144.7	30.54	153.9	33.52	164.3	36.62	191.3	41.31
	29	92.1	20.38	121.7	26.63	149.9	34.33	160.2	37.79	171.3	41.92	182.7	45.82	205.7	51.64
	31	102.9	24.61	133.6	32.03	163.9	41.69	175.8	46.34	188.7	51.43	200.9	56.86	220.2	63.36
	33	113.6	28.95	145.4	38.45	178.0	50.58	191.6	56.13	206.1	63.09	219.4	69.79	234.6	76.15
	35	124.3	34.25	157.2	45.55	192.1	60.17	207.2	67.16	223.5	75.97	237.9	84.12	249.0	91.37
	37	124.3	36.68	157.2	48.88	192.1	64.70	207.2	72.57	223.5	82.09	231.3	87.12	233.1	88.50
	39	124.3	39.28	157.2	52.38	192.1	69.89	204.2	76.72	206.5	78.27	206.5	78.27	206.5	78.27
	41	124.3	41.93	157.2	56.48	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64	180.6	68.64
	43	124.3	45.11	154.2	58.96	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89
	46	119.8	47.76	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17
	48	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28
90	10	39.6	9.97	61.8	10.03	78.1	10.78	80.7	11.04	83.6	11.32	89.9	11.75	126.9	15.08
	12	39.6	9.97	61.8	10.03	78.1	10.92	80.7	11.18	83.6	11.35	89.9	11.89	126.9	15.26
	14	39.6	9.97	61.8	10.05	78.1	11.04	80.7	11.20	83.6	11.46	89.9	12.04	126.9	15.44
	16	39.6	9.97	61.8	10.05	78.1	11.06	80.7	11.35	83.6	11.60	89.9	12.06	126.9	15.62
	18	39.6	9.97	61.8	10.07	78.1	11.20	80.7	11.46	83.6	11.75	89.9	12.20	126.9	15.95
	20	39.6	9.97	61.8	10.09	78.1	11.35	80.7	11.60	83.6	11.89	89.9	12.35	126.9	16.13
	21	44.4	10.30	67.0	10.83	84.4	12.53	87.7	13.05	91.7	13.64	98.1	14.35	133.5	18.10
	23	54.0	11.31	77.7	12.75	96.9	15.57	102.1	16.65	107.3	17.87	114.7	19.30	146.5	23.05
	25	63.6	12.84	88.4	15.44	109.5	19.73	116.2	21.42	122.8	23.20	131.3	25.10	159.4	28.86
	27	73.3	15.03	98.8	19.19	122.4	24.66	130.2	26.82	138.4	29.26	147.7	31.79	172.4	35.71
	29	82.9	18.08	109.5	23.61	135.0	30.09	144.3	32.93	154.3	36.28	164.3	39.49	185.3	43.73
	31	92.5	22.13	120.2	28.31	147.6	36.30	158.4	40.03	169.8	44.34	180.9	48.34	198.3	53.63
	33	102.1	25.92	130.6	33.71	160.2	43.67	172.4	48.33	185.4	53.65	197.6	58.95	211.2	64.13
	35	112.1	30.30	141.3	39.87	172.8	51.92	186.5	57.54	200.9	64.31	213.9	70.92	224.2	76.11
	37	112.1	32.55	141.3	42.65	172.8	55.62	186.5	61.92	200.9	69.43	213.9	76.59	224.2	82.60
	39	112.1	34.88	141.3	45.78	172.8	59.86	186.5	66.62	200.9	74.70	205.5	77.54	206.5	78.27
	41	112.1	37.11	141.3	49.15	172.8	64.42	179.6	67.96	180.6	68.64	180.6	68.64	180.6	68.64
	43	112.1	39.98	141.3	52.66	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89
	46	112.1	44.31	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17
	48	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28
80	10	35.1	9.97	54.8	9.97	69.2	10.11	71.8	10.36	74.4	10.53	79.9	10.95	112.9	13.72
	12	35.1	9.97	54.8	9.97	69.2	10.25	71.8	10.38	74.4	10.64	79.9	11.04	112.9	13.92
	14	35.1	9.97	54.8	9.97	69.2	10.36	71.8	10.53	74.4	10.76	79.9	11.18	112.9	14.07
	16	35.1	9.97	54.8	9.97	69.2	10.38	71.8	10.62	74.4	10.78	79.9	11.32	112.9	14.22
	18	35.1	9.97	54.8	9.97	69.2	10.53	71.8	10.76	74.4	10.92	79.9	11.35	112.9	14.43
	20	35.1	9.97	54.8	9.99	69.2	10.62	71.8	10.78	74.4	11.04	79.9	11.46	112.9	14.57
	21	39.3	10.15	59.6	10.51	75.1	11.54	78.1	11.89	81.4	12.37	87.3	13.01	118.7	16.09
	23	48.1	10.82	69.2	11.92	86.2	13.86	90.6	14.78	95.4	15.72	102.1	16.88	130.2	20.02
	25	56.6	11.88	78.5	13.99	97.3	17.16	103.2	18.57	109.2	20.22	116.6	21.87	141.7	24.97
	27	65.1	13.60	88.0	16.82	108.8	21.46	115.8	23.27	123.2	25.33	131.4	27.32	153.2	30.54
	29	73.7	16.07	97.3	20.64	119.9	26.06	128.4	28.39	136.9	31.09	146.1	33.73	164.7	37.04
	31	82.2	19.38	106.9	24.85	131.3	31.27	140.6	34.42	151.0	37.82	160.9	40.96	176.1	45.03
	33	91.0	22.86	116.2	29.29	142.5	37.47	153.2	41.17	164.7	45.39	175.4	49.70	187.6	53.73
	35	99.5	26.79	125.8	34.58	153.6	44.34	165.8	49.03	178.7	54.40	190.2	59.30	199.1	63.40
	37	99.5	28.60	125.8	37.04	153.6	47.63	165.8	52.55	178.7	58.25	190.2	63.73	199.1	68.48
	39	99.5	30.54	125.8	39.64	153.6	51.06	165.8	56.32	178.7	62.70	190.2	68.61	199.1	73.68
	41	99.5	32.79	125.8	42.65	153.6	54.72	165.8	60.66	178.1	67.06	180.3	68.39	180.6	68.64
	43	99.5	35.14	125.8	45.54	153.6	58.65	155.9	59.89	155.9	59.89	155.9	59.89	155.9	59.89
	46	99.5	38.87	120.1	47.90	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17
	48	97.1	40.88	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28

7. Capacity Tables

Cooling Capacity (74HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	30.7	9.97	48.1	9.97	60.7	10.01	62.9	10.03	65.1	10.07	69.9	10.25	98.8	12.50
	12	30.7	9.97	48.1	9.97	60.7	10.01	62.9	10.05	65.1	10.07	69.9	10.27	98.8	12.64
	14	30.7	9.97	48.1	9.97	60.7	10.03	62.9	10.07	65.1	10.09	69.9	10.36	98.8	12.79
	16	30.7	9.97	48.1	9.97	60.7	10.05	62.9	10.07	65.1	10.11	69.9	10.50	98.8	12.93
	18	30.7	9.97	48.1	9.97	60.7	10.05	62.9	10.09	65.1	10.25	69.9	10.53	98.8	13.08
	20	30.7	9.97	48.1	9.97	60.7	10.07	62.9	10.11	65.1	10.25	69.9	10.64	98.8	13.28
	21	34.4	10.04	52.2	10.27	65.5	10.70	68.4	10.92	71.4	11.22	76.2	11.78	103.9	14.36
	23	41.8	10.37	60.3	11.20	75.5	12.42	79.2	12.96	83.3	13.81	89.2	14.70	113.9	17.21
	25	49.6	11.09	68.8	12.69	85.1	14.86	90.3	15.95	95.5	17.12	102.1	18.50	123.9	21.16
	27	57.0	12.27	77.0	14.83	95.1	18.12	101.4	19.79	107.7	21.64	115.0	23.31	134.0	25.97
	29	64.4	14.14	85.1	17.83	105.1	22.38	112.1	24.37	119.9	26.48	127.7	28.53	144.0	31.16
	31	72.1	16.73	93.6	21.71	114.7	26.83	123.2	29.11	132.1	31.88	140.6	34.45	154.3	37.24
	33	79.5	20.20	101.7	25.42	124.7	31.90	134.0	34.65	144.3	38.12	153.6	41.46	164.3	44.64
	35	87.0	23.29	109.9	29.65	134.6	37.65	145.0	41.28	156.5	45.43	166.5	49.12	174.3	52.35
	37	87.0	24.92	109.9	31.86	134.6	40.28	145.0	44.10	156.5	48.52	166.5	52.94	174.3	56.36
	39	87.0	26.67	109.9	34.18	134.6	43.06	145.0	47.39	156.5	51.98	166.5	56.72	174.3	60.39
	41	87.0	28.48	109.9	36.42	134.6	46.23	145.0	50.78	156.5	56.05	166.5	61.09	174.3	64.99
	43	87.0	30.65	109.9	39.20	134.6	49.63	145.0	54.45	154.1	58.88	155.9	59.89	155.9	59.89
	46	87.0	34.03	109.9	43.46	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17	120.6	48.17
	48	87.0	36.46	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28
60	10	26.3	9.97	41.1	9.97	52.1	9.97	54.0	9.97	55.9	9.97	59.9	9.99	84.7	11.35
	12	26.3	9.97	41.1	9.97	52.1	9.97	54.0	9.97	55.9	9.97	59.9	10.01	84.7	11.46
	14	26.3	9.97	41.1	9.97	52.1	9.97	54.0	9.97	55.9	9.97	59.9	10.03	84.7	11.58
	16	26.3	9.97	41.1	9.97	52.1	9.97	54.0	9.97	55.9	9.97	59.9	10.03	84.7	11.60
	18	26.3	9.97	41.1	9.97	52.1	9.97	54.0	9.97	55.9	9.99	59.9	10.05	84.7	11.75
	20	26.3	9.97	41.1	9.97	52.1	9.97	54.0	9.97	55.9	10.01	59.9	10.07	84.7	11.89
	21	29.6	9.93	44.8	10.11	56.2	10.34	58.5	10.45	61.1	10.64	65.5	10.84	88.8	12.63
	23	35.9	10.00	51.8	10.63	64.7	11.46	68.1	11.85	71.4	12.32	76.6	12.81	97.7	14.73
	25	42.5	10.35	58.8	11.54	73.2	13.08	77.3	13.86	81.8	14.72	87.4	15.60	106.2	17.63
	27	48.8	11.10	65.9	13.01	81.4	15.44	86.6	16.64	92.5	17.97	98.4	19.30	114.7	21.49
	29	55.2	12.40	72.9	15.20	89.9	18.70	96.2	20.41	102.8	22.28	109.5	23.90	123.6	25.94
	31	61.8	14.46	80.0	18.32	98.4	22.82	105.5	24.63	113.2	26.54	120.6	28.49	132.1	30.67
	33	68.1	17.33	87.3	21.85	106.9	26.76	115.0	28.97	123.6	31.57	131.7	34.03	140.6	36.57
	35	74.7	20.26	94.3	25.31	115.4	31.27	124.3	34.25	134.0	37.37	142.8	40.27	149.5	42.81
	37	74.7	21.53	94.3	27.06	115.4	33.56	124.3	36.68	134.0	39.96	142.8	43.29	149.5	45.70
	39	74.7	23.06	94.3	28.90	115.4	36.00	124.3	39.28	134.0	42.97	142.8	46.24	149.5	49.07
	41	74.7	24.69	94.3	31.08	115.4	38.51	124.3	41.93	134.0	45.90	142.8	49.59	149.5	52.63
	43	74.7	26.42	94.3	33.12	115.4	41.18	124.3	45.11	134.0	49.27	142.8	53.48	149.5	56.68
	46	74.7	29.43	94.3	36.89	115.4	45.87	119.8	47.76	120.6	48.17	120.6	48.17	120.6	48.17
	48	74.7	31.46	94.3	39.52	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28	98.1	41.28
50	10	21.9	9.97	34.4	9.97	43.3	9.97	44.8	9.97	46.6	9.97	49.9	9.97	70.6	10.25
	12	21.9	9.97	34.4	9.97	43.3	9.97	44.8	9.97	46.6	9.97	49.9	9.97	70.6	10.36
	14	21.9	9.97	34.4	9.97	43.3	9.97	44.8	9.97	46.6	9.97	49.9	9.97	70.6	10.38
	16	21.9	9.97	34.4	9.97	43.3	9.97	44.8	9.97	46.6	9.97	49.9	9.97	70.6	10.53
	18	21.9	9.97	34.4	9.97	43.3	9.97	44.8	9.97	46.6	9.97	49.9	9.97	70.6	10.62
	20	21.9	9.97	34.4	9.97	43.3	9.97	44.8	9.97	46.6	9.97	49.9	9.97	70.6	10.76
	21	24.8	9.85	37.4	9.96	47.0	10.12	48.8	10.19	51.0	10.30	54.4	10.38	74.0	11.20
	23	30.0	9.67	43.3	10.11	54.0	10.68	56.6	10.97	59.6	11.31	63.7	11.61	81.4	12.48
	25	35.5	9.74	49.2	10.57	61.0	11.69	64.4	12.21	68.1	12.78	72.9	13.37	88.4	14.47
	27	40.7	10.09	55.1	11.44	68.1	13.23	72.2	14.02	77.0	14.98	82.1	15.89	95.8	17.21
	29	46.2	10.89	60.7	12.98	75.1	15.51	80.3	16.68	85.5	18.07	91.4	19.46	102.9	20.82
	31	51.4	12.26	66.6	15.14	82.1	18.64	88.0	20.36	94.3	21.97	100.6	23.50	110.2	24.95
	33	56.9	14.42	72.5	18.39	89.1	22.14	95.8	23.87	102.9	25.92	109.6	27.58	117.3	29.19
	35	62.2	17.20	78.5	21.09	96.2	25.67	103.6	27.77	111.7	30.26	118.8	32.50	124.4	34.25
	37	62.2	18.47	78.5	22.61	96.2	27.67	103.6	29.87	111.7	32.48	118.8	34.67	124.4	36.68
	39	62.2	19.63	78.5	24.21	96.2	29.52	103.6	31.88	111.7	34.64	118.8	37.13	124.4	39.28
	41	62.2	21.08	78.5	25.88	96.2	31.49	103.6	34.20	111.7	37.11	118.8	40.00	124.4	42.02
	43	62.2	22.63	78.5	27.73	96.2	33.81	103.6	36.68	111.7	39.73	118.8	42.75	124.4	45.11
	46	62.2	24.96	78.5	30.84	96.2	37.61	103.6	40.71	111.7	44.28	118.8	47.28	119.9	47.82
	48	62.2	26.97	78.5	32.88	96.2	40.27	97.9	41.21	98.1	41.28	98.1	41.28	98.1	41.28

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM760LTE5

Cooling Capacity (76HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	58.5	10.05	91.6	11.95	115.6	14.02	120.0	14.41	124.3	14.77	133.4	15.68	188.5	22.01
	12	58.5	10.07	91.6	11.97	115.6	14.23	120.0	14.56	124.3	15.10	133.4	16.01	188.5	22.42
	14	58.5	10.07	91.6	12.12	115.6	14.38	120.0	14.77	124.3	15.25	133.4	16.19	188.5	22.72
	16	58.5	10.10	91.6	12.29	115.6	14.56	120.0	14.92	124.3	15.46	133.4	16.38	188.5	23.16
	18	58.5	10.12	91.6	12.44	115.6	14.77	120.0	15.25	124.3	15.68	133.4	16.59	188.5	23.62
	20	58.5	10.14	91.6	12.58	115.6	14.92	120.0	15.46	124.3	15.83	133.4	16.96	188.5	24.10
	21	65.7	11.32	99.5	14.49	125.0	17.84	130.1	18.77	135.5	19.54	144.8	21.02	197.0	28.04
	23	80.2	14.26	115.2	19.21	144.0	24.64	150.4	26.15	157.4	27.96	167.6	30.27	214.1	37.18
	25	94.3	18.21	131.1	24.88	162.3	32.33	170.3	34.87	179.0	37.72	189.8	40.98	230.5	49.10
	27	108.7	23.12	146.7	31.45	180.2	41.29	189.9	44.89	200.2	49.04	211.9	53.76	246.8	63.61
	29	123.1	28.42	162.6	39.10	198.1	51.46	209.1	56.54	221.0	62.37	233.6	69.08	261.3	78.29
	31	137.5	34.53	178.2	47.88	215.3	63.70	227.9	70.27	241.5	78.44	254.9	87.25	271.8	92.26
	33	151.6	41.58	193.8	58.17	232.3	77.16	246.4	85.95	258.3	93.90	259.4	94.13	266.7	95.94
	35	166.1	49.81	209.8	69.79	248.9	92.32	254.9	96.55	254.9	96.55	254.9	96.55	254.9	96.55
	37	166.1	53.52	209.8	75.65	231.3	88.43	231.3	88.43	231.3	88.43	231.3	88.43	231.3	88.43
	39	166.1	57.40	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13
	41	165.9	61.91	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51
	43	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78
	46	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25
120	10	54.0	9.97	84.7	11.37	106.8	13.22	110.6	13.58	114.7	13.90	123.1	14.74	174.0	20.20
	12	54.0	9.99	84.7	11.40	106.8	13.37	110.6	13.73	114.7	14.05	123.1	14.92	174.0	20.49
	14	54.0	10.01	84.7	11.54	106.8	13.55	110.6	13.88	114.7	14.26	123.1	15.10	174.0	20.90
	16	54.0	10.03	84.7	11.66	106.8	13.73	110.6	14.05	114.7	14.41	123.1	15.28	174.0	21.30
	18	54.0	10.03	84.7	11.80	106.8	13.88	110.6	14.23	114.7	14.59	123.1	15.50	174.0	21.57
	20	54.0	10.05	84.7	11.95	106.8	14.05	110.6	14.41	114.7	14.89	123.1	15.80	174.0	22.01
	21	60.8	11.00	91.9	13.56	115.5	16.54	120.4	17.33	125.2	18.20	134.0	19.39	182.1	25.47
	23	74.1	13.48	106.4	17.56	132.7	22.45	139.5	24.13	145.9	25.60	155.4	27.48	198.5	33.55
	25	87.0	16.76	120.9	22.66	150.1	29.22	158.6	31.86	166.6	34.38	176.7	37.04	214.1	43.32
	27	100.3	21.13	135.3	28.33	167.6	37.29	177.3	40.78	186.6	44.27	197.7	47.98	229.7	55.87
	29	113.6	25.88	150.1	35.00	184.7	46.56	195.6	50.97	206.3	55.74	218.0	60.91	244.9	69.53
	31	126.9	31.27	164.5	42.70	201.8	57.68	213.5	63.12	225.8	69.63	238.1	76.50	259.6	85.01
	33	140.2	37.46	179.0	51.76	217.9	69.67	230.7	76.65	244.8	85.05	257.9	93.86	264.7	95.42
	35	153.2	44.84	193.5	61.71	233.4	82.88	248.0	91.81	254.9	96.55	254.9	96.55	254.9	96.55
	37	153.2	47.91	193.5	66.61	231.3	88.43	231.3	88.43	231.3	88.43	231.3	88.43	231.3	88.43
	39	153.2	51.47	192.5	71.47	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13
	41	153.2	55.32	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51
	43	150.9	58.25	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78
	46	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25
110	10	49.4	9.93	77.5	10.78	98.0	12.44	101.5	12.73	105.2	13.05	112.8	13.73	159.3	18.53
	12	49.4	9.93	77.5	10.92	98.0	12.58	101.5	12.90	105.2	13.22	112.8	13.90	159.3	18.76
	14	49.4	9.93	77.5	10.95	98.0	12.73	101.5	13.05	105.2	13.37	112.8	14.05	159.3	19.16
	16	49.4	9.95	77.5	11.09	98.0	12.90	101.5	13.20	105.2	13.55	112.8	14.26	159.3	19.38
	18	49.4	9.97	77.5	11.20	98.0	13.05	101.5	13.37	105.2	13.73	112.8	14.41	159.3	19.79
	20	49.4	9.97	77.5	11.35	98.0	13.20	101.5	13.55	105.2	13.88	112.8	14.74	159.3	20.05
	21	55.5	10.72	84.3	12.65	106.0	15.26	110.2	16.00	115.1	16.76	123.0	17.94	167.3	23.12
	23	67.7	12.71	97.6	16.00	121.6	20.25	128.0	21.68	134.5	23.45	143.5	25.07	182.8	30.21
	25	79.8	15.48	110.9	20.38	137.6	26.14	145.6	28.48	154.2	31.16	163.7	33.41	197.8	38.63
	27	92.0	19.14	124.2	25.52	153.5	33.00	163.4	36.41	173.4	39.98	183.2	43.04	212.6	49.02
	29	104.1	23.56	137.5	31.33	169.5	41.06	180.9	45.67	191.8	50.02	202.6	54.15	227.1	61.17
	31	116.3	28.29	150.9	37.98	185.4	50.54	198.7	56.56	210.2	61.94	221.6	67.30	241.2	74.23
	33	128.4	33.82	164.2	45.80	201.1	61.65	215.4	68.51	228.2	75.36	239.9	82.13	255.0	89.25
	35	140.6	40.10	177.5	54.66	217.0	73.95	231.3	81.63	245.6	90.40	254.9	96.55	254.9	96.55
	37	140.6	42.95	177.5	58.67	216.3	79.61	229.8	87.50	231.3	88.43	231.3	88.43	231.3	88.43
	39	140.6	45.93	177.5	63.23	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13
	41	140.6	49.38	174.9	66.47	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51
	43	140.6	53.10	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78
	46	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25

7. Capacity Tables

Cooling Capacity (76HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	45.2	9.93	70.3	10.25	88.9	11.66	92.3	11.95	95.7	12.26	102.6	12.88	144.8	16.96
	12	45.2	9.93	70.3	10.39	88.9	11.80	92.3	12.12	95.7	12.41	102.6	12.93	144.8	17.17
	14	45.2	9.93	70.3	10.41	88.9	11.95	92.3	12.26	95.7	12.44	102.6	13.08	144.8	17.39
	16	45.2	9.93	70.3	10.52	88.9	12.09	92.3	12.29	95.7	12.61	102.6	13.22	144.8	17.76
	18	45.2	9.93	70.3	10.67	88.9	12.14	92.3	12.44	95.7	12.76	102.6	13.40	144.8	17.98
	20	45.2	9.93	70.3	10.69	88.9	12.29	92.3	12.61	95.7	12.90	102.6	13.58	144.8	18.35
	21	50.5	10.49	76.4	11.74	96.2	13.95	100.3	14.59	104.5	15.28	112.1	16.27	152.4	21.03
	23	61.6	12.03	88.6	14.49	110.6	18.19	116.3	19.53	122.4	20.96	130.8	22.58	167.2	27.29
	25	72.6	14.22	100.7	18.21	125.0	23.34	132.6	25.35	140.2	27.55	149.7	29.92	181.7	34.54
	27	83.6	17.24	112.9	22.86	139.5	29.26	148.6	31.98	158.1	35.18	168.7	38.53	195.5	43.12
	29	94.6	21.22	125.0	27.76	153.9	35.97	164.6	39.71	175.9	44.19	187.2	48.13	209.3	53.69
	31	105.6	25.51	137.2	33.47	168.4	43.89	180.5	48.88	193.8	54.47	204.8	59.45	222.6	65.18
	33	116.7	30.16	149.3	40.27	182.8	53.37	196.8	59.47	211.4	66.92	222.2	72.33	235.6	77.61
	35	127.7	35.70	161.5	47.82	197.2	63.65	212.8	71.41	227.8	79.87	239.3	86.35	248.3	92.23
	37	127.7	38.26	161.5	51.35	197.2	68.65	212.8	77.41	226.2	85.25	231.3	88.43	231.3	88.43
	39	127.7	40.99	161.5	55.13	195.5	73.06	204.8	78.13	204.8	78.13	204.8	78.13	204.8	78.13
	41	127.7	43.85	161.5	59.57	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51
	43	127.7	47.21	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78
	46	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25
90	10	40.6	9.93	63.5	10.14	80.2	10.95	82.9	11.20	85.9	11.52	92.3	11.95	130.4	15.46
	12	40.6	9.93	63.5	10.14	80.2	11.09	82.9	11.35	85.9	11.54	92.3	12.12	130.4	15.65
	14	40.6	9.93	63.5	10.16	80.2	11.20	82.9	11.40	85.9	11.66	92.3	12.26	130.4	15.83
	16	40.6	9.93	63.5	10.18	80.2	11.23	82.9	11.54	85.9	11.80	92.3	12.29	130.4	16.04
	18	40.6	9.93	63.5	10.20	80.2	11.37	82.9	11.66	85.9	11.95	92.3	12.44	130.4	16.38
	20	40.6	9.93	63.5	10.22	80.2	11.54	82.9	11.80	85.9	12.12	92.3	12.61	130.4	16.59
	21	45.6	10.32	68.8	11.04	86.6	12.84	90.1	13.38	94.2	14.01	100.7	14.78	137.2	18.73
	23	55.5	11.46	79.8	13.14	99.6	16.13	104.8	17.30	110.2	18.57	117.8	20.04	150.5	23.99
	25	65.4	13.15	90.8	16.04	112.5	20.56	119.3	22.31	126.2	24.18	134.9	26.18	163.8	30.16
	27	75.2	15.51	101.5	20.06	125.7	25.70	133.7	27.97	142.1	30.62	151.7	33.30	177.1	37.50
	29	85.1	18.80	112.5	24.53	138.7	31.45	148.2	34.48	158.4	38.08	168.7	41.58	190.4	46.26
	31	95.0	22.90	123.5	29.50	151.6	38.04	162.6	42.06	174.4	46.67	185.8	51.07	203.7	56.81
	33	104.9	26.92	134.2	35.22	164.6	45.92	177.1	50.92	190.4	56.75	202.9	62.55	216.6	67.91
	35	115.1	31.52	145.2	41.69	177.5	54.66	191.5	60.77	206.4	68.20	219.7	75.51	228.4	79.93
	37	115.1	33.87	145.2	44.68	177.5	58.67	191.5	65.53	206.4	73.93	218.4	80.87	226.8	85.67
	39	115.1	36.32	145.2	47.98	177.5	63.33	191.0	70.36	202.7	76.87	204.8	78.13	204.8	78.13
	41	115.1	38.67	145.2	51.55	174.9	66.50	179.1	68.51	179.1	68.51	179.1	68.51	179.1	68.51
	43	115.1	41.68	144.6	55.01	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78
	46	114.0	45.71	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25
80	10	36.1	9.93	56.3	10.01	71.1	10.25	73.7	10.50	76.4	10.67	82.1	11.11	115.9	14.05
	12	36.1	9.93	56.3	10.03	71.1	10.39	73.7	10.52	76.4	10.78	82.1	11.23	115.9	14.23
	14	36.1	9.93	56.3	10.05	71.1	10.50	73.7	10.67	76.4	10.92	82.1	11.37	115.9	14.41
	16	36.1	9.93	56.3	10.05	71.1	10.52	73.7	10.78	76.4	10.95	82.1	11.52	115.9	14.56
	18	36.1	9.93	56.3	10.07	71.1	10.67	73.7	10.92	76.4	11.09	82.1	11.54	115.9	14.77
	20	36.1	9.93	56.3	10.10	71.1	10.78	73.7	10.95	76.4	11.23	82.1	11.66	115.9	14.92
	21	40.3	10.17	61.2	10.67	77.1	11.79	80.2	12.16	83.6	12.68	89.7	13.34	121.9	16.58
	23	49.4	10.94	71.0	12.23	88.5	14.31	93.1	15.28	98.0	16.29	104.8	17.53	133.7	20.82
	25	58.1	12.12	80.6	14.46	100.0	17.85	106.0	19.36	112.1	21.06	119.7	22.76	145.5	26.02
	27	66.9	13.99	90.4	17.50	111.7	22.38	118.9	24.25	126.5	26.40	134.9	28.50	157.3	31.95
	29	75.6	16.67	100.0	21.51	123.1	27.13	131.8	29.64	140.6	32.51	150.1	35.34	169.1	38.91
	31	84.4	20.14	109.8	25.83	134.9	32.69	144.4	36.01	155.0	39.67	165.3	43.07	180.9	47.50
	33	93.5	23.68	119.3	30.52	146.3	39.26	157.3	43.18	169.1	47.76	180.2	52.45	192.7	56.75
	35	102.2	27.78	129.2	36.09	157.7	46.51	170.2	51.54	183.5	57.30	195.3	62.68	204.5	67.18
	37	102.2	29.73	129.2	38.68	157.7	49.99	170.2	55.34	183.5	61.55	195.3	67.56	204.5	72.78
	39	102.2	31.72	129.2	41.42	157.7	53.69	170.2	59.44	183.5	66.39	194.0	71.95	201.2	76.03
	41	102.2	34.07	129.2	44.59	157.7	57.67	169.2	63.44	179.1	68.51	179.1	68.51	179.1	68.51
	43	102.2	36.55	129.2	47.71	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78	154.5	59.78
	46	102.2	40.44	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25

7. Capacity Tables

Cooling Capacity (76HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	31.5	9.93	49.4	9.93	62.3	10.12	64.6	10.14	66.9	10.18	71.8	10.39	101.5	12.73
	12	31.5	9.93	49.4	9.93	62.3	10.12	64.6	10.16	66.9	10.20	71.8	10.41	101.5	12.90
	14	31.5	9.93	49.4	9.93	62.3	10.14	64.6	10.18	66.9	10.22	71.8	10.52	101.5	13.05
	16	31.5	9.93	49.4	9.95	62.3	10.16	64.6	10.20	66.9	10.25	71.8	10.67	101.5	13.20
	18	31.5	9.93	49.4	9.95	62.3	10.18	64.6	10.22	66.9	10.39	71.8	10.69	101.5	13.37
	20	31.5	9.93	49.4	9.97	62.3	10.20	64.6	10.25	66.9	10.41	71.8	10.80	101.5	13.55
	21	35.4	10.04	53.6	10.32	67.3	10.90	70.3	11.13	73.3	11.47	78.3	12.05	106.7	14.73
	23	43.0	10.46	62.0	11.39	77.5	12.76	81.3	13.35	85.5	14.25	91.6	15.20	117.0	17.86
	25	50.9	11.27	70.7	13.02	87.4	15.41	92.7	16.57	98.1	17.84	104.9	19.29	127.3	22.08
	27	58.5	12.57	79.0	15.35	97.7	18.90	104.1	20.67	110.6	22.55	118.2	24.27	137.6	27.04
	29	66.2	14.59	87.4	18.58	107.9	23.29	115.2	25.34	123.1	27.60	131.1	29.77	147.9	32.57
	31	74.1	17.39	96.1	22.53	117.8	27.91	126.5	30.35	135.7	33.32	144.4	36.04	158.4	39.13
	33	81.7	20.85	104.5	26.39	128.1	33.27	137.6	36.25	148.2	39.92	157.7	43.47	168.7	46.89
	35	89.3	24.12	112.9	30.84	138.3	39.34	149.0	43.24	160.7	47.69	171.0	51.64	179.0	55.17
	37	89.3	25.84	112.9	33.16	138.3	42.12	149.0	46.22	160.7	50.98	171.0	55.75	179.0	59.50
	39	89.3	27.63	112.9	35.60	138.3	45.06	149.0	49.70	160.7	54.72	171.0	59.85	179.0	63.90
	41	89.3	29.53	112.9	37.91	138.3	48.46	149.0	53.36	160.7	59.05	169.8	63.80	176.1	66.92
	43	89.3	31.80	112.9	40.88	138.3	52.07	147.6	56.45	154.5	59.78	154.5	59.78	154.5	59.78
	46	89.3	35.31	112.2	45.05	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	89.3	37.86	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25
60	10	27.0	9.93	42.2	9.93	53.5	9.97	55.5	9.99	57.4	10.03	61.6	10.10	87.0	11.52
	12	27.0	9.93	42.2	9.93	53.5	9.99	55.5	10.01	57.4	10.05	61.6	10.12	87.0	11.63
	14	27.0	9.93	42.2	9.93	53.5	9.99	55.5	10.03	57.4	10.05	61.6	10.14	87.0	11.80
	16	27.0	9.93	42.2	9.93	53.5	10.01	55.5	10.05	57.4	10.07	61.6	10.14	87.0	11.83
	18	27.0	9.93	42.2	9.93	53.5	10.03	55.5	10.05	57.4	10.10	61.6	10.16	87.0	11.97
	20	27.0	9.93	42.2	9.93	53.5	10.05	55.5	10.07	57.4	10.12	61.6	10.18	87.0	12.12
	21	30.4	9.92	46.0	10.12	57.8	10.48	60.1	10.62	62.7	10.81	67.2	11.03	91.2	12.93
	23	36.9	10.05	53.2	10.74	66.5	11.71	69.9	12.15	73.4	12.65	78.6	13.19	100.3	15.23
	25	43.7	10.48	60.4	11.76	75.2	13.49	79.4	14.33	84.0	15.24	89.7	16.21	109.1	18.34
	27	50.2	11.34	67.7	13.37	83.6	16.04	89.0	17.33	95.0	18.76	101.1	20.17	117.8	22.46
	29	56.7	12.74	74.9	15.72	92.4	19.53	98.8	21.29	105.6	23.19	112.5	24.86	126.9	27.03
	31	63.4	14.96	82.1	19.07	101.1	23.68	108.3	25.56	116.3	27.63	123.9	29.72	135.7	32.01
	33	69.9	17.97	89.6	22.60	109.8	27.80	118.2	30.18	126.9	32.94	135.3	35.56	144.4	38.30
	35	76.7	20.90	96.9	26.22	118.5	32.60	127.7	35.70	137.6	39.02	146.6	42.15	153.5	44.87
	37	76.7	22.21	96.9	28.06	118.5	35.00	127.7	38.26	137.6	41.79	146.6	45.33	153.5	47.94
	39	76.7	23.81	96.9	30.00	118.5	37.52	127.7	40.99	137.6	44.96	146.6	48.46	153.5	51.51
	41	76.7	25.52	96.9	32.28	118.5	40.16	127.7	43.85	137.6	48.12	146.6	52.07	153.5	55.36
	43	76.7	27.34	96.9	34.38	118.5	42.98	127.7	47.21	137.6	51.70	145.8	55.70	151.2	58.25
	46	76.7	30.46	96.9	38.35	116.7	47.00	119.4	48.08	119.4	48.08	119.4	48.08	119.4	48.08
	48	76.7	32.53	95.3	40.32	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25
50	10	22.4	9.93	35.3	9.93	44.5	9.93	46.0	9.93	47.9	9.93	51.3	9.93	72.6	10.39
	12	22.4	9.93	35.3	9.93	44.5	9.93	46.0	9.93	47.9	9.93	51.3	9.95	72.6	10.50
	14	22.4	9.93	35.3	9.93	44.5	9.93	46.0	9.93	47.9	9.93	51.3	9.97	72.6	10.52
	16	22.4	9.93	35.3	9.93	44.5	9.93	46.0	9.93	47.9	9.93	51.3	9.97	72.6	10.67
	18	22.4	9.93	35.3	9.93	44.5	9.93	46.0	9.93	47.9	9.93	51.3	9.99	72.6	10.78
	20	22.4	9.93	35.3	9.93	44.5	9.93	46.0	9.93	47.9	9.95	51.3	10.01	72.6	10.92
	21	25.4	9.83	38.4	9.96	48.2	10.13	50.2	10.21	52.4	10.34	55.9	10.48	76.0	11.42
	23	30.8	9.70	44.4	10.18	55.4	10.78	58.1	11.09	61.2	11.47	65.4	11.84	83.6	12.82
	25	36.4	9.83	50.5	10.71	62.7	11.91	66.1	12.49	70.0	13.10	74.9	13.78	90.8	14.98
	27	41.8	10.25	56.6	11.69	69.9	13.60	74.1	14.46	79.0	15.51	84.4	16.51	98.4	17.93
	29	47.5	11.16	62.4	13.36	77.1	16.09	82.4	17.34	87.8	18.83	93.8	20.33	105.7	21.73
	31	52.8	12.64	68.4	15.69	84.3	19.41	90.4	21.17	96.9	22.78	103.3	24.37	113.2	25.90
	33	58.5	14.94	74.5	19.03	91.6	22.91	98.4	24.75	105.7	26.89	112.5	28.72	120.5	30.40
	35	63.8	17.72	80.6	21.80	98.8	26.64	106.4	28.87	114.8	31.51	122.0	33.91	127.7	35.70
	37	63.8	19.02	80.6	23.35	98.8	28.69	106.4	31.03	114.8	33.84	122.0	36.14	127.7	38.26
	39	63.8	20.24	80.6	25.03	98.8	30.68	106.4	33.14	114.8	36.07	122.0	38.74	127.7	40.99
	41	63.8	21.72	80.6	26.78	98.8	32.70	106.4	35.58	114.8	38.66	122.0	41.75	127.7	43.88
	43	63.8	23.35	80.6	28.67	98.8	35.13	106.4	38.18	114.8	41.43	122.0	44.65	127.7	47.21
	46	63.8	25.72	80.6	31.95	98.8	39.15	106.4	42.44	113.7	45.68	119.4	48.08	119.4	48.08
	48	63.8	27.81	80.6	34.04	96.8	40.95	97.1	41.25	97.1	41.25	97.1	41.25	97.1	41.25

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM780LTE5

Cooling Capacity (78HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	60.1	10.88	94.0	12.41	118.6	14.43	123.2	14.79	127.5	15.14	136.9	16.05	193.4	22.17
	12	60.1	10.88	94.0	12.41	118.6	14.63	123.2	14.95	127.5	15.45	136.9	16.36	193.4	22.56
	14	60.1	10.88	94.0	12.57	118.6	14.79	123.2	15.14	127.5	15.62	136.9	16.56	193.4	22.84
	16	60.1	10.88	94.0	12.73	118.6	14.95	123.2	15.30	127.5	15.81	136.9	16.72	193.4	23.26
	18	60.1	10.88	94.0	12.89	118.6	15.14	123.2	15.62	127.5	16.00	136.9	16.92	193.4	23.70
	20	60.1	10.88	94.0	13.01	118.6	15.30	123.2	15.81	127.5	16.21	136.9	17.26	193.4	24.12
	21	67.5	11.95	102.2	14.77	128.3	18.04	133.8	19.01	139.6	19.95	149.4	21.46	203.2	28.30
	23	82.3	14.66	118.2	19.21	147.8	24.53	155.2	26.32	163.4	28.50	174.7	31.12	223.0	38.09
	25	96.8	18.32	134.5	24.71	166.9	32.01	176.7	35.08	187.2	38.58	199.7	42.43	242.6	50.46
	27	111.6	23.05	150.6	31.04	186.1	40.86	198.1	45.29	211.0	50.45	225.0	56.12	262.4	66.15
	29	126.3	28.27	166.9	38.38	205.5	51.08	219.6	57.27	234.8	64.45	250.3	72.40	280.8	82.72
	31	141.1	34.17	182.9	46.76	224.7	63.42	241.0	71.58	258.6	81.61	275.4	92.23	295.2	98.77
	33	155.6	40.96	198.9	56.60	244.1	77.47	262.5	88.34	278.8	98.65	283.9	101.28	294.4	105.15
	35	170.4	48.96	215.3	67.59	263.3	93.35	274.0	100.22	279.1	103.28	280.8	104.40	280.8	104.40
	37	170.4	52.49	215.3	72.90	247.1	90.50	251.0	92.87	251.0	92.87	251.0	92.87	251.0	92.87
	39	170.4	56.29	214.7	78.33	222.3	82.37	222.3	82.37	222.3	82.37	222.3	82.37	222.3	82.37
	41	170.4	60.64	194.0	72.13	194.5	72.40	194.5	72.40	194.5	72.40	194.5	72.40	194.5	72.40
	43	163.8	61.48	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42
	46	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14
	48	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96
120	10	55.4	10.88	86.9	11.82	109.6	13.64	113.5	13.99	117.8	14.31	126.3	15.14	178.6	20.45
	12	55.4	10.88	86.9	11.85	109.6	13.80	113.5	14.15	117.8	14.48	126.3	15.30	178.6	20.69
	14	55.4	10.88	86.9	12.01	109.6	13.99	113.5	14.31	117.8	14.67	126.3	15.50	178.6	21.07
	16	55.4	10.88	86.9	12.10	109.6	14.15	113.5	14.43	117.8	14.83	126.3	15.66	178.6	21.50
	18	55.4	10.88	86.9	12.26	109.6	14.27	113.5	14.63	117.8	14.95	126.3	15.85	178.6	21.70
	20	55.4	10.88	86.9	12.41	109.6	14.43	113.5	14.79	117.8	15.26	126.3	16.17	178.6	22.17
	21	62.4	11.72	94.4	13.90	118.5	16.75	123.6	17.53	128.7	18.46	138.0	19.76	187.6	25.72
	23	76.0	13.97	109.2	17.61	136.2	22.38	143.2	24.02	150.6	25.78	161.1	27.93	205.9	34.02
	25	89.3	17.00	124.0	22.51	154.1	28.90	163.0	31.50	172.7	34.56	184.5	37.76	223.9	44.10
	27	103.0	21.12	138.9	28.07	172.0	36.57	182.9	40.29	194.6	44.62	207.8	49.12	242.2	57.07
	29	116.6	25.83	154.0	34.52	189.6	45.36	202.8	50.57	216.5	56.45	230.9	62.68	260.5	72.00
	31	130.2	31.08	168.9	41.92	207.5	56.05	222.6	62.77	238.7	70.85	254.3	79.18	278.5	88.93
	33	143.9	37.07	183.7	50.55	225.4	68.13	242.2	76.85	260.5	87.22	277.3	97.98	287.2	101.17
	35	157.2	44.21	198.6	60.14	243.0	81.68	262.1	92.71	273.7	100.07	277.9	102.49	280.8	104.40
	37	157.2	47.24	198.6	64.68	242.4	88.02	246.8	90.36	251.0	92.87	251.0	92.87	251.0	92.87
	39	157.2	50.70	198.6	69.85	221.1	81.66	222.3	82.37	222.3	82.37	222.3	82.37	222.3	82.37
	41	157.2	54.34	190.2	70.19	194.5	72.40	194.5	72.40	194.5	72.40	194.5	72.40	194.5	72.40
	43	157.2	58.58	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42
	46	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14
	48	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96
110	10	50.7	10.88	79.6	11.30	100.6	12.89	104.1	13.17	108.0	13.48	115.8	14.15	163.4	18.84
	12	50.7	10.88	79.6	11.42	100.6	13.01	104.1	13.32	108.0	13.64	115.8	14.31	163.4	19.04
	14	50.7	10.88	79.6	11.42	100.6	13.17	104.1	13.48	108.0	13.80	115.8	14.48	163.4	19.42
	16	50.7	10.88	79.6	11.57	100.6	13.32	104.1	13.64	108.0	13.99	115.8	14.67	163.4	19.62
	18	50.7	10.88	79.6	11.66	100.6	13.48	104.1	13.80	108.0	14.15	115.8	14.79	163.4	20.02
	20	50.7	10.88	79.6	11.82	100.6	13.64	104.1	13.99	108.0	14.27	115.8	15.10	163.4	20.25
	21	57.0	11.53	86.5	13.01	108.8	15.55	113.1	16.27	118.1	16.98	126.4	18.15	172.0	23.27
	23	69.4	13.30	100.2	16.11	124.8	20.24	131.4	21.64	138.1	23.37	147.8	25.13	188.7	30.36
	25	81.9	15.83	113.9	20.26	141.2	25.93	149.4	28.16	158.3	30.72	169.2	33.42	205.2	38.87
	27	94.4	19.21	127.5	25.31	157.6	32.54	167.7	35.75	178.6	39.39	190.3	43.13	221.9	49.25
	29	106.9	23.52	141.2	30.99	173.9	40.23	185.7	44.55	198.5	49.42	211.8	54.45	238.7	61.95
	31	119.3	28.25	154.8	37.40	190.3	49.25	204.0	54.80	218.8	61.44	233.2	67.96	255.4	75.93
	33	131.8	33.55	168.5	44.95	206.4	59.81	222.3	66.75	239.0	75.23	254.3	83.69	272.2	92.09
	35	144.3	39.72	182.1	53.55	222.7	71.34	240.2	80.16	259.0	91.01	272.1	99.10	275.1	100.82
	37	144.3	42.48	182.1	57.33	222.7	76.91	240.2	86.81	246.1	89.94	249.9	92.24	251.0	92.87
	39	144.3	45.44	182.1	61.70	216.4	79.11	220.4	81.25	222.3	82.37	222.3	82.37	222.3	82.37
	41	144.3	48.78	182.1	66.35	194.5	72.40	194.5	72.40	194.5	72.40	194.5	72.40	194.5	72.40
	43	144.3	52.31	166.5	62.69	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42
	46	129.6	51.02	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14
	48	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96

7. Capacity Tables

Cooling Capacity (78HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	46.4	10.88	72.2	10.88	91.3	12.10	94.7	12.41	98.2	12.73	105.3	13.32	148.6	17.26
	12	46.4	10.88	72.2	11.00	91.3	12.26	94.7	12.57	98.2	12.85	105.3	13.36	148.6	17.51
	14	46.4	10.88	72.2	11.00	91.3	12.41	94.7	12.69	98.2	12.89	105.3	13.52	148.6	17.70
	16	46.4	10.88	72.2	11.09	91.3	12.57	94.7	12.73	98.2	13.05	105.3	13.64	148.6	18.05
	18	46.4	10.88	72.2	11.21	91.3	12.57	94.7	12.89	98.2	13.20	105.3	13.80	148.6	18.25
	20	46.4	10.88	72.2	11.21	91.3	12.73	94.7	13.05	98.2	13.32	105.3	13.99	148.6	18.60
	21	51.9	11.34	78.4	12.17	98.7	14.26	102.9	14.88	107.3	15.53	115.0	16.51	156.4	21.10
	23	63.2	12.69	90.9	14.72	113.5	18.20	119.4	19.54	125.6	20.93	134.2	22.54	171.6	27.07
	25	74.5	14.68	103.4	18.19	128.3	23.17	136.1	25.15	143.9	27.28	153.7	29.53	186.8	34.09
	27	85.8	17.45	115.8	22.70	143.2	28.95	152.5	31.56	162.2	34.57	173.1	37.75	201.7	42.51
	29	97.1	21.22	128.3	27.54	158.0	35.44	168.9	38.97	180.6	43.17	192.6	47.13	216.9	52.94
	31	108.4	25.57	140.8	33.14	172.8	43.01	185.3	47.69	198.9	52.88	211.8	58.37	232.1	64.84
	33	119.7	30.04	153.2	39.69	187.6	52.07	202.0	57.73	217.2	64.75	231.3	71.44	247.3	77.82
	35	131.1	35.41	165.7	47.01	202.4	61.90	218.4	69.00	235.5	77.80	250.7	85.94	262.5	93.24
	37	131.1	38.02	165.7	50.51	202.4	66.53	218.4	74.52	235.5	83.94	244.1	88.95	246.9	90.48
	39	131.1	40.68	165.7	54.15	202.4	71.80	215.4	78.60	219.3	80.69	222.3	82.37	222.3	82.37
	41	131.1	43.52	165.7	58.28	191.0	70.58	194.5	72.40	194.5	72.40	194.5	72.40	194.5	72.40
	43	131.1	46.79	162.7	60.91	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42
	46	126.6	49.70	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14
	48	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96
90	10	41.7	10.88	65.1	10.88	82.3	11.42	85.1	11.70	88.2	11.97	94.8	12.41	133.8	15.81
	12	41.7	10.88	65.1	10.88	82.3	11.57	85.1	11.82	88.2	12.01	94.8	12.57	133.8	16.00
	14	41.7	10.88	65.1	10.88	82.3	11.66	85.1	11.85	88.2	12.10	94.8	12.69	133.8	16.17
	16	41.7	10.88	65.1	10.88	82.3	11.70	85.1	11.97	88.2	12.26	94.8	12.73	133.8	16.36
	18	41.7	10.88	65.1	10.88	82.3	11.85	85.1	12.10	88.2	12.41	94.8	12.89	133.8	16.72
	20	41.7	10.88	65.1	10.88	82.3	11.97	85.1	12.26	88.2	12.53	94.8	13.05	133.8	16.92
	21	46.8	11.19	70.6	11.60	88.9	13.17	92.5	13.71	96.7	14.29	103.4	15.06	140.8	18.90
	23	56.9	12.16	81.9	13.52	102.2	16.26	107.6	17.34	113.1	18.60	120.9	20.03	154.4	23.86
	25	67.1	13.66	93.2	16.21	115.5	20.43	122.4	22.18	129.5	24.02	138.4	25.98	168.1	29.81
	27	77.2	15.83	104.2	19.97	129.0	25.48	137.3	27.73	145.9	30.26	155.7	32.81	181.7	36.82
	29	87.4	18.90	115.4	24.43	142.3	31.11	152.1	33.98	162.6	37.41	173.2	40.69	195.4	44.98
	31	97.5	22.94	126.7	29.31	155.6	37.45	166.9	41.27	179.0	45.64	190.7	49.74	209.0	55.03
	33	107.7	26.89	137.7	34.90	168.9	45.09	181.7	49.81	195.4	55.21	208.2	60.55	222.7	65.84
	35	118.1	31.37	149.0	41.21	182.2	53.55	196.6	59.24	211.8	66.11	225.5	72.76	236.3	77.98
	37	118.1	33.72	149.0	44.12	182.2	57.33	196.6	63.71	211.8	71.32	225.5	78.53	236.3	84.47
	39	118.1	36.22	149.0	47.39	182.2	61.73	196.6	68.51	211.8	76.69	217.1	79.49	219.5	80.71
	41	118.1	38.56	149.0	50.84	182.2	66.38	189.7	69.95	193.2	71.73	194.5	72.40	194.5	72.40
	43	118.1	41.57	149.0	54.57	166.6	62.69	167.9	63.42	167.9	63.42	167.9	63.42	167.9	63.42
	46	118.1	46.09	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14
	48	105.5	43.86	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96
80	10	37.0	10.88	57.8	10.88	73.0	10.88	75.7	11.09	78.4	11.21	84.2	11.57	119.0	14.43
	12	37.0	10.88	57.8	10.88	73.0	11.00	75.7	11.09	78.4	11.30	84.2	11.70	119.0	14.63
	14	37.0	10.88	57.8	10.88	73.0	11.09	75.7	11.21	78.4	11.42	84.2	11.82	119.0	14.79
	16	37.0	10.88	57.8	10.88	73.0	11.09	75.7	11.30	78.4	11.42	84.2	11.97	119.0	14.95
	18	37.0	10.88	57.8	10.88	73.0	11.21	75.7	11.42	78.4	11.57	84.2	12.01	119.0	15.14
	20	37.0	10.88	57.8	10.88	73.0	11.30	75.7	11.42	78.4	11.66	84.2	12.10	119.0	15.30
	21	41.4	11.04	62.8	11.38	79.1	12.22	82.3	12.53	85.8	13.00	92.0	13.66	125.2	16.83
	23	50.7	11.67	72.9	12.77	90.9	14.53	95.5	15.43	100.6	16.40	107.6	17.58	137.3	20.81
	25	59.7	12.69	82.7	14.79	102.6	17.84	108.8	19.27	115.1	20.95	122.9	22.64	149.4	25.80
	27	68.6	14.39	92.8	17.61	114.6	22.18	122.0	24.04	129.8	26.18	138.5	28.22	161.5	31.55
	29	77.6	16.84	102.6	21.46	126.4	26.98	135.3	29.37	144.3	32.11	154.0	34.79	173.6	38.18
	31	86.6	20.17	112.7	25.80	138.4	32.35	148.2	35.56	159.1	39.03	169.6	42.23	185.7	46.34
	33	95.9	23.75	122.5	30.35	150.2	38.75	161.5	42.53	173.6	46.78	184.9	51.21	197.8	55.24
	35	104.9	27.76	132.6	35.77	161.9	45.85	174.7	50.63	188.4	56.07	200.5	61.06	209.9	65.15
	37	104.9	29.70	132.6	38.41	161.9	49.23	174.7	54.24	188.4	60.00	200.5	65.56	209.9	70.32
	39	104.9	31.74	132.6	41.07	161.9	52.79	174.7	58.18	188.4	64.55	200.5	70.55	209.9	75.61
	41	104.9	34.09	132.6	44.22	161.9	56.54	174.7	62.53	187.8	68.99	190.6	70.33	192.8	71.47
	43	104.9	36.64	132.6	47.26	161.9	60.57	164.8	61.95	167.9	63.42	167.9	63.42	167.9	63.42
	46	104.9	40.47	126.9	49.81	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14
	48	102.5	42.63	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96

7. Capacity Tables

Cooling Capacity (78HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	32.4	10.88	50.7	10.88	64.0	10.88	66.3	10.88	68.6	10.88	73.7	11.00	104.1	13.17
	12	32.4	10.88	50.7	10.88	64.0	10.88	66.3	10.88	68.6	10.88	73.7	11.00	104.1	13.32
	14	32.4	10.88	50.7	10.88	64.0	10.88	66.3	10.88	68.6	10.88	73.7	11.09	104.1	13.48
	16	32.4	10.88	50.7	10.88	64.0	10.88	66.3	10.88	68.6	10.88	73.7	11.21	104.1	13.64
	18	32.4	10.88	50.7	10.88	64.0	10.88	66.3	10.88	68.6	11.00	73.7	11.21	104.1	13.80
	20	32.4	10.88	50.7	10.88	64.0	10.88	66.3	10.88	68.6	11.00	73.7	11.30	104.1	13.99
	21	36.3	10.93	55.0	11.15	69.1	11.49	72.1	11.68	75.2	11.96	80.4	12.44	109.5	15.07
	23	44.1	11.22	63.6	12.06	79.5	13.18	83.5	13.72	87.8	14.53	94.0	15.37	120.1	17.94
	25	52.2	11.90	72.5	13.51	89.7	15.63	95.2	16.71	100.6	17.87	107.6	19.21	130.6	21.91
	27	60.1	13.04	81.1	15.62	100.2	18.89	106.8	20.57	113.5	22.39	121.3	24.09	141.2	26.83
	29	67.9	14.89	89.7	18.63	110.7	23.18	118.2	25.23	126.4	27.43	134.6	29.51	151.7	32.22
	31	76.0	17.46	98.6	22.54	120.9	27.80	129.9	30.12	139.2	32.97	148.2	35.56	162.6	38.48
	33	83.8	20.97	107.2	26.40	131.4	32.99	141.2	35.88	152.1	39.40	161.9	42.77	173.1	46.04
	35	91.7	24.16	115.8	30.77	141.9	38.98	152.9	42.65	164.9	46.94	175.5	50.67	183.7	54.01
	37	91.7	25.92	115.8	33.08	141.9	41.67	152.9	45.61	164.9	50.12	175.5	54.66	183.7	58.11
	39	91.7	27.69	115.8	35.51	141.9	44.58	152.9	48.98	164.9	53.72	175.5	58.52	183.7	62.23
	41	91.7	29.64	115.8	37.81	141.9	47.89	152.9	52.60	164.9	57.90	175.5	62.99	183.7	66.93
	43	91.7	31.92	115.8	40.78	141.9	51.38	152.9	56.35	162.5	60.90	165.0	61.96	166.9	62.92
	46	91.7	35.52	115.8	45.23	129.0	50.79	129.9	51.14	129.9	51.14	129.9	51.14	129.9	51.14
	48	91.7	38.08	105.0	43.66	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96
60	10	27.7	10.88	43.3	10.88	54.9	10.88	56.9	10.88	58.9	10.88	63.2	10.88	89.3	11.97
	12	27.7	10.88	43.3	10.88	54.9	10.88	56.9	10.88	58.9	10.88	63.2	10.88	89.3	12.10
	14	27.7	10.88	43.3	10.88	54.9	10.88	56.9	10.88	58.9	10.88	63.2	10.88	89.3	12.26
	16	27.7	10.88	43.3	10.88	54.9	10.88	56.9	10.88	58.9	10.88	63.2	10.88	89.3	12.26
	18	27.7	10.88	43.3	10.88	54.9	10.88	56.9	10.88	58.9	10.88	63.2	10.88	89.3	12.41
	20	27.7	10.88	43.3	10.88	54.9	10.88	56.9	10.88	58.9	10.88	63.2	10.88	89.3	12.57
	21	31.2	10.82	47.2	11.00	59.3	11.23	61.6	11.34	64.4	11.49	69.0	11.64	93.6	13.31
	23	37.9	10.84	54.6	11.48	68.2	12.31	71.7	12.69	75.3	13.15	80.7	13.60	102.9	15.41
	25	44.8	11.14	62.0	12.35	77.2	13.90	81.5	14.68	86.2	15.52	92.1	16.39	111.9	18.34
	27	51.5	11.86	69.4	13.79	85.8	16.24	91.3	17.45	97.5	18.77	103.8	20.10	120.9	22.26
	29	58.2	13.12	76.9	15.95	94.8	19.52	101.4	21.22	108.4	23.11	115.5	24.76	130.2	26.86
	31	65.1	15.16	84.3	19.09	103.7	23.68	111.2	25.57	119.3	27.56	127.1	29.52	139.2	31.73
	33	71.8	18.01	92.0	22.69	112.7	27.75	121.3	30.04	130.3	32.71	138.8	35.21	148.2	37.78
	35	78.8	21.01	99.4	26.25	121.6	32.42	131.0	35.41	141.2	38.63	150.5	41.63	157.5	44.25
	37	78.8	22.39	99.4	28.09	121.6	34.81	131.0	38.02	141.2	41.39	150.5	44.78	157.5	47.28
	39	78.8	23.97	99.4	30.08	121.6	37.31	131.0	40.68	141.2	44.55	150.5	47.82	157.5	50.73
	41	78.8	25.73	99.4	32.35	121.6	40.00	131.0	43.52	141.2	47.61	150.5	51.31	157.5	54.37
	43	78.8	27.54	99.4	34.51	121.6	42.82	131.0	46.79	141.2	51.07	150.5	55.37	157.5	58.59
	46	78.8	30.74	99.4	38.43	121.6	47.69	126.5	49.70	128.9	50.69	129.9	51.14	129.9	51.14
	48	78.8	32.89	99.4	41.21	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96	105.7	43.96
50	10	23.0	10.88	36.2	10.88	45.6	10.88	47.2	10.88	49.1	10.88	52.6	10.88	74.5	11.00
	12	23.0	10.88	36.2	10.88	45.6	10.88	47.2	10.88	49.1	10.88	52.6	10.88	74.5	11.09
	14	23.0	10.88	36.2	10.88	45.6	10.88	47.2	10.88	49.1	10.88	52.6	10.88	74.5	11.09
	16	23.0	10.88	36.2	10.88	45.6	10.88	47.2	10.88	49.1	10.88	52.6	10.88	74.5	11.21
	18	23.0	10.88	36.2	10.88	45.6	10.88	47.2	10.88	49.1	10.88	52.6	10.88	74.5	11.30
	20	23.0	10.88	36.2	10.88	45.6	10.88	47.2	10.88	49.1	10.88	52.6	10.88	74.5	11.42
	21	26.1	10.74	39.4	10.85	49.5	11.00	51.5	11.08	53.8	11.19	57.4	11.27	78.0	11.85
	23	31.6	10.51	45.6	10.96	56.9	11.52	59.7	11.82	62.8	12.16	67.1	12.46	85.8	13.11
	25	37.4	10.53	51.8	11.37	64.3	12.49	67.9	13.02	71.8	13.60	76.8	14.19	93.2	15.12
	27	42.9	10.83	58.1	12.21	71.7	14.00	76.1	14.82	81.1	15.80	86.6	16.70	101.0	17.89
	29	48.7	11.59	64.0	13.71	79.1	16.30	84.6	17.46	90.1	18.86	96.3	20.29	108.4	21.55
	31	54.2	12.91	70.2	15.86	86.5	19.39	92.8	21.17	99.4	22.79	106.0	24.41	116.2	25.84
	33	60.0	15.02	76.5	19.09	94.0	23.02	101.0	24.81	108.5	26.89	115.5	28.64	123.6	30.20
	35	65.5	17.82	82.7	21.87	101.4	26.60	109.2	28.78	117.8	31.37	125.2	33.69	131.1	35.42
	37	65.5	19.17	82.7	23.50	101.4	28.69	109.2	30.97	117.8	33.68	125.2	35.91	131.1	38.02
	39	65.5	20.47	82.7	25.16	101.4	30.68	109.2	33.08	117.8	35.90	125.2	38.56	131.1	40.68
	41	65.5	21.98	82.7	26.97	101.4	32.75	109.2	35.58	117.8	38.55	125.2	41.49	131.1	43.56
	43	65.5	23.67	82.7	28.92	101.4	35.18	109.2	38.12	117.8	41.25	125.2	44.38	131.1	46.80
	46	65.5	26.11	82.7	32.22	101.4	39.22	109.2	42.38	117.8	46.05	125.2	49.17	126.6	49.71
	48	65.5	28.28	82.7	34.39	101.4	42.03	103.5	43.04	105.5	43.86	105.7	43.96	105.7	43.96

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM800LTE5

Cooling Capacity (80HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	61.6	10.84	96.4	12.60	121.6	14.72	126.4	15.08	130.8	15.44	140.4	16.36	198.4	22.76
	12	61.6	10.84	96.4	12.60	121.6	14.92	126.4	15.24	130.8	15.80	140.4	16.72	198.4	23.20
	14	61.6	10.84	96.4	12.76	121.6	15.08	126.4	15.44	130.8	15.96	140.4	16.92	198.4	23.44
	16	61.6	10.84	96.4	12.92	121.6	15.24	126.4	15.60	130.8	16.16	140.4	17.08	198.4	23.92
	18	61.6	10.84	96.4	13.08	121.6	15.44	126.4	15.96	130.8	16.36	140.4	17.28	198.4	24.36
	20	61.6	10.84	96.4	13.24	121.6	15.60	126.4	16.16	130.8	16.52	140.4	17.68	198.4	24.84
	21	69.2	12.00	104.8	15.12	131.6	18.52	137.2	19.56	143.2	20.48	153.2	22.12	208.4	29.28
	23	84.4	14.92	121.2	19.84	151.6	25.36	159.2	27.24	167.6	29.56	179.2	32.36	228.8	39.68
	25	99.2	18.84	138.0	25.60	171.2	33.24	181.2	36.52	192.0	40.24	204.8	44.36	248.8	53.00
	27	114.4	23.88	154.4	32.24	190.8	42.64	203.2	47.36	216.4	52.84	230.8	58.96	269.2	69.92
	29	129.6	29.24	171.2	40.00	210.8	53.40	225.2	60.08	240.8	67.76	256.8	76.48	287.6	87.20
	31	144.8	35.48	187.6	48.80	230.4	66.60	247.2	75.32	265.2	86.16	282.4	97.76	300.8	103.40
	33	159.6	42.60	204.0	59.12	250.4	81.44	269.2	93.16	284.8	103.72	286.0	103.96	293.6	105.80
	35	174.8	51.04	220.8	70.68	270.0	98.40	278.0	104.04	278.0	104.04	278.0	104.04	278.0	104.04
	37	174.8	54.76	220.8	76.40	248.4	92.52	248.4	92.52	248.4	92.52	248.4	92.52	248.4	92.52
	39	174.8	58.68	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04
	41	174.8	63.28	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08
	43	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12
	46	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88
120	10	56.8	10.84	89.2	12.00	112.4	13.88	116.4	14.24	120.8	14.56	129.6	15.44	183.2	20.96
	12	56.8	10.84	89.2	12.00	112.4	14.04	116.4	14.40	120.8	14.72	129.6	15.60	183.2	21.20
	14	56.8	10.84	89.2	12.16	112.4	14.24	116.4	14.56	120.8	14.92	129.6	15.80	183.2	21.64
	16	56.8	10.84	89.2	12.28	112.4	14.40	116.4	14.72	120.8	15.08	129.6	15.96	183.2	22.08
	18	56.8	10.84	89.2	12.44	112.4	14.56	116.4	14.92	120.8	15.24	129.6	16.16	183.2	22.28
	20	56.8	10.84	89.2	12.60	112.4	14.72	116.4	15.08	120.8	15.60	129.6	16.52	183.2	22.76
	21	64.0	11.76	96.8	14.20	121.6	17.20	126.8	18.00	132.0	19.00	141.6	20.32	192.4	26.52
	23	78.0	14.20	112.0	18.16	139.6	23.16	146.8	24.84	154.4	26.68	165.2	28.96	211.2	35.36
	25	91.6	17.44	127.2	23.36	158.0	29.96	167.2	32.72	177.2	36.00	189.2	39.36	229.6	46.04
	27	105.6	21.84	142.4	29.08	176.4	38.08	187.6	42.04	199.6	46.64	213.2	51.44	248.4	60.12
	29	119.6	26.68	158.0	35.88	194.4	47.32	208.0	52.88	222.0	59.16	236.8	65.84	267.2	75.92
	31	133.6	32.16	173.2	43.68	212.8	58.72	228.4	65.92	244.8	74.56	260.8	83.60	285.6	94.04
	33	147.6	38.48	188.4	52.80	231.2	71.48	248.4	80.80	267.2	92.00	284.4	103.68	291.6	105.28
	35	161.2	46.00	203.6	62.80	249.2	85.80	268.8	97.72	278.0	104.04	278.0	104.04	278.0	104.04
	37	161.2	49.12	203.6	67.60	248.4	92.52	248.4	92.52	248.4	92.52	248.4	92.52	248.4	92.52
	39	161.2	52.76	203.6	73.16	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04
	41	161.2	56.60	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08
	43	161.2	61.08	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12
	46	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88
110	10	52.0	10.84	81.6	11.40	103.2	13.08	106.8	13.40	110.8	13.72	118.8	14.40	167.6	19.28
	12	52.0	10.84	81.6	11.56	103.2	13.24	106.8	13.56	110.8	13.88	118.8	14.56	167.6	19.48
	14	52.0	10.84	81.6	11.56	103.2	13.40	106.8	13.72	110.8	14.04	118.8	14.72	167.6	19.92
	16	52.0	10.84	81.6	11.72	103.2	13.56	106.8	13.88	110.8	14.24	118.8	14.92	167.6	20.12
	18	52.0	10.84	81.6	11.84	103.2	13.72	106.8	14.04	110.8	14.40	118.8	15.08	167.6	20.52
	20	52.0	10.84	81.6	12.00	103.2	13.88	106.8	14.24	110.8	14.56	118.8	15.44	167.6	20.76
	21	58.4	11.56	88.8	13.28	111.6	15.92	116.0	16.68	121.2	17.44	129.6	18.68	176.4	23.96
	23	71.2	13.48	102.8	16.60	128.0	20.92	134.8	22.36	141.6	24.16	151.6	26.00	193.6	31.44
	25	84.0	16.20	116.8	21.00	144.8	26.84	153.2	29.20	162.4	31.92	173.6	34.76	210.4	40.48
	27	96.8	19.84	130.8	26.24	161.6	33.80	172.0	37.20	183.2	41.08	195.2	45.04	227.6	51.60
	29	109.6	24.36	144.8	32.20	178.4	41.92	190.4	46.48	203.6	51.68	217.2	57.08	244.8	65.12
	31	122.4	29.20	158.8	38.92	195.2	51.44	209.2	57.32	224.4	64.44	239.2	71.48	262.0	79.92
	33	135.2	34.80	172.8	46.88	211.6	62.60	228.0	69.96	245.2	79.12	260.8	88.12	279.2	97.20
	35	148.0	41.24	186.8	55.84	228.4	74.76	246.4	84.12	265.6	95.84	278.0	104.04	278.0	104.04
	37	148.0	44.16	186.8	59.84	228.4	80.76	246.4	91.28	248.4	92.52	248.4	92.52	248.4	92.52
	39	148.0	47.20	186.8	64.44	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04
	41	148.0	50.72	186.8	69.36	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08
	43	148.0	54.44	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12
	46	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88

7. Capacity Tables

Cooling Capacity (80HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	47.6	10.84	74.0	10.84	93.6	12.28	97.2	12.60	100.8	12.92	108.0	13.56	152.4	17.68
	12	47.6	10.84	74.0	11.00	93.6	12.44	97.2	12.76	100.8	13.08	108.0	13.56	152.4	17.88
	14	47.6	10.84	74.0	11.00	93.6	12.60	97.2	12.92	100.8	13.08	108.0	13.72	152.4	18.08
	16	47.6	10.84	74.0	11.12	93.6	12.76	97.2	12.92	100.8	13.24	108.0	13.88	152.4	18.48
	18	47.6	10.84	74.0	11.28	93.6	12.76	97.2	13.08	100.8	13.40	108.0	14.04	152.4	18.68
	20	47.6	10.84	74.0	11.28	93.6	12.92	97.2	13.24	100.8	13.56	108.0	14.24	152.4	19.08
	21	53.2	11.36	80.4	12.32	101.2	14.56	105.6	15.20	110.0	15.92	118.0	16.92	160.4	21.76
	23	64.8	12.84	93.2	15.08	116.4	18.80	122.4	20.20	128.8	21.64	137.6	23.28	176.0	28.04
	25	76.4	15.00	106.0	18.80	131.6	24.04	139.6	26.08	147.6	28.28	157.6	30.64	191.6	35.44
	27	88.0	17.96	118.8	23.60	146.8	30.04	156.4	32.76	166.4	35.96	177.6	39.32	206.8	44.32
	29	99.6	21.96	131.6	28.52	162.0	36.84	173.2	40.56	185.2	45.04	197.6	49.20	222.4	55.52
	31	111.2	26.40	144.4	34.36	177.2	44.80	190.0	49.80	204.0	55.24	217.2	61.16	238.0	68.08
	33	122.8	31.08	157.2	41.32	192.4	54.44	207.2	60.36	222.8	67.88	237.2	75.08	253.6	81.80
	35	134.4	36.76	170.0	48.96	207.6	64.72	224.0	72.24	241.6	81.76	257.2	90.44	269.2	98.28
	37	134.4	39.44	170.0	52.56	207.6	69.60	224.0	78.08	241.6	88.28	248.4	92.52	248.4	92.52
	39	134.4	42.24	170.0	56.40	207.6	75.28	220.0	82.04	220.0	82.04	220.0	82.04	220.0	82.04
	41	134.4	45.16	170.0	60.84	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08
	43	134.4	48.60	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12
	46	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88
90	10	42.8	10.84	66.8	10.84	84.4	11.56	87.2	11.84	90.4	12.16	97.2	12.60	137.2	16.16
	12	42.8	10.84	66.8	10.84	84.4	11.72	87.2	12.00	90.4	12.16	97.2	12.76	137.2	16.36
	14	42.8	10.84	66.8	10.84	84.4	11.84	87.2	12.00	90.4	12.28	97.2	12.92	137.2	16.52
	16	42.8	10.84	66.8	10.84	84.4	11.84	87.2	12.16	90.4	12.44	97.2	12.92	137.2	16.72
	18	42.8	10.84	66.8	10.84	84.4	12.00	87.2	12.28	90.4	12.60	97.2	13.08	137.2	17.08
	20	42.8	10.84	66.8	10.84	84.4	12.16	87.2	12.44	90.4	12.76	97.2	13.24	137.2	17.28
	21	48.0	11.20	72.4	11.64	91.2	13.44	94.8	14.00	99.2	14.64	106.0	15.40	144.4	19.40
	23	58.4	12.28	84.0	13.72	104.8	16.72	110.4	17.88	116.0	19.20	124.0	20.72	158.4	24.72
	25	68.8	13.92	95.6	16.60	118.4	21.20	125.6	23.00	132.8	24.88	142.0	26.92	172.4	30.92
	27	79.2	16.24	106.8	20.64	132.4	26.44	140.8	28.76	149.6	31.40	159.6	34.12	186.4	38.32
	29	89.6	19.48	118.4	25.28	146.0	32.28	156.0	35.32	166.8	38.96	177.6	42.44	200.4	47.00
	31	100.0	23.76	130.0	30.36	159.6	38.96	171.2	43.00	183.6	47.64	195.6	51.92	214.4	57.64
	33	110.4	27.80	141.2	36.20	173.2	46.96	186.4	51.96	200.4	57.68	213.6	63.36	228.4	68.92
	35	121.2	32.48	152.8	42.84	186.8	55.84	201.6	61.88	217.2	69.16	231.2	76.32	242.4	81.84
	37	121.2	34.96	152.8	45.84	186.8	59.84	201.6	66.60	217.2	74.76	231.2	82.44	242.4	88.84
	39	121.2	37.52	152.8	49.28	186.8	64.48	201.6	71.68	217.2	80.36	220.0	82.04	220.0	82.04
	41	121.2	39.92	152.8	52.92	186.8	69.40	192.4	72.08	192.4	72.08	192.4	72.08	192.4	72.08
	43	121.2	43.08	152.8	56.76	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12
	46	121.2	47.80	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88
80	10	38.0	10.84	59.2	10.84	74.8	10.84	77.6	11.12	80.4	11.28	86.4	11.72	122.0	14.72
	12	38.0	10.84	59.2	10.84	74.8	11.00	77.6	11.12	80.4	11.40	86.4	11.84	122.0	14.92
	14	38.0	10.84	59.2	10.84	74.8	11.12	77.6	11.28	80.4	11.56	86.4	12.00	122.0	15.08
	16	38.0	10.84	59.2	10.84	74.8	11.12	77.6	11.40	80.4	11.56	86.4	12.16	122.0	15.24
	18	38.0	10.84	59.2	10.84	74.8	11.28	77.6	11.56	80.4	11.72	86.4	12.16	122.0	15.44
	20	38.0	10.84	59.2	10.84	74.8	11.40	77.6	11.56	80.4	11.84	86.4	12.28	122.0	15.60
	21	42.4	11.04	64.4	11.40	81.2	12.40	84.4	12.76	88.0	13.28	94.4	13.96	128.4	17.24
	23	52.0	11.76	74.8	12.92	93.2	14.88	98.0	15.88	103.2	16.88	110.4	18.12	140.8	21.48
	25	61.2	12.88	84.8	15.12	105.2	18.44	111.6	19.96	118.0	21.72	126.0	23.48	153.2	26.76
	27	70.4	14.72	95.2	18.12	117.6	23.08	125.2	24.96	133.2	27.16	142.0	29.28	165.6	32.76
	29	79.6	17.36	105.2	22.20	129.6	27.92	138.8	30.44	148.0	33.36	158.0	36.20	178.0	39.76
	31	88.8	20.84	115.6	26.64	142.0	33.56	152.0	36.96	163.2	40.64	174.0	44.00	190.4	48.40
	33	98.4	24.48	125.6	31.40	154.0	40.28	165.6	44.24	178.0	48.76	189.6	53.48	202.8	57.72
	35	107.6	28.72	136.0	37.12	166.0	47.68	179.2	52.76	193.2	58.52	205.6	63.76	215.2	68.16
	37	107.6	30.72	136.0	39.84	166.0	51.24	179.2	56.56	193.2	62.68	205.6	68.60	215.2	73.72
	39	107.6	32.80	136.0	42.64	166.0	55.00	179.2	60.64	193.2	67.48	205.6	73.80	215.2	79.24
	41	107.6	35.28	136.0	45.96	166.0	58.96	179.2	65.32	192.4	72.08	192.4	72.08	192.4	72.08
	43	107.6	37.88	136.0	49.08	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12	166.0	63.12
	46	107.6	41.88	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88

7. Capacity Tables

Cooling Capacity (80HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	33.2	10.84	52.0	10.84	65.6	10.84	68.0	10.84	70.4	10.84	75.6	11.00	106.8	13.40
	12	33.2	10.84	52.0	10.84	65.6	10.84	68.0	10.84	70.4	10.84	75.6	11.00	106.8	13.56
	14	33.2	10.84	52.0	10.84	65.6	10.84	68.0	10.84	70.4	10.84	75.6	11.12	106.8	13.72
	16	33.2	10.84	52.0	10.84	65.6	10.84	68.0	10.84	70.4	10.84	75.6	11.28	106.8	13.88
	18	33.2	10.84	52.0	10.84	65.6	10.84	68.0	10.84	70.4	11.00	75.6	11.28	106.8	14.04
	20	33.2	10.84	52.0	10.84	65.6	10.84	68.0	10.84	70.4	11.00	75.6	11.40	106.8	14.24
	21	37.2	10.92	56.4	11.16	70.8	11.52	74.0	11.72	77.2	12.04	82.4	12.64	112.4	15.40
	23	45.2	11.28	65.2	12.16	81.6	13.36	85.6	13.92	90.0	14.84	96.4	15.80	123.2	18.48
	25	53.6	12.04	74.4	13.76	92.0	16.00	97.6	17.16	103.2	18.40	110.4	19.88	134.0	22.72
	27	61.6	13.28	83.2	16.04	102.8	19.48	109.6	21.28	116.4	23.24	124.4	25.00	144.8	27.84
	29	69.6	15.28	92.0	19.24	113.6	24.00	121.2	26.12	129.6	28.40	138.0	30.60	155.6	33.44
	31	78.0	18.00	101.2	23.32	124.0	28.76	133.2	31.20	142.8	34.24	152.0	36.96	166.8	40.00
	33	86.0	21.60	110.0	27.24	134.8	34.24	144.8	37.20	156.0	40.96	166.0	44.56	177.6	47.96
	35	94.0	24.92	118.8	31.80	145.6	40.48	156.8	44.40	169.2	48.88	180.0	52.80	188.4	56.32
	37	94.0	26.72	118.8	34.24	145.6	43.32	156.8	47.44	169.2	52.16	180.0	57.00	188.4	60.72
	39	94.0	28.60	118.8	36.80	145.6	46.32	156.8	51.00	169.2	55.96	180.0	61.08	188.4	65.00
	41	94.0	30.60	118.8	39.16	145.6	49.80	156.8	54.72	169.2	60.36	180.0	65.80	188.4	69.96
	43	94.0	33.00	118.8	42.28	145.6	53.48	156.8	58.68	166.0	63.12	166.0	63.12	166.0	63.12
	46	94.0	36.68	118.8	46.92	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	94.0	39.36	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88
60	10	28.4	10.84	44.4	10.84	56.4	10.84	58.4	10.84	60.4	10.84	64.8	10.84	91.6	12.16
	12	28.4	10.84	44.4	10.84	56.4	10.84	58.4	10.84	60.4	10.84	64.8	10.84	91.6	12.28
	14	28.4	10.84	44.4	10.84	56.4	10.84	58.4	10.84	60.4	10.84	64.8	10.84	91.6	12.44
	16	28.4	10.84	44.4	10.84	56.4	10.84	58.4	10.84	60.4	10.84	64.8	10.84	91.6	12.44
	18	28.4	10.84	44.4	10.84	56.4	10.84	58.4	10.84	60.4	10.84	64.8	10.84	91.6	12.60
	20	28.4	10.84	44.4	10.84	56.4	10.84	58.4	10.84	60.4	10.84	64.8	10.84	91.6	12.76
	21	32.0	10.80	48.4	11.00	60.8	11.24	63.2	11.36	66.0	11.52	70.8	11.68	96.0	13.56
	23	38.8	10.88	56.0	11.56	70.0	12.44	73.6	12.84	77.2	13.32	82.8	13.80	105.6	15.84
	25	46.0	11.24	63.6	12.52	79.2	14.16	83.6	15.00	88.4	15.88	94.4	16.80	114.8	18.96
	27	52.8	12.04	71.2	14.08	88.0	16.68	93.6	17.96	100.0	19.36	106.4	20.76	124.0	23.12
	29	59.6	13.40	78.8	16.40	97.2	20.16	104.0	21.96	111.2	23.96	118.4	25.64	133.6	27.84
	31	66.8	15.60	86.4	19.72	106.4	24.48	114.0	26.40	122.4	28.44	130.4	30.56	142.8	32.88
	33	73.6	18.60	94.4	23.40	115.6	28.68	124.4	31.08	133.6	33.88	142.4	36.52	152.0	39.32
	35	80.8	21.64	102.0	27.12	124.8	33.56	134.4	36.76	144.8	40.12	154.4	43.28	161.6	46.04
	37	80.8	23.00	102.0	29.00	124.8	36.08	134.4	39.44	144.8	42.96	154.4	46.60	161.6	49.16
	39	80.8	24.68	102.0	31.04	124.8	38.72	134.4	42.24	144.8	46.28	154.4	49.72	161.6	52.80
	41	80.8	26.48	102.0	33.44	124.8	41.48	134.4	45.16	144.8	49.44	154.4	53.40	161.6	56.64
	43	80.8	28.40	102.0	35.64	124.8	44.36	134.4	48.60	144.8	53.08	154.4	57.68	161.6	61.08
	46	80.8	31.72	102.0	39.80	124.8	49.52	128.4	50.96	128.4	50.96	128.4	50.96	128.4	50.96
	48	80.8	33.92	102.0	42.64	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88
50	10	23.6	10.84	37.2	10.84	46.8	10.84	48.4	10.84	50.4	10.84	54.0	10.84	76.4	11.00
	12	23.6	10.84	37.2	10.84	46.8	10.84	48.4	10.84	50.4	10.84	54.0	10.84	76.4	11.12
	14	23.6	10.84	37.2	10.84	46.8	10.84	48.4	10.84	50.4	10.84	54.0	10.84	76.4	11.12
	16	23.6	10.84	37.2	10.84	46.8	10.84	48.4	10.84	50.4	10.84	54.0	10.84	76.4	11.28
	18	23.6	10.84	37.2	10.84	46.8	10.84	48.4	10.84	50.4	10.84	54.0	10.84	76.4	11.40
	20	23.6	10.84	37.2	10.84	46.8	10.84	48.4	10.84	50.4	10.84	54.0	10.84	76.4	11.56
	21	26.8	10.72	40.4	10.84	50.8	11.00	52.8	11.08	55.2	11.20	58.8	11.28	80.0	12.04
	23	32.4	10.52	46.8	11.00	58.4	11.60	61.2	11.92	64.4	12.28	68.8	12.60	88.0	13.40
	25	38.4	10.60	53.2	11.48	66.0	12.68	69.6	13.24	73.6	13.84	78.8	14.48	95.6	15.56
	27	44.0	10.96	59.6	12.40	73.6	14.32	78.0	15.16	83.2	16.20	88.8	17.16	103.6	18.52
	29	50.0	11.80	65.6	14.04	81.2	16.76	86.8	18.00	92.4	19.48	98.8	21.00	111.2	22.36
	31	55.6	13.24	72.0	16.32	88.8	20.04	95.2	21.92	102.0	23.56	108.8	25.20	119.2	26.72
	33	61.6	15.48	78.4	19.76	96.4	23.68	103.6	25.56	111.2	27.80	118.4	29.60	126.8	31.28
	35	67.2	18.32	84.8	22.52	104.0	27.48	112.0	29.76	120.8	32.48	128.4	34.92	134.4	36.76
	37	67.2	19.72	84.8	24.20	104.0	29.68	112.0	32.08	120.8	34.92	128.4	37.20	134.4	39.44
	39	67.2	21.00	84.8	25.96	104.0	31.72	112.0	34.24	120.8	37.20	128.4	39.92	134.4	42.24
	41	67.2	22.60	84.8	27.80	104.0	33.84	112.0	36.80	120.8	39.92	128.4	43.08	134.4	45.20
	43	67.2	24.32	84.8	29.80	104.0	36.40	112.0	39.48	120.8	42.76	128.4	46.04	134.4	48.60
	46	67.2	26.80	84.8	33.24	104.0	40.60	112.0	43.92	120.8	47.76	128.4	50.96	128.4	50.96
	48	67.2	29.08	84.8	35.44	104.0	43.48	104.4	43.88	104.4	43.88	104.4	43.88	104.4	43.88

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

7.2 Heating Capacity

7.2.1 Standard Mode

◆ ARUM080LTE5

Heating Capacity (8HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	15.6	7.34	15.6	7.39	15.5	7.43	15.5	7.50	15.5	7.56	15.2	7.66
	-21.8	-22	19.0	7.44	19.0	7.49	18.9	7.53	18.9	7.60	18.9	7.66	18.5	7.76
	-19.8	-20	20.1	7.50	20.1	7.55	19.9	7.60	19.9	7.66	19.9	7.72	19.5	7.82
	-18.8	-19	20.5	7.54	20.5	7.59	20.4	7.63	20.4	7.69	20.4	7.76	20.0	7.85
	-16.7	-17	21.5	7.61	21.5	7.65	21.4	7.70	21.4	7.76	21.4	7.82	21.0	7.92
	-13.7	-15	22.9	7.70	22.9	7.75	22.8	7.79	22.8	7.86	22.8	7.92	22.3	7.57
	-11.8	-13	23.7	7.77	23.7	7.81	23.5	7.86	23.5	7.92	23.5	7.68	23.2	7.34
	-9.8	-11	24.5	7.83	24.5	7.88	24.3	7.92	24.3	7.66	24.3	7.42	24.1	7.10
	-9.5	-10	24.6	7.84	24.6	7.89	24.5	7.88	24.5	7.62	24.4	7.38	24.3	7.07
	-8.5	-9.1	25.1	7.87	25.1	7.92	24.9	7.74	24.9	7.48	24.8	7.26	24.7	6.95
	-7.0	-7.6	25.8	7.92	25.8	7.71	25.6	7.53	25.6	7.29	25.6	7.06	25.4	6.77
	-5.0	-5.6	26.7	7.64	26.7	7.43	26.5	7.26	26.5	7.02	26.5	6.81	26.3	6.53
	-3.0	-3.7	27.6	7.36	27.6	7.15	27.5	6.98	27.5	6.76	27.5	6.55	27.3	6.30
	0.0	-0.7	29.0	6.94	29.0	6.74	28.9	6.56	28.9	6.36	28.9	6.17	28.4	5.94
	3.0	2.2	30.4	6.51	30.4	6.32	30.2	6.15	30.2	5.96	30.2	5.78	28.4	5.58
	5.0	4.1	31.4	6.23	31.4	6.04	31.2	5.87	31.2	5.69	30.6	5.52	28.4	5.35
	7.0	6	32.3	5.95	32.3	5.76	32.1	5.59	31.7	5.43	30.6	5.27	28.4	5.11
	9.0	7.9	32.6	5.71	32.6	5.53	32.5	5.37	31.7	5.21	30.6	5.06	28.4	4.91
	11.0	9.8	32.6	5.52	32.6	5.34	32.5	5.19	31.7	5.04	30.6	4.89	28.4	4.74
	13.0	11.8	32.6	5.32	32.6	5.15	32.5	5.00	31.7	4.85	30.6	4.71	28.4	4.57
	15.0	13.7	32.6	5.11	32.6	4.94	32.5	4.80	31.7	4.66	30.6	4.52	28.4	4.38
120	-24.8	-25	15.5	7.39	15.5	7.43	15.4	7.50	15.4	7.56	15.4	7.66	15.1	7.73
	-21.8	-22	18.9	7.49	18.9	7.53	18.8	7.60	18.8	7.66	18.8	7.76	18.4	7.82
	-19.8	-20	19.9	7.55	19.9	7.60	19.8	7.66	19.8	7.72	19.8	7.82	19.4	7.89
	-18.8	-19	20.4	7.59	20.4	7.63	20.3	7.69	20.3	7.76	20.3	7.85	19.9	7.92
	-16.7	-17	21.4	7.65	21.4	7.70	21.2	7.76	21.2	7.82	21.2	7.92	20.8	7.69
	-13.7	-15	22.8	7.75	22.8	7.79	22.6	7.86	22.6	7.92	22.6	7.58	22.2	7.37
	-11.8	-13	23.5	7.81	23.5	7.86	23.4	7.92	23.4	7.68	23.4	7.36	23.1	7.16
	-9.8	-11	24.3	7.88	24.3	7.92	24.2	7.65	24.2	7.42	24.2	7.13	24.0	6.94
	-9.5	-10	24.4	7.89	24.4	7.88	24.3	7.61	24.3	7.38	24.3	7.10	24.1	6.91
	-8.5	-9.1	24.9	7.92	24.9	7.73	24.8	7.47	24.8	7.25	24.8	6.98	24.6	6.80
	-7.0	-7.6	25.6	7.70	25.6	7.51	25.4	7.27	25.4	7.06	25.4	6.81	25.2	6.64
	-5.0	-5.6	26.5	7.40	26.5	7.22	26.4	6.99	26.4	6.80	26.4	6.58	26.2	6.42
	-3.0	-3.7	27.5	7.10	27.5	6.93	27.3	6.72	27.3	6.54	27.3	6.35	26.7	6.20
	0.0	-0.7	28.8	6.66	28.8	6.49	28.7	6.31	28.7	6.15	28.7	6.00	26.7	5.87
	3.0	2.2	30.2	6.21	30.2	6.05	30.0	5.90	29.7	5.77	28.8	5.66	26.7	5.54
	5.0	4.1	31.1	5.91	31.1	5.75	30.7	5.63	29.7	5.51	28.8	5.43	26.7	5.33
	7.0	6	32.1	5.61	32.0	5.46	30.7	5.35	29.7	5.25	28.8	5.20	26.7	5.11
	9.0	7.9	32.3	5.38	32.0	5.23	30.7	5.13	29.7	5.03	28.8	4.99	26.7	4.90
	11.0	9.8	32.3	5.19	32.0	5.05	30.7	4.95	29.7	4.86	28.8	4.81	26.7	4.72
	13.0	11.8	32.3	4.99	32.0	4.86	30.7	4.76	29.7	4.67	28.8	4.63	26.7	4.54
	15.0	13.7	32.3	4.78	32.0	4.65	30.7	4.56	29.7	4.47	28.8	4.43	26.7	4.35
110	-24.8	-25	15.4	7.43	15.4	7.50	15.3	7.56	15.3	7.66	15.3	7.73	15.0	7.76
	-21.8	-22	18.8	7.53	18.8	7.60	18.7	7.66	18.7	7.76	18.7	7.82	18.3	7.86
	-19.8	-20	19.8	7.60	19.8	7.66	19.7	7.72	19.7	7.82	19.7	7.89	19.3	7.92
	-18.8	-19	20.3	7.63	20.3	7.69	20.2	7.76	20.2	7.85	20.2	7.92	19.7	7.80
	-16.7	-17	21.3	7.70	21.3	7.76	21.1	7.82	21.1	7.92	21.1	7.68	20.7	7.56
	-13.7	-15	22.7	7.79	22.7	7.86	22.5	7.92	22.5	7.55	22.5	7.33	22.5	7.21
	-11.8	-13	23.4	7.86	23.4	7.92	23.3	7.66	23.3	7.32	23.3	7.11	23.3	6.98
	-9.8	-11	24.2	7.92	24.2	7.62	24.0	7.38	24.0	7.07	24.0	6.88	24.0	6.75
	-9.5	-10	24.3	7.87	24.3	7.58	24.2	7.34	24.2	7.03	24.2	6.84	24.0	6.71
	-8.5	-9.1	24.8	7.71	24.8	7.43	24.6	7.20	24.6	6.91	24.6	6.73	24.0	6.59
	-7.0	-7.6	25.5	7.47	25.5	7.20	25.3	6.99	25.3	6.72	25.3	6.55	24.0	6.42
	-5.0	-5.6	26.4	7.14	26.4	6.90	26.2	6.72	26.2	6.47	25.8	6.32	24.0	6.18
	-3.0	-3.7	27.3	6.82	27.3	6.61	27.1	6.44	26.7	6.23	25.8	6.09	24.0	5.95
	0.0	-0.7	28.7	6.33	28.7	6.16	27.6	6.02	26.7	5.86	25.8	5.74	24.0	5.60
	3.0	2.2	30.1	5.84	29.4	5.71	27.6	5.61	26.7	5.49	25.8	5.39	24.0	5.24
	5.0	4.1	31.0	5.51	29.4	5.41	27.6	5.33	26.7	5.24	25.8	5.16	24.0	5.01
	7.0	6	31.1	5.19	29.4	5.11	27.6	5.05	26.7	4.99	25.8	4.93	24.0	4.77
	9.0	7.9	31.1	4.95	29.4	4.88	27.6	4.82	26.7	4.76	25.8	4.70	24.0	4.56
	11.0	9.8	31.1	4.76	29.4	4.69	27.6	4.63	26.7	4.58	25.8	4.52	24.0	4.38
	13.0	11.8	31.1	4.55	29.4	4.48	27.6	4.43	26.7	4.38	25.8	4.32	24.0	4.19
	15.0	13.7	31.1	4.33	29.4	4.27	27.6	4.22	26.7	4.17	25.8	4.11	24.0	3.99

7. Capacity Tables

Heating Capacity (8HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	15.4	8.23	15.4	8.19	15.3	7.60	15.3	8.09	15.3	8.05	15.0	8.03
	-21.8	-22	18.7	8.17	18.7	8.13	18.6	7.84	18.6	8.03	18.6	8.10	18.2	7.96
	-19.8	-20	19.7	8.13	19.7	8.09	19.6	7.99	19.6	7.99	19.6	7.98	19.2	7.92
	-18.8	-19	20.2	8.11	20.1	8.07	20.1	8.03	20.1	7.97	20.1	7.92	19.7	7.78
	-16.7	-17	21.0	8.06	21.0	8.02	21.0	8.10	20.9	7.92	20.9	7.63	20.5	7.49
	-13.7	-15	22.6	8.00	22.6	7.96	22.4	7.92	22.4	7.50	22.4	7.22	22.0	7.08
	-11.8	-13	23.3	7.96	23.2	7.92	23.2	7.63	23.2	7.23	23.2	6.96	22.0	6.81
	-9.8	-11	24.0	7.92	24.0	7.60	23.9	7.33	23.9	6.95	23.6	6.68	22.0	6.54
	-9.5	-10	24.2	7.87	24.2	7.55	24.1	7.28	24.1	6.90	23.6	6.64	22.0	6.49
	-8.5	-9.1	24.6	7.70	24.6	7.38	24.5	7.13	24.4	6.76	23.6	6.51	22.0	6.36
	-7.0	-7.6	25.8	7.44	25.6	7.14	25.2	6.90	24.4	6.55	23.6	6.30	22.0	6.15
	-5.0	-5.6	26.9	7.09	26.6	6.82	25.2	6.60	24.4	6.27	23.6	6.02	22.0	5.87
	-3.0	-3.7	27.7	6.75	26.8	6.49	25.2	6.30	24.4	5.99	23.6	5.75	22.0	5.59
	0.0	-0.7	28.4	6.23	26.8	6.00	25.2	5.84	24.4	5.56	23.6	5.34	22.0	5.18
	3.0	2.2	28.4	5.71	26.8	5.51	25.2	5.39	24.4	5.14	23.6	4.93	22.0	4.76
	5.0	4.1	28.4	5.37	26.8	5.19	25.2	5.08	24.4	4.86	23.6	4.65	22.0	4.49
	7.0	6	28.4	5.02	26.8	4.86	25.2	4.78	24.4	4.57	23.6	4.38	22.0	4.21
	9.0	7.9	28.4	4.76	26.8	4.61	25.2	4.53	24.4	4.34	23.6	4.15	22.0	3.99
	11.0	9.8	28.4	4.54	26.8	4.40	25.2	4.32	24.4	4.13	23.6	3.95	22.0	3.80
	13.0	11.8	28.4	4.30	26.8	4.17	25.2	4.10	24.4	3.92	23.6	3.75	22.0	3.61
	15.0	13.7	28.4	4.06	26.8	3.93	25.2	3.86	24.4	3.69	23.6	3.53	22.0	3.40
90	-24.8	-25	15.3	7.31	15.3	7.41	15.2	7.48	15.2	7.51	15.2	7.58	14.9	7.68
	-21.8	-22	18.6	7.41	18.6	7.51	18.5	7.58	18.5	7.61	18.5	7.68	18.1	7.31
	-19.8	-20	19.7	7.48	19.7	7.57	19.5	7.64	19.5	7.68	19.5	7.42	19.1	7.07
	-18.8	-19	20.2	7.51	20.1	7.61	20.0	7.68	20.0	7.54	20.0	7.30	19.6	6.95
	-16.7	-17	21.0	7.58	21.0	7.68	21.0	7.40	21.0	7.27	21.0	7.03	20.1	6.69
	-13.7	-15	22.6	7.68	22.6	7.27	22.3	7.01	22.3	6.88	21.6	6.66	20.1	6.33
	-11.8	-13	23.3	7.39	23.2	7.01	23.1	6.77	22.3	6.63	21.6	6.42	20.1	6.10
	-9.8	-11	24.0	7.09	24.0	6.74	23.1	6.51	22.3	6.37	21.6	6.17	20.1	5.86
	-9.5	-10	24.2	7.05	24.2	6.69	23.1	6.47	22.3	6.33	21.6	6.13	20.1	5.82
	-8.5	-9.1	24.6	6.90	24.5	6.56	23.1	6.34	22.3	6.20	21.6	6.00	20.1	5.70
	-7.0	-7.6	25.8	6.68	24.5	6.35	23.1	6.14	22.3	6.01	21.6	5.82	20.1	5.52
	-5.0	-5.6	26.0	6.38	24.5	6.08	23.1	5.89	22.3	5.75	21.6	5.56	20.1	5.28
	-3.0	-3.7	26.0	6.08	24.5	5.81	23.1	5.63	22.3	5.49	21.6	5.31	20.1	5.04
	0.0	-0.7	26.0	5.63	24.5	5.40	23.1	5.24	22.3	5.09	21.6	4.94	20.1	4.67
	3.0	2.2	26.0	5.19	24.5	4.99	23.1	4.85	22.3	4.70	21.6	4.56	20.1	4.31
	5.0	4.1	26.0	4.89	24.5	4.72	23.1	4.59	22.3	4.44	21.6	4.31	20.1	4.07
	7.0	6	26.0	4.59	24.5	4.45	23.1	4.33	22.3	4.18	21.6	4.06	20.1	3.83
	9.0	7.9	26.0	4.31	24.5	4.18	23.1	4.07	22.3	3.93	21.6	3.81	20.1	3.60
	11.0	9.8	26.0	4.04	24.5	3.92	23.1	3.81	22.3	3.68	21.6	3.57	20.1	3.37
	13.0	11.8	26.0	3.76	24.5	3.65	23.1	3.55	22.3	3.43	21.6	3.33	20.1	3.14
	15.0	13.7	26.0	3.49	24.5	3.38	23.1	3.29	22.3	3.18	21.6	3.08	20.1	2.91
80	-24.8	-25	15.2	6.44	15.2	6.54	15.1	6.61	15.1	6.64	15.1	6.81	14.8	6.49
	-21.8	-22	18.4	6.54	18.4	6.64	18.4	6.71	18.4	6.81	18.4	6.49	17.9	6.18
	-19.8	-20	19.4	6.61	19.4	6.70	19.4	6.81	19.4	6.58	19.3	6.27	17.9	5.98
	-18.8	-19	19.9	6.64	19.9	6.81	19.9	6.69	19.9	6.46	19.3	6.17	17.9	5.88
	-16.7	-17	20.6	6.81	20.6	6.56	20.6	6.44	20.0	6.23	19.3	5.94	17.9	5.66
	-13.7	-15	21.6	6.44	21.1	6.21	20.6	6.10	20.0	5.88	19.3	5.62	17.9	5.36
	-11.8	-13	22.1	6.21	21.5	5.99	20.6	5.87	20.0	5.67	19.3	5.42	17.9	5.17
	-9.8	-11	22.7	5.96	21.8	5.76	20.6	5.64	20.0	5.44	19.3	5.21	17.9	4.96
	-9.5	-10	22.8	5.93	21.9	5.72	20.6	5.61	20.0	5.41	19.3	5.17	17.9	4.93
	-8.5	-9.1	23.1	5.80	22.0	5.60	20.6	5.49	20.0	5.29	19.3	5.07	17.9	4.83
	-7.0	-7.6	23.3	5.62	22.0	5.43	20.6	5.31	20.0	5.12	19.3	4.91	17.9	4.68
	-5.0	-5.6	23.3	5.38	22.0	5.20	20.6	5.08	20.0	4.90	19.3	4.69	17.9	4.48
	-3.0	-3.7	23.3	5.13	22.0	4.96	20.6	4.85	20.0	4.67	19.3	4.48	17.9	4.27
	0.0	-0.7	23.3	4.76	22.0	4.61	20.6	4.50	20.0	4.33	19.3	4.16	17.9	3.97
	3.0	2.2	23.3	4.40	22.0	4.26	20.6	4.15	20.0	3.99	19.3	3.84	17.9	3.67
	5.0	4.1	23.3	4.15	22.0	4.03	20.6	3.92	20.0	3.76	19.3	3.63	17.9	3.46
	7.0	6	23.3	3.91	22.0	3.80	20.6	3.68	20.0	3.53	19.3	3.41	17.9	3.26
	9.0	7.9	23.3	3.67	22.0	3.56	20.6	3.46	20.0	3.31	19.3	3.21	17.9	3.06
	11.0	9.8	23.3	3.41	22.0	3.31	20.6	3.21	20.0	3.08	19.3	2.98	17.9	2.84
	13.0	11.8	23.3	3.18	22.0	3.09	20.6	3.00	20.0	2.87	19.3	2.78	17.9	2.65
	15.0	13.7	23.3	2.99	22.0	2.91	20.6	2.82	20.0	2.70	19.3	2.61	17.9	2.50

7. Capacity Tables

Heating Capacity (8HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	15.2	6.45	15.2	6.48	15.1	6.55	15.1	6.65	15.1	6.30	14.8	5.99
	-21.8	-22	17.7	6.55	17.7	6.58	17.6	6.65	17.0	6.30	16.5	5.99	15.4	5.68
	-19.8	-20	19.3	6.61	18.7	6.65	17.6	6.40	17.0	6.08	16.5	5.77	15.4	5.48
	-18.8	-19	19.8	6.65	18.7	6.52	17.6	6.28	17.0	5.96	16.5	5.67	15.4	5.37
	-16.7	-17	19.8	6.38	18.7	6.26	17.6	6.03	17.0	5.72	16.5	5.44	15.4	5.16
	-13.7	-15	19.8	6.01	18.7	5.88	17.6	5.67	17.0	5.38	16.5	5.12	15.4	4.86
	-11.8	-13	19.8	5.77	18.7	5.64	17.6	5.44	17.0	5.16	16.5	4.92	15.4	4.66
	-9.8	-11	19.8	5.52	18.7	5.39	17.6	5.19	17.0	4.93	16.5	4.71	15.4	4.46
	-9.5	-10	19.8	5.48	18.7	5.35	17.6	5.16	17.0	4.90	16.5	4.68	15.4	4.43
	-8.5	-9.1	19.8	5.35	18.7	5.22	17.6	5.04	17.0	4.79	16.5	4.57	15.4	4.33
	-7.0	-7.6	19.8	5.16	18.7	5.03	17.6	4.85	17.0	4.61	16.5	4.41	15.4	4.17
	-5.0	-5.6	19.8	4.91	18.7	4.78	17.6	4.61	17.0	4.39	16.5	4.20	15.4	3.97
	-3.0	-3.7	19.8	4.66	18.7	4.53	17.6	4.37	17.0	4.16	16.5	3.99	15.4	3.77
	0.0	-0.7	19.8	4.28	18.7	4.15	17.6	4.01	17.0	3.81	16.5	3.67	15.4	3.46
	3.0	2.2	19.8	3.91	18.7	3.77	17.6	3.64	17.0	3.47	16.5	3.35	15.4	3.16
	5.0	4.1	19.8	3.66	18.7	3.52	17.6	3.40	17.0	3.24	16.5	3.14	15.4	2.95
	7.0	6	19.8	3.40	18.7	3.27	17.6	3.16	17.0	3.01	16.5	2.92	15.4	2.75
	9.0	7.9	19.8	3.07	18.7	2.95	17.6	2.85	17.0	2.72	16.5	2.64	15.4	2.48
	11.0	9.8	19.8	2.86	18.7	2.75	17.6	2.66	17.0	2.53	16.5	2.46	15.4	2.31
	13.0	11.8	19.8	2.68	18.7	2.57	17.6	2.48	17.0	2.37	16.5	2.30	15.4	2.16
	15.0	13.7	19.8	2.52	18.7	2.42	17.6	2.34	17.0	2.24	16.5	2.17	15.4	2.04
60	-24.8	-25	15.1	6.39	15.1	6.45	15.1	6.55	14.5	6.19	14.0	5.85	13.1	5.53
	-21.8	-22	16.2	6.48	16.1	6.55	15.1	6.19	14.5	5.85	14.0	5.53	13.1	5.23
	-19.8	-20	17.0	6.55	16.1	6.29	15.1	5.94	14.5	5.62	14.0	5.32	13.1	5.02
	-18.8	-19	17.0	6.42	16.1	6.16	15.1	5.82	14.5	5.51	14.0	5.21	13.1	4.92
	-16.7	-17	17.0	6.14	16.1	5.89	15.1	5.57	14.5	5.27	14.0	4.99	13.1	4.71
	-13.7	-15	17.0	5.75	16.1	5.50	15.1	5.20	14.5	4.93	14.0	4.67	13.1	4.41
	-11.8	-13	17.0	5.50	16.1	5.26	15.1	4.97	14.5	4.72	14.0	4.47	13.1	4.21
	-9.8	-11	17.0	5.23	16.1	5.00	15.1	4.73	14.5	4.49	14.0	4.26	13.1	4.01
	-9.5	-10	17.0	5.19	16.1	4.96	15.1	4.70	14.5	4.46	14.0	4.23	13.1	3.98
	-8.5	-9.1	17.0	5.06	16.1	4.83	15.1	4.57	14.5	4.34	14.0	4.12	13.1	3.88
	-7.0	-7.6	17.0	4.86	16.1	4.64	15.1	4.39	14.5	4.17	14.0	3.97	13.1	3.73
	-5.0	-5.6	17.0	4.60	16.1	4.38	15.1	4.15	14.5	3.95	14.0	3.75	13.1	3.53
	-3.0	-3.7	17.0	4.34	16.1	4.12	15.1	3.91	14.5	3.72	14.0	3.54	13.1	3.32
	0.0	-0.7	17.0	3.94	16.1	3.73	15.1	3.54	14.5	3.38	14.0	3.23	13.1	3.02
	3.0	2.2	17.0	3.55	16.1	3.35	15.1	3.18	14.5	3.04	14.0	2.91	13.1	2.72
	5.0	4.1	17.0	3.28	16.1	3.09	15.1	2.94	14.5	2.82	14.0	2.70	13.1	2.51
	7.0	6	17.0	3.02	16.1	2.83	15.1	2.70	14.5	2.59	14.0	2.49	13.1	2.31
	9.0	7.9	17.0	2.69	16.1	2.52	15.1	2.41	14.5	2.31	14.0	2.22	13.1	2.06
	11.0	9.8	17.0	2.52	16.1	2.36	15.1	2.25	14.5	2.16	14.0	2.07	13.1	1.93
	13.0	11.8	17.0	2.36	16.1	2.21	15.1	2.10	14.5	2.02	14.0	1.94	13.1	1.80
	15.0	13.7	17.0	2.23	16.1	2.09	15.1	1.99	14.5	1.91	14.0	1.83	13.1	1.71
50	-24.8	-25	14.1	5.55	13.3	5.65	12.5	5.33	12.1	5.04	11.7	4.76	10.9	4.50
	-21.8	-22	14.1	5.65	13.3	5.33	12.5	5.04	12.1	4.76	11.7	4.50	10.9	4.25
	-19.8	-20	14.1	5.43	13.3	5.12	12.5	4.84	12.1	4.57	11.7	4.33	10.9	4.09
	-18.8	-19	14.1	5.32	13.3	5.01	12.5	4.74	12.1	4.48	11.7	4.24	10.9	4.01
	-16.7	-17	14.1	5.08	13.3	4.79	12.5	4.53	12.1	4.28	11.7	4.06	10.9	3.83
	-13.7	-15	14.1	4.75	13.3	4.47	12.5	4.24	12.1	4.01	11.7	3.80	10.9	3.59
	-11.8	-13	14.1	4.53	13.3	4.27	12.5	4.05	12.1	3.83	11.7	3.64	10.9	3.43
	-9.8	-11	14.1	4.31	13.3	4.06	12.5	3.85	12.1	3.65	11.7	3.47	10.9	3.27
	-9.5	-10	14.1	4.28	13.3	4.03	12.5	3.82	12.1	3.62	11.7	3.44	10.9	3.24
	-8.5	-9.1	14.1	4.17	13.3	3.92	12.5	3.72	12.1	3.52	11.7	3.36	10.9	3.16
	-7.0	-7.6	14.1	4.00	13.3	3.76	12.5	3.58	12.1	3.39	11.7	3.23	10.9	3.04
	-5.0	-5.6	14.1	3.77	13.3	3.55	12.5	3.38	12.1	3.20	11.7	3.05	10.9	2.87
	-3.0	-3.7	14.1	3.55	13.3	3.34	12.5	3.18	12.1	3.01	11.7	2.88	10.9	2.71
	0.0	-0.7	14.1	3.22	13.3	3.02	12.5	2.89	12.1	2.74	11.7	2.62	10.9	2.46
	3.0	2.2	14.1	2.88	13.3	2.70	12.5	2.59	12.1	2.46	11.7	2.37	10.9	2.22
	5.0	4.1	14.1	2.66	13.3	2.49	12.5	2.39	12.1	2.27	11.7	2.19	10.9	2.05
	7.0	6	14.1	2.44	13.3	2.28	12.5	2.20	12.1	2.09	11.7	2.02	10.9	1.89
	9.0	7.9	14.1	2.20	13.3	2.06	12.5	1.98	12.1	1.88	11.7	1.83	10.9	1.70
	11.0	9.8	14.1	2.06	13.3	1.93	12.5	1.86	12.1	1.76	11.7	1.71	10.9	1.59
	13.0	11.8	14.1	1.93	13.3	1.81	12.5	1.74	12.1	1.66	11.7	1.60	10.9	1.50
	15.0	13.7	14.1	1.83	13.3	1.71	12.5	1.65	12.1	1.57	11.7	1.52	10.9	1.42

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM100LTE5

Heating Capacity (10HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	20.4	9.67	20.4	9.77	20.2	9.86	20.2	9.99	20.2	10.11	19.7	10.31
	-21.8	-22	24.7	9.87	24.7	9.97	24.6	10.05	24.6	10.18	24.6	10.31	24.0	10.50
	-19.8	-20	26.1	10.00	26.1	10.10	25.9	10.18	25.9	10.31	25.9	10.44	25.3	10.63
	-18.8	-19	26.6	10.07	26.6	10.16	26.4	10.25	26.4	10.38	26.4	10.50	25.7	10.70
	-16.7	-17	27.5	10.20	27.5	10.30	27.3	10.39	27.3	10.52	27.3	10.64	26.6	10.84
	-13.7	-15	28.8	10.40	28.8	10.50	28.7	10.58	28.7	10.71	28.7	10.84	27.9	10.27
	-11.8	-13	29.7	10.52	29.7	10.62	29.5	10.71	29.5	10.84	29.5	10.44	28.8	9.90
	-9.8	-11	30.5	10.65	30.5	10.75	30.3	10.84	30.3	10.40	30.3	10.02	29.6	9.52
	-9.5	-10	30.7	10.67	30.7	10.77	30.5	10.77	30.5	10.33	30.5	9.96	29.8	9.47
	-8.5	-9.1	31.3	10.74	31.3	10.84	31.1	10.53	31.1	10.11	30.9	9.75	30.2	9.28
	-7.0	-7.6	32.2	10.84	32.2	10.48	32.0	10.18	32.0	9.79	32.0	9.44	30.8	8.99
	-5.0	-5.6	33.4	10.34	33.4	10.00	33.2	9.72	33.2	9.35	33.2	9.02	31.7	8.61
	-3.0	-3.7	34.7	9.85	34.7	9.52	34.4	9.25	34.4	8.91	34.4	8.61	32.6	8.23
	0.0	-0.7	36.5	9.10	36.5	8.81	36.3	8.56	36.3	8.26	36.3	7.98	33.9	7.66
	3.0	2.2	38.3	8.36	38.3	8.09	38.1	7.86	38.1	7.60	38.1	7.36	35.2	7.09
	5.0	4.1	39.5	7.87	39.5	7.61	39.3	7.39	39.3	7.16	38.2	6.94	35.6	6.71
	7.0	6	40.7	7.37	40.7	7.13	40.5	6.93	39.6	6.72	38.2	6.52	35.6	6.33
	9.0	7.9	40.7	6.94	40.7	6.72	40.6	6.53	39.6	6.34	38.2	6.15	35.6	5.96
	11.0	9.8	40.7	6.57	40.7	6.36	40.6	6.18	39.6	6.00	38.2	5.82	35.6	5.64
	13.0	11.8	40.7	6.18	40.7	5.98	40.6	5.81	39.6	5.64	38.2	5.47	35.6	5.31
	15.0	13.7	40.7	5.77	40.7	5.58	40.6	5.42	39.6	5.26	38.2	5.10	35.6	4.95
120	-24.8	-25	20.2	9.77	20.2	9.86	20.1	9.99	20.1	10.11	20.1	10.31	19.6	10.44
	-21.8	-22	24.6	9.97	24.6	10.05	24.4	10.18	24.4	10.31	24.4	10.50	23.8	10.64
	-19.8	-20	25.9	10.10	25.9	10.18	25.8	10.31	25.8	10.44	25.8	10.63	25.1	10.77
	-18.8	-19	26.4	10.16	26.4	10.25	26.2	10.38	26.2	10.50	26.2	10.70	25.5	10.84
	-16.7	-17	27.3	10.30	27.3	10.39	27.1	10.52	27.1	10.64	27.1	10.84	26.4	10.47
	-13.7	-15	28.6	10.50	28.6	10.58	28.5	10.71	28.5	10.84	28.5	10.28	27.7	9.95
	-11.8	-13	29.5	10.62	29.5	10.71	29.3	10.84	29.3	10.44	29.3	9.93	28.6	9.61
	-9.8	-11	30.3	10.75	30.3	10.84	30.1	10.39	30.1	10.02	30.1	9.56	29.4	9.26
	-9.5	-10	30.5	10.77	30.5	10.76	30.3	10.32	30.3	9.96	30.3	9.50	29.5	9.21
	-8.5	-9.1	31.1	10.84	31.1	10.52	30.9	10.10	30.9	9.75	30.8	9.32	30.0	9.04
	-7.0	-7.6	32.0	10.46	32.0	10.16	31.8	9.76	31.8	9.43	31.4	9.04	30.6	8.77
	-5.0	-5.6	33.2	9.96	33.2	9.67	33.0	9.32	33.0	9.02	33.0	8.67	31.5	8.42
	-3.0	-3.7	34.4	9.46	34.4	9.19	34.2	8.87	34.2	8.60	34.2	8.30	32.3	8.07
	0.0	-0.7	36.2	8.71	36.2	8.46	36.0	8.20	36.0	7.97	35.8	7.74	33.4	7.55
	3.0	2.2	38.0	7.95	38.0	7.73	37.8	7.53	37.1	7.34	35.8	7.18	33.4	7.03
	5.0	4.1	39.3	7.45	39.3	7.25	38.4	7.08	37.1	6.92	36.0	6.81	33.4	6.68
	7.0	6	40.4	6.95	40.0	6.76	38.4	6.63	37.1	6.50	36.0	6.44	33.4	6.33
	9.0	7.9	40.4	6.55	40.0	6.37	38.4	6.24	37.1	6.13	36.0	6.07	33.4	5.96
	11.0	9.8	40.4	6.19	40.0	6.03	38.4	5.91	37.1	5.79	36.0	5.74	33.4	5.64
	13.0	11.8	40.4	5.82	40.0	5.66	38.4	5.55	37.1	5.45	36.0	5.39	33.4	5.30
	15.0	13.7	40.4	5.43	40.0	5.28	38.4	5.18	37.1	5.08	36.0	5.03	33.4	4.94
110	-24.8	-25	20.1	9.86	20.1	9.99	20.0	10.11	20.0	10.31	20.0	10.44	19.5	10.51
	-21.8	-22	24.4	10.05	24.4	10.18	24.3	10.31	24.3	10.50	24.3	10.64	23.7	10.71
	-19.8	-20	25.8	10.18	25.8	10.31	25.6	10.44	25.6	10.63	25.6	10.77	25.0	10.84
	-18.8	-19	26.2	10.25	26.2	10.38	26.1	10.50	26.1	10.70	26.1	10.84	25.4	10.65
	-16.7	-17	27.2	10.39	27.2	10.52	27.0	10.64	27.0	10.84	27.0	10.45	26.3	10.27
	-13.7	-15	28.5	10.58	28.5	10.71	28.3	10.84	28.3	10.25	28.3	9.90	28.3	9.72
	-11.8	-13	29.3	10.71	29.3	10.84	29.1	10.42	29.1	9.87	29.1	9.55	29.1	9.37
	-9.8	-11	30.1	10.84	30.1	10.36	30.0	9.97	30.0	9.48	30.0	9.18	29.4	9.00
	-9.5	-10	30.3	10.76	30.3	10.28	30.1	9.91	30.1	9.42	30.1	9.13	29.8	8.94
	-8.5	-9.1	30.9	10.50	30.9	10.05	30.7	9.69	30.7	9.23	30.7	8.95	30.1	8.76
	-7.0	-7.6	31.8	10.10	31.8	9.69	31.6	9.35	31.6	8.93	31.6	8.67	30.1	8.49
	-5.0	-5.6	33.0	9.58	33.0	9.21	32.8	8.91	32.8	8.54	32.2	8.30	30.1	8.12
	-3.0	-3.7	34.2	9.05	34.2	8.73	34.0	8.47	33.3	8.15	32.2	7.94	30.1	7.75
	0.0	-0.7	36.0	8.26	36.0	8.01	34.4	7.81	33.3	7.56	32.2	7.39	30.1	7.20
	3.0	2.2	37.8	7.48	36.7	7.29	34.4	7.14	33.3	6.97	32.2	6.84	30.1	6.65
	5.0	4.1	38.8	6.95	36.7	6.81	34.4	6.70	33.3	6.57	32.2	6.47	30.1	6.28
	7.0	6	38.8	6.43	36.7	6.33	34.4	6.26	33.3	6.18	32.2	6.10	30.1	5.91
	9.0	7.9	38.8	6.03	36.7	5.94	34.4	5.87	33.3	5.80	32.2	5.73	30.1	5.55
	11.0	9.8	38.8	5.68	36.7	5.60	34.4	5.53	33.3	5.47	32.2	5.40	30.1	5.23
	13.0	11.8	38.8	5.32	36.7	5.24	34.4	5.18	33.3	5.11	32.2	5.05	30.1	4.89
	15.0	13.7	38.8	4.93	36.7	4.86	34.4	4.80	33.3	4.74	32.2	4.68	30.1	4.54

7. Capacity Tables

Heating Capacity (10HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	20.0	10.27	20.0	10.34	19.9	10.06	19.9	10.53	19.9	10.61	19.4	10.65
	-21.8	-22	24.3	10.38	24.3	10.46	24.2	10.37	24.2	10.64	24.2	10.78	23.6	10.76
	-19.8	-20	25.7	10.46	25.7	10.53	25.5	10.58	25.5	10.72	25.5	10.82	24.9	10.84
	-18.8	-19	26.1	10.49	25.9	10.57	25.9	10.64	25.9	10.76	25.9	10.84	25.3	10.63
	-16.7	-17	26.9	10.57	26.9	10.65	26.9	10.78	26.7	10.84	26.7	10.40	26.0	10.19
	-13.7	-15	28.3	10.69	28.3	10.76	28.2	10.84	28.2	10.18	28.2	9.77	27.5	9.56
	-11.8	-13	29.1	10.76	29.0	10.84	29.0	10.39	29.0	9.77	29.0	9.37	27.5	9.16
	-9.8	-11	30.0	10.84	30.0	10.32	29.8	9.91	29.8	9.33	29.5	8.95	27.5	8.74
	-9.5	-10	30.2	10.75	30.2	10.25	30.0	9.84	30.0	9.26	29.5	8.88	27.5	8.67
	-8.5	-9.1	30.8	10.48	30.8	9.99	30.6	9.60	30.5	9.05	29.5	8.67	27.5	8.46
	-7.0	-7.6	32.2	10.07	32.0	9.61	31.5	9.25	30.5	8.72	29.5	8.36	27.5	8.15
	-5.0	-5.6	33.6	9.52	33.3	9.10	31.5	8.77	30.5	8.28	29.5	7.94	27.5	7.73
	-3.0	-3.7	34.6	8.97	33.5	8.58	31.5	8.30	30.5	7.85	29.5	7.52	27.5	7.31
	0.0	-0.7	35.5	8.14	33.5	7.82	31.5	7.58	30.5	7.19	29.5	6.89	27.5	6.68
	3.0	2.2	35.5	7.32	33.5	7.05	31.5	6.87	30.5	6.54	29.5	6.26	27.5	6.05
	5.0	4.1	35.5	6.77	33.5	6.54	31.5	6.40	30.5	6.10	29.5	5.84	27.5	5.63
	7.0	6	35.5	6.22	33.5	6.02	31.5	5.92	30.5	5.66	29.5	5.42	27.5	5.21
	9.0	7.9	35.5	5.69	33.5	5.51	31.5	5.41	30.5	5.18	29.5	4.96	27.5	4.77
	11.0	9.8	35.5	5.19	33.5	5.03	31.5	4.94	30.5	4.73	29.5	4.53	27.5	4.35
	13.0	11.8	35.5	4.68	33.5	4.53	31.5	4.45	30.5	4.26	29.5	4.07	27.5	3.92
	15.0	13.7	35.5	4.14	33.5	4.01	31.5	3.94	30.5	3.77	29.5	3.60	27.5	3.47
90	-24.8	-25	19.9	9.49	19.9	9.69	19.8	9.83	19.8	9.89	19.8	10.02	19.3	10.22
	-21.8	-22	24.2	9.69	24.2	9.89	24.1	10.02	24.1	10.09	24.1	10.22	23.5	9.70
	-19.8	-20	25.6	9.82	25.6	10.02	25.4	10.15	25.4	10.22	25.4	9.86	24.8	9.36
	-18.8	-19	26.1	9.89	25.9	10.08	25.8	10.22	25.8	10.03	25.8	9.68	25.1	9.19
	-16.7	-17	26.9	10.02	26.9	10.22	26.8	9.82	26.8	9.64	26.8	9.30	25.1	8.82
	-13.7	-15	28.3	10.22	28.3	9.62	28.1	9.26	27.9	9.07	27.0	8.76	25.1	8.31
	-11.8	-13	29.1	9.80	29.0	9.25	28.8	8.90	27.9	8.72	27.0	8.42	25.1	7.98
	-9.8	-11	30.0	9.37	30.0	8.85	28.8	8.53	27.9	8.34	27.0	8.06	25.1	7.63
	-9.5	-10	30.2	9.30	30.2	8.79	28.8	8.47	27.9	8.28	27.0	8.00	25.1	7.58
	-8.5	-9.1	30.8	9.08	30.5	8.59	28.8	8.28	27.9	8.09	27.0	7.82	25.1	7.41
	-7.0	-7.6	32.2	8.75	30.6	8.29	28.8	8.00	27.9	7.81	27.0	7.55	25.1	7.15
	-5.0	-5.6	32.5	8.31	30.6	7.89	28.8	7.62	27.9	7.44	27.0	7.19	25.1	6.81
	-3.0	-3.7	32.5	7.88	30.6	7.50	28.8	7.24	27.9	7.06	27.0	6.83	25.1	6.46
	0.0	-0.7	32.5	7.22	30.6	6.90	28.8	6.68	27.9	6.50	27.0	6.29	25.1	5.94
	3.0	2.2	32.5	6.56	30.6	6.30	28.8	6.11	27.9	5.93	27.0	5.75	25.1	5.43
	5.0	4.1	32.5	6.12	30.6	5.91	28.8	5.74	27.9	5.55	27.0	5.39	25.1	5.08
	7.0	6	32.5	5.68	30.6	5.51	28.8	5.36	27.9	5.18	27.0	5.02	25.1	4.74
	9.0	7.9	32.5	5.29	30.6	5.12	28.8	4.98	27.9	4.81	27.0	4.67	25.1	4.41
	11.0	9.8	32.5	4.89	30.6	4.74	28.8	4.61	27.9	4.45	27.0	4.32	25.1	4.07
	13.0	11.8	32.5	4.49	30.6	4.35	28.8	4.23	27.9	4.09	27.0	3.97	25.1	3.74
	15.0	13.7	32.5	4.09	30.6	3.96	28.8	3.85	27.9	3.72	27.0	3.61	25.1	3.41
80	-24.8	-25	19.9	8.34	19.9	8.53	19.7	8.67	19.7	8.74	19.7	9.06	19.2	8.61
	-21.8	-22	24.0	8.53	24.0	8.73	24.0	8.87	24.0	9.06	24.0	8.61	22.4	8.18
	-19.8	-20	25.3	8.66	25.3	8.86	25.3	9.06	25.0	8.74	24.1	8.30	22.4	7.89
	-18.8	-19	25.7	8.73	25.7	9.06	25.7	8.89	25.0	8.57	24.1	8.15	22.4	7.74
	-16.7	-17	25.8	9.06	25.8	8.71	25.8	8.54	25.0	8.23	24.1	7.83	22.4	7.44
	-13.7	-15	27.0	8.53	26.4	8.20	25.8	8.04	25.0	7.74	24.1	7.38	22.4	7.01
	-11.8	-13	27.8	8.19	27.0	7.88	25.8	7.72	25.0	7.43	24.1	7.09	22.4	6.74
	-9.8	-11	28.5	7.83	27.3	7.54	25.8	7.38	25.0	7.11	24.1	6.78	22.4	6.45
	-9.5	-10	28.7	7.78	27.4	7.49	25.8	7.33	25.0	7.06	24.1	6.74	22.4	6.41
	-8.5	-9.1	28.9	7.60	27.5	7.32	25.8	7.16	25.0	6.90	24.1	6.58	22.4	6.26
	-7.0	-7.6	29.1	7.33	27.5	7.07	25.8	6.91	25.0	6.65	24.1	6.36	22.4	6.05
	-5.0	-5.6	29.1	6.98	27.5	6.73	25.8	6.58	25.0	6.33	24.1	6.05	22.4	5.76
	-3.0	-3.7	29.1	6.62	27.5	6.39	25.8	6.24	25.0	6.00	24.1	5.75	22.4	5.47
	0.0	-0.7	29.1	6.09	27.5	5.88	25.8	5.74	25.0	5.51	24.1	5.29	22.4	5.04
	3.0	2.2	29.1	5.55	27.5	5.38	25.8	5.23	25.0	5.02	24.1	4.84	22.4	4.61
	5.0	4.1	29.1	5.20	27.5	5.04	25.8	4.90	25.0	4.70	24.1	4.53	22.4	4.32
	7.0	6	29.1	4.84	27.5	4.70	25.8	4.56	25.0	4.37	24.1	4.23	22.4	4.04
	9.0	7.9	29.1	4.55	27.5	4.41	25.8	4.28	25.0	4.11	24.1	3.97	22.4	3.79
	11.0	9.8	29.1	4.22	27.5	4.10	25.8	3.98	25.0	3.81	24.1	3.69	22.4	3.52
	13.0	11.8	29.1	3.94	27.5	3.82	25.8	3.71	25.0	3.56	24.1	3.44	22.4	3.28
	15.0	13.7	29.1	3.71	27.5	3.60	25.8	3.49	25.0	3.35	24.1	3.24	22.4	3.09

7. Capacity Tables

Heating Capacity (10HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	19.9	8.46	19.9	8.52	19.7	8.65	19.7	8.85	19.7	8.37	19.2	7.92
	-21.8	-22	22.1	8.65	22.1	8.72	21.9	8.85	21.2	8.37	20.6	7.92	19.2	7.49
	-19.8	-20	23.6	8.79	23.3	8.85	21.9	8.51	21.2	8.05	20.6	7.62	19.2	7.21
	-18.8	-19	24.3	8.85	23.3	8.67	21.9	8.34	21.2	7.89	20.6	7.47	19.2	7.07
	-16.7	-17	24.7	8.47	23.3	8.29	21.9	7.98	21.2	7.55	20.6	7.16	19.2	6.77
	-13.7	-15	24.7	7.93	23.3	7.76	21.9	7.46	21.2	7.06	20.6	6.71	19.2	6.34
	-11.8	-13	24.7	7.59	23.3	7.42	21.9	7.14	21.2	6.76	20.6	6.43	19.2	6.07
	-9.8	-11	24.7	7.23	23.3	7.06	21.9	6.79	21.2	6.44	20.6	6.13	19.2	5.79
	-9.5	-10	24.7	7.18	23.3	7.00	21.9	6.74	21.2	6.39	20.6	6.08	19.2	5.75
	-8.5	-9.1	24.7	7.00	23.3	6.82	21.9	6.57	21.2	6.23	20.6	5.93	19.2	5.61
	-7.0	-7.6	24.7	6.73	23.3	6.56	21.9	6.31	21.2	5.99	20.6	5.71	19.2	5.39
	-5.0	-5.6	24.7	6.37	23.3	6.20	21.9	5.97	21.2	5.66	20.6	5.41	19.2	5.11
	-3.0	-3.7	24.7	6.01	23.3	5.84	21.9	5.63	21.2	5.34	20.6	5.11	19.2	4.82
	0.0	-0.7	24.7	5.47	23.3	5.30	21.9	5.11	21.2	4.86	20.6	4.67	19.2	4.40
	3.0	2.2	24.7	4.93	23.3	4.76	21.9	4.60	21.2	4.38	20.6	4.22	19.2	3.97
	5.0	4.1	24.7	4.58	23.3	4.40	21.9	4.25	21.2	4.06	20.6	3.92	19.2	3.69
	7.0	6	24.7	4.22	23.3	4.05	21.9	3.91	21.2	3.73	20.6	3.62	19.2	3.40
	9.0	7.9	24.7	3.81	23.3	3.65	21.9	3.53	21.2	3.37	20.6	3.27	19.2	3.07
	11.0	9.8	24.7	3.54	23.3	3.40	21.9	3.29	21.2	3.14	20.6	3.04	19.2	2.86
	13.0	11.8	24.7	3.32	23.3	3.18	21.9	3.08	21.2	2.94	20.6	2.85	19.2	2.68
	15.0	13.7	24.7	3.13	23.3	3.00	21.9	2.90	21.2	2.77	20.6	2.69	19.2	2.53
60	-24.8	-25	18.9	8.33	18.9	8.46	18.8	8.65	18.2	8.15	17.6	7.69	16.4	7.25
	-21.8	-22	20.3	8.52	20.1	8.65	18.8	8.15	18.2	7.69	17.6	7.25	16.4	6.84
	-19.8	-20	21.2	8.65	20.1	8.30	18.8	7.82	18.2	7.38	17.6	6.96	16.4	6.56
	-18.8	-19	21.2	8.47	20.1	8.12	18.8	7.65	18.2	7.22	17.6	6.82	16.4	6.42
	-16.7	-17	21.2	8.09	20.1	7.74	18.8	7.30	18.2	6.89	17.6	6.51	16.4	6.13
	-13.7	-15	21.2	7.54	20.1	7.21	18.8	6.80	18.2	6.43	17.6	6.08	16.4	5.72
	-11.8	-13	21.2	7.19	20.1	6.87	18.8	6.48	18.2	6.13	17.6	5.80	16.4	5.46
	-9.8	-11	21.2	6.82	20.1	6.51	18.8	6.15	18.2	5.82	17.6	5.51	16.4	5.18
	-9.5	-10	21.2	6.77	20.1	6.45	18.8	6.10	18.2	5.77	17.6	5.47	16.4	5.14
	-8.5	-9.1	21.2	6.58	20.1	6.28	18.8	5.93	18.2	5.62	17.6	5.32	16.4	5.00
	-7.0	-7.6	21.2	6.31	20.1	6.01	18.8	5.68	18.2	5.39	17.6	5.11	16.4	4.80
	-5.0	-5.6	21.2	5.94	20.1	5.65	18.8	5.35	18.2	5.08	17.6	4.82	16.4	4.52
	-3.0	-3.7	21.2	5.57	20.1	5.29	18.8	5.01	18.2	4.76	17.6	4.53	16.4	4.24
	0.0	-0.7	21.2	5.02	20.1	4.76	18.8	4.51	18.2	4.30	17.6	4.09	16.4	3.83
	3.0	2.2	21.2	4.47	20.1	4.22	18.8	4.01	18.2	3.83	17.6	3.66	16.4	3.42
	5.0	4.1	21.2	4.11	20.1	3.86	18.8	3.67	18.2	3.52	17.6	3.37	16.4	3.14
	7.0	6	21.2	3.74	20.1	3.50	18.8	3.34	18.2	3.21	17.6	3.08	16.4	2.86
	9.0	7.9	21.2	3.34	20.1	3.13	18.8	2.98	18.2	2.86	17.6	2.75	16.4	2.55
	11.0	9.8	21.2	3.12	20.1	2.92	18.8	2.78	18.2	2.67	17.6	2.57	16.4	2.39
	13.0	11.8	21.2	2.92	20.1	2.73	18.8	2.61	18.2	2.50	17.6	2.40	16.4	2.23
	15.0	13.7	21.2	2.76	20.1	2.58	18.8	2.46	18.2	2.37	17.6	2.27	16.4	2.11
50	-24.8	-25	17.7	7.33	16.7	7.52	15.7	7.08	15.2	6.67	14.7	6.28	13.7	5.93
	-21.8	-22	17.7	7.52	16.7	7.08	15.7	6.67	15.2	6.28	14.7	5.93	13.7	5.59
	-19.8	-20	17.7	7.21	16.7	6.78	15.7	6.39	15.2	6.03	14.7	5.69	13.7	5.36
	-18.8	-19	17.7	7.05	16.7	6.64	15.7	6.26	15.2	5.90	14.7	5.57	13.7	5.25
	-16.7	-17	17.7	6.73	16.7	6.33	15.7	5.97	15.2	5.63	14.7	5.32	13.7	5.01
	-13.7	-15	17.7	6.26	16.7	5.88	15.7	5.56	15.2	5.24	14.7	4.96	13.7	4.67
	-11.8	-13	17.7	5.96	16.7	5.60	15.7	5.30	15.2	5.00	14.7	4.74	13.7	4.46
	-9.8	-11	17.7	5.65	16.7	5.31	15.7	5.02	15.2	4.74	14.7	4.50	13.7	4.23
	-9.5	-10	17.7	5.60	16.7	5.26	15.7	4.98	15.2	4.70	14.7	4.47	13.7	4.20
	-8.5	-9.1	17.7	5.44	16.7	5.11	15.7	4.85	15.2	4.58	14.7	4.35	13.7	4.09
	-7.0	-7.6	17.7	5.21	16.7	4.89	15.7	4.64	15.2	4.38	14.7	4.17	13.7	3.92
	-5.0	-5.6	17.7	4.89	16.7	4.60	15.7	4.37	15.2	4.13	14.7	3.93	13.7	3.69
	-3.0	-3.7	17.7	4.58	16.7	4.30	15.7	4.09	15.2	3.87	14.7	3.69	13.7	3.47
	0.0	-0.7	17.7	4.11	16.7	3.86	15.7	3.68	15.2	3.48	14.7	3.34	13.7	3.13
	3.0	2.2	17.7	3.64	16.7	3.42	15.7	3.27	15.2	3.10	14.7	2.98	13.7	2.79
	5.0	4.1	17.7	3.33	16.7	3.12	15.7	2.99	15.2	2.84	14.7	2.74	13.7	2.56
	7.0	6	17.7	3.02	16.7	2.82	15.7	2.72	15.2	2.58	14.7	2.50	13.7	2.34
	9.0	7.9	17.7	2.72	16.7	2.55	15.7	2.46	15.2	2.33	14.7	2.26	13.7	2.11
	11.0	9.8	17.7	2.55	16.7	2.39	15.7	2.30	15.2	2.18	14.7	2.12	13.7	1.97
	13.0	11.8	17.7	2.39	16.7	2.24	15.7	2.16	15.2	2.05	14.7	1.99	13.7	1.85
	15.0	13.7	17.7	2.26	16.7	2.12	15.7	2.04	15.2	1.94	14.7	1.88	13.7	1.75

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM120LTE5

Heating Capacity (12HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	23.9	11.43	23.9	11.64	23.8	11.83	23.8	12.11	23.8	12.39	23.7	12.82
	-21.8	-22	28.4	11.86	28.4	12.07	28.2	12.26	28.2	12.54	28.2	12.82	28.1	13.24
	-19.8	-20	29.6	12.14	29.6	12.36	29.4	12.54	29.4	12.83	29.4	13.10	29.3	13.53
	-18.8	-19	30.3	12.29	30.3	12.50	30.1	12.69	30.1	12.97	30.1	13.24	30.0	13.67
	-16.7	-17	31.8	12.59	31.8	12.80	31.6	12.99	31.6	13.27	31.6	13.54	31.4	13.97
	-13.7	-15	33.9	13.02	33.9	13.23	33.7	13.42	33.7	13.70	33.7	13.97	33.5	13.32
	-11.8	-13	35.0	13.29	35.0	13.50	34.8	13.69	34.8	13.97	34.8	13.53	34.8	12.91
	-9.8	-11	36.2	13.57	36.2	13.79	35.9	13.97	35.9	13.49	35.9	13.06	35.9	12.48
	-9.5	-10	36.4	13.62	36.4	13.83	36.2	13.90	36.2	13.41	36.1	12.99	36.1	12.41
	-8.5	-9.1	37.3	13.76	37.3	13.97	37.1	13.64	37.1	13.17	36.7	12.75	36.7	12.19
	-7.0	-7.6	38.7	13.97	38.7	13.58	38.4	13.26	38.4	12.80	38.4	12.40	38.2	11.87
	-5.0	-5.6	40.5	13.45	40.5	13.07	40.2	12.74	40.2	12.31	40.2	11.93	39.5	11.43
	-3.0	-3.7	42.3	12.92	42.3	12.55	42.0	12.23	42.0	11.82	42.0	11.46	40.9	11.00
	0.0	-0.7	44.9	12.13	44.9	11.77	44.7	11.46	44.7	11.09	44.7	10.75	42.7	10.35
	3.0	2.2	47.6	11.34	47.6	10.99	47.3	10.69	47.3	10.36	45.8	10.04	42.7	9.70
	5.0	4.1	48.9	10.81	48.9	10.47	48.7	10.18	47.5	9.87	45.8	9.57	42.7	9.26
	7.0	6	48.9	10.28	48.9	9.95	48.7	9.66	47.5	9.38	45.8	9.10	42.7	8.83
	9.0	7.9	48.9	9.84	48.9	9.52	48.7	9.24	47.5	8.97	45.8	8.71	42.7	8.45
	11.0	9.8	48.9	9.47	48.9	9.16	48.7	8.90	47.5	8.64	45.8	8.38	42.7	8.13
	13.0	11.8	48.9	9.08	48.9	8.79	48.7	8.53	47.5	8.28	45.8	8.04	42.7	7.80
	15.0	13.7	48.9	8.67	48.9	8.39	48.7	8.14	47.5	7.91	45.8	7.67	42.7	7.44
120	-24.8	-25	23.8	11.64	23.8	11.83	23.6	12.11	23.6	12.39	23.6	12.82	23.5	13.12
	-21.8	-22	28.2	12.07	28.2	12.26	28.0	12.54	28.0	12.82	28.0	13.24	27.9	13.54
	-19.8	-20	29.4	12.36	29.4	12.54	29.2	12.83	29.2	13.10	29.2	13.53	29.1	13.83
	-18.8	-19	30.1	12.50	30.1	12.69	29.9	12.97	29.9	13.24	29.9	13.67	29.8	13.97
	-16.7	-17	31.6	12.80	31.6	12.99	31.4	13.27	31.4	13.54	31.4	13.97	31.2	13.56
	-13.7	-15	33.6	13.23	33.6	13.42	33.4	13.70	33.4	13.97	33.4	13.34	33.3	12.96
	-11.8	-13	34.7	13.50	34.7	13.69	34.5	13.97	34.5	13.52	34.5	12.94	34.5	12.58
	-9.8	-11	35.9	13.79	35.9	13.97	35.7	13.47	35.7	13.05	35.7	12.52	35.7	12.18
	-9.5	-10	36.2	13.83	36.2	13.89	36.0	13.40	36.0	12.98	36.0	12.46	36.0	12.12
	-8.5	-9.1	37.1	13.97	37.1	13.62	36.8	13.14	36.8	12.74	36.8	12.25	36.8	11.92
	-7.0	-7.6	38.4	13.56	38.4	13.22	38.2	12.77	38.2	12.39	38.0	11.93	37.9	11.62
	-5.0	-5.6	40.2	13.01	40.2	12.68	39.9	12.27	39.9	11.91	39.9	11.51	39.3	11.22
	-3.0	-3.7	42.0	12.46	42.0	12.14	41.7	11.76	41.7	11.44	41.7	11.09	40.1	10.82
	0.0	-0.7	44.6	11.63	44.6	11.33	44.3	11.01	44.3	10.73	43.1	10.46	40.1	10.22
	3.0	2.2	47.3	10.80	47.3	10.52	46.1	10.26	44.5	10.02	43.1	9.83	40.1	9.63
	5.0	4.1	48.5	10.25	48.0	9.98	46.1	9.75	44.5	9.55	43.1	9.41	40.1	9.23
	7.0	6	48.5	9.70	48.0	9.44	46.1	9.25	44.5	9.07	43.1	8.99	40.1	8.83
	9.0	7.9	48.5	9.26	48.0	9.01	46.1	8.84	44.5	8.67	43.1	8.59	40.1	8.43
	11.0	9.8	48.5	8.91	48.0	8.66	46.1	8.49	44.5	8.33	43.1	8.25	40.1	8.11
	13.0	11.8	48.5	8.53	48.0	8.29	46.1	8.13	44.5	7.98	43.1	7.90	40.1	7.76
	15.0	13.7	48.5	8.12	48.0	7.90	46.1	7.75	44.5	7.60	43.1	7.53	40.1	7.39
110	-24.8	-25	23.6	11.83	23.6	12.11	23.5	12.39	23.5	12.82	23.5	13.12	23.4	13.26
	-21.8	-22	28.1	12.26	28.1	12.54	27.9	12.82	27.9	13.24	27.9	13.54	27.8	13.69
	-19.8	-20	29.2	12.54	29.2	12.83	29.1	13.10	29.1	13.53	29.1	13.83	28.9	13.97
	-18.8	-19	29.9	12.69	29.9	12.97	29.7	13.24	29.7	13.67	29.7	13.97	29.6	13.76
	-16.7	-17	31.4	12.99	31.4	13.27	31.2	13.54	31.2	13.97	31.2	13.53	31.0	13.31
	-13.7	-15	33.5	13.42	33.5	13.70	33.2	13.97	33.2	13.30	33.2	12.89	33.2	12.67
	-11.8	-13	34.6	13.69	34.6	13.97	34.3	13.49	34.3	12.87	34.3	12.49	34.3	12.27
	-9.8	-11	35.7	13.97	35.7	13.43	35.5	12.99	35.5	12.42	35.5	12.07	35.5	11.84
	-9.5	-10	36.0	13.88	36.0	13.34	35.8	12.91	35.8	12.35	35.8	12.01	35.8	11.77
	-8.5	-9.1	36.9	13.59	36.9	13.07	36.6	12.66	36.6	12.12	36.6	11.79	36.1	11.56
	-7.0	-7.6	38.2	13.14	38.2	12.66	38.0	12.28	38.0	11.78	38.0	11.48	36.1	11.24
	-5.0	-5.6	40.0	12.54	40.0	12.11	39.7	11.77	39.7	11.33	38.6	11.05	36.1	10.81
	-3.0	-3.7	41.7	11.95	41.7	11.57	41.3	11.26	40.0	10.88	38.6	10.63	36.1	10.39
	0.0	-0.7	44.4	11.05	44.0	10.75	41.3	10.50	40.0	10.20	38.6	10.00	36.1	9.75
	3.0	2.2	46.6	10.16	44.0	9.92	41.3	9.74	40.0	9.53	38.6	9.36	36.1	9.11
	5.0	4.1	46.6	9.56	44.0	9.38	41.3	9.24	40.0	9.08	38.6	8.94	36.1	8.68
	7.0	6	46.6	8.96	44.0	8.83	41.3	8.73	40.0	8.62	38.6	8.51	36.1	8.25
	9.0	7.9	46.6	8.53	44.0	8.40	41.3	8.31	40.0	8.21	38.6	8.10	36.1	7.85
	11.0	9.8	46.6	8.16	44.0	8.04	41.3	7.95	40.0	7.85	38.6	7.75	36.1	7.51
	13.0	11.8	46.6	7.77	44.0	7.66	41.3	7.57	40.0	7.48	38.6	7.38	36.1	7.16
	15.0	13.7	46.6	7.37	44.0	7.26	41.3	7.17	40.0	7.09	38.6	7.00	36.1	6.78

7. Capacity Tables

Heating Capacity (12HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	23.5	13.34	23.5	13.42	23.4	12.93	23.4	13.63	23.4	13.72	23.3	13.76
	-21.8	-22	27.9	13.47	27.9	13.55	27.8	13.34	27.8	13.76	27.8	14.06	27.6	13.89
	-19.8	-20	29.1	13.55	29.1	13.63	28.9	13.61	28.9	13.84	28.9	14.00	28.8	13.97
	-18.8	-19	29.8	13.59	29.6	13.68	29.6	13.76	29.6	13.88	29.6	13.97	29.5	13.72
	-16.7	-17	31.1	13.68	31.1	13.77	31.1	14.06	30.9	13.97	30.9	13.45	30.7	13.20
	-13.7	-15	33.3	13.81	33.3	13.89	33.1	13.97	33.1	13.21	33.1	12.71	33.0	12.45
	-11.8	-13	34.4	13.89	34.2	13.97	34.2	13.45	34.2	12.72	34.2	12.23	33.0	11.97
	-9.8	-11	35.5	13.97	35.5	13.38	35.4	12.90	35.4	12.21	35.4	11.74	33.0	11.47
	-9.5	-10	35.8	13.88	35.8	13.29	35.6	12.81	35.6	12.13	35.4	11.66	33.0	11.40
	-8.5	-9.1	36.7	13.56	36.7	13.00	36.5	12.54	36.6	11.87	35.4	11.41	33.0	11.15
	-7.0	-7.6	38.6	13.09	38.5	12.55	37.8	12.12	36.6	11.49	35.4	11.04	33.0	10.77
	-5.0	-5.6	40.3	12.46	39.9	11.96	37.8	11.57	36.6	10.98	35.4	10.54	33.0	10.27
	-3.0	-3.7	41.5	11.83	40.2	11.37	37.8	11.02	36.6	10.46	35.4	10.05	33.0	9.77
	0.0	-0.7	42.6	10.89	40.2	10.48	37.8	10.19	36.6	9.70	35.4	9.30	33.0	9.02
	3.0	2.2	42.6	9.94	40.2	9.59	37.8	9.36	36.6	8.93	35.4	8.56	33.0	8.27
	5.0	4.1	42.6	9.31	40.2	9.00	37.8	8.81	36.6	8.41	35.4	8.06	33.0	7.77
	7.0	6	42.6	8.68	40.2	8.41	37.8	8.26	36.6	7.90	35.4	7.56	33.0	7.27
	9.0	7.9	42.6	8.17	40.2	7.91	37.8	7.77	36.6	7.44	35.4	7.12	33.0	6.84
	11.0	9.8	42.6	7.72	40.2	7.48	37.8	7.35	36.6	7.03	35.4	6.73	33.0	6.47
	13.0	11.8	42.6	7.25	40.2	7.02	37.8	6.90	36.6	6.60	35.4	6.32	33.0	6.07
	15.0	13.7	42.6	6.76	40.2	6.54	37.8	6.43	36.6	6.15	35.4	5.89	33.0	5.66
90	-24.8	-25	23.4	11.74	23.4	12.17	23.3	12.47	23.3	12.61	23.3	12.90	23.2	13.33
	-21.8	-22	27.8	12.17	27.8	12.60	27.7	12.90	27.7	13.04	27.7	13.33	27.5	12.69
	-19.8	-20	29.0	12.46	29.0	12.88	28.8	13.18	28.8	13.33	28.8	12.89	28.7	12.27
	-18.8	-19	29.8	12.60	29.6	13.03	29.5	13.33	29.5	13.10	29.5	12.67	29.4	12.06
	-16.7	-17	31.1	12.90	31.1	13.33	30.9	12.85	30.9	12.62	30.9	12.21	30.1	11.62
	-13.7	-15	33.3	13.33	33.3	12.61	33.0	12.17	33.0	11.94	32.4	11.55	30.1	10.98
	-11.8	-13	34.4	12.83	34.2	12.16	34.1	11.74	33.5	11.51	32.4	11.13	30.1	10.58
	-9.8	-11	35.5	12.31	35.5	11.69	34.6	11.29	33.5	11.05	32.4	10.70	30.1	10.16
	-9.5	-10	35.8	12.23	35.8	11.61	34.6	11.22	33.5	10.98	32.4	10.63	30.1	10.10
	-8.5	-9.1	36.7	11.97	36.4	11.38	34.6	10.99	33.5	10.75	32.4	10.41	30.1	9.88
	-7.0	-7.6	38.6	11.58	36.7	11.02	34.6	10.65	33.5	10.41	32.4	10.08	30.1	9.57
	-5.0	-5.6	39.0	11.06	36.7	10.54	34.6	10.20	33.5	9.96	32.4	9.64	30.1	9.15
	-3.0	-3.7	39.0	10.54	36.7	10.07	34.6	9.75	33.5	9.50	32.4	9.20	30.1	8.72
	0.0	-0.7	39.0	9.76	36.7	9.35	34.6	9.07	33.5	8.82	32.4	8.55	30.1	8.09
	3.0	2.2	39.0	8.97	36.7	8.64	34.6	8.39	33.5	8.14	32.4	7.89	30.1	7.46
	5.0	4.1	39.0	8.45	36.7	8.16	34.6	7.93	33.5	7.68	32.4	7.45	30.1	7.03
	7.0	6	39.0	7.93	36.7	7.69	34.6	7.48	33.5	7.23	32.4	7.01	30.1	6.61
	9.0	7.9	39.0	7.45	36.7	7.22	34.6	7.03	33.5	6.79	32.4	6.59	30.1	6.21
	11.0	9.8	39.0	6.97	36.7	6.76	34.6	6.57	33.5	6.35	32.4	6.16	30.1	5.81
	13.0	11.8	39.0	6.49	36.7	6.29	34.6	6.12	33.5	5.91	32.4	5.74	30.1	5.41
	15.0	13.7	39.0	6.01	36.7	5.82	34.6	5.67	33.5	5.47	32.4	5.31	30.1	5.01
80	-24.8	-25	23.3	10.23	23.3	10.66	23.2	10.96	23.2	11.10	23.2	11.82	23.1	11.26
	-21.8	-22	27.5	10.66	27.5	11.09	27.5	11.39	27.5	11.82	27.5	11.26	26.9	10.73
	-19.8	-20	28.7	10.95	28.7	11.37	28.7	11.82	28.7	11.42	28.7	10.89	26.9	10.38
	-18.8	-19	29.4	11.09	29.4	11.82	29.4	11.61	29.4	11.22	28.9	10.70	26.9	10.20
	-16.7	-17	30.9	11.82	30.9	11.39	30.9	11.19	30.0	10.81	28.9	10.31	26.9	9.83
	-13.7	-15	32.3	11.18	31.7	10.78	30.9	10.58	30.0	10.21	28.9	9.75	26.9	9.30
	-11.8	-13	33.2	10.77	32.2	10.39	30.9	10.19	30.0	9.83	28.9	9.40	26.9	8.96
	-9.8	-11	34.1	10.34	32.7	9.98	30.9	9.78	30.0	9.44	28.9	9.03	26.9	8.61
	-9.5	-10	34.3	10.28	32.8	9.92	30.9	9.72	30.0	9.38	28.9	8.97	26.9	8.55
	-8.5	-9.1	34.7	10.07	33.0	9.72	30.9	9.52	30.0	9.18	28.9	8.78	26.9	8.38
	-7.0	-7.6	35.0	9.75	33.0	9.41	30.9	9.21	30.0	8.88	28.9	8.51	26.9	8.11
	-5.0	-5.6	35.0	9.32	33.0	9.01	30.9	8.81	30.0	8.48	28.9	8.13	26.9	7.76
	-3.0	-3.7	35.0	8.89	33.0	8.60	30.9	8.40	30.0	8.09	28.9	7.76	26.9	7.40
	0.0	-0.7	35.0	8.25	33.0	7.99	30.9	7.79	30.0	7.49	28.9	7.20	26.9	6.87
	3.0	2.2	35.0	7.61	33.0	7.37	30.9	7.18	30.0	6.89	28.9	6.64	26.9	6.34
	5.0	4.1	35.0	7.18	33.0	6.97	30.9	6.77	30.0	6.50	28.9	6.27	26.9	5.99
	7.0	6	35.0	6.76	33.0	6.56	30.9	6.37	30.0	6.10	28.9	5.90	26.9	5.63
	9.0	7.9	35.0	6.34	33.0	6.16	30.9	5.98	30.0	5.73	28.9	5.54	26.9	5.29
	11.0	9.8	35.0	5.89	33.0	5.72	30.9	5.55	30.0	5.32	28.9	5.14	26.9	4.91
	13.0	11.8	35.0	5.50	33.0	5.34	30.9	5.18	30.0	4.96	28.9	4.80	26.9	4.58
	15.0	13.7	35.0	5.17	33.0	5.02	30.9	4.87	30.0	4.67	28.9	4.52	26.9	4.31

7. Capacity Tables

Heating Capacity (12HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	23.3	10.53	23.3	10.67	23.2	10.96	23.2	11.39	23.2	10.81	23.0	10.26
	-21.8	-22	26.5	10.96	26.5	11.10	26.3	11.39	25.4	10.81	24.7	10.26	23.0	9.74
	-19.8	-20	28.6	11.25	28.0	11.39	26.3	10.98	25.4	10.42	24.7	9.90	23.0	9.40
	-18.8	-19	29.4	11.39	28.0	11.17	26.3	10.77	25.4	10.22	24.7	9.72	23.0	9.22
	-16.7	-17	29.6	10.94	28.0	10.72	26.3	10.34	25.4	9.82	24.7	9.34	23.0	8.86
	-13.7	-15	29.6	10.30	28.0	10.08	26.3	9.72	25.4	9.23	24.7	8.80	23.0	8.34
	-11.8	-13	29.6	9.89	28.0	9.67	26.3	9.33	25.4	8.86	24.7	8.45	23.0	8.01
	-9.8	-11	29.6	9.47	28.0	9.25	26.3	8.92	25.4	8.47	24.7	8.09	23.0	7.66
	-9.5	-10	29.6	9.40	28.0	9.18	26.3	8.86	25.4	8.42	24.7	8.04	23.0	7.61
	-8.5	-9.1	29.6	9.19	28.0	8.97	26.3	8.65	25.4	8.22	24.7	7.86	23.0	7.44
	-7.0	-7.6	29.6	8.87	28.0	8.65	26.3	8.34	25.4	7.93	24.7	7.59	23.0	7.18
	-5.0	-5.6	29.6	8.44	28.0	8.22	26.3	7.93	25.4	7.54	24.7	7.22	23.0	6.83
	-3.0	-3.7	29.6	8.02	28.0	7.79	26.3	7.52	25.4	7.15	24.7	6.86	23.0	6.48
	0.0	-0.7	29.6	7.38	28.0	7.15	26.3	6.90	25.4	6.57	24.7	6.32	23.0	5.96
	3.0	2.2	29.6	6.74	28.0	6.50	26.3	6.28	25.4	5.99	24.7	5.78	23.0	5.44
	5.0	4.1	29.6	6.31	28.0	6.07	26.3	5.87	25.4	5.60	24.7	5.41	23.0	5.10
	7.0	6	29.6	5.88	28.0	5.65	26.3	5.46	25.4	5.21	24.7	5.05	23.0	4.75
	9.0	7.9	29.6	5.31	28.0	5.10	26.3	4.93	25.4	4.70	24.7	4.56	23.0	4.29
	11.0	9.8	29.6	4.95	28.0	4.75	26.3	4.59	25.4	4.38	24.7	4.25	23.0	3.99
	13.0	11.8	29.6	4.63	28.0	4.44	26.3	4.29	25.4	4.10	24.7	3.97	23.0	3.74
	15.0	13.7	29.6	4.36	28.0	4.19	26.3	4.05	25.4	3.86	24.7	3.75	23.0	3.52
60	-24.8	-25	22.7	10.24	22.7	10.53	22.6	10.96	21.8	10.37	21.1	9.81	19.7	9.29
	-21.8	-22	24.3	10.67	24.1	10.96	22.6	10.37	21.8	9.81	21.1	9.29	19.7	8.79
	-19.8	-20	25.4	10.96	24.1	10.54	22.6	9.97	21.8	9.44	21.1	8.94	19.7	8.46
	-18.8	-19	25.4	10.75	24.1	10.33	22.6	9.77	21.8	9.25	21.1	8.77	19.7	8.29
	-16.7	-17	25.4	10.30	24.1	9.88	22.6	9.36	21.8	8.87	21.1	8.41	19.7	7.94
	-13.7	-15	25.4	9.65	24.1	9.25	22.6	8.76	21.8	8.31	21.1	7.89	19.7	7.44
	-11.8	-13	25.4	9.25	24.1	8.85	22.6	8.38	21.8	7.96	21.1	7.56	19.7	7.13
	-9.8	-11	25.4	8.82	24.1	8.43	22.6	7.99	21.8	7.59	21.1	7.21	19.7	6.79
	-9.5	-10	25.4	8.75	24.1	8.37	22.6	7.93	21.8	7.53	21.1	7.16	19.7	6.74
	-8.5	-9.1	25.4	8.54	24.1	8.16	22.6	7.73	21.8	7.35	21.1	6.98	19.7	6.58
	-7.0	-7.6	25.4	8.22	24.1	7.84	22.6	7.43	21.8	7.07	21.1	6.72	19.7	6.33
	-5.0	-5.6	25.4	7.79	24.1	7.42	22.6	7.04	21.8	6.70	21.1	6.38	19.7	5.99
	-3.0	-3.7	25.4	7.36	24.1	7.00	22.6	6.64	21.8	6.33	21.1	6.03	19.7	5.66
	0.0	-0.7	25.4	6.72	24.1	6.36	22.6	6.05	21.8	5.77	21.1	5.51	19.7	5.16
	3.0	2.2	25.4	6.08	24.1	5.73	22.6	5.45	21.8	5.22	21.1	4.99	19.7	4.66
	5.0	4.1	25.4	5.65	24.1	5.31	22.6	5.06	21.8	4.85	21.1	4.64	19.7	4.33
	7.0	6	25.4	5.22	24.1	4.89	22.6	4.66	21.8	4.48	21.1	4.30	19.7	3.99
	9.0	7.9	25.4	4.66	24.1	4.36	22.6	4.16	21.8	4.00	21.1	3.83	19.7	3.56
	11.0	9.8	25.4	4.35	24.1	4.07	22.6	3.88	21.8	3.73	21.1	3.58	19.7	3.33
	13.0	11.8	25.4	4.07	24.1	3.81	22.6	3.64	21.8	3.50	21.1	3.35	19.7	3.12
	15.0	13.7	25.4	3.85	24.1	3.61	22.6	3.44	21.8	3.30	21.1	3.17	19.7	2.95
50	-24.8	-25	21.2	9.38	20.0	9.81	18.8	9.26	18.2	8.74	17.6	8.26	16.4	7.81
	-21.8	-22	21.2	9.81	20.0	9.26	18.8	8.74	18.2	8.26	17.6	7.81	16.4	7.38
	-19.8	-20	21.2	9.42	20.0	8.89	18.8	8.40	18.2	7.93	17.6	7.51	16.4	7.09
	-18.8	-19	21.2	9.23	20.0	8.70	18.8	8.23	18.2	7.77	17.6	7.36	16.4	6.95
	-16.7	-17	21.2	8.82	20.0	8.32	18.8	7.87	18.2	7.43	17.6	7.04	16.4	6.65
	-13.7	-15	21.2	8.24	20.0	7.76	18.8	7.35	18.2	6.95	17.6	6.59	16.4	6.22
	-11.8	-13	21.2	7.87	20.0	7.41	18.8	7.02	18.2	6.64	17.6	6.31	16.4	5.95
	-9.8	-11	21.2	7.48	20.0	7.04	18.8	6.68	18.2	6.32	17.6	6.01	16.4	5.66
	-9.5	-10	21.2	7.42	20.0	6.99	18.8	6.63	18.2	6.27	17.6	5.97	16.4	5.62
	-8.5	-9.1	21.2	7.22	20.0	6.80	18.8	6.46	18.2	6.11	17.6	5.82	16.4	5.48
	-7.0	-7.6	21.2	6.93	20.0	6.53	18.8	6.20	18.2	5.87	17.6	5.59	16.4	5.26
	-5.0	-5.6	21.2	6.54	20.0	6.16	18.8	5.86	18.2	5.54	17.6	5.29	16.4	4.98
	-3.0	-3.7	21.2	6.15	20.0	5.79	18.8	5.51	18.2	5.22	17.6	4.99	16.4	4.69
	0.0	-0.7	21.2	5.57	20.0	5.23	18.8	5.00	18.2	4.74	17.6	4.54	16.4	4.26
	3.0	2.2	21.2	4.99	20.0	4.68	18.8	4.48	18.2	4.25	17.6	4.09	16.4	3.83
	5.0	4.1	21.2	4.60	20.0	4.31	18.8	4.14	18.2	3.93	17.6	3.79	16.4	3.55
	7.0	6	21.2	4.21	20.0	3.94	18.8	3.80	18.2	3.61	17.6	3.49	16.4	3.26
	9.0	7.9	21.2	3.80	20.0	3.56	18.8	3.43	18.2	3.26	17.6	3.16	16.4	2.94
	11.0	9.8	21.2	3.56	20.0	3.33	18.8	3.21	18.2	3.05	17.6	2.95	16.4	2.75
	13.0	11.8	21.2	3.34	20.0	3.13	18.8	3.01	18.2	2.86	17.6	2.77	16.4	2.59
	15.0	13.7	21.2	3.16	20.0	2.96	18.8	2.85	18.2	2.71	17.6	2.62	16.4	2.45

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM140LTE5

Heating Capacity (14HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	27.3	13.07	27.3	13.20	27.2	13.32	27.2	13.50	27.2	13.67	26.6	13.94
	-21.8	-22	33.3	13.34	33.3	13.47	33.0	13.59	33.0	13.77	33.0	13.94	32.4	14.21
	-19.8	-20	35.1	13.52	35.1	13.65	34.9	13.77	34.9	13.95	34.9	14.12	34.2	14.39
	-18.8	-19	35.9	13.61	35.9	13.74	35.7	13.86	35.7	14.04	35.7	14.21	35.0	14.48
	-16.7	-17	37.7	13.80	37.7	13.93	37.4	14.05	37.4	14.23	37.4	14.40	36.7	14.67
	-13.7	-15	40.1	14.07	40.1	14.20	39.9	14.32	39.9	14.50	39.9	14.67	39.1	14.13
	-11.8	-13	41.4	14.24	41.4	14.37	41.2	14.49	41.2	14.67	41.2	14.31	40.6	13.79
	-9.8	-11	42.8	14.42	42.8	14.55	42.5	14.67	42.5	14.29	42.5	13.93	42.2	13.43
	-9.5	-10	43.1	14.45	43.1	14.58	42.8	14.61	42.8	14.23	42.8	13.87	42.5	13.37
	-8.5	-9.1	43.9	14.54	43.9	14.67	43.6	14.42	43.6	14.03	43.4	13.68	43.3	13.19
	-7.0	-7.6	45.1	14.67	45.1	14.39	44.8	14.12	44.8	13.74	44.8	13.39	44.5	12.92
	-5.0	-5.6	46.8	14.30	46.8	14.00	46.5	13.73	46.5	13.36	46.5	13.01	46.1	12.56
	-3.0	-3.7	48.4	13.94	48.4	13.62	48.1	13.34	48.1	12.97	48.1	12.63	47.7	12.20
	0.0	-0.7	50.9	13.39	50.9	13.05	50.6	12.75	50.6	12.39	50.6	12.05	49.8	11.66
	3.0	2.2	53.4	12.84	53.4	12.48	53.0	12.16	53.0	11.81	53.0	11.48	49.8	11.11
	5.0	4.1	55.0	12.47	55.0	12.09	54.7	11.77	54.7	11.43	53.5	11.10	49.8	10.75
	7.0	6	56.7	12.10	56.7	11.71	56.3	11.37	55.4	11.04	53.5	10.71	49.8	10.39
	9.0	7.9	57.0	11.80	57.0	11.42	56.8	11.09	55.4	10.77	53.5	10.45	49.8	10.13
	11.0	9.8	57.0	11.60	57.0	11.23	56.8	10.90	55.4	10.59	53.5	10.27	49.8	9.96
	13.0	11.8	57.0	11.39	57.0	11.02	56.8	10.70	55.4	10.39	53.5	10.08	49.8	9.78
	15.0	13.7	57.0	11.16	57.0	10.80	56.8	10.49	55.4	10.18	53.5	9.88	49.8	9.58
120	-24.8	-25	27.1	13.20	27.1	13.32	27.0	13.50	27.0	13.67	27.0	13.94	26.4	14.13
	-21.8	-22	33.0	13.47	33.0	13.59	32.8	13.77	32.8	13.94	32.8	14.21	32.2	14.40
	-19.8	-20	34.8	13.65	34.8	13.77	34.6	13.95	34.6	14.12	34.6	14.39	33.9	14.58
	-18.8	-19	35.7	13.74	35.7	13.86	35.4	14.04	35.4	14.21	35.4	14.48	34.7	14.67
	-16.7	-17	37.4	13.93	37.4	14.05	37.2	14.23	37.2	14.40	37.2	14.67	36.4	14.32
	-13.7	-15	39.8	14.20	39.8	14.32	39.6	14.50	39.6	14.67	39.6	14.15	38.8	13.82
	-11.8	-13	41.1	14.37	41.1	14.49	40.9	14.67	40.9	14.30	40.9	13.82	40.3	13.51
	-9.8	-11	42.5	14.55	42.5	14.67	42.2	14.27	42.2	13.92	42.2	13.48	41.9	13.18
	-9.5	-10	42.8	14.58	42.8	14.61	42.5	14.21	42.5	13.86	42.5	13.43	42.2	13.13
	-8.5	-9.1	43.6	14.67	43.6	14.40	43.3	14.01	43.3	13.67	43.3	13.25	43.0	12.96
	-7.0	-7.6	44.8	14.36	44.8	14.08	44.5	13.71	44.5	13.38	44.5	13.00	44.2	12.71
	-5.0	-5.6	46.4	13.94	46.4	13.65	46.1	13.30	46.1	12.99	46.1	12.65	45.8	12.38
	-3.0	-3.7	48.1	13.52	48.1	13.23	47.8	12.90	47.8	12.61	47.8	12.30	46.8	12.05
	0.0	-0.7	50.5	12.89	50.5	12.59	50.2	12.30	50.2	12.03	50.2	11.79	46.8	11.55
	3.0	2.2	53.0	12.25	53.0	11.95	52.6	11.69	52.0	11.45	50.3	11.27	46.8	11.05
	5.0	4.1	54.6	11.83	54.6	11.53	53.7	11.29	52.0	11.06	50.3	10.92	46.8	10.72
	7.0	6	56.3	11.41	55.9	11.11	53.7	10.89	52.0	10.68	50.3	10.58	46.8	10.39
	9.0	7.9	56.5	11.10	55.9	10.80	53.7	10.59	52.0	10.39	50.3	10.29	46.8	10.10
	11.0	9.8	56.5	10.89	55.9	10.59	53.7	10.38	52.0	10.18	50.3	10.09	46.8	9.91
	13.0	11.8	56.5	10.66	55.9	10.37	53.7	10.16	52.0	9.97	50.3	9.87	46.8	9.70
	15.0	13.7	56.5	10.41	55.9	10.12	53.7	9.93	52.0	9.74	50.3	9.64	46.8	9.47
110	-24.8	-25	27.0	13.32	27.0	13.50	26.8	13.67	26.8	13.94	26.8	14.13	26.3	14.22
	-21.8	-22	32.8	13.59	32.8	13.77	32.6	13.94	32.6	14.21	32.6	14.40	32.0	14.49
	-19.8	-20	34.7	13.77	34.7	13.95	34.4	14.12	34.4	14.39	34.4	14.58	33.8	14.67
	-18.8	-19	35.5	13.86	35.5	14.04	35.2	14.21	35.2	14.48	35.2	14.67	34.6	14.49
	-16.7	-17	37.2	14.05	37.2	14.23	37.0	14.40	37.0	14.67	37.0	14.29	36.2	14.10
	-13.7	-15	39.6	14.32	39.6	14.50	39.4	14.67	39.4	14.10	39.4	13.75	39.4	13.54
	-11.8	-13	40.9	14.49	40.9	14.67	40.7	14.27	40.7	13.74	40.7	13.41	40.7	13.19
	-9.8	-11	42.3	14.67	42.3	14.22	42.0	13.84	42.0	13.35	42.0	13.05	42.0	12.82
	-9.5	-10	42.5	14.60	42.5	14.15	42.3	13.78	42.3	13.30	42.3	12.99	42.1	12.76
	-8.5	-9.1	43.3	14.35	43.3	13.92	43.1	13.57	43.1	13.11	43.1	12.81	42.1	12.58
	-7.0	-7.6	44.6	13.98	44.6	13.58	44.3	13.25	44.3	12.82	44.3	12.54	42.1	12.30
	-5.0	-5.6	46.2	13.49	46.2	13.12	45.9	12.82	45.9	12.44	45.1	12.18	42.1	11.93
	-3.0	-3.7	47.8	13.00	47.8	12.67	47.5	12.40	46.6	12.06	45.1	11.82	42.1	11.56
	0.0	-0.7	50.3	12.27	50.3	11.98	48.2	11.76	46.6	11.48	45.1	11.28	42.1	11.01
	3.0	2.2	52.7	11.53	51.4	11.30	48.2	11.12	46.6	10.91	45.1	10.74	42.1	10.45
	5.0	4.1	54.3	11.04	51.4	10.85	48.2	10.70	46.6	10.53	45.1	10.38	42.1	10.08
	7.0	6	54.4	10.55	51.4	10.39	48.2	10.27	46.6	10.15	45.1	10.02	42.1	9.71
	9.0	7.9	54.4	10.21	51.4	10.06	48.2	9.95	46.6	9.83	45.1	9.70	42.1	9.40
	11.0	9.8	54.4	9.97	51.4	9.82	48.2	9.71	46.6	9.59	45.1	9.47	42.1	9.17
	13.0	11.8	54.4	9.70	51.4	9.56	48.2	9.45	46.6	9.33	45.1	9.21	42.1	8.93
	15.0	13.7	54.4	9.42	51.4	9.28	48.2	9.17	46.6	9.06	45.1	8.95	42.1	8.67

7. Capacity Tables

Heating Capacity (14HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	26.9	14.67	26.9	14.67	26.7	13.87	26.7	14.67	26.7	14.67	26.2	14.67
	-21.8	-22	32.7	14.67	32.7	14.67	32.5	14.30	32.5	14.67	32.5	14.86	31.9	14.67
	-19.8	-20	34.5	14.67	34.5	14.67	34.3	14.58	34.3	14.67	34.3	14.73	33.6	14.67
	-18.8	-19	35.3	14.67	35.1	14.67	35.1	14.67	35.1	14.67	35.1	14.67	34.4	14.44
	-16.7	-17	36.8	14.67	36.8	14.67	36.8	14.86	36.6	14.67	36.6	14.20	35.9	13.96
	-13.7	-15	39.4	14.67	39.4	14.67	39.2	14.67	39.2	13.99	39.2	13.53	38.5	13.28
	-11.8	-13	40.7	14.67	40.5	14.67	40.5	14.22	40.5	13.56	40.5	13.10	38.5	12.85
	-9.8	-11	42.1	14.67	42.1	14.16	41.8	13.74	41.8	13.11	41.3	12.66	38.5	12.39
	-9.5	-10	42.3	14.59	42.3	14.09	42.1	13.67	42.1	13.04	41.3	12.59	38.5	12.32
	-8.5	-9.1	43.1	14.33	43.1	13.83	42.9	13.43	42.7	12.81	41.3	12.37	38.5	12.09
	-7.0	-7.6	45.1	13.93	44.9	13.45	44.1	13.07	42.7	12.47	41.3	12.03	38.5	11.75
	-5.0	-5.6	47.0	13.40	46.6	12.94	44.1	12.59	42.7	12.02	41.3	11.58	38.5	11.29
	-3.0	-3.7	48.4	12.87	46.9	12.43	44.1	12.11	42.7	11.57	41.3	11.14	38.5	10.84
	0.0	-0.7	49.7	12.07	46.9	11.67	44.1	11.39	42.7	10.89	41.3	10.46	38.5	10.15
	3.0	2.2	49.7	11.27	46.9	10.91	44.1	10.68	42.7	10.21	41.3	9.79	38.5	9.47
	5.0	4.1	49.7	10.74	46.9	10.40	44.1	10.20	42.7	9.75	41.3	9.34	38.5	9.01
	7.0	6	49.7	10.21	46.9	9.89	44.1	9.72	42.7	9.30	41.3	8.90	38.5	8.56
	9.0	7.9	49.7	9.82	46.9	9.51	44.1	9.35	42.7	8.94	41.3	8.55	38.5	8.23
	11.0	9.8	49.7	9.51	46.9	9.21	44.1	9.05	42.7	8.66	41.3	8.28	38.5	7.97
	13.0	11.8	49.7	9.18	46.9	8.89	44.1	8.73	42.7	8.36	41.3	7.99	38.5	7.69
	15.0	13.7	49.7	8.83	46.9	8.55	44.1	8.40	42.7	8.04	41.3	7.69	38.5	7.39
90	-24.8	-25	26.8	13.09	26.8	13.36	26.6	13.55	26.6	13.64	26.6	13.82	26.1	14.09
	-21.8	-22	32.6	13.36	32.6	13.63	32.4	13.82	32.4	13.91	32.4	14.09	31.7	13.49
	-19.8	-20	34.4	13.54	34.4	13.81	34.2	14.00	34.2	14.09	34.2	13.68	33.5	13.10
	-18.8	-19	35.3	13.63	35.1	13.90	35.0	14.09	35.0	13.88	35.0	13.48	34.3	12.90
	-16.7	-17	36.8	13.82	36.8	14.09	36.6	13.66	36.6	13.44	36.6	13.06	35.1	12.48
	-13.7	-15	39.4	14.09	39.4	13.45	39.1	13.04	39.1	12.82	37.8	12.45	35.1	11.89
	-11.8	-13	40.7	13.65	40.5	13.05	40.3	12.66	39.1	12.42	37.8	12.06	35.1	11.51
	-9.8	-11	42.1	13.19	42.1	12.62	40.4	12.25	39.1	12.01	37.8	11.66	35.1	11.11
	-9.5	-10	42.3	13.12	42.3	12.56	40.4	12.18	39.1	11.94	37.8	11.60	35.1	11.05
	-8.5	-9.1	43.1	12.90	42.8	12.34	40.4	11.98	39.1	11.73	37.8	11.39	35.1	10.86
	-7.0	-7.6	45.1	12.55	42.9	12.03	40.4	11.67	39.1	11.42	37.8	11.09	35.1	10.56
	-5.0	-5.6	45.6	12.09	42.9	11.60	40.4	11.26	39.1	11.00	37.8	10.68	35.1	10.16
	-3.0	-3.7	45.6	11.63	42.9	11.17	40.4	10.85	39.1	10.59	37.8	10.28	35.1	9.76
	0.0	-0.7	45.6	10.94	42.9	10.54	40.4	10.24	39.1	9.96	37.8	9.67	35.1	9.17
	3.0	2.2	45.6	10.25	42.9	9.90	40.4	9.62	39.1	9.34	37.8	9.06	35.1	8.57
	5.0	4.1	45.6	9.79	42.9	9.47	40.4	9.21	39.1	8.92	37.8	8.66	35.1	8.18
	7.0	6	45.6	9.33	42.9	9.05	40.4	8.80	39.1	8.50	37.8	8.25	35.1	7.78
	9.0	7.9	45.6	8.90	42.9	8.62	40.4	8.39	39.1	8.11	37.8	7.87	35.1	7.42
	11.0	9.8	45.6	8.46	42.9	8.20	40.4	7.98	39.1	7.71	37.8	7.48	35.1	7.05
	13.0	11.8	45.6	8.03	42.9	7.78	40.4	7.57	39.1	7.31	37.8	7.10	35.1	6.69
	15.0	13.7	45.6	7.59	42.9	7.36	40.4	7.16	39.1	6.92	37.8	6.71	35.1	6.33
80	-24.8	-25	26.7	11.49	26.7	11.76	26.5	11.95	26.5	12.04	26.5	12.49	26.0	11.97
	-21.8	-22	32.2	11.76	32.2	12.03	32.2	12.22	32.2	12.49	32.2	11.97	31.4	11.47
	-19.8	-20	34.0	11.94	34.0	12.21	34.0	12.49	34.0	12.12	33.7	11.62	31.4	11.13
	-18.8	-19	34.8	12.03	34.8	12.49	34.8	12.31	34.8	11.94	33.7	11.45	31.4	10.96
	-16.7	-17	36.1	12.49	36.1	12.11	36.1	11.92	35.0	11.55	33.7	11.08	31.4	10.61
	-13.7	-15	37.7	11.92	37.0	11.55	36.1	11.36	35.0	11.00	33.7	10.56	31.4	10.11
	-11.8	-13	38.7	11.55	37.5	11.20	36.1	11.00	35.0	10.65	33.7	10.22	31.4	9.79
	-9.8	-11	39.7	11.17	38.1	10.83	36.1	10.63	35.0	10.28	33.7	9.88	31.4	9.45
	-9.5	-10	40.0	11.11	38.3	10.77	36.1	10.57	35.0	10.22	33.7	9.82	31.4	9.40
	-8.5	-9.1	40.4	10.92	38.4	10.59	36.1	10.38	35.0	10.04	33.7	9.65	31.4	9.23
	-7.0	-7.6	40.8	10.63	38.4	10.31	36.1	10.10	35.0	9.76	33.7	9.39	31.4	8.98
	-5.0	-5.6	40.8	10.25	38.4	9.94	36.1	9.73	35.0	9.39	33.7	9.04	31.4	8.64
	-3.0	-3.7	40.8	9.87	38.4	9.57	36.1	9.36	35.0	9.02	33.7	8.69	31.4	8.31
	0.0	-0.7	40.8	9.29	38.4	9.01	36.1	8.80	35.0	8.47	33.7	8.16	31.4	7.81
	3.0	2.2	40.8	8.72	38.4	8.46	36.1	8.24	35.0	7.92	33.7	7.64	31.4	7.30
	5.0	4.1	40.8	8.33	38.4	8.09	36.1	7.86	35.0	7.55	33.7	7.29	31.4	6.97
	7.0	6	40.8	7.95	38.4	7.72	36.1	7.49	35.0	7.18	33.7	6.94	31.4	6.63
	9.0	7.9	40.8	7.46	38.4	7.25	36.1	7.03	35.0	6.74	33.7	6.52	31.4	6.22
	11.0	9.8	40.8	6.93	38.4	6.73	36.1	6.53	35.0	6.26	33.7	6.05	31.4	5.78
	13.0	11.8	40.8	6.47	38.4	6.28	36.1	6.09	35.0	5.84	33.7	5.65	31.4	5.39
	15.0	13.7	40.8	6.09	38.4	5.91	36.1	5.74	35.0	5.50	33.7	5.32	31.4	5.08

7. Capacity Tables

Heating Capacity (14HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	26.7	11.66	26.7	11.75	26.5	11.93	26.5	12.20	26.5	11.63	26.0	11.09
	-21.8	-22	30.9	11.93	30.9	12.02	30.7	12.20	29.7	11.63	28.8	11.09	26.9	10.57
	-19.8	-20	33.8	12.11	32.7	12.20	30.7	11.80	29.7	11.25	28.8	10.74	26.9	10.23
	-18.8	-19	34.6	12.20	32.7	11.99	30.7	11.60	29.7	11.06	28.8	10.56	26.9	10.05
	-16.7	-17	34.6	11.77	32.7	11.56	30.7	11.18	29.7	10.66	28.8	10.18	26.9	9.69
	-13.7	-15	34.6	11.16	32.7	10.94	30.7	10.58	29.7	10.08	28.8	9.65	26.9	9.17
	-11.8	-13	34.6	10.77	32.7	10.54	30.7	10.19	29.7	9.72	28.8	9.31	26.9	8.84
	-9.8	-11	34.6	10.36	32.7	10.13	30.7	9.79	29.7	9.34	28.8	8.95	26.9	8.50
	-9.5	-10	34.6	10.30	32.7	10.07	30.7	9.73	29.7	9.28	28.8	8.89	26.9	8.45
	-8.5	-9.1	34.6	10.09	32.7	9.86	30.7	9.53	29.7	9.09	28.8	8.72	26.9	8.27
	-7.0	-7.6	34.6	9.79	32.7	9.55	30.7	9.23	29.7	8.80	28.8	8.45	26.9	8.01
	-5.0	-5.6	34.6	9.38	32.7	9.13	30.7	8.83	29.7	8.42	28.8	8.09	26.9	7.67
	-3.0	-3.7	34.6	8.97	32.7	8.72	30.7	8.43	29.7	8.04	28.8	7.73	26.9	7.32
	0.0	-0.7	34.6	8.35	32.7	8.10	30.7	7.83	29.7	7.47	28.8	7.20	26.9	6.80
	3.0	2.2	34.6	7.74	32.7	7.47	30.7	7.22	29.7	6.89	28.8	6.66	26.9	6.28
	5.0	4.1	34.6	7.33	32.7	7.06	30.7	6.82	29.7	6.51	28.8	6.30	26.9	5.94
	7.0	6	34.6	6.92	32.7	6.64	30.7	6.42	29.7	6.13	28.8	5.95	26.9	5.59
	9.0	7.9	34.6	6.25	32.7	6.00	30.7	5.80	29.7	5.54	28.8	5.37	26.9	5.05
	11.0	9.8	34.6	5.82	32.7	5.59	30.7	5.40	29.7	5.15	28.8	5.00	26.9	4.70
	13.0	11.8	34.6	5.45	32.7	5.23	30.7	5.05	29.7	4.82	28.8	4.68	26.9	4.40
	15.0	13.7	34.6	5.13	32.7	4.93	30.7	4.76	29.7	4.55	28.8	4.41	26.9	4.15
60	-24.8	-25	26.5	11.48	26.5	11.66	26.3	11.93	25.5	11.32	24.6	10.75	23.0	10.21
	-21.8	-22	28.4	11.75	28.1	11.93	26.3	11.32	25.5	10.75	24.6	10.21	23.0	9.69
	-19.8	-20	29.7	11.93	28.1	11.50	26.3	10.92	25.5	10.37	24.6	9.86	23.0	9.35
	-18.8	-19	29.7	11.72	28.1	11.29	26.3	10.71	25.5	10.18	24.6	9.68	23.0	9.17
	-16.7	-17	29.7	11.26	28.1	10.84	26.3	10.29	25.5	9.78	24.6	9.30	23.0	8.81
	-13.7	-15	29.7	10.61	28.1	10.19	26.3	9.68	25.5	9.21	24.6	8.76	23.0	8.29
	-11.8	-13	29.7	10.20	28.1	9.79	26.3	9.30	25.5	8.85	24.6	8.42	23.0	7.96
	-9.8	-11	29.7	9.77	28.1	9.36	26.3	8.89	25.5	8.47	24.6	8.06	23.0	7.61
	-9.5	-10	29.7	9.71	28.1	9.29	26.3	8.83	25.5	8.41	24.6	8.01	23.0	7.56
	-8.5	-9.1	29.7	9.49	28.1	9.08	26.3	8.63	25.5	8.22	24.6	7.83	23.0	7.39
	-7.0	-7.6	29.7	9.17	28.1	8.76	26.3	8.32	25.5	7.93	24.6	7.56	23.0	7.13
	-5.0	-5.6	29.7	8.73	28.1	8.33	26.3	7.92	25.5	7.55	24.6	7.21	23.0	6.78
	-3.0	-3.7	29.7	8.30	28.1	7.90	26.3	7.51	25.5	7.17	24.6	6.85	23.0	6.43
	0.0	-0.7	29.7	7.65	28.1	7.25	26.3	6.90	25.5	6.60	24.6	6.31	23.0	5.91
	3.0	2.2	29.7	7.00	28.1	6.61	26.3	6.29	25.5	6.03	24.6	5.77	23.0	5.39
	5.0	4.1	29.7	6.57	28.1	6.18	26.3	5.89	25.5	5.65	24.6	5.41	23.0	5.05
	7.0	6	29.7	6.14	28.1	5.75	26.3	5.48	25.5	5.27	24.6	5.06	23.0	4.70
	9.0	7.9	29.7	5.48	28.1	5.13	26.3	4.89	25.5	4.70	24.6	4.51	23.0	4.19
	11.0	9.8	29.7	5.12	28.1	4.79	26.3	4.57	25.5	4.39	24.6	4.21	23.0	3.92
	13.0	11.8	29.7	4.79	28.1	4.49	26.3	4.28	25.5	4.11	24.6	3.95	23.0	3.67
	15.0	13.7	29.7	4.53	28.1	4.24	26.3	4.04	25.5	3.89	24.6	3.73	23.0	3.47
50	-24.8	-25	24.8	10.10	23.4	10.37	21.9	9.83	21.2	9.32	20.5	8.85	19.1	8.40
	-21.8	-22	24.8	10.37	23.4	9.83	21.9	9.32	21.2	8.85	20.5	8.40	19.1	7.97
	-19.8	-20	24.8	10.00	23.4	9.47	21.9	8.99	21.2	8.53	20.5	8.10	19.1	7.68
	-18.8	-19	24.8	9.81	23.4	9.29	21.9	8.82	21.2	8.37	20.5	7.95	19.1	7.54
	-16.7	-17	24.8	9.41	23.4	8.91	21.9	8.46	21.2	8.03	20.5	7.64	19.1	7.24
	-13.7	-15	24.8	8.85	23.4	8.37	21.9	7.96	21.2	7.55	20.5	7.19	19.1	6.81
	-11.8	-13	24.8	8.49	23.4	8.03	21.9	7.64	21.2	7.25	20.5	6.91	19.1	6.53
	-9.8	-11	24.8	8.11	23.4	7.67	21.9	7.30	21.2	6.93	20.5	6.61	19.1	6.25
	-9.5	-10	24.8	8.06	23.4	7.61	21.9	7.25	21.2	6.88	20.5	6.57	19.1	6.20
	-8.5	-9.1	24.8	7.87	23.4	7.43	21.9	7.08	21.2	6.72	20.5	6.42	19.1	6.06
	-7.0	-7.6	24.8	7.59	23.4	7.16	21.9	6.83	21.2	6.48	20.5	6.20	19.1	5.85
	-5.0	-5.6	24.8	7.21	23.4	6.80	21.9	6.49	21.2	6.16	20.5	5.90	19.1	5.56
	-3.0	-3.7	24.8	6.83	23.4	6.44	21.9	6.15	21.2	5.84	20.5	5.60	19.1	5.27
	0.0	-0.7	24.8	6.27	23.4	5.90	21.9	5.65	21.2	5.36	20.5	5.15	19.1	4.84
	3.0	2.2	24.8	5.71	23.4	5.36	21.9	5.14	21.2	4.88	20.5	4.71	19.1	4.41
	5.0	4.1	24.8	5.33	23.4	5.00	21.9	4.80	21.2	4.56	20.5	4.41	19.1	4.12
	7.0	6	24.8	4.95	23.4	4.64	21.9	4.47	21.2	4.24	20.5	4.11	19.1	3.84
	9.0	7.9	24.8	4.47	23.4	4.19	21.9	4.03	21.2	3.83	20.5	3.71	19.1	3.46
	11.0	9.8	24.8	4.19	23.4	3.92	21.9	3.77	21.2	3.59	20.5	3.47	19.1	3.24
	13.0	11.8	24.8	3.93	23.4	3.68	21.9	3.54	21.2	3.37	20.5	3.26	19.1	3.04
	15.0	13.7	24.8	3.72	23.4	3.48	21.9	3.35	21.2	3.19	20.5	3.09	19.1	2.88

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM160LTE5

Heating Capacity (16HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	28.7	14.80	28.7	15.08	28.5	15.32	28.5	15.69	28.5	16.03	28.5	16.59
	-21.8	-22	35.2	15.36	35.2	15.63	35.0	15.87	35.0	16.24	35.0	16.59	35.0	17.14
	-19.8	-20	37.3	15.72	37.3	16.00	37.1	16.24	37.1	16.60	37.1	16.95	37.1	17.50
	-18.8	-19	38.3	15.91	38.3	16.18	38.1	16.42	38.1	16.79	38.1	17.14	38.1	17.69
	-16.7	-17	40.3	16.29	40.3	16.57	40.1	16.81	40.1	17.17	40.1	17.52	40.1	18.07
	-13.7	-15	43.2	16.84	43.2	17.12	42.9	17.36	42.9	17.72	42.9	18.07	42.9	17.46
	-11.8	-13	44.7	17.19	44.7	17.47	44.4	17.71	44.4	18.07	44.4	17.67	44.4	17.08
	-9.8	-11	46.3	17.56	46.3	17.83	46.0	18.07	46.0	17.65	46.0	17.24	46.0	16.67
	-9.5	-10	46.8	17.61	46.8	17.89	46.5	18.01	46.5	17.58	46.2	17.18	46.2	16.61
	-8.5	-9.1	48.7	17.80	48.7	18.07	48.4	17.80	48.4	17.37	47.0	16.96	47.0	16.40
	-7.0	-7.6	51.6	18.07	51.6	17.77	51.2	17.48	51.2	17.05	51.2	16.64	49.4	16.10
	-5.0	-5.6	55.4	17.70	55.4	17.36	55.0	17.05	55.0	16.63	55.0	16.22	51.3	15.69
	-3.0	-3.7	59.2	17.32	59.2	16.96	58.8	16.63	58.8	16.20	58.8	15.79	53.2	15.28
	0.0	-0.7	64.9	16.75	64.9	16.35	64.4	15.99	63.3	15.56	61.1	15.15	56.1	14.67
	3.0	2.2	65.1	16.18	65.1	15.74	64.9	15.35	63.3	14.93	61.1	14.51	56.9	14.06
	5.0	4.1	65.1	15.81	65.1	15.34	64.9	14.92	63.3	14.50	61.1	14.08	56.9	13.65
	7.0	6	65.1	15.43	65.1	14.93	64.9	14.50	63.3	14.07	61.1	13.66	56.9	13.25
	9.0	7.9	65.1	15.12	65.1	14.64	64.9	14.21	63.3	13.80	61.1	13.39	56.9	12.99
	11.0	9.8	65.1	14.96	65.1	14.47	64.9	14.05	63.3	13.64	61.1	13.24	56.9	12.84
	13.0	11.8	65.1	14.77	65.1	14.29	64.9	13.88	63.3	13.48	61.1	13.07	56.9	12.68
	15.0	13.7	65.1	14.57	65.1	14.10	64.9	13.69	63.3	13.29	61.1	12.89	56.9	12.51
120	-24.8	-25	28.5	15.08	28.5	15.32	28.3	15.69	28.3	16.03	28.3	16.59	28.3	16.97
	-21.8	-22	35.0	15.63	35.0	15.87	34.8	16.24	34.8	16.59	34.8	17.14	34.8	17.52
	-19.8	-20	37.1	16.00	37.1	16.24	36.8	16.60	36.8	16.95	36.8	17.50	36.8	17.89
	-18.8	-19	38.0	16.18	38.0	16.42	37.8	16.79	37.8	17.14	37.8	17.69	37.8	18.07
	-16.7	-17	40.0	16.57	40.0	16.81	39.8	17.17	39.8	17.52	39.8	18.07	39.8	17.68
	-13.7	-15	42.9	17.12	42.9	17.36	42.6	17.72	42.6	18.07	42.6	17.49	42.6	17.12
	-11.8	-13	44.4	17.47	44.4	17.71	44.1	18.07	44.1	17.66	44.1	17.12	44.1	16.76
	-9.8	-11	45.9	17.83	45.9	18.07	45.6	17.63	45.6	17.23	45.6	16.74	45.6	16.39
	-9.5	-10	46.5	17.89	46.5	18.00	46.2	17.56	46.2	17.17	46.2	16.68	46.2	16.33
	-8.5	-9.1	48.4	18.07	48.4	17.77	48.1	17.34	48.1	16.95	47.6	16.49	47.6	16.14
	-7.0	-7.6	51.2	17.73	51.2	17.42	50.9	17.00	50.9	16.63	49.0	16.19	49.0	15.86
	-5.0	-5.6	55.0	17.28	55.0	16.95	54.6	16.56	54.6	16.20	54.6	15.81	50.9	15.49
	-3.0	-3.7	58.7	16.82	58.7	16.49	58.4	16.11	58.4	15.77	57.5	15.42	52.8	15.11
	0.0	-0.7	64.4	16.14	63.9	15.79	61.4	15.44	59.4	15.12	57.5	14.84	53.4	14.55
	3.0	2.2	64.6	15.46	63.9	15.09	61.4	14.77	59.4	14.47	57.5	14.26	53.4	13.99
	5.0	4.1	64.6	15.00	63.9	14.62	61.4	14.32	59.4	14.04	57.5	13.87	53.4	13.62
	7.0	6	64.6	14.55	63.9	14.16	61.4	13.88	59.4	13.61	57.5	13.48	53.4	13.24
	9.0	7.9	64.6	14.22	63.9	13.84	61.4	13.56	59.4	13.31	57.5	13.18	53.4	12.94
	11.0	9.8	64.6	14.02	63.9	13.64	61.4	13.37	59.4	13.12	57.5	12.99	53.4	12.76
	13.0	11.8	64.6	13.80	63.9	13.43	61.4	13.16	59.4	12.91	57.5	12.79	53.4	12.56
	15.0	13.7	64.6	13.56	63.9	13.20	61.4	12.94	59.4	12.69	57.5	12.57	53.4	12.35
110	-24.8	-25	28.3	15.32	28.3	15.69	28.2	16.03	28.2	16.59	28.2	16.97	28.2	17.16
	-21.8	-22	34.8	15.87	34.8	16.24	34.6	16.59	34.6	17.14	34.6	17.52	34.6	17.71
	-19.8	-20	36.9	16.24	36.9	16.60	36.6	16.95	36.6	17.50	36.6	17.89	36.6	18.07
	-18.8	-19	37.8	16.42	37.8	16.79	37.6	17.14	37.6	17.69	37.6	18.07	37.6	17.86
	-16.7	-17	39.8	16.81	39.8	17.17	39.6	17.52	39.6	18.07	39.6	17.64	39.6	17.41
	-13.7	-15	42.7	17.36	42.7	17.72	42.4	18.07	42.4	17.42	42.4	17.03	42.4	16.78
	-11.8	-13	44.1	17.71	44.1	18.07	43.9	17.62	43.9	17.01	43.9	16.63	43.9	16.37
	-9.8	-11	45.7	18.07	45.7	17.56	45.4	17.14	45.4	16.58	45.4	16.22	45.4	15.95
	-9.5	-10	46.2	17.99	46.2	17.48	46.0	17.06	46.0	16.51	46.0	16.16	46.0	15.88
	-8.5	-9.1	48.1	17.72	48.1	17.23	47.8	16.82	47.8	16.30	47.5	15.96	47.5	15.67
	-7.0	-7.6	50.9	17.30	50.9	16.84	50.6	16.46	50.6	15.97	49.1	15.65	48.1	15.35
	-5.0	-5.6	54.7	16.75	54.7	16.33	54.3	15.98	53.3	15.54	50.6	15.24	48.1	14.93
	-3.0	-3.7	58.4	16.20	58.4	15.81	55.1	15.50	53.3	15.10	51.5	14.83	48.1	14.50
	0.0	-0.7	62.1	15.37	58.7	15.04	55.1	14.78	53.3	14.45	51.5	14.21	48.1	13.86
	3.0	2.2	62.1	14.55	58.7	14.27	55.1	14.06	53.3	13.80	51.5	13.59	48.1	13.23
	5.0	4.1	62.1	14.00	58.7	13.76	55.1	13.58	53.3	13.37	51.5	13.18	48.1	12.80
	7.0	6	62.1	13.45	58.7	13.24	55.1	13.10	53.3	12.94	51.5	12.77	48.1	12.38
	9.0	7.9	62.1	13.08	58.7	12.89	55.1	12.74	53.3	12.59	51.5	12.43	48.1	12.04
	11.0	9.8	62.1	12.83	58.7	12.64	55.1	12.50	53.3	12.35	51.5	12.19	48.1	11.81
	13.0	11.8	62.1	12.56	58.7	12.38	55.1	12.24	53.3	12.09	51.5	11.93	48.1	11.56
	15.0	13.7	62.1	12.27	58.7	12.09	55.1	11.95	53.3	11.81	51.5	11.66	48.1	11.30

7. Capacity Tables

Heating Capacity (16HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	28.2	16.89	28.2	17.04	28.0	16.61	28.0	17.43	28.0	17.60	28.0	17.68
	-21.8	-22	34.6	17.12	34.6	17.28	34.4	17.14	34.4	17.67	34.4	18.06	34.4	17.92
	-19.8	-20	36.7	17.28	36.7	17.44	36.5	17.49	36.5	17.83	36.5	18.07	36.5	18.07
	-18.8	-19	37.7	17.36	37.4	17.52	37.4	17.67	37.4	17.91	37.4	18.07	37.4	17.81
	-16.7	-17	39.4	17.53	39.4	17.69	39.4	18.06	39.2	18.07	39.2	17.53	39.2	17.24
	-13.7	-15	42.5	17.76	42.5	17.92	42.2	18.07	42.2	17.29	42.2	16.74	42.2	16.44
	-11.8	-13	43.9	17.92	43.7	18.07	43.7	17.55	43.7	16.79	43.7	16.25	43.7	15.93
	-9.8	-11	45.4	18.07	45.4	17.49	45.2	17.00	45.2	16.26	45.2	15.73	43.9	15.40
	-9.5	-10	46.0	17.98	46.0	17.41	45.8	16.92	45.8	16.18	45.8	15.65	43.9	15.32
	-8.5	-9.1	47.8	17.68	47.8	17.11	47.6	16.65	48.8	15.92	47.2	15.39	43.9	15.05
	-7.0	-7.6	51.5	17.23	51.3	16.68	50.4	16.23	48.8	15.53	47.2	14.99	43.9	14.65
	-5.0	-5.6	53.8	16.63	53.2	16.10	50.4	15.68	48.8	15.00	47.2	14.47	43.9	14.12
	-3.0	-3.7	55.3	16.03	53.6	15.52	50.4	15.14	48.8	14.48	47.2	13.95	43.9	13.58
	0.0	-0.7	56.9	15.12	53.6	14.64	50.4	14.31	48.8	13.69	47.2	13.17	43.9	12.78
	3.0	2.2	56.9	14.22	53.6	13.77	50.4	13.49	48.8	12.90	47.2	12.38	43.9	11.98
	5.0	4.1	56.9	13.62	53.6	13.19	50.4	12.94	48.8	12.38	47.2	11.86	43.9	11.44
	7.0	6	56.9	13.02	53.6	12.61	50.4	12.39	48.8	11.85	47.2	11.34	43.9	10.91
	9.0	7.9	56.9	12.54	53.6	12.15	50.4	11.94	48.8	11.42	47.2	10.93	43.9	10.51
	11.0	9.8	56.9	12.17	53.6	11.79	50.4	11.59	48.8	11.09	47.2	10.61	43.9	10.20
	13.0	11.8	56.9	11.78	53.6	11.41	50.4	11.21	48.8	10.73	47.2	10.26	43.9	9.87
	15.0	13.7	56.9	11.37	53.6	11.01	50.4	10.82	48.8	10.35	47.2	9.90	43.9	9.52
90	-24.8	-25	28.1	15.08	28.1	15.63	27.9	16.02	27.9	16.20	27.9	16.57	27.9	17.12
	-21.8	-22	34.5	15.63	34.5	16.18	34.3	16.57	34.3	16.75	34.3	17.12	34.3	16.44
	-19.8	-20	36.6	16.00	36.6	16.55	36.3	16.93	36.3	17.12	36.3	16.66	36.3	15.99
	-18.8	-19	37.7	16.18	37.4	16.73	37.3	17.12	37.3	16.88	37.3	16.43	37.3	15.76
	-16.7	-17	39.4	16.57	39.4	17.12	39.2	16.64	39.2	16.39	39.2	15.95	39.2	15.28
	-13.7	-15	42.5	17.12	42.5	16.41	42.1	15.95	42.1	15.69	42.1	15.26	40.2	14.60
	-11.8	-13	43.9	16.64	43.7	15.96	43.5	15.52	43.5	15.24	43.2	14.83	40.2	14.17
	-9.8	-11	45.4	16.13	45.4	15.49	45.0	15.06	44.7	14.77	43.2	14.37	40.2	13.72
	-9.5	-10	46.0	16.06	46.0	15.42	45.6	14.99	44.7	14.70	43.2	14.30	40.2	13.65
	-8.5	-9.1	47.8	15.81	47.5	15.18	46.1	14.76	44.7	14.47	43.2	14.07	40.2	13.43
	-7.0	-7.6	51.5	15.43	49.0	14.83	46.1	14.42	44.7	14.12	43.2	13.73	40.2	13.09
	-5.0	-5.6	52.1	14.92	49.0	14.36	46.1	13.96	44.7	13.65	43.2	13.27	40.2	12.63
	-3.0	-3.7	52.1	14.42	49.0	13.89	46.1	13.51	44.7	13.18	43.2	12.81	40.2	12.18
	0.0	-0.7	52.1	13.66	49.0	13.18	46.1	12.82	44.7	12.48	43.2	12.12	40.2	11.50
	3.0	2.2	52.1	12.91	49.0	12.47	46.1	12.14	44.7	11.78	43.2	11.43	40.2	10.82
	5.0	4.1	52.1	12.40	49.0	12.00	46.1	11.68	44.7	11.31	43.2	10.97	40.2	10.37
	7.0	6	52.1	11.90	49.0	11.53	46.1	11.22	44.7	10.84	43.2	10.52	40.2	9.92
	9.0	7.9	52.1	11.41	49.0	11.06	46.1	10.76	44.7	10.40	43.2	10.09	40.2	9.51
	11.0	9.8	52.1	10.93	49.0	10.59	46.1	10.31	44.7	9.96	43.2	9.66	40.2	9.11
	13.0	11.8	52.1	10.44	49.0	10.12	46.1	9.85	44.7	9.51	43.2	9.23	40.2	8.70
	15.0	13.7	52.1	9.96	49.0	9.65	46.1	9.39	44.7	9.07	43.2	8.80	40.2	8.30
80	-24.8	-25	28.0	13.14	28.0	13.69	27.8	14.08	27.8	14.26	27.8	15.18	27.8	14.58
	-21.8	-22	34.1	13.69	34.1	14.24	34.1	14.63	34.1	15.18	34.1	14.58	34.1	14.00
	-19.8	-20	36.2	14.06	36.2	14.61	36.2	15.18	36.2	14.76	36.2	14.18	35.9	13.62
	-18.8	-19	37.1	14.24	37.1	15.18	37.1	14.97	37.1	14.55	37.1	13.98	35.9	13.42
	-16.7	-17	39.2	15.18	39.2	14.74	39.2	14.53	39.2	14.11	38.6	13.57	35.9	13.02
	-13.7	-15	43.1	14.54	42.3	14.12	41.3	13.90	40.0	13.48	38.6	12.97	35.9	12.44
	-11.8	-13	44.2	14.14	42.9	13.73	41.3	13.50	40.0	13.09	38.6	12.59	35.9	12.08
	-9.8	-11	45.0	13.71	43.3	13.32	41.3	13.08	40.0	12.67	38.6	12.19	35.9	11.69
	-9.5	-10	45.3	13.65	43.6	13.25	41.3	13.01	40.0	12.60	38.6	12.13	35.9	11.63
	-8.5	-9.1	45.9	13.43	43.9	13.05	41.3	12.80	40.0	12.40	38.6	11.93	35.9	11.44
	-7.0	-7.6	46.6	13.11	43.9	12.74	41.3	12.49	40.0	12.08	38.6	11.64	35.9	11.15
	-5.0	-5.6	46.6	12.69	43.9	12.32	41.3	12.07	40.0	11.66	38.6	11.24	35.9	10.76
	-3.0	-3.7	46.6	12.26	43.9	11.91	41.3	11.65	40.0	11.24	38.6	10.84	35.9	10.38
	0.0	-0.7	46.6	11.62	43.9	11.29	41.3	11.02	40.0	10.62	38.6	10.24	35.9	9.80
	3.0	2.2	46.6	10.98	43.9	10.67	41.3	10.39	40.0	9.99	38.6	9.65	35.9	9.22
	5.0	4.1	46.6	10.56	43.9	10.25	41.3	9.97	40.0	9.57	38.6	9.25	35.9	8.84
	7.0	6	46.6	10.13	43.9	9.84	41.3	9.55	40.0	9.15	38.6	8.85	35.9	8.45
	9.0	7.9	46.6	9.51	43.9	9.24	41.3	8.97	40.0	8.59	38.6	8.31	35.9	7.93
	11.0	9.8	46.6	8.83	43.9	8.57	41.3	8.32	40.0	7.97	38.6	7.71	35.9	7.36
	13.0	11.8	46.6	8.24	43.9	8.00	41.3	7.77	40.0	7.44	38.6	7.20	35.9	6.87
	15.0	13.7	46.6	7.76	43.9	7.53	41.3	7.31	40.0	7.01	38.6	6.78	35.9	6.47

7. Capacity Tables

Heating Capacity (16HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	28.0	13.53	28.0	13.71	27.8	14.08	27.8	14.63	27.8	13.98	27.8	13.38
	-21.8	-22	34.1	14.08	34.4	14.26	34.1	14.63	33.9	13.98	32.9	13.38	30.7	12.79
	-19.8	-20	36.2	14.44	36.2	14.63	35.1	14.18	33.9	13.56	32.9	12.98	30.7	12.40
	-18.8	-19	37.1	14.63	37.1	14.40	35.1	13.96	33.9	13.34	32.9	12.78	30.7	12.20
	-16.7	-17	39.2	14.16	37.3	13.92	35.1	13.49	33.9	12.89	32.9	12.35	30.7	11.79
	-13.7	-15	39.5	13.48	37.3	13.23	35.1	12.82	33.9	12.25	32.9	11.75	30.7	11.20
	-11.8	-13	39.5	13.05	37.3	12.79	35.1	12.39	33.9	11.84	32.9	11.37	30.7	10.82
	-9.8	-11	39.5	12.60	37.3	12.33	35.1	11.94	33.9	11.41	32.9	10.96	30.7	10.43
	-9.5	-10	39.5	12.54	37.3	12.26	35.1	11.88	33.9	11.35	32.9	10.90	30.7	10.37
	-8.5	-9.1	39.5	12.31	37.3	12.03	35.1	11.65	33.9	11.14	32.9	10.70	30.7	10.17
	-7.0	-7.6	39.5	11.97	37.3	11.69	35.1	11.32	33.9	10.81	32.9	10.40	30.7	9.88
	-5.0	-5.6	39.5	11.52	37.3	11.23	35.1	10.87	33.9	10.39	32.9	10.00	30.7	9.49
	-3.0	-3.7	39.5	11.07	37.3	10.77	35.1	10.42	33.9	9.96	32.9	9.59	30.7	9.09
	0.0	-0.7	39.5	10.40	37.3	10.08	35.1	9.75	33.9	9.31	32.9	8.99	30.7	8.50
	3.0	2.2	39.5	9.72	37.3	9.39	35.1	9.08	33.9	8.67	32.9	8.38	30.7	7.91
	5.0	4.1	39.5	9.27	37.3	8.93	35.1	8.63	33.9	8.24	32.9	7.98	30.7	7.52
	7.0	6	39.5	8.82	37.3	8.47	35.1	8.19	33.9	7.81	32.9	7.58	30.7	7.13
	9.0	7.9	39.5	7.97	37.3	7.65	35.1	7.39	33.9	7.06	32.9	6.84	30.7	6.43
	11.0	9.8	39.5	7.42	37.3	7.12	35.1	6.88	33.9	6.57	32.9	6.37	30.7	5.99
	13.0	11.8	39.5	6.94	37.3	6.66	35.1	6.44	33.9	6.15	32.9	5.96	30.7	5.61
	15.0	13.7	39.5	6.54	37.3	6.28	35.1	6.07	33.9	5.80	32.9	5.62	30.7	5.28
60	-24.8	-25	28.0	13.16	28.0	13.53	27.8	14.08	27.8	13.41	27.8	12.78	26.3	12.18
	-21.8	-22	31.5	13.71	32.1	14.08	30.1	13.41	29.1	12.78	28.1	12.18	26.3	11.60
	-19.8	-20	33.9	14.08	32.1	13.61	30.1	12.96	29.1	12.36	28.1	11.78	26.3	11.21
	-18.8	-19	33.9	13.84	32.1	13.37	30.1	12.74	29.1	12.15	28.1	11.58	26.3	11.01
	-16.7	-17	33.9	13.35	32.1	12.88	30.1	12.27	29.1	11.70	28.1	11.16	26.3	10.60
	-13.7	-15	33.9	12.65	32.1	12.18	30.1	11.60	29.1	11.07	28.1	10.57	26.3	10.02
	-11.8	-13	33.9	12.21	32.1	11.73	30.1	11.18	29.1	10.67	28.1	10.19	26.3	9.65
	-9.8	-11	33.9	11.74	32.1	11.27	30.1	10.73	29.1	10.25	28.1	9.79	26.3	9.26
	-9.5	-10	33.9	11.67	32.1	11.20	30.1	10.67	29.1	10.19	28.1	9.73	26.3	9.20
	-8.5	-9.1	33.9	11.44	32.1	10.96	30.1	10.44	29.1	9.98	28.1	9.53	26.3	9.01
	-7.0	-7.6	33.9	11.09	32.1	10.61	30.1	10.11	29.1	9.66	28.1	9.23	26.3	8.72
	-5.0	-5.6	33.9	10.63	32.1	10.14	30.1	9.66	29.1	9.24	28.1	8.83	26.3	8.33
	-3.0	-3.7	33.9	10.16	32.1	9.67	30.1	9.22	29.1	8.82	28.1	8.44	26.3	7.94
	0.0	-0.7	33.9	9.46	32.1	8.97	30.1	8.55	29.1	8.19	28.1	7.84	26.3	7.35
	3.0	2.2	33.9	8.76	32.1	8.27	30.1	7.88	29.1	7.56	28.1	7.24	26.3	6.77
	5.0	4.1	33.9	8.29	32.1	7.80	30.1	7.44	29.1	7.14	28.1	6.84	26.3	6.38
	7.0	6	33.9	7.83	32.1	7.33	30.1	6.99	29.1	6.72	28.1	6.44	26.3	5.99
	9.0	7.9	33.9	6.98	32.1	6.54	30.1	6.24	29.1	5.99	28.1	5.75	26.3	5.35
	11.0	9.8	33.9	6.52	32.1	6.11	30.1	5.82	29.1	5.60	28.1	5.37	26.3	4.99
	13.0	11.8	33.9	6.11	32.1	5.72	30.1	5.46	29.1	5.24	28.1	5.03	26.3	4.68
	15.0	13.7	33.9	5.77	32.1	5.41	30.1	5.16	29.1	4.95	28.1	4.75	26.3	4.42
50	-24.8	-25	28.3	12.05	26.7	12.60	25.1	11.97	24.3	11.38	23.5	10.81	21.9	10.29
	-21.8	-22	28.3	12.60	26.7	11.97	25.1	11.38	24.3	10.81	23.5	10.29	21.9	9.78
	-19.8	-20	28.3	12.16	26.7	11.55	25.1	10.98	24.3	10.44	23.5	9.94	21.9	9.44
	-18.8	-19	28.3	11.95	26.7	11.34	25.1	10.79	24.3	10.25	23.5	9.76	21.9	9.27
	-16.7	-17	28.3	11.49	26.7	10.90	25.1	10.37	24.3	9.86	23.5	9.40	21.9	8.91
	-13.7	-15	28.3	10.83	26.7	10.27	25.1	9.78	24.3	9.29	23.5	8.87	21.9	8.40
	-11.8	-13	28.3	10.42	26.7	9.87	25.1	9.40	24.3	8.94	23.5	8.54	21.9	8.08
	-9.8	-11	28.3	9.98	26.7	9.45	25.1	9.01	24.3	8.56	23.5	8.19	21.9	7.74
	-9.5	-10	28.3	9.92	26.7	9.38	25.1	8.95	24.3	8.51	23.5	8.13	21.9	7.69
	-8.5	-9.1	28.3	9.70	26.7	9.17	25.1	8.75	24.3	8.32	23.5	7.96	21.9	7.52
	-7.0	-7.6	28.3	9.37	26.7	8.86	25.1	8.46	24.3	8.04	23.5	7.70	21.9	7.27
	-5.0	-5.6	28.3	8.93	26.7	8.44	25.1	8.06	24.3	7.66	23.5	7.34	21.9	6.93
	-3.0	-3.7	28.3	8.50	26.7	8.02	25.1	7.67	24.3	7.29	23.5	6.99	21.9	6.59
	0.0	-0.7	28.3	7.84	26.7	7.38	25.1	7.08	24.3	6.72	23.5	6.47	21.9	6.08
	3.0	2.2	28.3	7.19	26.7	6.75	25.1	6.48	24.3	6.16	23.5	5.94	21.9	5.57
	5.0	4.1	28.3	6.75	26.7	6.33	25.1	6.09	24.3	5.78	23.5	5.59	21.9	5.23
	7.0	6	28.3	6.31	26.7	5.91	25.1	5.69	24.3	5.41	23.5	5.24	21.9	4.89
	9.0	7.9	28.3	5.70	26.7	5.34	25.1	5.14	24.3	4.88	23.5	4.73	21.9	4.42
	11.0	9.8	28.3	5.33	26.7	5.00	25.1	4.81	24.3	4.57	23.5	4.43	21.9	4.13
	13.0	11.8	28.3	5.01	26.7	4.69	25.1	4.52	24.3	4.29	23.5	4.16	21.9	3.88
	15.0	13.7	28.3	4.74	26.7	4.44	25.1	4.27	24.3	4.06	23.5	3.93	21.9	3.67

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM180LTE5

Heating Capacity (18HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	37.3	17.62	37.3	17.73	37.0	17.83	37.0	17.98	37.0	18.13	36.3	18.36
	-21.8	-22	44.2	17.85	44.2	17.96	43.9	18.06	43.9	18.21	43.9	18.36	43.1	18.59
	-19.8	-20	46.1	18.00	46.1	18.11	45.8	18.21	45.8	18.37	45.8	18.51	44.9	18.74
	-18.8	-19	47.0	18.07	47.0	18.19	46.7	18.29	46.7	18.44	46.7	18.59	45.8	18.82
	-16.7	-17	48.9	18.24	48.9	18.35	48.5	18.45	48.5	18.60	48.5	18.75	47.6	18.98
	-13.7	-15	51.6	18.46	51.6	18.58	51.2	18.68	51.2	18.83	51.2	18.98	50.3	18.19
	-11.8	-13	53.2	18.61	53.2	18.72	52.9	18.82	52.9	18.98	52.9	18.44	51.9	17.69
	-9.8	-11	55.0	18.76	55.0	18.88	54.7	18.98	54.7	18.40	54.7	17.88	53.7	17.17
	-9.5	-10	55.3	18.79	55.3	18.90	55.0	18.89	55.0	18.31	54.9	17.80	54.0	17.09
	-8.5	-9.1	56.4	18.86	56.4	18.98	56.1	18.59	56.1	18.03	55.8	17.52	54.8	16.83
	-7.0	-7.6	58.0	18.98	58.0	18.53	57.7	18.14	57.7	17.59	57.7	17.09	56.2	16.43
	-5.0	-5.6	60.2	18.39	60.2	17.94	59.8	17.55	59.8	17.02	59.8	16.53	57.9	15.91
	-3.0	-3.7	62.3	17.80	62.3	17.35	61.9	16.95	61.9	16.44	61.9	15.97	59.7	15.39
	0.0	-0.7	65.5	16.92	65.5	16.46	65.1	16.06	65.1	15.58	65.1	15.13	62.3	14.60
	3.0	2.2	68.8	16.04	68.8	15.57	68.3	15.16	68.3	14.71	68.3	14.28	64.0	13.81
	5.0	4.1	70.9	15.45	70.9	14.98	70.5	14.57	70.5	14.14	68.8	13.72	64.0	13.29
	7.0	6	73.1	14.87	73.1	14.39	72.6	13.97	71.2	13.56	68.8	13.16	64.0	12.77
	9.0	7.9	73.3	14.38	73.3	13.91	73.1	13.51	71.2	13.11	68.8	12.72	64.0	12.34
	11.0	9.8	73.3	14.01	73.3	13.55	73.1	13.16	71.2	12.78	68.8	12.40	64.0	12.03
	13.0	11.8	73.3	13.61	73.3	13.17	73.1	12.79	71.2	12.42	68.8	12.05	64.0	11.69
	15.0	13.7	73.3	13.19	73.3	12.77	73.1	12.40	71.2	12.04	68.8	11.68	64.0	11.33
120	-24.8	-25	37.0	17.73	37.0	17.83	36.8	17.98	36.8	18.13	36.8	18.36	36.1	18.52
	-21.8	-22	43.9	17.96	43.9	18.06	43.6	18.21	43.6	18.36	43.6	18.59	42.8	18.75
	-19.8	-20	45.7	18.11	45.7	18.21	45.4	18.37	45.4	18.51	45.4	18.74	44.6	18.90
	-18.8	-19	46.6	18.19	46.6	18.29	46.3	18.44	46.3	18.59	46.3	18.82	45.5	18.98
	-16.7	-17	48.5	18.35	48.5	18.45	48.2	18.60	48.2	18.75	48.2	18.98	47.3	18.47
	-13.7	-15	51.2	18.58	51.2	18.68	50.9	18.83	50.9	18.98	50.9	18.22	49.9	17.75
	-11.8	-13	52.9	18.72	52.9	18.82	52.5	18.98	52.5	18.44	52.5	17.74	51.6	17.29
	-9.8	-11	54.6	18.88	54.6	18.98	54.3	18.38	54.3	17.87	54.3	17.23	53.3	16.81
	-9.5	-10	54.9	18.90	54.9	18.88	54.6	18.29	54.6	17.79	54.6	17.16	53.6	16.74
	-8.5	-9.1	56.0	18.98	56.0	18.56	55.7	17.99	55.7	17.50	55.5	16.91	54.5	16.50
	-7.0	-7.6	57.6	18.50	57.6	18.09	57.2	17.55	57.2	17.08	56.8	16.53	55.8	16.13
	-5.0	-5.6	59.7	17.86	59.7	17.45	59.4	16.95	59.4	16.51	59.4	16.02	57.5	15.65
	-3.0	-3.7	61.9	17.22	61.9	16.82	61.5	16.35	61.5	15.95	61.5	15.52	59.3	15.17
	0.0	-0.7	65.1	16.26	65.1	15.86	64.7	15.46	64.7	15.10	64.7	14.76	60.1	14.45
	3.0	2.2	68.3	15.30	68.3	14.91	67.8	14.57	66.8	14.25	64.7	14.00	60.1	13.72
	5.0	4.1	70.4	14.66	70.4	14.28	69.1	13.97	66.8	13.68	64.7	13.50	60.1	13.24
	7.0	6	72.5	14.02	71.9	13.64	69.1	13.37	66.8	13.12	64.7	12.99	60.1	12.76
	9.0	7.9	72.7	13.53	71.9	13.16	69.1	12.90	66.8	12.66	64.7	12.54	60.1	12.31
	11.0	9.8	72.7	13.15	71.9	12.80	69.1	12.55	66.8	12.31	64.7	12.19	60.1	11.97
	13.0	11.8	72.7	12.75	71.9	12.41	69.1	12.16	66.8	11.93	64.7	11.82	60.1	11.61
	15.0	13.7	72.7	12.33	71.9	11.99	69.1	11.76	66.8	11.53	64.7	11.42	60.1	11.22
110	-24.8	-25	36.8	17.83	36.8	17.98	36.6	18.13	36.6	18.36	36.6	18.52	35.9	18.59
	-21.8	-22	43.7	18.06	43.7	18.21	43.4	18.36	43.4	18.59	43.4	18.75	42.6	18.82
	-19.8	-20	45.5	18.21	45.5	18.37	45.2	18.51	45.2	18.74	45.2	18.90	44.3	18.98
	-18.8	-19	46.4	18.29	46.4	18.44	46.1	18.59	46.1	18.82	46.1	18.98	45.2	18.71
	-16.7	-17	48.2	18.45	48.2	18.60	47.9	18.75	47.9	18.98	47.9	18.43	47.0	18.16
	-13.7	-15	50.9	18.68	50.9	18.83	50.6	18.98	50.6	18.15	50.6	17.66	50.6	17.37
	-11.8	-13	52.6	18.82	52.6	18.98	52.2	18.39	52.2	17.63	52.2	17.17	52.2	16.87
	-9.8	-11	54.3	18.98	54.3	18.32	54.0	17.78	54.0	17.08	54.0	16.65	53.3	16.35
	-9.5	-10	54.6	18.87	54.6	18.22	54.3	17.69	54.3	17.00	54.3	16.57	54.1	16.27
	-8.5	-9.1	55.7	18.51	55.7	17.89	55.4	17.38	55.4	16.72	55.4	16.31	54.1	16.00
	-7.0	-7.6	57.3	17.97	57.3	17.39	56.9	16.92	56.9	16.31	56.9	15.93	54.1	15.61
	-5.0	-5.6	59.4	17.26	59.4	16.73	59.0	16.31	59.0	15.76	57.9	15.41	54.1	15.08
	-3.0	-3.7	61.5	16.54	61.5	16.07	61.2	15.69	60.0	15.21	57.9	14.89	54.1	14.56
	0.0	-0.7	64.7	15.47	64.7	15.08	62.0	14.77	60.0	14.39	57.9	14.12	54.1	13.77
	3.0	2.2	67.9	14.39	66.1	14.09	62.0	13.85	60.0	13.57	57.9	13.34	54.1	12.98
	5.0	4.1	69.9	13.68	66.1	13.42	62.0	13.23	60.0	13.02	57.9	12.82	54.1	12.45
	7.0	6	69.9	12.96	66.1	12.76	62.0	12.62	60.0	12.47	57.9	12.31	54.1	11.93
	9.0	7.9	69.9	12.45	66.1	12.26	62.0	12.13	60.0	11.98	57.9	11.83	54.1	11.46
	11.0	9.8	69.9	12.05	66.1	11.87	62.0	11.73	60.0	11.59	57.9	11.44	54.1	11.09
	13.0	11.8	69.9	11.62	66.1	11.45	62.0	11.32	60.0	11.18	57.9	11.04	54.1	10.70
	15.0	13.7	69.9	11.17	66.1	11.00	62.0	10.88	60.0	10.74	57.9	10.61	54.1	10.28

7. Capacity Tables

Heating Capacity (18HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	36.6	18.53	36.6	18.59	36.4	17.83	36.4	18.73	36.4	18.80	35.7	18.83
	-21.8	-22	43.5	18.62	43.5	18.68	43.2	18.40	43.2	18.82	43.2	18.98	42.4	18.92
	-19.8	-20	45.3	18.68	45.3	18.74	45.0	18.75	45.0	18.88	45.0	18.98	44.2	18.98
	-18.8	-19	46.2	18.71	45.9	18.77	45.9	18.82	45.9	18.91	45.9	18.98	45.0	18.66
	-16.7	-17	47.7	18.77	47.7	18.83	47.7	18.98	47.5	18.98	47.5	18.32	46.6	18.00
	-13.7	-15	50.7	18.86	50.7	18.92	50.4	18.98	50.4	18.02	50.4	17.39	49.4	17.05
	-11.8	-13	52.3	18.92	52.0	18.98	52.0	18.33	52.0	17.41	52.0	16.79	49.4	16.45
	-9.8	-11	54.0	18.98	54.0	18.25	53.8	17.65	53.8	16.78	53.1	16.17	49.4	15.82
	-9.5	-10	54.3	18.86	54.3	18.14	54.1	17.55	54.1	16.68	53.1	16.08	49.4	15.72
	-8.5	-9.1	55.4	18.48	55.4	17.78	55.1	17.21	54.9	16.36	53.1	15.76	49.4	15.41
	-7.0	-7.6	57.9	17.90	57.7	17.23	56.7	16.70	54.9	15.89	53.1	15.30	49.4	14.93
	-5.0	-5.6	60.5	17.14	59.9	16.51	56.7	16.02	54.9	15.25	53.1	14.67	49.4	14.30
	-3.0	-3.7	62.2	16.37	60.3	15.78	56.7	15.34	54.9	14.61	53.1	14.05	49.4	13.67
	0.0	-0.7	64.0	15.23	60.3	14.69	56.7	14.32	54.9	13.65	53.1	13.11	49.4	12.72
	3.0	2.2	64.0	14.08	60.3	13.60	56.7	13.30	54.9	12.70	53.1	12.18	49.4	11.77
	5.0	4.1	64.0	13.31	60.3	12.88	56.7	12.62	54.9	12.06	53.1	11.55	49.4	11.14
	7.0	6	64.0	12.55	60.3	12.15	56.7	11.94	54.9	11.42	53.1	10.93	49.4	10.51
	9.0	7.9	64.0	11.84	60.3	11.47	56.7	11.27	54.9	10.78	53.1	10.32	49.4	9.92
	11.0	9.8	64.0	11.23	60.3	10.88	56.7	10.69	54.9	10.23	53.1	9.78	49.4	9.41
	13.0	11.8	64.0	10.59	60.3	10.25	56.7	10.07	54.9	9.64	53.1	9.22	49.4	8.87
	15.0	13.7	64.0	9.91	60.3	9.60	56.7	9.43	54.9	9.02	53.1	8.63	49.4	8.30
90	-24.8	-25	36.5	17.15	36.5	17.38	36.3	17.54	36.3	17.62	36.3	17.77	35.6	18.00
	-21.8	-22	43.3	17.38	43.3	17.61	43.0	17.77	43.0	17.85	43.0	18.00	42.2	17.20
	-19.8	-20	45.1	17.53	45.1	17.76	44.8	17.92	44.8	18.00	44.8	17.45	44.0	16.67
	-18.8	-19	46.2	17.61	45.9	17.84	45.7	18.00	45.7	17.72	45.7	17.18	44.8	16.41
	-16.7	-17	47.7	17.77	47.7	18.00	47.5	17.41	47.5	17.12	47.5	16.61	45.2	15.85
	-13.7	-15	50.7	18.00	50.7	17.13	50.2	16.58	50.2	16.28	48.7	15.79	45.2	15.05
	-11.8	-13	52.3	17.40	52.0	16.57	51.8	16.05	50.3	15.74	48.7	15.27	45.2	14.55
	-9.8	-11	54.0	16.77	54.0	15.99	51.9	15.49	50.3	15.18	48.7	14.72	45.2	14.02
	-9.5	-10	54.3	16.67	54.3	15.91	51.9	15.41	50.3	15.10	48.7	14.64	45.2	13.94
	-8.5	-9.1	55.4	16.36	55.0	15.62	51.9	15.13	50.3	14.81	48.7	14.37	45.2	13.67
	-7.0	-7.6	57.9	15.88	55.1	15.18	51.9	14.71	50.3	14.39	48.7	13.96	45.2	13.27
	-5.0	-5.6	58.6	15.25	55.1	14.60	51.9	14.16	50.3	13.83	48.7	13.41	45.2	12.74
	-3.0	-3.7	58.6	14.62	55.1	14.02	51.9	13.60	50.3	13.26	48.7	12.86	45.2	12.21
	0.0	-0.7	58.6	13.67	55.1	13.15	51.9	12.76	50.3	12.42	48.7	12.05	45.2	11.41
	3.0	2.2	58.6	12.73	55.1	12.27	51.9	11.93	50.3	11.57	48.7	11.23	45.2	10.62
	5.0	4.1	58.6	12.10	55.1	11.69	51.9	11.37	50.3	11.01	48.7	10.68	45.2	10.09
	7.0	6	58.6	11.46	55.1	11.11	51.9	10.81	50.3	10.44	48.7	10.13	45.2	9.56
	9.0	7.9	58.6	10.87	55.1	10.54	51.9	10.26	50.3	9.91	48.7	9.61	45.2	9.06
	11.0	9.8	58.6	10.28	55.1	9.97	51.9	9.70	50.3	9.37	48.7	9.09	45.2	8.57
	13.0	11.8	58.6	9.69	55.1	9.39	51.9	9.14	50.3	8.83	48.7	8.57	45.2	8.08
	15.0	13.7	58.6	9.10	55.1	8.82	51.9	8.59	50.3	8.29	48.7	8.05	45.2	7.59
80	-24.8	-25	36.3	15.11	36.3	15.34	36.1	15.50	36.1	15.58	36.1	15.96	35.4	15.26
	-21.8	-22	42.9	15.34	42.9	15.57	42.9	15.73	42.9	15.96	42.9	15.26	40.4	14.59
	-19.8	-20	44.6	15.49	44.6	15.72	44.6	15.96	44.6	15.46	43.4	14.79	40.4	14.14
	-18.8	-19	45.5	15.57	45.5	15.96	45.5	15.71	45.0	15.22	43.4	14.56	40.4	13.92
	-16.7	-17	46.4	15.96	46.4	15.43	46.4	15.18	45.0	14.70	43.4	14.07	40.4	13.45
	-13.7	-15	48.5	15.18	47.6	14.68	46.4	14.42	45.0	13.95	43.4	13.37	40.4	12.78
	-11.8	-13	50.1	14.68	48.6	14.20	46.4	13.94	45.0	13.48	43.4	12.92	40.4	12.35
	-9.8	-11	51.4	14.16	49.1	13.70	46.4	13.44	45.0	12.98	43.4	12.45	40.4	11.90
	-9.5	-10	51.7	14.08	49.4	13.62	46.4	13.36	45.0	12.91	43.4	12.38	40.4	11.84
	-8.5	-9.1	52.1	13.82	49.4	13.37	46.4	13.11	45.0	12.66	43.4	12.15	40.4	11.61
	-7.0	-7.6	52.4	13.42	49.4	13.00	46.4	12.73	45.0	12.29	43.4	11.80	40.4	11.28
	-5.0	-5.6	52.4	12.90	49.4	12.49	46.4	12.23	45.0	11.79	43.4	11.33	40.4	10.83
	-3.0	-3.7	52.4	12.38	49.4	11.99	46.4	11.72	45.0	11.30	43.4	10.87	40.4	10.38
	0.0	-0.7	52.4	11.59	49.4	11.24	46.4	10.97	45.0	10.55	43.4	10.16	40.4	9.71
	3.0	2.2	52.4	10.81	49.4	10.49	46.4	10.21	45.0	9.81	43.4	9.46	40.4	9.04
	5.0	4.1	52.4	10.29	49.4	9.98	46.4	9.71	45.0	9.31	43.4	9.00	40.4	8.59
	7.0	6	52.4	9.76	49.4	9.48	46.4	9.20	45.0	8.82	43.4	8.53	40.4	8.14
	9.0	7.9	52.4	9.17	49.4	8.90	46.4	8.64	45.0	8.28	43.4	8.01	40.4	7.65
	11.0	9.8	52.4	8.51	49.4	8.26	46.4	8.02	45.0	7.68	43.4	7.43	40.4	7.10
	13.0	11.8	52.4	7.94	49.4	7.71	46.4	7.49	45.0	7.17	43.4	6.94	40.4	6.62
	15.0	13.7	52.4	7.48	49.4	7.26	46.4	7.05	45.0	6.75	43.4	6.53	40.4	6.24

7. Capacity Tables

Heating Capacity (18HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	36.3	15.13	36.3	15.20	36.1	15.36	36.1	15.59	36.1	14.83	34.5	14.12
	-21.8	-22	39.8	15.36	39.8	15.43	39.5	15.59	38.2	14.83	37.0	14.12	34.5	13.43
	-19.8	-20	42.0	15.51	42.0	15.59	39.5	15.05	38.2	14.32	37.0	13.64	34.5	12.98
	-18.8	-19	43.2	15.59	42.0	15.31	39.5	14.78	38.2	14.07	37.0	13.41	34.5	12.75
	-16.7	-17	44.5	15.01	42.0	14.73	39.5	14.22	38.2	13.53	37.0	12.91	34.5	12.27
	-13.7	-15	44.5	14.19	42.0	13.90	39.5	13.42	38.2	12.77	37.0	12.20	34.5	11.59
	-11.8	-13	44.5	13.66	42.0	13.37	39.5	12.91	38.2	12.29	37.0	11.75	34.5	11.15
	-9.8	-11	44.5	13.12	42.0	12.82	39.5	12.38	38.2	11.79	37.0	11.28	34.5	10.70
	-9.5	-10	44.5	13.03	42.0	12.73	39.5	12.30	38.2	11.71	37.0	11.21	34.5	10.63
	-8.5	-9.1	44.5	12.76	42.0	12.46	39.5	12.03	38.2	11.46	37.0	10.97	34.5	10.40
	-7.0	-7.6	44.5	12.35	42.0	12.04	39.5	11.63	38.2	11.08	37.0	10.62	34.5	10.06
	-5.0	-5.6	44.5	11.80	42.0	11.49	39.5	11.10	38.2	10.57	37.0	10.14	34.5	9.60
	-3.0	-3.7	44.5	11.25	42.0	10.93	39.5	10.56	38.2	10.06	37.0	9.67	34.5	9.15
	0.0	-0.7	44.5	10.42	42.0	10.10	39.5	9.76	38.2	9.30	37.0	8.96	34.5	8.46
	3.0	2.2	44.5	9.60	42.0	9.27	39.5	8.96	38.2	8.54	37.0	8.25	34.5	7.78
	5.0	4.1	44.5	9.05	42.0	8.72	39.5	8.42	38.2	8.04	37.0	7.78	34.5	7.32
	7.0	6	44.5	8.50	42.0	8.16	39.5	7.89	38.2	7.53	37.0	7.30	34.5	6.87
	9.0	7.9	44.5	7.68	42.0	7.37	39.5	7.12	38.2	6.80	37.0	6.60	34.5	6.20
	11.0	9.8	44.5	7.15	42.0	6.86	39.5	6.63	38.2	6.33	37.0	6.14	34.5	5.77
	13.0	11.8	44.5	6.69	42.0	6.42	39.5	6.21	38.2	5.92	37.0	5.75	34.5	5.40
	15.0	13.7	44.5	6.31	42.0	6.05	39.5	5.85	38.2	5.59	37.0	5.42	34.5	5.09
60	-24.8	-25	34.1	14.97	34.1	15.13	33.9	15.36	32.7	14.54	31.6	13.78	29.6	13.07
	-21.8	-22	36.5	15.20	36.1	15.36	33.9	14.54	32.7	13.78	31.6	13.07	29.6	12.38
	-19.8	-20	38.2	15.36	36.1	14.78	33.9	14.00	32.7	13.27	31.6	12.59	29.6	11.92
	-18.8	-19	38.2	15.07	36.1	14.49	33.9	13.73	32.7	13.02	31.6	12.35	29.6	11.69
	-16.7	-17	38.2	14.45	36.1	13.89	33.9	13.16	32.7	12.49	31.6	11.85	29.6	11.21
	-13.7	-15	38.2	13.58	36.1	13.02	33.9	12.35	32.7	11.73	31.6	11.14	29.6	10.52
	-11.8	-13	38.2	13.02	36.1	12.48	33.9	11.83	32.7	11.24	31.6	10.69	29.6	10.09
	-9.8	-11	38.2	12.44	36.1	11.90	33.9	11.29	32.7	10.74	31.6	10.21	29.6	9.63
	-9.5	-10	38.2	12.35	36.1	11.82	33.9	11.21	32.7	10.66	31.6	10.14	29.6	9.56
	-8.5	-9.1	38.2	12.06	36.1	11.53	33.9	10.94	32.7	10.41	31.6	9.90	29.6	9.33
	-7.0	-7.6	38.2	11.62	36.1	11.10	33.9	10.53	32.7	10.03	31.6	9.54	29.6	8.99
	-5.0	-5.6	38.2	11.04	36.1	10.52	33.9	9.99	32.7	9.52	31.6	9.07	29.6	8.53
	-3.0	-3.7	38.2	10.46	36.1	9.94	33.9	9.45	32.7	9.01	31.6	8.59	29.6	8.07
	0.0	-0.7	38.2	9.58	36.1	9.08	33.9	8.63	32.7	8.25	31.6	7.88	29.6	7.38
	3.0	2.2	38.2	8.71	36.1	8.22	33.9	7.82	32.7	7.49	31.6	7.16	29.6	6.69
	5.0	4.1	38.2	8.13	36.1	7.64	33.9	7.28	32.7	6.98	31.6	6.69	29.6	6.23
	7.0	6	38.2	7.54	36.1	7.07	33.9	6.74	32.7	6.47	31.6	6.21	29.6	5.77
	9.0	7.9	38.2	6.73	36.1	6.30	33.9	6.01	32.7	5.78	31.6	5.54	29.6	5.15
	11.0	9.8	38.2	6.28	36.1	5.89	33.9	5.61	32.7	5.39	31.6	5.17	29.6	4.81
	13.0	11.8	38.2	5.89	36.1	5.51	33.9	5.26	32.7	5.05	31.6	4.85	29.6	4.51
	15.0	13.7	38.2	5.56	36.1	5.21	33.9	4.97	32.7	4.77	31.6	4.58	29.6	4.26
50	-24.8	-25	31.8	13.02	30.0	13.25	28.2	12.54	27.3	11.87	26.4	11.24	24.6	10.66
	-21.8	-22	31.8	13.25	30.0	12.54	28.2	11.87	27.3	11.24	26.4	10.66	24.6	10.10
	-19.8	-20	31.8	12.75	30.0	12.06	28.2	11.43	27.3	10.82	26.4	10.27	24.6	9.72
	-18.8	-19	31.8	12.50	30.0	11.82	28.2	11.21	27.3	10.62	26.4	10.08	24.6	9.54
	-16.7	-17	31.8	11.98	30.0	11.33	28.2	10.74	27.3	10.18	26.4	9.67	24.6	9.14
	-13.7	-15	31.8	11.23	30.0	10.61	28.2	10.08	27.3	9.55	26.4	9.08	24.6	8.58
	-11.8	-13	31.8	10.76	30.0	10.16	28.2	9.65	27.3	9.15	26.4	8.71	24.6	8.23
	-9.8	-11	31.8	10.26	30.0	9.69	28.2	9.21	27.3	8.73	26.4	8.32	24.6	7.85
	-9.5	-10	31.8	10.19	30.0	9.62	28.2	9.14	27.3	8.67	26.4	8.26	24.6	7.80
	-8.5	-9.1	31.8	9.94	30.0	9.38	28.2	8.92	27.3	8.46	26.4	8.07	24.6	7.61
	-7.0	-7.6	31.8	9.57	30.0	9.02	28.2	8.59	27.3	8.14	26.4	7.78	24.6	7.33
	-5.0	-5.6	31.8	9.07	30.0	8.55	28.2	8.15	27.3	7.73	26.4	7.39	24.6	6.96
	-3.0	-3.7	31.8	8.57	30.0	8.07	28.2	7.70	27.3	7.31	26.4	7.00	24.6	6.58
	0.0	-0.7	31.8	7.83	30.0	7.36	28.2	7.04	27.3	6.68	26.4	6.41	24.6	6.02
	3.0	2.2	31.8	7.08	30.0	6.65	28.2	6.37	27.3	6.05	26.4	5.83	24.6	5.46
	5.0	4.1	31.8	6.58	30.0	6.17	28.2	5.93	27.3	5.63	26.4	5.44	24.6	5.09
	7.0	6	31.8	6.08	30.0	5.70	28.2	5.49	27.3	5.21	26.4	5.05	24.6	4.71
	9.0	7.9	31.8	5.49	30.0	5.14	28.2	4.96	27.3	4.71	26.4	4.56	24.6	4.26
	11.0	9.8	31.8	5.14	30.0	4.81	28.2	4.64	27.3	4.40	26.4	4.27	24.6	3.98
	13.0	11.8	31.8	4.83	30.0	4.52	28.2	4.35	27.3	4.14	26.4	4.01	24.6	3.74
	15.0	13.7	31.8	4.57	30.0	4.28	28.2	4.12	27.3	3.91	26.4	3.79	24.6	3.54

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM200LTE5

Heating Capacity (20HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	39.5	21.22	39.5	21.29	39.2	21.35	39.2	21.44	39.2	21.53	38.5	21.66
	-21.8	-22	48.0	21.36	48.0	21.43	47.7	21.49	47.7	21.58	47.7	21.66	46.8	21.80
	-19.8	-20	50.7	21.45	50.7	21.52	50.3	21.58	50.3	21.67	50.3	21.75	49.4	21.89
	-18.8	-19	51.7	21.49	51.7	21.56	51.4	21.62	51.4	21.71	51.4	21.80	50.4	21.93
	-16.7	-17	54.0	21.59	54.0	21.66	53.7	21.72	53.7	21.81	53.7	21.89	52.7	22.03
	-13.7	-15	57.3	21.73	57.3	21.79	57.0	21.85	57.0	21.94	57.0	22.03	55.9	21.23
	-11.8	-13	59.2	21.81	59.2	21.88	58.8	21.94	58.8	22.03	58.8	21.49	57.9	20.72
	-9.8	-11	61.1	21.90	61.1	21.97	60.8	22.03	60.8	21.46	60.8	20.93	60.0	20.19
	-9.5	-10	61.5	21.92	61.5	21.98	61.1	21.94	61.1	21.38	61.1	20.84	60.3	20.11
	-8.5	-9.1	62.7	21.96	62.7	22.03	62.3	21.65	62.3	21.09	62.0	20.56	61.4	19.84
	-7.0	-7.6	64.5	22.03	64.5	21.61	64.1	21.22	64.1	20.66	64.1	20.14	63.0	19.44
	-5.0	-5.6	66.8	21.49	66.8	21.05	66.4	20.65	66.4	20.10	66.4	19.58	65.1	18.91
	-3.0	-3.7	69.2	20.96	69.2	20.49	68.8	20.07	68.8	19.53	68.8	19.01	67.2	18.37
	0.0	-0.7	72.7	20.16	72.7	19.66	72.3	19.20	72.3	18.68	72.3	18.17	70.4	17.57
	3.0	2.2	76.3	19.36	76.3	18.82	75.8	18.34	75.8	17.82	75.8	17.32	71.1	16.77
	5.0	4.1	78.7	18.83	78.7	18.26	78.2	17.76	78.2	17.26	76.4	16.75	71.1	16.24
	7.0	6	81.0	18.29	81.0	17.70	80.5	17.19	79.2	16.69	76.4	16.19	71.1	15.71
	9.0	7.9	81.4	17.85	81.4	17.28	81.2	16.78	79.2	16.29	76.4	15.80	71.1	15.33
	11.0	9.8	81.4	17.58	81.4	17.01	81.2	16.52	79.2	16.03	76.4	15.56	71.1	15.09
	13.0	11.8	81.4	17.27	81.4	16.72	81.2	16.23	79.2	15.76	76.4	15.29	71.1	14.83
	15.0	13.7	81.4	16.95	81.4	16.40	81.2	15.92	79.2	15.46	76.4	15.00	71.1	14.55
120	-24.8	-25	39.2	21.29	39.2	21.35	38.9	21.44	38.9	21.53	38.9	21.66	38.2	21.76
	-21.8	-22	47.7	21.43	47.7	21.49	47.4	21.58	47.4	21.66	47.4	21.80	46.5	21.89
	-19.8	-20	50.3	21.52	50.3	21.58	50.0	21.67	50.0	21.75	50.0	21.89	49.0	21.98
	-18.8	-19	51.4	21.56	51.4	21.62	51.1	21.71	51.1	21.80	51.1	21.93	50.1	22.03
	-16.7	-17	53.7	21.66	53.7	21.72	53.3	21.81	53.3	21.89	53.3	22.03	52.3	21.51
	-13.7	-15	56.9	21.79	56.9	21.85	56.6	21.94	56.6	22.03	56.6	21.26	55.5	20.78
	-11.8	-13	58.8	21.88	58.8	21.94	58.4	22.03	58.4	21.49	58.4	20.78	57.5	20.31
	-9.8	-11	60.7	21.97	60.7	22.03	60.3	21.44	60.3	20.92	60.3	20.27	59.6	19.82
	-9.5	-10	61.1	21.98	61.1	21.94	60.7	21.35	60.7	20.83	60.7	20.19	59.9	19.75
	-8.5	-9.1	62.2	22.03	62.2	21.62	61.9	21.05	61.9	20.55	61.9	19.94	61.0	19.50
	-7.0	-7.6	64.0	21.57	64.0	21.15	63.6	20.61	63.6	20.12	63.6	19.56	62.5	19.13
	-5.0	-5.6	66.4	20.95	66.4	20.53	65.9	20.01	65.9	19.55	65.9	19.05	64.7	18.64
	-3.0	-3.7	68.7	20.33	68.7	19.91	68.3	19.42	68.3	18.98	68.3	18.54	66.8	18.15
	0.0	-0.7	72.2	19.41	72.2	18.97	71.8	18.53	71.8	18.13	71.8	17.77	66.8	17.42
	3.0	2.2	75.8	18.48	75.8	18.03	75.3	17.64	74.2	17.28	71.9	17.01	66.8	16.68
	5.0	4.1	78.1	17.87	78.1	17.41	76.8	17.05	74.2	16.71	71.9	16.50	66.8	16.19
	7.0	6	80.5	17.25	79.9	16.78	76.8	16.45	74.2	16.14	71.9	15.99	66.8	15.70
	9.0	7.9	80.8	16.80	79.9	16.34	76.8	16.02	74.2	15.71	71.9	15.56	66.8	15.29
	11.0	9.8	80.8	16.49	79.9	16.04	76.8	15.72	74.2	15.42	71.9	15.28	66.8	15.01
	13.0	11.8	80.8	16.15	79.9	15.72	76.8	15.41	74.2	15.11	71.9	14.97	66.8	14.70
	15.0	13.7	80.8	15.80	79.9	15.37	76.8	15.07	74.2	14.78	71.9	14.64	66.8	14.38
110	-24.8	-25	39.0	21.35	39.0	21.44	38.7	21.53	38.7	21.66	38.7	21.76	38.0	21.80
	-21.8	-22	47.4	21.49	47.4	21.58	47.1	21.66	47.1	21.80	47.1	21.89	46.2	21.94
	-19.8	-20	50.0	21.58	50.0	21.67	49.7	21.75	49.7	21.89	49.7	21.98	48.7	22.03
	-18.8	-19	51.1	21.62	51.1	21.71	50.8	21.80	50.8	21.93	50.8	22.03	49.8	21.75
	-16.7	-17	53.4	21.72	53.4	21.81	53.0	21.89	53.0	22.03	53.0	21.47	52.0	21.18
	-13.7	-15	56.6	21.85	56.6	21.94	56.2	22.03	56.2	21.18	56.2	20.67	56.2	20.35
	-11.8	-13	58.4	21.94	58.4	22.03	58.1	21.43	58.1	20.65	58.1	20.16	58.1	19.83
	-9.8	-11	60.4	22.03	60.4	21.36	60.0	20.80	60.0	20.08	60.0	19.63	59.6	19.28
	-9.5	-10	60.7	21.92	60.7	21.25	60.4	20.71	60.4	20.00	60.4	19.55	60.1	19.20
	-8.5	-9.1	61.9	21.56	61.9	20.92	61.5	20.40	61.5	19.71	61.5	19.28	60.1	18.93
	-7.0	-7.6	63.7	21.01	63.7	20.41	63.3	19.92	63.3	19.29	63.3	18.88	60.1	18.52
	-5.0	-5.6	66.0	20.29	66.0	19.74	65.6	19.30	65.6	18.73	64.4	18.35	60.1	17.97
	-3.0	-3.7	68.3	19.57	68.3	19.07	67.9	18.67	66.6	18.16	64.4	17.81	60.1	17.42
	0.0	-0.7	71.8	18.48	71.8	18.06	68.9	17.73	66.6	17.31	64.4	17.01	60.1	16.59
	3.0	2.2	75.3	17.39	73.4	17.05	68.9	16.78	66.6	16.47	64.4	16.21	60.1	15.77
	5.0	4.1	77.7	16.67	73.4	16.38	68.9	16.16	66.6	15.90	64.4	15.68	60.1	15.22
	7.0	6	77.7	15.94	73.4	15.70	68.9	15.53	66.6	15.34	64.4	15.14	60.1	14.67
	9.0	7.9	77.7	15.45	73.4	15.22	68.9	15.05	66.6	14.87	64.4	14.67	60.1	14.22
	11.0	9.8	77.7	15.09	73.4	14.87	68.9	14.70	66.6	14.52	64.4	14.33	60.1	13.89
	13.0	11.8	77.7	14.71	73.4	14.49	68.9	14.33	66.6	14.15	64.4	13.97	60.1	13.54
	15.0	13.7	77.7	14.30	73.4	14.08	68.9	13.93	66.6	13.76	64.4	13.58	60.1	13.16

7. Capacity Tables

Heating Capacity (20HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	38.8	23.35	38.8	23.18	38.6	21.35	38.6	22.74	38.6	22.56	37.8	22.47
	-21.8	-22	47.2	23.09	47.2	22.91	46.9	22.02	46.9	22.48	46.9	22.57	46.0	22.21
	-19.8	-20	49.8	22.91	49.8	22.73	49.5	22.43	49.5	22.30	49.5	22.21	48.5	22.03
	-18.8	-19	50.9	22.82	50.6	22.65	50.6	22.48	50.6	22.21	50.6	22.03	49.6	21.69
	-16.7	-17	52.8	22.64	52.8	22.46	52.8	22.57	52.5	22.03	52.5	21.33	51.5	20.98
	-13.7	-15	56.3	22.37	56.3	22.20	56.0	22.03	56.0	21.02	56.0	20.33	54.9	19.96
	-11.8	-13	58.1	22.21	57.8	22.03	57.8	21.36	57.8	20.38	57.8	19.70	54.9	19.31
	-9.8	-11	60.1	22.03	60.1	21.28	59.8	20.65	59.8	19.71	59.0	19.03	54.9	18.63
	-9.5	-10	60.4	21.91	60.4	21.16	60.1	20.54	60.1	19.61	59.0	18.94	54.9	18.53
	-8.5	-9.1	61.6	21.52	61.6	20.79	61.3	20.19	61.0	19.27	59.0	18.60	54.9	18.19
	-7.0	-7.6	64.4	20.93	64.1	20.22	63.0	19.65	61.0	18.76	59.0	18.10	54.9	17.68
	-5.0	-5.6	67.2	20.14	66.5	19.47	63.0	18.94	61.0	18.09	59.0	17.44	54.9	17.01
	-3.0	-3.7	69.1	19.36	67.0	18.72	63.0	18.24	61.0	17.42	59.0	16.77	54.9	16.33
	0.0	-0.7	71.1	18.18	67.0	17.59	63.0	17.17	61.0	16.41	59.0	15.77	54.9	15.31
	3.0	2.2	71.1	17.00	67.0	16.46	63.0	16.11	61.0	15.40	59.0	14.78	54.9	14.29
	5.0	4.1	71.1	16.22	67.0	15.70	63.0	15.40	61.0	14.73	59.0	14.11	54.9	13.61
	7.0	6	71.1	15.43	67.0	14.95	63.0	14.69	61.0	14.05	59.0	13.45	54.9	12.93
	9.0	7.9	71.1	14.89	67.0	14.43	63.0	14.18	61.0	13.56	59.0	12.98	54.9	12.48
	11.0	9.8	71.1	14.48	67.0	14.02	63.0	13.78	61.0	13.18	59.0	12.61	54.9	12.13
	13.0	11.8	71.1	14.04	67.0	13.60	63.0	13.36	61.0	12.78	59.0	12.23	54.9	11.76
	15.0	13.7	71.1	13.57	67.0	13.14	63.0	12.91	61.0	12.36	59.0	11.82	54.9	11.37
90	-24.8	-25	38.7	20.90	38.7	21.03	38.4	21.13	38.4	21.17	38.4	21.27	37.7	21.40
	-21.8	-22	47.0	21.03	47.0	21.17	46.7	21.27	46.7	21.31	46.7	21.40	45.8	20.49
	-19.8	-20	49.6	21.13	49.6	21.26	49.3	21.36	49.3	21.40	49.3	20.78	48.4	19.89
	-18.8	-19	50.9	21.17	50.6	21.31	50.4	21.40	50.4	21.08	50.4	20.47	49.4	19.58
	-16.7	-17	52.8	21.27	52.8	21.40	52.6	20.74	52.6	20.41	52.6	19.82	50.2	18.94
	-13.7	-15	56.3	21.40	56.3	20.42	55.8	19.80	55.8	19.46	54.1	18.89	50.2	18.04
	-11.8	-13	58.1	20.73	57.8	19.80	57.6	19.20	55.9	18.85	54.1	18.30	50.2	17.46
	-9.8	-11	60.1	20.03	60.1	19.15	57.6	18.58	55.9	18.21	54.1	17.68	50.2	16.85
	-9.5	-10	60.4	19.92	60.4	19.05	57.6	18.48	55.9	18.11	54.1	17.59	50.2	16.76
	-8.5	-9.1	61.6	19.57	61.1	18.73	57.6	18.17	55.9	17.80	54.1	17.28	50.2	16.46
	-7.0	-7.6	64.4	19.04	61.2	18.24	57.6	17.70	55.9	17.32	54.1	16.81	50.2	16.00
	-5.0	-5.6	65.1	18.33	61.2	17.59	57.6	17.07	55.9	16.68	54.1	16.19	50.2	15.40
	-3.0	-3.7	65.1	17.63	61.2	16.93	57.6	16.44	55.9	16.04	54.1	15.57	50.2	14.79
	0.0	-0.7	65.1	16.57	61.2	15.95	57.6	15.50	55.9	15.08	54.1	14.64	50.2	13.88
	3.0	2.2	65.1	15.52	61.2	14.98	57.6	14.56	55.9	14.13	54.1	13.71	50.2	12.97
	5.0	4.1	65.1	14.81	61.2	14.32	57.6	13.93	55.9	13.49	54.1	13.09	50.2	12.36
	7.0	6	65.1	14.11	61.2	13.67	57.6	13.30	55.9	12.85	54.1	12.47	50.2	11.76
	9.0	7.9	65.1	13.44	61.2	13.03	57.6	12.68	55.9	12.24	54.1	11.88	50.2	11.20
	11.0	9.8	65.1	12.77	61.2	12.38	57.6	12.05	55.9	11.64	54.1	11.29	50.2	10.65
	13.0	11.8	65.1	12.11	61.2	11.74	57.6	11.42	55.9	11.03	54.1	10.70	50.2	10.09
	15.0	13.7	65.1	11.44	61.2	11.09	57.6	10.79	55.9	10.42	54.1	10.11	50.2	9.54
80	-24.8	-25	38.5	18.47	38.5	18.61	38.3	18.71	38.3	18.75	38.3	18.98	37.5	18.18
	-21.8	-22	46.5	18.61	46.5	18.75	46.5	18.84	46.5	18.98	46.5	18.18	44.9	17.41
	-19.8	-20	49.1	18.70	49.1	18.84	49.1	18.98	49.1	18.41	48.2	17.64	44.9	16.89
	-18.8	-19	50.2	18.75	50.2	18.98	50.2	18.69	50.0	18.13	48.2	17.38	44.9	16.64
	-16.7	-17	51.6	18.98	51.6	18.38	51.6	18.09	50.0	17.54	48.2	16.82	44.9	16.10
	-13.7	-15	53.9	18.10	52.9	17.53	51.6	17.23	50.0	16.69	48.2	16.02	44.9	15.33
	-11.8	-13	55.3	17.54	53.7	16.99	51.6	16.69	50.0	16.16	48.2	15.51	44.9	14.84
	-9.8	-11	56.8	16.95	54.4	16.43	51.6	16.12	50.0	15.59	48.2	14.98	44.9	14.33
	-9.5	-10	57.2	16.86	54.7	16.34	51.6	16.03	50.0	15.51	48.2	14.90	44.9	14.25
	-8.5	-9.1	57.7	16.57	54.9	16.06	51.6	15.75	50.0	15.22	48.2	14.63	44.9	14.00
	-7.0	-7.6	58.3	16.13	54.9	15.63	51.6	15.32	50.0	14.80	48.2	14.23	44.9	13.61
	-5.0	-5.6	58.3	15.54	54.9	15.07	51.6	14.75	50.0	14.24	48.2	13.69	44.9	13.10
	-3.0	-3.7	58.3	14.95	54.9	14.50	51.6	14.18	50.0	13.67	48.2	13.16	44.9	12.58
	0.0	-0.7	58.3	14.07	54.9	13.65	51.6	13.32	50.0	12.83	48.2	12.36	44.9	11.81
	3.0	2.2	58.3	13.19	54.9	12.80	51.6	12.46	50.0	11.98	48.2	11.56	44.9	11.05
	5.0	4.1	58.3	12.60	54.9	12.23	51.6	11.89	50.0	11.41	48.2	11.03	44.9	10.53
	7.0	6	58.3	12.01	54.9	11.66	51.6	11.32	50.0	10.85	48.2	10.49	44.9	10.02
	9.0	7.9	58.3	11.28	54.9	10.95	51.6	10.63	50.0	10.19	48.2	9.85	44.9	9.41
	11.0	9.8	58.3	10.47	54.9	10.17	51.6	9.87	50.0	9.45	48.2	9.14	44.9	8.73
	13.0	11.8	58.3	9.77	54.9	9.49	51.6	9.21	50.0	8.83	48.2	8.54	44.9	8.15
	15.0	13.7	58.3	9.20	54.9	8.93	51.6	8.67	50.0	8.31	48.2	8.04	44.9	7.67

7. Capacity Tables

Heating Capacity (20HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	38.5	18.26	38.5	18.31	38.3	18.40	38.3	18.53	38.3	17.66	37.5	16.84
	-21.8	-22	44.2	18.40	44.2	18.44	43.9	18.53	42.4	17.66	41.1	16.84	38.4	16.05
	-19.8	-20	48.0	18.49	46.7	18.53	43.9	17.92	42.4	17.08	41.1	16.30	38.4	15.52
	-18.8	-19	49.4	18.53	46.7	18.22	43.9	17.61	42.4	16.78	41.1	16.02	38.4	15.26
	-16.7	-17	49.4	17.88	46.7	17.55	43.9	16.97	42.4	16.17	41.1	15.45	38.4	14.70
	-13.7	-15	49.4	16.94	46.7	16.60	43.9	16.05	42.4	15.30	41.1	14.63	38.4	13.91
	-11.8	-13	49.4	16.34	46.7	16.00	43.9	15.47	42.4	14.74	41.1	14.11	38.4	13.41
	-9.8	-11	49.4	15.72	46.7	15.36	43.9	14.85	42.4	14.16	41.1	13.57	38.4	12.88
	-9.5	-10	49.4	15.62	46.7	15.27	43.9	14.76	42.4	14.07	41.1	13.49	38.4	12.80
	-8.5	-9.1	49.4	15.31	46.7	14.95	43.9	14.46	42.4	13.78	41.1	13.21	38.4	12.54
	-7.0	-7.6	49.4	14.84	46.7	14.48	43.9	14.00	42.4	13.35	41.1	12.80	38.4	12.14
	-5.0	-5.6	49.4	14.22	46.7	13.84	43.9	13.38	42.4	12.76	41.1	12.26	38.4	11.62
	-3.0	-3.7	49.4	13.59	46.7	13.21	43.9	12.77	42.4	12.18	41.1	11.71	38.4	11.09
	0.0	-0.7	49.4	12.65	46.7	12.26	43.9	11.85	42.4	11.31	41.1	10.89	38.4	10.30
	3.0	2.2	49.4	11.71	46.7	11.31	43.9	10.93	42.4	10.43	41.1	10.08	38.4	9.50
	5.0	4.1	49.4	11.09	46.7	10.67	43.9	10.32	42.4	9.85	41.1	9.53	38.4	8.98
	7.0	6	49.4	10.46	46.7	10.04	43.9	9.70	42.4	9.27	41.1	8.99	38.4	8.45
	9.0	7.9	49.4	9.45	46.7	9.07	43.9	8.76	42.4	8.37	41.1	8.11	38.4	7.63
	11.0	9.8	49.4	8.80	46.7	8.44	43.9	8.16	42.4	7.79	41.1	7.56	38.4	7.10
	13.0	11.8	49.4	8.23	46.7	7.90	43.9	7.63	42.4	7.29	41.1	7.07	38.4	6.65
	15.0	13.7	49.4	7.76	46.7	7.45	43.9	7.20	42.4	6.87	41.1	6.66	38.4	6.27
60	-24.8	-25	37.9	18.10	37.9	18.19	37.6	18.33	36.4	17.38	35.1	16.49	32.9	15.66
	-21.8	-22	40.6	18.24	40.1	18.33	37.6	17.38	36.4	16.49	35.1	15.66	32.9	14.85
	-19.8	-20	42.4	18.33	40.1	17.66	37.6	16.75	36.4	15.90	35.1	15.10	32.9	14.31
	-18.8	-19	42.4	17.99	40.1	17.33	37.6	16.44	36.4	15.61	35.1	14.82	32.9	14.04
	-16.7	-17	42.4	17.28	40.1	16.62	37.6	15.77	36.4	14.98	35.1	14.24	32.9	13.48
	-13.7	-15	42.4	16.27	40.1	15.62	37.6	14.82	36.4	14.10	35.1	13.40	32.9	12.67
	-11.8	-13	42.4	15.63	40.1	14.98	37.6	14.22	36.4	13.53	35.1	12.87	32.9	12.16
	-9.8	-11	42.4	14.95	40.1	14.31	37.6	13.59	36.4	12.94	35.1	12.32	32.9	11.62
	-9.5	-10	42.4	14.85	40.1	14.21	37.6	13.50	36.4	12.85	35.1	12.23	32.9	11.54
	-8.5	-9.1	42.4	14.51	40.1	13.88	37.6	13.18	36.4	12.56	35.1	11.96	32.9	11.27
	-7.0	-7.6	42.4	14.01	40.1	13.38	37.6	12.71	36.4	12.11	35.1	11.54	32.9	10.87
	-5.0	-5.6	42.4	13.33	40.1	12.71	37.6	12.08	36.4	11.52	35.1	10.98	32.9	10.33
	-3.0	-3.7	42.4	12.66	40.1	12.04	37.6	11.45	36.4	10.93	35.1	10.42	32.9	9.79
	0.0	-0.7	42.4	11.64	40.1	11.03	37.6	10.50	36.4	10.04	35.1	9.59	32.9	8.99
	3.0	2.2	42.4	10.63	40.1	10.03	37.6	9.55	36.4	9.15	35.1	8.75	32.9	8.18
	5.0	4.1	42.4	9.96	40.1	9.36	37.6	8.92	36.4	8.56	35.1	8.20	32.9	7.64
	7.0	6	42.4	9.28	40.1	8.69	37.6	8.29	36.4	7.96	35.1	7.64	32.9	7.10
	9.0	7.9	42.4	8.28	40.1	7.76	37.6	7.39	36.4	7.11	35.1	6.82	32.9	6.34
	11.0	9.8	42.4	7.73	40.1	7.24	37.6	6.90	36.4	6.64	35.1	6.37	32.9	5.92
	13.0	11.8	42.4	7.24	40.1	6.78	37.6	6.47	36.4	6.22	35.1	5.96	32.9	5.54
	15.0	13.7	42.4	6.84	40.1	6.41	37.6	6.11	36.4	5.87	35.1	5.64	32.9	5.24
50	-24.8	-25	35.4	15.62	33.4	15.75	31.4	14.93	30.4	14.16	29.3	13.43	27.3	12.75
	-21.8	-22	35.4	15.75	33.4	14.93	31.4	14.16	30.4	13.43	29.3	12.75	27.3	12.09
	-19.8	-20	35.4	15.18	33.4	14.38	31.4	13.64	30.4	12.94	29.3	12.29	27.3	11.65
	-18.8	-19	35.4	14.89	33.4	14.10	31.4	13.39	30.4	12.70	29.3	12.07	27.3	11.44
	-16.7	-17	35.4	14.29	33.4	13.53	31.4	12.85	30.4	12.18	29.3	11.59	27.3	10.98
	-13.7	-15	35.4	13.43	33.4	12.70	31.4	12.07	30.4	11.45	29.3	10.91	27.3	10.32
	-11.8	-13	35.4	12.88	33.4	12.18	31.4	11.59	30.4	10.99	29.3	10.48	27.3	9.91
	-9.8	-11	35.4	12.31	33.4	11.63	31.4	11.07	30.4	10.50	29.3	10.02	27.3	9.47
	-9.5	-10	35.4	12.22	33.4	11.55	31.4	10.99	30.4	10.43	29.3	9.96	27.3	9.40
	-8.5	-9.1	35.4	11.94	33.4	11.27	31.4	10.74	30.4	10.19	29.3	9.73	27.3	9.18
	-7.0	-7.6	35.4	11.50	33.4	10.86	31.4	10.35	30.4	9.82	29.3	9.39	27.3	8.86
	-5.0	-5.6	35.4	10.93	33.4	10.31	31.4	9.84	30.4	9.34	29.3	8.94	27.3	8.42
	-3.0	-3.7	35.4	10.36	33.4	9.76	31.4	9.32	30.4	8.85	29.3	8.48	27.3	7.98
	0.0	-0.7	35.4	9.50	33.4	8.93	31.4	8.55	30.4	8.12	29.3	7.80	27.3	7.33
	3.0	2.2	35.4	8.63	33.4	8.11	31.4	7.78	30.4	7.39	29.3	7.12	27.3	6.67
	5.0	4.1	35.4	8.06	33.4	7.56	31.4	7.27	30.4	6.90	29.3	6.67	27.3	6.23
	7.0	6	35.4	7.49	33.4	7.01	31.4	6.75	30.4	6.41	29.3	6.21	27.3	5.80
	9.0	7.9	35.4	6.76	33.4	6.33	31.4	6.10	30.4	5.79	29.3	5.61	27.3	5.24
	11.0	9.8	35.4	6.33	33.4	5.92	31.4	5.70	30.4	5.42	29.3	5.25	27.3	4.90
	13.0	11.8	35.4	5.94	33.4	5.56	31.4	5.36	30.4	5.09	29.3	4.93	27.3	4.60
	15.0	13.7	35.4	5.62	33.4	5.26	31.4	5.07	30.4	4.81	29.3	4.67	27.3	4.35

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM221LTE5

Heating Capacity (22HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	44.3	21.10	44.3	21.41	44.0	21.69	44.0	22.10	44.0	22.50	43.4	23.13
	-21.8	-22	53.1	21.73	53.1	22.04	52.8	22.31	52.8	22.72	52.8	23.13	52.1	23.74
	-19.8	-20	55.7	22.14	55.7	22.46	55.3	22.72	55.3	23.14	55.3	23.54	54.6	24.16
	-18.8	-19	56.9	22.36	56.9	22.66	56.5	22.94	56.5	23.35	56.5	23.74	55.7	24.37
	-16.7	-17	59.3	22.79	59.3	23.10	58.9	23.38	58.9	23.79	58.9	24.18	58.0	24.81
	-13.7	-15	62.7	23.42	62.7	23.73	62.4	24.00	62.4	24.41	62.4	24.81	61.4	23.59
	-11.8	-13	64.7	23.81	64.7	24.12	64.3	24.40	64.3	24.81	64.3	23.97	63.6	22.81
	-9.8	-11	66.7	24.22	66.7	24.54	66.2	24.81	66.2	23.89	66.2	23.08	65.5	22.00
	-9.5	-10	67.1	24.29	67.1	24.60	66.7	24.67	66.7	23.74	66.6	22.95	65.9	21.88
	-8.5	-9.1	68.6	24.50	68.6	24.81	68.2	24.17	68.2	23.28	67.6	22.50	66.9	21.47
	-7.0	-7.6	70.9	24.81	70.9	24.06	70.4	23.44	70.4	22.59	70.4	21.84	69.0	20.86
	-5.0	-5.6	73.9	23.79	73.9	23.07	73.4	22.46	73.4	21.66	73.4	20.95	71.2	20.04
	-3.0	-3.7	77.0	22.77	77.0	22.07	76.4	21.48	76.4	20.73	76.4	20.07	73.5	19.23
	0.0	-0.7	81.4	21.23	81.4	20.58	81.0	20.02	81.0	19.35	81.0	18.73	76.6	18.01
	3.0	2.2	85.9	19.70	85.9	19.08	85.4	18.55	85.4	17.96	83.9	17.40	77.9	16.79
	5.0	4.1	88.4	18.68	88.4	18.08	88.0	17.57	86.8	17.03	84.0	16.51	78.3	15.97
	7.0	6	89.6	17.65	89.6	17.08	89.2	16.59	87.1	16.10	84.0	15.62	78.3	15.16
	9.0	7.9	89.6	16.78	89.6	16.24	89.3	15.77	87.1	15.31	84.0	14.86	78.3	14.41
	11.0	9.8	89.6	16.04	89.6	15.52	89.3	15.08	87.1	14.64	84.0	14.20	78.3	13.77
	13.0	11.8	89.6	15.26	89.6	14.77	89.3	14.34	87.1	13.92	84.0	13.51	78.3	13.11
	15.0	13.7	89.6	14.44	89.6	13.97	89.3	13.56	87.1	13.17	84.0	12.77	78.3	12.39
120	-24.8	-25	44.0	21.41	44.0	21.69	43.7	22.10	43.7	22.50	43.7	23.13	43.1	23.56
	-21.8	-22	52.8	22.04	52.8	22.31	52.4	22.72	52.4	23.13	52.4	23.74	51.7	24.18
	-19.8	-20	55.3	22.46	55.3	22.72	55.0	23.14	55.0	23.54	55.0	24.16	54.2	24.60
	-18.8	-19	56.5	22.66	56.5	22.94	56.1	23.35	56.1	23.74	56.1	24.37	55.3	24.81
	-16.7	-17	58.9	23.10	58.9	23.38	58.5	23.79	58.5	24.18	58.5	24.81	57.6	24.03
	-13.7	-15	62.2	23.73	62.2	24.00	61.9	24.41	61.9	24.81	61.9	23.62	61.0	22.91
	-11.8	-13	64.2	24.12	64.2	24.40	63.8	24.81	63.8	23.96	63.8	22.87	63.1	22.19
	-9.8	-11	66.2	24.54	66.2	24.81	65.8	23.86	65.8	23.07	65.8	22.08	65.1	21.44
	-9.5	-10	66.7	24.60	66.7	24.65	66.3	23.72	66.3	22.94	66.3	21.96	65.5	21.33
	-8.5	-9.1	68.2	24.81	68.2	24.14	67.7	23.24	67.7	22.49	67.6	21.57	66.8	20.96
	-7.0	-7.6	70.4	24.02	70.4	23.38	70.0	22.53	70.0	21.82	69.4	20.97	68.5	20.39
	-5.0	-5.6	73.4	22.97	73.4	22.35	72.9	21.59	72.9	20.93	72.9	20.18	70.8	19.64
	-3.0	-3.7	76.4	21.92	76.4	21.33	75.9	20.63	75.9	20.04	75.9	19.39	72.4	18.89
	0.0	-0.7	80.8	20.34	80.8	19.79	80.3	19.21	80.3	18.70	78.9	18.20	73.5	17.77
	3.0	2.2	85.3	18.75	85.3	18.25	83.9	17.79	81.6	17.36	78.9	17.01	73.5	16.66
	5.0	4.1	87.8	17.70	87.3	17.23	84.5	16.83	81.6	16.47	79.1	16.22	73.5	15.91
	7.0	6	88.9	16.65	88.0	16.20	84.5	15.88	81.6	15.57	79.1	15.43	73.5	15.16
	9.0	7.9	88.9	15.81	88.0	15.38	84.5	15.08	81.6	14.80	79.1	14.66	73.5	14.39
	11.0	9.8	88.9	15.10	88.0	14.69	84.5	14.40	81.6	14.12	79.1	13.99	73.5	13.75
	13.0	11.8	88.9	14.35	88.0	13.95	84.5	13.68	81.6	13.43	79.1	13.29	73.5	13.06
	15.0	13.7	88.9	13.55	88.0	13.18	84.5	12.93	81.6	12.68	79.1	12.56	73.5	12.33
110	-24.8	-25	43.7	21.69	43.7	22.10	43.5	22.50	43.5	23.13	43.5	23.56	42.9	23.77
	-21.8	-22	52.5	22.31	52.5	22.72	52.2	23.13	52.2	23.74	52.2	24.18	51.5	24.40
	-19.8	-20	55.0	22.72	55.0	23.14	54.7	23.54	54.7	24.16	54.7	24.60	53.9	24.81
	-18.8	-19	56.1	22.94	56.1	23.35	55.8	23.74	55.8	24.37	55.8	24.81	55.0	24.41
	-16.7	-17	58.6	23.38	58.6	23.79	58.2	24.18	58.2	24.81	58.2	23.98	57.3	23.58
	-13.7	-15	62.0	24.00	62.0	24.41	61.5	24.81	61.5	23.55	61.5	22.79	61.5	22.39
	-11.8	-13	63.9	24.40	63.9	24.81	63.4	23.91	63.4	22.74	63.4	22.04	63.4	21.64
	-9.8	-11	65.8	24.81	65.8	23.79	65.5	22.96	65.5	21.90	65.5	21.25	64.9	20.84
	-9.5	-10	66.3	24.64	66.3	23.62	65.9	22.82	65.9	21.77	65.9	21.14	65.6	20.71
	-8.5	-9.1	67.8	24.09	67.8	23.12	67.3	22.35	67.3	21.35	67.3	20.74	66.2	20.32
	-7.0	-7.6	70.0	23.24	70.0	22.35	69.6	21.63	69.6	20.71	69.6	20.15	66.2	19.73
	-5.0	-5.6	73.0	22.12	73.0	21.32	72.5	20.68	72.5	19.87	70.8	19.35	66.2	18.93
	-3.0	-3.7	75.9	21.00	75.9	20.30	75.3	19.73	73.3	19.03	70.8	18.57	66.2	18.14
	0.0	-0.7	80.4	19.31	80.0	18.76	75.7	18.31	73.3	17.76	70.8	17.39	66.2	16.95
	3.0	2.2	84.4	17.64	80.7	17.21	75.7	16.88	73.3	16.50	70.8	16.20	66.2	15.76
	5.0	4.1	85.4	16.51	80.7	16.19	75.7	15.94	73.3	15.65	70.8	15.41	66.2	14.96
	7.0	6	85.4	15.39	80.7	15.16	75.7	14.99	73.3	14.80	70.8	14.61	66.2	14.16
	9.0	7.9	85.4	14.56	80.7	14.34	75.7	14.18	73.3	14.01	70.8	13.83	66.2	13.40
	11.0	9.8	85.4	13.84	80.7	13.64	75.7	13.48	73.3	13.32	70.8	13.15	66.2	12.74
	13.0	11.8	85.4	13.09	80.7	12.90	75.7	12.75	73.3	12.59	70.8	12.43	66.2	12.05
	15.0	13.7	85.4	12.30	80.7	12.12	75.7	11.97	73.3	11.83	70.8	11.68	66.2	11.32

7. Capacity Tables

Heating Capacity (22HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	43.5	23.61	43.5	23.76	43.3	22.99	43.3	24.16	43.3	24.33	42.7	24.41
	-21.8	-22	52.2	23.85	52.2	24.01	52.0	23.71	52.0	24.40	52.0	24.84	51.2	24.65
	-19.8	-20	54.8	24.01	54.8	24.16	54.4	24.19	54.4	24.56	54.4	24.82	53.7	24.81
	-18.8	-19	55.9	24.08	55.5	24.25	55.5	24.40	55.5	24.64	55.5	24.81	54.8	24.35
	-16.7	-17	58.0	24.25	58.0	24.42	58.0	24.84	57.6	24.81	57.6	23.85	56.7	23.39
	-13.7	-15	61.6	24.50	61.6	24.65	61.3	24.81	61.3	23.39	61.3	22.48	60.5	22.01
	-11.8	-13	63.5	24.65	63.2	24.81	63.2	23.84	63.2	22.49	63.2	21.60	60.5	21.13
	-9.8	-11	65.5	24.81	65.5	23.70	65.2	22.81	65.2	21.54	64.9	20.69	60.5	20.21
	-9.5	-10	66.0	24.63	66.0	23.54	65.6	22.65	65.6	21.39	64.9	20.54	60.5	20.07
	-8.5	-9.1	67.5	24.04	67.5	22.99	67.1	22.14	67.1	20.92	64.9	20.08	60.5	19.61
	-7.0	-7.6	70.8	23.16	70.5	22.16	69.3	21.37	67.1	20.21	64.9	19.40	60.5	18.92
	-5.0	-5.6	73.9	21.98	73.2	21.06	69.3	20.34	67.1	19.26	64.9	18.48	60.5	18.00
	-3.0	-3.7	76.1	20.80	73.7	19.95	69.3	19.32	67.1	18.31	64.9	17.57	60.5	17.08
	0.0	-0.7	78.1	19.03	73.7	18.30	69.3	17.77	67.1	16.89	64.9	16.19	60.5	15.70
	3.0	2.2	78.1	17.26	73.7	16.64	69.3	16.23	67.1	15.47	64.9	14.82	60.5	14.32
	5.0	4.1	78.1	16.08	73.7	15.54	69.3	15.21	67.1	14.51	64.9	13.90	60.5	13.40
	7.0	6	78.1	14.90	73.7	14.43	69.3	14.18	67.1	13.56	64.9	12.98	60.5	12.48
	9.0	7.9	78.1	13.86	73.7	13.42	69.3	13.18	67.1	12.62	64.9	12.08	60.5	11.61
	11.0	9.8	78.1	12.91	73.7	12.51	69.3	12.29	67.1	11.76	64.9	11.26	60.5	10.82
	13.0	11.8	78.1	11.93	73.7	11.55	69.3	11.35	67.1	10.86	64.9	10.39	60.5	9.99
	15.0	13.7	78.1	10.90	73.7	10.55	69.3	10.37	67.1	9.92	64.9	9.49	60.5	9.13
90	-24.8	-25	43.3	21.23	43.3	21.86	43.1	22.30	43.1	22.50	43.1	22.92	42.5	23.55
	-21.8	-22	52.0	21.86	52.0	22.49	51.8	22.92	51.8	23.13	51.8	23.55	51.0	22.39
	-19.8	-20	54.6	22.28	54.6	22.90	54.2	23.33	54.2	23.55	54.2	22.75	53.5	21.63
	-18.8	-19	55.9	22.49	55.5	23.11	55.3	23.55	55.3	23.13	55.3	22.35	54.5	21.25
	-16.7	-17	58.0	22.92	58.0	23.55	57.7	22.67	57.7	22.26	57.7	21.51	55.2	20.44
	-13.7	-15	61.6	23.55	61.6	22.23	61.1	21.43	60.9	21.01	59.4	20.31	55.2	19.29
	-11.8	-13	63.5	22.63	63.2	21.41	62.9	20.64	61.4	20.23	59.4	19.55	55.2	18.56
	-9.8	-11	65.5	21.68	65.5	20.54	63.4	19.82	61.4	19.39	59.4	18.76	55.2	17.79
	-9.5	-10	66.0	21.53	66.0	20.40	63.4	19.69	61.4	19.26	59.4	18.63	55.2	17.68
	-8.5	-9.1	67.5	21.05	66.9	19.97	63.4	19.27	61.4	18.84	59.4	18.23	55.2	17.29
	-7.0	-7.6	70.8	20.33	67.3	19.31	63.4	18.65	61.4	18.22	59.4	17.63	55.2	16.72
	-5.0	-5.6	71.5	19.37	67.3	18.43	63.4	17.82	61.4	17.40	59.4	16.83	55.2	15.96
	-3.0	-3.7	71.5	18.42	67.3	17.57	63.4	16.99	61.4	16.56	59.4	16.03	55.2	15.18
	0.0	-0.7	71.5	16.98	67.3	16.25	63.4	15.75	61.4	15.32	59.4	14.84	55.2	14.03
	3.0	2.2	71.5	15.53	67.3	14.94	63.4	14.50	61.4	14.07	59.4	13.64	55.2	12.89
	5.0	4.1	71.5	14.57	67.3	14.07	63.4	13.67	61.4	13.23	59.4	12.84	55.2	12.11
	7.0	6	71.5	13.61	67.3	13.20	63.4	12.84	61.4	12.41	59.4	12.03	55.2	11.35
	9.0	7.9	71.5	12.74	67.3	12.34	63.4	12.01	61.4	11.60	59.4	11.26	55.2	10.62
	11.0	9.8	71.5	11.86	67.3	11.50	63.4	11.18	61.4	10.80	59.4	10.48	55.2	9.88
	13.0	11.8	71.5	10.98	67.3	10.64	63.4	10.35	61.4	10.00	59.4	9.71	55.2	9.15
	15.0	13.7	71.5	10.10	67.3	9.78	63.4	9.52	61.4	9.19	59.4	8.92	55.2	8.42
80	-24.8	-25	43.2	18.57	43.2	19.19	42.9	19.63	42.9	19.84	42.9	20.88	42.3	19.87
	-21.8	-22	51.5	19.19	51.5	19.82	51.5	20.26	51.5	20.88	51.5	19.87	49.3	18.91
	-19.8	-20	54.0	19.61	54.0	20.23	54.0	20.88	53.7	20.16	52.8	19.19	49.3	18.27
	-18.8	-19	55.1	19.82	55.1	20.88	55.1	20.50	54.4	19.79	53.0	18.85	49.3	17.94
	-16.7	-17	56.7	20.88	56.7	20.10	56.7	19.73	55.0	19.04	53.0	18.14	49.3	17.27
	-13.7	-15	59.3	19.71	58.1	18.98	56.7	18.62	55.0	17.95	53.0	17.13	49.3	16.31
	-11.8	-13	61.0	18.96	59.2	18.27	56.7	17.91	55.0	17.26	53.0	16.49	49.3	15.70
	-9.8	-11	62.6	18.17	60.0	17.52	56.7	17.16	55.0	16.55	53.0	15.81	49.3	15.06
	-9.5	-10	63.0	18.06	60.2	17.41	56.7	17.05	55.0	16.44	53.0	15.71	49.3	14.96
	-8.5	-9.1	63.6	17.67	60.5	17.04	56.7	16.68	55.0	16.08	53.0	15.36	49.3	14.64
	-7.0	-7.6	64.1	17.08	60.5	16.48	56.7	16.12	55.0	15.53	53.0	14.87	49.3	14.16
	-5.0	-5.6	64.1	16.30	60.5	15.74	56.7	15.39	55.0	14.81	53.0	14.18	49.3	13.52
	-3.0	-3.7	64.1	15.51	60.5	14.99	56.7	14.64	55.0	14.09	53.0	13.51	49.3	12.87
	0.0	-0.7	64.1	14.34	60.5	13.87	56.7	13.53	55.0	13.00	53.0	12.49	49.3	11.91
	3.0	2.2	64.1	13.16	60.5	12.75	56.7	12.41	55.0	11.91	53.0	11.48	49.3	10.95
	5.0	4.1	64.1	12.38	60.5	12.01	56.7	11.67	55.0	11.20	53.0	10.80	49.3	10.31
	7.0	6	64.1	11.60	60.5	11.26	56.7	10.93	55.0	10.47	53.0	10.13	49.3	9.67
	9.0	7.9	64.1	10.89	60.5	10.57	56.7	10.26	55.0	9.84	53.0	9.51	49.3	9.08
	11.0	9.8	64.1	10.11	60.5	9.82	56.7	9.53	55.0	9.13	53.0	8.83	49.3	8.43
	13.0	11.8	64.1	9.44	60.5	9.16	56.7	8.89	55.0	8.52	53.0	8.24	49.3	7.86
	15.0	13.7	64.1	8.88	60.5	8.62	56.7	8.36	55.0	8.02	53.0	7.76	49.3	7.40

7. Capacity Tables

Heating Capacity (22HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	43.2	18.99	43.2	19.19	42.9	19.61	42.9	20.24	42.9	19.18	42.2	18.18
	-21.8	-22	48.6	19.61	48.6	19.82	48.2	20.24	46.6	19.18	45.3	18.18	42.2	17.23
	-19.8	-20	52.2	20.04	51.3	20.24	48.2	19.49	46.6	18.47	45.3	17.52	42.2	16.61
	-18.8	-19	53.7	20.24	51.3	19.84	48.2	19.11	46.6	18.11	45.3	17.19	42.2	16.29
	-16.7	-17	54.3	19.41	51.3	19.01	48.2	18.32	46.6	17.37	45.3	16.50	42.2	15.63
	-13.7	-15	54.3	18.23	51.3	17.84	48.2	17.18	46.6	16.29	45.3	15.51	42.2	14.68
	-11.8	-13	54.3	17.48	51.3	17.09	48.2	16.47	46.6	15.62	45.3	14.88	42.2	14.08
	-9.8	-11	54.3	16.70	51.3	16.31	48.2	15.71	46.6	14.91	45.3	14.22	42.2	13.45
	-9.5	-10	54.3	16.58	51.3	16.18	48.2	15.60	46.6	14.81	45.3	14.12	42.2	13.36
	-8.5	-9.1	54.3	16.19	51.3	15.79	48.2	15.22	46.6	14.45	45.3	13.79	42.2	13.05
	-7.0	-7.6	54.3	15.60	51.3	15.21	48.2	14.65	46.6	13.92	45.3	13.30	42.2	12.57
	-5.0	-5.6	54.3	14.81	51.3	14.42	48.2	13.90	46.6	13.20	45.3	12.63	42.2	11.94
	-3.0	-3.7	54.3	14.03	51.3	13.63	48.2	13.15	46.6	12.49	45.3	11.97	42.2	11.30
	0.0	-0.7	54.3	12.85	51.3	12.45	48.2	12.01	46.6	11.43	45.3	10.99	42.2	10.36
	3.0	2.2	54.3	11.67	51.3	11.26	48.2	10.88	46.6	10.37	45.3	10.00	42.2	9.41
	5.0	4.1	54.3	10.89	51.3	10.47	48.2	10.12	46.6	9.66	45.3	9.33	42.2	8.79
	7.0	6	54.3	10.10	51.3	9.70	48.2	9.37	46.6	8.94	45.3	8.67	42.2	8.15
	9.0	7.9	54.3	9.12	51.3	8.75	48.2	8.46	46.6	8.07	45.3	7.83	42.2	7.36
	11.0	9.8	54.3	8.49	51.3	8.15	48.2	7.88	46.6	7.52	45.3	7.29	42.2	6.85
	13.0	11.8	54.3	7.95	51.3	7.62	48.2	7.37	46.6	7.04	45.3	6.82	42.2	6.42
	15.0	13.7	54.3	7.49	51.3	7.19	48.2	6.95	46.6	6.63	45.3	6.44	42.2	6.05
60	-24.8	-25	41.6	18.57	41.6	18.99	41.4	19.61	40.0	18.52	38.7	17.50	36.1	16.54
	-21.8	-22	44.6	19.19	44.2	19.61	41.4	18.52	40.0	17.50	38.7	16.54	36.1	15.63
	-19.8	-20	46.6	19.61	44.2	18.84	41.4	17.79	40.0	16.82	38.7	15.90	36.1	15.02
	-18.8	-19	46.6	19.22	44.2	18.45	41.4	17.42	40.0	16.47	38.7	15.59	36.1	14.71
	-16.7	-17	46.6	18.39	44.2	17.62	41.4	16.66	40.0	15.76	38.7	14.92	36.1	14.07
	-13.7	-15	46.6	17.19	44.2	16.46	41.4	15.56	40.0	14.74	38.7	13.97	36.1	13.16
	-11.8	-13	46.6	16.44	44.2	15.72	41.4	14.86	40.0	14.09	38.7	13.36	36.1	12.59
	-9.8	-11	46.6	15.64	44.2	14.94	41.4	14.14	40.0	13.41	38.7	12.72	36.1	11.97
	-9.5	-10	46.6	15.52	44.2	14.82	41.4	14.03	40.0	13.30	38.7	12.63	36.1	11.88
	-8.5	-9.1	46.6	15.12	44.2	14.44	41.4	13.66	40.0	12.97	38.7	12.30	36.1	11.58
	-7.0	-7.6	46.6	14.53	44.2	13.85	41.4	13.11	40.0	12.46	38.7	11.83	36.1	11.13
	-5.0	-5.6	46.6	13.73	44.2	13.07	41.4	12.39	40.0	11.78	38.7	11.20	36.1	10.51
	-3.0	-3.7	46.6	12.93	44.2	12.29	41.4	11.65	40.0	11.09	38.7	10.56	36.1	9.90
	0.0	-0.7	46.6	11.74	44.2	11.12	41.4	10.56	40.0	10.07	38.7	9.60	36.1	8.99
	3.0	2.2	46.6	10.55	44.2	9.95	41.4	9.46	40.0	9.05	38.7	8.65	36.1	8.08
	5.0	4.1	46.6	9.76	44.2	9.17	41.4	8.73	40.0	8.37	38.7	8.01	36.1	7.47
	7.0	6	46.6	8.96	44.2	8.39	41.4	8.00	40.0	7.69	38.7	7.38	36.1	6.85
	9.0	7.9	46.6	8.00	44.2	7.49	41.4	7.14	40.0	6.86	38.7	6.58	36.1	6.11
	11.0	9.8	46.6	7.47	44.2	6.99	41.4	6.66	40.0	6.40	38.7	6.15	36.1	5.72
	13.0	11.8	46.6	6.99	44.2	6.54	41.4	6.25	40.0	6.00	38.7	5.75	36.1	5.35
	15.0	13.7	46.6	6.61	44.2	6.19	41.4	5.90	40.0	5.67	38.7	5.44	36.1	5.06
50	-24.8	-25	38.9	16.71	36.7	17.33	34.5	16.34	33.4	15.41	32.3	14.54	30.1	13.74
	-21.8	-22	38.9	17.33	36.7	16.34	34.5	15.41	33.4	14.54	32.3	13.74	30.1	12.97
	-19.8	-20	38.9	16.63	36.7	15.67	34.5	14.79	33.4	13.96	32.3	13.20	30.1	12.45
	-18.8	-19	38.9	16.28	36.7	15.34	34.5	14.49	33.4	13.67	32.3	12.93	30.1	12.20
	-16.7	-17	38.9	15.55	36.7	14.65	34.5	13.84	33.4	13.06	32.3	12.36	30.1	11.66
	-13.7	-15	38.9	14.50	36.7	13.64	34.5	12.91	33.4	12.19	32.3	11.55	30.1	10.89
	-11.8	-13	38.9	13.83	36.7	13.01	34.5	12.32	33.4	11.64	32.3	11.05	30.1	10.41
	-9.8	-11	38.9	13.13	36.7	12.35	34.5	11.70	33.4	11.06	32.3	10.51	30.1	9.89
	-9.5	-10	38.9	13.02	36.7	12.25	34.5	11.61	33.4	10.97	32.3	10.44	30.1	9.82
	-8.5	-9.1	38.9	12.66	36.7	11.91	34.5	11.31	33.4	10.69	32.3	10.17	30.1	9.57
	-7.0	-7.6	38.9	12.14	36.7	11.42	34.5	10.84	33.4	10.25	32.3	9.76	30.1	9.18
	-5.0	-5.6	38.9	11.43	36.7	10.76	34.5	10.23	33.4	9.67	32.3	9.22	30.1	8.67
	-3.0	-3.7	38.9	10.73	36.7	10.09	34.5	9.60	33.4	9.09	32.3	8.68	30.1	8.16
	0.0	-0.7	38.9	9.68	36.7	9.09	34.5	8.68	33.4	8.22	32.3	7.88	30.1	7.39
	3.0	2.2	38.9	8.63	36.7	8.10	34.5	7.75	33.4	7.35	32.3	7.07	30.1	6.62
	5.0	4.1	38.9	7.93	36.7	7.43	34.5	7.13	33.4	6.77	32.3	6.53	30.1	6.11
	7.0	6	38.9	7.23	36.7	6.76	34.5	6.52	33.4	6.19	32.3	5.99	30.1	5.60
	9.0	7.9	38.9	6.52	36.7	6.11	34.5	5.89	33.4	5.59	32.3	5.42	30.1	5.05
	11.0	9.8	38.9	6.11	36.7	5.72	34.5	5.51	33.4	5.23	32.3	5.07	30.1	4.72
	13.0	11.8	38.9	5.73	36.7	5.37	34.5	5.17	33.4	4.91	32.3	4.76	30.1	4.44
	15.0	13.7	38.9	5.42	36.7	5.08	34.5	4.89	33.4	4.65	32.3	4.50	30.1	4.20

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM241LTE5

Heating Capacity (24HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	47.8	22.86	47.8	23.28	47.6	23.66	47.6	24.22	47.6	24.78	47.4	25.64
	-21.8	-22	56.8	23.72	56.8	24.14	56.4	24.52	56.4	25.08	56.4	25.64	56.2	26.48
	-19.8	-20	59.2	24.28	59.2	24.72	58.8	25.08	58.8	25.66	58.8	26.20	58.6	27.06
	-18.8	-19	60.6	24.58	60.6	25.00	60.2	25.38	60.2	25.94	60.2	26.48	60.0	27.34
	-16.7	-17	63.6	25.18	63.6	25.60	63.2	25.98	63.2	26.54	63.2	27.08	62.8	27.94
	-13.7	-15	67.8	26.04	67.8	26.46	67.4	26.84	67.4	27.40	67.4	27.94	67.0	26.64
	-11.8	-13	70.0	26.58	70.0	27.00	69.6	27.38	69.6	27.94	69.6	27.06	69.6	25.82
	-9.8	-11	72.4	27.14	72.4	27.58	71.8	27.94	71.8	26.98	71.8	26.12	71.8	24.96
	-9.5	-10	72.8	27.24	72.8	27.66	72.4	27.80	72.4	26.82	72.2	25.98	72.2	24.82
	-8.5	-9.1	74.6	27.52	74.6	27.94	74.2	27.28	74.2	26.34	73.4	25.50	73.4	24.38
	-7.0	-7.6	77.4	27.94	77.4	27.16	76.8	26.52	76.8	25.60	76.8	24.80	76.4	23.74
	-5.0	-5.6	81.0	26.90	81.0	26.14	80.4	25.48	80.4	24.62	80.4	23.86	79.0	22.86
	-3.0	-3.7	84.6	25.84	84.6	25.10	84.0	24.46	84.0	23.64	84.0	22.92	81.8	22.00
	0.0	-0.7	89.8	24.26	89.8	23.54	89.4	22.92	89.4	22.18	89.4	21.50	85.4	20.70
	3.0	2.2	95.2	22.68	95.2	21.98	94.6	21.38	94.6	20.72	91.6	20.08	85.4	19.40
	5.0	4.1	97.8	21.62	97.8	20.94	97.4	20.36	95.0	19.74	91.6	19.14	85.4	18.52
	7.0	6	97.8	20.56	97.8	19.90	97.4	19.32	95.0	18.76	91.6	18.20	85.4	17.66
	9.0	7.9	97.8	19.68	97.8	19.04	97.4	18.48	95.0	17.94	91.6	17.42	85.4	16.90
	11.0	9.8	97.8	18.94	97.8	18.32	97.4	17.80	95.0	17.28	91.6	16.76	85.4	16.26
	13.0	11.8	97.8	18.16	97.8	17.58	97.4	17.06	95.0	16.56	91.6	16.08	85.4	15.60
	15.0	13.7	97.8	17.34	97.8	16.78	97.4	16.28	95.0	15.82	91.6	15.34	85.4	14.88
120	-24.8	-25	47.6	23.28	47.6	23.66	47.2	24.22	47.2	24.78	47.2	25.64	47.0	26.24
	-21.8	-22	56.4	24.14	56.4	24.52	56.0	25.08	56.0	25.64	56.0	26.48	55.8	27.08
	-19.8	-20	58.8	24.72	58.8	25.08	58.4	25.66	58.4	26.20	58.4	27.06	58.2	27.66
	-18.8	-19	60.2	25.00	60.2	25.38	59.8	25.94	59.8	26.48	59.8	27.34	59.6	27.94
	-16.7	-17	63.2	25.60	63.2	25.98	62.8	26.54	62.8	27.08	62.8	27.94	62.4	27.12
	-13.7	-15	67.2	26.46	67.2	26.84	66.8	27.40	66.8	27.94	66.8	26.68	66.6	25.92
	-11.8	-13	69.4	27.00	69.4	27.38	69.0	27.94	69.0	27.04	69.0	25.88	69.0	25.16
	-9.8	-11	71.8	27.58	71.8	27.94	71.4	26.94	71.4	26.10	71.4	25.04	71.4	24.36
	-9.5	-10	72.4	27.66	72.4	27.78	72.0	26.80	72.0	25.96	72.0	24.92	72.0	24.24
	-8.5	-9.1	74.2	27.94	74.2	27.24	73.6	26.28	73.6	25.48	73.6	24.50	73.6	23.84
	-7.0	-7.6	76.8	27.12	76.8	26.44	76.4	25.54	76.4	24.78	76.0	23.86	75.8	23.24
	-5.0	-5.6	80.4	26.02	80.4	25.36	79.8	24.54	79.8	23.82	79.8	23.02	78.6	22.44
	-3.0	-3.7	84.0	24.92	84.0	24.28	83.4	23.52	83.4	22.88	83.4	22.18	80.2	21.64
	0.0	-0.7	89.2	23.26	89.2	22.66	88.6	22.02	88.6	21.46	86.2	20.92	80.2	20.44
	3.0	2.2	94.6	21.60	94.6	21.04	92.2	20.52	89.0	20.04	86.2	19.66	80.2	19.26
	5.0	4.1	97.0	20.50	96.0	19.96	92.2	19.50	89.0	19.10	86.2	18.82	80.2	18.46
	7.0	6	97.0	19.40	96.0	18.88	92.2	18.50	89.0	18.14	86.2	17.98	80.2	17.66
	9.0	7.9	97.0	18.52	96.0	18.02	92.2	17.68	89.0	17.34	86.2	17.18	80.2	16.86
	11.0	9.8	97.0	17.82	96.0	17.32	92.2	16.98	89.0	16.66	86.2	16.50	80.2	16.22
	13.0	11.8	97.0	17.06	96.0	16.58	92.2	16.26	89.0	15.96	86.2	15.80	80.2	15.52
	15.0	13.7	97.0	16.24	96.0	15.80	92.2	15.50	89.0	15.20	86.2	15.06	80.2	14.78
110	-24.8	-25	47.2	23.66	47.2	24.22	47.0	24.78	47.0	25.64	47.0	26.24	46.8	26.52
	-21.8	-22	56.2	24.52	56.2	25.08	55.8	25.64	55.8	26.48	55.8	27.08	55.6	27.38
	-19.8	-20	58.4	25.08	58.4	25.66	58.2	26.20	58.2	27.06	58.2	27.66	57.8	27.94
	-18.8	-19	59.8	25.38	59.8	25.94	59.4	26.48	59.4	27.34	59.4	27.94	59.2	27.52
	-16.7	-17	62.8	25.98	62.8	26.54	62.4	27.08	62.4	27.94	62.4	27.06	62.0	26.62
	-13.7	-15	67.0	26.84	67.0	27.40	66.4	27.94	66.4	26.60	66.4	25.78	66.4	25.34
	-11.8	-13	69.2	27.38	69.2	27.94	68.6	26.98	68.6	25.74	68.6	24.98	68.6	24.54
	-9.8	-11	71.4	27.94	71.4	26.86	71.0	25.98	71.0	24.84	71.0	24.14	71.0	23.68
	-9.5	-10	72.0	27.76	72.0	26.68	71.6	25.82	71.6	24.70	71.6	24.02	71.6	23.54
	-8.5	-9.1	73.8	27.18	73.8	26.14	73.2	25.32	73.2	24.24	73.2	23.58	72.2	23.12
	-7.0	-7.6	76.4	26.28	76.4	25.32	76.0	24.56	76.0	23.56	76.0	22.96	72.2	22.48
	-5.0	-5.6	80.0	25.08	80.0	24.22	79.4	23.54	79.4	22.66	77.2	22.10	72.2	21.62
	-3.0	-3.7	83.4	23.90	83.4	23.14	82.6	22.52	80.0	21.76	77.2	21.26	72.2	20.78
	0.0	-0.7	88.8	22.10	88.0	21.50	82.6	21.00	80.0	20.40	77.2	20.00	72.2	19.50
	3.0	2.2	93.2	20.32	88.0	19.84	82.6	19.48	80.0	19.06	77.2	18.72	72.2	18.22
	5.0	4.1	93.2	19.12	88.0	18.76	82.6	18.48	80.0	18.16	77.2	17.88	72.2	17.36
	7.0	6	93.2	17.92	88.0	17.66	82.6	17.46	80.0	17.24	77.2	17.02	72.2	16.50
	9.0	7.9	93.2	17.06	88.0	16.80	82.6	16.62	80.0	16.42	77.2	16.20	72.2	15.70
	11.0	9.8	93.2	16.32	88.0	16.08	82.6	15.90	80.0	15.70	77.2	15.50	72.2	15.02
	13.0	11.8	93.2	15.54	88.0	15.32	82.6	15.14	80.0	14.96	77.2	14.76	72.2	14.32
	15.0	13.7	93.2	14.74	88.0	14.52	82.6	14.34	80.0	14.18	77.2	14.00	72.2	13.56

7. Capacity Tables

Heating Capacity (24HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	47.0	26.68	47.0	26.84	46.8	25.86	46.8	27.26	46.8	27.44	46.6	27.52
	-21.8	-22	55.8	26.94	55.8	27.10	55.6	26.68	55.6	27.52	55.6	28.12	55.2	27.78
	-19.8	-20	58.2	27.10	58.2	27.26	57.8	27.22	57.8	27.68	57.8	28.00	57.6	27.94
	-18.8	-19	59.6	27.18	59.2	27.36	59.2	27.52	59.2	27.76	59.2	27.94	59.0	27.44
	-16.7	-17	62.2	27.36	62.2	27.54	62.2	28.12	61.8	27.94	61.8	26.90	61.4	26.40
	-13.7	-15	66.6	27.62	66.6	27.78	66.2	27.94	66.2	26.42	66.2	25.42	66.0	24.90
	-11.8	-13	68.8	27.78	68.4	27.94	68.4	26.90	68.4	25.44	68.4	24.46	66.0	23.94
	-9.8	-11	71.0	27.94	71.0	26.76	70.8	25.80	70.8	24.42	70.8	23.48	66.0	22.94
	-9.5	-10	71.6	27.76	71.6	26.58	71.2	25.62	71.2	24.26	70.8	23.32	66.0	22.80
	-8.5	-9.1	73.4	27.12	73.4	26.00	73.0	25.08	73.2	23.74	70.8	22.82	66.0	22.30
	-7.0	-7.6	77.2	26.18	77.0	25.10	75.6	24.24	73.2	22.98	70.8	22.08	66.0	21.54
	-5.0	-5.6	80.6	24.92	79.8	23.92	75.6	23.14	73.2	21.96	70.8	21.08	66.0	20.54
	-3.0	-3.7	83.0	23.66	80.4	22.74	75.6	22.04	73.2	20.92	70.8	20.10	66.0	19.54
	0.0	-0.7	85.2	21.78	80.4	20.96	75.6	20.38	73.2	19.40	70.8	18.60	66.0	18.04
	3.0	2.2	85.2	19.88	80.4	19.18	75.6	18.72	73.2	17.86	70.8	17.12	66.0	16.54
	5.0	4.1	85.2	18.62	80.4	18.00	75.6	17.62	73.2	16.82	70.8	16.12	66.0	15.54
	7.0	6	85.2	17.36	80.4	16.82	75.6	16.52	73.2	15.80	70.8	15.12	66.0	14.54
	9.0	7.9	85.2	16.34	80.4	15.82	75.6	15.54	73.2	14.88	70.8	14.24	66.0	13.68
	11.0	9.8	85.2	15.44	80.4	14.96	75.6	14.70	73.2	14.06	70.8	13.46	66.0	12.94
	13.0	11.8	85.2	14.50	80.4	14.04	75.6	13.80	73.2	13.20	70.8	12.64	66.0	12.14
	15.0	13.7	85.2	13.52	80.4	13.08	75.6	12.86	73.2	12.30	70.8	11.78	66.0	11.32
90	-24.8	-25	46.8	23.48	46.8	24.34	46.6	24.94	46.6	25.22	46.6	25.80	46.4	26.66
	-21.8	-22	55.6	24.34	55.6	25.20	55.4	25.80	55.4	26.08	55.4	26.66	55.0	25.38
	-19.8	-20	58.0	24.92	58.0	25.76	57.6	26.36	57.6	26.66	57.6	25.78	57.4	24.54
	-18.8	-19	59.6	25.20	59.2	26.06	59.0	26.66	59.0	26.20	59.0	25.34	58.8	24.12
	-16.7	-17	62.2	25.80	62.2	26.66	61.8	25.70	61.8	25.24	61.8	24.42	60.2	23.24
	-13.7	-15	66.6	26.66	66.6	25.22	66.0	24.34	66.0	23.88	64.8	23.10	60.2	21.96
	-11.8	-13	68.8	25.66	68.4	24.32	68.2	23.48	67.0	23.02	64.8	22.26	60.2	21.16
	-9.8	-11	71.0	24.62	71.0	23.38	69.2	22.58	67.0	22.10	64.8	21.40	60.2	20.32
	-9.5	-10	71.6	24.46	71.6	23.22	69.2	22.44	67.0	21.96	64.8	21.26	60.2	20.20
	-8.5	-9.1	73.4	23.94	72.8	22.76	69.2	21.98	67.0	21.50	64.8	20.82	60.2	19.76
	-7.0	-7.6	77.2	23.16	73.4	22.04	69.2	21.30	67.0	20.82	64.8	20.16	60.2	19.14
	-5.0	-5.6	78.0	22.12	73.4	21.08	69.2	20.40	67.0	19.92	64.8	19.28	60.2	18.30
	-3.0	-3.7	78.0	21.08	73.4	20.14	69.2	19.50	67.0	19.00	64.8	18.40	60.2	17.44
	0.0	-0.7	78.0	19.52	73.4	18.70	69.2	18.14	67.0	17.64	64.8	17.10	60.2	16.18
	3.0	2.2	78.0	17.94	73.4	17.28	69.2	16.78	67.0	16.28	64.8	15.78	60.2	14.92
	5.0	4.1	78.0	16.90	73.4	16.32	69.2	15.86	67.0	15.36	64.8	14.90	60.2	14.06
	7.0	6	78.0	15.86	73.4	15.38	69.2	14.96	67.0	14.46	64.8	14.02	60.2	13.22
	9.0	7.9	78.0	14.90	73.4	14.44	69.2	14.06	67.0	13.58	64.8	13.18	60.2	12.42
	11.0	9.8	78.0	13.94	73.4	13.52	69.2	13.14	67.0	12.70	64.8	12.32	60.2	11.62
	13.0	11.8	78.0	12.98	73.4	12.58	69.2	12.24	67.0	11.82	64.8	11.48	60.2	10.82
	15.0	13.7	78.0	12.02	73.4	11.64	69.2	11.34	67.0	10.94	64.8	10.62	60.2	10.02
80	-24.8	-25	46.6	20.46	46.6	21.32	46.4	21.92	46.4	22.20	46.4	23.64	46.2	22.52
	-21.8	-22	55.0	21.32	55.0	22.18	55.0	22.78	55.0	23.64	55.0	22.52	53.8	21.46
	-19.8	-20	57.4	21.90	57.4	22.74	57.4	23.64	57.4	22.84	57.4	21.78	53.8	20.76
	-18.8	-19	58.8	22.18	58.8	23.64	58.8	23.22	58.8	22.44	57.8	21.40	53.8	20.40
	-16.7	-17	61.8	23.64	61.8	22.78	61.8	22.38	60.0	21.62	57.8	20.62	53.8	19.66
	-13.7	-15	64.6	22.36	63.4	21.56	61.8	21.16	60.0	20.42	57.8	19.50	53.8	18.60
	-11.8	-13	66.4	21.54	64.4	20.78	61.8	20.38	60.0	19.66	57.8	18.80	53.8	17.92
	-9.8	-11	68.2	20.68	65.4	19.96	61.8	19.56	60.0	18.88	57.8	18.06	53.8	17.22
	-9.5	-10	68.6	20.56	65.6	19.84	61.8	19.44	60.0	18.76	57.8	17.94	53.8	17.10
	-8.5	-9.1	69.4	20.14	66.0	19.44	61.8	19.04	60.0	18.36	57.8	17.56	53.8	16.76
	-7.0	-7.6	70.0	19.50	66.0	18.82	61.8	18.42	60.0	17.76	57.8	17.02	53.8	16.22
	-5.0	-5.6	70.0	18.64	66.0	18.02	61.8	17.62	60.0	16.96	57.8	16.26	53.8	15.52
	-3.0	-3.7	70.0	17.78	66.0	17.20	61.8	16.80	60.0	16.18	57.8	15.52	53.8	14.80
	0.0	-0.7	70.0	16.50	66.0	15.98	61.8	15.58	60.0	14.98	57.8	14.40	53.8	13.74
	3.0	2.2	70.0	15.22	66.0	14.74	61.8	14.36	60.0	13.78	57.8	13.28	53.8	12.68
	5.0	4.1	70.0	14.36	66.0	13.94	61.8	13.54	60.0	13.00	57.8	12.54	53.8	11.98
	7.0	6	70.0	13.52	66.0	13.12	61.8	12.74	60.0	12.20	57.8	11.80	53.8	11.26
	9.0	7.9	70.0	12.68	66.0	12.32	61.8	11.96	60.0	11.46	57.8	11.08	53.8	10.58
	11.0	9.8	70.0	11.78	66.0	11.44	61.8	11.10	60.0	10.64	57.8	10.28	53.8	9.82
	13.0	11.8	70.0	11.00	66.0	10.68	61.8	10.36	60.0	9.92	57.8	9.60	53.8	9.16
	15.0	13.7	70.0	10.34	66.0	10.04	61.8	9.74	60.0	9.34	57.8	9.04	53.8	8.62

7. Capacity Tables

Heating Capacity (24HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	46.6	21.06	46.6	21.34	46.4	21.92	46.4	22.78	46.4	21.62	46.0	20.52
	-21.8	-22	53.0	21.92	53.0	22.20	52.6	22.78	50.8	21.62	49.4	20.52	46.0	19.48
	-19.8	-20	57.2	22.50	56.0	22.78	52.6	21.96	50.8	20.84	49.4	19.80	46.0	18.80
	-18.8	-19	58.8	22.78	56.0	22.34	52.6	21.54	50.8	20.44	49.4	19.44	46.0	18.44
	-16.7	-17	59.2	21.88	56.0	21.44	52.6	20.68	50.8	19.64	49.4	18.68	46.0	17.72
	-13.7	-15	59.2	20.60	56.0	20.16	52.6	19.44	50.8	18.46	49.4	17.60	46.0	16.68
	-11.8	-13	59.2	19.78	56.0	19.34	52.6	18.66	50.8	17.72	49.4	16.90	46.0	16.02
	-9.8	-11	59.2	18.94	56.0	18.50	52.6	17.84	50.8	16.94	49.4	16.18	46.0	15.32
	-9.5	-10	59.2	18.80	56.0	18.36	52.6	17.72	50.8	16.84	49.4	16.08	46.0	15.22
	-8.5	-9.1	59.2	18.38	56.0	17.94	52.6	17.30	50.8	16.44	49.4	15.72	46.0	14.88
	-7.0	-7.6	59.2	17.74	56.0	17.30	52.6	16.68	50.8	15.86	49.4	15.18	46.0	14.36
	-5.0	-5.6	59.2	16.88	56.0	16.44	52.6	15.86	50.8	15.08	49.4	14.44	46.0	13.66
	-3.0	-3.7	59.2	16.04	56.0	15.58	52.6	15.04	50.8	14.30	49.4	13.72	46.0	12.96
	0.0	-0.7	59.2	14.76	56.0	14.30	52.6	13.80	50.8	13.14	49.4	12.64	46.0	11.92
	3.0	2.2	59.2	13.48	56.0	13.00	52.6	12.56	50.8	11.98	49.4	11.56	46.0	10.88
	5.0	4.1	59.2	12.62	56.0	12.14	52.6	11.74	50.8	11.20	49.4	10.82	46.0	10.20
	7.0	6	59.2	11.76	56.0	11.30	52.6	10.92	50.8	10.42	49.4	10.10	46.0	9.50
	9.0	7.9	59.2	10.62	56.0	10.20	52.6	9.86	50.8	9.40	49.4	9.12	46.0	8.58
	11.0	9.8	59.2	9.90	56.0	9.50	52.6	9.18	50.8	8.76	49.4	8.50	46.0	7.98
	13.0	11.8	59.2	9.26	56.0	8.88	52.6	8.58	50.8	8.20	49.4	7.94	46.0	7.48
	15.0	13.7	59.2	8.72	56.0	8.38	52.6	8.10	50.8	7.72	49.4	7.50	46.0	7.04
60	-24.8	-25	45.4	20.48	45.4	21.06	45.2	21.92	43.6	20.74	42.2	19.62	39.4	18.58
	-21.8	-22	48.6	21.34	48.2	21.92	45.2	20.74	43.6	19.62	42.2	18.58	39.4	17.58
	-19.8	-20	50.8	21.92	48.2	21.08	45.2	19.94	43.6	18.88	42.2	17.88	39.4	16.92
	-18.8	-19	50.8	21.50	48.2	20.66	45.2	19.54	43.6	18.50	42.2	17.54	39.4	16.58
	-16.7	-17	50.8	20.60	48.2	19.76	45.2	18.72	43.6	17.74	42.2	16.82	39.4	15.88
	-13.7	-15	50.8	19.30	48.2	18.50	45.2	17.52	43.6	16.62	42.2	15.78	39.4	14.88
	-11.8	-13	50.8	18.50	48.2	17.70	45.2	16.76	43.6	15.92	42.2	15.12	39.4	14.26
	-9.8	-11	50.8	17.64	48.2	16.86	45.2	15.98	43.6	15.18	42.2	14.42	39.4	13.58
	-9.5	-10	50.8	17.50	48.2	16.74	45.2	15.86	43.6	15.06	42.2	14.32	39.4	13.48
	-8.5	-9.1	50.8	17.08	48.2	16.32	45.2	15.46	43.6	14.70	42.2	13.96	39.4	13.16
	-7.0	-7.6	50.8	16.44	48.2	15.68	45.2	14.86	43.6	14.14	42.2	13.44	39.4	12.66
	-5.0	-5.6	50.8	15.58	48.2	14.84	45.2	14.08	43.6	13.40	42.2	12.76	39.4	11.98
	-3.0	-3.7	50.8	14.72	48.2	14.00	45.2	13.28	43.6	12.66	42.2	12.06	39.4	11.32
	0.0	-0.7	50.8	13.44	48.2	12.72	45.2	12.10	43.6	11.54	42.2	11.02	39.4	10.32
	3.0	2.2	50.8	12.16	48.2	11.46	45.2	10.90	43.6	10.44	42.2	9.98	39.4	9.32
	5.0	4.1	50.8	11.30	48.2	10.62	45.2	10.12	43.6	9.70	42.2	9.28	39.4	8.66
	7.0	6	50.8	10.44	48.2	9.78	45.2	9.32	43.6	8.96	42.2	8.60	39.4	7.98
	9.0	7.9	50.8	9.32	48.2	8.72	45.2	8.32	43.6	8.00	42.2	7.66	39.4	7.12
	11.0	9.8	50.8	8.70	48.2	8.14	45.2	7.76	43.6	7.46	42.2	7.16	39.4	6.66
	13.0	11.8	50.8	8.14	48.2	7.62	45.2	7.28	43.6	7.00	42.2	6.70	39.4	6.24
	15.0	13.7	50.8	7.70	48.2	7.22	45.2	6.88	43.6	6.60	42.2	6.34	39.4	5.90
50	-24.8	-25	42.4	18.76	40.0	19.62	37.6	18.52	36.4	17.48	35.2	16.52	32.8	15.62
	-21.8	-22	42.4	19.62	40.0	18.52	37.6	17.48	36.4	16.52	35.2	15.62	32.8	14.76
	-19.8	-20	42.4	18.84	40.0	17.78	37.6	16.80	36.4	15.86	35.2	15.02	32.8	14.18
	-18.8	-19	42.4	18.46	40.0	17.40	37.6	16.46	36.4	15.54	35.2	14.72	32.8	13.90
	-16.7	-17	42.4	17.64	40.0	16.64	37.6	15.74	36.4	14.86	35.2	14.08	32.8	13.30
	-13.7	-15	42.4	16.48	40.0	15.52	37.6	14.70	36.4	13.90	35.2	13.18	32.8	12.44
	-11.8	-13	42.4	15.74	40.0	14.82	37.6	14.04	36.4	13.28	35.2	12.62	32.8	11.90
	-9.8	-11	42.4	14.96	40.0	14.08	37.6	13.36	36.4	12.64	35.2	12.02	32.8	11.32
	-9.5	-10	42.4	14.84	40.0	13.98	37.6	13.26	36.4	12.54	35.2	11.94	32.8	11.24
	-8.5	-9.1	42.4	14.44	40.0	13.60	37.6	12.92	36.4	12.22	35.2	11.64	32.8	10.96
	-7.0	-7.6	42.4	13.86	40.0	13.06	37.6	12.40	36.4	11.74	35.2	11.18	32.8	10.52
	-5.0	-5.6	42.4	13.08	40.0	12.32	37.6	11.72	36.4	11.08	35.2	10.58	32.8	9.96
	-3.0	-3.7	42.4	12.30	40.0	11.58	37.6	11.02	36.4	10.44	35.2	9.98	32.8	9.38
	0.0	-0.7	42.4	11.14	40.0	10.46	37.6	10.00	36.4	9.48	35.2	9.08	32.8	8.52
	3.0	2.2	42.4	9.98	40.0	9.36	37.6	8.96	36.4	8.50	35.2	8.18	32.8	7.66
	5.0	4.1	42.4	9.20	40.0	8.62	37.6	8.28	36.4	7.86	35.2	7.58	32.8	7.10
	7.0	6	42.4	8.42	40.0	7.88	37.6	7.60	36.4	7.22	35.2	6.98	32.8	6.52
	9.0	7.9	42.4	7.60	40.0	7.12	37.6	6.86	36.4	6.52	35.2	6.32	32.8	5.88
	11.0	9.8	42.4	7.12	40.0	6.66	37.6	6.42	36.4	6.10	35.2	5.90	32.8	5.50
	13.0	11.8	42.4	6.68	40.0	6.26	37.6	6.02	36.4	5.72	35.2	5.54	32.8	5.18
	15.0	13.7	42.4	6.32	40.0	5.92	37.6	5.70	36.4	5.42	35.2	5.24	32.8	4.90

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM261LTE5

Heating Capacity (26HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	51.2	24.50	51.2	24.84	51.0	25.15	51.0	25.61	51.0	26.06	50.3	26.76
	-21.8	-22	61.7	25.20	61.7	25.54	61.2	25.85	61.2	26.31	61.2	26.76	60.5	27.45
	-19.8	-20	64.7	25.66	64.7	26.01	64.3	26.31	64.3	26.78	64.3	27.22	63.5	27.92
	-18.8	-19	66.2	25.90	66.2	26.24	65.8	26.55	65.8	27.01	65.8	27.45	65.0	28.15
	-16.7	-17	69.5	26.39	69.5	26.73	69.0	27.04	69.0	27.50	69.0	27.94	68.1	28.64
	-13.7	-15	74.0	27.09	74.0	27.43	73.6	27.74	73.6	28.20	73.6	28.64	72.6	27.45
	-11.8	-13	76.4	27.53	76.4	27.87	76.0	28.18	76.0	28.64	76.0	27.84	75.4	26.70
	-9.8	-11	79.0	27.99	79.0	28.34	78.4	28.64	78.4	27.78	78.4	26.99	78.1	25.91
	-9.5	-10	79.5	28.07	79.5	28.41	79.0	28.51	79.0	27.64	78.9	26.86	78.6	25.78
	-8.5	-9.1	81.2	28.30	81.2	28.64	80.7	28.06	80.7	27.20	80.1	26.43	80.0	25.38
	-7.0	-7.6	83.8	28.64	83.8	27.97	83.2	27.38	83.2	26.54	83.2	25.79	82.7	24.79
	-5.0	-5.6	87.3	27.75	87.3	27.07	86.7	26.47	86.7	25.67	86.7	24.94	85.6	23.99
	-3.0	-3.7	90.7	26.86	90.7	26.17	90.1	25.57	90.1	24.79	90.1	24.09	88.6	23.20
	0.0	-0.7	95.8	25.52	95.8	24.82	95.3	24.21	95.3	23.48	95.3	22.80	92.5	22.01
	3.0	2.2	101.0	24.18	101.0	23.47	100.3	22.85	100.3	22.17	98.8	21.52	92.5	20.81
	5.0	4.1	103.9	23.28	103.9	22.56	103.4	21.95	102.2	21.30	99.3	20.67	92.5	20.01
	7.0	6	105.6	22.38	105.6	21.66	105.0	21.03	102.9	20.42	99.3	19.81	92.5	19.22
	9.0	7.9	105.9	21.64	105.9	20.94	105.5	20.33	102.9	19.74	99.3	19.16	92.5	18.58
	11.0	9.8	105.9	21.07	105.9	20.39	105.5	19.80	102.9	19.23	99.3	18.65	92.5	18.09
	13.0	11.8	105.9	20.47	105.9	19.81	105.5	19.23	102.9	18.67	99.3	18.12	92.5	17.58
	15.0	13.7	105.9	19.83	105.9	19.19	105.5	18.63	102.9	18.09	99.3	17.55	92.5	17.02
120	-24.8	-25	50.9	24.84	50.9	25.15	50.6	25.61	50.6	26.06	50.6	26.76	49.9	27.25
	-21.8	-22	61.2	25.54	61.2	25.85	60.8	26.31	60.8	26.76	60.8	27.45	60.1	27.94
	-19.8	-20	64.2	26.01	64.2	26.31	63.8	26.78	63.8	27.22	63.8	27.92	63.0	28.41
	-18.8	-19	65.8	26.24	65.8	26.55	65.3	27.01	65.3	27.45	65.3	28.15	64.5	28.64
	-16.7	-17	69.0	26.73	69.0	27.04	68.6	27.50	68.6	27.94	68.6	28.64	67.6	27.88
	-13.7	-15	73.4	27.43	73.4	27.74	73.0	28.20	73.0	28.64	73.0	27.49	72.1	26.78
	-11.8	-13	75.8	27.87	75.8	28.18	75.4	28.64	75.4	27.82	75.4	26.76	74.8	26.09
	-9.8	-11	78.4	28.34	78.4	28.64	77.9	27.74	77.9	26.97	77.9	26.00	77.6	25.36
	-9.5	-10	79.0	28.41	79.0	28.50	78.5	27.61	78.5	26.84	78.5	25.89	78.2	25.25
	-8.5	-9.1	80.7	28.64	80.7	28.02	80.1	27.15	80.1	26.41	80.1	25.50	79.8	24.88
	-7.0	-7.6	83.2	27.92	83.2	27.30	82.7	26.48	82.7	25.77	82.5	24.93	82.1	24.33
	-5.0	-5.6	86.6	26.95	86.6	26.33	86.0	25.57	86.0	24.90	86.0	24.16	85.1	23.60
	-3.0	-3.7	90.1	25.98	90.1	25.37	89.5	24.66	89.5	24.05	89.5	23.39	86.9	22.87
	0.0	-0.7	95.1	24.52	95.1	23.92	94.5	23.31	94.5	22.76	93.3	22.25	86.9	21.77
	3.0	2.2	100.3	23.05	100.3	22.47	98.7	21.95	96.5	21.47	93.4	21.10	86.9	20.68
	5.0	4.1	103.1	22.08	102.6	21.51	99.8	21.04	96.5	20.61	93.4	20.33	86.9	19.95
	7.0	6	104.8	21.11	103.9	20.55	99.8	20.14	96.5	19.75	93.4	19.57	86.9	19.22
	9.0	7.9	105.0	20.36	103.9	19.81	99.8	19.43	96.5	19.06	93.4	18.88	86.9	18.53
	11.0	9.8	105.0	19.80	103.9	19.25	99.8	18.87	96.5	18.51	93.4	18.34	86.9	18.02
	13.0	11.8	105.0	19.19	103.9	18.66	99.8	18.29	96.5	17.95	93.4	17.77	86.9	17.46
	15.0	13.7	105.0	18.53	103.9	18.02	99.8	17.68	96.5	17.34	93.4	17.17	86.9	16.86
110	-24.8	-25	50.6	25.15	50.6	25.61	50.3	26.06	50.3	26.76	50.3	27.25	49.7	27.48
	-21.8	-22	60.9	25.85	60.9	26.31	60.5	26.76	60.5	27.45	60.5	27.94	59.8	28.18
	-19.8	-20	63.9	26.31	63.9	26.78	63.5	27.22	63.5	27.92	63.5	28.41	62.7	28.64
	-18.8	-19	65.4	26.55	65.4	27.01	64.9	27.45	64.9	28.15	64.9	28.64	64.2	28.25
	-16.7	-17	68.6	27.04	68.6	27.50	68.2	27.94	68.2	28.64	68.2	27.82	67.2	27.41
	-13.7	-15	73.1	27.74	73.1	28.20	72.6	28.64	72.6	27.40	72.6	26.64	72.6	26.21
	-11.8	-13	75.5	28.18	75.5	28.64	75.0	27.76	75.0	26.61	75.0	25.90	75.0	25.46
	-9.8	-11	78.0	28.64	78.0	27.65	77.5	26.83	77.5	25.77	77.5	25.12	77.5	24.66
	-9.5	-10	78.5	28.48	78.5	27.49	78.1	26.69	78.1	25.65	78.1	25.00	77.9	24.53
	-8.5	-9.1	80.2	27.94	80.2	26.99	79.7	26.23	79.7	25.23	79.7	24.60	78.2	24.14
	-7.0	-7.6	82.8	27.12	82.8	26.24	82.3	25.53	82.3	24.60	82.3	24.02	78.2	23.54
	-5.0	-5.6	86.2	26.03	86.2	25.23	85.6	24.59	85.6	23.77	83.7	23.23	78.2	22.74
	-3.0	-3.7	89.5	24.95	89.5	24.24	88.8	23.66	86.6	22.94	83.7	22.45	78.2	21.95
	0.0	-0.7	94.7	23.32	94.3	22.73	89.5	22.26	86.6	21.68	83.7	21.28	78.2	20.76
	3.0	2.2	99.3	21.69	95.4	21.22	89.5	20.86	86.6	20.44	83.7	20.10	78.2	19.56
	5.0	4.1	100.9	20.60	95.4	20.23	89.5	19.94	86.6	19.61	83.7	19.32	78.2	18.76
	7.0	6	101.0	19.51	95.4	19.22	89.5	19.00	86.6	18.77	83.7	18.53	78.2	17.96
	9.0	7.9	101.0	18.74	95.4	18.46	89.5	18.26	86.6	18.04	83.7	17.80	78.2	17.25
	11.0	9.8	101.0	18.13	95.4	17.86	89.5	17.66	86.6	17.44	83.7	17.22	78.2	16.68
	13.0	11.8	101.0	17.47	95.4	17.22	89.5	17.02	86.6	16.81	83.7	16.59	78.2	16.09
	15.0	13.7	101.0	16.79	95.4	16.54	89.5	16.34	86.6	16.15	83.7	15.95	78.2	15.45

7. Capacity Tables

Heating Capacity (26HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	50.4	28.01	50.4	28.09	50.1	26.80	50.1	28.30	50.1	28.39	49.5	28.43
	-21.8	-22	60.6	28.14	60.6	28.22	60.3	27.64	60.3	28.43	60.3	28.92	59.5	28.56
	-19.8	-20	63.6	28.22	63.6	28.30	63.2	28.19	63.2	28.51	63.2	28.73	62.4	28.64
	-18.8	-19	65.1	28.26	64.7	28.35	64.7	28.43	64.7	28.55	64.7	28.64	63.9	28.16
	-16.7	-17	67.9	28.35	67.9	28.44	67.9	28.92	67.5	28.64	67.5	27.65	66.6	27.16
	-13.7	-15	72.7	28.48	72.7	28.56	72.3	28.64	72.3	27.20	72.3	26.24	71.5	25.73
	-11.8	-13	75.1	28.56	74.7	28.64	74.7	27.67	74.7	26.28	74.7	25.33	71.5	24.82
	-9.8	-11	77.6	28.64	77.6	27.54	77.2	26.64	77.2	25.32	76.7	24.40	71.5	23.86
	-9.5	-10	78.1	28.47	78.1	27.38	77.7	26.48	77.7	25.17	76.7	24.25	71.5	23.72
	-8.5	-9.1	79.8	27.89	79.8	26.83	79.4	25.97	79.3	24.68	76.7	23.78	71.5	23.24
	-7.0	-7.6	83.7	27.02	83.4	26.00	81.9	25.19	79.3	23.96	76.7	23.07	71.5	22.52
	-5.0	-5.6	87.3	25.86	86.5	24.90	81.9	24.16	79.3	23.00	76.7	22.12	71.5	21.56
	-3.0	-3.7	89.9	24.70	87.1	23.80	81.9	23.13	79.3	22.03	76.7	21.19	71.5	20.61
	0.0	-0.7	92.3	22.96	87.1	22.15	81.9	21.58	79.3	20.59	76.7	19.76	71.5	19.17
	3.0	2.2	92.3	21.21	87.1	20.50	81.9	20.04	79.3	19.14	76.7	18.35	71.5	17.74
	5.0	4.1	92.3	20.05	87.1	19.40	81.9	19.01	79.3	18.16	76.7	17.40	71.5	16.78
	7.0	6	92.3	18.89	87.1	18.30	81.9	17.98	79.3	17.20	76.7	16.46	71.5	15.83
	9.0	7.9	92.3	17.99	87.1	17.42	81.9	17.12	79.3	16.38	76.7	15.67	71.5	15.07
	11.0	9.8	92.3	17.23	87.1	16.69	81.9	16.40	79.3	15.69	76.7	15.01	71.5	14.44
	13.0	11.8	92.3	16.43	87.1	15.91	81.9	15.63	79.3	14.96	76.7	14.31	71.5	13.76
	15.0	13.7	92.3	15.59	87.1	15.09	81.9	14.83	79.3	14.19	76.7	13.58	71.5	13.05
90	-24.8	-25	50.2	24.83	50.2	25.53	49.9	26.02	49.9	26.25	49.9	26.72	49.3	27.42
	-21.8	-22	60.4	25.53	60.4	26.23	60.1	26.72	60.1	26.95	60.1	27.42	59.2	26.18
	-19.8	-20	63.4	26.00	63.4	26.69	63.0	27.18	63.0	27.42	63.0	26.57	62.2	25.37
	-18.8	-19	65.1	26.23	64.7	26.93	64.5	27.42	64.5	26.98	64.5	26.15	63.7	24.96
	-16.7	-17	67.9	26.72	67.9	27.42	67.5	26.51	67.5	26.06	67.5	25.27	65.2	24.10
	-13.7	-15	72.7	27.42	72.7	26.06	72.1	25.21	72.1	24.76	70.2	24.00	65.2	22.87
	-11.8	-13	75.1	26.48	74.7	25.21	74.4	24.40	72.6	23.93	70.2	23.19	65.2	22.09
	-9.8	-11	77.6	25.50	77.6	24.31	75.0	23.54	72.6	23.06	70.2	22.36	65.2	21.27
	-9.5	-10	78.1	25.35	78.1	24.17	75.0	23.40	72.6	22.92	70.2	22.23	65.2	21.15
	-8.5	-9.1	79.8	24.87	79.2	23.72	75.0	22.97	72.6	22.48	70.2	21.80	65.2	20.74
	-7.0	-7.6	83.7	24.13	79.6	23.05	75.0	22.32	72.6	21.83	70.2	21.17	65.2	20.13
	-5.0	-5.6	84.6	23.15	79.6	22.14	75.0	21.46	72.6	20.96	70.2	20.32	65.2	19.31
	-3.0	-3.7	84.6	22.17	79.6	21.24	75.0	20.60	72.6	20.09	70.2	19.48	65.2	18.48
	0.0	-0.7	84.6	20.70	79.6	19.89	75.0	19.31	72.6	18.78	70.2	18.22	65.2	17.26
	3.0	2.2	84.6	19.22	79.6	18.54	75.0	18.01	72.6	17.48	70.2	16.95	65.2	16.03
	5.0	4.1	84.6	18.24	79.6	17.63	75.0	17.14	72.6	16.60	70.2	16.11	65.2	15.21
	7.0	6	84.6	17.26	79.6	16.74	75.0	16.28	72.6	15.73	70.2	15.26	65.2	14.39
	9.0	7.9	84.6	16.35	79.6	15.84	75.0	15.42	72.6	14.90	70.2	14.46	65.2	13.63
	11.0	9.8	84.6	15.43	79.6	14.96	75.0	14.55	72.6	14.06	70.2	13.64	65.2	12.86
	13.0	11.8	84.6	14.52	79.6	14.07	75.0	13.69	72.6	13.22	70.2	12.84	65.2	12.10
	15.0	13.7	84.6	13.60	79.6	13.18	75.0	12.83	72.6	12.39	70.2	12.02	65.2	11.34
80	-24.8	-25	50.0	21.72	50.0	22.42	49.7	22.91	49.7	23.14	49.7	24.31	49.1	23.23
	-21.8	-22	59.7	22.42	59.7	23.12	59.7	23.61	59.7	24.31	59.7	23.23	58.3	22.20
	-19.8	-20	62.7	22.89	62.7	23.58	62.7	24.31	62.7	23.54	62.4	22.51	58.3	21.51
	-18.8	-19	64.2	23.12	64.2	24.31	64.2	23.92	64.2	23.16	62.6	22.15	58.3	21.16
	-16.7	-17	67.0	24.31	67.0	23.50	67.0	23.11	65.0	22.36	62.6	21.39	58.3	20.44
	-13.7	-15	70.0	23.10	68.7	22.33	67.0	21.94	65.0	21.21	62.6	20.31	58.3	19.41
	-11.8	-13	71.9	22.32	69.7	21.59	67.0	21.19	65.0	20.48	62.6	19.62	58.3	18.75
	-9.8	-11	73.8	21.51	70.8	20.81	67.0	20.41	65.0	19.72	62.6	18.91	58.3	18.06
	-9.5	-10	74.3	21.39	71.1	20.69	67.0	20.29	65.0	19.60	62.6	18.79	58.3	17.95
	-8.5	-9.1	75.1	20.99	71.4	20.31	67.0	19.90	65.0	19.22	62.6	18.43	58.3	17.61
	-7.0	-7.6	75.8	20.38	71.4	19.72	67.0	19.31	65.0	18.64	62.6	17.90	58.3	17.09
	-5.0	-5.6	75.8	19.57	71.4	18.95	67.0	18.54	65.0	17.87	62.6	17.17	58.3	16.40
	-3.0	-3.7	75.8	18.76	71.4	18.17	67.0	17.76	65.0	17.11	62.6	16.45	58.3	15.71
	0.0	-0.7	75.8	17.54	71.4	17.00	67.0	16.59	65.0	15.96	62.6	15.36	58.3	14.68
	3.0	2.2	75.8	16.33	71.4	15.83	67.0	15.42	65.0	14.81	62.6	14.28	58.3	13.64
	5.0	4.1	75.8	15.51	71.4	15.06	67.0	14.63	65.0	14.05	62.6	13.56	58.3	12.96
	7.0	6	75.8	14.71	71.4	14.28	67.0	13.86	65.0	13.28	62.6	12.84	58.3	12.26
	9.0	7.9	75.8	13.80	71.4	13.41	67.0	13.01	65.0	12.47	62.6	12.06	58.3	11.51
	11.0	9.8	75.8	12.82	71.4	12.45	67.0	12.08	65.0	11.58	62.6	11.19	58.3	10.69
	13.0	11.8	75.8	11.97	71.4	11.62	67.0	11.27	65.0	10.80	62.6	10.45	58.3	9.97
	15.0	13.7	75.8	11.26	71.4	10.93	67.0	10.61	65.0	10.17	62.6	9.84	58.3	9.39

7. Capacity Tables

Heating Capacity (26HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	50.0	22.19	50.0	22.42	49.7	22.89	49.7	23.59	49.7	22.44	49.0	21.35
	-21.8	-22	57.4	22.89	57.4	23.12	57.0	23.59	55.1	22.44	53.5	21.35	49.9	20.31
	-19.8	-20	62.4	23.36	60.7	23.59	57.0	22.78	55.1	21.67	53.5	20.64	49.9	19.63
	-18.8	-19	64.0	23.59	60.7	23.16	57.0	22.37	55.1	21.28	53.5	20.28	49.9	19.27
	-16.7	-17	64.2	22.71	60.7	22.28	57.0	21.52	55.1	20.48	53.5	19.52	49.9	18.55
	-13.7	-15	64.2	21.46	60.7	21.02	57.0	20.30	55.1	19.31	53.5	18.45	49.9	17.51
	-11.8	-13	64.2	20.66	60.7	20.21	57.0	19.52	55.1	18.58	53.5	17.76	49.9	16.85
	-9.8	-11	64.2	19.83	60.7	19.38	57.0	18.71	55.1	17.81	53.5	17.04	49.9	16.16
	-9.5	-10	64.2	19.70	60.7	19.25	57.0	18.59	55.1	17.70	53.5	16.93	49.9	16.06
	-8.5	-9.1	64.2	19.28	60.7	18.83	57.0	18.18	55.1	17.31	53.5	16.58	49.9	15.71
	-7.0	-7.6	64.2	18.66	60.7	18.20	57.0	17.57	55.1	16.73	53.5	16.04	49.9	15.19
	-5.0	-5.6	64.2	17.82	60.7	17.35	57.0	16.76	55.1	15.96	53.5	15.31	49.9	14.50
	-3.0	-3.7	64.2	16.99	60.7	16.51	57.0	15.95	55.1	15.19	53.5	14.59	49.9	13.80
	0.0	-0.7	64.2	15.73	60.7	15.25	57.0	14.73	55.1	14.04	53.5	13.52	49.9	12.76
	3.0	2.2	64.2	14.48	60.7	13.97	57.0	13.50	55.1	12.88	53.5	12.44	49.9	11.72
	5.0	4.1	64.2	13.64	60.7	13.13	57.0	12.69	55.1	12.11	53.5	11.71	49.9	11.04
	7.0	6	64.2	12.80	60.7	12.29	57.0	11.88	55.1	11.34	53.5	11.00	49.9	10.34
	9.0	7.9	64.2	11.56	60.7	11.10	57.0	10.73	55.1	10.24	53.5	9.93	49.9	9.34
	11.0	9.8	64.2	10.77	60.7	10.34	57.0	9.99	55.1	9.53	53.5	9.25	49.9	8.69
	13.0	11.8	64.2	10.08	60.7	9.67	57.0	9.34	55.1	8.92	53.5	8.65	49.9	8.14
	15.0	13.7	64.2	9.49	60.7	9.12	57.0	8.81	55.1	8.41	53.5	8.16	49.9	7.67
60	-24.8	-25	49.2	21.72	49.2	22.19	48.9	22.89	47.3	21.69	45.7	20.56	42.7	19.50
	-21.8	-22	52.7	22.42	52.2	22.89	48.9	21.69	47.3	20.56	45.7	19.50	42.7	18.48
	-19.8	-20	55.1	22.89	52.2	22.04	48.9	20.89	47.3	19.81	45.7	18.80	42.7	17.81
	-18.8	-19	55.1	22.47	52.2	21.62	48.9	20.48	47.3	19.43	45.7	18.45	42.7	17.46
	-16.7	-17	55.1	21.56	52.2	20.72	48.9	19.65	47.3	18.65	45.7	17.71	42.7	16.75
	-13.7	-15	55.1	20.26	52.2	19.44	48.9	18.44	47.3	17.52	45.7	16.65	42.7	15.73
	-11.8	-13	55.1	19.45	52.2	18.64	48.9	17.68	47.3	16.81	45.7	15.98	42.7	15.09
	-9.8	-11	55.1	18.59	52.2	17.79	48.9	16.88	47.3	16.06	45.7	15.27	42.7	14.40
	-9.5	-10	55.1	18.46	52.2	17.66	48.9	16.76	47.3	15.94	45.7	15.17	42.7	14.30
	-8.5	-9.1	55.1	18.03	52.2	17.24	48.9	16.36	47.3	15.57	45.7	14.81	42.7	13.97
	-7.0	-7.6	55.1	17.39	52.2	16.60	48.9	15.75	47.3	15.00	45.7	14.28	42.7	13.46
	-5.0	-5.6	55.1	16.52	52.2	15.75	48.9	14.96	47.3	14.25	45.7	13.59	42.7	12.77
	-3.0	-3.7	55.1	15.66	52.2	14.90	48.9	14.15	47.3	13.50	45.7	12.88	42.7	12.09
	0.0	-0.7	55.1	14.37	52.2	13.61	48.9	12.95	47.3	12.37	45.7	11.82	42.7	11.07
	3.0	2.2	55.1	13.08	52.2	12.34	48.9	11.74	47.3	11.25	45.7	10.76	42.7	10.05
	5.0	4.1	55.1	12.22	52.2	11.49	48.9	10.95	47.3	10.50	45.7	10.05	42.7	9.38
	7.0	6	55.1	11.36	52.2	10.64	48.9	10.14	47.3	9.75	45.7	9.36	42.7	8.69
	9.0	7.9	55.1	10.14	52.2	9.49	48.9	9.05	47.3	8.70	45.7	8.34	42.7	7.75
	11.0	9.8	55.1	9.47	52.2	8.86	48.9	8.45	47.3	8.12	45.7	7.79	42.7	7.25
	13.0	11.8	55.1	8.86	52.2	8.30	48.9	7.92	47.3	7.61	45.7	7.30	42.7	6.79
	15.0	13.7	55.1	8.38	52.2	7.85	48.9	7.48	47.3	7.19	45.7	6.90	42.7	6.42
50	-24.8	-25	46.0	19.48	43.4	20.18	40.7	19.09	39.4	18.06	38.1	17.11	35.5	16.21
	-21.8	-22	46.0	20.18	43.4	19.09	40.7	18.06	39.4	17.11	38.1	16.21	35.5	15.35
	-19.8	-20	46.0	19.42	43.4	18.36	40.7	17.39	39.4	16.46	38.1	15.61	35.5	14.77
	-18.8	-19	46.0	19.04	43.4	17.99	40.7	17.05	39.4	16.14	38.1	15.31	35.5	14.49
	-16.7	-17	46.0	18.23	43.4	17.23	40.7	16.33	39.4	15.46	38.1	14.68	35.5	13.89
	-13.7	-15	46.0	17.09	43.4	16.13	40.7	15.31	39.4	14.50	38.1	13.78	35.5	13.03
	-11.8	-13	46.0	16.36	43.4	15.44	40.7	14.66	39.4	13.89	38.1	13.22	35.5	12.48
	-9.8	-11	46.0	15.59	43.4	14.71	40.7	13.98	39.4	13.25	38.1	12.62	35.5	11.91
	-9.5	-10	46.0	15.48	43.4	14.60	40.7	13.88	39.4	13.15	38.1	12.54	35.5	11.82
	-8.5	-9.1	46.0	15.09	43.4	14.23	40.7	13.54	39.4	12.83	38.1	12.24	35.5	11.54
	-7.0	-7.6	46.0	14.52	43.4	13.69	40.7	13.03	39.4	12.35	38.1	11.79	35.5	11.11
	-5.0	-5.6	46.0	13.75	43.4	12.96	40.7	12.35	39.4	11.70	38.1	11.19	35.5	10.54
	-3.0	-3.7	46.0	12.98	43.4	12.23	40.7	11.66	39.4	11.06	38.1	10.59	35.5	9.96
	0.0	-0.7	46.0	11.84	43.4	11.13	40.7	10.65	39.4	10.10	38.1	9.69	35.5	9.10
	3.0	2.2	46.0	10.70	43.4	10.04	40.7	9.62	39.4	9.13	38.1	8.80	35.5	8.24
	5.0	4.1	46.0	9.93	43.4	9.31	40.7	8.94	39.4	8.49	38.1	8.20	35.5	7.67
	7.0	6	46.0	9.16	43.4	8.58	40.7	8.27	39.4	7.85	38.1	7.60	35.5	7.10
	9.0	7.9	46.0	8.27	43.4	7.75	40.7	7.46	39.4	7.09	38.1	6.87	35.5	6.40
	11.0	9.8	46.0	7.75	43.4	7.25	40.7	6.98	39.4	6.64	38.1	6.42	35.5	5.99
	13.0	11.8	46.0	7.27	43.4	6.81	40.7	6.55	39.4	6.23	38.1	6.03	35.5	5.63
	15.0	13.7	46.0	6.88	43.4	6.44	40.7	6.20	39.4	5.90	38.1	5.71	35.5	5.33

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM280LTE5

Heating Capacity (28HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	52.6	26.23	52.6	26.72	52.3	27.15	52.3	27.80	52.3	28.42	52.2	29.41
	-21.8	-22	63.6	27.22	63.6	27.70	63.2	28.13	63.2	28.78	63.2	29.41	63.1	30.38
	-19.8	-20	66.9	27.86	66.9	28.36	66.5	28.78	66.5	29.43	66.5	30.05	66.4	31.03
	-18.8	-19	68.6	28.20	68.6	28.68	68.2	29.11	68.2	29.76	68.2	30.38	68.1	31.36
	-16.7	-17	72.1	28.88	72.1	29.37	71.7	29.80	71.7	30.44	71.7	31.06	71.5	32.04
	-13.7	-15	77.1	29.86	77.1	30.35	76.6	30.78	76.6	31.42	76.6	32.04	76.4	30.78
	-11.8	-13	79.7	30.48	79.7	30.97	79.2	31.40	79.2	32.04	79.2	31.20	79.2	29.99
	-9.8	-11	82.5	31.13	82.5	31.62	81.9	32.04	81.9	31.14	81.9	30.30	81.9	29.15
	-9.5	-10	83.2	31.23	83.2	31.72	82.7	31.91	82.7	30.99	82.3	30.17	82.3	29.02
	-8.5	-9.1	86.0	31.56	86.0	32.04	85.5	31.44	85.5	30.54	83.7	29.71	83.7	28.59
	-7.0	-7.6	90.3	32.04	90.3	31.35	89.6	30.74	89.6	29.85	89.6	29.04	87.6	27.97
	-5.0	-5.6	95.9	31.15	95.9	30.43	95.2	29.79	95.2	28.94	95.2	28.15	90.8	27.12
	-3.0	-3.7	101.5	30.24	101.5	29.51	100.8	28.86	100.8	28.02	100.8	27.25	94.1	26.28
	0.0	-0.7	109.8	28.88	109.8	28.12	109.1	27.45	108.0	26.65	105.8	25.90	98.8	25.02
	3.0	2.2	112.7	27.52	112.7	26.73	112.2	26.04	110.6	25.29	106.9	24.55	99.6	23.76
	5.0	4.1	114.0	26.62	114.0	25.81	113.6	25.10	110.8	24.37	106.9	23.65	99.6	22.91
	7.0	6	114.0	25.71	114.0	24.88	113.6	24.16	110.8	23.45	106.9	22.76	99.6	22.08
	9.0	7.9	114.0	24.96	114.0	24.16	113.6	23.45	110.8	22.77	106.9	22.10	99.6	21.44
	11.0	9.8	114.0	24.43	114.0	23.63	113.6	22.95	110.8	22.28	106.9	21.62	99.6	20.97
	13.0	11.8	114.0	23.85	114.0	23.08	113.6	22.41	110.8	21.76	106.9	21.11	99.6	20.48
	15.0	13.7	114.0	23.24	114.0	22.49	113.6	21.83	110.8	21.20	106.9	20.56	99.6	19.95
120	-24.8	-25	52.3	26.72	52.3	27.15	51.9	27.80	51.9	28.42	51.9	29.41	51.8	30.09
	-21.8	-22	63.2	27.70	63.2	28.13	62.8	28.78	62.8	29.41	62.8	30.38	62.7	31.06
	-19.8	-20	66.5	28.36	66.5	28.78	66.0	29.43	66.0	30.05	66.0	31.03	65.9	31.72
	-18.8	-19	68.1	28.68	68.1	29.11	67.7	29.76	67.7	30.38	67.7	31.36	67.6	32.04
	-16.7	-17	71.6	29.37	71.6	29.80	71.2	30.44	71.2	31.06	71.2	32.04	71.0	31.24
	-13.7	-15	76.5	30.35	76.5	30.78	76.0	31.42	76.0	32.04	76.0	30.83	75.9	30.08
	-11.8	-13	79.1	30.97	79.1	31.40	78.6	32.04	78.6	31.18	78.6	30.06	78.6	29.34
	-9.8	-11	81.8	31.62	81.8	32.04	81.3	31.10	81.3	30.28	81.3	29.26	81.3	28.57
	-9.5	-10	82.7	31.72	82.7	31.89	82.2	30.96	82.2	30.15	82.2	29.14	82.2	28.45
	-8.5	-9.1	85.5	32.04	85.5	31.39	84.9	30.48	84.9	29.69	84.4	28.74	84.4	28.06
	-7.0	-7.6	89.6	31.29	89.6	30.64	89.1	29.77	89.1	29.02	87.0	28.12	86.9	27.48
	-5.0	-5.6	95.2	30.29	95.2	29.63	94.5	28.83	94.5	28.11	94.5	27.32	90.2	26.71
	-3.0	-3.7	100.7	29.28	100.7	28.63	100.1	27.87	100.1	27.21	99.2	26.51	92.9	25.93
	0.0	-0.7	109.0	27.77	108.5	27.12	105.7	26.45	103.7	25.85	100.6	25.30	93.5	24.77
	3.0	2.2	111.9	26.26	111.2	25.61	107.5	25.03	103.9	24.49	100.6	24.09	93.5	23.62
	5.0	4.1	113.1	25.25	111.9	24.60	107.5	24.07	103.9	23.59	100.6	23.28	93.5	22.85
	7.0	6	113.1	24.25	111.9	23.60	107.5	23.13	103.9	22.68	100.6	22.47	93.5	22.07
	9.0	7.9	113.1	23.48	111.9	22.85	107.5	22.40	103.9	21.98	100.6	21.77	93.5	21.37
	11.0	9.8	113.1	22.93	111.9	22.30	107.5	21.86	103.9	21.45	100.6	21.24	93.5	20.87
	13.0	11.8	113.1	22.33	111.9	21.72	107.5	21.29	103.9	20.89	100.6	20.69	93.5	20.32
	15.0	13.7	113.1	21.68	111.9	21.10	107.5	20.69	103.9	20.29	100.6	20.10	93.5	19.74
110	-24.8	-25	51.9	27.15	51.9	27.80	51.7	28.42	51.7	29.41	51.7	30.09	51.6	30.42
	-21.8	-22	62.9	28.13	62.9	28.78	62.5	29.41	62.5	30.38	62.5	31.06	62.4	31.40
	-19.8	-20	66.1	28.78	66.1	29.43	65.7	30.05	65.7	31.03	65.7	31.72	65.5	32.04
	-18.8	-19	67.7	29.11	67.7	29.76	67.3	30.38	67.3	31.36	67.3	32.04	67.2	31.62
	-16.7	-17	71.2	29.80	71.2	30.44	70.8	31.06	70.8	32.04	70.8	31.17	70.6	30.72
	-13.7	-15	76.2	30.78	76.2	31.42	75.6	32.04	75.6	30.72	75.6	29.92	75.6	29.45
	-11.8	-13	78.7	31.40	78.7	32.04	78.2	31.11	78.2	29.88	78.2	29.12	78.2	28.64
	-9.8	-11	81.4	32.04	81.4	30.99	80.9	30.13	80.9	29.00	80.9	28.29	80.9	27.79
	-9.5	-10	82.2	31.87	82.2	30.82	81.8	29.97	81.8	28.86	81.8	28.17	81.8	27.65
	-8.5	-9.1	85.0	31.31	85.0	30.30	84.4	29.48	84.4	28.42	84.1	27.75	83.6	27.23
	-7.0	-7.6	89.1	30.44	89.1	29.50	88.6	28.74	88.6	27.75	87.1	27.13	84.2	26.59
	-5.0	-5.6	94.7	29.29	94.7	28.44	94.0	27.75	93.0	26.87	89.2	26.29	84.2	25.74
	-3.0	-3.7	100.1	28.15	100.1	27.38	96.4	26.76	93.3	25.98	90.1	25.46	84.2	24.89
	0.0	-0.7	106.5	26.42	102.7	25.79	96.4	25.28	93.3	24.65	90.1	24.21	84.2	23.61
	3.0	2.2	108.7	24.71	102.7	24.19	96.4	23.80	93.3	23.33	90.1	22.95	84.2	22.34
	5.0	4.1	108.7	23.56	102.7	23.14	96.4	22.82	93.3	22.45	90.1	22.12	84.2	21.48
	7.0	6	108.7	22.41	102.7	22.07	96.4	21.83	93.3	21.56	90.1	21.28	84.2	20.63
	9.0	7.9	108.7	21.61	102.7	21.29	96.4	21.05	93.3	20.80	90.1	20.53	84.2	19.89
	11.0	9.8	108.7	20.99	102.7	20.68	96.4	20.45	93.3	20.20	90.1	19.94	84.2	19.32
	13.0	11.8	108.7	20.33	102.7	20.04	96.4	19.81	93.3	19.57	90.1	19.31	84.2	18.72
	15.0	13.7	108.7	19.64	102.7	19.35	96.4	19.12	93.3	18.90	90.1	18.66	84.2	18.08

7. Capacity Tables

Heating Capacity (28HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	51.7	30.23	51.7	30.46	51.4	29.54	51.4	31.06	51.4	31.32	51.3	31.44
	-21.8	-22	62.5	30.59	62.5	30.83	62.2	30.48	62.2	31.43	62.2	32.12	62.0	31.81
	-19.8	-20	65.8	30.83	65.8	31.07	65.4	31.10	65.4	31.67	65.4	32.07	65.3	32.04
	-18.8	-19	67.5	30.95	67.0	31.20	67.0	31.43	67.0	31.79	67.0	32.04	66.9	31.53
	-16.7	-17	70.5	31.21	70.5	31.46	70.5	32.12	70.1	32.04	70.1	30.98	69.9	30.44
	-13.7	-15	75.8	31.57	75.8	31.81	75.3	32.04	75.3	30.50	75.3	29.45	75.2	28.89
	-11.8	-13	78.3	31.81	77.9	32.04	77.9	31.00	77.9	29.51	77.9	28.48	76.7	27.90
	-9.8	-11	80.9	32.04	80.9	30.87	80.6	29.90	80.6	28.47	80.6	27.47	76.9	26.87
	-9.5	-10	81.8	31.86	81.8	30.70	81.4	29.73	81.4	28.31	81.2	27.31	76.9	26.72
	-8.5	-9.1	84.5	31.24	84.5	30.11	84.1	29.19	85.4	27.79	82.6	26.80	76.9	26.20
	-7.0	-7.6	90.1	30.32	89.8	29.23	88.2	28.35	85.4	27.02	82.6	26.03	76.9	25.42
	-5.0	-5.6	94.1	29.09	93.1	28.06	88.2	27.25	85.4	25.98	82.6	25.01	76.9	24.39
	-3.0	-3.7	96.8	27.86	93.8	26.89	88.2	26.16	85.4	24.94	82.6	24.00	76.9	23.35
	0.0	-0.7	99.5	26.01	93.8	25.12	88.2	24.50	85.4	23.39	82.6	22.47	76.9	21.80
	3.0	2.2	99.5	24.16	93.8	23.36	88.2	22.85	85.4	21.83	82.6	20.94	76.9	20.25
	5.0	4.1	99.5	22.93	93.8	22.19	88.2	21.75	85.4	20.79	82.6	19.92	76.9	19.21
	7.0	6	99.5	21.70	93.8	21.02	88.2	20.65	85.4	19.75	82.6	18.90	76.9	18.18
	9.0	7.9	99.5	20.71	93.8	20.06	88.2	19.71	85.4	18.86	82.6	18.05	76.9	17.35
	11.0	9.8	99.5	19.89	93.8	19.27	88.2	18.94	85.4	18.12	82.6	17.34	76.9	16.67
	13.0	11.8	99.5	19.03	93.8	18.43	88.2	18.11	85.4	17.33	82.6	16.58	76.9	15.94
	15.0	13.7	99.5	18.13	93.8	17.55	88.2	17.25	85.4	16.50	82.6	15.79	76.9	15.18
90	-24.8	-25	51.5	26.82	51.5	27.80	51.2	28.49	51.2	28.81	51.2	29.47	51.1	30.45
	-21.8	-22	62.3	27.80	62.3	28.78	62.0	29.47	62.0	29.79	62.0	30.45	61.8	29.13
	-19.8	-20	65.6	28.46	65.6	29.43	65.1	30.11	65.1	30.45	65.1	29.55	65.0	28.26
	-18.8	-19	67.5	28.78	67.0	29.76	66.8	30.45	66.8	29.98	66.8	29.10	66.7	27.82
	-16.7	-17	70.5	29.47	70.5	30.45	70.1	29.49	70.1	29.01	70.1	28.16	69.3	26.90
	-13.7	-15	75.8	30.45	75.8	29.02	75.1	28.12	75.1	27.63	74.5	26.81	70.3	25.58
	-11.8	-13	78.3	29.47	77.9	28.12	77.6	27.26	77.0	26.75	75.6	25.96	70.3	24.75
	-9.8	-11	80.9	28.44	80.9	27.18	79.6	26.35	78.2	25.82	75.6	25.07	70.3	23.88
	-9.5	-10	81.8	28.29	81.8	27.03	80.2	26.21	78.2	25.68	75.6	24.93	70.3	23.75
	-8.5	-9.1	84.5	27.78	83.9	26.56	80.7	25.75	78.2	25.22	75.6	24.48	70.3	23.31
	-7.0	-7.6	90.1	27.01	85.7	25.85	80.7	25.07	78.2	24.53	75.6	23.81	70.3	22.66
	-5.0	-5.6	91.1	25.98	85.7	24.90	80.7	24.16	78.2	23.61	75.6	22.91	70.3	21.78
	-3.0	-3.7	91.1	24.96	85.7	23.96	80.7	23.26	78.2	22.68	75.6	22.01	70.3	20.90
	0.0	-0.7	91.1	23.42	85.7	22.53	80.7	21.89	78.2	21.30	75.6	20.67	70.3	19.59
	3.0	2.2	91.1	21.88	85.7	21.11	80.7	20.53	78.2	19.92	75.6	19.32	70.3	18.28
	5.0	4.1	91.1	20.85	85.7	20.16	80.7	19.61	78.2	18.99	75.6	18.42	70.3	17.40
	7.0	6	91.1	19.83	85.7	19.22	80.7	18.70	78.2	18.07	75.6	17.53	70.3	16.53
	9.0	7.9	91.1	18.86	85.7	18.28	80.7	17.79	78.2	17.19	75.6	16.68	70.3	15.72
	11.0	9.8	91.1	17.90	85.7	17.35	80.7	16.88	78.2	16.31	75.6	15.82	70.3	14.92
	13.0	11.8	91.1	16.93	85.7	16.41	80.7	15.97	78.2	15.42	75.6	14.97	70.3	14.11
	15.0	13.7	91.1	15.97	85.7	15.47	80.7	15.06	78.2	14.54	75.6	14.11	70.3	13.31
80	-24.8	-25	51.3	23.37	51.3	24.35	51.0	25.04	51.0	25.36	51.0	27.00	50.9	25.84
	-21.8	-22	61.6	24.35	61.6	25.33	61.6	26.02	61.6	27.00	61.6	25.84	61.0	24.73
	-19.8	-20	64.9	25.01	64.9	25.98	64.9	27.00	64.9	26.18	64.9	25.07	62.8	24.00
	-18.8	-19	66.5	25.33	66.5	27.00	66.5	26.58	66.5	25.77	66.0	24.68	62.8	23.62
	-16.7	-17	70.1	27.00	70.1	26.13	70.1	25.72	69.2	24.92	67.5	23.88	62.8	22.85
	-13.7	-15	75.4	25.72	74.0	24.90	72.2	24.48	70.0	23.69	67.5	22.72	62.8	21.74
	-11.8	-13	77.4	24.91	75.1	24.12	72.2	23.69	70.0	22.92	67.5	21.99	62.8	21.04
	-9.8	-11	79.1	24.05	76.0	23.30	72.2	22.86	70.0	22.11	67.5	21.22	62.8	20.30
	-9.5	-10	79.6	23.93	76.4	23.17	72.2	22.73	70.0	21.98	67.5	21.10	62.8	20.18
	-8.5	-9.1	80.6	23.50	76.9	22.77	72.2	22.32	70.0	21.58	67.5	20.71	62.8	19.82
	-7.0	-7.6	81.6	22.86	76.9	22.15	72.2	21.70	70.0	20.96	67.5	20.15	62.8	19.26
	-5.0	-5.6	81.6	22.01	76.9	21.33	72.2	20.88	70.0	20.14	67.5	19.37	62.8	18.52
	-3.0	-3.7	81.6	21.15	76.9	20.51	72.2	20.05	70.0	19.33	67.5	18.60	62.8	17.78
	0.0	-0.7	81.6	19.87	76.9	19.28	72.2	18.81	70.0	18.11	67.5	17.44	62.8	16.67
	3.0	2.2	81.6	18.59	76.9	18.04	72.2	17.57	70.0	16.88	67.5	16.29	62.8	15.56
	5.0	4.1	81.6	17.74	76.9	17.22	72.2	16.74	70.0	16.07	67.5	15.52	62.8	14.83
	7.0	6	81.6	16.89	76.9	16.40	72.2	15.92	70.0	15.25	67.5	14.75	62.8	14.08
	9.0	7.9	81.6	15.85	76.9	15.40	72.2	14.95	70.0	14.32	67.5	13.85	62.8	13.22
	11.0	9.8	81.6	14.72	76.9	14.29	72.2	13.87	70.0	13.29	67.5	12.85	62.8	12.27
	13.0	11.8	81.6	13.74	76.9	13.34	72.2	12.95	70.0	12.40	67.5	12.00	62.8	11.45
	15.0	13.7	81.6	12.93	76.9	12.55	72.2	12.18	70.0	11.68	67.5	11.30	62.8	10.78

7. Capacity Tables

Heating Capacity (28HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	51.3	24.06	51.3	24.38	51.0	25.04	51.0	26.02	51.0	24.79	50.8	23.64
	-21.8	-22	60.6	25.04	60.9	25.36	60.4	26.02	59.3	24.79	57.6	23.64	53.7	22.53
	-19.8	-20	64.8	25.69	64.2	26.02	61.4	25.16	59.3	23.98	57.6	22.88	53.7	21.80
	-18.8	-19	66.5	26.02	65.1	25.57	61.4	24.73	59.3	23.56	57.6	22.50	53.7	21.42
	-16.7	-17	68.8	25.10	65.3	24.64	61.4	23.83	59.3	22.71	57.6	21.69	53.7	20.65
	-13.7	-15	69.1	23.78	65.3	23.31	61.4	22.54	59.3	21.48	57.6	20.55	53.7	19.54
	-11.8	-13	69.1	22.94	65.3	22.46	61.4	21.72	59.3	20.70	57.6	19.82	53.7	18.83
	-9.8	-11	69.1	22.07	65.3	21.58	61.4	20.86	59.3	19.88	57.6	19.05	53.7	18.09
	-9.5	-10	69.1	21.94	65.3	21.44	61.4	20.74	59.3	19.77	57.6	18.94	53.7	17.98
	-8.5	-9.1	69.1	21.50	65.3	21.00	61.4	20.30	59.3	19.36	57.6	18.56	53.7	17.61
	-7.0	-7.6	69.1	20.84	65.3	20.34	61.4	19.66	59.3	18.74	57.6	17.99	53.7	17.06
	-5.0	-5.6	69.1	19.96	65.3	19.45	61.4	18.80	59.3	17.93	57.6	17.22	53.7	16.32
	-3.0	-3.7	69.1	19.09	65.3	18.56	61.4	17.94	59.3	17.11	57.6	16.45	53.7	15.57
	0.0	-0.7	69.1	17.78	65.3	17.23	61.4	16.65	59.3	15.88	57.6	15.31	53.7	14.46
	3.0	2.2	69.1	16.46	65.3	15.89	61.4	15.36	59.3	14.66	57.6	14.16	53.7	13.35
	5.0	4.1	69.1	15.58	65.3	15.00	61.4	14.50	59.3	13.84	57.6	13.39	53.7	12.62
	7.0	6	69.1	14.70	65.3	14.12	61.4	13.65	59.3	13.02	57.6	12.63	53.7	11.88
	9.0	7.9	69.1	13.28	65.3	12.75	61.4	12.32	59.3	11.76	57.6	11.40	53.7	10.72
	11.0	9.8	69.1	12.37	65.3	11.87	61.4	11.47	59.3	10.95	57.6	10.62	53.7	9.98
	13.0	11.8	69.1	11.57	65.3	11.10	61.4	10.73	59.3	10.25	57.6	9.93	53.7	9.35
	15.0	13.7	69.1	10.90	65.3	10.47	61.4	10.12	59.3	9.66	57.6	9.37	53.7	8.80
60	-24.8	-25	50.7	23.40	50.7	24.06	50.4	25.04	49.6	23.78	48.9	22.59	46.0	21.47
	-21.8	-22	55.8	24.38	56.2	25.04	52.7	23.78	50.9	22.59	49.2	21.47	46.0	20.39
	-19.8	-20	59.3	25.04	56.2	24.15	52.7	22.93	50.9	21.80	49.2	20.72	46.0	19.67
	-18.8	-19	59.3	24.59	56.2	23.70	52.7	22.51	50.9	21.40	49.2	20.35	46.0	19.30
	-16.7	-17	59.3	23.65	56.2	22.76	52.7	21.63	50.9	20.57	49.2	19.57	46.0	18.54
	-13.7	-15	59.3	22.30	56.2	21.43	52.7	20.36	50.9	19.38	49.2	18.46	46.0	17.46
	-11.8	-13	59.3	21.46	56.2	20.58	52.7	19.56	50.9	18.63	49.2	17.75	46.0	16.78
	-9.8	-11	59.3	20.56	56.2	19.70	52.7	18.72	50.9	17.84	49.2	17.00	46.0	16.05
	-9.5	-10	59.3	20.42	56.2	19.57	52.7	18.60	50.9	17.72	49.2	16.89	46.0	15.94
	-8.5	-9.1	59.3	19.98	56.2	19.12	52.7	18.17	50.9	17.33	49.2	16.51	46.0	15.59
	-7.0	-7.6	59.3	19.31	56.2	18.45	52.7	17.54	50.9	16.73	49.2	15.95	46.0	15.05
	-5.0	-5.6	59.3	18.42	56.2	17.56	52.7	16.70	50.9	15.94	49.2	15.21	46.0	14.32
	-3.0	-3.7	59.3	17.52	56.2	16.67	52.7	15.86	50.9	15.15	49.2	14.47	46.0	13.60
	0.0	-0.7	59.3	16.18	56.2	15.33	52.7	14.60	50.9	13.96	49.2	13.35	46.0	12.51
	3.0	2.2	59.3	14.84	56.2	14.00	52.7	13.33	50.9	12.78	49.2	12.23	46.0	11.43
	5.0	4.1	59.3	13.94	56.2	13.11	52.7	12.50	50.9	11.99	49.2	11.48	46.0	10.71
	7.0	6	59.3	13.05	56.2	12.22	52.7	11.65	50.9	11.20	49.2	10.74	46.0	9.98
	9.0	7.9	59.3	11.64	56.2	10.90	52.7	10.40	50.9	9.99	49.2	9.58	46.0	8.91
	11.0	9.8	59.3	10.87	56.2	10.18	52.7	9.70	50.9	9.33	49.2	8.95	46.0	8.32
	13.0	11.8	59.3	10.18	56.2	9.53	52.7	9.10	50.9	8.74	49.2	8.38	46.0	7.80
	15.0	13.7	59.3	9.62	56.2	9.02	52.7	8.60	50.9	8.25	49.2	7.92	46.0	7.37
50	-24.8	-25	49.5	21.43	46.7	22.41	43.9	21.23	42.5	20.12	41.1	19.07	38.3	18.10
	-21.8	-22	49.5	22.41	46.7	21.23	43.9	20.12	42.5	19.07	41.1	18.10	38.3	17.16
	-19.8	-20	49.5	21.58	46.7	20.44	43.9	19.38	42.5	18.37	41.1	17.45	38.3	16.53
	-18.8	-19	49.5	21.18	46.7	20.04	43.9	19.02	42.5	18.02	41.1	17.12	38.3	16.22
	-16.7	-17	49.5	20.31	46.7	19.22	43.9	18.24	42.5	17.29	41.1	16.44	38.3	15.56
	-13.7	-15	49.5	19.07	46.7	18.03	43.9	17.13	42.5	16.24	41.1	15.46	38.3	14.62
	-11.8	-13	49.5	18.29	46.7	17.28	43.9	16.42	42.5	15.58	41.1	14.85	38.3	14.03
	-9.8	-11	49.5	17.46	46.7	16.49	43.9	15.69	42.5	14.88	41.1	14.20	38.3	13.40
	-9.5	-10	49.5	17.34	46.7	16.37	43.9	15.58	42.5	14.78	41.1	14.10	38.3	13.31
	-8.5	-9.1	49.5	16.92	46.7	15.97	43.9	15.21	42.5	14.43	41.1	13.78	38.3	13.00
	-7.0	-7.6	49.5	16.30	46.7	15.39	43.9	14.66	42.5	13.91	41.1	13.29	38.3	12.53
	-5.0	-5.6	49.5	15.47	46.7	14.60	43.9	13.92	42.5	13.20	41.1	12.63	38.3	11.91
	-3.0	-3.7	49.5	14.65	46.7	13.81	43.9	13.18	42.5	12.51	41.1	11.98	38.3	11.28
	0.0	-0.7	49.5	13.41	46.7	12.61	43.9	12.08	42.5	11.46	41.1	11.01	38.3	10.34
	3.0	2.2	49.5	12.18	46.7	11.43	43.9	10.96	42.5	10.41	41.1	10.03	38.3	9.40
	5.0	4.1	49.5	11.35	46.7	10.64	43.9	10.23	42.5	9.71	41.1	9.38	38.3	8.78
	7.0	6	49.5	10.52	46.7	9.85	43.9	9.49	42.5	9.02	41.1	8.73	38.3	8.15
	9.0	7.9	49.5	9.50	46.7	8.90	43.9	8.57	42.5	8.14	41.1	7.89	38.3	7.36
	11.0	9.8	49.5	8.89	46.7	8.33	43.9	8.02	42.5	7.62	41.1	7.38	38.3	6.88
	13.0	11.8	49.5	8.35	46.7	7.82	43.9	7.53	42.5	7.15	41.1	6.93	38.3	6.47
	15.0	13.7	49.5	7.90	46.7	7.40	43.9	7.12	42.5	6.77	41.1	6.55	38.3	6.12

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM300LTE5

Heating Capacity (30HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	61.2	29.05	61.2	29.37	60.8	29.66	60.8	30.09	60.8	30.52	60.0	31.18
	-21.8	-22	72.6	29.71	72.6	30.03	72.1	30.32	72.1	30.75	72.1	31.18	71.2	31.83
	-19.8	-20	75.7	30.14	75.7	30.47	75.2	30.75	75.2	31.20	75.2	31.61	74.2	32.27
	-18.8	-19	77.3	30.36	77.3	30.69	76.8	30.98	76.8	31.41	76.8	31.83	75.8	32.49
	-16.7	-17	80.7	30.83	80.7	31.15	80.1	31.44	80.1	31.87	80.1	32.29	79.0	32.95
	-13.7	-15	85.5	31.48	85.5	31.81	84.9	32.10	84.9	32.53	84.9	32.95	83.8	31.51
	-11.8	-13	88.2	31.90	88.2	32.22	87.7	32.51	87.7	32.95	87.7	31.97	86.7	30.60
	-9.8	-11	91.2	32.33	91.2	32.67	90.6	32.95	90.6	31.89	90.6	30.94	89.6	29.65
	-9.5	-10	91.7	32.41	91.7	32.73	91.2	32.79	91.2	31.72	91.0	30.79	90.1	29.50
	-8.5	-9.1	93.7	32.62	93.7	32.95	93.2	32.23	93.2	31.20	92.5	30.27	91.5	29.02
	-7.0	-7.6	96.7	32.95	96.7	32.11	96.1	31.40	96.1	30.39	96.1	29.49	94.4	28.30
	-5.0	-5.6	100.7	31.84	100.7	31.01	100.0	30.29	100.0	29.33	100.0	28.46	97.4	27.34
	-3.0	-3.7	104.6	30.72	104.6	29.90	103.9	29.18	103.9	28.26	103.9	27.43	100.6	26.39
	0.0	-0.7	110.4	29.05	110.4	28.23	109.8	27.52	109.8	26.67	109.8	25.88	105.0	24.95
	3.0	2.2	116.4	27.38	116.4	26.56	115.6	25.85	115.6	25.07	114.1	24.32	106.7	23.51
	5.0	4.1	119.8	26.26	119.8	25.45	119.2	24.75	118.0	24.01	114.6	23.29	106.7	22.55
	7.0	6	122.0	25.15	122.0	24.34	121.3	23.63	118.7	22.94	114.6	22.26	106.7	21.60
	9.0	7.9	122.2	24.22	122.2	23.43	121.8	22.75	118.7	22.08	114.6	21.43	106.7	20.79
	11.0	9.8	122.2	23.48	122.2	22.71	121.8	22.06	118.7	21.42	114.6	20.78	106.7	20.16
	13.0	11.8	122.2	22.69	122.2	21.96	121.8	21.32	118.7	20.70	114.6	20.09	106.7	19.49
	15.0	13.7	122.2	21.86	122.2	21.16	121.8	20.54	118.7	19.95	114.6	19.35	106.7	18.77
120	-24.8	-25	60.8	29.37	60.8	29.66	60.4	30.09	60.4	30.52	60.4	31.18	59.6	31.64
	-21.8	-22	72.1	30.03	72.1	30.32	71.6	30.75	71.6	31.18	71.6	31.83	70.7	32.29
	-19.8	-20	75.1	30.47	75.1	30.75	74.6	31.20	74.6	31.61	74.6	32.27	73.7	32.73
	-18.8	-19	76.7	30.69	76.7	30.98	76.2	31.41	76.2	31.83	76.2	32.49	75.3	32.95
	-16.7	-17	80.1	31.15	80.1	31.44	79.6	31.87	79.6	32.29	79.6	32.95	78.5	32.03
	-13.7	-15	84.8	31.81	84.8	32.10	84.3	32.53	84.3	32.95	84.3	31.56	83.2	30.71
	-11.8	-13	87.6	32.22	87.6	32.51	87.0	32.95	87.0	31.96	87.0	30.68	86.1	29.87
	-9.8	-11	90.5	32.67	90.5	32.95	90.0	31.85	90.0	30.92	90.0	29.75	89.0	28.99
	-9.5	-10	91.1	32.73	91.1	32.77	90.6	31.69	90.6	30.77	90.6	29.62	89.6	28.86
	-8.5	-9.1	93.1	32.95	93.1	32.18	92.5	31.13	92.5	30.24	92.3	29.16	91.3	28.42
	-7.0	-7.6	96.0	32.06	96.0	31.31	95.4	30.32	95.4	29.47	94.8	28.46	93.7	27.75
	-5.0	-5.6	99.9	30.87	99.9	30.13	99.3	29.22	99.3	28.42	99.3	27.53	96.8	26.87
	-3.0	-3.7	103.9	29.68	103.9	28.96	103.2	28.11	103.2	27.39	103.2	26.61	99.4	25.99
	0.0	-0.7	109.7	27.89	109.7	27.19	109.0	26.47	109.0	25.83	107.8	25.22	100.2	24.67
	3.0	2.2	115.6	26.10	115.6	25.43	113.9	24.83	111.3	24.27	107.8	23.83	100.2	23.35
	5.0	4.1	118.9	24.91	118.4	24.26	115.2	23.72	111.3	23.23	107.8	22.91	100.2	22.47
	7.0	6	121.0	23.72	119.9	23.08	115.2	22.62	111.3	22.19	107.8	21.98	100.2	21.59
	9.0	7.9	121.2	22.79	119.9	22.17	115.2	21.74	111.3	21.33	107.8	21.13	100.2	20.74
	11.0	9.8	121.2	22.06	119.9	21.46	115.2	21.04	111.3	20.64	107.8	20.44	100.2	20.08
	13.0	11.8	121.2	21.28	119.9	20.70	115.2	20.29	111.3	19.91	107.8	19.72	100.2	19.37
	15.0	13.7	121.2	20.45	119.9	19.89	115.2	19.51	111.3	19.13	107.8	18.95	100.2	18.61
110	-24.8	-25	60.4	29.66	60.4	30.09	60.1	30.52	60.1	31.18	60.1	31.64	59.3	31.85
	-21.8	-22	71.8	30.32	71.8	30.75	71.3	31.18	71.3	31.83	71.3	32.29	70.4	32.51
	-19.8	-20	74.7	30.75	74.7	31.20	74.3	31.61	74.3	32.27	74.3	32.73	73.2	32.95
	-18.8	-19	76.3	30.98	76.3	31.41	75.8	31.83	75.8	32.49	75.8	32.95	74.8	32.47
	-16.7	-17	79.6	31.44	79.6	31.87	79.1	32.29	79.1	32.95	79.1	31.96	78.0	31.47
	-13.7	-15	84.4	32.10	84.4	32.53	83.8	32.95	83.8	31.45	83.8	30.55	83.8	30.04
	-11.8	-13	87.2	32.51	87.2	32.95	86.5	31.88	86.5	30.50	86.5	29.66	86.5	29.14
	-9.8	-11	90.0	32.95	90.0	31.75	89.5	30.77	89.5	29.50	89.5	28.72	88.8	28.19
	-9.5	-10	90.6	32.75	90.6	31.56	90.1	30.60	90.1	29.35	90.1	28.58	89.9	28.04
	-8.5	-9.1	92.6	32.10	92.6	30.96	92.0	30.04	92.0	28.84	92.0	28.10	90.2	27.56
	-7.0	-7.6	95.5	31.11	95.5	30.05	94.9	29.20	94.9	28.09	94.9	27.41	90.2	26.85
	-5.0	-5.6	99.4	29.80	99.4	28.84	98.7	28.08	98.7	27.09	96.5	26.46	90.2	25.89
	-3.0	-3.7	103.2	28.49	103.2	27.64	102.5	26.95	100.0	26.09	96.5	25.52	90.2	24.95
	0.0	-0.7	109.1	26.52	108.7	25.83	103.3	25.27	100.0	24.59	96.5	24.12	90.2	23.52
	3.0	2.2	114.5	24.55	110.1	24.01	103.3	23.59	100.0	23.10	96.5	22.70	90.2	22.09
	5.0	4.1	116.5	23.24	110.1	22.80	103.3	22.47	100.0	22.10	96.5	21.76	90.2	21.13
	7.0	6	116.5	21.92	110.1	21.59	103.3	21.35	100.0	21.09	96.5	20.82	90.2	20.18
	9.0	7.9	116.5	20.98	110.1	20.66	103.3	20.44	100.0	20.19	96.5	19.93	90.2	19.31
	11.0	9.8	116.5	20.21	110.1	19.91	103.3	19.68	100.0	19.44	96.5	19.19	90.2	18.60
	13.0	11.8	116.5	19.39	110.1	19.11	103.3	18.89	100.0	18.66	96.5	18.42	90.2	17.86
	15.0	13.7	116.5	18.54	110.1	18.26	103.3	18.05	100.0	17.83	96.5	17.61	90.2	17.06

7. Capacity Tables

Heating Capacity (30HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	60.1	31.87	60.1	32.01	59.8	30.76	59.8	32.36	59.8	32.52	59.0	32.59
	-21.8	-22	71.4	32.09	71.4	32.23	71.0	31.74	71.0	32.58	71.0	33.04	70.0	32.81
	-19.8	-20	74.4	32.23	74.4	32.37	73.9	32.36	73.9	32.72	73.9	32.98	73.0	32.95
	-18.8	-19	76.0	32.30	75.5	32.45	75.5	32.58	75.5	32.79	75.5	32.95	74.5	32.38
	-16.7	-17	78.8	32.45	78.8	32.60	78.8	33.04	78.4	32.95	78.4	31.77	77.3	31.20
	-13.7	-15	84.0	32.67	84.0	32.81	83.5	32.95	83.5	31.23	83.5	30.10	82.4	29.50
	-11.8	-13	86.7	32.81	86.2	32.95	86.2	31.78	86.2	30.13	86.2	29.02	82.4	28.42
	-9.8	-11	89.5	32.95	89.5	31.63	89.2	30.55	89.2	28.99	88.5	27.91	82.4	27.29
	-9.5	-10	90.1	32.74	90.1	31.43	89.7	30.36	89.7	28.81	88.5	27.74	82.4	27.12
	-8.5	-9.1	92.1	32.04	92.1	30.78	91.6	29.75	91.5	28.23	88.5	27.17	82.4	26.56
	-7.0	-7.6	96.5	30.99	96.2	29.78	94.5	28.82	91.5	27.38	88.5	26.34	82.4	25.70
	-5.0	-5.6	100.8	29.60	99.8	28.47	94.5	27.59	91.5	26.23	88.5	25.21	82.4	24.57
	-3.0	-3.7	103.7	28.20	100.5	27.15	94.5	26.36	91.5	25.07	88.5	24.10	82.4	23.44
	0.0	-0.7	106.6	26.12	100.5	25.17	94.5	24.51	91.5	23.35	88.5	22.41	82.4	21.74
	3.0	2.2	106.6	24.02	100.5	23.19	94.5	22.66	91.5	21.63	88.5	20.74	82.4	20.04
	5.0	4.1	106.6	22.62	100.5	21.88	94.5	21.43	91.5	20.47	88.5	19.61	82.4	18.91
	7.0	6	106.6	21.23	100.5	20.56	94.5	20.20	91.5	19.32	88.5	18.49	82.4	17.78
	9.0	7.9	106.6	20.01	100.5	19.38	94.5	19.04	91.5	18.22	88.5	17.44	82.4	16.76
	11.0	9.8	106.6	18.95	100.5	18.36	94.5	18.04	91.5	17.26	88.5	16.51	82.4	15.88
	13.0	11.8	106.6	17.84	100.5	17.27	94.5	16.97	91.5	16.24	88.5	15.54	82.4	14.94
	15.0	13.7	106.6	16.67	100.5	16.14	94.5	15.86	91.5	15.17	88.5	14.52	82.4	13.96
90	-24.8	-25	59.9	28.89	59.9	29.55	59.6	30.01	59.6	30.23	59.6	30.67	58.8	31.33
	-21.8	-22	71.1	29.55	71.1	30.21	70.7	30.67	70.7	30.89	70.7	31.33	69.7	29.89
	-19.8	-20	74.1	29.99	74.1	30.64	73.6	31.10	73.6	31.33	73.6	30.34	72.7	28.94
	-18.8	-19	76.0	30.21	75.5	30.87	75.2	31.33	75.2	30.82	75.2	29.85	74.2	28.47
	-16.7	-17	78.8	30.67	78.8	31.33	78.4	30.26	78.4	29.74	78.4	28.82	75.3	27.47
	-13.7	-15	84.0	31.33	84.0	29.74	83.2	28.75	83.2	28.22	81.1	27.34	75.3	26.03
	-11.8	-13	86.7	30.23	86.2	28.73	85.9	27.79	83.8	27.25	81.1	26.40	75.3	25.13
	-9.8	-11	89.5	29.08	89.5	27.68	86.5	26.78	83.8	26.23	81.1	25.42	75.3	24.18
	-9.5	-10	90.1	28.90	90.1	27.52	86.5	26.63	83.8	26.08	81.1	25.27	75.3	24.04
	-8.5	-9.1	92.1	28.33	91.4	27.00	86.5	26.12	83.8	25.56	81.1	24.78	75.3	23.55
	-7.0	-7.6	96.5	27.46	91.8	26.20	86.5	25.36	83.8	24.80	81.1	24.04	75.3	22.84
	-5.0	-5.6	97.6	26.31	91.8	25.14	86.5	24.36	83.8	23.79	81.1	23.05	75.3	21.89
	-3.0	-3.7	97.6	25.16	91.8	24.09	86.5	23.35	83.8	22.76	81.1	22.06	75.3	20.93
	0.0	-0.7	97.6	23.43	91.8	22.50	86.5	21.83	83.8	21.24	81.1	20.60	75.3	19.50
	3.0	2.2	97.6	21.70	91.8	20.91	86.5	20.32	83.8	19.71	81.1	19.12	75.3	18.08
	5.0	4.1	97.6	20.55	91.8	19.85	86.5	19.30	83.8	18.69	81.1	18.13	75.3	17.12
	7.0	6	97.6	19.39	91.8	18.80	86.5	18.29	83.8	17.67	81.1	17.14	75.3	16.17
	9.0	7.9	97.6	18.32	91.8	17.76	86.5	17.29	83.8	16.70	81.1	16.20	75.3	15.27
	11.0	9.8	97.6	17.25	91.8	16.73	86.5	16.27	83.8	15.72	81.1	15.25	75.3	14.38
	13.0	11.8	97.6	16.18	91.8	15.68	86.5	15.26	83.8	14.74	81.1	14.31	75.3	13.49
	15.0	13.7	97.6	15.11	91.8	14.64	86.5	14.26	83.8	13.76	81.1	13.36	75.3	12.60
80	-24.8	-25	59.6	25.34	59.6	26.00	59.3	26.46	59.3	26.68	59.3	27.78	58.5	26.52
	-21.8	-22	70.4	26.00	70.4	26.66	70.4	27.12	70.4	27.78	70.4	26.52	67.3	25.32
	-19.8	-20	73.3	26.44	73.3	27.09	73.3	27.78	73.3	26.88	72.1	25.68	67.3	24.52
	-18.8	-19	74.9	26.66	74.9	27.78	74.9	27.32	74.4	26.44	72.3	25.26	67.3	24.12
	-16.7	-17	77.3	27.78	77.3	26.82	77.3	26.37	75.0	25.51	72.3	24.38	67.3	23.28
	-13.7	-15	80.8	26.36	79.3	25.46	77.3	25.00	75.0	24.16	72.3	23.12	67.3	22.08
	-11.8	-13	83.3	25.45	80.8	24.59	77.3	24.13	75.0	23.31	72.3	22.32	67.3	21.31
	-9.8	-11	85.5	24.50	81.8	23.68	77.3	23.22	75.0	22.42	72.3	21.48	67.3	20.51
	-9.5	-10	86.0	24.36	82.2	23.54	77.3	23.08	75.0	22.29	72.3	21.35	67.3	20.39
	-8.5	-9.1	86.8	23.89	82.4	23.09	77.3	22.63	75.0	21.84	72.3	20.93	67.3	19.99
	-7.0	-7.6	87.4	23.17	82.4	22.41	77.3	21.94	75.0	21.17	72.3	20.31	67.3	19.39
	-5.0	-5.6	87.4	22.22	82.4	21.50	77.3	21.04	75.0	20.27	72.3	19.46	67.3	18.59
	-3.0	-3.7	87.4	21.27	82.4	20.59	77.3	20.12	75.0	19.39	72.3	18.63	67.3	17.78
	0.0	-0.7	87.4	19.84	82.4	19.23	77.3	18.76	75.0	18.04	72.3	17.36	67.3	16.58
	3.0	2.2	87.4	18.42	82.4	17.86	77.3	17.39	75.0	16.70	72.3	16.10	67.3	15.38
	5.0	4.1	87.4	17.47	82.4	16.95	77.3	16.48	75.0	15.81	72.3	15.27	67.3	14.58
	7.0	6	87.4	16.52	82.4	16.04	77.3	15.57	75.0	14.92	72.3	14.43	67.3	13.77
	9.0	7.9	87.4	15.51	82.4	15.06	77.3	14.62	75.0	14.01	72.3	13.55	67.3	12.94
	11.0	9.8	87.4	14.40	82.4	13.98	77.3	13.57	75.0	13.00	72.3	12.57	67.3	12.01
	13.0	11.8	87.4	13.44	82.4	13.05	77.3	12.67	75.0	12.13	72.3	11.74	67.3	11.20
	15.0	13.7	87.4	12.65	82.4	12.28	77.3	11.92	75.0	11.42	72.3	11.05	67.3	10.55

7. Capacity Tables

Heating Capacity (30HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	59.6	25.66	59.6	25.87	59.3	26.32	59.3	26.98	59.3	25.64	57.5	24.38
	-21.8	-22	66.3	26.32	66.3	26.53	65.8	26.98	63.6	25.64	61.7	24.38	57.5	23.17
	-19.8	-20	70.6	26.76	70.0	26.98	65.8	26.03	63.6	24.74	61.7	23.54	57.5	22.38
	-18.8	-19	72.6	26.98	70.0	26.48	65.8	25.55	63.6	24.29	61.7	23.13	57.5	21.97
	-16.7	-17	74.1	25.95	70.0	25.45	65.8	24.56	63.6	23.35	61.7	22.25	57.5	21.13
	-13.7	-15	74.1	24.49	70.0	23.98	65.8	23.14	63.6	22.00	61.7	21.00	57.5	19.93
	-11.8	-13	74.1	23.55	70.0	23.04	65.8	22.24	63.6	21.15	61.7	20.20	57.5	19.16
	-9.8	-11	74.1	22.59	70.0	22.07	65.8	21.30	63.6	20.26	61.7	19.37	57.5	18.36
	-9.5	-10	74.1	22.43	70.0	21.91	65.8	21.16	63.6	20.13	61.7	19.25	57.5	18.24
	-8.5	-9.1	74.1	21.95	70.0	21.43	65.8	20.68	63.6	19.68	61.7	18.83	57.5	17.84
	-7.0	-7.6	74.1	21.22	70.0	20.69	65.8	19.97	63.6	19.01	61.7	18.21	57.5	17.24
	-5.0	-5.6	74.1	20.24	70.0	19.71	65.8	19.03	63.6	18.11	61.7	17.36	57.5	16.43
	-3.0	-3.7	74.1	19.27	70.0	18.72	65.8	18.08	63.6	17.21	61.7	16.53	57.5	15.63
	0.0	-0.7	74.1	17.80	70.0	17.25	65.8	16.66	63.6	15.87	61.7	15.28	57.5	14.42
	3.0	2.2	74.1	16.34	70.0	15.77	65.8	15.24	63.6	14.53	61.7	14.03	57.5	13.22
	5.0	4.1	74.1	15.36	70.0	14.79	65.8	14.29	63.6	13.64	61.7	13.19	57.5	12.42
	7.0	6	74.1	14.38	70.0	13.81	65.8	13.35	63.6	12.74	61.7	12.35	57.5	11.62
	9.0	7.9	74.1	12.99	70.0	12.47	65.8	12.05	63.6	11.50	61.7	11.16	57.5	10.49
	11.0	9.8	74.1	12.10	70.0	11.61	65.8	11.22	63.6	10.71	61.7	10.39	57.5	9.76
	13.0	11.8	74.1	11.32	70.0	10.86	65.8	10.50	63.6	10.02	61.7	9.72	57.5	9.14
	15.0	13.7	74.1	10.67	70.0	10.24	65.8	9.90	63.6	9.45	61.7	9.17	57.5	8.61
60	-24.8	-25	56.8	25.21	56.8	25.66	56.5	26.32	54.5	24.91	52.7	23.59	49.3	22.36
	-21.8	-22	60.8	25.87	60.2	26.32	56.5	24.91	54.5	23.59	52.7	22.36	49.3	21.17
	-19.8	-20	63.6	26.32	60.2	25.32	56.5	23.97	54.5	22.71	52.7	21.53	49.3	20.38
	-18.8	-19	63.6	25.82	60.2	24.82	56.5	23.50	54.5	22.27	52.7	21.12	49.3	19.98
	-16.7	-17	63.6	24.75	60.2	23.77	56.5	22.52	54.5	21.36	52.7	20.26	49.3	19.15
	-13.7	-15	63.6	23.23	60.2	22.27	56.5	21.11	54.5	20.04	52.7	19.03	49.3	17.96
	-11.8	-13	63.6	22.27	60.2	21.33	56.5	20.21	54.5	19.20	52.7	18.25	49.3	17.22
	-9.8	-11	63.6	21.26	60.2	20.33	56.5	19.28	54.5	18.33	52.7	17.42	49.3	16.42
	-9.5	-10	63.6	21.10	60.2	20.19	56.5	19.14	54.5	18.19	52.7	17.30	49.3	16.30
	-8.5	-9.1	63.6	20.60	60.2	19.69	56.5	18.67	54.5	17.76	52.7	16.88	49.3	15.91
	-7.0	-7.6	63.6	19.84	60.2	18.94	56.5	17.96	54.5	17.10	52.7	16.26	49.3	15.32
	-5.0	-5.6	63.6	18.83	60.2	17.94	56.5	17.03	54.5	16.22	52.7	15.45	49.3	14.52
	-3.0	-3.7	63.6	17.82	60.2	16.94	56.5	16.09	54.5	15.34	52.7	14.62	49.3	13.73
	0.0	-0.7	63.6	16.30	60.2	15.44	56.5	14.68	54.5	14.02	52.7	13.39	49.3	12.54
	3.0	2.2	63.6	14.79	60.2	13.95	56.5	13.27	54.5	12.71	52.7	12.15	49.3	11.35
	5.0	4.1	63.6	13.78	60.2	12.95	56.5	12.34	54.5	11.83	52.7	11.33	49.3	10.56
	7.0	6	63.6	12.76	60.2	11.96	56.5	11.40	54.5	10.95	52.7	10.51	49.3	9.76
	9.0	7.9	63.6	11.39	60.2	10.66	56.5	10.17	54.5	9.78	52.7	9.37	49.3	8.71
	11.0	9.8	63.6	10.63	60.2	9.96	56.5	9.49	54.5	9.12	52.7	8.75	49.3	8.14
	13.0	11.8	63.6	9.96	60.2	9.32	56.5	8.90	54.5	8.55	52.7	8.20	49.3	7.63
	15.0	13.7	63.6	9.41	60.2	8.82	56.5	8.41	54.5	8.07	52.7	7.75	49.3	7.21
50	-24.8	-25	53.0	22.40	50.0	23.06	47.0	21.80	45.5	20.61	44.0	19.50	41.0	18.47
	-21.8	-22	53.0	23.06	50.0	21.80	47.0	20.61	45.5	19.50	44.0	18.47	41.0	17.48
	-19.8	-20	53.0	22.17	50.0	20.95	47.0	19.83	45.5	18.75	44.0	17.78	41.0	16.81
	-18.8	-19	53.0	21.73	50.0	20.52	47.0	19.44	45.5	18.39	44.0	17.44	41.0	16.49
	-16.7	-17	53.0	20.80	50.0	19.65	47.0	18.61	45.5	17.61	44.0	16.71	41.0	15.79
	-13.7	-15	53.0	19.47	50.0	18.37	47.0	17.43	45.5	16.50	44.0	15.67	41.0	14.80
	-11.8	-13	53.0	18.63	50.0	17.57	47.0	16.67	45.5	15.79	44.0	15.02	41.0	14.18
	-9.8	-11	53.0	17.74	50.0	16.73	47.0	15.89	45.5	15.05	44.0	14.33	41.0	13.51
	-9.5	-10	53.0	17.61	50.0	16.61	47.0	15.77	45.5	14.94	44.0	14.23	41.0	13.42
	-8.5	-9.1	53.0	17.16	50.0	16.18	47.0	15.38	45.5	14.57	44.0	13.89	41.0	13.09
	-7.0	-7.6	53.0	16.50	50.0	15.55	47.0	14.79	45.5	14.01	44.0	13.37	41.0	12.59
	-5.0	-5.6	53.0	15.61	50.0	14.71	47.0	14.01	45.5	13.27	44.0	12.68	41.0	11.94
	-3.0	-3.7	53.0	14.72	50.0	13.86	47.0	13.21	45.5	12.53	44.0	11.99	41.0	11.27
	0.0	-0.7	53.0	13.40	50.0	12.59	47.0	12.04	45.5	11.42	44.0	10.95	41.0	10.28
	3.0	2.2	53.0	12.07	50.0	11.33	47.0	10.85	45.5	10.30	44.0	9.92	41.0	9.29
	5.0	4.1	53.0	11.18	50.0	10.48	47.0	10.07	45.5	9.56	44.0	9.23	41.0	8.64
	7.0	6	53.0	10.29	50.0	9.64	47.0	9.29	45.5	8.82	44.0	8.54	41.0	7.97
	9.0	7.9	53.0	9.29	50.0	8.70	47.0	8.39	45.5	7.97	44.0	7.72	41.0	7.20
	11.0	9.8	53.0	8.70	50.0	8.14	47.0	7.85	45.5	7.45	44.0	7.22	41.0	6.73
	13.0	11.8	53.0	8.17	50.0	7.65	47.0	7.36	45.5	7.00	44.0	6.78	41.0	6.33
	15.0	13.7	53.0	7.73	50.0	7.24	47.0	6.97	45.5	6.62	44.0	6.41	41.0	5.99

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM320LTE5

Heating Capacity (32HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	63.4	32.65	63.4	32.93	63.0	33.18	63.0	33.55	63.0	33.92	62.2	34.48
	-21.8	-22	76.4	33.22	76.4	33.50	75.9	33.75	75.9	34.12	75.9	34.48	74.9	35.04
	-19.8	-20	80.3	33.59	80.3	33.88	79.7	34.12	79.7	34.50	79.7	34.85	78.7	35.42
	-18.8	-19	82.0	33.78	82.0	34.06	81.5	34.31	81.5	34.68	81.5	35.04	80.4	35.60
	-16.7	-17	85.8	34.18	85.8	34.46	85.3	34.71	85.3	35.08	85.3	35.43	84.1	36.00
	-13.7	-15	91.2	34.75	91.2	35.02	90.7	35.27	90.7	35.64	90.7	36.00	89.4	34.55
	-11.8	-13	94.2	35.10	94.2	35.38	93.6	35.63	93.6	36.00	93.6	35.02	92.7	33.63
	-9.8	-11	97.3	35.47	97.3	35.76	96.7	36.00	96.7	34.95	96.7	33.99	95.9	32.67
	-9.5	-10	97.9	35.54	97.9	35.81	97.3	35.84	97.3	34.79	97.2	33.83	96.4	32.52
	-8.5	-9.1	100.0	35.72	100.0	36.00	99.4	35.29	99.4	34.26	98.7	33.31	98.1	32.03
	-7.0	-7.6	103.2	36.00	103.2	35.19	102.5	34.48	102.5	33.46	102.5	32.54	101.2	31.31
	-5.0	-5.6	107.3	34.94	107.3	34.12	106.6	33.39	106.6	32.41	106.6	31.51	104.6	30.34
	-3.0	-3.7	111.5	33.88	111.5	33.04	110.8	32.30	110.8	31.35	110.8	30.47	108.1	29.37
	0.0	-0.7	117.6	32.29	117.6	31.43	117.0	30.66	117.0	29.77	117.0	28.92	113.1	27.92
	3.0	2.2	123.9	30.70	123.9	29.81	123.1	29.03	123.1	28.18	121.6	27.36	113.8	26.47
	5.0	4.1	127.6	29.64	127.6	28.73	126.9	27.94	125.7	27.13	122.2	26.32	113.8	25.50
	7.0	6	129.9	28.57	129.9	27.65	129.2	26.85	126.7	26.07	122.2	25.29	113.8	24.54
	9.0	7.9	130.3	27.69	130.3	26.80	129.9	26.02	126.7	25.26	122.2	24.51	113.8	23.78
	11.0	9.8	130.3	27.05	130.3	26.17	129.9	25.42	126.7	24.67	122.2	23.94	113.8	23.22
	13.0	11.8	130.3	26.35	130.3	25.51	129.9	24.76	126.7	24.04	122.2	23.33	113.8	22.63
	15.0	13.7	130.3	25.62	130.3	24.79	129.9	24.06	126.7	23.37	122.2	22.67	113.8	21.99
120	-24.8	-25	63.0	32.93	63.0	33.18	62.5	33.55	62.5	33.92	62.5	34.48	61.7	34.88
	-21.8	-22	75.9	33.50	75.9	33.75	75.4	34.12	75.4	34.48	75.4	35.04	74.4	35.43
	-19.8	-20	79.7	33.88	79.7	34.12	79.2	34.50	79.2	34.85	79.2	35.42	78.1	35.81
	-18.8	-19	81.5	34.06	81.5	34.31	81.0	34.68	81.0	35.04	81.0	35.60	79.9	36.00
	-16.7	-17	85.3	34.46	85.3	34.71	84.7	35.08	84.7	35.43	84.7	36.00	83.5	35.07
	-13.7	-15	90.5	35.02	90.5	35.27	90.0	35.64	90.0	36.00	90.0	34.60	88.8	33.74
	-11.8	-13	93.5	35.38	93.5	35.63	92.9	36.00	92.9	35.01	92.9	33.72	92.0	32.89
	-9.8	-11	96.6	35.76	96.6	36.00	96.0	34.91	96.0	33.97	96.0	32.79	95.3	32.00
	-9.5	-10	97.3	35.81	97.3	35.83	96.7	34.75	96.7	33.81	96.7	32.65	95.9	31.87
	-8.5	-9.1	99.3	36.00	99.3	35.24	98.7	34.19	98.7	33.29	98.7	32.19	97.8	31.42
	-7.0	-7.6	102.4	35.13	102.4	34.37	101.8	33.38	101.8	32.51	101.6	31.49	100.4	30.75
	-5.0	-5.6	106.6	33.96	106.6	33.21	105.8	32.28	105.8	31.46	105.8	30.56	104.0	29.86
	-3.0	-3.7	110.7	32.79	110.7	32.05	110.0	31.18	110.0	30.42	110.0	29.63	106.9	28.97
	0.0	-0.7	116.8	31.04	116.8	30.30	116.1	29.54	116.1	28.86	114.9	28.23	106.9	27.64
	3.0	2.2	123.1	29.28	123.1	28.55	121.4	27.90	118.7	27.30	115.0	26.84	106.9	26.31
	5.0	4.1	126.6	28.12	126.1	27.39	122.9	26.80	118.7	26.26	115.0	25.91	106.9	25.42
	7.0	6	129.0	26.95	127.9	26.22	122.9	25.70	118.7	25.21	115.0	24.98	106.9	24.53
	9.0	7.9	129.3	26.06	127.9	25.35	122.9	24.86	118.7	24.38	115.0	24.15	106.9	23.72
	11.0	9.8	129.3	25.40	127.9	24.70	122.9	24.21	118.7	23.75	115.0	23.53	106.9	23.12
	13.0	11.8	129.3	24.68	127.9	24.01	122.9	23.54	118.7	23.09	115.0	22.87	106.9	22.46
	15.0	13.7	129.3	23.92	127.9	23.27	122.9	22.82	118.7	22.38	115.0	22.17	106.9	21.77
110	-24.8	-25	62.6	33.18	62.6	33.55	62.2	33.92	62.2	34.48	62.2	34.88	61.4	35.06
	-21.8	-22	75.5	33.75	75.5	34.12	75.0	34.48	75.0	35.04	75.0	35.43	74.0	35.63
	-19.8	-20	79.2	34.12	79.2	34.50	78.8	34.85	78.8	35.42	78.8	35.81	77.6	36.00
	-18.8	-19	81.0	34.31	81.0	34.68	80.5	35.04	80.5	35.60	80.5	36.00	79.4	35.51
	-16.7	-17	84.8	34.71	84.8	35.08	84.2	35.43	84.2	36.00	84.2	35.00	83.0	34.49
	-13.7	-15	90.1	35.27	90.1	35.64	89.4	36.00	89.4	34.48	89.4	33.56	89.4	33.02
	-11.8	-13	93.0	35.63	93.0	36.00	92.4	34.92	92.4	33.52	92.4	32.65	92.4	32.10
	-9.8	-11	96.1	36.00	96.1	34.79	95.5	33.79	95.5	32.50	95.5	31.70	95.1	31.12
	-9.5	-10	96.7	35.80	96.7	34.59	96.2	33.62	96.2	32.35	96.2	31.56	95.9	30.97
	-8.5	-9.1	98.8	35.15	98.8	33.99	98.1	33.06	98.1	31.83	98.1	31.07	96.2	30.49
	-7.0	-7.6	101.9	34.15	101.9	33.07	101.3	32.20	101.3	31.07	101.3	30.36	96.2	29.76
	-5.0	-5.6	106.0	32.83	106.0	31.85	105.3	31.07	105.3	30.06	103.0	29.40	96.2	28.78
	-3.0	-3.7	110.0	31.52	110.0	30.64	109.2	29.93	106.6	29.04	103.0	28.44	96.2	27.81
	0.0	-0.7	116.2	29.53	115.8	28.81	110.2	28.23	106.6	27.51	103.0	27.01	96.2	26.34
	3.0	2.2	121.9	27.55	117.4	26.97	110.2	26.52	106.6	26.00	103.0	25.57	96.2	24.88
	5.0	4.1	124.3	26.23	117.4	25.76	110.2	25.40	106.6	24.98	103.0	24.62	96.2	23.90
	7.0	6	124.3	24.90	117.4	24.53	110.2	24.26	106.6	23.96	103.0	23.65	96.2	22.92
	9.0	7.9	124.3	23.98	117.4	23.62	110.2	23.36	106.6	23.08	103.0	22.77	96.2	22.07
	11.0	9.8	124.3	23.25	117.4	22.91	110.2	22.65	106.6	22.37	103.0	22.08	96.2	21.40
	13.0	11.8	124.3	22.48	117.4	22.15	110.2	21.90	106.6	21.63	103.0	21.35	96.2	20.70
	15.0	13.7	124.3	21.67	117.4	21.34	110.2	21.10	106.6	20.85	103.0	20.58	96.2	19.94

7. Capacity Tables

Heating Capacity (32HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	62.3	36.69	62.3	36.60	62.0	34.28	62.0	36.37	62.0	36.28	61.1	36.23
	-21.8	-22	75.1	36.56	75.1	36.46	74.7	35.36	74.7	36.24	74.7	36.63	73.6	36.10
	-19.8	-20	78.9	36.46	78.9	36.36	78.4	36.04	78.4	36.14	78.4	36.21	77.3	36.00
	-18.8	-19	80.7	36.41	80.2	36.33	80.2	36.24	80.2	36.09	80.2	36.00	79.1	35.41
	-16.7	-17	83.9	36.32	83.9	36.23	83.9	36.63	83.4	36.00	83.4	34.78	82.2	34.18
	-13.7	-15	89.6	36.18	89.6	36.09	89.1	36.00	89.1	34.23	89.1	33.04	87.9	32.41
	-11.8	-13	92.5	36.10	92.0	36.00	92.0	34.81	92.0	33.10	92.0	31.93	87.9	31.28
	-9.8	-11	95.6	36.00	95.6	34.66	95.2	33.55	95.2	31.92	94.4	30.77	87.9	30.10
	-9.5	-10	96.2	35.79	96.2	34.45	95.7	33.35	95.7	31.74	94.4	30.60	87.9	29.93
	-8.5	-9.1	98.3	35.08	98.3	33.79	97.8	32.73	97.6	31.14	94.4	30.01	87.9	29.34
	-7.0	-7.6	103.0	34.02	102.6	32.77	100.8	31.77	97.6	30.25	94.4	29.14	87.9	28.45
	-5.0	-5.6	107.5	32.60	106.4	31.43	100.8	30.51	97.6	29.07	94.4	27.98	87.9	27.28
	-3.0	-3.7	110.6	31.19	107.2	30.09	100.8	29.26	97.6	27.88	94.4	26.82	87.9	26.10
	0.0	-0.7	113.7	29.07	107.2	28.07	100.8	27.36	97.6	26.11	94.4	25.07	87.9	24.33
	3.0	2.2	113.7	26.94	107.2	26.05	100.8	25.47	97.6	24.33	94.4	23.34	87.9	22.56
	5.0	4.1	113.7	25.53	107.2	24.70	100.8	24.21	97.6	23.14	94.4	22.17	87.9	21.38
	7.0	6	113.7	24.11	107.2	23.36	100.8	22.95	97.6	21.95	94.4	21.01	87.9	20.20
	9.0	7.9	113.7	23.06	107.2	22.34	100.8	21.95	97.6	21.00	94.4	20.10	87.9	19.32
	11.0	9.8	113.7	22.20	107.2	21.50	100.8	21.13	97.6	20.21	94.4	19.34	87.9	18.60
	13.0	11.8	113.7	21.29	107.2	20.62	100.8	20.26	97.6	19.38	94.4	18.55	87.9	17.83
	15.0	13.7	113.7	20.33	107.2	19.68	100.8	19.34	97.6	18.51	94.4	17.71	87.9	17.03
90	-24.8	-25	62.1	32.64	62.1	33.20	61.7	33.60	61.7	33.78	61.7	34.17	60.9	34.73
	-21.8	-22	74.8	33.20	74.8	33.77	74.4	34.17	74.4	34.35	74.4	34.73	73.3	33.18
	-19.8	-20	78.6	33.59	78.6	34.14	78.1	34.54	78.1	34.73	78.1	33.67	77.1	32.16
	-18.8	-19	80.7	33.77	80.2	34.34	79.9	34.73	79.9	34.18	79.9	33.14	78.8	31.64
	-16.7	-17	83.9	34.17	83.9	34.73	83.5	33.59	83.5	33.03	83.5	32.03	80.3	30.56
	-13.7	-15	89.6	34.73	89.6	33.03	88.8	31.97	88.8	31.40	86.5	30.44	80.3	29.02
	-11.8	-13	92.5	33.56	92.0	31.96	91.7	30.94	89.4	30.36	86.5	29.43	80.3	28.04
	-9.8	-11	95.6	32.34	95.6	30.84	92.2	29.87	89.4	29.26	86.5	28.38	80.3	27.01
	-9.5	-10	96.2	32.15	96.2	30.66	92.2	29.70	89.4	29.09	86.5	28.22	80.3	26.86
	-8.5	-9.1	98.3	31.54	97.5	30.11	92.2	29.16	89.4	28.55	86.5	27.69	80.3	26.34
	-7.0	-7.6	103.0	30.62	97.9	29.26	92.2	28.35	89.4	27.73	86.5	26.89	80.3	25.57
	-5.0	-5.6	104.1	29.39	97.9	28.13	92.2	27.27	89.4	26.64	86.5	25.83	80.3	24.55
	-3.0	-3.7	104.1	28.17	97.9	27.00	92.2	26.19	89.4	25.54	86.5	24.77	80.3	23.51
	0.0	-0.7	104.1	26.33	97.9	25.30	92.2	24.57	89.4	23.90	86.5	23.19	80.3	21.97
	3.0	2.2	104.1	24.49	97.9	23.62	92.2	22.95	89.4	22.27	86.5	21.60	80.3	20.43
	5.0	4.1	104.1	23.26	97.9	22.48	92.2	21.86	89.4	21.17	86.5	20.54	80.3	19.39
	7.0	6	104.1	22.04	97.9	21.36	92.2	20.78	89.4	20.08	86.5	19.48	80.3	18.37
	9.0	7.9	104.1	20.89	97.9	20.25	92.2	19.71	89.4	19.03	86.5	18.47	80.3	17.41
	11.0	9.8	104.1	19.74	97.9	19.14	92.2	18.62	89.4	17.99	86.5	17.45	80.3	16.46
	13.0	11.8	104.1	18.60	97.9	18.03	92.2	17.54	89.4	16.94	86.5	16.44	80.3	15.50
	15.0	13.7	104.1	17.45	97.9	16.91	92.2	16.46	89.4	15.89	86.5	15.42	80.3	14.55
80	-24.8	-25	61.8	28.70	61.8	29.27	61.5	29.67	61.5	29.85	61.5	30.80	60.6	29.44
	-21.8	-22	74.0	29.27	74.0	29.84	74.0	30.23	74.0	30.80	74.0	29.44	71.8	28.14
	-19.8	-20	77.8	29.65	77.8	30.21	77.8	30.80	77.8	29.83	76.9	28.53	71.8	27.27
	-18.8	-19	79.6	29.84	79.6	30.80	79.6	30.30	79.4	29.35	77.1	28.08	71.8	26.84
	-16.7	-17	82.5	30.80	82.5	29.77	82.5	29.28	80.0	28.35	77.1	27.13	71.8	25.93
	-13.7	-15	86.2	29.28	84.6	28.31	82.5	27.81	80.0	26.90	77.1	25.77	71.8	24.63
	-11.8	-13	88.5	28.31	85.9	27.38	82.5	26.88	80.0	25.99	77.1	24.91	71.8	23.80
	-9.8	-11	90.9	27.29	87.1	26.41	82.5	25.90	80.0	25.03	77.1	24.01	71.8	22.94
	-9.5	-10	91.5	27.14	87.5	26.26	82.5	25.75	80.0	24.89	77.1	23.87	71.8	22.80
	-8.5	-9.1	92.4	26.64	87.9	25.78	82.5	25.27	80.0	24.40	77.1	23.41	71.8	22.38
	-7.0	-7.6	93.3	25.88	87.9	25.04	82.5	24.53	80.0	23.68	77.1	22.74	71.8	21.72
	-5.0	-5.6	93.3	24.86	87.9	24.08	82.5	23.56	80.0	22.72	77.1	21.82	71.8	20.86
	-3.0	-3.7	93.3	23.84	87.9	23.10	82.5	22.58	80.0	21.76	77.1	20.92	71.8	19.98
	0.0	-0.7	93.3	22.32	87.9	21.64	82.5	21.11	80.0	20.32	77.1	19.56	71.8	18.68
	3.0	2.2	93.3	20.80	87.9	20.17	82.5	19.64	80.0	18.87	77.1	18.20	71.8	17.39
	5.0	4.1	93.3	19.78	87.9	19.20	82.5	18.66	80.0	17.91	77.1	17.30	71.8	16.52
	7.0	6	93.3	18.77	87.9	18.22	82.5	17.69	80.0	16.95	77.1	16.39	71.8	15.65
	9.0	7.9	93.3	17.62	87.9	17.11	82.5	16.61	80.0	15.92	77.1	15.39	71.8	14.70
	11.0	9.8	93.3	16.36	87.9	15.89	82.5	15.42	80.0	14.77	77.1	14.28	71.8	13.64
	13.0	11.8	93.3	15.27	87.9	14.83	82.5	14.39	80.0	13.79	77.1	13.34	71.8	12.73
	15.0	13.7	93.3	14.37	87.9	13.95	82.5	13.54	80.0	12.98	77.1	12.56	71.8	11.98

7. Capacity Tables

Heating Capacity (32HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	61.8	28.79	61.8	28.98	61.5	29.36	61.5	29.92	61.5	28.47	60.5	27.10
	-21.8	-22	70.7	29.36	70.7	29.54	70.2	29.92	67.8	28.47	65.8	27.10	61.4	25.79
	-19.8	-20	76.6	29.74	74.7	29.92	70.2	28.90	67.8	27.50	65.8	26.20	61.4	24.92
	-18.8	-19	78.8	29.92	74.7	29.39	70.2	28.38	67.8	27.00	65.8	25.74	61.4	24.48
	-16.7	-17	79.0	28.82	74.7	28.27	70.2	27.31	67.8	25.99	65.8	24.79	61.4	23.56
	-13.7	-15	79.0	27.24	74.7	26.68	70.2	25.77	67.8	24.53	65.8	23.43	61.4	22.25
	-11.8	-13	79.0	26.23	74.7	25.67	70.2	24.80	67.8	23.60	65.8	22.56	61.4	21.42
	-9.8	-11	79.0	25.19	74.7	24.61	70.2	23.77	67.8	22.63	65.8	21.66	61.4	20.54
	-9.5	-10	79.0	25.02	74.7	24.45	70.2	23.62	67.8	22.49	65.8	21.53	61.4	20.41
	-8.5	-9.1	79.0	24.50	74.7	23.92	70.2	23.11	67.8	22.00	65.8	21.07	61.4	19.98
	-7.0	-7.6	79.0	23.71	74.7	23.13	70.2	22.34	67.8	21.28	65.8	20.39	61.4	19.32
	-5.0	-5.6	79.0	22.66	74.7	22.06	70.2	21.31	67.8	20.30	65.8	19.48	61.4	18.45
	-3.0	-3.7	79.0	21.61	74.7	21.00	70.2	20.29	67.8	19.33	65.8	18.57	61.4	17.57
	0.0	-0.7	79.0	20.03	74.7	19.41	70.2	18.75	67.8	17.88	65.8	17.21	61.4	16.26
	3.0	2.2	79.0	18.45	74.7	17.81	70.2	17.21	67.8	16.42	65.8	15.86	61.4	14.94
	5.0	4.1	79.0	17.40	74.7	16.74	70.2	16.19	67.8	15.45	65.8	14.94	61.4	14.08
	7.0	6	79.0	16.34	74.7	15.69	70.2	15.16	67.8	14.48	65.8	14.04	61.4	13.20
	9.0	7.9	79.0	14.76	74.7	14.17	70.2	13.69	67.8	13.07	65.8	12.67	61.4	11.92
	11.0	9.8	79.0	13.75	74.7	13.19	70.2	12.75	67.8	12.17	65.8	11.81	61.4	11.09
	13.0	11.8	79.0	12.86	74.7	12.34	70.2	11.92	67.8	11.39	65.8	11.04	61.4	10.39
	15.0	13.7	79.0	12.12	74.7	11.64	70.2	11.25	67.8	10.73	65.8	10.41	61.4	9.79
60	-24.8	-25	60.6	28.34	60.6	28.72	60.2	29.29	58.2	27.75	56.2	26.30	52.6	24.95
	-21.8	-22	64.9	28.91	64.2	29.29	60.2	27.75	58.2	26.30	56.2	24.95	52.6	23.64
	-19.8	-20	67.8	29.29	64.2	28.20	60.2	26.72	58.2	25.34	56.2	24.04	52.6	22.77
	-18.8	-19	67.8	28.74	64.2	27.66	60.2	26.21	58.2	24.86	56.2	23.59	52.6	22.33
	-16.7	-17	67.8	27.58	64.2	26.50	60.2	25.13	58.2	23.85	56.2	22.65	52.6	21.42
	-13.7	-15	67.8	25.92	64.2	24.87	60.2	23.58	58.2	22.41	56.2	21.29	52.6	20.11
	-11.8	-13	67.8	24.88	64.2	23.83	60.2	22.60	58.2	21.49	56.2	20.43	52.6	19.29
	-9.8	-11	67.8	23.77	64.2	22.74	60.2	21.58	58.2	20.53	56.2	19.53	52.6	18.41
	-9.5	-10	67.8	23.60	64.2	22.58	60.2	21.43	58.2	20.38	56.2	19.39	52.6	18.28
	-8.5	-9.1	67.8	23.05	64.2	22.04	60.2	20.91	58.2	19.91	56.2	18.94	52.6	17.85
	-7.0	-7.6	67.8	22.23	64.2	21.22	60.2	20.14	58.2	19.18	56.2	18.26	52.6	17.20
	-5.0	-5.6	67.8	21.12	64.2	20.13	60.2	19.12	58.2	18.22	56.2	17.36	52.6	16.32
	-3.0	-3.7	67.8	20.02	64.2	19.04	60.2	18.09	58.2	17.26	56.2	16.45	52.6	15.45
	0.0	-0.7	67.8	18.36	64.2	17.39	60.2	16.55	58.2	15.81	56.2	15.10	52.6	14.15
	3.0	2.2	67.8	16.71	64.2	15.76	60.2	15.00	58.2	14.37	56.2	13.74	52.6	12.84
	5.0	4.1	67.8	15.61	64.2	14.67	60.2	13.98	58.2	13.41	56.2	12.84	52.6	11.97
	7.0	6	67.8	14.50	64.2	13.58	60.2	12.95	58.2	12.44	56.2	11.94	52.6	11.09
	9.0	7.9	67.8	12.94	64.2	12.12	60.2	11.55	58.2	11.11	56.2	10.65	52.6	9.90
	11.0	9.8	67.8	12.08	64.2	11.31	60.2	10.78	58.2	10.37	56.2	9.95	52.6	9.25
	13.0	11.8	67.8	11.31	64.2	10.59	60.2	10.11	58.2	9.72	56.2	9.31	52.6	8.66
	15.0	13.7	67.8	10.69	64.2	10.02	60.2	9.55	58.2	9.17	56.2	8.81	52.6	8.19
50	-24.8	-25	56.6	25.00	53.4	25.56	50.2	24.19	48.6	22.90	46.9	21.69	43.7	20.56
	-21.8	-22	56.6	25.56	53.4	24.19	50.2	22.90	48.6	21.69	46.9	20.56	43.7	19.47
	-19.8	-20	56.6	24.60	53.4	23.27	50.2	22.04	48.6	20.87	46.9	19.80	43.7	18.74
	-18.8	-19	56.6	24.12	53.4	22.80	50.2	21.62	48.6	20.47	46.9	19.43	43.7	18.39
	-16.7	-17	56.6	23.11	53.4	21.85	50.2	20.72	48.6	19.61	46.9	18.63	43.7	17.63
	-13.7	-15	56.6	21.67	53.4	20.46	50.2	19.42	48.6	18.40	46.9	17.50	43.7	16.54
	-11.8	-13	56.6	20.75	53.4	19.59	50.2	18.61	48.6	17.63	46.9	16.79	43.7	15.86
	-9.8	-11	56.6	19.79	53.4	18.67	50.2	17.75	48.6	16.82	46.9	16.03	43.7	15.13
	-9.5	-10	56.6	19.64	53.4	18.54	50.2	17.62	48.6	16.70	46.9	15.93	43.7	15.02
	-8.5	-9.1	56.6	19.16	53.4	18.07	50.2	17.20	48.6	16.30	46.9	15.55	43.7	14.66
	-7.0	-7.6	56.6	18.43	53.4	17.39	50.2	16.55	48.6	15.69	46.9	14.98	43.7	14.12
	-5.0	-5.6	56.6	17.47	53.4	16.47	50.2	15.70	48.6	14.88	46.9	14.23	43.7	13.40
	-3.0	-3.7	56.6	16.51	53.4	15.55	50.2	14.83	48.6	14.07	46.9	13.47	43.7	12.67
	0.0	-0.7	56.6	15.07	53.4	14.16	50.2	13.55	48.6	12.86	46.9	12.34	43.7	11.59
	3.0	2.2	56.6	13.62	53.4	12.79	50.2	12.26	48.6	11.64	46.9	11.21	43.7	10.50
	5.0	4.1	56.6	12.66	53.4	11.87	50.2	11.41	48.6	10.83	46.9	10.46	43.7	9.78
	7.0	6	56.6	11.70	53.4	10.95	50.2	10.55	48.6	10.02	46.9	9.70	43.7	9.06
	9.0	7.9	56.6	10.56	53.4	9.89	50.2	9.53	48.6	9.05	46.9	8.77	43.7	8.18
	11.0	9.8	56.6	9.89	53.4	9.25	50.2	8.91	48.6	8.47	46.9	8.20	43.7	7.65
	13.0	11.8	56.6	9.28	53.4	8.69	50.2	8.37	48.6	7.95	46.9	7.70	43.7	7.19
	15.0	13.7	56.6	8.78	53.4	8.22	50.2	7.92	48.6	7.52	46.9	7.29	43.7	6.80

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM340LTE5

Heating Capacity (34HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	66.8	34.29	66.8	34.49	66.4	34.67	66.4	34.94	66.4	35.20	65.1	35.60
	-21.8	-22	81.3	34.70	81.3	34.90	80.7	35.08	80.7	35.35	80.7	35.60	79.2	36.01
	-19.8	-20	85.8	34.97	85.8	35.17	85.2	35.35	85.2	35.62	85.2	35.87	83.6	36.28
	-18.8	-19	87.6	35.10	87.6	35.30	87.1	35.48	87.1	35.75	87.1	36.01	85.4	36.41
	-16.7	-17	91.7	35.39	91.7	35.59	91.1	35.77	91.1	36.04	91.1	36.29	89.4	36.70
	-13.7	-15	97.4	35.80	97.4	35.99	96.9	36.17	96.9	36.44	96.9	36.70	95.0	35.36
	-11.8	-13	100.6	36.05	100.6	36.25	100.0	36.43	100.0	36.70	100.0	35.80	98.5	34.51
	-9.8	-11	103.9	36.32	103.9	36.52	103.3	36.70	103.3	35.75	103.3	34.86	102.2	33.62
	-9.5	-10	104.6	36.37	104.6	36.56	103.9	36.55	103.9	35.61	103.9	34.71	102.8	33.48
	-8.5	-9.1	106.6	36.50	106.6	36.70	105.9	36.07	105.9	35.12	105.4	34.24	104.7	33.03
	-7.0	-7.6	109.6	36.70	109.6	36.00	108.9	35.34	108.9	34.40	108.9	33.53	107.5	32.36
	-5.0	-5.6	113.6	35.79	113.6	35.05	112.9	34.38	112.9	33.46	112.9	32.59	111.2	31.47
	-3.0	-3.7	117.6	34.90	117.6	34.11	116.9	33.41	116.9	32.50	116.9	31.64	114.9	30.57
	0.0	-0.7	123.6	33.55	123.6	32.71	122.9	31.95	122.9	31.07	122.9	30.22	120.2	29.23
	3.0	2.2	129.7	32.20	129.7	31.30	128.8	30.50	128.8	29.63	128.8	28.80	120.9	27.88
	5.0	4.1	133.7	31.30	133.7	30.35	132.9	29.53	132.9	28.69	129.9	27.85	120.9	26.99
	7.0	6	137.7	30.39	137.7	29.41	136.8	28.56	134.6	27.73	129.9	26.90	120.9	26.10
	9.0	7.9	138.4	29.65	138.4	28.70	138.0	27.87	134.6	27.06	129.9	26.25	120.9	25.46
	11.0	9.8	138.4	29.18	138.4	28.24	138.0	27.42	134.6	26.62	129.9	25.83	120.9	25.05
	13.0	11.8	138.4	28.66	138.4	27.74	138.0	26.93	134.6	26.15	129.9	25.37	120.9	24.61
	15.0	13.7	138.4	28.11	138.4	27.20	138.0	26.41	134.6	25.64	129.9	24.88	120.9	24.13
120	-24.8	-25	66.3	34.49	66.3	34.67	65.9	34.94	65.9	35.20	65.9	35.60	64.6	35.89
	-21.8	-22	80.7	34.90	80.7	35.08	80.2	35.35	80.2	35.60	80.2	36.01	78.7	36.29
	-19.8	-20	85.1	35.17	85.1	35.35	84.6	35.62	84.6	35.87	84.6	36.28	82.9	36.56
	-18.8	-19	87.1	35.30	87.1	35.48	86.5	35.75	86.5	36.01	86.5	36.41	84.8	36.70
	-16.7	-17	91.1	35.59	91.1	35.77	90.5	36.04	90.5	36.29	90.5	36.70	88.7	35.83
	-13.7	-15	96.7	35.99	96.7	36.17	96.2	36.44	96.2	36.70	96.2	35.41	94.3	34.60
	-11.8	-13	99.9	36.25	99.9	36.43	99.3	36.70	99.3	35.79	99.3	34.60	97.8	33.82
	-9.8	-11	103.2	36.52	103.2	36.70	102.5	35.71	102.5	34.84	102.5	33.75	101.5	33.00
	-9.5	-10	103.9	36.56	103.9	36.55	103.2	35.56	103.2	34.69	103.2	33.62	102.1	32.88
	-8.5	-9.1	105.8	36.70	105.8	36.02	105.2	35.06	105.2	34.22	105.2	33.19	104.0	32.46
	-7.0	-7.6	108.8	35.93	108.8	35.23	108.1	34.32	108.1	33.50	108.1	32.56	106.7	31.84
	-5.0	-5.6	112.8	34.89	112.8	34.18	112.0	33.31	112.0	32.54	112.0	31.70	110.5	31.02
	-3.0	-3.7	116.8	33.85	116.8	33.14	116.1	32.32	116.1	31.59	116.1	30.84	113.6	30.20
	0.0	-0.7	122.7	32.30	122.7	31.56	122.0	30.83	122.0	30.16	122.0	29.56	113.6	28.97
	3.0	2.2	128.8	30.73	128.8	29.98	127.9	29.33	126.2	28.73	122.2	28.28	113.6	27.73
	5.0	4.1	132.7	29.70	132.7	28.94	130.5	28.34	126.2	27.77	122.2	27.42	113.6	26.91
	7.0	6	136.8	28.66	135.8	27.89	130.5	27.34	126.2	26.82	122.2	26.57	113.6	26.09
	9.0	7.9	137.3	27.90	135.8	27.14	130.5	26.61	126.2	26.10	122.2	25.85	113.6	25.39
	11.0	9.8	137.3	27.38	135.8	26.63	130.5	26.10	126.2	25.60	122.2	25.37	113.6	24.92
	13.0	11.8	137.3	26.81	135.8	26.09	130.5	25.57	126.2	25.08	122.2	24.84	113.6	24.40
	15.0	13.7	137.3	26.21	135.8	25.49	130.5	25.00	126.2	24.52	122.2	24.28	113.6	23.85
110	-24.8	-25	66.0	34.67	66.0	34.94	65.5	35.20	65.5	35.60	65.5	35.89	64.3	36.02
	-21.8	-22	80.2	35.08	80.2	35.35	79.7	35.60	79.7	36.01	79.7	36.29	78.2	36.43
	-19.8	-20	84.7	35.35	84.7	35.62	84.1	35.87	84.1	36.28	84.1	36.56	82.5	36.70
	-18.8	-19	86.6	35.48	86.6	35.75	86.0	36.01	86.0	36.41	86.0	36.70	84.4	36.24
	-16.7	-17	90.6	35.77	90.6	36.04	90.0	36.29	90.0	36.70	90.0	35.76	88.2	35.28
	-13.7	-15	96.2	36.17	96.2	36.44	95.6	36.70	95.6	35.28	95.6	34.42	95.6	33.89
	-11.8	-13	99.3	36.43	99.3	36.70	98.8	35.70	98.8	34.39	98.8	33.57	98.8	33.02
	-9.8	-11	102.7	36.70	102.7	35.58	102.0	34.64	102.0	33.43	102.0	32.68	101.6	32.10
	-9.5	-10	103.2	36.52	103.2	35.40	102.7	34.49	102.7	33.30	102.7	32.54	102.2	31.96
	-8.5	-9.1	105.2	35.91	105.2	34.84	104.6	33.97	104.6	32.82	104.6	32.09	102.2	31.51
	-7.0	-7.6	108.3	34.99	108.3	33.99	107.6	33.17	107.6	32.11	107.6	31.42	102.2	30.82
	-5.0	-5.6	112.2	33.78	112.2	32.86	111.5	32.12	111.5	31.17	109.5	30.53	102.2	29.90
	-3.0	-3.7	116.1	32.57	116.1	31.74	115.4	31.07	113.2	30.22	109.5	29.63	102.2	28.98
	0.0	-0.7	122.1	30.75	122.1	30.04	117.1	29.49	113.2	28.79	109.5	28.29	102.2	27.60
	3.0	2.2	128.0	28.92	124.8	28.35	117.1	27.90	113.2	27.38	109.5	26.95	102.2	26.22
	5.0	4.1	132.0	27.71	124.8	27.23	117.1	26.86	113.2	26.43	109.5	26.06	102.2	25.30
	7.0	6	132.1	26.49	124.8	26.09	117.1	25.80	113.2	25.49	109.5	25.16	102.2	24.38
	9.0	7.9	132.1	25.66	124.8	25.28	117.1	25.00	113.2	24.70	109.5	24.37	102.2	23.62
	11.0	9.8	132.1	25.06	124.8	24.69	117.1	24.41	113.2	24.11	109.5	23.80	102.2	23.06
	13.0	11.8	132.1	24.41	124.8	24.05	117.1	23.78	113.2	23.48	109.5	23.18	102.2	22.47
	15.0	13.7	132.1	23.72	124.8	23.36	117.1	23.10	113.2	22.82	109.5	22.53	102.2	21.83

7. Capacity Tables

Heating Capacity (34HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	65.7	38.02	65.7	37.85	65.3	35.22	65.3	37.41	65.3	37.23	64.0	37.14
	-21.8	-22	79.9	37.76	79.9	37.58	79.4	36.32	79.4	37.15	79.4	37.43	77.9	36.88
	-19.8	-20	84.3	37.58	84.3	37.40	83.8	37.01	83.8	36.97	83.8	36.94	82.1	36.70
	-18.8	-19	86.2	37.49	85.7	37.32	85.7	37.15	85.7	36.88	85.7	36.70	84.0	36.13
	-16.7	-17	89.6	37.31	89.6	37.13	89.6	37.43	89.1	36.70	89.1	35.53	87.4	34.94
	-13.7	-15	95.7	37.04	95.7	36.87	95.2	36.70	95.2	35.01	95.2	33.86	93.4	33.24
	-11.8	-13	98.8	36.88	98.3	36.70	98.3	35.58	98.3	33.94	98.3	32.80	93.4	32.16
	-9.8	-11	102.2	36.70	102.2	35.44	101.6	34.39	101.6	32.82	100.3	31.69	93.4	31.02
	-9.5	-10	102.7	36.50	102.7	35.25	102.2	34.21	102.2	32.65	100.3	31.53	93.4	30.85
	-8.5	-9.1	104.7	35.85	104.7	34.62	104.2	33.62	103.7	32.08	100.3	30.97	93.4	30.28
	-7.0	-7.6	109.5	34.86	109.0	33.67	107.1	32.72	103.7	31.23	100.3	30.13	93.4	29.43
	-5.0	-5.6	114.2	33.54	113.1	32.41	107.1	31.53	103.7	30.11	100.3	29.02	93.4	28.30
	-3.0	-3.7	117.5	32.23	113.9	31.15	107.1	30.35	103.7	28.99	100.3	27.91	93.4	27.17
	0.0	-0.7	120.8	30.25	113.9	29.26	107.1	28.56	103.7	27.30	100.3	26.23	93.4	25.46
	3.0	2.2	120.8	28.27	113.9	27.37	107.1	26.79	103.7	25.61	100.3	24.57	93.4	23.76
	5.0	4.1	120.8	26.96	113.9	26.10	107.1	25.60	103.7	24.48	100.3	23.45	93.4	22.62
	7.0	6	120.8	25.64	113.9	24.84	107.1	24.41	103.7	23.35	100.3	22.35	93.4	21.49
	9.0	7.9	120.8	24.71	113.9	23.94	107.1	23.53	103.7	22.50	100.3	21.53	93.4	20.71
	11.0	9.8	120.8	23.99	113.9	23.23	107.1	22.83	103.7	21.84	100.3	20.89	93.4	20.10
	13.0	11.8	120.8	23.22	113.9	22.49	107.1	22.09	103.7	21.14	100.3	20.22	93.4	19.45
	15.0	13.7	120.8	22.40	113.9	21.69	107.1	21.31	103.7	20.40	100.3	19.51	93.4	18.76
90	-24.8	-25	65.5	33.99	65.5	34.39	65.0	34.68	65.0	34.81	65.0	35.09	63.8	35.49
	-21.8	-22	79.6	34.39	79.6	34.80	79.1	35.09	79.1	35.22	79.1	35.49	77.5	33.98
	-19.8	-20	84.0	34.67	84.0	35.07	83.5	35.36	83.5	35.49	83.5	34.46	81.9	32.99
	-18.8	-19	86.2	34.80	85.7	35.21	85.4	35.49	85.4	34.96	85.4	33.95	83.7	32.48
	-16.7	-17	89.6	35.09	89.6	35.49	89.2	34.40	89.2	33.85	89.2	32.88	85.3	31.42
	-13.7	-15	95.7	35.49	95.7	33.87	94.9	32.84	94.9	32.28	91.9	31.34	85.3	29.93
	-11.8	-13	98.8	34.38	98.3	32.85	97.9	31.86	95.0	31.27	91.9	30.36	85.3	28.97
	-9.8	-11	102.2	33.22	102.2	31.77	98.0	30.83	95.0	30.22	91.9	29.34	85.3	27.96
	-9.5	-10	102.7	33.04	102.7	31.61	98.0	30.66	95.0	30.05	91.9	29.19	85.3	27.81
	-8.5	-9.1	104.7	32.47	103.9	31.07	98.0	30.15	95.0	29.53	91.9	28.67	85.3	27.32
	-7.0	-7.6	109.5	31.59	104.1	30.27	98.0	29.37	95.0	28.74	91.9	27.90	85.3	26.56
	-5.0	-5.6	110.7	30.42	104.1	29.19	98.0	28.33	95.0	27.68	91.9	26.87	85.3	25.56
	-3.0	-3.7	110.7	29.26	104.1	28.10	98.0	27.29	95.0	26.63	91.9	25.85	85.3	24.55
	0.0	-0.7	110.7	27.51	104.1	26.49	98.0	25.74	95.0	25.04	91.9	24.31	85.3	23.05
	3.0	2.2	110.7	25.77	104.1	24.88	98.0	24.18	95.0	23.47	91.9	22.77	85.3	21.54
	5.0	4.1	110.7	24.60	104.1	23.79	98.0	23.14	95.0	22.41	91.9	21.75	85.3	20.54
	7.0	6	110.7	23.44	104.1	22.72	98.0	22.10	95.0	21.35	91.9	20.72	85.3	19.54
	9.0	7.9	110.7	22.34	104.1	21.65	98.0	21.07	95.0	20.35	91.9	19.75	85.3	18.62
	11.0	9.8	110.7	21.23	104.1	20.58	98.0	20.03	95.0	19.35	91.9	18.77	85.3	17.70
	13.0	11.8	110.7	20.14	104.1	19.52	98.0	18.99	95.0	18.34	91.9	17.80	85.3	16.78
	15.0	13.7	110.7	19.03	104.1	18.45	98.0	17.95	95.0	17.34	91.9	16.82	85.3	15.87
80	-24.8	-25	65.2	29.96	65.2	30.37	64.8	30.66	64.8	30.79	64.8	31.47	63.5	30.15
	-21.8	-22	78.7	30.37	78.7	30.78	78.7	31.06	78.7	31.47	78.7	30.15	76.3	28.88
	-19.8	-20	83.1	30.64	83.1	31.05	83.1	31.47	83.1	30.53	81.9	29.26	76.3	28.02
	-18.8	-19	85.0	30.78	85.0	31.47	85.0	31.00	84.8	30.07	81.9	28.83	76.3	27.60
	-16.7	-17	87.7	31.47	87.7	30.49	87.7	30.01	85.0	29.09	81.9	27.90	76.3	26.71
	-13.7	-15	91.6	30.02	89.9	29.08	87.7	28.59	85.0	27.69	81.9	26.58	76.3	25.44
	-11.8	-13	94.0	29.09	91.2	28.19	87.7	27.69	85.0	26.81	81.9	25.73	76.3	24.63
	-9.8	-11	96.5	28.12	92.5	27.26	87.7	26.75	85.0	25.87	81.9	24.86	76.3	23.78
	-9.5	-10	97.2	27.97	93.0	27.11	87.7	26.60	85.0	25.73	81.9	24.72	76.3	23.65
	-8.5	-9.1	98.1	27.49	93.3	26.65	87.7	26.13	85.0	25.26	81.9	24.28	76.3	23.23
	-7.0	-7.6	99.1	26.76	93.3	25.94	87.7	25.42	85.0	24.56	81.9	23.62	76.3	22.59
	-5.0	-5.6	99.1	25.79	93.3	25.01	87.7	24.48	85.0	23.63	81.9	22.73	76.3	21.74
	-3.0	-3.7	99.1	24.82	93.3	24.07	87.7	23.54	85.0	22.69	81.9	21.85	76.3	20.89
	0.0	-0.7	99.1	23.36	93.3	22.66	87.7	22.12	85.0	21.30	81.9	20.52	76.3	19.62
	3.0	2.2	99.1	21.91	93.3	21.26	87.7	20.70	85.0	19.90	81.9	19.20	76.3	18.35
	5.0	4.1	99.1	20.93	93.3	20.32	87.7	19.75	85.0	18.96	81.9	18.32	76.3	17.50
	7.0	6	99.1	19.96	93.3	19.38	87.7	18.81	85.0	18.03	81.9	17.43	76.3	16.65
	9.0	7.9	99.1	18.74	93.3	18.20	87.7	17.66	85.0	16.93	81.9	16.37	76.3	15.63
	11.0	9.8	99.1	17.40	93.3	16.90	87.7	16.40	85.0	15.71	81.9	15.19	76.3	14.51
	13.0	11.8	99.1	16.24	93.3	15.77	87.7	15.30	85.0	14.67	81.9	14.19	76.3	13.54
	15.0	13.7	99.1	15.29	93.3	14.84	87.7	14.41	85.0	13.81	81.9	13.36	76.3	12.75

7. Capacity Tables

Heating Capacity (34HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	65.2	29.92	65.2	30.06	64.8	30.33	64.8	30.73	64.8	29.29	63.5	27.93
	-21.8	-22	75.1	30.33	75.1	30.46	74.6	30.73	72.1	29.29	69.9	27.93	65.3	26.62
	-19.8	-20	81.8	30.60	79.4	30.73	74.6	29.72	72.1	28.33	69.9	27.04	65.3	25.75
	-18.8	-19	84.0	30.73	79.4	30.21	74.6	29.21	72.1	27.84	69.9	26.58	65.3	25.31
	-16.7	-17	84.0	29.65	79.4	29.11	74.6	28.15	72.1	26.83	69.9	25.63	65.3	24.39
	-13.7	-15	84.0	28.10	79.4	27.54	74.6	26.63	72.1	25.38	69.9	24.28	65.3	23.08
	-11.8	-13	84.0	27.11	79.4	26.54	74.6	25.66	72.1	24.46	69.9	23.42	65.3	22.25
	-9.8	-11	84.0	26.08	79.4	25.49	74.6	24.64	72.1	23.50	69.9	22.52	65.3	21.38
	-9.5	-10	84.0	25.92	79.4	25.34	74.6	24.49	72.1	23.35	69.9	22.38	65.3	21.25
	-8.5	-9.1	84.0	25.40	79.4	24.81	74.6	23.99	72.1	22.87	69.9	21.93	65.3	20.81
	-7.0	-7.6	84.0	24.63	79.4	24.03	74.6	23.23	72.1	22.15	69.9	21.25	65.3	20.15
	-5.0	-5.6	84.0	23.60	79.4	22.97	74.6	22.21	72.1	21.18	69.9	20.35	65.3	19.29
	-3.0	-3.7	84.0	22.56	79.4	21.93	74.6	21.20	72.1	20.22	69.9	19.44	65.3	18.41
	0.0	-0.7	84.0	21.00	79.4	20.36	74.6	19.68	72.1	18.78	69.9	18.09	65.3	17.10
	3.0	2.2	84.0	19.45	79.4	18.78	74.6	18.15	72.1	17.32	69.9	16.74	65.3	15.78
	5.0	4.1	84.0	18.42	79.4	17.73	74.6	17.14	72.1	16.36	69.9	15.83	65.3	14.92
	7.0	6	84.0	17.38	79.4	16.68	74.6	16.12	72.1	15.40	69.9	14.94	65.3	14.04
	9.0	7.9	84.0	15.70	79.4	15.07	74.6	14.56	72.1	13.91	69.9	13.48	65.3	12.68
	11.0	9.8	84.0	14.62	79.4	14.03	74.6	13.56	72.1	12.94	69.9	12.56	65.3	11.80
	13.0	11.8	84.0	13.68	79.4	13.13	74.6	12.68	72.1	12.11	69.9	11.75	65.3	11.05
	15.0	13.7	84.0	12.89	79.4	12.38	74.6	11.96	72.1	11.42	69.9	11.07	65.3	10.42
60	-24.8	-25	64.4	29.58	64.4	29.85	63.9	30.26	61.9	28.70	59.7	27.24	55.9	25.87
	-21.8	-22	69.0	29.99	68.2	30.26	63.9	28.70	61.9	27.24	59.7	25.87	55.9	24.54
	-19.8	-20	72.1	30.26	68.2	29.16	63.9	27.67	61.9	26.27	59.7	24.96	55.9	23.66
	-18.8	-19	72.1	29.71	68.2	28.62	63.9	27.15	61.9	25.79	59.7	24.50	55.9	23.21
	-16.7	-17	72.1	28.54	68.2	27.46	63.9	26.06	61.9	24.76	59.7	23.54	55.9	22.29
	-13.7	-15	72.1	26.88	68.2	25.81	63.9	24.50	61.9	23.31	59.7	22.16	55.9	20.96
	-11.8	-13	72.1	25.83	68.2	24.77	63.9	23.52	61.9	22.38	59.7	21.29	55.9	20.12
	-9.8	-11	72.1	24.72	68.2	23.67	63.9	22.48	61.9	21.41	59.7	20.38	55.9	19.23
	-9.5	-10	72.1	24.56	68.2	23.50	63.9	22.33	61.9	21.26	59.7	20.24	55.9	19.10
	-8.5	-9.1	72.1	24.00	68.2	22.96	63.9	21.81	61.9	20.78	59.7	19.79	55.9	18.66
	-7.0	-7.6	72.1	23.18	68.2	22.14	63.9	21.03	61.9	20.04	59.7	19.10	55.9	18.00
	-5.0	-5.6	72.1	22.06	68.2	21.04	63.9	20.00	61.9	19.07	59.7	18.19	55.9	17.11
	-3.0	-3.7	72.1	20.96	68.2	19.94	63.9	18.96	61.9	18.10	59.7	17.27	55.9	16.22
	0.0	-0.7	72.1	19.29	68.2	18.28	63.9	17.40	61.9	16.64	59.7	15.90	55.9	14.90
	3.0	2.2	72.1	17.63	68.2	16.64	63.9	15.84	61.9	15.18	59.7	14.52	55.9	13.57
	5.0	4.1	72.1	16.53	68.2	15.54	63.9	14.81	61.9	14.21	59.7	13.61	55.9	12.69
	7.0	6	72.1	15.42	68.2	14.44	63.9	13.77	61.9	13.23	59.7	12.70	55.9	11.80
	9.0	7.9	72.1	13.76	68.2	12.89	63.9	12.28	61.9	11.81	59.7	11.33	55.9	10.53
	11.0	9.8	72.1	12.85	68.2	12.03	63.9	11.47	61.9	11.03	59.7	10.58	55.9	9.84
	13.0	11.8	72.1	12.03	68.2	11.27	63.9	10.75	61.9	10.33	59.7	9.91	55.9	9.21
	15.0	13.7	72.1	11.37	68.2	10.65	63.9	10.15	61.9	9.76	59.7	9.37	55.9	8.71
50	-24.8	-25	60.2	25.72	56.8	26.12	53.3	24.76	51.6	23.48	49.8	22.28	46.4	21.15
	-21.8	-22	60.2	26.12	56.8	24.76	53.3	23.48	51.6	22.28	49.8	21.15	46.4	20.06
	-19.8	-20	60.2	25.18	56.8	23.85	53.3	22.63	51.6	21.47	49.8	20.39	46.4	19.33
	-18.8	-19	60.2	24.70	56.8	23.39	53.3	22.21	51.6	21.07	49.8	20.02	46.4	18.98
	-16.7	-17	60.2	23.70	56.8	22.44	53.3	21.31	51.6	20.21	49.8	19.23	46.4	18.22
	-13.7	-15	60.2	22.28	56.8	21.07	53.3	20.03	51.6	19.00	49.8	18.10	46.4	17.13
	-11.8	-13	60.2	21.37	56.8	20.21	53.3	19.23	51.6	18.24	49.8	17.39	46.4	16.44
	-9.8	-11	60.2	20.42	56.8	19.30	53.3	18.37	51.6	17.43	49.8	16.63	46.4	15.72
	-9.5	-10	60.2	20.28	56.8	19.16	53.3	18.24	51.6	17.31	49.8	16.53	46.4	15.60
	-8.5	-9.1	60.2	19.81	56.8	18.70	53.3	17.82	51.6	16.91	49.8	16.15	46.4	15.24
	-7.0	-7.6	60.2	19.09	56.8	18.02	53.3	17.18	51.6	16.30	49.8	15.59	46.4	14.71
	-5.0	-5.6	60.2	18.14	56.8	17.11	53.3	16.33	51.6	15.50	49.8	14.84	46.4	13.98
	-3.0	-3.7	60.2	17.19	56.8	16.20	53.3	15.47	51.6	14.69	49.8	14.08	46.4	13.25
	0.0	-0.7	60.2	15.77	56.8	14.83	53.3	14.20	51.6	13.48	49.8	12.95	46.4	12.17
	3.0	2.2	60.2	14.34	56.8	13.47	53.3	12.92	51.6	12.27	49.8	11.83	46.4	11.08
	5.0	4.1	60.2	13.39	56.8	12.56	53.3	12.07	51.6	11.46	49.8	11.08	46.4	10.35
	7.0	6	60.2	12.44	56.8	11.65	53.3	11.22	51.6	10.65	49.8	10.32	46.4	9.64
	9.0	7.9	60.2	11.23	56.8	10.52	53.3	10.13	51.6	9.62	49.8	9.32	46.4	8.70
	11.0	9.8	60.2	10.52	56.8	9.84	53.3	9.47	51.6	9.01	49.8	8.72	46.4	8.14
	13.0	11.8	60.2	9.87	56.8	9.24	53.3	8.90	51.6	8.46	49.8	8.19	46.4	7.64
	15.0	13.7	60.2	9.34	56.8	8.74	53.3	8.42	51.6	8.00	49.8	7.76	46.4	7.23

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM360LTE5

Heating Capacity (36HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	68.2	36.02	68.2	36.37	67.7	36.67	67.7	37.13	67.7	37.56	67.0	38.25
	-21.8	-22	83.2	36.72	83.2	37.06	82.7	37.36	82.7	37.82	82.7	38.25	81.8	38.94
	-19.8	-20	88.0	37.17	88.0	37.52	87.4	37.82	87.4	38.27	87.4	38.70	86.5	39.39
	-18.8	-19	90.0	37.40	90.0	37.74	89.5	38.04	89.5	38.50	89.5	38.94	88.5	39.62
	-16.7	-17	94.3	37.88	94.3	38.23	93.8	38.53	93.8	38.98	93.8	39.41	92.8	40.10
	-13.7	-15	100.5	38.57	100.5	38.91	99.9	39.21	99.9	39.66	99.9	40.10	98.8	38.69
	-11.8	-13	103.9	39.00	103.9	39.35	103.2	39.65	103.2	40.10	103.2	39.16	102.3	37.80
	-9.8	-11	107.4	39.46	107.4	39.80	106.8	40.10	106.8	39.11	106.8	38.17	106.0	36.86
	-9.5	-10	108.3	39.53	108.3	39.87	107.6	39.95	107.6	38.96	107.3	38.02	106.5	36.72
	-8.5	-9.1	111.4	39.76	111.4	40.10	110.7	39.45	110.7	38.46	109.0	37.52	108.4	36.24
	-7.0	-7.6	116.1	40.10	116.1	39.38	115.3	38.70	115.3	37.71	115.3	36.78	112.4	35.54
	-5.0	-5.6	122.2	39.19	122.2	38.41	121.4	37.70	121.4	36.73	121.4	35.80	116.4	34.60
	-3.0	-3.7	128.4	38.28	128.4	37.45	127.6	36.70	127.6	35.73	127.6	34.80	120.4	33.65
	0.0	-0.7	137.6	36.91	137.6	36.01	136.7	35.19	135.6	34.24	133.4	33.32	126.5	32.24
	3.0	2.2	141.4	35.54	141.4	34.56	140.7	33.69	139.1	32.75	136.9	31.83	128.0	30.83
	5.0	4.1	143.8	34.64	143.8	33.60	143.1	32.68	141.5	31.76	137.5	30.83	128.0	29.89
	7.0	6	146.1	33.72	146.1	32.63	145.4	31.69	142.5	30.76	137.5	29.85	128.0	28.96
	9.0	7.9	146.5	32.97	146.5	31.92	146.1	30.99	142.5	30.09	137.5	29.19	128.0	28.32
	11.0	9.8	146.5	32.54	146.5	31.48	146.1	30.57	142.5	29.67	137.5	28.80	128.0	27.93
	13.0	11.8	146.5	32.04	146.5	31.01	146.1	30.11	142.5	29.24	137.5	28.36	128.0	27.51
	15.0	13.7	146.5	31.52	146.5	30.50	146.1	29.61	142.5	28.75	137.5	27.89	128.0	27.06
120	-24.8	-25	67.7	36.37	67.7	36.67	67.2	37.13	67.2	37.56	67.2	38.25	66.5	38.73
	-21.8	-22	82.7	37.06	82.7	37.36	82.2	37.82	82.2	38.25	82.2	38.94	81.3	39.41
	-19.8	-20	87.4	37.52	87.4	37.82	86.8	38.27	86.8	38.70	86.8	39.39	85.8	39.87
	-18.8	-19	89.4	37.74	89.4	38.04	88.9	38.50	88.9	38.94	88.9	39.62	87.9	40.10
	-16.7	-17	93.7	38.23	93.7	38.53	93.1	38.98	93.1	39.41	93.1	40.10	92.1	39.19
	-13.7	-15	99.8	38.91	99.8	39.21	99.2	39.66	99.2	40.10	99.2	38.75	98.1	37.90
	-11.8	-13	103.2	39.35	103.2	39.65	102.5	40.10	102.5	39.15	102.5	37.90	101.6	37.07
	-9.8	-11	106.6	39.80	106.6	40.10	105.9	39.07	105.9	38.15	105.9	37.01	105.2	36.21
	-9.5	-10	107.6	39.87	107.6	39.94	106.9	38.91	106.9	38.00	106.9	36.87	106.1	36.08
	-8.5	-9.1	110.6	40.10	110.6	39.39	110.0	38.39	110.0	37.50	109.5	36.43	108.6	35.64
	-7.0	-7.6	115.2	39.30	115.2	38.57	114.5	37.61	114.5	36.75	112.6	35.75	111.5	34.99
	-5.0	-5.6	121.4	38.23	121.4	37.48	120.5	36.57	120.5	35.75	120.5	34.86	115.6	34.13
	-3.0	-3.7	127.4	37.15	127.4	36.40	126.7	35.53	126.7	34.75	125.8	33.96	119.6	33.26
	0.0	-0.7	136.6	35.55	136.1	34.76	133.2	33.97	131.2	33.25	129.3	32.61	120.2	31.97
	3.0	2.2	140.4	33.94	139.7	33.12	136.7	32.41	133.6	31.75	129.4	31.27	120.2	30.67
	5.0	4.1	142.7	32.87	142.0	32.03	138.2	31.37	133.6	30.75	129.4	30.37	120.2	29.81
	7.0	6	145.1	31.80	143.8	30.94	138.2	30.33	133.6	29.75	129.4	29.47	120.2	28.94
	9.0	7.9	145.4	31.02	143.8	30.18	138.2	29.58	133.6	29.02	129.4	28.74	120.2	28.23
	11.0	9.8	145.4	30.51	143.8	29.68	138.2	29.09	133.6	28.54	129.4	28.27	120.2	27.77
	13.0	11.8	145.4	29.95	143.8	29.15	138.2	28.57	133.6	28.02	129.4	27.76	120.2	27.26
	15.0	13.7	145.4	29.36	143.8	28.57	138.2	28.01	133.6	27.47	129.4	27.21	120.2	26.73
110	-24.8	-25	67.3	36.67	67.3	37.13	66.9	37.56	66.9	38.25	66.9	38.73	66.2	38.96
	-21.8	-22	82.2	37.36	82.2	37.82	81.7	38.25	81.7	38.94	81.7	39.41	80.8	39.65
	-19.8	-20	86.9	37.82	86.9	38.27	86.3	38.70	86.3	39.39	86.3	39.87	85.3	40.10
	-18.8	-19	88.9	38.04	88.9	38.50	88.4	38.94	88.4	39.62	88.4	40.10	87.4	39.61
	-16.7	-17	93.2	38.53	93.2	38.98	92.6	39.41	92.6	40.10	92.6	39.11	91.6	38.59
	-13.7	-15	99.3	39.21	99.3	39.66	98.6	40.10	98.6	38.60	98.6	37.70	98.6	37.13
	-11.8	-13	102.5	39.65	102.5	40.10	102.0	39.05	102.0	37.66	102.0	36.79	102.0	36.20
	-9.8	-11	106.1	40.10	106.1	38.92	105.4	37.94	105.4	36.66	105.4	35.85	105.0	35.23
	-9.5	-10	106.9	39.91	106.9	38.73	106.4	37.77	106.4	36.51	106.4	35.71	106.1	35.08
	-8.5	-9.1	110.0	39.28	110.0	38.15	109.3	37.22	109.3	36.01	109.0	35.24	107.6	34.60
	-7.0	-7.6	114.6	38.31	114.6	37.25	113.9	36.38	113.9	35.26	112.4	34.53	108.2	33.87
	-5.0	-5.6	120.7	37.04	120.7	36.07	119.9	35.28	118.9	34.27	115.0	33.59	108.2	32.90
	-3.0	-3.7	126.7	35.77	126.7	34.88	123.0	34.17	119.9	33.26	115.9	32.64	108.2	31.92
	0.0	-0.7	133.9	33.85	130.5	33.10	124.0	32.51	119.9	31.76	115.9	31.22	108.2	30.45
	3.0	2.2	137.4	31.94	132.1	31.32	124.0	30.84	119.9	30.27	115.9	29.80	108.2	29.00
	5.0	4.1	139.8	30.67	132.1	30.14	124.0	29.74	119.9	29.27	115.9	28.86	108.2	28.02
	7.0	6	139.8	29.39	132.1	28.94	124.0	28.63	119.9	28.28	115.9	27.91	108.2	27.05
	9.0	7.9	139.8	28.53	132.1	28.11	124.0	27.79	119.9	27.46	115.9	27.10	108.2	26.26
	11.0	9.8	139.8	27.92	132.1	27.51	124.0	27.20	119.9	26.87	115.9	26.52	108.2	25.70
	13.0	11.8	139.8	27.27	132.1	26.87	124.0	26.57	119.9	26.24	115.9	25.90	108.2	25.10
	15.0	13.7	139.8	26.57	132.1	26.17	124.0	25.88	119.9	25.57	115.9	25.24	108.2	24.46

7. Capacity Tables

Heating Capacity (36HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	67.0	40.24	67.0	40.22	66.6	37.96	66.6	40.17	66.6	40.16	65.8	40.15
	-21.8	-22	81.8	40.21	81.8	40.19	81.3	39.16	81.3	40.15	81.3	40.63	80.4	40.13
	-19.8	-20	86.5	40.19	86.5	40.17	86.0	39.92	86.0	40.13	86.0	40.28	85.0	40.10
	-18.8	-19	88.6	40.18	88.0	40.17	88.0	40.15	88.0	40.12	88.0	40.10	87.0	39.50
	-16.7	-17	92.2	40.17	92.2	40.15	92.2	40.63	91.7	40.10	91.7	38.86	90.7	38.22
	-13.7	-15	98.8	40.13	98.8	40.12	98.2	40.10	98.2	38.31	98.2	37.07	97.1	36.40
	-11.8	-13	102.0	40.13	101.5	40.10	101.5	38.91	101.5	37.17	101.5	35.95	98.6	35.24
	-9.8	-11	105.5	40.10	105.5	38.77	105.0	37.65	105.0	35.97	104.2	34.76	98.8	34.03
	-9.5	-10	106.4	39.89	106.4	38.57	105.9	37.46	105.9	35.79	104.8	34.59	98.8	33.85
	-8.5	-9.1	109.4	39.20	109.4	37.90	108.9	36.84	109.8	35.19	106.2	33.99	98.8	33.24
	-7.0	-7.6	115.9	38.16	115.4	36.90	113.4	35.88	109.8	34.29	106.2	33.09	98.8	32.33
	-5.0	-5.6	121.0	36.77	119.7	35.57	113.4	34.62	109.8	33.09	106.2	31.91	98.8	31.13
	-3.0	-3.7	124.4	35.39	120.6	34.24	113.4	33.38	109.8	31.90	106.2	30.72	98.8	29.91
	0.0	-0.7	128.0	33.30	120.6	32.23	113.4	31.48	109.8	30.10	106.2	28.94	98.8	28.09
	3.0	2.2	128.0	31.22	120.6	30.23	113.4	29.60	109.8	28.30	106.2	27.16	98.8	26.27
	5.0	4.1	128.0	29.84	120.6	28.89	113.4	28.34	109.8	27.11	106.2	25.97	98.8	25.05
	7.0	6	128.0	28.45	120.6	27.56	113.4	27.08	109.8	25.90	106.2	24.79	98.8	23.84
	9.0	7.9	128.0	27.43	120.6	26.58	113.4	26.12	109.8	24.98	106.2	23.91	98.8	22.99
	11.0	9.8	128.0	26.65	120.6	25.81	113.4	25.37	109.8	24.27	106.2	23.22	98.8	22.33
	13.0	11.8	128.0	25.82	120.6	25.01	113.4	24.57	109.8	23.51	106.2	22.49	98.8	21.63
	15.0	13.7	128.0	24.94	120.6	24.15	113.4	23.73	109.8	22.71	106.2	21.72	98.8	20.89
90	-24.8	-25	66.8	35.98	66.8	36.66	66.3	37.15	66.3	37.37	66.3	37.84	65.6	38.52
	-21.8	-22	81.5	36.66	81.5	37.35	81.0	37.84	81.0	38.06	81.0	38.52	80.1	36.93
	-19.8	-20	86.2	37.13	86.2	37.81	85.6	38.29	85.6	38.52	85.6	37.44	84.7	35.88
	-18.8	-19	88.6	37.35	88.0	38.04	87.7	38.52	87.7	37.96	87.7	36.90	86.7	35.34
	-16.7	-17	92.2	37.84	92.2	38.52	91.8	37.38	91.8	36.80	91.8	35.77	89.4	34.22
	-13.7	-15	98.8	38.52	98.8	36.83	97.9	35.75	97.9	35.15	96.2	34.15	90.4	32.64
	-11.8	-13	102.0	37.37	101.5	35.76	101.1	34.72	99.4	34.09	97.3	33.13	90.4	31.63
	-9.8	-11	105.5	36.16	105.5	34.64	102.6	33.64	100.6	32.98	97.3	32.05	90.4	30.57
	-9.5	-10	106.4	35.98	106.4	34.47	103.2	33.47	100.6	32.81	97.3	31.89	90.4	30.41
	-8.5	-9.1	109.4	35.38	108.6	33.91	103.7	32.93	100.6	32.27	97.3	31.35	90.4	29.89
	-7.0	-7.6	115.9	34.47	110.2	33.07	103.7	32.12	100.6	31.44	97.3	30.54	90.4	29.09
	-5.0	-5.6	117.2	33.25	110.2	31.95	103.7	31.03	100.6	30.33	97.3	29.46	90.4	28.03
	-3.0	-3.7	117.2	32.05	110.2	30.82	103.7	29.95	100.6	29.22	97.3	28.38	90.4	26.97
	0.0	-0.7	117.2	30.23	110.2	29.13	103.7	28.32	100.6	27.56	97.3	26.76	90.4	25.38
	3.0	2.2	117.2	28.43	110.2	27.45	103.7	26.70	100.6	25.91	97.3	25.14	90.4	23.79
	5.0	4.1	117.2	27.21	110.2	26.32	103.7	25.61	100.6	24.80	97.3	24.06	90.4	22.73
	7.0	6	117.2	26.01	110.2	25.20	103.7	24.52	100.6	23.69	97.3	22.99	90.4	21.68
	9.0	7.9	117.2	24.85	110.2	24.09	103.7	23.44	100.6	22.64	97.3	21.97	90.4	20.71
	11.0	9.8	117.2	23.70	110.2	22.97	103.7	22.36	100.6	21.60	97.3	20.95	90.4	19.76
	13.0	11.8	117.2	22.55	110.2	21.86	103.7	21.27	100.6	20.54	97.3	19.93	90.4	18.79
	15.0	13.7	117.2	21.40	110.2	20.74	103.7	20.18	100.6	19.49	97.3	18.91	90.4	17.84
80	-24.8	-25	66.5	31.61	66.5	32.30	66.1	32.79	66.1	33.01	66.1	34.16	65.3	32.76
	-21.8	-22	80.6	32.30	80.6	32.99	80.6	33.47	80.6	34.16	80.6	32.76	79.0	31.41
	-19.8	-20	85.3	32.76	85.3	33.45	85.3	34.16	85.3	33.17	84.4	31.82	80.8	30.51
	-18.8	-19	87.3	32.99	87.3	34.16	87.3	33.66	87.1	32.68	85.3	31.36	80.8	30.06
	-16.7	-17	90.8	34.16	90.8	33.12	90.8	32.62	89.2	31.65	86.8	30.39	80.8	29.12
	-13.7	-15	97.0	32.64	95.2	31.65	92.9	31.13	90.0	30.17	86.8	28.99	80.8	27.77
	-11.8	-13	99.5	31.68	96.6	30.72	92.9	30.19	90.0	29.25	86.8	28.10	80.8	26.92
	-9.8	-11	101.8	30.66	97.7	29.75	92.9	29.20	90.0	28.26	86.8	27.17	80.8	26.02
	-9.5	-10	102.5	30.51	98.3	29.59	92.9	29.04	90.0	28.11	86.8	27.03	80.8	25.88
	-8.5	-9.1	103.6	30.00	98.8	29.11	92.9	28.55	90.0	27.62	86.8	26.56	80.8	25.44
	-7.0	-7.6	104.9	29.24	98.8	28.37	92.9	27.81	90.0	26.88	86.8	25.87	80.8	24.76
	-5.0	-5.6	104.9	28.23	98.8	27.39	92.9	26.82	90.0	25.90	86.8	24.93	80.8	23.86
	-3.0	-3.7	104.9	27.21	98.8	26.41	92.9	25.83	90.0	24.91	86.8	24.00	80.8	22.96
	0.0	-0.7	104.9	25.69	98.8	24.94	92.9	24.34	90.0	23.45	86.8	22.60	80.8	21.61
	3.0	2.2	104.9	24.17	98.8	23.47	92.9	22.85	90.0	21.97	86.8	21.21	80.8	20.27
	5.0	4.1	104.9	23.16	98.8	22.48	92.9	21.86	90.0	20.98	86.8	20.28	80.8	19.37
	7.0	6	104.9	22.14	98.8	21.50	92.9	20.87	90.0	20.00	86.8	19.34	80.8	18.47
	9.0	7.9	104.9	20.79	98.8	20.19	92.9	19.60	90.0	18.78	86.8	18.16	80.8	17.34
	11.0	9.8	104.9	19.30	98.8	18.74	92.9	18.19	90.0	17.42	86.8	16.85	80.8	16.09
	13.0	11.8	104.9	18.01	98.8	17.49	92.9	16.98	90.0	16.27	86.8	15.74	80.8	15.02
	15.0	13.7	104.9	16.96	98.8	16.46	92.9	15.98	90.0	15.32	86.8	14.82	80.8	14.14

7. Capacity Tables

Heating Capacity (36HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	66.5	31.79	66.5	32.02	66.1	32.48	66.1	33.16	66.1	31.64	65.3	30.22
	-21.8	-22	78.3	32.48	78.6	32.70	78.0	33.16	76.3	31.64	74.0	30.22	69.1	28.84
	-19.8	-20	84.2	32.93	82.9	33.16	79.0	32.10	76.3	30.64	74.0	29.28	69.1	27.92
	-18.8	-19	86.5	33.16	83.8	32.62	79.0	31.57	76.3	30.12	74.0	28.80	69.1	27.46
	-16.7	-17	88.6	32.04	84.0	31.47	79.0	30.46	76.3	29.06	74.0	27.80	69.1	26.49
	-13.7	-15	88.9	30.42	84.0	29.83	79.0	28.87	76.3	27.55	74.0	26.38	69.1	25.11
	-11.8	-13	88.9	29.39	84.0	28.79	79.0	27.86	76.3	26.58	74.0	25.48	69.1	24.23
	-9.8	-11	88.9	28.32	84.0	27.69	79.0	26.79	76.3	25.57	74.0	24.53	69.1	23.31
	-9.5	-10	88.9	28.16	84.0	27.53	79.0	26.64	76.3	25.42	74.0	24.39	69.1	23.17
	-8.5	-9.1	88.9	27.62	84.0	26.98	79.0	26.11	76.3	24.92	74.0	23.91	69.1	22.71
	-7.0	-7.6	88.9	26.81	84.0	26.17	79.0	25.32	76.3	24.16	74.0	23.20	69.1	22.02
	-5.0	-5.6	88.9	25.74	84.0	25.07	79.0	24.25	76.3	23.15	74.0	22.26	69.1	21.11
	-3.0	-3.7	88.9	24.66	84.0	23.98	79.0	23.19	76.3	22.14	74.0	21.30	69.1	20.18
	0.0	-0.7	88.9	23.05	84.0	22.34	79.0	21.60	76.3	20.62	74.0	19.88	69.1	18.80
	3.0	2.2	88.9	21.43	84.0	20.70	79.0	20.01	76.3	19.10	74.0	18.46	69.1	17.41
	5.0	4.1	88.9	20.36	84.0	19.60	79.0	18.95	76.3	18.09	74.0	17.51	69.1	16.50
	7.0	6	88.9	19.28	84.0	18.51	79.0	17.89	76.3	17.08	74.0	16.57	69.1	15.58
	9.0	7.9	88.9	17.42	84.0	16.72	79.0	16.15	76.3	15.43	74.0	14.95	69.1	14.06
	11.0	9.8	88.9	16.22	84.0	15.56	79.0	15.04	76.3	14.36	74.0	13.93	69.1	13.09
	13.0	11.8	88.9	15.17	84.0	14.56	79.0	14.07	76.3	13.44	74.0	13.03	69.1	12.26
	15.0	13.7	88.9	14.30	84.0	13.73	79.0	13.27	76.3	12.67	74.0	12.28	69.1	11.55
60	-24.8	-25	65.9	31.26	65.9	31.72	65.4	32.41	64.2	30.79	62.9	29.27	59.2	27.84
	-21.8	-22	72.1	31.95	72.2	32.41	67.7	30.79	65.5	29.27	63.2	27.84	59.2	26.45
	-19.8	-20	76.3	32.41	72.2	31.27	67.7	29.71	65.5	28.26	63.2	26.88	59.2	25.52
	-18.8	-19	76.3	31.83	72.2	30.70	67.7	29.18	65.5	27.76	63.2	26.40	59.2	25.05
	-16.7	-17	76.3	30.63	72.2	29.50	67.7	28.04	65.5	26.68	63.2	25.40	59.2	24.08
	-13.7	-15	76.3	28.92	72.2	27.80	67.7	26.42	65.5	25.17	63.2	23.97	59.2	22.69
	-11.8	-13	76.3	27.84	72.2	26.71	67.7	25.40	65.5	24.20	63.2	23.06	59.2	21.81
	-9.8	-11	76.3	26.69	72.2	25.58	67.7	24.32	65.5	23.19	63.2	22.11	59.2	20.88
	-9.5	-10	76.3	26.52	72.2	25.41	67.7	24.17	65.5	23.04	63.2	21.96	59.2	20.74
	-8.5	-9.1	76.3	25.95	72.2	24.84	67.7	23.62	65.5	22.54	63.2	21.49	59.2	20.28
	-7.0	-7.6	76.3	25.10	72.2	23.99	67.7	22.82	65.5	21.77	63.2	20.77	59.2	19.59
	-5.0	-5.6	76.3	23.96	72.2	22.85	67.7	21.74	65.5	20.76	63.2	19.81	59.2	18.66
	-3.0	-3.7	76.3	22.82	72.2	21.71	67.7	20.67	65.5	19.75	63.2	18.86	59.2	17.73
	0.0	-0.7	76.3	21.10	72.2	20.00	67.7	19.05	65.5	18.23	63.2	17.43	59.2	16.34
	3.0	2.2	76.3	19.39	72.2	18.30	67.7	17.43	65.5	16.71	63.2	15.99	59.2	14.95
	5.0	4.1	76.3	18.25	72.2	17.16	67.7	16.36	65.5	15.70	63.2	15.04	59.2	14.02
	7.0	6	76.3	17.11	72.2	16.02	67.7	15.28	65.5	14.68	63.2	14.08	59.2	13.09
	9.0	7.9	76.3	15.26	72.2	14.30	67.7	13.63	65.5	13.10	63.2	12.57	59.2	11.69
	11.0	9.8	76.3	14.25	72.2	13.35	67.7	12.72	65.5	12.24	63.2	11.74	59.2	10.91
	13.0	11.8	76.3	13.35	72.2	12.50	67.7	11.93	65.5	11.46	63.2	10.99	59.2	10.22
	15.0	13.7	76.3	12.61	72.2	11.82	67.7	11.27	65.5	10.82	63.2	10.39	59.2	9.66
50	-24.8	-25	63.7	27.67	60.1	28.35	56.5	26.90	54.7	25.54	52.8	24.24	49.2	23.04
	-21.8	-22	63.7	28.35	60.1	26.90	56.5	25.54	54.7	24.24	52.8	23.04	49.2	21.87
	-19.8	-20	63.7	27.34	60.1	25.93	56.5	24.62	54.7	23.38	52.8	22.23	49.2	21.09
	-18.8	-19	63.7	26.84	60.1	25.44	56.5	24.18	54.7	22.95	52.8	21.83	49.2	20.71
	-16.7	-17	63.7	25.78	60.1	24.43	56.5	23.22	54.7	22.04	52.8	20.99	49.2	19.89
	-13.7	-15	63.7	24.26	60.1	22.97	56.5	21.85	54.7	20.74	52.8	19.78	49.2	18.72
	-11.8	-13	63.7	23.30	60.1	22.05	56.5	20.99	54.7	19.93	52.8	19.02	49.2	17.99
	-9.8	-11	63.7	22.29	60.1	21.08	56.5	20.08	54.7	19.06	52.8	18.21	49.2	17.21
	-9.5	-10	63.7	22.14	60.1	20.93	56.5	19.94	54.7	18.94	52.8	18.09	49.2	17.09
	-8.5	-9.1	63.7	21.64	60.1	20.44	56.5	19.49	54.7	18.51	52.8	17.69	49.2	16.70
	-7.0	-7.6	63.7	20.87	60.1	19.72	56.5	18.81	54.7	17.86	52.8	17.09	49.2	16.13
	-5.0	-5.6	63.7	19.86	60.1	18.75	56.5	17.90	54.7	17.00	52.8	16.28	49.2	15.35
	-3.0	-3.7	63.7	18.86	60.1	17.78	56.5	16.99	54.7	16.14	52.8	15.47	49.2	14.57
	0.0	-0.7	63.7	17.34	60.1	16.31	56.5	15.63	54.7	14.84	52.8	14.27	49.2	13.41
	3.0	2.2	63.7	15.82	60.1	14.86	56.5	14.26	54.7	13.55	52.8	13.06	49.2	12.24
	5.0	4.1	63.7	14.81	60.1	13.89	56.5	13.36	54.7	12.68	52.8	12.26	49.2	11.46
	7.0	6	63.7	13.80	60.1	12.92	56.5	12.44	54.7	11.82	52.8	11.45	49.2	10.69
	9.0	7.9	63.7	12.46	60.1	11.67	56.5	11.24	54.7	10.67	52.8	10.34	49.2	9.66
	11.0	9.8	63.7	11.66	60.1	10.92	56.5	10.51	54.7	9.99	52.8	9.68	49.2	9.03
	13.0	11.8	63.7	10.95	60.1	10.25	56.5	9.88	54.7	9.38	52.8	9.09	49.2	8.48
	15.0	13.7	63.7	10.36	60.1	9.70	56.5	9.34	54.7	8.87	52.8	8.60	49.2	8.02

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM380LTE5

Heating Capacity (38HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	76.8	38.84	76.8	39.02	76.2	39.18	76.2	39.42	76.2	39.66	74.8	40.02
	-21.8	-22	92.2	39.21	92.2	39.39	91.6	39.55	91.6	39.79	91.6	40.02	89.9	40.39
	-19.8	-20	96.8	39.45	96.8	39.63	96.1	39.79	96.1	40.04	96.1	40.26	94.3	40.63
	-18.8	-19	98.7	39.56	98.7	39.75	98.1	39.91	98.1	40.15	98.1	40.39	96.2	40.75
	-16.7	-17	102.9	39.83	102.9	40.01	102.2	40.17	102.2	40.41	102.2	40.64	100.3	41.01
	-13.7	-15	108.9	40.19	108.9	40.37	108.2	40.53	108.2	40.77	108.2	41.01	106.2	39.42
	-11.8	-13	112.4	40.42	112.4	40.60	111.7	40.76	111.7	41.01	111.7	39.93	109.8	38.41
	-9.8	-11	116.1	40.66	116.1	40.85	115.5	41.01	115.5	39.86	115.5	38.81	113.7	37.36
	-9.5	-10	116.8	40.71	116.8	40.88	116.1	40.83	116.1	39.69	116.0	38.64	114.3	37.20
	-8.5	-9.1	119.1	40.82	119.1	41.01	118.4	40.24	118.4	39.12	117.8	38.08	116.2	36.67
	-7.0	-7.6	122.5	41.01	122.5	40.14	121.8	39.36	121.8	38.25	121.8	37.23	119.2	35.87
	-5.0	-5.6	127.0	39.88	127.0	38.99	126.2	38.20	126.2	37.12	126.2	36.11	123.0	34.82
	-3.0	-3.7	131.5	38.76	131.5	37.84	130.7	37.02	130.7	35.97	130.7	34.98	126.9	33.76
	0.0	-0.7	138.2	37.08	138.2	36.12	137.4	35.26	137.4	34.26	137.4	33.30	132.7	32.17
	3.0	2.2	145.1	35.40	145.1	34.39	144.1	33.50	144.1	32.53	144.1	31.60	135.1	30.58
	5.0	4.1	149.6	34.28	149.6	33.24	148.7	32.33	148.7	31.40	145.2	30.47	135.1	29.53
	7.0	6	154.1	33.16	154.1	32.09	153.1	31.16	150.4	30.25	145.2	29.35	135.1	28.48
	9.0	7.9	154.7	32.23	154.7	31.19	154.3	30.29	150.4	29.40	145.2	28.52	135.1	27.67
	11.0	9.8	154.7	31.59	154.7	30.56	154.3	29.68	150.4	28.81	145.2	27.96	135.1	27.12
	13.0	11.8	154.7	30.88	154.7	29.89	154.3	29.02	150.4	28.18	145.2	27.34	135.1	26.52
	15.0	13.7	154.7	30.14	154.7	29.17	154.3	28.32	150.4	27.50	145.2	26.68	135.1	25.88
120	-24.8	-25	76.2	39.02	76.2	39.18	75.7	39.42	75.7	39.66	75.7	40.02	74.3	40.28
	-21.8	-22	91.6	39.39	91.6	39.55	91.0	39.79	91.0	40.02	91.0	40.39	89.3	40.64
	-19.8	-20	96.0	39.63	96.0	39.79	95.4	40.04	95.4	40.26	95.4	40.63	93.6	40.88
	-18.8	-19	98.0	39.75	98.0	39.91	97.4	40.15	97.4	40.39	97.4	40.75	95.6	41.01
	-16.7	-17	102.2	40.01	102.2	40.17	101.5	40.41	101.5	40.64	101.5	41.01	99.6	39.98
	-13.7	-15	108.1	40.37	108.1	40.53	107.5	40.77	107.5	41.01	107.5	39.48	105.4	38.53
	-11.8	-13	111.7	40.60	111.7	40.76	110.9	41.01	110.9	39.93	110.9	38.52	109.1	37.60
	-9.8	-11	115.3	40.85	115.3	41.01	114.6	39.82	114.6	38.79	114.6	37.50	112.9	36.63
	-9.5	-10	116.0	40.88	116.0	40.82	115.3	39.64	115.3	38.62	115.3	37.35	113.5	36.49
	-8.5	-9.1	118.2	41.01	118.2	40.18	117.6	39.04	117.6	38.05	117.4	36.85	115.5	36.00
	-7.0	-7.6	121.6	40.07	121.6	39.24	120.8	38.16	120.8	37.20	120.4	36.09	118.3	35.26
	-5.0	-5.6	126.1	38.81	126.1	37.98	125.3	36.96	125.3	36.06	125.3	35.07	122.2	34.29
	-3.0	-3.7	130.6	37.55	130.6	36.73	129.8	35.77	129.8	34.93	129.8	34.06	126.1	33.32
	0.0	-0.7	137.3	35.67	137.3	34.83	136.5	33.99	136.5	33.23	136.5	32.53	126.9	31.87
	3.0	2.2	144.1	33.78	144.1	32.94	143.1	32.21	141.0	31.53	136.6	31.01	126.9	30.40
	5.0	4.1	148.5	32.53	148.5	31.69	145.9	31.02	141.0	30.39	136.6	30.00	126.9	29.43
	7.0	6	153.0	31.27	151.8	30.42	145.9	29.82	141.0	29.26	136.6	28.98	126.9	28.46
	9.0	7.9	153.5	30.33	151.8	29.50	145.9	28.92	141.0	28.37	136.6	28.10	126.9	27.60
	11.0	9.8	153.5	29.64	151.8	28.84	145.9	28.27	141.0	27.73	136.6	27.47	126.9	26.98
	13.0	11.8	153.5	28.90	151.8	28.13	145.9	27.57	141.0	27.04	136.6	26.79	126.9	26.31
	15.0	13.7	153.5	28.13	151.8	27.36	145.9	26.83	141.0	26.31	136.6	26.06	126.9	25.60
110	-24.8	-25	75.8	39.18	75.8	39.42	75.3	39.66	75.3	40.02	75.3	40.28	73.9	40.39
	-21.8	-22	91.1	39.55	91.1	39.79	90.5	40.02	90.5	40.39	90.5	40.64	88.8	40.76
	-19.8	-20	95.5	39.79	95.5	40.04	94.9	40.26	94.9	40.63	94.9	40.88	93.0	41.01
	-18.8	-19	97.5	39.91	97.5	40.15	96.9	40.39	96.9	40.75	96.9	41.01	95.0	40.46
	-16.7	-17	101.6	40.17	101.6	40.41	100.9	40.64	100.9	41.01	100.9	39.90	99.0	39.34
	-13.7	-15	107.5	40.53	107.5	40.77	106.8	41.01	106.8	39.33	106.8	38.33	106.8	37.72
	-11.8	-13	111.0	40.76	111.0	41.01	110.3	39.82	110.3	38.28	110.3	37.33	110.3	36.70
	-9.8	-11	114.7	41.01	114.7	39.68	114.0	38.58	114.0	37.16	114.0	36.28	112.9	35.63
	-9.5	-10	115.3	40.79	115.3	39.47	114.7	38.40	114.7	37.00	114.7	36.12	114.2	35.47
	-8.5	-9.1	117.6	40.07	117.6	38.81	116.9	37.78	116.9	36.43	116.9	35.59	114.2	34.93
	-7.0	-7.6	121.0	38.98	121.0	37.80	120.2	36.84	120.2	35.60	120.2	34.81	114.2	34.13
	-5.0	-5.6	125.4	37.55	125.4	36.47	124.6	35.61	124.6	34.49	122.3	33.76	114.2	33.05
	-3.0	-3.7	129.8	36.11	129.8	35.14	129.1	34.36	126.6	33.37	122.3	32.70	114.2	31.98
	0.0	-0.7	136.5	33.95	136.5	33.14	130.9	32.50	126.6	31.70	122.3	31.13	114.2	30.36
	3.0	2.2	143.2	31.78	139.5	31.14	130.9	30.63	126.6	30.04	122.3	29.55	114.2	28.75
	5.0	4.1	147.6	30.35	139.5	29.80	130.9	29.39	126.6	28.92	122.3	28.50	114.2	27.67
	7.0	6	147.6	28.90	139.5	28.46	130.9	28.15	126.6	27.81	122.3	27.45	114.2	26.60
	9.0	7.9	147.6	27.90	139.5	27.48	130.9	27.18	126.6	26.85	122.3	26.50	114.2	25.68
	11.0	9.8	147.6	27.14	139.5	26.74	130.9	26.43	126.6	26.11	122.3	25.77	114.2	24.98
	13.0	11.8	147.6	26.33	139.5	25.94	130.9	25.65	126.6	25.33	122.3	25.01	114.2	24.24
	15.0	13.7	147.6	25.47	139.5	25.08	130.9	24.81	126.6	24.50	122.3	24.19	114.2	23.44

7. Capacity Tables

Heating Capacity (38HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	75.4	41.88	75.4	41.77	75.0	39.18	75.0	41.47	75.0	41.36	73.5	41.30
	-21.8	-22	90.7	41.71	90.7	41.59	90.1	40.42	90.1	41.30	90.1	41.55	88.4	41.13
	-19.8	-20	95.1	41.59	95.1	41.47	94.5	41.18	94.5	41.18	94.5	41.19	92.7	41.01
	-18.8	-19	97.1	41.53	96.5	41.42	96.5	41.30	96.5	41.12	96.5	41.01	94.6	40.35
	-16.7	-17	100.5	41.41	100.5	41.29	100.5	41.55	100.0	41.01	100.0	39.65	98.1	38.98
	-13.7	-15	107.0	41.23	107.0	41.12	106.4	41.01	106.4	39.04	106.4	37.72	104.3	37.01
	-11.8	-13	110.4	41.13	109.8	41.01	109.8	39.69	109.8	37.79	109.8	36.49	104.3	35.76
	-9.8	-11	114.1	41.01	114.1	39.53	113.6	38.30	113.6	36.49	112.1	35.20	104.3	34.45
	-9.5	-10	114.7	40.77	114.7	39.30	114.2	38.09	114.2	36.29	112.1	35.02	104.3	34.25
	-8.5	-9.1	117.0	40.00	117.0	38.57	116.4	37.40	115.9	35.63	112.1	34.36	104.3	33.60
	-7.0	-7.6	122.3	38.83	121.8	37.45	119.7	36.35	115.9	34.65	112.1	33.40	104.3	32.61
	-5.0	-5.6	127.7	37.28	126.4	35.98	119.7	34.96	115.9	33.34	112.1	32.11	104.3	31.31
	-3.0	-3.7	131.3	35.73	127.3	34.50	119.7	33.58	115.9	32.03	112.1	30.82	104.3	30.00
	0.0	-0.7	135.1	33.41	127.3	32.28	119.7	31.49	115.9	30.06	112.1	28.88	104.3	28.03
	3.0	2.2	135.1	31.08	127.3	30.06	119.7	29.41	115.9	28.10	112.1	26.96	104.3	26.06
	5.0	4.1	135.1	29.53	127.3	28.58	119.7	28.02	115.9	26.79	112.1	25.66	104.3	24.75
	7.0	6	135.1	27.98	127.3	27.10	119.7	26.63	115.9	25.47	112.1	24.38	104.3	23.44
	9.0	7.9	135.1	26.73	127.3	25.90	119.7	25.45	115.9	24.34	112.1	23.30	104.3	22.40
	11.0	9.8	135.1	25.71	127.3	24.90	119.7	24.47	115.9	23.41	112.1	22.39	104.3	21.54
	13.0	11.8	135.1	24.63	127.3	23.85	119.7	23.43	115.9	22.42	112.1	21.45	104.3	20.63
	15.0	13.7	135.1	23.48	127.3	22.74	119.7	22.34	115.9	21.38	112.1	20.45	104.3	19.67
90	-24.8	-25	75.2	38.05	75.2	38.41	74.7	38.67	74.7	38.79	74.7	39.04	73.3	39.40
	-21.8	-22	90.3	38.41	90.3	38.78	89.7	39.04	89.7	39.16	89.7	39.40	88.0	37.69
	-19.8	-20	94.7	38.66	94.7	39.02	94.1	39.28	94.1	39.40	94.1	38.23	92.4	36.56
	-18.8	-19	97.1	38.78	96.5	39.15	96.1	39.40	96.1	38.80	96.1	37.65	94.2	35.99
	-16.7	-17	100.5	39.04	100.5	39.40	100.1	38.15	100.1	37.53	100.1	36.43	95.4	34.79
	-13.7	-15	107.0	39.40	107.0	37.55	106.0	36.38	106.0	35.74	102.8	34.68	95.4	33.09
	-11.8	-13	110.4	38.13	109.8	36.37	109.4	35.25	106.2	34.59	102.8	33.57	95.4	32.01
	-9.8	-11	114.1	36.80	114.1	35.14	109.5	34.07	106.2	33.39	102.8	32.40	95.4	30.87
	-9.5	-10	114.7	36.59	114.7	34.96	109.5	33.89	106.2	33.21	102.8	32.23	95.4	30.70
	-8.5	-9.1	117.0	35.93	116.1	34.35	109.5	33.30	106.2	32.61	102.8	31.65	95.4	30.13
	-7.0	-7.6	122.3	34.92	116.3	33.42	109.5	32.41	106.2	31.71	102.8	30.77	95.4	29.27
	-5.0	-5.6	123.7	33.58	116.3	32.19	109.5	31.23	106.2	30.51	102.8	29.60	95.4	28.14
	-3.0	-3.7	123.7	32.25	116.3	30.95	109.5	30.04	106.2	29.30	102.8	28.43	95.4	27.00
	0.0	-0.7	123.7	30.24	116.3	29.10	109.5	28.26	106.2	27.50	102.8	26.69	95.4	25.29
	3.0	2.2	123.7	28.25	116.3	27.25	109.5	26.49	106.2	25.70	102.8	24.94	95.4	23.59
	5.0	4.1	123.7	26.91	116.3	26.01	109.5	25.30	106.2	24.50	102.8	23.77	95.4	22.45
	7.0	6	123.7	25.57	116.3	24.78	109.5	24.11	106.2	23.29	102.8	22.60	95.4	21.32
	9.0	7.9	123.7	24.31	116.3	23.57	109.5	22.94	106.2	22.15	102.8	21.49	95.4	20.26
	11.0	9.8	123.7	23.05	116.3	22.35	109.5	21.75	106.2	21.01	102.8	20.38	95.4	19.22
	13.0	11.8	123.7	21.80	116.3	21.13	109.5	20.56	106.2	19.86	102.8	19.27	95.4	18.17
	15.0	13.7	123.7	20.54	116.3	19.91	109.5	19.38	106.2	18.71	102.8	18.16	95.4	17.13
80	-24.8	-25	74.8	33.58	74.8	33.95	74.4	34.21	74.4	34.33	74.4	34.94	72.9	33.44
	-21.8	-22	89.4	33.95	89.4	34.32	89.4	34.57	89.4	34.94	89.4	33.44	85.3	32.00
	-19.8	-20	93.7	34.19	93.7	34.56	93.7	34.94	93.7	33.87	91.6	32.43	85.3	31.03
	-18.8	-19	95.7	34.32	95.7	34.94	95.7	34.40	95.0	33.35	91.6	31.94	85.3	30.56
	-16.7	-17	98.0	34.94	98.0	33.81	98.0	33.27	95.0	32.24	91.6	30.89	85.3	29.55
	-13.7	-15	102.4	33.28	100.5	32.21	98.0	31.65	95.0	30.64	91.6	29.39	85.3	28.11
	-11.8	-13	105.4	32.22	102.3	31.19	98.0	30.63	95.0	29.64	91.6	28.43	85.3	27.19
	-9.8	-11	108.2	31.11	103.5	30.13	98.0	29.56	95.0	28.57	91.6	27.43	85.3	26.23
	-9.5	-10	108.9	30.94	104.1	29.96	98.0	29.39	95.0	28.42	91.6	27.28	85.3	26.09
	-8.5	-9.1	109.8	30.39	104.3	29.43	98.0	28.86	95.0	27.88	91.6	26.78	85.3	25.61
	-7.0	-7.6	110.7	29.55	104.3	28.63	98.0	28.05	95.0	27.09	91.6	26.03	85.3	24.89
	-5.0	-5.6	110.7	28.44	104.3	27.56	98.0	26.98	95.0	26.03	91.6	25.02	85.3	23.93
	-3.0	-3.7	110.7	27.33	104.3	26.49	98.0	25.90	95.0	24.97	91.6	24.03	85.3	22.96
	0.0	-0.7	110.7	25.66	104.3	24.89	98.0	24.29	95.0	23.38	91.6	22.52	85.3	21.52
	3.0	2.2	110.7	24.00	104.3	23.29	98.0	22.67	95.0	21.79	91.6	21.02	85.3	20.09
	5.0	4.1	110.7	22.89	104.3	22.21	98.0	21.60	95.0	20.72	91.6	20.03	85.3	19.12
	7.0	6	110.7	21.77	104.3	21.14	98.0	20.52	95.0	19.67	91.6	19.02	85.3	18.16
	9.0	7.9	110.7	20.45	104.3	19.85	98.0	19.27	95.0	18.47	91.6	17.86	85.3	17.06
	11.0	9.8	110.7	18.98	104.3	18.43	98.0	17.89	95.0	17.13	91.6	16.57	85.3	15.83
	13.0	11.8	110.7	17.71	104.3	17.20	98.0	16.70	95.0	16.00	91.6	15.48	85.3	14.77
	15.0	13.7	110.7	16.68	104.3	16.19	98.0	15.72	95.0	15.06	91.6	14.57	85.3	13.91

7. Capacity Tables

Heating Capacity (38HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	74.8	33.39	74.8	33.51	74.4	33.76	74.4	34.12	74.4	32.49	72.0	30.96
	-21.8	-22	84.0	33.76	84.0	33.87	83.4	34.12	80.6	32.49	78.1	30.96	72.9	29.48
	-19.8	-20	90.0	34.00	88.7	34.12	83.4	32.97	80.6	31.40	78.1	29.94	72.9	28.50
	-18.8	-19	92.6	34.12	88.7	33.53	83.4	32.39	80.6	30.85	78.1	29.43	72.9	28.01
	-16.7	-17	93.9	32.89	88.7	32.28	83.4	31.19	80.6	29.70	78.1	28.36	72.9	26.97
	-13.7	-15	93.9	31.13	88.7	30.50	83.4	29.47	80.6	28.07	78.1	26.83	72.9	25.50
	-11.8	-13	93.9	30.00	88.7	29.37	83.4	28.38	80.6	27.03	78.1	25.86	72.9	24.56
	-9.8	-11	93.9	28.84	88.7	28.18	83.4	27.23	80.6	25.95	78.1	24.85	72.9	23.58
	-9.5	-10	93.9	28.65	88.7	28.00	83.4	27.06	80.6	25.78	78.1	24.70	72.9	23.43
	-8.5	-9.1	93.9	28.07	88.7	27.41	83.4	26.49	80.6	25.24	78.1	24.18	72.9	22.94
	-7.0	-7.6	93.9	27.19	88.7	26.52	83.4	25.63	80.6	24.43	78.1	23.42	72.9	22.20
	-5.0	-5.6	93.9	26.02	88.7	25.33	83.4	24.48	80.6	23.33	78.1	22.40	72.9	21.22
	-3.0	-3.7	93.9	24.84	88.7	24.14	83.4	23.33	80.6	22.24	78.1	21.38	72.9	20.24
	0.0	-0.7	93.9	23.07	88.7	22.36	83.4	21.61	80.6	20.61	78.1	19.85	72.9	18.76
	3.0	2.2	93.9	21.31	88.7	20.58	83.4	19.89	80.6	18.97	78.1	18.33	72.9	17.28
	5.0	4.1	93.9	20.14	88.7	19.39	83.4	18.74	80.6	17.89	78.1	17.31	72.9	16.30
	7.0	6	93.9	18.96	88.7	18.20	83.4	17.59	80.6	16.80	78.1	16.29	72.9	15.32
	9.0	7.9	93.9	17.13	88.7	16.44	83.4	15.88	80.6	15.17	78.1	14.71	72.9	13.83
	11.0	9.8	93.9	15.95	88.7	15.30	83.4	14.79	80.6	14.12	78.1	13.70	72.9	12.87
	13.0	11.8	93.9	14.92	88.7	14.32	83.4	13.84	80.6	13.21	78.1	12.82	72.9	12.05
	15.0	13.7	93.9	14.07	88.7	13.50	83.4	13.05	80.6	12.46	78.1	12.08	72.9	11.36
60	-24.8	-25	72.0	33.07	72.0	33.32	71.5	33.69	69.1	31.92	66.7	30.27	62.5	28.73
	-21.8	-22	77.1	33.44	76.2	33.69	71.5	31.92	69.1	30.27	66.7	28.73	62.5	27.23
	-19.8	-20	80.6	33.69	76.2	32.44	71.5	30.75	69.1	29.17	66.7	27.69	62.5	26.23
	-18.8	-19	80.6	33.06	76.2	31.82	71.5	30.17	69.1	28.63	66.7	27.17	62.5	25.73
	-16.7	-17	80.6	31.73	76.2	30.51	71.5	28.93	69.1	27.47	66.7	26.09	62.5	24.69
	-13.7	-15	80.6	29.85	76.2	28.64	71.5	27.17	69.1	25.83	66.7	24.54	62.5	23.19
	-11.8	-13	80.6	28.65	76.2	27.46	71.5	26.05	69.1	24.77	66.7	23.56	62.5	22.25
	-9.8	-11	80.6	27.39	76.2	26.21	71.5	24.88	69.1	23.68	66.7	22.53	62.5	21.25
	-9.5	-10	80.6	27.20	76.2	26.03	71.5	24.71	69.1	23.51	66.7	22.37	62.5	21.10
	-8.5	-9.1	80.6	26.57	76.2	25.41	71.5	24.12	69.1	22.97	66.7	21.86	62.5	20.60
	-7.0	-7.6	80.6	25.63	76.2	24.48	71.5	23.24	69.1	22.14	66.7	21.08	62.5	19.86
	-5.0	-5.6	80.6	24.37	76.2	23.23	71.5	22.07	69.1	21.04	66.7	20.05	62.5	18.86
	-3.0	-3.7	80.6	23.12	76.2	21.98	71.5	20.90	69.1	19.94	66.7	19.01	62.5	17.86
	0.0	-0.7	80.6	21.22	76.2	20.11	71.5	19.13	69.1	18.29	66.7	17.47	62.5	16.37
	3.0	2.2	80.6	19.34	76.2	18.25	71.5	17.37	69.1	16.64	66.7	15.91	62.5	14.87
	5.0	4.1	80.6	18.09	76.2	17.00	71.5	16.20	69.1	15.54	66.7	14.89	62.5	13.87
	7.0	6	80.6	16.82	76.2	15.76	71.5	15.03	69.1	14.43	66.7	13.85	62.5	12.87
	9.0	7.9	80.6	15.01	76.2	14.06	71.5	13.40	69.1	12.89	66.7	12.36	62.5	11.49
	11.0	9.8	80.6	14.01	76.2	13.13	71.5	12.51	69.1	12.03	66.7	11.54	62.5	10.73
	13.0	11.8	80.6	13.13	76.2	12.29	71.5	11.73	69.1	11.27	66.7	10.81	62.5	10.05
	15.0	13.7	80.6	12.40	76.2	11.62	71.5	11.08	69.1	10.64	66.7	10.22	62.5	9.50
50	-24.8	-25	67.2	28.64	63.4	29.00	59.6	27.47	57.7	26.03	55.7	24.67	51.9	23.41
	-21.8	-22	67.2	29.00	63.4	27.47	59.6	26.03	57.7	24.67	55.7	23.41	51.9	22.19
	-19.8	-20	67.2	27.93	63.4	26.44	59.6	25.07	57.7	23.76	55.7	22.56	51.9	21.37
	-18.8	-19	67.2	27.39	63.4	25.92	59.6	24.60	57.7	23.32	55.7	22.15	51.9	20.98
	-16.7	-17	67.2	26.27	63.4	24.86	59.6	23.59	57.7	22.36	55.7	21.26	51.9	20.12
	-13.7	-15	67.2	24.66	63.4	23.31	59.6	22.15	57.7	21.00	55.7	19.99	51.9	18.90
	-11.8	-13	67.2	23.64	63.4	22.34	59.6	21.24	57.7	20.14	55.7	19.19	51.9	18.14
	-9.8	-11	67.2	22.57	63.4	21.32	59.6	20.28	57.7	19.23	55.7	18.34	51.9	17.32
	-9.5	-10	67.2	22.41	63.4	21.17	59.6	20.13	57.7	19.10	55.7	18.22	51.9	17.20
	-8.5	-9.1	67.2	21.88	63.4	20.65	59.6	19.66	57.7	18.65	55.7	17.80	51.9	16.79
	-7.0	-7.6	67.2	21.07	63.4	19.88	59.6	18.94	57.7	17.96	55.7	17.17	51.9	16.19
	-5.0	-5.6	67.2	20.00	63.4	18.86	59.6	17.99	57.7	17.07	55.7	16.33	51.9	15.38
	-3.0	-3.7	67.2	18.93	63.4	17.83	59.6	17.02	57.7	16.16	55.7	15.48	51.9	14.56
	0.0	-0.7	67.2	17.33	63.4	16.29	59.6	15.59	57.7	14.80	55.7	14.21	51.9	13.35
	3.0	2.2	67.2	15.71	63.4	14.76	59.6	14.15	57.7	13.44	55.7	12.95	51.9	12.13
	5.0	4.1	67.2	14.64	63.4	13.73	59.6	13.20	57.7	12.53	55.7	12.11	51.9	11.32
	7.0	6	67.2	13.57	63.4	12.71	59.6	12.24	57.7	11.62	55.7	11.26	51.9	10.51
	9.0	7.9	67.2	12.25	63.4	11.47	59.6	11.06	57.7	10.50	55.7	10.17	51.9	9.50
	11.0	9.8	67.2	11.47	63.4	10.73	59.6	10.34	57.7	9.82	55.7	9.52	51.9	8.88
	13.0	11.8	67.2	10.77	63.4	10.08	59.6	9.71	57.7	9.23	55.7	8.94	51.9	8.34
	15.0	13.7	67.2	10.19	63.4	9.54	59.6	9.19	57.7	8.72	55.7	8.46	51.9	7.89

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM400LTE5

Heating Capacity (40HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	79.0	42.44	79.0	42.58	78.4	42.70	78.4	42.88	78.4	43.06	77.0	43.32
	-21.8	-22	96.0	42.72	96.0	42.86	95.4	42.98	95.4	43.16	95.4	43.32	93.6	43.60
	-19.8	-20	101.4	42.90	101.4	43.04	100.6	43.16	100.6	43.34	100.6	43.50	98.8	43.78
	-18.8	-19	103.4	42.98	103.4	43.12	102.8	43.24	102.8	43.42	102.8	43.60	100.8	43.86
	-16.7	-17	108.0	43.18	108.0	43.32	107.4	43.44	107.4	43.62	107.4	43.78	105.4	44.06
	-13.7	-15	114.6	43.46	114.6	43.58	114.0	43.70	114.0	43.88	114.0	44.06	111.8	42.46
	-11.8	-13	118.4	43.62	118.4	43.76	117.6	43.88	117.6	44.06	117.6	42.98	115.8	41.44
	-9.8	-11	122.2	43.80	122.2	43.94	121.6	44.06	121.6	42.92	121.6	41.86	120.0	40.38
	-9.5	-10	123.0	43.84	123.0	43.96	122.2	43.88	122.2	42.76	122.2	41.68	120.6	40.22
	-8.5	-9.1	125.4	43.92	125.4	44.06	124.6	43.30	124.6	42.18	124.0	41.12	122.8	39.68
	-7.0	-7.6	129.0	44.06	129.0	43.22	128.2	42.44	128.2	41.32	128.2	40.28	126.0	38.88
	-5.0	-5.6	133.6	42.98	133.6	42.10	132.8	41.30	132.8	40.20	132.8	39.16	130.2	37.82
	-3.0	-3.7	138.4	41.92	138.4	40.98	137.6	40.14	137.6	39.06	137.6	38.02	134.4	36.74
	0.0	-0.7	145.4	40.32	145.4	39.32	144.6	38.40	144.6	37.36	144.6	36.34	140.8	35.14
	3.0	2.2	152.6	38.72	152.6	37.64	151.6	36.68	151.6	35.64	151.6	34.64	142.2	33.54
	5.0	4.1	157.4	37.66	157.4	36.52	156.4	35.52	156.4	34.52	152.8	33.50	142.2	32.48
	7.0	6	162.0	36.58	162.0	35.40	161.0	34.38	158.4	33.38	152.8	32.38	142.2	31.42
	9.0	7.9	162.8	35.70	162.8	34.56	162.4	33.56	158.4	32.58	152.8	31.60	142.2	30.66
	11.0	9.8	162.8	35.16	162.8	34.02	162.4	33.04	158.4	32.06	152.8	31.12	142.2	30.18
	13.0	11.8	162.8	34.54	162.8	33.44	162.4	32.46	158.4	31.52	152.8	30.58	142.2	29.66
	15.0	13.7	162.8	33.90	162.8	32.80	162.4	31.84	158.4	30.92	152.8	30.00	142.2	29.10
120	-24.8	-25	78.4	42.58	78.4	42.70	77.8	42.88	77.8	43.06	77.8	43.32	76.4	43.52
	-21.8	-22	95.4	42.86	95.4	42.98	94.8	43.16	94.8	43.32	94.8	43.60	93.0	43.78
	-19.8	-20	100.6	43.04	100.6	43.16	100.0	43.34	100.0	43.50	100.0	43.78	98.0	43.96
	-18.8	-19	102.8	43.12	102.8	43.24	102.2	43.42	102.2	43.60	102.2	43.86	100.2	44.06
	-16.7	-17	107.4	43.32	107.4	43.44	106.6	43.62	106.6	43.78	106.6	44.06	104.6	43.02
	-13.7	-15	113.8	43.58	113.8	43.70	113.2	43.88	113.2	44.06	113.2	42.52	111.0	41.56
	-11.8	-13	117.6	43.76	117.6	43.88	116.8	44.06	116.8	42.98	116.8	41.56	115.0	40.62
	-9.8	-11	121.4	43.94	121.4	44.06	120.6	42.88	120.6	41.84	120.6	40.54	119.2	39.64
	-9.5	-10	122.2	43.96	122.2	43.88	121.4	42.70	121.4	41.66	121.4	40.38	119.8	39.50
	-8.5	-9.1	124.4	44.06	124.4	43.24	123.8	42.10	123.8	41.10	123.8	39.88	122.0	39.00
	-7.0	-7.6	128.0	43.14	128.0	42.30	127.2	41.22	127.2	40.24	127.2	39.12	125.0	38.26
	-5.0	-5.6	132.8	41.90	132.8	41.06	131.8	40.02	131.8	39.10	131.8	38.10	129.4	37.28
	-3.0	-3.7	137.4	40.66	137.4	39.82	136.6	38.84	136.6	37.96	136.6	37.08	133.6	36.30
	0.0	-0.7	144.4	38.82	144.4	37.94	143.6	37.06	143.6	36.26	143.6	35.54	133.6	34.84
	3.0	2.2	151.6	36.96	151.6	36.06	150.6	35.28	148.4	34.56	143.8	34.02	133.6	33.36
	5.0	4.1	156.2	35.74	156.2	34.82	153.6	34.10	148.4	33.42	143.8	33.00	133.6	32.38
	7.0	6	161.0	34.50	159.8	33.56	153.6	32.90	148.4	32.28	143.8	31.98	133.6	31.40
	9.0	7.9	161.6	33.60	159.8	32.68	153.6	32.04	148.4	31.42	143.8	31.12	133.6	30.58
	11.0	9.8	161.6	32.98	159.8	32.08	153.6	31.44	148.4	30.84	143.8	30.56	133.6	30.02
	13.0	11.8	161.6	32.30	159.8	31.44	153.6	30.82	148.4	30.22	143.8	29.94	133.6	29.40
	15.0	13.7	161.6	31.60	159.8	30.74	153.6	30.14	148.4	29.56	143.8	29.28	133.6	28.76
110	-24.8	-25	78.0	42.70	78.0	42.88	77.4	43.06	77.4	43.32	77.4	43.52	76.0	43.60
	-21.8	-22	94.8	42.98	94.8	43.16	94.2	43.32	94.2	43.60	94.2	43.78	92.4	43.88
	-19.8	-20	100.0	43.16	100.0	43.34	99.4	43.50	99.4	43.78	99.4	43.96	97.4	44.06
	-18.8	-19	102.2	43.24	102.2	43.42	101.6	43.60	101.6	43.86	101.6	44.06	99.6	43.50
	-16.7	-17	106.8	43.44	106.8	43.62	106.0	43.78	106.0	44.06	106.0	42.94	104.0	42.36
	-13.7	-15	113.2	43.70	113.2	43.88	112.4	44.06	112.4	42.36	112.4	41.34	112.4	40.70
	-11.8	-13	116.8	43.88	116.8	44.06	116.2	42.86	116.2	41.30	116.2	40.32	116.2	39.66
	-9.8	-11	120.8	44.06	120.8	42.72	120.0	41.60	120.0	40.16	120.0	39.26	119.2	38.56
	-9.5	-10	121.4	43.84	121.4	42.50	120.8	41.42	120.8	40.00	120.8	39.10	120.2	38.40
	-8.5	-9.1	123.8	43.12	123.8	41.84	123.0	40.80	123.0	39.42	123.0	38.56	120.2	37.86
	-7.0	-7.6	127.4	42.02	127.4	40.82	126.6	39.84	126.6	38.58	126.6	37.76	120.2	37.04
	-5.0	-5.6	132.0	40.58	132.0	39.48	131.2	38.60	131.2	37.46	128.8	36.70	120.2	35.94
	-3.0	-3.7	136.6	39.14	136.6	38.14	135.8	37.34	133.2	36.32	128.8	35.62	120.2	34.84
	0.0	-0.7	143.6	36.96	143.6	36.12	137.8	35.46	133.2	34.62	128.8	34.02	120.2	33.18
	3.0	2.2	150.6	34.78	146.8	34.10	137.8	33.56	133.2	32.94	128.8	32.42	120.2	31.54
	5.0	4.1	155.4	33.34	146.8	32.76	137.8	32.32	133.2	31.80	128.8	31.36	120.2	30.44
	7.0	6	155.4	31.88	146.8	31.40	137.8	31.06	133.2	30.68	128.8	30.28	120.2	29.34
	9.0	7.9	155.4	30.90	146.8	30.44	137.8	30.10	133.2	29.74	128.8	29.34	120.2	28.44
	11.0	9.8	155.4	30.18	146.8	29.74	137.8	29.40	133.2	29.04	128.8	28.66	120.2	27.78
	13.0	11.8	155.4	29.42	146.8	28.98	137.8	28.66	133.2	28.30	128.8	27.94	120.2	27.08
	15.0	13.7	155.4	28.60	146.8	28.16	137.8	27.86	133.2	27.52	128.8	27.16	120.2	26.32

7. Capacity Tables

Heating Capacity (40HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	77.6	46.70	77.6	46.36	77.2	42.70	77.2	45.48	77.2	45.12	75.6	44.94
	-21.8	-22	94.4	46.18	94.4	45.82	93.8	44.04	93.8	44.96	93.8	45.14	92.0	44.42
	-19.8	-20	99.6	45.82	99.6	45.46	99.0	44.86	99.0	44.60	99.0	44.42	97.0	44.06
	-18.8	-19	101.8	45.64	101.2	45.30	101.2	44.96	101.2	44.42	101.2	44.06	99.2	43.38
	-16.7	-17	105.6	45.28	105.6	44.92	105.6	45.14	105.0	44.06	105.0	42.66	103.0	41.96
	-13.7	-15	112.6	44.74	112.6	44.40	112.0	44.06	112.0	42.04	112.0	40.66	109.8	39.92
	-11.8	-13	116.2	44.42	115.6	44.06	115.6	42.72	115.6	40.76	115.6	39.40	109.8	38.62
	-9.8	-11	120.2	44.06	120.2	42.56	119.6	41.30	119.6	39.42	118.0	38.06	109.8	37.26
	-9.5	-10	120.8	43.82	120.8	42.32	120.2	41.08	120.2	39.22	118.0	37.88	109.8	37.06
	-8.5	-9.1	123.2	43.04	123.2	41.58	122.6	40.38	122.0	38.54	118.0	37.20	109.8	36.38
	-7.0	-7.6	128.8	41.86	128.2	40.44	126.0	39.30	122.0	37.52	118.0	36.20	109.8	35.36
	-5.0	-5.6	134.4	40.28	133.0	38.94	126.0	37.88	122.0	36.18	118.0	34.88	109.8	34.02
	-3.0	-3.7	138.2	38.72	134.0	37.44	126.0	36.48	122.0	34.84	118.0	33.54	109.8	32.66
	0.0	-0.7	142.2	36.36	134.0	35.18	126.0	34.34	122.0	32.82	118.0	31.54	109.8	30.62
	3.0	2.2	142.2	34.00	134.0	32.92	126.0	32.22	122.0	30.80	118.0	29.56	109.8	28.58
	5.0	4.1	142.2	32.44	134.0	31.40	126.0	30.80	122.0	29.46	118.0	28.22	109.8	27.22
	7.0	6	142.2	30.86	134.0	29.90	126.0	29.38	122.0	28.10	118.0	26.90	109.8	25.86
	9.0	7.9	142.2	29.78	134.0	28.86	126.0	28.36	122.0	27.12	118.0	25.96	109.8	24.96
	11.0	9.8	142.2	28.96	134.0	28.04	126.0	27.56	122.0	26.36	118.0	25.22	109.8	24.26
	13.0	11.8	142.2	28.08	134.0	27.20	126.0	26.72	122.0	25.56	118.0	24.46	109.8	23.52
	15.0	13.7	142.2	27.14	134.0	26.28	126.0	25.82	122.0	24.72	118.0	23.64	109.8	22.74
90	-24.8	-25	77.4	41.80	77.4	42.06	76.8	42.26	76.8	42.34	76.8	42.54	75.4	42.80
	-21.8	-22	94.0	42.06	94.0	42.34	93.4	42.54	93.4	42.62	93.4	42.80	91.6	40.98
	-19.8	-20	99.2	42.26	99.2	42.52	98.6	42.72	98.6	42.80	98.6	41.56	96.8	39.78
	-18.8	-19	101.8	42.34	101.2	42.62	100.8	42.80	100.8	42.16	100.8	40.94	98.8	39.16
	-16.7	-17	105.6	42.54	105.6	42.80	105.2	41.48	105.2	40.82	105.2	39.64	100.4	37.88
	-13.7	-15	112.6	42.80	112.6	40.84	111.6	39.60	111.6	38.92	108.2	37.78	100.4	36.08
	-11.8	-13	116.2	41.46	115.6	39.60	115.2	38.40	111.8	37.70	108.2	36.60	100.4	34.92
	-9.8	-11	120.2	40.06	120.2	38.30	115.2	37.16	111.8	36.42	108.2	35.36	100.4	33.70
	-9.5	-10	120.8	39.84	120.8	38.10	115.2	36.96	111.8	36.22	108.2	35.18	100.4	33.52
	-8.5	-9.1	123.2	39.14	122.2	37.46	115.2	36.34	111.8	35.60	108.2	34.56	100.4	32.92
	-7.0	-7.6	128.8	38.08	122.4	36.48	115.2	35.40	111.8	34.64	108.2	33.62	100.4	32.00
	-5.0	-5.6	130.2	36.66	122.4	35.18	115.2	34.14	111.8	33.36	108.2	32.38	100.4	30.80
	-3.0	-3.7	130.2	35.26	122.4	33.86	115.2	32.88	111.8	32.08	108.2	31.14	100.4	29.58
	0.0	-0.7	130.2	33.14	122.4	31.90	115.2	31.00	111.8	30.16	108.2	29.28	100.4	27.76
	3.0	2.2	130.2	31.04	122.4	29.96	115.2	29.12	111.8	28.26	108.2	27.42	100.4	25.94
	5.0	4.1	130.2	29.62	122.4	28.64	115.2	27.86	111.8	26.98	108.2	26.18	100.4	24.72
	7.0	6	130.2	28.22	122.4	27.34	115.2	26.60	111.8	25.70	108.2	24.94	100.4	23.52
	9.0	7.9	130.2	26.88	122.4	26.06	115.2	25.36	111.8	24.48	108.2	23.76	100.4	22.40
	11.0	9.8	130.2	25.54	122.4	24.76	115.2	24.10	111.8	23.28	108.2	22.58	100.4	21.30
	13.0	11.8	130.2	24.22	122.4	23.48	115.2	22.84	111.8	22.06	108.2	21.40	100.4	20.18
	15.0	13.7	130.2	22.88	122.4	22.18	115.2	21.58	111.8	20.84	108.2	20.22	100.4	19.08
80	-24.8	-25	77.0	36.94	77.0	37.22	76.6	37.42	76.6	37.50	76.6	37.96	75.0	36.36
	-21.8	-22	93.0	37.22	93.0	37.50	93.0	37.68	93.0	37.96	93.0	36.36	89.8	34.82
	-19.8	-20	98.2	37.40	98.2	37.68	98.2	37.96	98.2	36.82	96.4	35.28	89.8	33.78
	-18.8	-19	100.4	37.50	100.4	37.96	100.4	37.38	100.0	36.26	96.4	34.76	89.8	33.28
	-16.7	-17	103.2	37.96	103.2	36.76	103.2	36.18	100.0	35.08	96.4	33.64	89.8	32.20
	-13.7	-15	107.8	36.20	105.8	35.06	103.2	34.46	100.0	33.38	96.4	32.04	89.8	30.66
	-11.8	-13	110.6	35.08	107.4	33.98	103.2	33.38	100.0	32.32	96.4	31.02	89.8	29.68
	-9.8	-11	113.6	33.90	108.8	32.86	103.2	32.24	100.0	31.18	96.4	29.96	89.8	28.66
	-9.5	-10	114.4	33.72	109.4	32.68	103.2	32.06	100.0	31.02	96.4	29.80	89.8	28.50
	-8.5	-9.1	115.4	33.14	109.8	32.12	103.2	31.50	100.0	30.44	96.4	29.26	89.8	28.00
	-7.0	-7.6	116.6	32.26	109.8	31.26	103.2	30.64	100.0	29.60	96.4	28.46	89.8	27.22
	-5.0	-5.6	116.6	31.08	109.8	30.14	103.2	29.50	100.0	28.48	96.4	27.38	89.8	26.20
	-3.0	-3.7	116.6	29.90	109.8	29.00	103.2	28.36	100.0	27.34	96.4	26.32	89.8	25.16
	0.0	-0.7	116.6	28.14	109.8	27.30	103.2	26.64	100.0	25.66	96.4	24.72	89.8	23.62
	3.0	2.2	116.6	26.38	109.8	25.60	103.2	24.92	100.0	23.96	96.4	23.12	89.8	22.10
	5.0	4.1	116.6	25.20	109.8	24.46	103.2	23.78	100.0	22.82	96.4	22.06	89.8	21.06
	7.0	6	116.6	24.02	109.8	23.32	103.2	22.64	100.0	21.70	96.4	20.98	89.8	20.04
	9.0	7.9	116.6	22.56	109.8	21.90	103.2	21.26	100.0	20.38	96.4	19.70	89.8	18.82
	11.0	9.8	116.6	20.94	109.8	20.34	103.2	19.74	100.0	18.90	96.4	18.28	89.8	17.46
	13.0	11.8	116.6	19.54	109.8	18.98	103.2	18.42	100.0	17.66	96.4	17.08	89.8	16.30
	15.0	13.7	116.6	18.40	109.8	17.86	103.2	17.34	100.0	16.62	96.4	16.08	89.8	15.34

7. Capacity Tables

Heating Capacity (40HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	77.0	36.52	77.0	36.62	76.6	36.80	76.6	37.06	76.6	35.32	75.0	33.68
	-21.8	-22	88.4	36.80	88.4	36.88	87.8	37.06	84.8	35.32	82.2	33.68	76.8	32.10
	-19.8	-20	96.0	36.98	93.4	37.06	87.8	35.84	84.8	34.16	82.2	32.60	76.8	31.04
	-18.8	-19	98.8	37.06	93.4	36.44	87.8	35.22	84.8	33.56	82.2	32.04	76.8	30.52
	-16.7	-17	98.8	35.76	93.4	35.10	87.8	33.94	84.8	32.34	82.2	30.90	76.8	29.40
	-13.7	-15	98.8	33.88	93.4	33.20	87.8	32.10	84.8	30.60	82.2	29.26	76.8	27.82
	-11.8	-13	98.8	32.68	93.4	32.00	87.8	30.94	84.8	29.48	82.2	28.22	76.8	26.82
	-9.8	-11	98.8	31.44	93.4	30.72	87.8	29.70	84.8	28.32	82.2	27.14	76.8	25.76
	-9.5	-10	98.8	31.24	93.4	30.54	87.8	29.52	84.8	28.14	82.2	26.98	76.8	25.60
	-8.5	-9.1	98.8	30.62	93.4	29.90	87.8	28.92	84.8	27.56	82.2	26.42	76.8	25.08
	-7.0	-7.6	98.8	29.68	93.4	28.96	87.8	28.00	84.8	26.70	82.2	25.60	76.8	24.28
	-5.0	-5.6	98.8	28.44	93.4	27.68	87.8	26.76	84.8	25.52	82.2	24.52	76.8	23.24
	-3.0	-3.7	98.8	27.18	93.4	26.42	87.8	25.54	84.8	24.36	82.2	23.42	76.8	22.18
	0.0	-0.7	98.8	25.30	93.4	24.52	87.8	23.70	84.8	22.62	82.2	21.78	76.8	20.60
	3.0	2.2	98.8	23.42	93.4	22.62	87.8	21.86	84.8	20.86	82.2	20.16	76.8	19.00
	5.0	4.1	98.8	22.18	93.4	21.34	87.8	20.64	84.8	19.70	82.2	19.06	76.8	17.96
	7.0	6	98.8	20.92	93.4	20.08	87.8	19.40	84.8	18.54	82.2	17.98	76.8	16.90
	9.0	7.9	98.8	18.90	93.4	18.14	87.8	17.52	84.8	16.74	82.2	16.22	76.8	15.26
	11.0	9.8	98.8	17.60	93.4	16.88	87.8	16.32	84.8	15.58	82.2	15.12	76.8	14.20
	13.0	11.8	98.8	16.46	93.4	15.80	87.8	15.26	84.8	14.58	82.2	14.14	76.8	13.30
	15.0	13.7	98.8	15.52	93.4	14.90	87.8	14.40	84.8	13.74	82.2	13.32	76.8	12.54
60	-24.8	-25	75.8	36.20	75.8	36.38	75.2	36.66	72.8	34.76	70.2	32.98	65.8	31.32
	-21.8	-22	81.2	36.48	80.2	36.66	75.2	34.76	72.8	32.98	70.2	31.32	65.8	29.70
	-19.8	-20	84.8	36.66	80.2	35.32	75.2	33.50	72.8	31.80	70.2	30.20	65.8	28.62
	-18.8	-19	84.8	35.98	80.2	34.66	75.2	32.88	72.8	31.22	70.2	29.64	65.8	28.08
	-16.7	-17	84.8	34.56	80.2	33.24	75.2	31.54	72.8	29.96	70.2	28.48	65.8	26.96
	-13.7	-15	84.8	32.54	80.2	31.24	75.2	29.64	72.8	28.20	70.2	26.80	65.8	25.34
	-11.8	-13	84.8	31.26	80.2	29.96	75.2	28.44	72.8	27.06	70.2	25.74	65.8	24.32
	-9.8	-11	84.8	29.90	80.2	28.62	75.2	27.18	72.8	25.88	70.2	24.64	65.8	23.24
	-9.5	-10	84.8	29.70	80.2	28.42	75.2	27.00	72.8	25.70	70.2	24.46	65.8	23.08
	-8.5	-9.1	84.8	29.02	80.2	27.76	75.2	26.36	72.8	25.12	70.2	23.92	65.8	22.54
	-7.0	-7.6	84.8	28.02	80.2	26.76	75.2	25.42	72.8	24.22	70.2	23.08	65.8	21.74
	-5.0	-5.6	84.8	26.66	80.2	25.42	75.2	24.16	72.8	23.04	70.2	21.96	65.8	20.66
	-3.0	-3.7	84.8	25.32	80.2	24.08	75.2	22.90	72.8	21.86	70.2	20.84	65.8	19.58
	0.0	-0.7	84.8	23.28	80.2	22.06	75.2	21.00	72.8	20.08	70.2	19.18	65.8	17.98
	3.0	2.2	84.8	21.26	80.2	20.06	75.2	19.10	72.8	18.30	70.2	17.50	65.8	16.36
	5.0	4.1	84.8	19.92	80.2	18.72	75.2	17.84	72.8	17.12	70.2	16.40	65.8	15.28
	7.0	6	84.8	18.56	80.2	17.38	75.2	16.58	72.8	15.92	70.2	15.28	65.8	14.20
	9.0	7.9	84.8	16.56	80.2	15.52	75.2	14.78	72.8	14.22	70.2	13.64	65.8	12.68
	11.0	9.8	84.8	15.46	80.2	14.48	75.2	13.80	72.8	13.28	70.2	12.74	65.8	11.84
	13.0	11.8	84.8	14.48	80.2	13.56	75.2	12.94	72.8	12.44	70.2	11.92	65.8	11.08
	15.0	13.7	84.8	13.68	80.2	12.82	75.2	12.22	72.8	11.74	70.2	11.28	65.8	10.48
50	-24.8	-25	70.8	31.24	66.8	31.50	62.8	29.86	60.8	28.32	58.6	26.86	54.6	25.50
	-21.8	-22	70.8	31.50	66.8	29.86	62.8	28.32	60.8	26.86	58.6	25.50	54.6	24.18
	-19.8	-20	70.8	30.36	66.8	28.76	62.8	27.28	60.8	25.88	58.6	24.58	54.6	23.30
	-18.8	-19	70.8	29.78	66.8	28.20	62.8	26.78	60.8	25.40	58.6	24.14	54.6	22.88
	-16.7	-17	70.8	28.58	66.8	27.06	62.8	25.70	60.8	24.36	58.6	23.18	54.6	21.96
	-13.7	-15	70.8	26.86	66.8	25.40	62.8	24.14	60.8	22.90	58.6	21.82	54.6	20.64
	-11.8	-13	70.8	25.76	66.8	24.36	62.8	23.18	60.8	21.98	58.6	20.96	54.6	19.82
	-9.8	-11	70.8	24.62	66.8	23.26	62.8	22.14	60.8	21.00	58.6	20.04	54.6	18.94
	-9.5	-10	70.8	24.44	66.8	23.10	62.8	21.98	60.8	20.86	58.6	19.92	54.6	18.80
	-8.5	-9.1	70.8	23.88	66.8	22.54	62.8	21.48	60.8	20.38	58.6	19.46	54.6	18.36
	-7.0	-7.6	70.8	23.00	66.8	21.72	62.8	20.70	60.8	19.64	58.6	18.78	54.6	17.72
	-5.0	-5.6	70.8	21.86	66.8	20.62	62.8	19.68	60.8	18.68	58.6	17.88	54.6	16.84
	-3.0	-3.7	70.8	20.72	66.8	19.52	62.8	18.64	60.8	17.70	58.6	16.96	54.6	15.96
	0.0	-0.7	70.8	19.00	66.8	17.86	62.8	17.10	60.8	16.24	58.6	15.60	54.6	14.66
	3.0	2.2	70.8	17.26	66.8	16.22	62.8	15.56	60.8	14.78	58.6	14.24	54.6	13.34
	5.0	4.1	70.8	16.12	66.8	15.12	62.8	14.54	60.8	13.80	58.6	13.34	54.6	12.46
	7.0	6	70.8	14.98	66.8	14.02	62.8	13.50	60.8	12.82	58.6	12.42	54.6	11.60
	9.0	7.9	70.8	13.52	66.8	12.66	62.8	12.20	60.8	11.58	58.6	11.22	54.6	10.48
	11.0	9.8	70.8	12.66	66.8	11.84	62.8	11.40	60.8	10.84	58.6	10.50	54.6	9.80
	13.0	11.8	70.8	11.88	66.8	11.12	62.8	10.72	60.8	10.18	58.6	9.86	54.6	9.20
	15.0	13.7	70.8	11.24	66.8	10.52	62.8	10.14	60.8	9.62	58.6	9.34	54.6	8.70

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM420LTE5

Heating Capacity (42HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	85.1	40.48	85.1	41.01	84.6	41.49	84.6	42.20	84.6	42.91	83.7	44.00
	-21.8	-22	101.0	41.57	101.0	42.10	100.3	42.58	100.3	43.29	100.3	44.00	99.3	45.07
	-19.8	-20	105.3	42.28	105.3	42.83	104.6	43.29	104.6	44.03	104.6	44.71	103.5	45.80
	-18.8	-19	107.6	42.65	107.6	43.19	106.9	43.67	106.9	44.38	106.9	45.07	105.8	46.16
	-16.7	-17	112.5	43.42	112.5	43.95	111.7	44.43	111.7	45.14	111.7	45.83	110.4	46.92
	-13.7	-15	119.4	44.50	119.4	45.04	118.6	45.52	118.6	46.23	118.6	46.92	117.3	44.83
	-11.8	-13	123.2	45.19	123.2	45.72	122.5	46.20	122.5	46.92	122.5	45.50	121.5	43.51
	-9.8	-11	127.4	45.90	127.4	46.46	126.5	46.92	126.5	45.38	126.5	44.00	125.5	42.13
	-9.5	-10	128.1	46.03	128.1	46.56	127.4	46.69	127.4	45.13	127.1	43.78	126.2	41.91
	-8.5	-9.1	131.0	46.38	131.0	46.92	130.3	45.87	130.3	44.37	129.2	43.02	128.2	41.21
	-7.0	-7.6	135.4	46.92	135.4	45.69	134.5	44.66	134.5	43.19	134.5	41.89	132.6	40.17
	-5.0	-5.6	141.2	45.29	141.2	44.08	140.2	43.03	140.2	41.64	140.2	40.39	136.9	38.77
	-3.0	-3.7	146.9	43.64	146.9	42.45	145.9	41.41	145.9	40.08	145.9	38.89	141.5	37.39
	0.0	-0.7	155.3	41.18	155.3	40.00	154.5	38.98	154.5	37.76	154.5	36.63	147.7	35.30
	3.0	2.2	164.0	38.72	164.0	37.55	162.9	36.54	162.9	35.43	159.9	34.36	149.4	33.21
	5.0	4.1	168.7	37.07	168.7	35.92	167.9	34.93	165.5	33.88	160.4	32.86	149.4	31.81
	7.0	6	170.9	35.43	170.9	34.29	170.0	33.29	166.2	32.32	160.4	31.36	149.4	30.43
	9.0	7.9	171.1	34.06	171.1	32.95	170.5	31.99	166.2	31.05	160.4	30.14	149.4	29.24
	11.0	9.8	171.1	32.95	171.1	31.87	170.5	30.96	166.2	30.06	160.4	29.16	149.4	28.29
	13.0	11.8	171.1	31.77	171.1	30.75	170.5	29.85	166.2	28.98	160.4	28.13	149.4	27.29
	15.0	13.7	171.1	30.53	171.1	29.55	170.5	28.68	166.2	27.86	160.4	27.02	149.4	26.21
120	-24.8	-25	84.6	41.01	84.6	41.49	84.0	42.20	84.0	42.91	84.0	44.00	83.1	44.76
	-21.8	-22	100.3	42.10	100.3	42.58	99.6	43.29	99.6	44.00	99.6	45.07	98.6	45.83
	-19.8	-20	104.5	42.83	104.5	43.29	103.8	44.03	103.8	44.71	103.8	45.80	102.8	46.56
	-18.8	-19	106.8	43.19	106.8	43.67	106.1	44.38	106.1	45.07	106.1	46.16	105.1	46.92
	-16.7	-17	111.7	43.95	111.7	44.43	111.0	45.14	111.0	45.83	111.0	46.92	109.7	45.59
	-13.7	-15	118.4	45.04	118.4	45.52	117.7	46.23	117.7	46.92	117.7	44.90	116.5	43.67
	-11.8	-13	122.3	45.72	122.3	46.20	121.5	46.92	121.5	45.48	121.5	43.62	120.6	42.45
	-9.8	-11	126.4	46.46	126.4	46.92	125.7	45.32	125.7	43.97	125.7	42.27	124.7	41.17
	-9.5	-10	127.3	46.56	127.3	46.66	126.6	45.09	126.6	43.75	126.6	42.08	125.6	40.98
	-8.5	-9.1	130.2	46.92	130.2	45.80	129.3	44.27	129.3	42.98	129.1	41.41	128.1	40.34
	-7.0	-7.6	134.4	45.62	134.4	44.53	133.6	43.09	133.6	41.86	132.8	40.39	131.6	39.37
	-5.0	-5.6	140.1	43.88	140.1	42.81	139.2	41.49	139.2	40.33	139.2	39.04	136.1	38.09
	-3.0	-3.7	145.9	42.14	145.9	41.10	144.9	39.87	144.9	38.83	144.9	37.70	139.5	36.81
	0.0	-0.7	154.3	39.52	154.3	38.52	153.3	37.48	153.3	36.56	150.9	35.68	140.3	34.89
	3.0	2.2	162.9	36.90	162.9	35.95	160.0	35.09	155.8	34.29	150.9	33.66	140.3	32.98
	5.0	4.1	167.4	35.16	166.4	34.24	161.3	33.47	155.8	32.78	150.9	32.32	140.3	31.70
	7.0	6	169.5	33.42	167.9	32.52	161.3	31.87	155.8	31.26	150.9	30.97	140.3	30.42
	9.0	7.9	169.7	32.05	167.9	31.18	161.3	30.58	155.8	30.00	150.9	29.72	140.3	29.17
	11.0	9.8	169.7	30.97	167.9	30.12	161.3	29.53	155.8	28.97	150.9	28.69	140.3	28.19
	13.0	11.8	169.7	29.81	167.9	28.99	161.3	28.42	155.8	27.89	150.9	27.62	140.3	27.13
	15.0	13.7	169.7	28.57	167.9	27.79	161.3	27.26	155.8	26.73	150.9	26.48	140.3	26.00
110	-24.8	-25	84.0	41.49	84.0	42.20	83.6	42.91	83.6	44.00	83.6	44.76	82.7	45.11
	-21.8	-22	99.9	42.58	99.9	43.29	99.2	44.00	99.2	45.07	99.2	45.83	98.2	46.20
	-19.8	-20	103.9	43.29	103.9	44.03	103.4	44.71	103.4	45.80	103.4	46.56	102.1	46.92
	-18.8	-19	106.2	43.67	106.2	44.38	105.5	45.07	105.5	46.16	105.5	46.92	104.4	46.23
	-16.7	-17	111.0	44.43	111.0	45.14	110.3	45.83	110.3	46.92	110.3	45.49	109.0	44.78
	-13.7	-15	117.9	45.52	117.9	46.23	117.0	46.92	117.0	44.75	117.0	43.44	117.0	42.71
	-11.8	-13	121.8	46.20	121.8	46.92	120.8	45.37	120.8	43.37	120.8	42.15	120.8	41.41
	-9.8	-11	125.7	46.92	125.7	45.18	125.0	43.76	125.0	41.92	125.0	40.79	124.3	40.03
	-9.5	-10	126.6	46.63	126.6	44.90	125.9	43.51	125.9	41.70	125.9	40.59	125.7	39.81
	-8.5	-9.1	129.5	45.69	129.5	44.03	128.6	42.70	128.6	40.96	128.6	39.89	126.3	39.12
	-7.0	-7.6	133.7	44.25	133.7	42.71	132.9	41.48	132.9	39.87	132.9	38.89	126.3	38.09
	-5.0	-5.6	139.4	42.34	139.4	40.95	138.4	39.85	138.4	38.42	135.1	37.51	126.3	36.70
	-3.0	-3.7	144.9	40.44	144.9	39.21	143.8	38.21	140.0	36.97	135.1	36.15	126.3	35.34
	0.0	-0.7	153.5	37.57	152.7	36.58	144.6	35.77	140.0	34.79	135.1	34.12	126.3	33.27
	3.0	2.2	161.1	34.71	154.1	33.93	144.6	33.33	140.0	32.63	135.1	32.06	126.3	31.20
	5.0	4.1	163.1	32.80	154.1	32.18	144.6	31.71	140.0	31.18	135.1	30.70	126.3	29.81
	7.0	6	163.1	30.88	154.1	30.42	144.6	30.08	140.0	29.71	135.1	29.33	126.3	28.43
	9.0	7.9	163.1	29.51	154.1	29.06	144.6	28.75	140.0	28.40	135.1	28.03	126.3	27.16
	11.0	9.8	163.1	28.37	154.1	27.95	144.6	27.63	140.0	27.29	135.1	26.94	126.3	26.11
	13.0	11.8	163.1	27.16	154.1	26.77	144.6	26.46	140.0	26.14	135.1	25.80	126.3	25.02
	15.0	13.7	163.1	25.91	154.1	25.52	144.6	25.22	140.0	24.92	135.1	24.61	126.3	23.84

7. Capacity Tables

Heating Capacity (42HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	83.6	45.21	83.6	45.43	83.2	43.69	83.2	45.99	83.2	46.24	82.3	46.35
	-21.8	-22	99.3	45.56	99.3	45.78	98.8	45.08	98.8	46.34	98.8	47.10	97.6	46.70
	-19.8	-20	103.5	45.78	103.5	46.00	102.8	45.97	102.8	46.56	102.8	46.98	101.8	46.92
	-18.8	-19	105.8	45.89	105.1	46.13	105.1	46.34	105.1	46.67	105.1	46.92	104.0	46.10
	-16.7	-17	109.9	46.13	109.9	46.37	109.9	47.10	109.3	46.92	109.3	45.22	108.0	44.40
	-13.7	-15	117.3	46.48	117.3	46.70	116.6	46.92	116.6	44.44	116.6	42.81	115.4	41.95
	-11.8	-13	121.1	46.70	120.4	46.92	120.4	45.23	120.4	42.85	120.4	41.25	115.4	40.39
	-9.8	-11	125.0	46.92	125.0	45.01	124.6	43.45	124.6	41.20	123.9	39.65	115.4	38.76
	-9.5	-10	125.9	46.62	125.9	44.72	125.3	43.17	125.3	40.94	123.9	39.40	115.4	38.52
	-8.5	-9.1	128.8	45.60	128.8	43.78	128.1	42.29	128.1	40.10	123.9	38.58	115.4	37.71
	-7.0	-7.6	135.1	44.08	134.7	42.33	132.3	40.94	128.1	38.87	123.9	37.38	115.4	36.47
	-5.0	-5.6	141.1	42.06	139.7	40.43	132.3	39.16	128.1	37.21	123.9	35.75	115.4	34.84
	-3.0	-3.7	145.2	40.03	140.7	38.52	132.3	37.38	128.1	35.53	123.9	34.15	115.4	33.21
	0.0	-0.7	149.2	37.01	140.7	35.65	132.3	34.70	128.1	33.05	123.9	31.71	115.4	30.76
	3.0	2.2	149.2	33.96	140.7	32.78	132.3	32.02	128.1	30.56	123.9	29.30	115.4	28.31
	5.0	4.1	149.2	31.93	140.7	30.88	132.3	30.24	128.1	28.88	123.9	27.67	115.4	26.68
	7.0	6	149.2	29.91	140.7	28.97	132.3	28.46	128.1	27.22	123.9	26.05	115.4	25.05
	9.0	7.9	149.2	28.18	140.7	27.29	132.3	26.81	128.1	25.66	123.9	24.56	115.4	23.60
	11.0	9.8	149.2	26.67	140.7	25.84	132.3	25.39	128.1	24.29	123.9	23.24	115.4	22.35
	13.0	11.8	149.2	25.09	140.7	24.29	132.3	23.87	128.1	22.84	123.9	21.86	115.4	21.01
	15.0	13.7	149.2	23.43	140.7	22.68	132.3	22.29	128.1	21.32	123.9	20.41	115.4	19.62
90	-24.8	-25	83.3	40.63	83.3	41.72	82.9	42.48	82.9	42.84	82.9	43.57	82.0	44.66
	-21.8	-22	98.9	41.72	98.9	42.81	98.4	43.57	98.4	43.93	98.4	44.66	97.2	42.58
	-19.8	-20	103.1	42.45	103.1	43.52	102.4	44.28	102.4	44.66	102.4	43.23	101.4	41.21
	-18.8	-19	105.8	42.81	105.1	43.90	104.7	44.66	104.7	43.92	104.7	42.52	103.6	40.53
	-16.7	-17	109.9	43.57	109.9	44.66	109.3	43.11	109.3	42.36	109.3	41.03	105.4	39.09
	-13.7	-15	117.3	44.66	117.3	42.35	116.2	40.92	116.2	40.16	113.5	38.89	105.4	37.01
	-11.8	-13	121.1	43.06	120.4	40.89	120.0	39.53	117.3	38.76	113.5	37.53	105.4	35.71
	-9.8	-11	125.0	41.39	125.0	39.37	121.1	38.07	117.3	37.28	113.5	36.12	105.4	34.34
	-9.5	-10	125.9	41.13	125.9	39.13	121.1	37.85	117.3	37.06	113.5	35.90	105.4	34.14
	-8.5	-9.1	128.8	40.30	127.8	38.38	121.1	37.11	117.3	36.31	113.5	35.19	105.4	33.43
	-7.0	-7.6	135.1	39.04	128.5	37.22	121.1	36.01	117.3	35.21	113.5	34.12	105.4	32.41
	-5.0	-5.6	136.6	37.37	128.5	35.68	121.1	34.56	117.3	33.75	113.5	32.69	105.4	31.04
	-3.0	-3.7	136.6	35.70	128.5	34.16	121.1	33.10	117.3	32.26	113.5	31.26	105.4	29.65
	0.0	-0.7	136.6	33.19	128.5	31.85	121.1	30.90	117.3	30.06	113.5	29.15	105.4	27.59
	3.0	2.2	136.6	30.67	128.5	29.55	121.1	28.71	117.3	27.85	113.5	27.01	105.4	25.54
	5.0	4.1	136.6	29.00	128.5	28.01	121.1	27.23	117.3	26.37	113.5	25.58	105.4	24.15
	7.0	6	136.6	27.32	128.5	26.49	121.1	25.77	117.3	24.90	113.5	24.15	105.4	22.78
	9.0	7.9	136.6	25.77	128.5	24.98	121.1	24.32	117.3	23.49	113.5	22.79	105.4	21.48
	11.0	9.8	136.6	24.22	128.5	23.49	121.1	22.84	117.3	22.07	113.5	21.41	105.4	20.19
	13.0	11.8	136.6	22.67	128.5	21.97	121.1	21.38	117.3	20.65	113.5	20.05	105.4	18.90
	15.0	13.7	136.6	21.12	128.5	20.46	121.1	19.93	117.3	19.23	113.5	18.67	105.4	17.61
80	-24.8	-25	82.9	35.57	82.9	36.66	82.5	37.42	82.5	37.78	82.5	39.60	81.6	37.78
	-21.8	-22	97.9	36.66	97.9	37.75	97.9	38.51	97.9	39.60	97.9	37.78	94.2	36.05
	-19.8	-20	102.0	37.39	102.0	38.46	102.0	39.60	102.0	38.30	100.8	36.57	94.2	34.90
	-18.8	-19	104.3	37.75	104.3	39.60	104.3	38.93	103.8	37.66	101.2	35.96	94.2	34.32
	-16.7	-17	108.2	39.60	108.2	38.21	108.2	37.56	105.0	36.32	101.2	34.69	94.2	33.11
	-13.7	-15	113.1	37.54	111.0	36.24	108.2	35.58	105.0	34.37	101.2	32.87	94.2	31.38
	-11.8	-13	116.5	36.22	113.0	34.98	108.2	34.32	105.0	33.14	101.2	31.72	94.2	30.27
	-9.8	-11	119.6	34.84	114.5	33.66	108.2	33.00	105.0	31.86	101.2	30.51	94.2	29.12
	-9.5	-10	120.3	34.64	115.0	33.46	108.2	32.80	105.0	31.67	101.2	30.32	94.2	28.94
	-8.5	-9.1	121.5	33.96	115.4	32.81	108.2	32.15	105.0	31.02	101.2	29.71	94.2	28.37
	-7.0	-7.6	122.4	32.92	115.4	31.82	108.2	31.15	105.0	30.05	101.2	28.82	94.2	27.50
	-5.0	-5.6	122.4	31.54	115.4	30.51	108.2	29.85	105.0	28.75	101.2	27.59	94.2	26.35
	-3.0	-3.7	122.4	30.16	115.4	29.19	108.2	28.52	105.0	27.48	101.2	26.39	94.2	25.18
	0.0	-0.7	122.4	28.09	115.4	27.22	108.2	26.55	105.0	25.53	101.2	24.56	94.2	23.45
	3.0	2.2	122.4	26.03	115.4	25.23	108.2	24.57	105.0	23.59	101.2	22.74	94.2	21.72
	5.0	4.1	122.4	24.65	115.4	23.92	108.2	23.25	105.0	22.31	101.2	21.54	94.2	20.57
	7.0	6	122.4	23.28	115.4	22.60	108.2	21.94	105.0	21.02	101.2	20.33	94.2	19.40
	9.0	7.9	122.4	21.85	115.4	21.22	108.2	20.60	105.0	19.74	101.2	19.09	94.2	18.23
	11.0	9.8	122.4	20.29	115.4	19.70	108.2	19.12	105.0	18.32	101.2	17.71	94.2	16.92
	13.0	11.8	122.4	18.94	115.4	18.39	108.2	17.85	105.0	17.09	101.2	16.54	94.2	15.78
	15.0	13.7	122.4	17.82	115.4	17.30	108.2	16.79	105.0	16.09	101.2	15.57	94.2	14.86

7. Capacity Tables

Heating Capacity (42HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	82.9	36.19	82.9	36.54	82.5	37.28	82.5	38.37	82.5	36.45	80.5	34.64
	-21.8	-22	92.8	37.28	92.8	37.63	92.1	38.37	89.0	36.45	86.4	34.64	80.5	32.91
	-19.8	-20	99.2	38.01	98.0	38.37	92.1	37.01	89.0	35.16	86.4	33.44	80.5	31.78
	-18.8	-19	102.0	38.37	98.0	37.65	92.1	36.32	89.0	34.51	86.4	32.85	80.5	31.19
	-16.7	-17	103.7	36.89	98.0	36.17	92.1	34.90	89.0	33.17	86.4	31.59	80.5	29.99
	-13.7	-15	103.7	34.79	98.0	34.06	92.1	32.86	89.0	31.23	86.4	29.80	80.5	28.27
	-11.8	-13	103.7	33.44	98.0	32.71	92.1	31.57	89.0	30.01	86.4	28.65	80.5	27.17
	-9.8	-11	103.7	32.06	98.0	31.32	92.1	30.22	89.0	28.73	86.4	27.46	80.5	26.02
	-9.5	-10	103.7	31.83	98.0	31.09	92.1	30.02	89.0	28.55	86.4	27.29	80.5	25.85
	-8.5	-9.1	103.7	31.14	98.0	30.40	92.1	29.33	89.0	27.90	86.4	26.69	80.5	25.28
	-7.0	-7.6	103.7	30.09	98.0	29.34	92.1	28.31	89.0	26.94	86.4	25.80	80.5	24.42
	-5.0	-5.6	103.7	28.68	98.0	27.93	92.1	26.96	89.0	25.65	86.4	24.58	80.5	23.26
	-3.0	-3.7	103.7	27.29	98.0	26.51	92.1	25.60	89.0	24.36	86.4	23.39	80.5	22.11
	0.0	-0.7	103.7	25.18	98.0	24.40	92.1	23.56	89.0	22.44	86.4	21.60	80.5	20.38
	3.0	2.2	103.7	23.08	98.0	22.27	92.1	21.52	89.0	20.52	86.4	19.81	80.5	18.66
	5.0	4.1	103.7	21.67	98.0	20.86	92.1	20.16	89.0	19.24	86.4	18.60	80.5	17.52
	7.0	6	103.7	20.26	98.0	19.46	92.1	18.81	89.0	17.95	86.4	17.40	80.5	16.37
	9.0	7.9	103.7	18.30	98.0	17.57	92.1	16.98	89.0	16.20	86.4	15.72	80.5	14.78
	11.0	9.8	103.7	17.05	98.0	16.36	92.1	15.81	89.0	15.09	86.4	14.64	80.5	13.75
	13.0	11.8	103.7	15.95	98.0	15.30	92.1	14.79	89.0	14.12	86.4	13.69	80.5	12.88
	15.0	13.7	103.7	15.03	98.0	14.43	92.1	13.95	89.0	13.31	86.4	12.92	80.5	12.13
60	-24.8	-25	79.5	35.45	79.5	36.19	79.1	37.28	76.3	35.28	73.8	33.40	69.0	31.65
	-21.8	-22	85.1	36.54	84.3	37.28	79.1	35.28	76.3	33.40	73.8	31.65	69.0	29.96
	-19.8	-20	89.0	37.28	84.3	35.86	79.1	33.94	76.3	32.15	73.8	30.47	69.0	28.84
	-18.8	-19	89.0	36.57	84.3	35.15	79.1	33.27	76.3	31.52	73.8	29.89	69.0	28.27
	-16.7	-17	89.0	35.05	84.3	33.65	79.1	31.88	76.3	30.23	73.8	28.67	69.0	27.09
	-13.7	-15	89.0	32.88	84.3	31.52	79.1	29.87	76.3	28.35	73.8	26.92	69.0	25.40
	-11.8	-13	89.0	31.52	84.3	30.18	79.1	28.59	76.3	27.16	73.8	25.81	69.0	24.35
	-9.8	-11	89.0	30.08	84.3	28.76	79.1	27.27	76.3	25.92	73.8	24.63	69.0	23.21
	-9.5	-10	89.0	29.85	84.3	28.56	79.1	27.07	76.3	25.72	73.8	24.46	69.0	23.04
	-8.5	-9.1	89.0	29.14	84.3	27.85	79.1	26.40	76.3	25.11	73.8	23.86	69.0	22.49
	-7.0	-7.6	89.0	28.06	84.3	26.78	79.1	25.39	76.3	24.17	73.8	22.98	69.0	21.65
	-5.0	-5.6	89.0	26.62	84.3	25.36	79.1	24.07	76.3	22.92	73.8	21.83	69.0	20.51
	-3.0	-3.7	89.0	25.18	84.3	23.94	79.1	22.73	76.3	21.67	73.8	20.65	69.0	19.39
	0.0	-0.7	89.0	23.02	84.3	21.80	79.1	20.73	76.3	19.79	73.8	18.90	69.0	17.70
	3.0	2.2	89.0	20.87	84.3	19.68	79.1	18.72	76.3	17.93	73.8	17.14	69.0	16.01
	5.0	4.1	89.0	19.43	84.3	18.26	79.1	17.40	76.3	16.68	73.8	15.97	69.0	14.89
	7.0	6	89.0	17.98	84.3	16.85	79.1	16.06	76.3	15.43	73.8	14.81	69.0	13.75
	9.0	7.9	89.0	16.05	84.3	15.02	79.1	14.33	76.3	13.78	73.8	13.20	69.0	12.27
	11.0	9.8	89.0	14.98	84.3	14.03	79.1	13.37	76.3	12.85	73.8	12.33	69.0	11.47
	13.0	11.8	89.0	14.03	84.3	13.13	79.1	12.54	76.3	12.05	73.8	11.55	69.0	10.75
	15.0	13.7	89.0	13.26	84.3	12.43	79.1	11.85	76.3	11.37	73.8	10.92	69.0	10.16
50	-24.8	-25	74.2	31.78	70.0	32.87	65.8	31.06	63.7	29.35	61.6	27.76	57.4	26.28
	-21.8	-22	74.2	32.87	70.0	31.06	65.8	29.35	63.7	27.76	61.6	26.28	57.4	24.86
	-19.8	-20	74.2	31.59	70.0	29.84	65.8	28.23	63.7	26.68	61.6	25.29	57.4	23.90
	-18.8	-19	74.2	30.96	70.0	29.22	65.8	27.67	63.7	26.16	61.6	24.80	57.4	23.44
	-16.7	-17	74.2	29.62	70.0	27.97	65.8	26.48	63.7	25.04	61.6	23.75	57.4	22.44
	-13.7	-15	74.2	27.71	70.0	26.13	65.8	24.78	63.7	23.45	61.6	22.26	57.4	21.02
	-11.8	-13	74.2	26.50	70.0	24.98	65.8	23.69	63.7	22.43	61.6	21.33	57.4	20.13
	-9.8	-11	74.2	25.22	70.0	23.77	65.8	22.57	63.7	21.37	61.6	20.34	57.4	19.17
	-9.5	-10	74.2	25.03	70.0	23.60	65.8	22.40	63.7	21.21	61.6	20.20	57.4	19.04
	-8.5	-9.1	74.2	24.38	70.0	22.98	65.8	21.84	63.7	20.68	61.6	19.71	57.4	18.57
	-7.0	-7.6	74.2	23.43	70.0	22.08	65.8	20.99	63.7	19.88	61.6	18.96	57.4	17.85
	-5.0	-5.6	74.2	22.15	70.0	20.87	65.8	19.87	63.7	18.81	61.6	17.97	57.4	16.92
	-3.0	-3.7	74.2	20.87	70.0	19.65	65.8	18.72	63.7	17.75	61.6	16.98	57.4	15.96
	0.0	-0.7	74.2	18.97	70.0	17.82	65.8	17.04	63.7	16.16	61.6	15.49	57.4	14.54
	3.0	2.2	74.2	17.06	70.0	16.01	65.8	15.33	63.7	14.55	61.6	14.01	57.4	13.12
	5.0	4.1	74.2	15.78	70.0	14.79	65.8	14.21	63.7	13.49	61.6	13.02	57.4	12.19
	7.0	6	74.2	14.50	70.0	13.58	65.8	13.09	63.7	12.43	61.6	12.03	57.4	11.23
	9.0	7.9	74.2	13.09	70.0	12.26	65.8	11.82	63.7	11.23	61.6	10.88	57.4	10.14
	11.0	9.8	74.2	12.26	70.0	11.47	65.8	11.06	63.7	10.50	61.6	10.17	57.4	9.48
	13.0	11.8	74.2	11.51	70.0	10.78	65.8	10.37	63.7	9.86	61.6	9.55	57.4	8.92
	15.0	13.7	74.2	10.89	70.0	10.20	65.8	9.82	63.7	9.33	61.6	9.03	57.4	8.44

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM440LTE5

Heating Capacity (44HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	87.3	44.08	87.3	44.57	86.8	45.01	86.8	45.66	86.8	46.31	85.9	47.30
	-21.8	-22	104.8	45.08	104.8	45.57	104.1	46.01	104.1	46.66	104.1	47.30	103.0	48.28
	-19.8	-20	109.9	45.73	109.9	46.24	109.1	46.66	109.1	47.33	109.1	47.95	108.0	48.95
	-18.8	-19	112.3	46.07	112.3	46.56	111.6	47.00	111.6	47.65	111.6	48.28	110.4	49.27
	-16.7	-17	117.6	46.77	117.6	47.26	116.9	47.70	116.9	48.35	116.9	48.97	115.5	49.97
	-13.7	-15	125.1	47.77	125.1	48.25	124.4	48.69	124.4	49.34	124.4	49.97	122.9	47.87
	-11.8	-13	129.2	48.39	129.2	48.88	128.4	49.32	128.4	49.97	128.4	48.55	127.5	46.54
	-9.8	-11	133.5	49.04	133.5	49.55	132.6	49.97	132.6	48.44	132.6	47.05	131.8	45.15
	-9.5	-10	134.3	49.16	134.3	49.64	133.5	49.74	133.5	48.20	133.3	46.82	132.5	44.93
	-8.5	-9.1	137.3	49.48	137.3	49.97	136.5	48.93	136.5	47.43	135.4	46.06	134.8	44.22
	-7.0	-7.6	141.9	49.97	141.9	48.77	140.9	47.74	140.9	46.26	140.9	44.94	139.4	43.18
	-5.0	-5.6	147.8	48.39	147.8	47.19	146.8	46.13	146.8	44.72	146.8	43.44	144.1	41.77
	-3.0	-3.7	153.8	46.80	153.8	45.59	152.8	44.53	152.8	43.17	152.8	41.93	149.0	40.37
	0.0	-0.7	162.5	44.42	162.5	43.20	161.7	42.12	161.7	40.86	161.7	39.67	155.8	38.27
	3.0	2.2	171.5	42.04	171.5	40.80	170.4	39.72	170.4	38.54	167.4	37.40	156.5	36.17
	5.0	4.1	176.5	40.45	176.5	39.20	175.6	38.12	173.2	37.00	168.0	35.89	156.5	34.76
	7.0	6	178.8	38.85	178.8	37.60	177.9	36.51	174.2	35.45	168.0	34.39	156.5	33.37
	9.0	7.9	179.2	37.53	179.2	36.32	178.6	35.26	174.2	34.23	168.0	33.22	156.5	32.23
	11.0	9.8	179.2	36.52	179.2	35.33	178.6	34.32	174.2	33.31	168.0	32.32	156.5	31.35
	13.0	11.8	179.2	35.43	179.2	34.30	178.6	33.29	174.2	32.32	168.0	31.37	156.5	30.43
	15.0	13.7	179.2	34.29	179.2	33.18	178.6	32.20	174.2	31.28	168.0	30.34	156.5	29.43
120	-24.8	-25	86.8	44.57	86.8	45.01	86.1	45.66	86.1	46.31	86.1	47.30	85.2	48.00
	-21.8	-22	104.1	45.57	104.1	46.01	103.4	46.66	103.4	47.30	103.4	48.28	102.3	48.97
	-19.8	-20	109.1	46.24	109.1	46.66	108.4	47.33	108.4	47.95	108.4	48.95	107.2	49.64
	-18.8	-19	111.6	46.56	111.6	47.00	110.9	47.65	110.9	48.28	110.9	49.27	109.7	49.97
	-16.7	-17	116.9	47.26	116.9	47.70	116.1	48.35	116.1	48.97	116.1	49.97	114.7	48.63
	-13.7	-15	124.1	48.25	124.1	48.69	123.4	49.34	123.4	49.97	123.4	47.94	122.1	46.70
	-11.8	-13	128.2	48.88	128.2	49.32	127.4	49.97	127.4	48.53	127.4	46.66	126.5	45.47
	-9.8	-11	132.5	49.55	132.5	49.97	131.7	48.38	131.7	47.02	131.7	45.31	131.0	44.18
	-9.5	-10	133.5	49.64	133.5	49.72	132.7	48.15	132.7	46.79	132.7	45.11	131.9	43.99
	-8.5	-9.1	136.4	49.97	136.4	48.86	135.5	47.33	135.5	46.03	135.5	44.44	134.6	43.34
	-7.0	-7.6	140.8	48.69	140.8	47.59	140.0	46.15	140.0	44.90	139.6	43.42	138.3	42.37
	-5.0	-5.6	146.8	46.97	146.8	45.89	145.7	44.55	145.7	43.37	145.7	42.07	143.3	41.08
	-3.0	-3.7	152.7	45.25	152.7	44.19	151.7	42.94	151.7	41.86	151.7	40.72	147.0	39.79
	0.0	-0.7	161.4	42.67	161.4	41.63	160.4	40.55	160.4	39.59	158.0	38.69	147.0	37.86
	3.0	2.2	170.4	40.08	170.4	39.07	167.5	38.16	163.2	37.32	158.1	36.67	147.0	35.94
	5.0	4.1	175.1	38.37	174.1	37.37	169.0	36.55	163.2	35.81	158.1	35.32	147.0	34.65
	7.0	6	177.5	36.65	175.9	35.66	169.0	34.95	163.2	34.28	158.1	33.97	147.0	33.36
	9.0	7.9	177.8	35.32	175.9	34.36	169.0	33.70	163.2	33.05	158.1	32.74	147.0	32.15
	11.0	9.8	177.8	34.31	175.9	33.36	169.0	32.70	163.2	32.08	158.1	31.78	147.0	31.23
	13.0	11.8	177.8	33.21	175.9	32.30	169.0	31.67	163.2	31.07	158.1	30.77	147.0	30.22
	15.0	13.7	177.8	32.04	175.9	31.17	169.0	30.57	163.2	29.98	158.1	29.70	147.0	29.16
110	-24.8	-25	86.2	45.01	86.2	45.66	85.7	46.31	85.7	47.30	85.7	48.00	84.8	48.32
	-21.8	-22	103.6	46.01	103.6	46.66	102.9	47.30	102.9	48.28	102.9	48.97	101.8	49.32
	-19.8	-20	108.4	46.66	108.4	47.33	107.9	47.95	107.9	48.95	107.9	49.64	106.5	49.97
	-18.8	-19	110.9	47.00	110.9	47.65	110.2	48.28	110.2	49.27	110.2	49.97	109.0	49.27
	-16.7	-17	116.2	47.70	116.2	48.35	115.4	48.97	115.4	49.97	115.4	48.53	114.0	47.80
	-13.7	-15	123.6	48.69	123.6	49.34	122.6	49.97	122.6	47.78	122.6	46.45	122.6	45.69
	-11.8	-13	127.6	49.32	127.6	49.97	126.7	48.41	126.7	46.39	126.7	45.14	126.7	44.37
	-9.8	-11	131.8	49.97	131.8	48.22	131.0	46.78	131.0	44.92	131.0	43.77	130.6	42.96
	-9.5	-10	132.7	49.68	132.7	47.93	132.0	46.53	132.0	44.70	132.0	43.57	131.7	42.74
	-8.5	-9.1	135.7	48.74	135.7	47.06	134.7	45.72	134.7	43.95	134.7	42.86	132.3	42.05
	-7.0	-7.6	140.1	47.29	140.1	45.73	139.3	44.48	139.3	42.85	139.3	41.84	132.3	41.00
	-5.0	-5.6	146.0	45.37	146.0	43.96	145.0	42.84	145.0	41.39	141.6	40.45	132.3	39.59
	-3.0	-3.7	151.7	43.47	151.7	42.21	150.5	41.19	146.6	39.92	141.6	39.07	132.3	38.20
	0.0	-0.7	160.6	40.58	159.8	39.56	151.5	38.73	146.6	37.71	141.6	37.01	132.3	36.09
	3.0	2.2	168.5	37.71	161.4	36.89	151.5	36.26	146.6	35.53	141.6	34.93	132.3	33.99
	5.0	4.1	170.9	35.79	161.4	35.14	151.5	34.64	146.6	34.06	141.6	33.56	132.3	32.58
	7.0	6	170.9	33.86	161.4	33.36	151.5	32.99	146.6	32.58	141.6	32.16	132.3	31.17
	9.0	7.9	170.9	32.51	161.4	32.02	151.5	31.67	146.6	31.29	141.6	30.87	132.3	29.92
	11.0	9.8	170.9	31.41	161.4	30.95	151.5	30.60	146.6	30.22	141.6	29.83	132.3	28.91
	13.0	11.8	170.9	30.25	161.4	29.81	151.5	29.47	146.6	29.11	141.6	28.73	132.3	27.86
	15.0	13.7	170.9	29.04	161.4	28.60	151.5	28.27	146.6	27.94	141.6	27.58	132.3	26.72

7. Capacity Tables

Heating Capacity (44HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	85.8	50.03	85.8	50.02	85.4	47.21	85.4	50.00	85.4	50.00	84.4	49.99
	-21.8	-22	103.0	50.03	103.0	50.01	102.5	48.70	102.5	50.00	102.5	50.69	101.2	49.99
	-19.8	-20	108.0	50.01	108.0	49.99	107.3	49.65	107.3	49.98	107.3	50.21	106.1	49.97
	-18.8	-19	110.5	50.00	109.8	50.01	109.8	50.00	109.8	49.97	109.8	49.97	108.6	49.13
	-16.7	-17	115.0	50.00	115.0	50.00	115.0	50.69	114.3	49.97	114.3	48.23	112.9	47.38
	-13.7	-15	122.9	49.99	122.9	49.98	122.2	49.97	122.2	47.44	122.2	45.75	120.9	44.86
	-11.8	-13	126.9	49.99	126.2	49.97	126.2	48.26	126.2	45.82	126.2	44.16	120.9	43.25
	-9.8	-11	131.1	49.97	131.1	48.04	130.6	46.45	130.6	44.13	129.8	42.51	120.9	41.57
	-9.5	-10	132.0	49.67	132.0	47.74	131.3	46.16	131.3	43.87	129.8	42.26	120.9	41.33
	-8.5	-9.1	135.0	48.64	135.0	46.79	134.3	45.27	134.2	43.01	129.8	41.42	120.9	40.49
	-7.0	-7.6	141.6	47.11	141.1	45.32	138.6	43.89	134.2	41.74	129.8	40.18	120.9	39.22
	-5.0	-5.6	147.8	45.06	146.3	43.39	138.6	42.08	134.2	40.05	129.8	38.52	120.9	37.55
	-3.0	-3.7	152.1	43.02	147.4	41.46	138.6	40.28	134.2	38.34	129.8	36.87	120.9	35.87
	0.0	-0.7	156.3	39.96	147.4	38.55	138.6	37.55	134.2	35.81	129.8	34.37	120.9	33.35
	3.0	2.2	156.3	36.88	147.4	35.64	138.6	34.83	134.2	33.26	129.8	31.90	120.9	30.83
	5.0	4.1	156.3	34.84	147.4	33.70	138.6	33.02	134.2	31.55	129.8	30.23	120.9	29.15
	7.0	6	156.3	32.79	147.4	31.77	138.6	31.21	134.2	29.85	129.8	28.57	120.9	27.47
	9.0	7.9	156.3	31.23	147.4	30.25	138.6	29.72	134.2	28.44	129.8	27.22	120.9	26.16
	11.0	9.8	156.3	29.92	147.4	28.98	138.6	28.48	134.2	27.24	129.8	26.07	120.9	25.07
	13.0	11.8	156.3	28.54	147.4	27.64	138.6	27.16	134.2	25.98	129.8	24.87	120.9	23.90
	15.0	13.7	156.3	27.09	147.4	26.22	138.6	25.77	134.2	24.66	129.8	23.60	120.9	22.69
90	-24.8	-25	85.5	44.38	85.5	45.37	85.0	46.07	85.0	46.39	85.0	47.07	84.1	48.06
	-21.8	-22	102.6	45.37	102.6	46.37	102.1	47.07	102.1	47.39	102.1	48.06	100.8	45.87
	-19.8	-20	107.6	46.05	107.6	47.02	106.9	47.72	106.9	48.06	106.9	46.56	105.8	44.43
	-18.8	-19	110.5	46.37	109.8	47.37	109.4	48.06	109.4	47.28	109.4	45.81	108.2	43.70
	-16.7	-17	115.0	47.07	115.0	48.06	114.4	46.44	114.4	45.65	114.4	44.24	110.4	42.18
	-13.7	-15	122.9	48.06	122.9	45.64	121.8	44.14	121.8	43.34	118.9	41.99	110.4	40.00
	-11.8	-13	126.9	46.39	126.2	44.12	125.8	42.68	122.9	41.87	118.9	40.56	110.4	38.62
	-9.8	-11	131.1	44.65	131.1	42.53	126.8	41.16	122.9	40.31	118.9	39.08	110.4	37.17
	-9.5	-10	132.0	44.38	132.0	42.27	126.8	40.92	122.9	40.07	118.9	38.85	110.4	36.96
	-8.5	-9.1	135.0	43.51	133.9	41.49	126.8	40.15	122.9	39.30	118.9	38.10	110.4	36.22
	-7.0	-7.6	141.6	42.20	134.6	40.28	126.8	39.00	122.9	38.14	118.9	36.97	110.4	35.14
	-5.0	-5.6	143.1	40.45	134.6	38.67	126.8	37.47	122.9	36.60	118.9	35.47	110.4	33.70
	-3.0	-3.7	143.1	38.71	134.6	37.07	126.8	35.94	122.9	35.04	118.9	33.97	110.4	32.23
	0.0	-0.7	143.1	36.09	134.6	34.65	126.8	33.64	122.9	32.72	118.9	31.74	110.4	30.06
	3.0	2.2	143.1	33.46	134.6	32.26	126.8	31.34	122.9	30.41	118.9	29.49	110.4	27.89
	5.0	4.1	143.1	31.71	134.6	30.64	126.8	29.79	122.9	28.85	118.9	27.99	110.4	26.42
	7.0	6	143.1	29.97	134.6	29.05	126.8	28.26	122.9	27.31	118.9	26.49	110.4	24.98
	9.0	7.9	143.1	28.34	134.6	27.47	126.8	26.74	122.9	25.82	118.9	25.06	110.4	23.62
	11.0	9.8	143.1	26.71	134.6	25.90	126.8	25.19	122.9	24.34	118.9	23.61	110.4	22.27
	13.0	11.8	143.1	25.09	134.6	24.32	126.8	23.66	122.9	22.85	118.9	22.18	110.4	20.91
	15.0	13.7	143.1	23.46	134.6	22.73	126.8	22.13	122.9	21.36	118.9	20.73	110.4	19.56
80	-24.8	-25	85.1	38.93	85.1	39.93	84.7	40.63	84.7	40.95	84.7	42.62	83.7	40.70
	-21.8	-22	101.5	39.93	101.5	40.93	101.5	41.62	101.5	42.62	101.5	40.70	98.7	38.87
	-19.8	-20	106.5	40.60	106.5	41.58	106.5	42.62	106.5	41.25	105.6	39.42	98.7	37.65
	-18.8	-19	109.0	40.93	109.0	42.62	109.0	41.91	108.8	40.57	106.0	38.78	98.7	37.04
	-16.7	-17	113.4	42.62	113.4	41.16	113.4	40.47	110.0	39.16	106.0	37.44	98.7	35.76
	-13.7	-15	118.5	40.46	116.3	39.09	113.4	38.39	110.0	37.11	106.0	35.52	98.7	33.93
	-11.8	-13	121.7	39.08	118.1	37.77	113.4	37.07	110.0	35.82	106.0	34.31	98.7	32.76
	-9.8	-11	125.0	37.63	119.8	36.39	113.4	35.68	110.0	34.47	106.0	33.04	98.7	31.55
	-9.5	-10	125.8	37.42	120.3	36.18	113.4	35.47	110.0	34.27	106.0	32.84	98.7	31.35
	-8.5	-9.1	127.1	36.71	120.9	35.50	113.4	34.79	110.0	33.58	106.0	32.19	98.7	30.76
	-7.0	-7.6	128.3	35.63	120.9	34.45	113.4	33.74	110.0	32.56	106.0	31.25	98.7	29.83
	-5.0	-5.6	128.3	34.18	120.9	33.09	113.4	32.37	110.0	31.20	106.0	29.95	98.7	28.62
	-3.0	-3.7	128.3	32.73	120.9	31.70	113.4	30.98	110.0	29.85	106.0	28.68	98.7	27.38
	0.0	-0.7	128.3	30.57	120.9	29.63	113.4	28.90	110.0	27.81	106.0	26.76	98.7	25.55
	3.0	2.2	128.3	28.41	120.9	27.54	113.4	26.82	110.0	25.76	106.0	24.84	98.7	23.73
	5.0	4.1	128.3	26.96	120.9	26.17	113.4	25.43	110.0	24.41	106.0	23.57	98.7	22.51
	7.0	6	128.3	25.53	120.9	24.78	113.4	24.06	110.0	23.05	106.0	22.29	98.7	21.28
	9.0	7.9	128.3	23.96	120.9	23.27	113.4	22.59	110.0	21.65	106.0	20.93	98.7	19.99
	11.0	9.8	128.3	22.25	120.9	21.61	113.4	20.97	110.0	20.09	106.0	19.42	98.7	18.55
	13.0	11.8	128.3	20.77	120.9	20.17	113.4	19.57	110.0	18.75	106.0	18.14	98.7	17.31
	15.0	13.7	128.3	19.54	120.9	18.97	113.4	18.41	110.0	17.65	106.0	17.08	98.7	16.29

7. Capacity Tables

Heating Capacity (44HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	85.1	39.32	85.1	39.65	84.7	40.32	84.7	41.31	84.7	39.28	83.5	37.36
	-21.8	-22	97.2	40.32	97.2	40.64	96.5	41.31	93.2	39.28	90.5	37.36	84.4	35.53
	-19.8	-20	105.2	40.99	102.7	41.31	96.5	39.88	93.2	37.92	90.5	36.10	84.4	34.32
	-18.8	-19	108.2	41.31	102.7	40.56	96.5	39.15	93.2	37.22	90.5	35.46	84.4	33.70
	-16.7	-17	108.6	39.76	102.7	38.99	96.5	37.65	93.2	35.81	90.5	34.13	84.4	32.42
	-13.7	-15	108.6	37.54	102.7	36.76	96.5	35.49	93.2	33.76	90.5	32.23	84.4	30.59
	-11.8	-13	108.6	36.12	102.7	35.34	96.5	34.13	93.2	32.46	90.5	31.01	84.4	29.43
	-9.8	-11	108.6	34.66	102.7	33.86	96.5	32.69	93.2	31.10	90.5	29.75	84.4	28.20
	-9.5	-10	108.6	34.42	102.7	33.63	96.5	32.48	93.2	30.91	90.5	29.57	84.4	28.02
	-8.5	-9.1	108.6	33.69	102.7	32.89	96.5	31.76	93.2	30.22	90.5	28.93	84.4	27.42
	-7.0	-7.6	108.6	32.58	102.7	31.78	96.5	30.68	93.2	29.21	90.5	27.98	84.4	26.50
	-5.0	-5.6	108.6	31.10	102.7	30.28	96.5	29.24	93.2	27.84	90.5	26.70	84.4	25.28
	-3.0	-3.7	108.6	29.63	102.7	28.79	96.5	27.81	93.2	26.48	90.5	25.43	84.4	24.05
	0.0	-0.7	108.6	27.41	102.7	26.56	96.5	25.65	93.2	24.45	90.5	23.53	84.4	22.22
	3.0	2.2	108.6	25.19	102.7	24.31	96.5	23.49	93.2	22.41	90.5	21.64	84.4	20.38
	5.0	4.1	108.6	23.71	102.7	22.81	96.5	22.06	93.2	21.05	90.5	20.35	84.4	19.18
	7.0	6	108.6	22.22	102.7	21.34	96.5	20.62	93.2	19.69	90.5	19.09	84.4	17.95
	9.0	7.9	108.6	20.07	102.7	19.27	96.5	18.62	93.2	17.77	90.5	17.23	84.4	16.21
	11.0	9.8	108.6	18.70	102.7	17.94	96.5	17.34	93.2	16.55	90.5	16.06	84.4	15.08
	13.0	11.8	108.6	17.49	102.7	16.78	96.5	16.21	93.2	15.49	90.5	15.01	84.4	14.13
	15.0	13.7	108.6	16.48	102.7	15.83	96.5	15.30	93.2	14.59	90.5	14.16	84.4	13.31
60	-24.8	-25	83.3	38.58	83.3	39.25	82.8	40.25	80.0	38.12	77.3	36.11	72.3	34.24
	-21.8	-22	89.2	39.58	88.3	40.25	82.8	38.12	80.0	36.11	77.3	34.24	72.3	32.43
	-19.8	-20	93.2	40.25	88.3	38.74	82.8	36.69	80.0	34.78	77.3	32.98	72.3	31.23
	-18.8	-19	93.2	39.49	88.3	37.99	82.8	35.98	80.0	34.11	77.3	32.36	72.3	30.62
	-16.7	-17	93.2	37.88	88.3	36.38	82.8	34.49	80.0	32.72	77.3	31.06	72.3	29.36
	-13.7	-15	93.2	35.57	88.3	34.12	82.8	32.34	80.0	30.72	77.3	29.18	72.3	27.55
	-11.8	-13	93.2	34.13	88.3	32.68	82.8	30.98	80.0	29.45	77.3	27.99	72.3	26.42
	-9.8	-11	93.2	32.59	88.3	31.17	82.8	29.57	80.0	28.12	77.3	26.74	72.3	25.20
	-9.5	-10	93.2	32.35	88.3	30.95	82.8	29.36	80.0	27.91	77.3	26.55	72.3	25.02
	-8.5	-9.1	93.2	31.59	88.3	30.20	82.8	28.64	80.0	27.26	77.3	25.92	72.3	24.43
	-7.0	-7.6	93.2	30.45	88.3	29.06	82.8	27.57	80.0	26.25	77.3	24.98	72.3	23.53
	-5.0	-5.6	93.2	28.91	88.3	27.55	82.8	26.16	80.0	24.92	77.3	23.74	72.3	22.31
	-3.0	-3.7	93.2	27.38	88.3	26.04	82.8	24.73	80.0	23.59	77.3	22.48	72.3	21.11
	0.0	-0.7	93.2	25.08	88.3	23.75	82.8	22.60	80.0	21.58	77.3	20.61	72.3	19.31
	3.0	2.2	93.2	22.79	88.3	21.49	82.8	20.45	80.0	19.59	77.3	18.73	72.3	17.50
	5.0	4.1	93.2	21.26	88.3	19.98	82.8	19.04	80.0	18.26	77.3	17.48	72.3	16.30
	7.0	6	93.2	19.72	88.3	18.47	82.8	17.61	80.0	16.92	77.3	16.24	72.3	15.08
	9.0	7.9	93.2	17.60	88.3	16.48	82.8	15.71	80.0	15.11	77.3	14.48	72.3	13.46
	11.0	9.8	93.2	16.43	88.3	15.38	82.8	14.66	80.0	14.10	77.3	13.53	72.3	12.58
	13.0	11.8	93.2	15.38	88.3	14.40	82.8	13.75	80.0	13.22	77.3	12.66	72.3	11.78
	15.0	13.7	93.2	14.54	88.3	13.63	82.8	12.99	80.0	12.47	77.3	11.98	72.3	11.14
50	-24.8	-25	77.8	34.38	73.4	35.37	69.0	33.45	66.8	31.64	64.5	29.95	60.1	28.37
	-21.8	-22	77.8	35.37	73.4	33.45	69.0	31.64	66.8	29.95	64.5	28.37	60.1	26.85
	-19.8	-20	77.8	34.02	73.4	32.16	69.0	30.44	66.8	28.80	64.5	27.31	60.1	25.83
	-18.8	-19	77.8	33.35	73.4	31.50	69.0	29.85	66.8	28.24	64.5	26.79	60.1	25.34
	-16.7	-17	77.8	31.93	73.4	30.17	69.0	28.59	66.8	27.04	64.5	25.67	60.1	24.28
	-13.7	-15	77.8	29.91	73.4	28.22	69.0	26.77	66.8	25.35	64.5	24.09	60.1	22.76
	-11.8	-13	77.8	28.62	73.4	27.00	69.0	25.63	66.8	24.27	64.5	23.10	60.1	21.81
	-9.8	-11	77.8	27.27	73.4	25.71	69.0	24.43	66.8	23.14	64.5	22.04	60.1	20.79
	-9.5	-10	77.8	27.06	73.4	25.53	69.0	24.25	66.8	22.97	64.5	21.90	60.1	20.64
	-8.5	-9.1	77.8	26.38	73.4	24.87	69.0	23.66	66.8	22.41	64.5	21.37	60.1	20.14
	-7.0	-7.6	77.8	25.36	73.4	23.92	69.0	22.75	66.8	21.56	64.5	20.57	60.1	19.38
	-5.0	-5.6	77.8	24.01	73.4	22.63	69.0	21.56	66.8	20.42	64.5	19.52	60.1	18.38
	-3.0	-3.7	77.8	22.66	73.4	21.34	69.0	20.34	66.8	19.29	64.5	18.46	60.1	17.36
	0.0	-0.7	77.8	20.64	73.4	19.39	69.0	18.55	66.8	17.60	64.5	16.88	60.1	15.85
	3.0	2.2	77.8	18.61	73.4	17.47	69.0	16.74	66.8	15.89	64.5	15.30	60.1	14.33
	5.0	4.1	77.8	17.26	73.4	16.18	69.0	15.55	66.8	14.76	64.5	14.25	60.1	13.33
	7.0	6	77.8	15.91	73.4	14.89	69.0	14.35	66.8	13.63	64.5	13.19	60.1	12.32
	9.0	7.9	77.8	14.36	73.4	13.45	69.0	12.96	66.8	12.31	64.5	11.93	60.1	11.12
	11.0	9.8	77.8	13.45	73.4	12.58	69.0	12.12	66.8	11.52	64.5	11.15	60.1	10.40
	13.0	11.8	77.8	12.62	73.4	11.82	69.0	11.38	66.8	10.81	64.5	10.47	60.1	9.78
	15.0	13.7	77.8	11.94	73.4	11.18	69.0	10.77	66.8	10.23	64.5	9.91	60.1	9.25

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM460LTE5

Heating Capacity (46HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	90.7	45.72	90.7	46.13	90.2	46.50	90.2	47.05	90.2	47.59	88.8	48.42
	-21.8	-22	109.7	46.56	109.7	46.97	108.9	47.34	108.9	47.89	108.9	48.42	107.3	49.25
	-19.8	-20	115.4	47.11	115.4	47.53	114.6	47.89	114.6	48.45	114.6	48.97	112.9	49.81
	-18.8	-19	117.9	47.39	117.9	47.80	117.2	48.17	117.2	48.72	117.2	49.25	115.4	50.08
	-16.7	-17	123.5	47.98	123.5	48.39	122.7	48.76	122.7	49.31	122.7	49.83	120.8	50.67
	-13.7	-15	131.3	48.82	131.3	49.22	130.6	49.59	130.6	50.14	130.6	50.67	128.5	48.68
	-11.8	-13	135.6	49.34	135.6	49.75	134.8	50.12	134.8	50.67	134.8	49.33	133.3	47.42
	-9.8	-11	140.1	49.89	140.1	50.31	139.2	50.67	139.2	49.24	139.2	47.92	138.1	46.10
	-9.5	-10	141.0	49.99	141.0	50.39	140.1	50.45	140.1	49.02	140.0	47.70	138.9	45.89
	-8.5	-9.1	143.9	50.26	143.9	50.67	143.0	49.71	143.0	48.29	142.1	46.99	141.4	45.22
	-7.0	-7.6	148.3	50.67	148.3	49.58	147.3	48.60	147.3	47.20	147.3	45.93	145.7	44.23
	-5.0	-5.6	154.1	49.24	154.1	48.12	153.1	47.12	153.1	45.77	153.1	44.52	150.7	42.90
	-3.0	-3.7	159.9	47.82	159.9	46.66	158.9	45.64	158.9	44.32	158.9	43.10	155.8	41.57
	0.0	-0.7	168.5	45.68	168.5	44.48	167.6	43.41	167.6	42.16	167.6	40.97	162.9	39.58
	3.0	2.2	177.3	43.54	177.3	42.29	176.1	41.19	176.1	39.99	174.6	38.84	163.6	37.58
	5.0	4.1	182.6	42.11	182.6	40.82	181.6	39.71	180.4	38.56	175.7	37.42	163.6	36.25
	7.0	6	186.6	40.67	186.6	39.36	185.5	38.22	182.1	37.11	175.7	36.00	163.6	34.93
	9.0	7.9	187.3	39.49	187.3	38.22	186.7	37.11	182.1	36.03	175.7	34.96	163.6	33.91
	11.0	9.8	187.3	38.65	187.3	37.40	186.7	36.32	182.1	35.26	175.7	34.21	163.6	33.18
	13.0	11.8	187.3	37.74	187.3	36.53	186.7	35.46	182.1	34.43	175.7	33.41	163.6	32.41
	15.0	13.7	187.3	36.78	187.3	35.59	186.7	34.55	182.1	33.55	175.7	32.55	163.6	31.57
120	-24.8	-25	90.1	46.13	90.1	46.50	89.5	47.05	89.5	47.59	89.5	48.42	88.1	49.01
	-21.8	-22	108.9	46.97	108.9	47.34	108.2	47.89	108.2	48.42	108.2	49.25	106.6	49.83
	-19.8	-20	114.5	47.53	114.5	47.89	113.8	48.45	113.8	48.97	113.8	49.81	112.0	50.39
	-18.8	-19	117.2	47.80	117.2	48.17	116.4	48.72	116.4	49.25	116.4	50.08	114.6	50.67
	-16.7	-17	122.7	48.39	122.7	48.76	121.9	49.31	121.9	49.83	121.9	50.67	119.9	49.39
	-13.7	-15	130.3	49.22	130.3	49.59	129.6	50.14	129.6	50.67	129.6	48.75	127.6	47.56
	-11.8	-13	134.6	49.75	134.6	50.12	133.8	50.67	133.8	49.31	133.8	47.54	132.3	46.40
	-9.8	-11	139.1	50.31	139.1	50.67	138.2	49.18	138.2	47.89	138.2	46.27	137.2	45.18
	-9.5	-10	140.1	50.39	140.1	50.44	139.2	48.96	139.2	47.67	139.2	46.08	138.1	45.00
	-8.5	-9.1	142.9	50.67	142.9	49.64	142.0	48.20	142.0	46.96	142.0	45.44	140.8	44.38
	-7.0	-7.6	147.2	49.49	147.2	48.45	146.3	47.09	146.3	45.89	146.1	44.49	144.6	43.46
	-5.0	-5.6	153.0	47.90	153.0	46.86	151.9	45.58	151.9	44.45	151.9	43.21	149.8	42.24
	-3.0	-3.7	158.8	46.31	158.8	45.28	157.8	44.08	157.8	43.03	157.8	41.93	153.7	41.02
	0.0	-0.7	167.3	43.93	167.3	42.89	166.3	41.84	166.3	40.89	165.1	40.02	153.7	39.19
	3.0	2.2	176.1	41.53	176.1	40.50	174.0	39.59	170.7	38.75	165.3	38.11	153.7	37.36
	5.0	4.1	181.2	39.95	180.7	38.92	176.6	38.09	170.7	37.32	165.3	36.83	153.7	36.14
	7.0	6	185.3	38.36	183.8	37.33	176.6	36.59	170.7	35.89	165.3	35.56	153.7	34.92
	9.0	7.9	185.8	37.16	183.8	36.15	176.6	35.45	170.7	34.77	165.3	34.44	153.7	33.82
	11.0	9.8	185.8	36.29	183.8	35.29	176.6	34.59	170.7	33.93	165.3	33.62	153.7	33.03
	13.0	11.8	185.8	35.34	183.8	34.38	176.6	33.70	170.7	33.06	165.3	32.74	153.7	32.16
	15.0	13.7	185.8	34.33	183.8	33.39	176.6	32.75	170.7	32.12	165.3	31.81	153.7	31.24
110	-24.8	-25	89.6	46.50	89.6	47.05	89.0	47.59	89.0	48.42	89.0	49.01	87.7	49.28
	-21.8	-22	108.3	47.34	108.3	47.89	107.6	48.42	107.6	49.25	107.6	49.83	106.0	50.12
	-19.8	-20	113.9	47.89	113.9	48.45	113.2	48.97	113.2	49.81	113.2	50.39	111.4	50.67
	-18.8	-19	116.5	48.17	116.5	48.72	115.7	49.25	115.7	50.08	115.7	50.67	114.0	50.00
	-16.7	-17	122.0	48.76	122.0	49.31	121.2	49.83	121.2	50.67	121.2	49.29	119.2	48.59
	-13.7	-15	129.7	49.59	129.7	50.14	128.8	50.67	128.8	48.58	128.8	47.31	128.8	46.56
	-11.8	-13	133.9	50.12	133.9	50.67	133.1	49.19	133.1	47.26	133.1	46.06	133.1	45.29
	-9.8	-11	138.4	50.67	138.4	49.01	137.5	47.63	137.5	45.85	137.5	44.75	137.1	43.94
	-9.5	-10	139.2	50.40	139.2	48.74	138.5	47.40	138.5	45.65	138.5	44.55	138.0	43.73
	-8.5	-9.1	142.1	49.50	142.1	47.91	141.2	46.63	141.2	44.94	141.2	43.88	138.3	43.07
	-7.0	-7.6	146.5	48.13	146.5	46.65	145.6	45.45	145.6	43.89	145.6	42.90	138.3	42.06
	-5.0	-5.6	152.2	46.32	152.2	44.97	151.2	43.89	151.2	42.50	148.1	41.58	138.3	40.71
	-3.0	-3.7	157.8	44.52	157.8	43.31	156.7	42.33	153.2	41.10	148.1	40.26	138.3	39.37
	0.0	-0.7	166.5	41.80	166.1	40.79	158.4	39.99	153.2	38.99	148.1	38.29	138.3	37.35
	3.0	2.2	174.6	39.08	168.8	38.27	158.4	37.64	153.2	36.91	148.1	36.31	138.3	35.33
	5.0	4.1	178.6	37.27	168.8	36.61	158.4	36.10	153.2	35.51	148.1	35.00	138.3	33.98
	7.0	6	178.7	35.45	168.8	34.92	158.4	34.53	153.2	34.11	148.1	33.67	138.3	32.63
	9.0	7.9	178.7	34.19	168.8	33.68	158.4	33.31	153.2	32.91	148.1	32.47	138.3	31.47
	11.0	9.8	178.7	33.22	168.8	32.73	158.4	32.36	153.2	31.96	148.1	31.55	138.3	30.57
	13.0	11.8	178.7	32.18	168.8	31.71	158.4	31.35	153.2	30.96	148.1	30.56	138.3	29.63
	15.0	13.7	178.7	31.09	168.8	30.62	158.4	30.27	153.2	29.91	148.1	29.53	138.3	28.61

7. Capacity Tables

Heating Capacity (46HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	89.2	51.36	89.2	51.27	88.7	48.15	88.7	51.04	88.7	50.95	87.3	50.90
	-21.8	-22	107.8	51.23	107.8	51.13	107.2	49.66	107.2	50.91	107.2	51.49	105.5	50.77
	-19.8	-20	113.4	51.13	113.4	51.03	112.7	50.62	112.7	50.81	112.7	50.94	110.9	50.67
	-18.8	-19	116.0	51.08	115.3	51.00	115.3	50.91	115.3	50.76	115.3	50.67	113.5	49.85
	-16.7	-17	120.7	50.99	120.7	50.90	120.7	51.49	120.0	50.67	120.0	48.98	118.1	48.14
	-13.7	-15	129.0	50.85	129.0	50.76	128.3	50.67	128.3	48.22	128.3	46.57	126.4	45.69
	-11.8	-13	133.2	50.77	132.5	50.67	132.5	49.03	132.5	46.66	132.5	45.03	126.4	44.13
	-9.8	-11	137.7	50.67	137.7	48.82	137.0	47.29	137.0	45.03	135.7	43.43	126.4	42.49
	-9.5	-10	138.5	50.38	138.5	48.54	137.8	47.02	137.8	44.78	135.7	43.19	126.4	42.25
	-8.5	-9.1	141.4	49.41	141.4	47.62	140.7	46.16	140.3	43.95	135.7	42.38	126.4	41.43
	-7.0	-7.6	148.1	47.95	147.5	46.22	144.9	44.84	140.3	42.72	135.7	41.17	126.4	40.20
	-5.0	-5.6	154.5	46.00	153.0	44.37	144.9	43.10	140.3	41.09	135.7	39.56	126.4	38.57
	-3.0	-3.7	159.0	44.06	154.1	42.52	144.9	41.37	140.3	39.45	135.7	37.96	126.4	36.94
	0.0	-0.7	163.4	41.14	154.1	39.74	144.9	38.75	140.3	37.00	135.7	35.53	126.4	34.48
	3.0	2.2	163.4	38.21	154.1	36.96	144.9	36.15	140.3	34.54	135.7	33.13	126.4	32.03
	5.0	4.1	163.4	36.27	154.1	35.10	144.9	34.41	140.3	32.89	135.7	31.51	126.4	30.39
	7.0	6	163.4	34.32	154.1	33.25	144.9	32.67	140.3	31.25	135.7	29.91	126.4	28.76
	9.0	7.9	163.4	32.88	154.1	31.85	144.9	31.30	140.3	29.94	135.7	28.65	126.4	27.55
	11.0	9.8	163.4	31.71	154.1	30.71	144.9	30.18	140.3	28.87	135.7	27.62	126.4	26.57
	13.0	11.8	163.4	30.47	154.1	29.51	144.9	28.99	140.3	27.74	135.7	26.54	126.4	25.52
	15.0	13.7	163.4	29.16	154.1	28.23	144.9	27.74	140.3	26.55	135.7	25.40	126.4	24.42
90	-24.8	-25	88.9	45.73	88.9	46.56	88.3	47.15	88.3	47.42	88.3	47.99	87.0	48.82
	-21.8	-22	107.4	46.56	107.4	47.40	106.8	47.99	106.8	48.26	106.8	48.82	105.0	46.67
	-19.8	-20	113.0	47.13	113.0	47.95	112.3	48.54	112.3	48.82	112.3	47.35	110.6	45.26
	-18.8	-19	116.0	47.40	115.3	48.24	114.9	48.82	114.9	48.06	114.9	46.62	113.1	44.54
	-16.7	-17	120.7	47.99	120.7	48.82	120.1	47.25	120.1	46.47	120.1	45.09	115.4	43.04
	-13.7	-15	129.0	48.82	129.0	46.48	127.9	45.01	127.9	44.22	124.3	42.89	115.4	40.91
	-11.8	-13	133.2	47.21	132.5	45.01	132.0	43.60	128.5	42.78	124.3	41.49	115.4	39.55
	-9.8	-11	137.7	45.53	137.7	43.46	132.6	42.12	128.5	41.27	124.3	40.04	115.4	38.12
	-9.5	-10	138.5	45.27	138.5	43.22	132.6	41.88	128.5	41.03	124.3	39.82	115.4	37.91
	-8.5	-9.1	141.4	44.44	140.3	42.45	132.6	41.14	128.5	40.28	124.3	39.08	115.4	37.20
	-7.0	-7.6	148.1	43.17	140.8	41.29	132.6	40.02	128.5	39.15	124.3	37.98	115.4	36.13
	-5.0	-5.6	149.7	41.48	140.8	39.73	132.6	38.53	128.5	37.64	124.3	36.51	115.4	34.71
	-3.0	-3.7	149.7	39.80	140.8	38.17	132.6	37.04	128.5	36.13	124.3	35.05	115.4	33.27
	0.0	-0.7	149.7	37.27	140.8	35.84	132.6	34.81	128.5	33.86	124.3	32.86	115.4	31.14
	3.0	2.2	149.7	34.74	140.8	33.52	132.6	32.57	128.5	31.61	124.3	30.66	115.4	29.00
	5.0	4.1	149.7	33.05	140.8	31.95	132.6	31.07	128.5	30.09	124.3	29.20	115.4	27.57
	7.0	6	149.7	31.37	140.8	30.41	132.6	29.58	128.5	28.58	124.3	27.73	115.4	26.15
	9.0	7.9	149.7	29.79	140.8	28.87	132.6	28.10	128.5	27.14	124.3	26.34	115.4	24.83
	11.0	9.8	149.7	28.20	140.8	27.34	132.6	26.60	128.5	25.70	124.3	24.93	115.4	23.51
	13.0	11.8	149.7	26.63	140.8	25.81	132.6	25.11	128.5	24.25	124.3	23.54	115.4	22.19
	15.0	13.7	149.7	25.04	140.8	24.27	132.6	23.62	128.5	22.81	124.3	22.13	115.4	20.88
80	-24.8	-25	88.5	40.19	88.5	41.03	88.0	41.62	88.0	41.89	88.0	43.29	86.6	41.41
	-21.8	-22	106.2	41.03	106.2	41.87	106.2	42.45	106.2	43.29	106.2	41.41	103.2	39.61
	-19.8	-20	111.8	41.59	111.8	42.42	111.8	43.29	111.8	41.95	110.6	40.15	103.2	38.40
	-18.8	-19	114.4	41.87	114.4	43.29	114.4	42.61	114.2	41.29	110.8	39.53	103.2	37.80
	-16.7	-17	118.6	43.29	118.6	41.88	118.6	41.20	115.0	39.90	110.8	38.21	103.2	36.54
	-13.7	-15	123.9	41.20	121.6	39.86	118.6	39.17	115.0	37.90	110.8	36.33	103.2	34.74
	-11.8	-13	127.2	39.86	123.4	38.58	118.6	37.88	115.0	36.64	110.8	35.13	103.2	33.59
	-9.8	-11	130.6	38.46	125.2	37.24	118.6	36.53	115.0	35.31	110.8	33.89	103.2	32.39
	-9.5	-10	131.5	38.25	125.8	37.03	118.6	36.32	115.0	35.11	110.8	33.69	103.2	32.20
	-8.5	-9.1	132.8	37.56	126.3	36.37	118.6	35.65	115.0	34.44	110.8	33.06	103.2	31.61
	-7.0	-7.6	134.1	36.51	126.3	35.35	118.6	34.63	115.0	33.44	110.8	32.13	103.2	30.70
	-5.0	-5.6	134.1	35.11	126.3	34.02	118.6	33.29	115.0	32.11	110.8	30.86	103.2	29.50
	-3.0	-3.7	134.1	33.71	126.3	32.67	118.6	31.94	115.0	30.78	110.8	29.61	103.2	28.29
	0.0	-0.7	134.1	31.61	126.3	30.65	118.6	29.91	115.0	28.79	110.8	27.72	103.2	26.49
	3.0	2.2	134.1	29.52	126.3	28.63	118.6	27.88	115.0	26.79	110.8	25.84	103.2	24.69
	5.0	4.1	134.1	28.11	126.3	27.29	118.6	26.52	115.0	25.46	110.8	24.59	103.2	23.49
	7.0	6	134.1	26.72	126.3	25.94	118.6	25.18	115.0	24.13	110.8	23.33	103.2	22.28
	9.0	7.9	134.1	25.08	126.3	24.36	118.6	23.64	115.0	22.66	110.8	21.91	103.2	20.92
	11.0	9.8	134.1	23.29	126.3	22.62	118.6	21.95	115.0	21.03	110.8	20.33	103.2	19.42
	13.0	11.8	134.1	21.74	126.3	21.11	118.6	20.48	115.0	19.63	110.8	18.99	103.2	18.12
	15.0	13.7	134.1	20.46	126.3	19.86	118.6	19.28	115.0	18.48	110.8	17.88	103.2	17.06

7. Capacity Tables

Heating Capacity (46HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	88.5	40.45	88.5	40.73	88.0	41.29	88.0	42.12	88.0	40.10	86.5	38.19
	-21.8	-22	101.6	41.29	101.6	41.56	100.9	42.12	97.5	40.10	94.6	38.19	88.3	36.36
	-19.8	-20	110.4	41.85	107.4	42.12	100.9	40.70	97.5	38.75	94.6	36.94	88.3	35.15
	-18.8	-19	113.4	42.12	107.4	41.38	100.9	39.98	97.5	38.06	94.6	36.30	88.3	34.53
	-16.7	-17	113.6	40.59	107.4	39.83	100.9	38.49	97.5	36.65	94.6	34.97	88.3	33.25
	-13.7	-15	113.6	38.40	107.4	37.62	100.9	36.35	97.5	34.61	94.6	33.08	88.3	31.42
	-11.8	-13	113.6	37.00	107.4	36.21	100.9	34.99	97.5	33.32	94.6	31.87	88.3	30.26
	-9.8	-11	113.6	35.55	107.4	34.74	100.9	33.56	97.5	31.97	94.6	30.61	88.3	29.04
	-9.5	-10	113.6	35.32	107.4	34.52	100.9	33.35	97.5	31.77	94.6	30.42	88.3	28.86
	-8.5	-9.1	113.6	34.59	107.4	33.78	100.9	32.64	97.5	31.09	94.6	29.79	88.3	28.25
	-7.0	-7.6	113.6	33.50	107.4	32.68	100.9	31.57	97.5	30.08	94.6	28.84	88.3	27.33
	-5.0	-5.6	113.6	32.04	107.4	31.19	100.9	30.14	97.5	28.72	94.6	27.57	88.3	26.12
	-3.0	-3.7	113.6	30.58	107.4	29.72	100.9	28.72	97.5	27.37	94.6	26.30	88.3	24.89
	0.0	-0.7	113.6	28.38	107.4	27.51	100.9	26.58	97.5	25.35	94.6	24.41	88.3	23.06
	3.0	2.2	113.6	26.19	107.4	25.28	100.9	24.43	97.5	23.31	94.6	22.52	88.3	21.22
	5.0	4.1	113.6	24.73	107.4	23.80	100.9	23.01	97.5	21.96	94.6	21.24	88.3	20.02
	7.0	6	113.6	23.26	107.4	22.33	100.9	21.58	97.5	20.61	94.6	19.99	88.3	18.79
	9.0	7.9	113.6	21.01	107.4	20.17	100.9	19.49	97.5	18.61	94.6	18.04	88.3	16.97
	11.0	9.8	113.6	19.57	107.4	18.78	100.9	18.15	97.5	17.32	94.6	16.81	88.3	15.79
	13.0	11.8	113.6	18.31	107.4	17.57	100.9	16.97	97.5	16.21	94.6	15.72	88.3	14.79
	15.0	13.7	113.6	17.25	107.4	16.57	100.9	16.01	97.5	15.28	94.6	14.82	88.3	13.94
60	-24.8	-25	87.1	39.82	87.1	40.38	86.5	41.22	83.7	39.07	80.8	37.05	75.6	35.16
	-21.8	-22	93.3	40.66	92.3	41.22	86.5	39.07	83.7	37.05	80.8	35.16	75.6	33.33
	-19.8	-20	97.5	41.22	92.3	39.70	86.5	37.64	83.7	35.71	80.8	33.90	75.6	32.12
	-18.8	-19	97.5	40.46	92.3	38.95	86.5	36.92	83.7	35.04	80.8	33.27	75.6	31.50
	-16.7	-17	97.5	38.84	92.3	37.34	86.5	35.42	83.7	33.63	80.8	31.95	75.6	30.23
	-13.7	-15	97.5	36.53	92.3	35.06	86.5	33.26	83.7	31.62	80.8	30.05	75.6	28.40
	-11.8	-13	97.5	35.08	92.3	33.62	86.5	31.90	83.7	30.34	80.8	28.85	75.6	27.25
	-9.8	-11	97.5	33.54	92.3	32.10	86.5	30.47	83.7	29.00	80.8	27.59	75.6	26.02
	-9.5	-10	97.5	33.31	92.3	31.87	86.5	30.26	83.7	28.79	80.8	27.40	75.6	25.84
	-8.5	-9.1	97.5	32.54	92.3	31.12	86.5	29.54	83.7	28.13	80.8	26.77	75.6	25.24
	-7.0	-7.6	97.5	31.40	92.3	29.98	86.5	28.46	83.7	27.11	80.8	25.82	75.6	24.33
	-5.0	-5.6	97.5	29.85	92.3	28.46	86.5	27.04	83.7	25.77	80.8	24.57	75.6	23.10
	-3.0	-3.7	97.5	28.32	92.3	26.94	86.5	25.60	83.7	24.43	80.8	23.30	75.6	21.88
	0.0	-0.7	97.5	26.01	92.3	24.64	86.5	23.45	83.7	22.41	80.8	21.41	75.6	20.06
	3.0	2.2	97.5	23.71	92.3	22.37	86.5	21.29	83.7	20.40	80.8	19.51	75.6	18.23
	5.0	4.1	97.5	22.18	92.3	20.85	86.5	19.87	83.7	19.06	80.8	18.25	75.6	17.02
	7.0	6	97.5	20.64	92.3	19.33	86.5	18.43	83.7	17.71	80.8	17.00	75.6	15.79
	9.0	7.9	97.5	18.42	92.3	17.25	86.5	16.44	83.7	15.81	80.8	15.16	75.6	14.09
	11.0	9.8	97.5	17.20	92.3	16.10	86.5	15.35	83.7	14.76	80.8	14.16	75.6	13.17
	13.0	11.8	97.5	16.10	92.3	15.08	86.5	14.39	83.7	13.83	80.8	13.26	75.6	12.33
	15.0	13.7	97.5	15.22	92.3	14.26	86.5	13.59	83.7	13.06	80.8	12.54	75.6	11.66
50	-24.8	-25	81.4	35.10	76.8	35.93	72.1	34.02	69.8	32.22	67.4	30.54	62.8	28.96
	-21.8	-22	81.4	35.93	76.8	34.02	72.1	32.22	69.8	30.54	67.4	28.96	62.8	27.44
	-19.8	-20	81.4	34.60	76.8	32.74	72.1	31.03	69.8	29.40	67.4	27.90	62.8	26.42
	-18.8	-19	81.4	33.93	76.8	32.09	72.1	30.44	69.8	28.84	67.4	27.38	62.8	25.93
	-16.7	-17	81.4	32.52	76.8	30.76	72.1	29.18	69.8	27.64	67.4	26.27	62.8	24.87
	-13.7	-15	81.4	30.52	76.8	28.83	72.1	27.38	69.8	25.95	67.4	24.69	62.8	23.35
	-11.8	-13	81.4	29.24	76.8	27.62	72.1	26.25	69.8	24.88	67.4	23.70	62.8	22.39
	-9.8	-11	81.4	27.90	76.8	26.34	72.1	25.05	69.8	23.75	67.4	22.64	62.8	21.38
	-9.5	-10	81.4	27.70	76.8	26.15	72.1	24.87	69.8	23.58	67.4	22.50	62.8	21.22
	-8.5	-9.1	81.4	27.03	76.8	25.50	72.1	24.28	69.8	23.02	67.4	21.97	62.8	20.72
	-7.0	-7.6	81.4	26.02	76.8	24.55	72.1	23.38	69.8	22.17	67.4	21.18	62.8	19.97
	-5.0	-5.6	81.4	24.68	76.8	23.27	72.1	22.19	69.8	21.04	67.4	20.13	62.8	18.96
	-3.0	-3.7	81.4	23.34	76.8	21.99	72.1	20.98	69.8	19.91	67.4	19.07	62.8	17.94
	0.0	-0.7	81.4	21.34	76.8	20.06	72.1	19.20	69.8	18.22	67.4	17.49	62.8	16.43
	3.0	2.2	81.4	19.33	76.8	18.15	72.1	17.40	69.8	16.52	67.4	15.92	62.8	14.91
	5.0	4.1	81.4	17.99	76.8	16.87	72.1	16.21	69.8	15.39	67.4	14.87	62.8	13.90
	7.0	6	81.4	16.65	76.8	15.59	72.1	15.02	69.8	14.26	67.4	13.81	62.8	12.90
	9.0	7.9	81.4	15.03	76.8	14.08	72.1	13.56	69.8	12.88	67.4	12.48	62.8	11.64
	11.0	9.8	81.4	14.08	76.8	13.17	72.1	12.68	69.8	12.06	67.4	11.67	62.8	10.89
	13.0	11.8	81.4	13.21	76.8	12.37	72.1	11.91	69.8	11.32	67.4	10.96	62.8	10.23
	15.0	13.7	81.4	12.50	76.8	11.70	72.1	11.27	69.8	10.71	67.4	10.38	62.8	9.68

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM480LTE5

Heating Capacity (48HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	92.1	47.45	92.1	48.01	91.5	48.50	91.5	49.24	91.5	49.95	90.7	51.07
	-21.8	-22	111.6	48.58	111.6	49.13	110.9	49.62	110.9	50.36	110.9	51.07	109.9	52.18
	-19.8	-20	117.6	49.31	117.6	49.88	116.8	50.36	116.8	51.10	116.8	51.80	115.8	52.92
	-18.8	-19	120.3	49.69	120.3	50.24	119.6	50.73	119.6	51.47	119.6	52.18	118.5	53.29
	-16.7	-17	126.1	50.47	126.1	51.03	125.4	51.52	125.4	52.25	125.4	52.95	124.2	54.07
	-13.7	-15	134.4	51.59	134.4	52.14	133.6	52.63	133.6	53.36	133.6	54.07	132.3	52.01
	-11.8	-13	138.9	52.29	138.9	52.85	138.0	53.34	138.0	54.07	138.0	52.69	137.1	50.71
	-9.8	-11	143.6	53.03	143.6	53.59	142.7	54.07	142.7	52.60	142.7	51.23	141.9	49.34
	-9.5	-10	144.7	53.15	144.7	53.70	143.8	53.85	143.8	52.37	143.4	51.01	142.6	49.13
	-8.5	-9.1	148.7	53.52	148.7	54.07	147.8	53.09	147.8	51.63	145.7	50.27	145.1	48.43
	-7.0	-7.6	154.8	54.07	154.8	52.96	153.7	51.96	153.7	50.51	153.7	49.18	150.6	47.41
	-5.0	-5.6	162.7	52.64	162.7	51.48	161.6	50.44	161.6	49.04	161.6	47.73	155.9	46.03
	-3.0	-3.7	170.7	51.20	170.7	50.00	169.6	48.93	169.6	47.55	169.6	46.26	161.3	44.65
	0.0	-0.7	182.5	49.04	182.5	47.78	181.4	46.65	180.3	45.33	178.1	44.07	169.2	42.59
	3.0	2.2	189.0	46.88	189.0	45.55	188.0	44.38	186.4	43.11	182.7	41.87	170.7	40.53
	5.0	4.1	192.7	45.45	192.7	44.07	191.8	42.86	189.0	41.63	183.3	40.40	170.7	39.15
	7.0	6	195.0	44.00	195.0	42.58	194.1	41.35	190.0	40.14	183.3	38.95	170.7	37.79
	9.0	7.9	195.4	42.81	195.4	41.44	194.8	40.23	190.0	39.06	183.3	37.90	170.7	36.77
	11.0	9.8	195.4	42.01	195.4	40.64	194.8	39.47	190.0	38.31	183.3	37.18	170.7	36.06
	13.0	11.8	195.4	41.12	195.4	39.80	194.8	38.64	190.0	37.52	183.3	36.40	170.7	35.31
	15.0	13.7	195.4	40.19	195.4	38.89	194.8	37.75	190.0	36.66	183.3	35.56	170.7	34.50
120	-24.8	-25	91.5	48.01	91.5	48.50	90.8	49.24	90.8	49.95	90.8	51.07	90.0	51.85
	-21.8	-22	110.9	49.13	110.9	49.62	110.2	50.36	110.2	51.07	110.2	52.18	109.2	52.95
	-19.8	-20	116.8	49.88	116.8	50.36	116.0	51.10	116.0	51.80	116.0	52.92	114.9	53.70
	-18.8	-19	119.5	50.24	119.5	50.73	118.8	51.47	118.8	52.18	118.8	53.29	117.7	54.07
	-16.7	-17	125.3	51.03	125.3	51.52	124.5	52.25	124.5	52.95	124.5	54.07	123.3	52.75
	-13.7	-15	133.4	52.14	133.4	52.63	132.6	53.36	132.6	54.07	132.6	52.09	131.4	50.86
	-11.8	-13	137.9	52.85	137.9	53.34	137.0	54.07	137.0	52.67	137.0	50.84	136.1	49.65
	-9.8	-11	142.5	53.59	142.5	54.07	141.6	52.54	141.6	51.20	141.6	49.53	140.9	48.39
	-9.5	-10	143.8	53.70	143.8	53.83	142.9	52.31	142.9	50.98	142.9	49.33	142.1	48.20
	-8.5	-9.1	147.7	54.07	147.7	53.01	146.8	51.53	146.8	50.24	146.3	48.68	145.4	47.56
	-7.0	-7.6	153.6	52.86	153.6	51.79	152.7	50.38	152.7	49.14	150.6	47.68	149.4	46.61
	-5.0	-5.6	161.6	51.24	161.6	50.16	160.4	48.84	160.4	47.66	160.4	46.37	154.9	45.35
	-3.0	-3.7	169.4	49.61	169.4	48.54	168.4	47.29	168.4	46.19	167.5	45.05	159.7	44.08
	0.0	-0.7	181.2	47.18	180.7	46.09	177.5	44.98	175.5	43.98	172.4	43.07	160.3	42.19
	3.0	2.2	187.7	44.74	187.0	43.64	182.8	42.67	178.1	41.77	172.5	41.10	160.3	40.30
	5.0	4.1	191.2	43.12	190.0	42.01	184.3	41.12	178.1	40.30	172.5	39.78	160.3	39.04
	7.0	6	193.6	41.50	191.8	40.38	184.3	39.58	178.1	38.82	172.5	38.46	160.3	37.77
	9.0	7.9	193.9	40.28	191.8	39.19	184.3	38.42	178.1	37.69	172.5	37.33	160.3	36.66
	11.0	9.8	193.9	39.42	191.8	38.34	184.3	37.58	178.1	36.87	172.5	36.52	160.3	35.88
	13.0	11.8	193.9	38.48	191.8	37.44	184.3	36.70	178.1	36.00	172.5	35.66	160.3	35.02
	15.0	13.7	193.9	37.48	191.8	36.47	184.3	35.76	178.1	35.07	172.5	34.74	160.3	34.12
110	-24.8	-25	90.9	48.50	90.9	49.24	90.4	49.95	90.4	51.07	90.4	51.85	89.6	52.22
	-21.8	-22	110.3	49.62	110.3	50.36	109.6	51.07	109.6	52.18	109.6	52.95	108.6	53.34
	-19.8	-20	116.1	50.36	116.1	51.10	115.4	51.80	115.4	52.92	115.4	53.70	114.2	54.07
	-18.8	-19	118.8	50.73	118.8	51.47	118.1	52.18	118.1	53.29	118.1	54.07	117.0	53.37
	-16.7	-17	124.6	51.52	124.6	52.25	123.8	52.95	123.8	54.07	123.8	52.64	122.6	51.90
	-13.7	-15	132.8	52.63	132.8	53.36	131.8	54.07	131.8	51.90	131.8	50.59	131.8	49.80
	-11.8	-13	137.1	53.34	137.1	54.07	136.3	52.54	136.3	50.53	136.3	49.28	136.3	48.47
	-9.8	-11	141.8	54.07	141.8	52.35	140.9	50.93	140.9	49.08	140.9	47.92	140.5	47.07
	-9.5	-10	142.9	53.79	142.9	52.07	142.2	50.68	142.2	48.86	142.2	47.72	141.9	46.85
	-8.5	-9.1	146.9	52.87	146.9	51.22	145.9	49.88	145.9	48.13	145.6	47.03	143.7	46.16
	-7.0	-7.6	152.8	51.45	152.8	49.91	151.9	48.66	151.9	47.04	150.4	46.01	144.3	45.11
	-5.0	-5.6	160.7	49.58	160.7	48.18	159.6	47.05	158.6	45.60	153.6	44.64	144.3	43.71
	-3.0	-3.7	168.4	47.72	168.4	46.45	164.3	45.43	159.9	44.14	154.5	43.27	144.3	42.31
	0.0	-0.7	178.3	44.90	174.5	43.85	165.3	43.01	159.9	41.96	154.5	41.22	144.3	40.20
	3.0	2.2	184.0	42.10	176.1	41.24	165.3	40.58	159.9	39.80	154.5	39.16	144.3	38.11
	5.0	4.1	186.4	40.23	176.1	39.52	165.3	38.98	159.9	38.35	154.5	37.80	144.3	36.70
	7.0	6	186.4	38.35	176.1	37.77	165.3	37.36	159.9	36.90	154.5	36.42	144.3	35.30
	9.0	7.9	186.4	37.06	176.1	36.51	165.3	36.10	159.9	35.67	154.5	35.20	144.3	34.11
	11.0	9.8	186.4	36.08	176.1	35.55	165.3	35.15	159.9	34.72	154.5	34.27	144.3	33.21
	13.0	11.8	186.4	35.04	176.1	34.53	165.3	34.14	159.9	33.72	154.5	33.28	144.3	32.26
	15.0	13.7	186.4	33.94	176.1	33.43	165.3	33.05	159.9	32.66	154.5	32.24	144.3	31.24

7. Capacity Tables

Heating Capacity (48HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	90.5	53.58	90.5	53.64	90.0	50.89	90.0	53.80	90.0	53.88	89.1	53.91
	-21.8	-22	109.7	53.68	109.7	53.74	109.1	52.50	109.1	53.91	109.1	54.69	108.0	54.02
	-19.8	-20	115.6	53.74	115.6	53.80	114.9	53.53	114.9	53.97	114.9	54.28	113.8	54.07
	-18.8	-19	118.4	53.77	117.6	53.85	117.6	53.91	117.6	54.00	117.6	54.07	116.5	53.22
	-16.7	-17	123.3	53.85	123.3	53.92	123.3	54.69	122.6	54.07	122.6	52.31	121.4	51.42
	-13.7	-15	132.1	53.94	132.1	54.01	131.3	54.07	131.3	51.52	131.3	49.78	130.1	48.85
	-11.8	-13	136.4	54.02	135.7	54.07	135.7	52.36	135.7	49.89	135.7	48.18	131.6	47.21
	-9.8	-11	141.0	54.07	141.0	52.15	140.4	50.55	140.4	48.18	139.6	46.50	131.8	45.50
	-9.5	-10	142.2	53.77	142.2	51.86	141.5	50.27	141.5	47.92	140.2	46.25	131.8	45.25
	-8.5	-9.1	146.1	52.76	146.1	50.90	145.4	49.38	146.4	47.06	141.6	45.40	131.8	44.39
	-7.0	-7.6	154.5	51.25	153.9	49.45	151.2	48.00	146.4	45.78	141.6	44.13	131.8	43.10
	-5.0	-5.6	161.3	49.23	159.6	47.53	151.2	46.19	146.4	44.07	141.6	42.45	131.8	41.40
	-3.0	-3.7	165.9	47.22	160.8	45.61	151.2	44.40	146.4	42.36	141.6	40.77	131.8	39.68
	0.0	-0.7	170.6	44.19	160.8	42.71	151.2	41.67	146.4	39.80	141.6	38.24	131.8	37.11
	3.0	2.2	170.6	41.16	160.8	39.82	151.2	38.96	146.4	37.23	141.6	35.72	131.8	34.54
	5.0	4.1	170.6	39.15	160.8	37.89	151.2	37.15	146.4	35.52	141.6	34.03	131.8	32.82
	7.0	6	170.6	37.13	160.8	35.97	151.2	35.34	146.4	33.80	141.6	32.35	131.8	31.11
	9.0	7.9	170.6	35.60	160.8	34.49	151.2	33.89	146.4	32.42	141.6	31.03	131.8	29.83
	11.0	9.8	170.6	34.37	160.8	33.29	151.2	32.72	146.4	31.30	141.6	29.95	131.8	28.80
	13.0	11.8	170.6	33.07	160.8	32.03	151.2	31.47	146.4	30.11	141.6	28.81	131.8	27.70
	15.0	13.7	170.6	31.70	160.8	30.69	151.2	30.16	146.4	28.86	141.6	27.61	131.8	26.55
90	-24.8	-25	90.2	47.72	90.2	48.83	89.6	49.62	89.6	49.98	89.6	50.74	88.8	51.85
	-21.8	-22	109.3	48.83	109.3	49.95	108.7	50.74	108.7	51.10	108.7	51.85	107.6	49.62
	-19.8	-20	115.2	49.59	115.2	50.69	114.4	51.47	114.4	51.85	114.4	50.33	113.4	48.15
	-18.8	-19	118.4	49.95	117.6	51.07	117.2	51.85	117.2	51.06	117.2	49.57	116.1	47.40
	-16.7	-17	123.3	50.74	123.3	51.85	122.7	50.23	122.7	49.42	122.7	47.98	119.5	45.84
	-13.7	-15	132.1	51.85	132.1	49.44	130.9	47.92	130.9	47.09	128.6	45.70	120.5	43.62
	-11.8	-13	136.4	50.20	135.7	47.92	135.2	46.46	132.9	45.60	129.7	44.26	120.5	42.21
	-9.8	-11	141.0	48.47	141.0	46.33	137.2	44.93	134.1	44.03	129.7	42.75	120.5	40.73
	-9.5	-10	142.2	48.21	142.2	46.08	137.8	44.69	134.1	43.79	129.7	42.52	120.5	40.51
	-8.5	-9.1	146.1	47.35	145.0	45.29	138.3	43.92	134.1	43.02	129.7	41.76	120.5	39.77
	-7.0	-7.6	154.5	46.05	146.9	44.09	138.3	42.77	134.1	41.85	129.7	40.62	120.5	38.66
	-5.0	-5.6	156.2	44.31	146.9	42.49	138.3	41.23	134.1	40.29	129.7	39.10	120.5	37.18
	-3.0	-3.7	156.2	42.59	146.9	40.89	138.3	39.70	134.1	38.72	129.7	37.58	120.5	35.69
	0.0	-0.7	156.2	39.99	146.9	38.48	138.3	37.39	134.1	36.38	129.7	35.31	120.5	33.47
	3.0	2.2	156.2	37.40	146.9	36.09	138.3	35.09	134.1	34.05	129.7	33.03	120.5	31.25
	5.0	4.1	156.2	35.66	146.9	34.48	138.3	33.54	134.1	32.48	129.7	31.51	120.5	29.76
	7.0	6	156.2	33.94	146.9	32.89	138.3	32.00	134.1	30.92	129.7	30.00	120.5	28.29
	9.0	7.9	156.2	32.30	146.9	31.31	138.3	30.47	134.1	29.43	129.7	28.56	120.5	26.92
	11.0	9.8	156.2	30.67	146.9	29.73	138.3	28.93	134.1	27.95	129.7	27.11	120.5	25.57
	13.0	11.8	156.2	29.04	146.9	28.15	138.3	27.39	134.1	26.45	129.7	25.67	120.5	24.20
	15.0	13.7	156.2	27.41	146.9	26.56	138.3	25.85	134.1	24.96	129.7	24.22	120.5	22.85
80	-24.8	-25	89.8	41.84	89.8	42.96	89.3	43.75	89.3	44.11	89.3	45.98	88.4	44.02
	-21.8	-22	108.1	42.96	108.1	44.08	108.1	44.86	108.1	45.98	108.1	44.02	105.9	42.14
	-19.8	-20	114.0	43.71	114.0	44.82	114.0	45.98	114.0	44.59	113.1	42.71	107.7	40.89
	-18.8	-19	116.7	44.08	116.7	45.98	116.7	45.27	116.5	43.90	114.2	42.06	107.7	40.26
	-16.7	-17	121.7	45.98	121.7	44.51	121.7	43.81	119.2	42.46	115.7	40.70	107.7	38.95
	-13.7	-15	129.3	43.82	126.9	42.43	123.8	41.71	120.0	40.38	115.7	38.74	107.7	37.07
	-11.8	-13	132.7	42.45	128.8	41.11	123.8	40.38	120.0	39.08	115.7	37.50	107.7	35.88
	-9.8	-11	135.9	41.00	130.4	39.73	123.8	38.98	120.0	37.70	115.7	36.20	107.7	34.63
	-9.5	-10	136.8	40.79	131.1	39.51	123.8	38.76	120.0	37.49	115.7	36.00	107.7	34.43
	-8.5	-9.1	138.3	40.07	131.8	38.83	123.8	38.07	120.0	36.80	115.7	35.34	107.7	33.82
	-7.0	-7.6	139.9	38.99	131.8	37.78	123.8	37.02	120.0	35.76	115.7	34.38	107.7	32.87
	-5.0	-5.6	139.9	37.55	131.8	36.40	123.8	35.63	120.0	34.38	115.7	33.06	107.7	31.62
	-3.0	-3.7	139.9	36.10	131.8	35.01	123.8	34.23	120.0	33.00	115.7	31.76	107.7	30.36
	0.0	-0.7	139.9	33.94	131.8	32.93	123.8	32.13	120.0	30.94	115.7	29.80	107.7	28.48
	3.0	2.2	139.9	31.78	131.8	30.84	123.8	30.03	120.0	28.86	115.7	27.85	107.7	26.61
	5.0	4.1	139.9	30.34	131.8	29.45	123.8	28.63	120.0	27.48	115.7	26.55	107.7	25.36
	7.0	6	139.9	28.90	131.8	28.06	123.8	27.24	120.0	26.10	115.7	25.24	107.7	24.10
	9.0	7.9	139.9	27.13	131.8	26.35	123.8	25.58	120.0	24.51	115.7	23.70	107.7	22.63
	11.0	9.8	139.9	25.19	131.8	24.46	123.8	23.74	120.0	22.74	115.7	21.99	107.7	21.00
	13.0	11.8	139.9	23.51	131.8	22.83	123.8	22.16	120.0	21.23	115.7	20.54	107.7	19.60
	15.0	13.7	139.9	22.13	131.8	21.48	123.8	20.85	120.0	19.99	115.7	19.34	107.7	18.45

7. Capacity Tables

Heating Capacity (48HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	89.8	42.32	89.8	42.69	89.3	43.44	89.3	44.55	89.3	42.45	88.3	40.48
	-21.8	-22	104.8	43.44	105.1	43.80	104.3	44.55	101.7	42.45	98.7	40.48	92.1	38.58
	-19.8	-20	112.8	44.18	110.9	44.55	105.3	43.08	101.7	41.06	98.7	39.18	92.1	37.32
	-18.8	-19	115.9	44.55	111.8	43.79	105.3	42.34	101.7	40.34	98.7	38.52	92.1	36.68
	-16.7	-17	118.2	42.98	112.0	42.19	105.3	40.80	101.7	38.88	98.7	37.14	92.1	35.35
	-13.7	-15	118.5	40.72	112.0	39.91	105.3	38.59	101.7	36.78	98.7	35.18	92.1	33.45
	-11.8	-13	118.5	39.28	112.0	38.46	105.3	37.19	101.7	35.44	98.7	33.93	92.1	32.24
	-9.8	-11	118.5	37.79	112.0	36.94	105.3	35.71	101.7	34.04	98.7	32.62	92.1	30.97
	-9.5	-10	118.5	37.56	112.0	36.71	105.3	35.50	101.7	33.84	98.7	32.43	92.1	30.78
	-8.5	-9.1	118.5	36.81	112.0	35.95	105.3	34.76	101.7	33.14	98.7	31.77	92.1	30.15
	-7.0	-7.6	118.5	35.68	112.0	34.82	105.3	33.66	101.7	32.09	98.7	30.79	92.1	29.20
	-5.0	-5.6	118.5	34.18	112.0	33.29	105.3	32.18	101.7	30.69	98.7	29.48	92.1	27.94
	-3.0	-3.7	118.5	32.68	112.0	31.77	105.3	30.71	101.7	29.29	98.7	28.16	92.1	26.66
	0.0	-0.7	118.5	30.43	112.0	29.49	105.3	28.50	101.7	27.19	98.7	26.20	92.1	24.76
	3.0	2.2	118.5	28.17	112.0	27.20	105.3	26.29	101.7	25.09	98.7	24.24	92.1	22.85
	5.0	4.1	118.5	26.67	112.0	25.67	105.3	24.82	101.7	23.69	98.7	22.92	92.1	21.60
	7.0	6	118.5	25.16	112.0	24.16	105.3	23.35	101.7	22.29	98.7	21.62	92.1	20.33
	9.0	7.9	118.5	22.73	112.0	21.82	105.3	21.08	101.7	20.13	98.7	19.51	92.1	18.35
	11.0	9.8	118.5	21.17	112.0	20.31	105.3	19.63	101.7	18.74	98.7	18.18	92.1	17.08
	13.0	11.8	118.5	19.80	112.0	19.00	105.3	18.36	101.7	17.54	98.7	17.00	92.1	16.00
	15.0	13.7	118.5	18.66	112.0	17.92	105.3	17.32	101.7	16.53	98.7	16.03	92.1	15.07
60	-24.8	-25	88.6	41.50	88.6	42.25	88.0	43.37	86.0	41.16	84.0	39.08	78.9	37.13
	-21.8	-22	96.4	42.62	96.3	43.37	90.3	41.16	87.3	39.08	84.3	37.13	78.9	35.24
	-19.8	-20	101.7	43.37	96.3	41.81	90.3	39.68	87.3	37.70	84.3	35.82	78.9	33.98
	-18.8	-19	101.7	42.58	96.3	41.03	90.3	38.95	87.3	37.01	84.3	35.17	78.9	33.34
	-16.7	-17	101.7	40.93	96.3	39.38	90.3	37.40	87.3	35.55	84.3	33.81	78.9	32.02
	-13.7	-15	101.7	38.57	96.3	37.05	90.3	35.18	87.3	33.48	84.3	31.86	78.9	30.13
	-11.8	-13	101.7	37.09	96.3	35.56	90.3	33.78	87.3	32.16	84.3	30.62	78.9	28.94
	-9.8	-11	101.7	35.51	96.3	34.01	90.3	32.31	87.3	30.78	84.3	29.32	78.9	27.67
	-9.5	-10	101.7	35.27	96.3	33.78	90.3	32.10	87.3	30.57	84.3	29.12	78.9	27.48
	-8.5	-9.1	101.7	34.49	96.3	33.00	90.3	31.35	87.3	29.89	84.3	28.47	78.9	26.86
	-7.0	-7.6	101.7	33.32	96.3	31.83	90.3	30.25	87.3	28.84	84.3	27.49	78.9	25.92
	-5.0	-5.6	101.7	31.75	96.3	30.27	90.3	28.78	87.3	27.46	84.3	26.19	78.9	24.65
	-3.0	-3.7	101.7	30.18	96.3	28.71	90.3	27.31	87.3	26.08	84.3	24.89	78.9	23.39
	0.0	-0.7	101.7	27.82	96.3	26.36	90.3	25.10	87.3	24.00	84.3	22.94	78.9	21.50
	3.0	2.2	101.7	25.47	96.3	24.03	90.3	22.88	87.3	21.93	84.3	20.98	78.9	19.61
	5.0	4.1	101.7	23.90	96.3	22.47	90.3	21.42	87.3	20.55	84.3	19.68	78.9	18.35
	7.0	6	101.7	22.33	96.3	20.91	90.3	19.94	87.3	19.16	84.3	18.38	78.9	17.08
	9.0	7.9	101.7	19.92	96.3	18.66	90.3	17.79	87.3	17.10	84.3	16.40	78.9	15.25
	11.0	9.8	101.7	18.60	96.3	17.42	90.3	16.60	87.3	15.97	84.3	15.32	78.9	14.24
	13.0	11.8	101.7	17.42	96.3	16.31	90.3	15.57	87.3	14.96	84.3	14.34	78.9	13.34
	15.0	13.7	101.7	16.46	96.3	15.43	90.3	14.71	87.3	14.12	84.3	13.56	78.9	12.61
50	-24.8	-25	84.9	37.05	80.1	38.16	75.3	36.16	72.9	34.28	70.4	32.50	65.6	30.85
	-21.8	-22	84.9	38.16	80.1	36.16	75.3	34.28	72.9	32.50	70.4	30.85	65.6	29.25
	-19.8	-20	84.9	36.76	80.1	34.82	75.3	33.02	72.9	31.31	70.4	29.74	65.6	28.18
	-18.8	-19	84.9	36.07	80.1	34.14	75.3	32.41	72.9	30.72	70.4	29.19	65.6	27.66
	-16.7	-17	84.9	34.60	80.1	32.75	75.3	31.09	72.9	29.47	70.4	28.03	65.6	26.54
	-13.7	-15	84.9	32.50	80.1	30.73	75.3	29.20	72.9	27.69	70.4	26.37	65.6	24.94
	-11.8	-13	84.9	31.17	80.1	29.46	75.3	28.01	72.9	26.57	70.4	25.33	65.6	23.94
	-9.8	-11	84.9	29.77	80.1	28.12	75.3	26.76	72.9	25.38	70.4	24.22	65.6	22.87
	-9.5	-10	84.9	29.56	80.1	27.92	75.3	26.57	72.9	25.21	70.4	24.06	65.6	22.71
	-8.5	-9.1	84.9	28.86	80.1	27.24	75.3	25.95	72.9	24.62	70.4	23.51	65.6	22.18
	-7.0	-7.6	84.9	27.80	80.1	26.25	75.3	25.01	72.9	23.73	70.4	22.68	65.6	21.39
	-5.0	-5.6	84.9	26.40	80.1	24.91	75.3	23.76	72.9	22.54	70.4	21.57	65.6	20.33
	-3.0	-3.7	84.9	25.01	80.1	23.57	75.3	22.50	72.9	21.36	70.4	20.46	65.6	19.26
	0.0	-0.7	84.9	22.91	80.1	21.54	75.3	20.63	72.9	19.58	70.4	18.81	65.6	17.67
	3.0	2.2	84.9	20.81	80.1	19.54	75.3	18.74	72.9	17.80	70.4	17.15	65.6	16.07
	5.0	4.1	84.9	19.41	80.1	18.20	75.3	17.50	72.9	16.61	70.4	16.05	65.6	15.01
	7.0	6	84.9	18.01	80.1	16.86	75.3	16.24	72.9	15.43	70.4	14.94	65.6	13.95
	9.0	7.9	84.9	16.26	80.1	15.23	75.3	14.67	72.9	13.93	70.4	13.50	65.6	12.60
	11.0	9.8	84.9	15.22	80.1	14.25	75.3	13.72	72.9	13.04	70.4	12.63	65.6	11.78
	13.0	11.8	84.9	14.29	80.1	13.38	75.3	12.89	72.9	12.24	70.4	11.86	65.6	11.07
	15.0	13.7	84.9	13.52	80.1	12.66	75.3	12.19	72.9	11.58	70.4	11.22	65.6	10.47

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM500LTE5

Heating Capacity (50HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	100.7	50.27	100.7	50.66	100.0	51.01	100.0	51.53	100.0	52.05	98.5	52.84
	-21.8	-22	120.6	51.07	120.6	51.46	119.8	51.81	119.8	52.33	119.8	52.84	118.0	53.63
	-19.8	-20	126.4	51.59	126.4	51.99	125.5	52.33	125.5	52.87	125.5	53.36	123.6	54.16
	-18.8	-19	129.0	51.85	129.0	52.25	128.2	52.60	128.2	53.12	128.2	53.63	126.2	54.42
	-16.7	-17	134.7	52.42	134.7	52.81	133.8	53.16	133.8	53.68	133.8	54.18	131.7	54.98
	-13.7	-15	142.8	53.21	142.8	53.60	141.9	53.95	141.9	54.47	141.9	54.98	139.7	52.74
	-11.8	-13	147.4	53.71	147.4	54.10	146.5	54.45	146.5	54.98	146.5	53.46	144.6	51.32
	-9.8	-11	152.3	54.23	152.3	54.64	151.4	54.98	151.4	53.35	151.4	51.87	149.6	49.84
	-9.5	-10	153.2	54.33	153.2	54.71	152.3	54.73	152.3	53.10	152.1	51.63	150.4	49.61
	-8.5	-9.1	156.4	54.58	156.4	54.98	155.5	53.88	155.5	52.29	154.5	50.83	152.9	48.86
	-7.0	-7.6	161.2	54.98	161.2	53.72	160.2	52.62	160.2	51.05	160.2	49.63	157.4	47.74
	-5.0	-5.6	167.5	53.33	167.5	52.06	166.4	50.94	166.4	49.43	166.4	48.04	162.5	46.25
	-3.0	-3.7	173.8	51.68	173.8	50.39	172.7	49.25	172.7	47.79	172.7	46.44	167.8	44.76
	0.0	-0.7	183.1	49.21	183.1	47.89	182.1	46.72	182.1	45.35	182.1	44.05	175.4	42.52
	3.0	2.2	192.7	46.74	192.7	45.38	191.4	44.19	191.4	42.89	189.9	41.64	177.8	40.28
	5.0	4.1	198.5	45.09	198.5	43.71	197.4	42.51	196.2	41.27	191.0	40.04	177.8	38.79
	7.0	6	203.0	43.44	203.0	42.04	201.8	40.82	197.9	39.63	191.0	38.45	177.8	37.31
	9.0	7.9	203.6	42.07	203.6	40.71	203.0	39.53	197.9	38.37	191.0	37.23	177.8	36.12
	11.0	9.8	203.6	41.06	203.6	39.72	203.0	38.58	197.9	37.45	191.0	36.34	177.8	35.25
	13.0	11.8	203.6	39.96	203.6	38.68	203.0	37.55	197.9	36.46	191.0	35.38	177.8	34.32
	15.0	13.7	203.6	38.81	203.6	37.56	203.0	36.46	197.9	35.41	191.0	34.35	177.8	33.32
120	-24.8	-25	100.0	50.66	100.0	51.01	99.3	51.53	99.3	52.05	99.3	52.84	97.8	53.40
	-21.8	-22	119.8	51.46	119.8	51.81	119.0	52.33	119.0	52.84	119.0	53.63	117.2	54.18
	-19.8	-20	125.4	51.99	125.4	52.33	124.6	52.87	124.6	53.36	124.6	54.16	122.7	54.71
	-18.8	-19	128.1	52.25	128.1	52.60	127.3	53.12	127.3	53.63	127.3	54.42	125.4	54.98
	-16.7	-17	133.8	52.81	133.8	53.16	132.9	53.68	132.9	54.18	132.9	54.98	130.8	53.54
	-13.7	-15	141.7	53.60	141.7	53.95	140.9	54.47	140.9	54.98	140.9	52.82	138.7	51.49
	-11.8	-13	146.4	54.10	146.4	54.45	145.4	54.98	145.4	53.45	145.4	51.46	143.6	50.18
	-9.8	-11	151.2	54.64	151.2	54.98	150.3	53.29	150.3	51.84	150.3	50.02	148.6	48.81
	-9.5	-10	152.2	54.71	152.2	54.71	151.3	53.04	151.3	51.60	151.3	49.81	149.5	48.61
	-8.5	-9.1	155.3	54.98	155.3	53.80	154.4	52.18	154.4	50.79	154.2	49.10	152.3	47.92
	-7.0	-7.6	160.0	53.63	160.0	52.46	159.0	50.93	159.0	49.59	158.4	48.02	156.2	46.88
	-5.0	-5.6	166.3	51.82	166.3	50.66	165.2	49.23	165.2	47.97	165.2	46.58	161.5	45.51
	-3.0	-3.7	172.6	50.01	172.6	48.87	171.5	47.53	171.5	46.37	171.5	45.15	166.2	44.14
	0.0	-0.7	181.9	47.30	181.9	46.16	180.8	45.00	180.8	43.96	179.6	42.99	167.0	42.09
	3.0	2.2	191.4	44.58	191.4	43.46	189.2	42.47	185.5	41.55	179.7	40.84	167.0	40.03
	5.0	4.1	197.0	42.78	196.5	41.67	192.0	40.77	185.5	39.94	179.7	39.41	167.0	38.66
	7.0	6	201.5	40.97	199.8	39.86	192.0	39.07	185.5	38.33	179.7	37.97	167.0	37.29
	9.0	7.9	202.0	39.59	199.8	38.51	192.0	37.76	185.5	37.04	179.7	36.69	167.0	36.03
	11.0	9.8	202.0	38.55	199.8	37.50	192.0	36.76	185.5	36.06	179.7	35.72	167.0	35.09
	13.0	11.8	202.0	37.43	199.8	36.42	192.0	35.70	185.5	35.02	179.7	34.69	167.0	34.07
	15.0	13.7	202.0	36.25	199.8	35.26	192.0	34.58	185.5	33.91	179.7	33.59	167.0	32.99
110	-24.8	-25	99.4	51.01	99.4	51.53	98.8	52.05	98.8	52.84	98.8	53.40	97.3	53.65
	-21.8	-22	119.2	51.81	119.2	52.33	118.4	52.84	118.4	53.63	118.4	54.18	116.6	54.45
	-19.8	-20	124.7	52.33	124.7	52.87	124.0	53.36	124.0	54.16	124.0	54.71	121.9	54.98
	-18.8	-19	127.4	52.60	127.4	53.12	126.6	53.63	126.6	54.42	126.6	54.98	124.6	54.22
	-16.7	-17	133.0	53.16	133.0	53.68	132.1	54.18	132.1	54.98	132.1	53.43	130.0	52.65
	-13.7	-15	141.0	53.95	141.0	54.47	140.0	54.98	140.0	52.63	140.0	51.22	140.0	50.39
	-11.8	-13	145.6	54.45	145.6	54.98	144.6	53.31	144.6	51.15	144.6	49.82	144.6	48.97
	-9.8	-11	150.4	54.98	150.4	53.11	149.5	51.57	149.5	49.58	149.5	48.35	148.4	47.47
	-9.5	-10	151.3	54.67	151.3	52.81	150.5	51.31	150.5	49.35	150.5	48.13	150.0	47.24
	-8.5	-9.1	154.5	53.66	154.5	51.88	153.5	50.44	153.5	48.55	153.5	47.38	150.3	46.49
	-7.0	-7.6	159.2	52.12	159.2	50.46	158.2	49.12	158.2	47.38	158.2	46.29	150.3	45.37
	-5.0	-5.6	165.4	50.09	165.4	48.58	164.3	47.38	164.3	45.82	160.9	44.81	150.3	43.86
	-3.0	-3.7	171.5	48.06	171.5	46.71	170.4	45.62	166.6	44.25	160.9	43.33	150.3	42.37
	0.0	-0.7	180.9	45.00	180.5	43.89	172.2	43.00	166.6	41.90	160.9	41.13	150.3	40.11
	3.0	2.2	189.8	41.94	183.5	41.06	172.2	40.37	166.6	39.57	160.9	38.91	150.3	37.86
	5.0	4.1	194.2	39.91	183.5	39.18	172.2	38.63	166.6	38.00	160.9	37.44	150.3	36.35
	7.0	6	194.2	37.86	183.5	37.29	172.2	36.88	166.6	36.43	160.9	35.96	150.3	34.85
	9.0	7.9	194.2	36.43	183.5	35.88	172.2	35.49	166.6	35.06	160.9	34.60	150.3	33.53
	11.0	9.8	194.2	35.30	183.5	34.78	172.2	34.38	166.6	33.96	160.9	33.52	150.3	32.49
	13.0	11.8	194.2	34.10	183.5	33.60	172.2	33.22	166.6	32.81	160.9	32.39	150.3	31.40
	15.0	13.7	194.2	32.84	183.5	32.34	172.2	31.98	166.6	31.59	160.9	31.19	150.3	30.22

7. Capacity Tables

Heating Capacity (50HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	98.9	55.22	98.9	55.19	98.4	52.11	98.4	55.10	98.4	55.08	96.8	55.06
	-21.8	-22	118.6	55.18	118.6	55.14	117.9	53.76	117.9	55.06	117.9	55.61	116.0	55.02
	-19.8	-20	124.2	55.14	124.2	55.10	123.4	54.79	123.4	55.02	123.4	55.19	121.5	54.98
	-18.8	-19	126.9	55.12	126.1	55.10	126.1	55.06	126.1	55.00	126.1	54.98	124.1	54.07
	-16.7	-17	131.6	55.09	131.6	55.06	131.6	55.61	130.9	54.98	130.9	53.10	128.8	52.18
	-13.7	-15	140.3	55.04	140.3	55.01	139.5	54.98	139.5	52.25	139.5	50.43	137.3	49.46
	-11.8	-13	144.8	55.02	144.0	54.98	144.0	53.14	144.0	50.51	144.0	48.72	137.3	47.73
	-9.8	-11	149.6	54.98	149.6	52.91	149.0	51.20	149.0	48.70	147.5	46.94	137.3	45.92
	-9.5	-10	150.5	54.65	150.5	52.59	149.8	50.90	149.8	48.42	147.5	46.68	137.3	45.65
	-8.5	-9.1	153.7	53.56	153.7	51.57	152.9	49.94	152.5	47.50	147.5	45.77	137.3	44.75
	-7.0	-7.6	160.9	51.92	160.3	50.00	157.5	48.47	152.5	46.14	147.5	44.44	137.3	43.38
	-5.0	-5.6	168.0	49.74	166.3	47.94	157.5	46.53	152.5	44.32	147.5	42.65	137.3	41.58
	-3.0	-3.7	172.8	47.56	167.5	45.87	157.5	44.60	152.5	42.49	147.5	40.87	137.3	39.77
	0.0	-0.7	177.7	44.30	167.5	42.76	157.5	41.68	152.5	39.76	147.5	38.18	137.3	37.05
	3.0	2.2	177.7	41.02	167.5	39.65	157.5	38.77	152.5	37.03	147.5	35.52	137.3	34.33
	5.0	4.1	177.7	38.84	167.5	37.58	157.5	36.83	152.5	35.20	147.5	33.72	137.3	32.52
	7.0	6	177.7	36.66	167.5	35.51	157.5	34.89	152.5	33.37	147.5	31.94	137.3	30.71
	9.0	7.9	177.7	34.90	167.5	33.81	157.5	33.22	152.5	31.78	147.5	30.42	137.3	29.24
	11.0	9.8	177.7	33.43	167.5	32.38	157.5	31.82	152.5	30.44	147.5	29.12	137.3	28.01
	13.0	11.8	177.7	31.88	167.5	30.87	157.5	30.33	152.5	29.02	147.5	27.77	137.3	26.70
	15.0	13.7	177.7	30.24	167.5	29.28	157.5	28.77	152.5	27.53	147.5	26.34	137.3	25.33
90	-24.8	-25	98.6	49.79	98.6	50.58	98.0	51.14	98.0	51.40	98.0	51.94	96.5	52.73
	-21.8	-22	118.1	50.58	118.1	51.38	117.4	51.94	117.4	52.20	117.4	52.73	115.5	50.38
	-19.8	-20	123.7	51.12	123.7	51.90	122.9	52.46	122.9	52.73	122.9	51.12	121.1	48.83
	-18.8	-19	126.9	51.38	126.1	52.18	125.6	52.73	125.6	51.90	125.6	50.32	123.6	48.05
	-16.7	-17	131.6	51.94	131.6	52.73	131.0	51.00	131.0	50.15	131.0	48.64	125.5	46.41
	-13.7	-15	140.3	52.73	140.3	50.16	139.0	48.55	139.0	47.68	135.2	46.23	125.5	44.07
	-11.8	-13	144.8	50.96	144.0	48.53	143.5	46.99	139.7	46.10	135.2	44.70	125.5	42.59
	-9.8	-11	149.6	49.11	149.6	46.83	144.1	45.36	139.7	44.44	135.2	43.10	125.5	41.03
	-9.5	-10	150.5	48.82	150.5	46.57	144.1	45.11	139.7	44.19	135.2	42.86	125.5	40.80
	-8.5	-9.1	153.7	47.90	152.5	45.73	144.1	44.29	139.7	43.36	135.2	42.06	125.5	40.01
	-7.0	-7.6	160.9	46.50	153.0	44.44	144.1	43.06	139.7	42.12	135.2	40.85	125.5	38.84
	-5.0	-5.6	162.7	44.64	153.0	42.73	144.1	41.43	139.7	40.47	135.2	39.24	125.5	37.29
	-3.0	-3.7	162.7	42.79	153.0	41.02	144.1	39.79	139.7	38.80	135.2	37.63	125.5	35.72
	0.0	-0.7	162.7	40.00	153.0	38.45	144.1	37.33	139.7	36.32	135.2	35.24	125.5	33.38
	3.0	2.2	162.7	37.22	153.0	35.89	144.1	34.88	139.7	33.84	135.2	32.83	125.5	31.05
	5.0	4.1	162.7	35.36	153.0	34.17	144.1	33.23	139.7	32.18	135.2	31.22	125.5	29.48
	7.0	6	162.7	33.50	153.0	32.47	144.1	31.59	139.7	30.52	135.2	29.61	125.5	27.93
	9.0	7.9	162.7	31.76	153.0	30.79	144.1	29.97	139.7	28.94	135.2	28.08	125.5	26.47
	11.0	9.8	162.7	30.02	153.0	29.11	144.1	28.32	139.7	27.36	135.2	26.54	125.5	25.03
	13.0	11.8	162.7	28.29	153.0	27.42	144.1	26.68	139.7	25.77	135.2	25.01	125.5	23.58
	15.0	13.7	162.7	26.55	153.0	25.73	144.1	25.05	139.7	24.18	135.2	23.47	125.5	22.14
80	-24.8	-25	98.1	43.81	98.1	44.61	97.6	45.17	97.6	45.43	97.6	46.76	96.0	44.70
	-21.8	-22	116.9	44.61	116.9	45.41	116.9	45.96	116.9	46.76	116.9	44.70	112.2	42.73
	-19.8	-20	122.4	45.14	122.4	45.93	122.4	46.76	122.4	45.29	120.3	43.32	112.2	41.41
	-18.8	-19	125.1	45.41	125.1	46.76	125.1	46.01	124.4	44.57	120.5	42.64	112.2	40.76
	-16.7	-17	128.9	46.76	128.9	45.20	128.9	44.46	125.0	43.05	120.5	41.20	112.2	39.38
	-13.7	-15	134.7	44.46	132.2	42.99	128.9	42.23	125.0	40.85	120.5	39.14	112.2	37.41
	-11.8	-13	138.6	42.99	134.5	41.58	128.9	40.82	125.0	39.47	120.5	37.83	112.2	36.15
	-9.8	-11	142.3	41.45	136.2	40.11	128.9	39.34	125.0	38.01	120.5	36.46	112.2	34.84
	-9.5	-10	143.2	41.22	136.9	39.88	128.9	39.11	125.0	37.80	120.5	36.25	112.2	34.64
	-8.5	-9.1	144.5	40.46	137.3	39.15	128.9	38.38	125.0	37.06	120.5	35.56	112.2	33.99
	-7.0	-7.6	145.7	39.30	137.3	38.04	128.9	37.26	125.0	35.97	120.5	34.54	112.2	33.00
	-5.0	-5.6	145.7	37.76	137.3	36.57	128.9	35.79	125.0	34.51	120.5	33.15	112.2	31.69
	-3.0	-3.7	145.7	36.22	137.3	35.09	128.9	34.30	125.0	33.06	120.5	31.79	112.2	30.36
	0.0	-0.7	145.7	33.91	137.3	32.88	128.9	32.08	125.0	30.87	120.5	29.72	112.2	28.39
	3.0	2.2	145.7	31.61	137.3	30.66	128.9	29.85	125.0	28.68	120.5	27.66	112.2	26.43
	5.0	4.1	145.7	30.07	137.3	29.18	128.9	28.37	125.0	27.22	120.5	26.30	112.2	25.11
	7.0	6	145.7	28.53	137.3	27.70	128.9	26.89	125.0	25.77	120.5	24.92	112.2	23.79
	9.0	7.9	145.7	26.79	137.3	26.01	128.9	25.25	125.0	24.20	120.5	23.40	112.2	22.35
	11.0	9.8	145.7	24.87	137.3	24.15	128.9	23.44	125.0	22.45	120.5	21.71	112.2	20.74
	13.0	11.8	145.7	23.21	137.3	22.54	128.9	21.88	125.0	20.96	120.5	20.28	112.2	19.35
	15.0	13.7	145.7	21.85	137.3	21.21	128.9	20.59	125.0	19.73	120.5	19.09	112.2	18.22

7. Capacity Tables

Heating Capacity (50HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	98.1	43.92	98.1	44.18	97.6	44.72	97.6	45.51	97.6	43.30	95.0	41.22
	-21.8	-22	110.5	44.72	110.5	44.97	109.7	45.51	106.0	43.30	102.8	41.22	95.9	39.22
	-19.8	-20	118.6	45.25	116.7	45.51	109.7	43.95	106.0	41.82	102.8	39.84	95.9	37.90
	-18.8	-19	122.0	45.51	116.7	44.70	109.7	43.16	106.0	41.07	102.8	39.15	95.9	37.23
	-16.7	-17	123.5	43.83	116.7	43.00	109.7	41.53	106.0	39.52	102.8	37.70	95.9	35.83
	-13.7	-15	123.5	41.43	116.7	40.58	109.7	39.19	106.0	37.30	102.8	35.63	95.9	33.84
	-11.8	-13	123.5	39.89	116.7	39.04	109.7	37.71	106.0	35.89	102.8	34.31	95.9	32.57
	-9.8	-11	123.5	38.31	116.7	37.43	109.7	36.15	106.0	34.42	102.8	32.94	95.9	31.24
	-9.5	-10	123.5	38.05	116.7	37.18	109.7	35.92	106.0	34.20	102.8	32.74	95.9	31.04
	-8.5	-9.1	123.5	37.26	116.7	36.38	109.7	35.14	106.0	33.46	102.8	32.04	95.9	30.38
	-7.0	-7.6	123.5	36.06	116.7	35.17	109.7	33.97	106.0	32.36	102.8	31.01	95.9	29.38
	-5.0	-5.6	123.5	34.46	116.7	33.55	109.7	32.41	106.0	30.87	102.8	29.62	95.9	28.05
	-3.0	-3.7	123.5	32.86	116.7	31.93	109.7	30.85	106.0	29.39	102.8	28.24	95.9	26.72
	0.0	-0.7	123.5	30.45	116.7	29.51	109.7	28.51	106.0	27.18	102.8	26.17	95.9	24.72
	3.0	2.2	123.5	28.05	116.7	27.08	109.7	26.17	106.0	24.96	102.8	24.11	95.9	22.72
	5.0	4.1	123.5	26.45	116.7	25.46	109.7	24.61	106.0	23.49	102.8	22.72	95.9	21.40
	7.0	6	123.5	24.84	116.7	23.85	109.7	23.05	106.0	22.01	102.8	21.34	95.9	20.07
	9.0	7.9	123.5	22.44	116.7	21.54	109.7	20.81	106.0	19.87	102.8	19.27	95.9	18.12
	11.0	9.8	123.5	20.90	116.7	20.05	109.7	19.38	106.0	18.50	102.8	17.95	95.9	16.86
	13.0	11.8	123.5	19.55	116.7	18.76	109.7	18.13	106.0	17.31	102.8	16.79	95.9	15.79
	15.0	13.7	123.5	18.43	116.7	17.69	109.7	17.10	106.0	16.32	102.8	15.83	95.9	14.88
60	-24.8	-25	94.7	43.31	94.7	43.85	94.1	44.65	90.9	42.29	87.8	40.08	82.2	38.02
	-21.8	-22	101.4	44.11	100.3	44.65	94.1	42.29	90.9	40.08	87.8	38.02	82.2	36.02
	-19.8	-20	106.0	44.65	100.3	42.98	94.1	40.72	90.9	38.61	87.8	36.63	82.2	34.69
	-18.8	-19	106.0	43.81	100.3	42.15	94.1	39.94	90.9	37.88	87.8	35.94	82.2	34.02
	-16.7	-17	106.0	42.03	100.3	40.39	94.1	38.29	90.9	36.34	87.8	34.50	82.2	32.63
	-13.7	-15	106.0	39.50	100.3	37.89	94.1	35.93	90.9	34.14	87.8	32.43	82.2	30.63
	-11.8	-13	106.0	37.90	100.3	36.31	94.1	34.43	90.9	32.73	87.8	31.12	82.2	29.38
	-9.8	-11	106.0	36.21	100.3	34.64	94.1	32.87	90.9	31.27	87.8	29.74	82.2	28.04
	-9.5	-10	106.0	35.95	100.3	34.40	94.1	32.64	90.9	31.04	87.8	29.53	82.2	27.84
	-8.5	-9.1	106.0	35.11	100.3	33.57	94.1	31.85	90.9	30.32	87.8	28.84	82.2	27.18
	-7.0	-7.6	106.0	33.85	100.3	32.32	94.1	30.67	90.9	29.21	87.8	27.80	82.2	26.19
	-5.0	-5.6	106.0	32.16	100.3	30.65	94.1	29.11	90.9	27.74	87.8	26.43	82.2	24.85
	-3.0	-3.7	106.0	30.48	100.3	28.98	94.1	27.54	90.9	26.27	87.8	25.04	82.2	23.52
	0.0	-0.7	106.0	27.94	100.3	26.47	94.1	25.18	90.9	24.06	87.8	22.98	82.2	21.53
	3.0	2.2	106.0	25.42	100.3	23.98	94.1	22.82	90.9	21.86	87.8	20.90	82.2	19.53
	5.0	4.1	106.0	23.74	100.3	22.31	94.1	21.26	90.9	20.39	87.8	19.53	82.2	18.20
	7.0	6	106.0	22.04	100.3	20.65	94.1	19.69	90.9	18.91	87.8	18.15	82.2	16.86
	9.0	7.9	106.0	19.67	100.3	18.42	94.1	17.56	90.9	16.89	87.8	16.19	82.2	15.05
	11.0	9.8	106.0	18.36	100.3	17.20	94.1	16.39	90.9	15.76	87.8	15.12	82.2	14.06
	13.0	11.8	106.0	17.20	100.3	16.10	94.1	15.37	90.9	14.77	87.8	14.16	82.2	13.17
	15.0	13.7	106.0	16.25	100.3	15.23	94.1	14.52	90.9	13.94	87.8	13.39	82.2	12.45
50	-24.8	-25	88.4	38.02	83.4	38.81	78.4	36.73	75.9	34.77	73.3	32.93	68.3	31.22
	-21.8	-22	88.4	38.81	83.4	36.73	78.4	34.77	75.9	32.93	73.3	31.22	68.3	29.57
	-19.8	-20	88.4	37.35	83.4	35.33	78.4	33.47	75.9	31.69	73.3	30.07	68.3	28.46
	-18.8	-19	88.4	36.62	83.4	34.62	78.4	32.83	75.9	31.09	73.3	29.51	68.3	27.93
	-16.7	-17	88.4	35.09	83.4	33.18	78.4	31.46	75.9	29.79	73.3	28.30	68.3	26.77
	-13.7	-15	88.4	32.90	83.4	31.07	78.4	29.50	75.9	27.95	73.3	26.58	68.3	25.12
	-11.8	-13	88.4	31.51	83.4	29.75	78.4	28.26	75.9	26.78	73.3	25.50	68.3	24.09
	-9.8	-11	88.4	30.05	83.4	28.36	78.4	26.96	75.9	25.55	73.3	24.35	68.3	22.98
	-9.5	-10	88.4	29.83	83.4	28.16	78.4	26.76	75.9	25.37	73.3	24.19	68.3	22.82
	-8.5	-9.1	88.4	29.10	83.4	27.45	78.4	26.12	75.9	24.76	73.3	23.62	68.3	22.27
	-7.0	-7.6	88.4	28.00	83.4	26.41	78.4	25.14	75.9	23.83	73.3	22.76	68.3	21.45
	-5.0	-5.6	88.4	26.54	83.4	25.02	78.4	23.85	75.9	22.61	73.3	21.62	68.3	20.36
	-3.0	-3.7	88.4	25.08	83.4	23.62	78.4	22.53	75.9	21.38	73.3	20.47	68.3	19.25
	0.0	-0.7	88.4	22.90	83.4	21.52	78.4	20.59	75.9	19.54	73.3	18.75	68.3	17.61
	3.0	2.2	88.4	20.70	83.4	19.44	78.4	18.63	75.9	17.69	73.3	17.04	68.3	15.96
	5.0	4.1	88.4	19.24	83.4	18.04	78.4	17.34	75.9	16.46	73.3	15.90	68.3	14.87
	7.0	6	88.4	17.78	83.4	16.65	78.4	16.04	75.9	15.23	73.3	14.75	68.3	13.77
	9.0	7.9	88.4	16.05	83.4	15.03	78.4	14.49	75.9	13.76	73.3	13.33	68.3	12.44
	11.0	9.8	88.4	15.03	83.4	14.06	78.4	13.55	75.9	12.87	73.3	12.47	68.3	11.63
	13.0	11.8	88.4	14.11	83.4	13.21	78.4	12.72	75.9	12.09	73.3	11.71	68.3	10.93
	15.0	13.7	88.4	13.35	83.4	12.50	78.4	12.04	75.9	11.43	73.3	11.08	68.3	10.34

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM520LTE5

Heating Capacity (52HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	102.9	53.87	102.9	54.22	102.2	54.53	102.2	54.99	102.2	55.45	100.7	56.14
	-21.8	-22	124.4	54.58	124.4	54.93	123.6	55.24	123.6	55.70	123.6	56.14	121.7	56.84
	-19.8	-20	131.0	55.04	131.0	55.40	130.0	55.70	130.0	56.17	130.0	56.60	128.1	57.31
	-18.8	-19	133.7	55.27	133.7	55.62	132.9	55.93	132.9	56.39	132.9	56.84	130.8	57.53
	-16.7	-17	139.8	55.77	139.8	56.12	139.0	56.43	139.0	56.89	139.0	57.32	136.8	58.03
	-13.7	-15	148.5	56.48	148.5	56.81	147.7	57.12	147.7	57.58	147.7	58.03	145.3	55.78
	-11.8	-13	153.4	56.91	153.4	57.26	152.4	57.57	152.4	58.03	152.4	56.51	150.6	54.35
	-9.8	-11	158.4	57.37	158.4	57.73	157.5	58.03	157.5	56.41	157.5	54.92	155.9	52.86
	-9.5	-10	159.4	57.46	159.4	57.79	158.4	57.78	158.4	56.17	158.3	54.67	156.7	52.63
	-8.5	-9.1	162.7	57.68	162.7	58.03	161.7	56.94	161.7	55.35	160.7	53.87	159.5	51.87
	-7.0	-7.6	167.7	58.03	167.7	56.80	166.6	55.70	166.6	54.12	166.6	52.68	164.2	50.75
	-5.0	-5.6	174.1	56.43	174.1	55.17	173.0	54.04	173.0	52.51	173.0	51.09	169.7	49.25
	-3.0	-3.7	180.7	54.84	180.7	53.53	179.6	52.37	179.6	50.88	179.6	49.48	175.3	47.74
	0.0	-0.7	190.3	52.45	190.3	51.09	189.3	49.86	189.3	48.45	189.3	47.09	183.5	45.49
	3.0	2.2	200.2	50.06	200.2	48.63	198.9	47.37	198.9	46.00	197.4	44.68	184.9	43.24
	5.0	4.1	206.3	48.47	206.3	46.99	205.1	45.70	203.9	44.39	198.6	43.07	184.9	41.74
	7.0	6	210.9	46.86	210.9	45.35	209.7	44.04	205.9	42.76	198.6	41.48	184.9	40.25
	9.0	7.9	211.7	45.54	211.7	44.08	211.1	42.80	205.9	41.55	198.6	40.31	184.9	39.11
	11.0	9.8	211.7	44.63	211.7	43.18	211.1	41.94	205.9	40.70	198.6	39.50	184.9	38.31
	13.0	11.8	211.7	43.62	211.7	42.23	211.1	40.99	205.9	39.80	198.6	38.62	184.9	37.46
	15.0	13.7	211.7	42.57	211.7	41.19	211.1	39.98	205.9	38.83	198.6	37.67	184.9	36.54
120	-24.8	-25	102.2	54.22	102.2	54.53	101.4	54.99	101.4	55.45	101.4	56.14	99.9	56.64
	-21.8	-22	123.6	54.93	123.6	55.24	122.8	55.70	122.8	56.14	122.8	56.84	120.9	57.32
	-19.8	-20	130.0	55.40	130.0	55.70	129.2	56.17	129.2	56.60	129.2	57.31	127.1	57.79
	-18.8	-19	132.9	55.62	132.9	55.93	132.1	56.39	132.1	56.84	132.1	57.53	130.0	58.03
	-16.7	-17	139.0	56.12	139.0	56.43	138.0	56.89	138.0	57.32	138.0	58.03	135.8	56.58
	-13.7	-15	147.4	56.81	147.4	57.12	146.6	57.58	146.6	58.03	146.6	55.86	144.3	54.52
	-11.8	-13	152.3	57.26	152.3	57.57	151.3	58.03	151.3	56.50	151.3	54.50	149.5	53.20
	-9.8	-11	157.3	57.73	157.3	58.03	156.3	56.35	156.3	54.89	156.3	53.06	154.9	51.82
	-9.5	-10	158.4	57.79	158.4	57.77	157.4	56.10	157.4	54.64	157.4	52.84	155.8	51.62
	-8.5	-9.1	161.5	58.03	161.5	56.86	160.6	55.24	160.6	53.84	160.6	52.13	158.8	50.92
	-7.0	-7.6	166.4	56.70	166.4	55.52	165.4	53.99	165.4	52.63	165.2	51.05	162.9	49.88
	-5.0	-5.6	173.0	54.91	173.0	53.74	171.7	52.29	171.7	51.01	171.7	49.61	168.7	48.50
	-3.0	-3.7	179.4	53.12	179.4	51.96	178.3	50.60	178.3	49.40	178.3	48.17	173.7	47.12
	0.0	-0.7	189.0	50.45	189.0	49.27	187.9	48.07	187.9	46.99	186.7	46.00	173.7	45.06
	3.0	2.2	198.9	47.76	198.9	46.58	196.7	45.54	192.9	44.58	186.9	43.85	173.7	42.99
	5.0	4.1	204.7	45.99	204.2	44.80	199.7	43.85	192.9	42.97	186.9	42.41	173.7	41.61
	7.0	6	209.5	44.20	207.8	43.00	199.7	42.15	192.9	41.35	186.9	40.97	173.7	40.23
	9.0	7.9	210.1	42.86	207.8	41.69	199.7	40.88	192.9	40.09	186.9	39.71	173.7	39.01
	11.0	9.8	210.1	41.89	207.8	40.74	199.7	39.93	192.9	39.17	186.9	38.81	173.7	38.13
	13.0	11.8	210.1	40.83	207.8	39.73	199.7	38.95	192.9	38.20	186.9	37.84	173.7	37.16
	15.0	13.7	210.1	39.72	207.8	38.64	199.7	37.89	192.9	37.16	186.9	36.81	173.7	36.15
110	-24.8	-25	101.6	54.53	101.6	54.99	100.9	55.45	100.9	56.14	100.9	56.64	99.4	56.86
	-21.8	-22	122.9	55.24	122.9	55.70	122.1	56.14	122.1	56.84	122.1	57.32	120.2	57.57
	-19.8	-20	129.2	55.70	129.2	56.17	128.5	56.60	128.5	57.31	128.5	57.79	126.3	58.03
	-18.8	-19	132.1	55.93	132.1	56.39	131.3	56.84	131.3	57.53	131.3	58.03	129.2	57.26
	-16.7	-17	138.2	56.43	138.2	56.89	137.2	57.32	137.2	58.03	137.2	56.47	135.0	55.67
	-13.7	-15	146.7	57.12	146.7	57.58	145.6	58.03	145.6	55.66	145.6	54.23	145.6	53.37
	-11.8	-13	151.4	57.57	151.4	58.03	150.5	56.35	150.5	54.17	150.5	52.81	150.5	51.93
	-9.8	-11	156.5	58.03	156.5	56.15	155.5	54.59	155.5	52.58	155.5	51.33	154.7	50.40
	-9.5	-10	157.4	57.72	157.4	55.84	156.6	54.33	156.6	52.35	156.6	51.11	156.0	50.17
	-8.5	-9.1	160.7	56.71	160.7	54.91	159.6	53.46	159.6	51.54	159.6	50.35	156.3	49.42
	-7.0	-7.6	165.6	55.16	165.6	53.48	164.6	52.12	164.6	50.36	164.6	49.24	156.3	48.28
	-5.0	-5.6	172.0	53.12	172.0	51.59	170.9	50.37	170.9	48.79	167.4	47.75	156.3	46.75
	-3.0	-3.7	178.3	51.09	178.3	49.71	177.1	48.60	173.2	47.20	167.4	46.25	156.3	45.23
	0.0	-0.7	188.0	48.01	187.6	46.87	179.1	45.96	173.2	44.82	167.4	44.02	156.3	42.93
	3.0	2.2	197.2	44.94	190.8	44.02	179.1	43.30	173.2	42.47	167.4	41.78	156.3	40.65
	5.0	4.1	202.0	42.90	190.8	42.14	179.1	41.56	173.2	40.88	167.4	40.30	156.3	39.12
	7.0	6	202.0	40.84	190.8	40.23	179.1	39.79	173.2	39.30	167.4	38.79	156.3	37.59
	9.0	7.9	202.0	39.43	190.8	38.84	179.1	38.41	173.2	37.95	167.4	37.44	156.3	36.29
	11.0	9.8	202.0	38.34	190.8	37.78	179.1	37.35	173.2	36.89	167.4	36.41	156.3	35.29
	13.0	11.8	202.0	37.19	190.8	36.64	179.1	36.23	173.2	35.78	167.4	35.32	156.3	34.24
	15.0	13.7	202.0	35.97	190.8	35.42	179.1	35.03	173.2	34.61	167.4	34.16	156.3	33.10

7. Capacity Tables

Heating Capacity (52HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	101.1	60.04	101.1	59.78	100.6	55.63	100.6	59.11	100.6	58.84	98.9	58.70
	-21.8	-22	122.3	59.65	122.3	59.37	121.6	57.38	121.6	58.72	121.6	59.20	119.6	58.31
	-19.8	-20	128.7	59.37	128.7	59.09	127.9	58.47	127.9	58.44	127.9	58.42	125.8	58.03
	-18.8	-19	131.6	59.23	130.8	58.98	130.8	58.72	130.8	58.30	130.8	58.03	128.7	57.10
	-16.7	-17	136.7	58.96	136.7	58.69	136.7	59.20	135.9	58.03	135.9	56.11	133.7	55.16
	-13.7	-15	145.9	58.55	145.9	58.29	145.1	58.03	145.1	55.25	145.1	53.37	142.8	52.37
	-11.8	-13	150.6	58.31	149.8	58.03	149.8	56.17	149.8	53.48	149.8	51.63	142.8	50.59
	-9.8	-11	155.7	58.03	155.7	55.94	155.0	54.20	155.0	51.63	153.4	49.80	142.8	48.73
	-9.5	-10	156.6	57.70	156.6	55.61	155.8	53.89	155.8	51.35	153.4	49.54	142.8	48.46
	-8.5	-9.1	159.9	56.60	159.9	54.58	159.1	52.92	158.6	50.41	153.4	48.61	142.8	47.53
	-7.0	-7.6	167.4	54.95	166.7	52.99	163.8	51.42	158.6	49.01	153.4	47.24	142.8	46.13
	-5.0	-5.6	174.7	52.74	172.9	50.90	163.8	49.45	158.6	47.16	153.4	45.42	142.8	44.29
	-3.0	-3.7	179.7	50.55	174.2	48.81	163.8	47.50	158.6	45.30	153.4	43.59	142.8	42.43
	0.0	-0.7	184.8	47.25	174.2	45.66	163.8	44.53	158.6	42.52	153.4	40.84	142.8	39.64
	3.0	2.2	184.8	43.94	174.2	42.51	163.8	41.58	158.6	39.73	153.4	38.12	142.8	36.85
	5.0	4.1	184.8	41.75	174.2	40.40	163.8	39.61	158.6	37.87	153.4	36.28	142.8	34.99
	7.0	6	184.8	39.54	174.2	38.31	163.8	37.64	158.6	36.00	153.4	34.46	142.8	33.13
	9.0	7.9	184.8	37.95	174.2	36.77	163.8	36.13	158.6	34.56	153.4	33.08	142.8	31.80
	11.0	9.8	184.8	36.68	174.2	35.52	163.8	34.91	158.6	33.39	153.4	31.95	142.8	30.73
	13.0	11.8	184.8	35.33	174.2	34.22	163.8	33.62	158.6	32.16	153.4	30.78	142.8	29.59
	15.0	13.7	184.8	33.90	174.2	32.82	163.8	32.25	158.6	30.87	153.4	29.53	142.8	28.40
90	-24.8	-25	100.8	53.54	100.8	54.23	100.1	54.73	100.1	54.95	100.1	55.44	98.6	56.13
	-21.8	-22	121.8	54.23	121.8	54.94	121.1	55.44	121.1	55.66	121.1	56.13	119.1	53.67
	-19.8	-20	128.2	54.72	128.2	55.40	127.4	55.90	127.4	56.13	127.4	54.45	125.5	52.05
	-18.8	-19	131.6	54.94	130.8	55.65	130.3	56.13	130.3	55.26	130.3	53.61	128.2	51.22
	-16.7	-17	136.7	55.44	136.7	56.13	136.1	54.33	136.1	53.44	136.1	51.85	130.5	49.50
	-13.7	-15	145.9	56.13	145.9	53.45	144.6	51.77	144.6	50.86	140.6	49.33	130.5	47.06
	-11.8	-13	150.6	54.29	149.8	51.76	149.3	50.14	145.3	49.21	140.6	47.73	130.5	45.50
	-9.8	-11	155.7	52.37	155.7	49.99	149.8	48.45	145.3	47.47	140.6	46.06	130.5	43.86
	-9.5	-10	156.6	52.07	156.6	49.71	149.8	48.18	145.3	47.20	140.6	45.81	130.5	43.62
	-8.5	-9.1	159.9	51.11	158.6	48.84	149.8	47.33	145.3	46.35	140.6	44.97	130.5	42.80
	-7.0	-7.6	167.4	49.66	159.1	47.50	149.8	46.05	145.3	45.05	140.6	43.70	130.5	41.57
	-5.0	-5.6	169.2	47.72	159.1	45.72	149.8	44.34	145.3	43.32	140.6	42.02	130.5	39.95
	-3.0	-3.7	169.2	45.80	159.1	43.93	149.8	42.63	145.3	41.58	140.6	40.34	130.5	38.30
	0.0	-0.7	169.2	42.90	159.1	41.25	149.8	40.07	145.3	38.98	140.6	37.83	130.5	35.85
	3.0	2.2	169.2	40.01	159.1	38.60	149.8	37.51	145.3	36.40	140.6	35.31	130.5	33.40
	5.0	4.1	169.2	38.07	159.1	36.80	149.8	35.79	145.3	34.66	140.6	33.63	130.5	31.75
	7.0	6	169.2	36.15	159.1	35.03	149.8	34.08	145.3	32.93	140.6	31.95	130.5	30.13
	9.0	7.9	169.2	34.33	159.1	33.28	149.8	32.39	145.3	31.27	140.6	30.35	130.5	28.61
	11.0	9.8	169.2	32.51	159.1	31.52	149.8	30.67	145.3	29.63	140.6	28.74	130.5	27.11
	13.0	11.8	169.2	30.71	159.1	29.77	149.8	28.96	145.3	27.97	140.6	27.14	130.5	25.59
	15.0	13.7	169.2	28.89	159.1	28.00	149.8	27.25	145.3	26.31	140.6	25.53	130.5	24.09
80	-24.8	-25	100.3	47.17	100.3	47.88	99.8	48.38	99.8	48.60	99.8	49.78	98.1	47.62
	-21.8	-22	120.5	47.88	120.5	48.59	120.5	49.07	120.5	49.78	120.5	47.62	116.7	45.55
	-19.8	-20	126.9	48.35	126.9	49.05	126.9	49.78	126.9	48.24	125.1	46.17	116.7	44.16
	-18.8	-19	129.8	48.59	129.8	49.78	129.8	48.99	129.4	47.48	125.3	45.46	116.7	43.48
	-16.7	-17	134.1	49.78	134.1	48.15	134.1	47.37	130.0	45.89	125.3	43.95	116.7	42.03
	-13.7	-15	140.1	47.38	137.5	45.84	134.1	45.04	130.0	43.59	125.3	41.79	116.7	39.96
	-11.8	-13	143.8	45.85	139.6	44.37	134.1	43.57	130.0	42.15	125.3	40.42	116.7	38.64
	-9.8	-11	147.7	44.24	141.5	42.84	134.1	42.02	130.0	40.62	125.3	38.99	116.7	37.27
	-9.5	-10	148.7	44.00	142.2	42.60	134.1	41.78	130.0	40.40	125.3	38.77	116.7	37.05
	-8.5	-9.1	150.1	43.21	142.8	41.84	134.1	41.02	130.0	39.62	125.3	38.04	116.7	36.38
	-7.0	-7.6	151.6	42.01	142.8	40.67	134.1	39.85	130.0	38.48	125.3	36.97	116.7	35.33
	-5.0	-5.6	151.6	40.40	142.8	39.15	134.1	38.31	130.0	36.96	125.3	35.51	116.7	33.96
	-3.0	-3.7	151.6	38.79	142.8	37.60	134.1	36.76	130.0	35.43	125.3	34.08	116.7	32.56
	0.0	-0.7	151.6	36.39	142.8	35.29	134.1	34.43	130.0	33.15	125.3	31.92	116.7	30.49
	3.0	2.2	151.6	33.99	142.8	32.97	134.1	32.10	130.0	30.85	125.3	29.76	116.7	28.44
	5.0	4.1	151.6	32.38	142.8	31.43	134.1	30.55	130.0	29.32	125.3	28.33	116.7	27.05
	7.0	6	151.6	30.78	142.8	29.88	134.1	29.01	130.0	27.80	125.3	26.88	116.7	25.67
	9.0	7.9	151.6	28.90	142.8	28.06	134.1	27.24	130.0	26.11	125.3	25.24	116.7	24.11
	11.0	9.8	151.6	26.83	142.8	26.06	134.1	25.29	130.0	24.22	125.3	23.42	116.7	22.37
	13.0	11.8	151.6	25.04	142.8	24.32	134.1	23.60	130.0	22.62	125.3	21.88	116.7	20.88
	15.0	13.7	151.6	23.57	142.8	22.88	134.1	22.21	130.0	21.29	125.3	20.60	116.7	19.65

7. Capacity Tables

Heating Capacity (52HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	100.3	47.05	100.3	47.29	99.8	47.76	99.8	48.45	99.8	46.13	98.0	43.94
	-21.8	-22	114.9	47.76	114.9	47.98	114.1	48.45	110.2	46.13	106.9	43.94	99.8	41.84
	-19.8	-20	124.6	48.23	121.4	48.45	114.1	46.82	110.2	44.58	106.9	42.50	99.8	40.44
	-18.8	-19	128.2	48.45	121.4	47.61	114.1	45.99	110.2	43.78	106.9	41.76	99.8	39.74
	-16.7	-17	128.4	46.70	121.4	45.82	114.1	44.28	110.2	42.16	106.9	40.24	99.8	38.26
	-13.7	-15	128.4	44.18	121.4	43.28	114.1	41.82	110.2	39.83	106.9	38.06	99.8	36.16
	-11.8	-13	128.4	42.57	121.4	41.67	114.1	40.27	110.2	38.34	106.9	36.67	99.8	34.83
	-9.8	-11	128.4	40.91	121.4	39.97	114.1	38.62	110.2	36.79	106.9	35.23	99.8	33.42
	-9.5	-10	128.4	40.64	121.4	39.72	114.1	38.38	110.2	36.56	106.9	35.02	99.8	33.21
	-8.5	-9.1	128.4	39.81	121.4	38.87	114.1	37.57	110.2	35.78	106.9	34.28	99.8	32.52
	-7.0	-7.6	128.4	38.55	121.4	37.61	114.1	36.34	110.2	34.63	106.9	33.19	99.8	31.46
	-5.0	-5.6	128.4	36.88	121.4	35.90	114.1	34.69	110.2	33.06	106.9	31.74	99.8	30.07
	-3.0	-3.7	128.4	35.20	121.4	34.21	114.1	33.06	110.2	31.51	106.9	30.28	99.8	28.66
	0.0	-0.7	128.4	32.68	121.4	31.67	114.1	30.60	110.2	29.19	106.9	28.10	99.8	26.56
	3.0	2.2	128.4	30.16	121.4	29.12	114.1	28.14	110.2	26.85	106.9	25.94	99.8	24.44
	5.0	4.1	128.4	28.49	121.4	27.41	114.1	26.51	110.2	25.30	106.9	24.47	99.8	23.06
	7.0	6	128.4	26.80	121.4	25.73	114.1	24.86	110.2	23.75	106.9	23.03	99.8	21.65
	9.0	7.9	128.4	24.21	121.4	23.24	114.1	22.45	110.2	21.44	106.9	20.78	99.8	19.55
	11.0	9.8	128.4	22.55	121.4	21.63	114.1	20.91	110.2	19.96	106.9	19.37	99.8	18.19
	13.0	11.8	128.4	21.09	121.4	20.24	114.1	19.55	110.2	18.68	106.9	18.11	99.8	17.04
	15.0	13.7	128.4	19.88	121.4	19.09	114.1	18.45	110.2	17.60	106.9	17.07	99.8	16.06
60	-24.8	-25	98.5	46.44	98.5	46.91	97.8	47.62	94.6	45.13	91.3	42.79	85.5	40.61
	-21.8	-22	105.5	47.15	104.3	47.62	97.8	45.13	94.6	42.79	91.3	40.61	85.5	38.49
	-19.8	-20	110.2	47.62	104.3	45.86	97.8	43.47	94.6	41.24	91.3	39.14	85.5	37.08
	-18.8	-19	110.2	46.73	104.3	44.99	97.8	42.65	94.6	40.47	91.3	38.41	85.5	36.37
	-16.7	-17	110.2	44.86	104.3	43.12	97.8	40.90	94.6	38.83	91.3	36.89	85.5	34.90
	-13.7	-15	110.2	42.19	104.3	40.49	97.8	38.40	94.6	36.51	91.3	34.69	85.5	32.78
	-11.8	-13	110.2	40.51	104.3	38.81	97.8	36.82	94.6	35.02	91.3	33.30	85.5	31.45
	-9.8	-11	110.2	38.72	104.3	37.05	97.8	35.17	94.6	33.47	91.3	31.85	85.5	30.03
	-9.5	-10	110.2	38.45	104.3	36.79	97.8	34.93	94.6	33.23	91.3	31.62	85.5	29.82
	-8.5	-9.1	110.2	37.56	104.3	35.92	97.8	34.09	94.6	32.47	91.3	30.90	85.5	29.12
	-7.0	-7.6	110.2	36.24	104.3	34.60	97.8	32.85	94.6	31.29	91.3	29.80	85.5	28.07
	-5.0	-5.6	110.2	34.45	104.3	32.84	97.8	31.20	94.6	29.74	91.3	28.34	85.5	26.65
	-3.0	-3.7	110.2	32.68	104.3	31.08	97.8	29.54	94.6	28.19	91.3	26.87	85.5	25.24
	0.0	-0.7	110.2	30.00	104.3	28.42	97.8	27.05	94.6	25.85	91.3	24.69	85.5	23.14
	3.0	2.2	110.2	27.34	104.3	25.79	97.8	24.55	94.6	23.52	91.3	22.49	85.5	21.02
	5.0	4.1	110.2	25.57	104.3	24.03	97.8	22.90	94.6	21.97	91.3	21.04	85.5	19.61
	7.0	6	110.2	23.78	104.3	22.27	97.8	21.24	94.6	20.40	91.3	19.58	85.5	18.19
	9.0	7.9	110.2	21.22	104.3	19.88	97.8	18.94	94.6	18.22	91.3	17.47	85.5	16.24
	11.0	9.8	110.2	19.81	104.3	18.55	97.8	17.68	94.6	17.01	91.3	16.32	85.5	15.17
	13.0	11.8	110.2	18.55	104.3	17.37	97.8	16.58	94.6	15.94	91.3	15.27	85.5	14.20
	15.0	13.7	110.2	17.53	104.3	16.43	97.8	15.66	94.6	15.04	91.3	14.45	85.5	13.43
50	-24.8	-25	92.0	40.62	86.8	41.31	81.6	39.12	79.0	37.06	76.2	35.12	71.0	33.31
	-21.8	-22	92.0	41.31	86.8	39.12	81.6	37.06	79.0	35.12	76.2	33.31	71.0	31.56
	-19.8	-20	92.0	39.78	86.8	37.65	81.6	35.68	79.0	33.81	76.2	32.09	71.0	30.39
	-18.8	-19	92.0	39.01	86.8	36.90	81.6	35.01	79.0	33.17	76.2	31.50	71.0	29.83
	-16.7	-17	92.0	37.40	86.8	35.38	81.6	33.57	79.0	31.79	76.2	30.22	71.0	28.61
	-13.7	-15	92.0	35.10	86.8	33.16	81.6	31.49	79.0	29.85	76.2	28.41	71.0	26.86
	-11.8	-13	92.0	33.63	86.8	31.77	81.6	30.20	79.0	28.62	76.2	27.27	71.0	25.77
	-9.8	-11	92.0	32.10	86.8	30.30	81.6	28.82	79.0	27.32	76.2	26.05	71.0	24.60
	-9.5	-10	92.0	31.86	86.8	30.09	81.6	28.61	79.0	27.13	76.2	25.89	71.0	24.42
	-8.5	-9.1	92.0	31.10	86.8	29.34	81.6	27.94	79.0	26.49	76.2	25.28	71.0	23.84
	-7.0	-7.6	92.0	29.93	86.8	28.25	81.6	26.90	79.0	25.51	76.2	24.37	71.0	22.98
	-5.0	-5.6	92.0	28.40	86.8	26.78	81.6	25.54	79.0	24.22	76.2	23.17	71.0	21.82
	-3.0	-3.7	92.0	26.87	86.8	25.31	81.6	24.15	79.0	22.92	76.2	21.95	71.0	20.65
	0.0	-0.7	92.0	24.57	86.8	23.09	81.6	22.10	79.0	20.98	76.2	20.14	71.0	18.92
	3.0	2.2	92.0	22.25	86.8	20.90	81.6	20.04	79.0	19.03	76.2	18.33	71.0	17.17
	5.0	4.1	92.0	20.72	86.8	19.43	81.6	18.68	79.0	17.73	76.2	17.13	71.0	16.01
	7.0	6	92.0	19.19	86.8	17.96	81.6	17.30	79.0	16.43	76.2	15.91	71.0	14.86
	9.0	7.9	92.0	17.32	86.8	16.22	81.6	15.63	79.0	14.84	76.2	14.38	71.0	13.42
	11.0	9.8	92.0	16.22	86.8	15.17	81.6	14.61	79.0	13.89	76.2	13.45	71.0	12.55
	13.0	11.8	92.0	15.22	86.8	14.25	81.6	13.73	79.0	13.04	76.2	12.63	71.0	11.79
	15.0	13.7	92.0	14.40	86.8	13.48	81.6	12.99	79.0	12.33	76.2	11.96	71.0	11.15

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM540LTE5

Heating Capacity (54HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	106.3	55.51	106.3	55.78	105.6	56.02	105.6	56.38	105.6	56.73	103.6	57.26
	-21.8	-22	129.3	56.06	129.3	56.33	128.4	56.57	128.4	56.93	128.4	57.26	126.0	57.81
	-19.8	-20	136.5	56.42	136.5	56.69	135.5	56.93	135.5	57.29	135.5	57.62	133.0	58.17
	-18.8	-19	139.3	56.59	139.3	56.86	138.5	57.10	138.5	57.46	138.5	57.81	135.8	58.34
	-16.7	-17	145.7	56.98	145.7	57.25	144.8	57.49	144.8	57.85	144.8	58.18	142.1	58.73
	-13.7	-15	154.7	57.53	154.7	57.78	153.9	58.02	153.9	58.38	153.9	58.73	150.9	56.59
	-11.8	-13	159.8	57.86	159.8	58.13	158.8	58.37	158.8	58.73	158.8	57.29	156.4	55.23
	-9.8	-11	165.0	58.22	165.0	58.49	164.1	58.73	164.1	57.21	164.1	55.79	162.2	53.81
	-9.5	-10	166.1	58.29	166.1	58.54	165.0	58.49	165.0	56.99	165.0	55.55	163.1	53.59
	-8.5	-9.1	169.3	58.46	169.3	58.73	168.2	57.72	168.2	56.21	167.4	54.80	166.1	52.87
	-7.0	-7.6	174.1	58.73	174.1	57.61	173.0	56.56	173.0	55.06	173.0	53.67	170.5	51.80
	-5.0	-5.6	180.4	57.28	180.4	56.10	179.3	55.03	179.3	53.56	179.3	52.17	176.3	50.38
	-3.0	-3.7	186.8	55.86	186.8	54.60	185.7	53.48	185.7	52.03	185.7	50.65	182.1	48.94
	0.0	-0.7	196.3	53.71	196.3	52.37	195.2	51.15	195.2	49.75	195.2	48.39	190.6	46.80
	3.0	2.2	206.0	51.56	206.0	50.12	204.6	48.84	204.6	47.45	204.6	46.12	192.0	44.65
	5.0	4.1	212.4	50.13	212.4	48.61	211.1	47.29	211.1	45.95	206.3	44.60	192.0	43.23
	7.0	6	218.7	48.68	218.7	47.11	217.3	45.75	213.8	44.42	206.3	43.09	192.0	41.81
	9.0	7.9	219.8	47.50	219.8	45.98	219.2	44.65	213.8	43.35	206.3	42.05	192.0	40.79
	11.0	9.8	219.8	46.76	219.8	45.25	219.2	43.94	213.8	42.65	206.3	41.39	192.0	40.14
	13.0	11.8	219.8	45.93	219.8	44.46	219.2	43.16	213.8	41.91	206.3	40.66	192.0	39.44
	15.0	13.7	219.8	45.06	219.8	43.60	219.2	42.33	213.8	41.10	206.3	39.88	192.0	38.68
120	-24.8	-25	105.5	55.78	105.5	56.02	104.8	56.38	104.8	56.73	104.8	57.26	102.8	57.65
	-21.8	-22	128.4	56.33	128.4	56.57	127.6	56.93	127.6	57.26	127.6	57.81	125.2	58.18
	-19.8	-20	135.4	56.69	135.4	56.93	134.6	57.29	134.6	57.62	134.6	58.17	131.9	58.54
	-18.8	-19	138.5	56.86	138.5	57.10	137.6	57.46	137.6	57.81	137.6	58.34	134.9	58.73
	-16.7	-17	144.8	57.25	144.8	57.49	143.8	57.85	143.8	58.18	143.8	58.73	141.0	57.34
	-13.7	-15	153.6	57.78	153.6	58.02	152.8	58.38	152.8	58.73	152.8	56.67	149.8	55.38
	-11.8	-13	158.7	58.13	158.7	58.37	157.7	58.73	157.7	57.28	157.7	55.38	155.3	54.13
	-9.8	-11	163.9	58.49	163.9	58.73	162.8	57.15	162.8	55.76	162.8	54.02	161.1	52.82
	-9.5	-10	165.0	58.54	165.0	58.49	163.9	56.91	163.9	55.52	163.9	53.81	162.0	52.63
	-8.5	-9.1	168.0	58.73	168.0	57.64	167.1	56.11	167.1	54.77	167.1	53.13	165.0	51.96
	-7.0	-7.6	172.8	57.50	172.8	56.38	171.7	54.93	171.7	53.62	171.7	52.12	169.2	50.97
	-5.0	-5.6	179.2	55.84	179.2	54.71	177.9	53.32	177.9	52.09	177.9	50.75	175.2	49.66
	-3.0	-3.7	185.5	54.18	185.5	53.05	184.4	51.74	184.4	50.57	184.4	49.38	180.4	48.35
	0.0	-0.7	194.9	51.71	194.9	50.53	193.8	49.36	193.8	48.29	193.8	47.33	180.4	46.39
	3.0	2.2	204.6	49.21	204.6	48.01	203.2	46.97	200.4	46.01	194.1	45.29	180.4	44.41
	5.0	4.1	210.8	47.57	210.8	46.35	207.3	45.39	200.4	44.48	194.1	43.92	180.4	43.10
	7.0	6	217.3	45.91	215.7	44.67	207.3	43.79	200.4	42.96	194.1	42.56	180.4	41.79
	9.0	7.9	218.1	44.70	215.7	43.48	207.3	42.63	200.4	41.81	194.1	41.41	180.4	40.68
	11.0	9.8	218.1	43.87	215.7	42.67	207.3	41.82	200.4	41.02	194.1	40.65	180.4	39.93
	13.0	11.8	218.1	42.96	215.7	41.81	207.3	40.98	200.4	40.19	194.1	39.81	180.4	39.10
	15.0	13.7	218.1	42.01	215.7	40.86	207.3	40.07	200.4	39.30	194.1	38.92	180.4	38.23
110	-24.8	-25	105.0	56.02	105.0	56.38	104.2	56.73	104.2	57.26	104.2	57.65	102.3	57.82
	-21.8	-22	127.6	56.57	127.6	56.93	126.8	57.26	126.8	57.81	126.8	58.18	124.4	58.37
	-19.8	-20	134.7	56.93	134.7	57.29	133.8	57.62	133.8	58.17	133.8	58.54	131.2	58.73
	-18.8	-19	137.7	57.10	137.7	57.46	136.8	57.81	136.8	58.34	136.8	58.73	134.2	57.99
	-16.7	-17	144.0	57.49	144.0	57.85	143.0	58.18	143.0	58.73	143.0	57.23	140.2	56.46
	-13.7	-15	152.8	58.02	152.8	58.38	151.8	58.73	151.8	56.46	151.8	55.09	151.8	54.24
	-11.8	-13	157.7	58.37	157.7	58.73	156.9	57.13	156.9	55.04	156.9	53.73	156.9	52.85
	-9.8	-11	163.1	58.73	163.1	56.94	162.0	55.44	162.0	53.51	162.0	52.31	161.2	51.38
	-9.5	-10	163.9	58.44	163.9	56.65	163.1	55.20	163.1	53.30	163.1	52.09	162.3	51.16
	-8.5	-9.1	167.1	57.47	167.1	55.76	166.1	54.37	166.1	52.53	166.1	51.37	162.3	50.44
	-7.0	-7.6	172.0	56.00	172.0	54.40	170.9	53.09	170.9	51.40	170.9	50.30	162.3	49.34
	-5.0	-5.6	178.2	54.07	178.2	52.60	177.1	51.42	177.1	49.90	173.9	48.88	162.3	47.87
	-3.0	-3.7	184.4	52.14	184.4	50.81	183.3	49.74	179.8	48.38	173.9	47.44	162.3	46.40
	0.0	-0.7	193.9	49.23	193.9	48.10	186.0	47.22	179.8	46.10	173.9	45.30	162.3	44.19
	3.0	2.2	203.3	46.31	198.2	45.40	186.0	44.68	179.8	43.85	173.9	43.16	162.3	41.99
	5.0	4.1	209.7	44.38	198.2	43.61	186.0	43.02	179.8	42.33	173.9	41.74	162.3	40.52
	7.0	6	209.8	42.43	198.2	41.79	186.0	41.33	179.8	40.83	173.9	40.30	162.3	39.05
	9.0	7.9	209.8	41.11	198.2	40.50	186.0	40.05	179.8	39.57	173.9	39.04	162.3	37.84
	11.0	9.8	209.8	40.15	198.2	39.56	186.0	39.11	179.8	38.63	173.9	38.13	162.3	36.95
	13.0	11.8	209.8	39.12	198.2	38.54	186.0	38.11	179.8	37.63	173.9	37.15	162.3	36.01
	15.0	13.7	209.8	38.02	198.2	37.44	186.0	37.03	179.8	36.58	173.9	36.11	162.3	34.99

7. Capacity Tables

Heating Capacity (54HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	104.5	61.37	104.5	61.03	103.9	56.57	103.9	60.15	103.9	59.79	101.8	59.61
	-21.8	-22	127.1	60.85	127.1	60.49	126.3	58.34	126.3	59.63	126.3	60.00	123.9	59.09
	-19.8	-20	134.1	60.49	134.1	60.13	133.3	59.44	133.3	59.27	133.3	59.15	130.6	58.73
	-18.8	-19	137.1	60.31	136.3	59.97	136.3	59.63	136.3	59.09	136.3	58.73	133.6	57.82
	-16.7	-17	142.4	59.95	142.4	59.59	142.4	60.00	141.6	58.73	141.6	56.86	138.9	55.92
	-13.7	-15	152.0	59.41	152.0	59.07	151.2	58.73	151.2	56.03	151.2	54.19	148.3	53.20
	-11.8	-13	156.9	59.09	156.1	58.73	156.1	56.94	156.1	54.32	156.1	52.50	148.3	51.47
	-9.8	-11	162.3	58.73	162.3	56.72	161.4	55.04	161.4	52.53	159.3	50.72	148.3	49.65
	-9.5	-10	163.1	58.41	163.1	56.41	162.3	54.75	162.3	52.26	159.3	50.47	148.3	49.38
	-8.5	-9.1	166.3	57.37	166.3	55.41	165.5	53.81	164.7	51.35	159.3	49.57	148.3	48.47
	-7.0	-7.6	173.9	55.79	173.1	53.89	170.1	52.37	164.7	49.99	159.3	48.23	148.3	47.11
	-5.0	-5.6	181.4	53.68	179.6	51.88	170.1	50.47	164.7	48.20	159.3	46.46	148.3	45.31
	-3.0	-3.7	186.6	51.59	180.9	49.87	170.1	48.59	164.7	46.41	159.3	44.68	148.3	43.50
	0.0	-0.7	191.9	48.43	180.9	46.85	170.1	45.73	164.7	43.71	159.3	42.00	148.3	40.77
	3.0	2.2	191.9	45.27	180.9	43.83	170.1	42.90	164.7	41.01	159.3	39.35	148.3	38.05
	5.0	4.1	191.9	43.18	180.9	41.80	170.1	41.00	164.7	39.21	159.3	37.56	148.3	36.23
	7.0	6	191.9	41.07	180.9	39.79	170.1	39.10	164.7	37.40	159.3	35.80	148.3	34.42
	9.0	7.9	191.9	39.60	180.9	38.37	170.1	37.71	164.7	36.06	159.3	34.51	148.3	33.19
	11.0	9.8	191.9	38.47	180.9	37.25	170.1	36.61	164.7	35.02	159.3	33.50	148.3	32.23
	13.0	11.8	191.9	37.26	180.9	36.09	170.1	35.45	164.7	33.92	159.3	32.45	148.3	31.21
	15.0	13.7	191.9	35.97	180.9	34.83	170.1	34.22	164.7	32.76	159.3	31.33	148.3	30.13
90	-24.8	-25	104.2	54.89	104.2	55.42	103.4	55.81	103.4	55.98	103.4	56.36	101.5	56.89
	-21.8	-22	126.6	55.42	126.6	55.97	125.8	56.36	125.8	56.53	125.8	56.89	123.3	54.47
	-19.8	-20	133.6	55.80	133.6	56.33	132.8	56.72	132.8	56.89	132.8	55.24	130.3	52.88
	-18.8	-19	137.1	55.97	136.3	56.52	135.8	56.89	135.8	56.04	135.8	54.42	133.1	52.06
	-16.7	-17	142.4	56.36	142.4	56.89	141.8	55.14	141.8	54.26	141.8	52.70	135.5	50.36
	-13.7	-15	152.0	56.89	152.0	54.29	150.7	52.64	150.7	51.74	146.0	50.23	135.5	47.97
	-11.8	-13	156.9	55.11	156.1	52.65	155.5	51.06	150.9	50.12	146.0	48.66	135.5	46.43
	-9.8	-11	162.3	53.25	162.3	50.92	155.6	49.41	150.9	48.43	146.0	47.02	135.5	44.81
	-9.5	-10	163.1	52.96	163.1	50.66	155.6	49.14	150.9	48.16	146.0	46.78	135.5	44.57
	-8.5	-9.1	166.3	52.04	165.0	49.80	155.6	48.32	150.9	47.33	146.0	45.95	135.5	43.78
	-7.0	-7.6	173.9	50.63	165.3	48.51	155.6	47.07	150.9	46.06	146.0	44.71	135.5	42.56
	-5.0	-5.6	175.8	48.75	165.3	46.78	155.6	45.40	150.9	44.36	146.0	43.06	135.5	40.96
	-3.0	-3.7	175.8	46.89	165.3	45.03	155.6	43.73	150.9	42.67	146.0	41.42	135.5	39.34
	0.0	-0.7	175.8	44.08	165.3	42.44	155.6	41.24	150.9	40.12	146.0	38.95	135.5	36.93
	3.0	2.2	175.8	41.29	165.3	39.86	155.6	38.74	150.9	37.60	146.0	36.48	135.5	34.51
	5.0	4.1	175.8	39.41	165.3	38.11	155.6	37.07	150.9	35.90	146.0	34.84	135.5	32.90
	7.0	6	175.8	37.55	165.3	36.39	155.6	35.40	150.9	34.20	146.0	33.19	135.5	31.30
	9.0	7.9	175.8	35.78	165.3	34.68	155.6	33.75	150.9	32.59	146.0	31.63	135.5	29.82
	11.0	9.8	175.8	34.00	165.3	32.96	155.6	32.08	150.9	30.99	146.0	30.06	135.5	28.35
	13.0	11.8	175.8	32.25	165.3	31.26	155.6	30.41	150.9	29.37	146.0	28.50	135.5	26.87
	15.0	13.7	175.8	30.47	165.3	29.54	155.6	28.74	150.9	27.76	146.0	26.93	135.5	25.41
80	-24.8	-25	103.7	48.43	103.7	48.98	103.1	49.37	103.1	49.54	103.1	50.45	101.0	48.33
	-21.8	-22	125.2	48.98	125.2	49.53	125.2	49.90	125.2	50.45	125.2	48.33	121.2	46.29
	-19.8	-20	132.2	49.34	132.2	49.89	132.2	50.45	132.2	48.94	130.1	46.90	121.2	44.91
	-18.8	-19	135.2	49.53	135.2	50.45	135.2	49.69	134.8	48.20	130.1	46.21	121.2	44.24
	-16.7	-17	139.3	50.45	139.3	48.87	139.3	48.10	135.0	46.63	130.1	44.72	121.2	42.81
	-13.7	-15	145.5	48.12	142.8	46.61	139.3	45.82	135.0	44.38	130.1	42.60	121.2	40.77
	-11.8	-13	149.3	46.63	144.9	45.18	139.3	44.38	135.0	42.97	130.1	41.24	121.2	39.47
	-9.8	-11	153.3	45.07	146.9	43.69	139.3	42.87	135.0	41.46	130.1	39.84	121.2	38.11
	-9.5	-10	154.4	44.83	147.7	43.45	139.3	42.63	135.0	41.24	130.1	39.62	121.2	37.90
	-8.5	-9.1	155.8	44.06	148.2	42.71	139.3	41.88	135.0	40.48	130.1	38.91	121.2	37.23
	-7.0	-7.6	157.4	42.89	148.2	41.57	139.3	40.74	135.0	39.36	130.1	37.85	121.2	36.20
	-5.0	-5.6	157.4	41.33	148.2	40.08	139.3	39.23	135.0	37.87	130.1	36.42	121.2	34.84
	-3.0	-3.7	157.4	39.77	148.2	38.57	139.3	37.72	135.0	36.36	130.1	35.01	121.2	33.47
	0.0	-0.7	157.4	37.43	148.2	36.31	139.3	35.44	135.0	34.13	130.1	32.88	121.2	31.43
	3.0	2.2	157.4	35.10	148.2	34.06	139.3	33.16	135.0	31.88	130.1	30.76	121.2	29.40
	5.0	4.1	157.4	33.53	148.2	32.55	139.3	31.64	135.0	30.37	130.1	29.35	121.2	28.03
	7.0	6	157.4	31.97	148.2	31.04	139.3	30.13	135.0	28.88	130.1	27.92	121.2	26.67
	9.0	7.9	157.4	30.02	148.2	29.15	139.3	28.29	135.0	27.12	130.1	26.22	121.2	25.04
	11.0	9.8	157.4	27.87	148.2	27.07	139.3	26.27	135.0	25.16	130.1	24.33	121.2	23.24
	13.0	11.8	157.4	26.01	148.2	25.26	139.3	24.51	135.0	23.50	130.1	22.73	121.2	21.69
	15.0	13.7	157.4	24.49	148.2	23.77	139.3	23.08	135.0	22.12	130.1	21.40	121.2	20.42

7. Capacity Tables

Heating Capacity (54HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	103.7	48.18	103.7	48.37	103.1	48.73	103.1	49.26	103.1	46.95	101.0	44.77
	-21.8	-22	119.3	48.73	119.3	48.90	118.5	49.26	114.5	46.95	111.0	44.77	103.7	42.67
	-19.8	-20	129.8	49.09	126.1	49.26	118.5	47.64	114.5	45.41	111.0	43.34	103.7	41.27
	-18.8	-19	133.4	49.26	126.1	48.43	118.5	46.82	114.5	44.62	111.0	42.60	103.7	40.57
	-16.7	-17	133.4	47.53	126.1	46.66	118.5	45.12	114.5	43.00	111.0	41.08	103.7	39.09
	-13.7	-15	133.4	45.04	126.1	44.14	118.5	42.68	114.5	40.68	111.0	38.91	103.7	36.99
	-11.8	-13	133.4	43.45	126.1	42.54	118.5	41.13	114.5	39.20	111.0	37.53	103.7	35.66
	-9.8	-11	133.4	41.80	126.1	40.85	118.5	39.49	114.5	37.66	111.0	36.09	103.7	34.26
	-9.5	-10	133.4	41.54	126.1	40.61	118.5	39.25	114.5	37.42	111.0	35.87	103.7	34.05
	-8.5	-9.1	133.4	40.71	126.1	39.76	118.5	38.45	114.5	36.65	111.0	35.14	103.7	33.35
	-7.0	-7.6	133.4	39.47	126.1	38.51	118.5	37.23	114.5	35.50	111.0	34.05	103.7	32.29
	-5.0	-5.6	133.4	37.82	126.1	36.81	118.5	35.59	114.5	33.94	111.0	32.61	103.7	30.91
	-3.0	-3.7	133.4	36.15	126.1	35.14	118.5	33.97	114.5	32.40	111.0	31.15	103.7	29.50
	0.0	-0.7	133.4	33.65	126.1	32.62	118.5	31.53	114.5	30.09	111.0	28.98	103.7	27.40
	3.0	2.2	133.4	31.16	126.1	30.09	118.5	29.08	114.5	27.75	111.0	26.82	103.7	25.28
	5.0	4.1	133.4	29.51	126.1	28.40	118.5	27.46	114.5	26.21	111.0	25.36	103.7	23.90
	7.0	6	133.4	27.84	126.1	26.72	118.5	25.82	114.5	24.67	111.0	23.93	103.7	22.49
	9.0	7.9	133.4	25.15	126.1	24.14	118.5	23.32	114.5	22.28	111.0	21.59	103.7	20.31
	11.0	9.8	133.4	23.42	126.1	22.47	118.5	21.72	114.5	20.73	111.0	20.12	103.7	18.90
	13.0	11.8	133.4	21.91	126.1	21.03	118.5	20.31	114.5	19.40	111.0	18.82	103.7	17.70
	15.0	13.7	133.4	20.65	126.1	19.83	118.5	19.16	114.5	18.29	111.0	17.73	103.7	16.69
60	-24.8	-25	102.3	47.68	102.3	48.04	101.5	48.59	98.3	46.08	94.8	43.73	88.8	41.53
	-21.8	-22	109.6	48.23	108.3	48.59	101.5	46.08	98.3	43.73	94.8	41.53	88.8	39.39
	-19.8	-20	114.5	48.59	108.3	46.82	101.5	44.42	98.3	42.17	94.8	40.06	88.8	37.97
	-18.8	-19	114.5	47.70	108.3	45.95	101.5	43.59	98.3	41.40	94.8	39.32	88.8	37.25
	-16.7	-17	114.5	45.82	108.3	44.08	101.5	41.83	98.3	39.74	94.8	37.78	88.8	35.77
	-13.7	-15	114.5	43.15	108.3	41.43	101.5	39.32	98.3	37.41	94.8	35.56	88.8	33.63
	-11.8	-13	114.5	41.46	108.3	39.75	101.5	37.74	98.3	35.91	94.8	34.16	88.8	32.28
	-9.8	-11	114.5	39.67	108.3	37.98	101.5	36.07	98.3	34.35	94.8	32.70	88.8	30.85
	-9.5	-10	114.5	39.41	108.3	37.71	101.5	35.83	98.3	34.11	94.8	32.47	88.8	30.64
	-8.5	-9.1	114.5	38.51	108.3	36.84	101.5	34.99	98.3	33.34	94.8	31.75	88.8	29.93
	-7.0	-7.6	114.5	37.19	108.3	35.52	101.5	33.74	98.3	32.15	94.8	30.64	88.8	28.87
	-5.0	-5.6	114.5	35.39	108.3	33.75	101.5	32.08	98.3	30.59	94.8	29.17	88.8	27.44
	-3.0	-3.7	114.5	33.62	108.3	31.98	101.5	30.41	98.3	29.03	94.8	27.69	88.8	26.01
	0.0	-0.7	114.5	30.93	108.3	29.31	101.5	27.90	98.3	26.68	94.8	25.49	88.8	23.89
	3.0	2.2	114.5	28.26	108.3	26.67	101.5	25.39	98.3	24.33	94.8	23.27	88.8	21.75
	5.0	4.1	114.5	26.49	108.3	24.90	101.5	23.73	98.3	22.77	94.8	21.81	88.8	20.33
	7.0	6	114.5	24.70	108.3	23.13	101.5	22.06	98.3	21.19	94.8	20.34	88.8	18.90
	9.0	7.9	114.5	22.04	108.3	20.65	101.5	19.67	98.3	18.92	94.8	18.15	88.8	16.87
	11.0	9.8	114.5	20.58	108.3	19.27	101.5	18.37	98.3	17.67	94.8	16.95	88.8	15.76
	13.0	11.8	114.5	19.27	108.3	18.05	101.5	17.22	98.3	16.55	94.8	15.87	88.8	14.75
	15.0	13.7	114.5	18.21	108.3	17.06	101.5	16.26	98.3	15.63	94.8	15.01	88.8	13.95
50	-24.8	-25	95.6	41.34	90.2	41.87	84.7	39.69	82.0	37.64	79.1	35.71	73.7	33.90
	-21.8	-22	95.6	41.87	90.2	39.69	84.7	37.64	82.0	35.71	79.1	33.90	73.7	32.15
	-19.8	-20	95.6	40.36	90.2	38.23	84.7	36.27	82.0	34.41	79.1	32.68	73.7	30.98
	-18.8	-19	95.6	39.59	90.2	37.49	84.7	35.60	82.0	33.77	79.1	32.09	73.7	30.42
	-16.7	-17	95.6	37.99	90.2	35.97	84.7	34.16	82.0	32.39	79.1	30.82	73.7	29.20
	-13.7	-15	95.6	35.71	90.2	33.77	84.7	32.10	82.0	30.45	79.1	29.01	73.7	27.45
	-11.8	-13	95.6	34.25	90.2	32.39	84.7	30.82	82.0	29.23	79.1	27.87	73.7	26.35
	-9.8	-11	95.6	32.73	90.2	30.93	84.7	29.44	82.0	27.93	79.1	26.65	73.7	25.19
	-9.5	-10	95.6	32.50	90.2	30.71	84.7	29.23	82.0	27.74	79.1	26.49	73.7	25.00
	-8.5	-9.1	95.6	31.75	90.2	29.97	84.7	28.56	82.0	27.10	79.1	25.88	73.7	24.42
	-7.0	-7.6	95.6	30.59	90.2	28.88	84.7	27.53	82.0	26.12	79.1	24.98	73.7	23.57
	-5.0	-5.6	95.6	29.07	90.2	27.42	84.7	26.17	82.0	24.84	79.1	23.78	73.7	22.40
	-3.0	-3.7	95.6	27.55	90.2	25.96	84.7	24.79	82.0	23.54	79.1	22.56	73.7	21.23
	0.0	-0.7	95.6	25.27	90.2	23.76	84.7	22.75	82.0	21.60	79.1	20.75	73.7	19.50
	3.0	2.2	95.6	22.97	90.2	21.58	84.7	20.70	82.0	19.66	79.1	18.95	73.7	17.75
	5.0	4.1	95.6	21.45	90.2	20.12	84.7	19.34	82.0	18.36	79.1	17.75	73.7	16.58
	7.0	6	95.6	19.93	90.2	18.66	84.7	17.97	82.0	17.06	79.1	16.53	73.7	15.44
	9.0	7.9	95.6	17.99	90.2	16.85	84.7	16.23	82.0	15.41	79.1	14.93	73.7	13.94
	11.0	9.8	95.6	16.85	90.2	15.76	84.7	15.17	82.0	14.43	79.1	13.97	73.7	13.04
	13.0	11.8	95.6	15.81	90.2	14.80	84.7	14.26	82.0	13.55	79.1	13.12	73.7	12.24
	15.0	13.7	95.6	14.96	90.2	14.00	84.7	13.49	82.0	12.81	79.1	12.43	73.7	11.58

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM560LTE5

Heating Capacity (56HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	107.7	57.24	107.7	57.66	106.9	58.02	106.9	58.57	106.9	59.09	105.5	59.91
	-21.8	-22	131.2	58.08	131.2	58.49	130.4	58.85	130.4	59.40	130.4	59.91	128.6	60.74
	-19.8	-20	138.7	58.62	138.7	59.04	137.7	59.40	137.7	59.94	137.7	60.45	135.9	61.28
	-18.8	-19	141.7	58.89	141.7	59.30	140.9	59.66	140.9	60.21	140.9	60.74	138.9	61.55
	-16.7	-17	148.3	59.47	148.3	59.89	147.5	60.25	147.5	60.79	147.5	61.30	145.5	62.13
	-13.7	-15	157.8	60.30	157.8	60.70	156.9	61.06	156.9	61.60	156.9	62.13	154.7	59.92
	-11.8	-13	163.1	60.81	163.1	61.23	162.0	61.59	162.0	62.13	162.0	60.65	160.2	58.52
	-9.8	-11	168.5	61.36	168.5	61.77	167.6	62.13	167.6	60.57	167.6	59.10	166.0	57.05
	-9.5	-10	169.8	61.45	169.8	61.85	168.7	61.89	168.7	60.34	168.4	58.86	166.8	56.83
	-8.5	-9.1	174.1	61.72	174.1	62.13	173.0	61.10	173.0	59.55	171.0	58.08	169.8	56.08
	-7.0	-7.6	180.6	62.13	180.6	60.99	179.4	59.92	179.4	58.37	179.4	56.92	175.4	54.98
	-5.0	-5.6	189.0	60.68	189.0	59.46	187.8	58.35	187.8	56.83	187.8	55.38	181.5	53.51
	-3.0	-3.7	197.6	59.24	197.6	57.94	196.4	56.77	196.4	55.26	196.4	53.81	187.6	52.02
	0.0	-0.7	210.3	57.07	210.3	55.67	209.0	54.39	207.9	52.92	205.7	51.49	196.9	49.81
	3.0	2.2	217.7	54.90	217.7	53.38	216.5	52.03	214.9	50.57	212.7	49.15	199.1	47.60
	5.0	4.1	222.5	53.47	222.5	51.86	221.3	50.44	219.7	49.02	213.9	47.58	199.1	46.13
	7.0	6	227.1	52.01	227.1	50.33	225.9	48.88	221.7	47.45	213.9	46.04	199.1	44.67
	9.0	7.9	227.9	50.82	227.9	49.20	227.3	47.77	221.7	46.38	213.9	44.99	199.1	43.65
	11.0	9.8	227.9	50.12	227.9	48.49	227.3	47.09	221.7	45.70	213.9	44.36	199.1	43.02
	13.0	11.8	227.9	49.31	227.9	47.73	227.3	46.34	221.7	45.00	213.9	43.65	199.1	42.34
	15.0	13.7	227.9	48.47	227.9	46.90	227.3	45.53	221.7	44.21	213.9	42.89	199.1	41.61
120	-24.8	-25	106.9	57.66	106.9	58.02	106.1	58.57	106.1	59.09	106.1	59.91	104.7	60.49
	-21.8	-22	130.4	58.49	130.4	58.85	129.6	59.40	129.6	59.91	129.6	60.74	127.8	61.30
	-19.8	-20	137.7	59.04	137.7	59.40	136.8	59.94	136.8	60.45	136.8	61.28	134.8	61.85
	-18.8	-19	140.8	59.30	140.8	59.66	140.0	60.21	140.0	60.74	140.0	61.55	138.0	62.13
	-16.7	-17	147.4	59.89	147.4	60.25	146.4	60.79	146.4	61.30	146.4	62.13	144.4	60.70
	-13.7	-15	156.7	60.70	156.7	61.06	155.8	61.60	155.8	62.13	155.8	60.01	153.6	58.68
	-11.8	-13	162.0	61.23	162.0	61.59	160.9	62.13	160.9	60.64	160.9	58.68	159.1	57.38
	-9.8	-11	167.3	61.77	167.3	62.13	166.2	60.51	166.2	59.07	166.2	57.28	164.8	56.03
	-9.5	-10	168.7	61.85	168.7	61.88	167.6	60.26	167.6	58.83	167.6	57.06	166.0	55.83
	-8.5	-9.1	172.8	62.13	172.8	61.01	171.9	59.44	171.9	58.05	171.4	56.37	169.6	55.14
	-7.0	-7.6	179.2	60.87	179.2	59.72	178.1	58.22	178.1	56.87	176.2	55.31	174.0	54.12
	-5.0	-5.6	187.8	59.18	187.8	58.01	186.4	56.58	186.4	55.30	186.4	53.91	180.3	52.77
	-3.0	-3.7	196.1	57.48	196.1	56.31	195.0	54.95	195.0	53.73	194.1	52.50	186.4	51.41
	0.0	-0.7	208.8	54.96	208.3	53.73	205.0	52.50	203.0	51.38	201.1	50.38	187.0	49.39
	3.0	2.2	216.2	52.42	215.5	51.15	212.0	50.05	207.8	49.03	201.3	48.28	187.0	47.35
	5.0	4.1	220.8	50.74	220.1	49.44	215.0	48.42	207.8	47.46	201.3	46.87	187.0	46.00
	7.0	6	225.6	49.05	223.7	47.72	215.0	46.78	207.8	45.89	201.3	45.46	187.0	44.64
	9.0	7.9	226.2	47.82	223.7	46.52	215.0	45.60	207.8	44.73	201.3	44.30	187.0	43.52
	11.0	9.8	226.2	47.00	223.7	45.72	215.0	44.81	207.8	43.96	201.3	43.55	187.0	42.78
	13.0	11.8	226.2	46.10	223.7	44.87	215.0	43.98	207.8	43.13	201.3	42.73	187.0	41.96
	15.0	13.7	226.2	45.16	223.7	43.94	215.0	43.08	207.8	42.25	201.3	41.85	187.0	41.11
110	-24.8	-25	106.3	58.02	106.3	58.57	105.6	59.09	105.6	59.91	105.6	60.49	104.2	60.76
	-21.8	-22	129.6	58.85	129.6	59.40	128.8	59.91	128.8	60.74	128.8	61.30	127.0	61.59
	-19.8	-20	136.9	59.40	136.9	59.94	136.0	60.45	136.0	61.28	136.0	61.85	134.0	62.13
	-18.8	-19	140.0	59.66	140.0	60.21	139.2	60.74	139.2	61.55	139.2	62.13	137.2	61.36
	-16.7	-17	146.6	60.25	146.6	60.79	145.6	61.30	145.6	62.13	145.6	60.58	143.6	59.77
	-13.7	-15	155.9	61.06	155.9	61.60	154.8	62.13	154.8	59.78	154.8	58.37	154.8	57.48
	-11.8	-13	160.9	61.59	160.9	62.13	160.1	60.48	160.1	58.31	160.1	56.95	160.1	56.03
	-9.8	-11	166.5	62.13	166.5	60.28	165.4	58.74	165.4	56.74	165.4	55.48	164.6	54.51
	-9.5	-10	167.6	61.83	167.6	59.98	166.8	58.48	166.8	56.51	166.8	55.26	166.2	54.28
	-8.5	-9.1	171.9	60.84	171.9	59.07	170.8	57.62	170.8	55.72	170.5	54.52	167.7	53.53
	-7.0	-7.6	178.3	59.32	178.3	57.66	177.2	56.30	177.2	54.55	175.7	53.41	168.3	52.39
	-5.0	-5.6	186.7	57.33	186.7	55.81	185.5	54.58	184.5	53.00	179.4	51.94	168.3	50.87
	-3.0	-3.7	195.0	55.34	195.0	53.95	190.9	52.84	186.5	51.42	180.3	50.45	168.3	49.34
	0.0	-0.7	205.7	52.33	202.3	51.16	192.9	50.24	186.5	49.07	180.3	48.23	168.3	47.04
	3.0	2.2	212.7	49.33	205.5	48.37	192.9	47.62	186.5	46.74	180.3	46.01	168.3	44.77
	5.0	4.1	217.5	47.34	205.5	46.52	192.9	45.90	186.5	45.17	180.3	44.54	168.3	43.24
	7.0	6	217.5	45.33	205.5	44.64	192.9	44.16	186.5	43.62	180.3	43.05	168.3	41.72
	9.0	7.9	217.5	43.98	205.5	43.33	192.9	42.84	186.5	42.33	180.3	41.77	168.3	40.48
	11.0	9.8	217.5	43.01	205.5	42.38	192.9	41.90	186.5	41.39	180.3	40.85	168.3	39.59
	13.0	11.8	217.5	41.98	205.5	41.36	192.9	40.90	186.5	40.39	180.3	39.87	168.3	38.64
	15.0	13.7	217.5	40.87	205.5	40.25	192.9	39.81	186.5	39.33	180.3	38.82	168.3	37.62

7. Capacity Tables

Heating Capacity (56HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	105.8	63.59	105.8	63.40	105.2	59.31	105.2	62.91	105.2	62.72	103.6	62.62
	-21.8	-22	129.0	63.30	129.0	63.10	128.2	61.18	128.2	62.63	128.2	63.20	126.4	62.34
	-19.8	-20	136.3	63.10	136.3	62.90	135.5	62.35	135.5	62.43	135.5	62.49	133.5	62.13
	-18.8	-19	139.5	63.00	138.6	62.82	138.6	62.63	138.6	62.33	138.6	62.13	136.6	61.19
	-16.7	-17	145.0	62.81	145.0	62.61	145.0	63.20	144.2	62.13	144.2	60.19	142.2	59.20
	-13.7	-15	155.1	62.50	155.1	62.32	154.2	62.13	154.2	59.33	154.2	57.40	152.0	56.36
	-11.8	-13	160.1	62.34	159.3	62.13	159.3	60.27	159.3	57.55	159.3	55.65	153.5	54.55
	-9.8	-11	165.6	62.13	165.6	60.05	164.8	58.30	164.8	55.68	163.2	53.79	153.7	52.66
	-9.5	-10	166.8	61.80	166.8	59.73	166.0	58.00	166.0	55.40	163.8	53.53	153.7	52.38
	-8.5	-9.1	171.0	60.72	171.0	58.69	170.2	57.03	170.8	54.46	165.2	52.59	153.7	51.43
	-7.0	-7.6	180.3	59.09	179.5	57.12	176.4	55.53	170.8	53.05	165.2	51.19	153.7	50.01
	-5.0	-5.6	188.2	56.91	186.2	55.04	176.4	53.56	170.8	51.18	165.2	49.35	153.7	48.14
	-3.0	-3.7	193.5	54.75	187.6	52.96	176.4	51.62	170.8	49.32	165.2	47.49	153.7	46.24
	0.0	-0.7	199.1	51.48	187.6	49.82	176.4	48.65	170.8	46.51	165.2	44.71	153.7	43.40
	3.0	2.2	199.1	48.22	187.6	46.69	176.4	45.71	170.8	43.70	165.2	41.94	153.7	40.56
	5.0	4.1	199.1	46.06	187.6	44.59	176.4	43.74	170.8	41.84	165.2	40.08	153.7	38.66
	7.0	6	199.1	43.88	187.6	42.51	176.4	41.77	170.8	39.95	165.2	38.24	153.7	36.77
	9.0	7.9	199.1	42.32	187.6	41.01	176.4	40.30	170.8	38.54	165.2	36.89	153.7	35.47
	11.0	9.8	199.1	41.13	187.6	39.83	176.4	39.15	170.8	37.45	165.2	35.83	153.7	34.46
	13.0	11.8	199.1	39.86	187.6	38.61	176.4	37.93	170.8	36.29	165.2	34.72	153.7	33.39
	15.0	13.7	199.1	38.51	187.6	37.29	176.4	36.64	170.8	35.07	165.2	33.54	153.7	32.26
90	-24.8	-25	105.5	56.88	105.5	57.69	104.7	58.28	104.7	58.54	104.7	59.11	103.3	59.92
	-21.8	-22	128.5	57.69	128.5	58.52	127.7	59.11	127.7	59.37	127.7	59.92	125.9	57.42
	-19.8	-20	135.8	58.26	135.8	59.07	134.9	59.65	134.9	59.92	134.9	58.22	133.1	55.77
	-18.8	-19	139.5	58.52	138.6	59.35	138.1	59.92	138.1	59.04	138.1	57.37	136.1	54.92
	-16.7	-17	145.0	59.11	145.0	59.92	144.4	58.12	144.4	57.21	144.4	55.59	139.6	53.16
	-13.7	-15	155.1	59.92	155.1	57.25	153.7	55.55	153.7	54.61	150.3	53.04	140.6	50.68
	-11.8	-13	160.1	58.10	159.3	55.56	158.7	53.92	155.3	52.94	151.4	51.43	140.6	49.09
	-9.8	-11	165.6	56.19	165.6	53.79	160.2	52.22	156.5	51.19	151.4	49.73	140.6	47.42
	-9.5	-10	166.8	55.90	166.8	53.52	160.8	51.95	156.5	50.92	151.4	49.48	140.6	47.17
	-8.5	-9.1	171.0	54.95	169.7	52.64	161.3	51.10	156.5	50.07	151.4	48.63	140.6	46.35
	-7.0	-7.6	180.3	53.51	171.4	51.31	161.3	49.82	156.5	48.76	151.4	47.35	140.6	45.09
	-5.0	-5.6	182.3	51.58	171.4	49.54	161.3	48.10	156.5	47.01	151.4	45.65	140.6	43.43
	-3.0	-3.7	182.3	49.68	171.4	47.75	161.3	46.39	156.5	45.26	151.4	43.95	140.6	41.76
	0.0	-0.7	182.3	46.80	171.4	45.08	161.3	43.82	156.5	42.64	151.4	41.40	140.6	39.26
	3.0	2.2	182.3	43.95	171.4	42.43	161.3	41.26	156.5	40.04	151.4	38.85	140.6	36.76
	5.0	4.1	182.3	42.02	171.4	40.64	161.3	39.54	156.5	38.29	151.4	37.15	140.6	35.09
	7.0	6	182.3	40.12	171.4	38.87	161.3	37.82	156.5	36.54	151.4	35.46	140.6	33.44
	9.0	7.9	182.3	38.29	171.4	37.12	161.3	36.12	156.5	34.88	151.4	33.85	140.6	31.91
	11.0	9.8	182.3	36.47	171.4	35.35	161.3	34.41	156.5	33.24	151.4	32.24	140.6	30.41
	13.0	11.8	182.3	34.66	171.4	33.60	161.3	32.69	156.5	31.57	151.4	30.63	140.6	28.88
	15.0	13.7	182.3	32.84	171.4	31.83	161.3	30.97	156.5	29.91	151.4	29.02	140.6	27.38
80	-24.8	-25	105.0	50.08	105.0	50.91	104.4	51.50	104.4	51.76	104.4	53.14	102.8	50.94
	-21.8	-22	127.1	50.91	127.1	51.74	127.1	52.31	127.1	53.14	127.1	50.94	123.9	48.82
	-19.8	-20	134.4	51.46	134.4	52.29	134.4	53.14	134.4	51.58	132.6	49.46	125.7	47.40
	-18.8	-19	137.5	51.74	137.5	53.14	137.5	52.35	137.1	50.81	133.5	48.74	125.7	46.70
	-16.7	-17	142.4	53.14	142.4	51.50	142.4	50.71	139.2	49.19	135.0	47.21	125.7	45.22
	-13.7	-15	150.9	50.74	148.1	49.18	144.5	48.36	140.0	46.86	135.0	45.01	125.7	43.10
	-11.8	-13	154.8	49.22	150.3	47.71	144.5	46.88	140.0	45.41	135.0	43.61	125.7	41.76
	-9.8	-11	158.6	47.61	152.1	46.18	144.5	45.32	140.0	43.85	135.0	42.15	125.7	40.35
	-9.5	-10	159.7	47.37	153.0	45.93	144.5	45.07	140.0	43.62	135.0	41.93	125.7	40.13
	-8.5	-9.1	161.3	46.57	153.7	45.17	144.5	44.30	140.0	42.84	135.0	41.19	125.7	39.44
	-7.0	-7.6	163.2	45.37	153.7	44.00	144.5	43.13	140.0	41.68	135.0	40.10	125.7	38.37
	-5.0	-5.6	163.2	43.77	153.7	42.46	144.5	41.57	140.0	40.14	135.0	38.62	125.7	36.96
	-3.0	-3.7	163.2	42.16	153.7	40.91	144.5	40.01	140.0	38.58	135.0	37.16	125.7	35.54
	0.0	-0.7	163.2	39.76	153.7	38.59	144.5	37.66	140.0	36.28	135.0	34.96	125.7	33.42
	3.0	2.2	163.2	37.36	153.7	36.27	144.5	35.31	140.0	33.95	135.0	32.77	125.7	31.32
	5.0	4.1	163.2	35.76	153.7	34.71	144.5	33.75	140.0	32.39	135.0	31.31	125.7	29.90
	7.0	6	163.2	34.15	153.7	33.16	144.5	32.19	140.0	30.85	135.0	29.83	125.7	28.49
	9.0	7.9	163.2	32.07	153.7	31.14	144.5	30.23	140.0	28.97	135.0	28.01	125.7	26.75
	11.0	9.8	163.2	29.77	153.7	28.91	144.5	28.06	140.0	26.87	135.0	25.99	125.7	24.82
	13.0	11.8	163.2	27.78	153.7	26.98	144.5	26.19	140.0	25.10	135.0	24.28	125.7	23.17
	15.0	13.7	163.2	26.16	153.7	25.39	144.5	24.65	140.0	23.63	135.0	22.86	125.7	21.81

7. Capacity Tables

Heating Capacity (56HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	105.0	50.05	105.0	50.33	104.4	50.88	104.4	51.69	104.4	49.30	102.8	47.06
	-21.8	-22	122.5	50.88	122.8	51.14	121.9	51.69	118.7	49.30	115.1	47.06	107.5	44.89
	-19.8	-20	132.2	51.42	129.6	51.69	122.9	50.02	118.7	47.72	115.1	45.58	107.5	43.44
	-18.8	-19	135.9	51.69	130.5	50.84	122.9	49.18	118.7	46.90	115.1	44.82	107.5	42.72
	-16.7	-17	138.0	49.92	130.7	49.02	122.9	47.43	118.7	45.23	115.1	43.25	107.5	41.19
	-13.7	-15	138.3	47.36	130.7	46.43	122.9	44.92	118.7	42.85	115.1	41.01	107.5	39.02
	-11.8	-13	138.3	45.73	130.7	44.79	122.9	43.33	118.7	41.32	115.1	39.59	107.5	37.64
	-9.8	-11	138.3	44.04	130.7	43.05	122.9	41.64	118.7	39.73	115.1	38.10	107.5	36.19
	-9.5	-10	138.3	43.78	130.7	42.80	122.9	41.40	118.7	39.49	115.1	37.88	107.5	35.97
	-8.5	-9.1	138.3	42.93	130.7	41.93	122.9	40.57	118.7	38.70	115.1	37.12	107.5	35.25
	-7.0	-7.6	138.3	41.65	130.7	40.65	122.9	39.32	118.7	37.51	115.1	36.00	107.5	34.16
	-5.0	-5.6	138.3	39.96	130.7	38.91	122.9	37.63	118.7	35.91	115.1	34.52	107.5	32.73
	-3.0	-3.7	138.3	38.25	130.7	37.19	122.9	35.96	118.7	34.32	115.1	33.01	107.5	31.27
	0.0	-0.7	138.3	35.70	130.7	34.60	122.9	33.45	118.7	31.93	115.1	30.77	107.5	29.10
	3.0	2.2	138.3	33.14	130.7	32.01	122.9	30.94	118.7	29.53	115.1	28.54	107.5	26.91
	5.0	4.1	138.3	31.45	130.7	30.27	122.9	29.27	118.7	27.94	115.1	27.04	107.5	25.48
	7.0	6	138.3	29.74	130.7	28.55	122.9	27.59	118.7	26.35	115.1	25.56	107.5	24.03
	9.0	7.9	138.3	26.87	130.7	25.79	122.9	24.91	118.7	23.80	115.1	23.06	107.5	21.69
	11.0	9.8	138.3	25.02	130.7	24.00	122.9	23.20	118.7	22.15	115.1	21.49	107.5	20.19
	13.0	11.8	138.3	23.40	130.7	22.46	122.9	21.70	118.7	20.73	115.1	20.10	107.5	18.91
	15.0	13.7	138.3	22.06	130.7	21.18	122.9	20.47	118.7	19.54	115.1	18.94	107.5	17.82
60	-24.8	-25	103.8	49.36	103.8	49.91	103.0	50.74	100.6	48.17	98.0	45.76	92.1	43.50
	-21.8	-22	112.7	50.19	112.3	50.74	105.3	48.17	101.9	45.76	98.3	43.50	92.1	41.30
	-19.8	-20	118.7	50.74	112.3	48.93	105.3	46.46	101.9	44.16	98.3	41.98	92.1	39.83
	-18.8	-19	118.7	49.82	112.3	48.03	105.3	45.62	101.9	43.37	98.3	41.22	92.1	39.09
	-16.7	-17	118.7	47.91	112.3	46.12	105.3	43.81	101.9	41.66	98.3	39.64	92.1	37.56
	-13.7	-15	118.7	45.19	112.3	43.42	105.3	41.24	101.9	39.27	98.3	37.37	92.1	35.36
	-11.8	-13	118.7	43.47	112.3	41.69	105.3	39.62	101.9	37.73	98.3	35.93	92.1	33.97
	-9.8	-11	118.7	41.64	112.3	39.89	105.3	37.91	101.9	36.13	98.3	34.43	92.1	32.50
	-9.5	-10	118.7	41.37	112.3	39.62	105.3	37.67	101.9	35.89	98.3	34.19	92.1	32.28
	-8.5	-9.1	118.7	40.46	112.3	38.72	105.3	36.80	101.9	35.10	98.3	33.45	92.1	31.55
	-7.0	-7.6	118.7	39.11	112.3	37.37	105.3	35.53	101.9	33.88	98.3	32.31	92.1	30.46
	-5.0	-5.6	118.7	37.29	112.3	35.56	105.3	33.82	101.9	32.28	98.3	30.79	92.1	28.99
	-3.0	-3.7	118.7	35.48	112.3	33.75	105.3	32.12	101.9	30.68	98.3	29.28	92.1	27.52
	0.0	-0.7	118.7	32.74	112.3	31.03	105.3	29.55	101.9	28.27	98.3	27.02	92.1	25.33
	3.0	2.2	118.7	30.02	112.3	28.33	105.3	26.98	101.9	25.86	98.3	24.74	92.1	23.13
	5.0	4.1	118.7	28.21	112.3	26.52	105.3	25.28	101.9	24.26	98.3	23.24	92.1	21.66
	7.0	6	118.7	26.39	112.3	24.71	105.3	23.57	101.9	22.64	98.3	21.72	92.1	20.19
	9.0	7.9	118.7	23.54	112.3	22.06	105.3	21.02	101.9	20.21	98.3	19.39	92.1	18.03
	11.0	9.8	118.7	21.98	112.3	20.59	105.3	19.62	101.9	18.88	98.3	18.11	92.1	16.83
	13.0	11.8	118.7	20.59	112.3	19.28	105.3	18.40	101.9	17.68	98.3	16.95	92.1	15.76
	15.0	13.7	118.7	19.45	112.3	18.23	105.3	17.38	101.9	16.69	98.3	16.03	92.1	14.90
50	-24.8	-25	99.1	43.29	93.5	44.10	87.9	41.83	85.1	39.70	82.1	37.67	76.5	35.79
	-21.8	-22	99.1	44.10	93.5	41.83	87.9	39.70	85.1	37.67	82.1	35.79	76.5	33.96
	-19.8	-20	99.1	42.52	93.5	40.31	87.9	38.26	85.1	36.32	82.1	34.52	76.5	32.74
	-18.8	-19	99.1	41.73	93.5	39.54	87.9	37.57	85.1	35.65	82.1	33.90	76.5	32.15
	-16.7	-17	99.1	40.07	93.5	37.96	87.9	36.07	85.1	34.22	82.1	32.58	76.5	30.87
	-13.7	-15	99.1	37.69	93.5	35.67	87.9	33.92	85.1	32.19	82.1	30.69	76.5	29.04
	-11.8	-13	99.1	36.18	93.5	34.23	87.9	32.58	85.1	30.92	82.1	29.50	76.5	27.90
	-9.8	-11	99.1	34.60	93.5	32.71	87.9	31.15	85.1	29.56	82.1	28.23	76.5	26.68
	-9.5	-10	99.1	34.36	93.5	32.48	87.9	30.93	85.1	29.37	82.1	28.05	76.5	26.49
	-8.5	-9.1	99.1	33.58	93.5	31.71	87.9	30.23	85.1	28.70	82.1	27.42	76.5	25.88
	-7.0	-7.6	99.1	32.37	93.5	30.58	87.9	29.16	85.1	27.68	82.1	26.48	76.5	24.99
	-5.0	-5.6	99.1	30.79	93.5	29.06	87.9	27.74	85.1	26.34	82.1	25.22	76.5	23.77
	-3.0	-3.7	99.1	29.22	93.5	27.54	87.9	26.31	85.1	24.99	82.1	23.95	76.5	22.55
	0.0	-0.7	99.1	26.84	93.5	25.24	87.9	24.18	85.1	22.96	82.1	22.07	76.5	20.74
	3.0	2.2	99.1	24.45	93.5	22.97	87.9	22.04	85.1	20.94	82.1	20.18	76.5	18.91
	5.0	4.1	99.1	22.87	93.5	21.45	87.9	20.63	85.1	19.58	82.1	18.93	76.5	17.69
	7.0	6	99.1	21.29	93.5	19.93	87.9	19.19	85.1	18.23	82.1	17.66	76.5	16.49
	9.0	7.9	99.1	19.22	93.5	18.00	87.9	17.34	85.1	16.46	82.1	15.95	76.5	14.90
	11.0	9.8	99.1	17.99	93.5	16.84	87.9	16.21	85.1	15.41	82.1	14.93	76.5	13.93
	13.0	11.8	99.1	16.89	93.5	15.81	87.9	15.24	85.1	14.47	82.1	14.02	76.5	13.08
	15.0	13.7	99.1	15.98	93.5	14.96	87.9	14.41	85.1	13.68	82.1	13.27	76.5	12.37

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM580LTE5

Heating Capacity (58HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	116.3	60.06	116.3	60.31	115.4	60.53	115.4	60.86	115.4	61.19	113.3	61.68
	-21.8	-22	140.2	60.57	140.2	60.82	139.3	61.04	139.3	61.37	139.3	61.68	136.7	62.19
	-19.8	-20	147.5	60.90	147.5	61.15	146.4	61.37	146.4	61.71	146.4	62.01	143.7	62.52
	-18.8	-19	150.4	61.05	150.4	61.31	149.5	61.53	149.5	61.86	149.5	62.19	146.6	62.68
	-16.7	-17	156.9	61.42	156.9	61.67	155.9	61.89	155.9	62.22	155.9	62.53	153.0	63.04
	-13.7	-15	166.2	61.92	166.2	62.16	165.2	62.38	165.2	62.71	165.2	63.04	162.1	60.65
	-11.8	-13	171.6	62.23	171.6	62.48	170.5	62.70	170.5	63.04	170.5	61.42	167.7	59.13
	-9.8	-11	177.2	62.56	177.2	62.82	176.3	63.04	176.3	61.32	176.3	59.74	173.7	57.55
	-9.5	-10	178.3	62.63	178.3	62.86	177.2	62.77	177.2	61.07	177.1	59.48	174.6	57.31
	-8.5	-9.1	181.8	62.78	181.8	63.04	180.7	61.89	180.7	60.21	179.8	58.64	177.6	56.51
	-7.0	-7.6	187.0	63.04	187.0	61.75	185.9	60.58	185.9	58.91	185.9	57.37	182.2	55.31
	-5.0	-5.6	193.8	61.37	193.8	60.04	192.6	58.85	192.6	57.22	192.6	55.69	188.1	53.73
	-3.0	-3.7	200.7	59.72	200.7	58.33	199.5	57.09	199.5	55.50	199.5	53.99	194.1	52.13
	0.0	-0.7	210.9	57.24	210.9	55.78	209.7	54.46	209.7	52.94	209.7	51.47	203.1	49.74
	3.0	2.2	221.4	54.76	221.4	53.21	219.9	51.84	219.9	50.35	219.9	48.92	206.2	47.35
	5.0	4.1	228.3	53.11	228.3	51.50	226.9	50.09	226.9	48.66	221.6	47.22	206.2	45.77
	7.0	6	235.1	51.45	235.1	49.79	233.6	48.35	229.6	46.94	221.6	45.54	206.2	44.19
	9.0	7.9	236.1	50.08	236.1	48.47	235.5	47.07	229.6	45.69	221.6	44.32	206.2	43.00
	11.0	9.8	236.1	49.17	236.1	47.57	235.5	46.20	229.6	44.84	221.6	43.52	206.2	42.21
	13.0	11.8	236.1	48.15	236.1	46.61	235.5	45.25	229.6	43.94	221.6	42.63	206.2	41.35
	15.0	13.7	236.1	47.09	236.1	45.57	235.5	44.24	229.6	42.96	221.6	41.68	206.2	40.43
120	-24.8	-25	115.4	60.31	115.4	60.53	114.6	60.86	114.6	61.19	114.6	61.68	112.5	62.04
	-21.8	-22	139.3	60.82	139.3	61.04	138.4	61.37	138.4	61.68	138.4	62.19	135.8	62.53
	-19.8	-20	146.3	61.15	146.3	61.37	145.4	61.71	145.4	62.01	145.4	62.52	142.6	62.86
	-18.8	-19	149.4	61.31	149.4	61.53	148.5	61.86	148.5	62.19	148.5	62.68	145.7	63.04
	-16.7	-17	155.9	61.67	155.9	61.89	154.8	62.22	154.8	62.53	154.8	63.04	151.9	61.49
	-13.7	-15	165.0	62.16	165.0	62.38	164.1	62.71	164.1	63.04	164.1	60.74	160.9	59.31
	-11.8	-13	170.5	62.48	170.5	62.70	169.3	63.04	169.3	61.42	169.3	59.30	166.6	57.91
	-9.8	-11	176.0	62.82	176.0	63.04	174.9	61.26	174.9	59.71	174.9	57.77	172.5	56.45
	-9.5	-10	177.1	62.86	177.1	62.76	176.0	60.99	176.0	59.45	176.0	57.54	173.4	56.24
	-8.5	-9.1	180.4	63.04	180.4	61.80	179.5	60.09	179.5	58.60	179.3	56.79	176.5	55.50
	-7.0	-7.6	185.6	61.64	185.6	60.39	184.4	58.77	184.4	57.32	184.0	55.65	180.8	54.39
	-5.0	-5.6	192.5	59.76	192.5	58.51	191.2	56.97	191.2	55.61	191.2	54.12	186.9	52.93
	-3.0	-3.7	199.3	57.88	199.3	56.64	198.1	55.19	198.1	53.91	198.1	52.60	192.9	51.47
	0.0	-0.7	209.5	55.08	209.5	53.80	208.3	52.52	208.3	51.36	208.3	50.30	193.7	49.29
	3.0	2.2	219.9	52.26	219.9	50.97	218.4	49.85	215.2	48.81	208.5	48.02	193.7	47.08
	5.0	4.1	226.6	50.40	226.6	49.10	222.7	48.07	215.2	47.10	208.5	46.50	193.7	45.62
	7.0	6	233.5	48.52	231.7	47.20	222.7	46.27	215.2	45.40	208.5	44.97	193.7	44.16
	9.0	7.9	234.3	47.13	231.7	45.84	222.7	44.94	215.2	44.08	208.5	43.66	193.7	42.89
	11.0	9.8	234.3	46.13	231.7	44.88	222.7	43.99	215.2	43.15	208.5	42.75	193.7	41.99
	13.0	11.8	234.3	45.05	231.7	43.85	222.7	42.98	215.2	42.15	208.5	41.76	193.7	41.01
	15.0	13.7	234.3	43.93	231.7	42.73	222.7	41.90	215.2	41.09	208.5	40.70	193.7	39.98
110	-24.8	-25	114.8	60.53	114.8	60.86	114.0	61.19	114.0	61.68	114.0	62.04	111.9	62.19
	-21.8	-22	138.5	61.04	138.5	61.37	137.6	61.68	137.6	62.19	137.6	62.53	135.0	62.70
	-19.8	-20	145.5	61.37	145.5	61.71	144.6	62.01	144.6	62.52	144.6	62.86	141.7	63.04
	-18.8	-19	148.6	61.53	148.6	61.86	147.7	62.19	147.7	62.68	147.7	63.04	144.8	62.21
	-16.7	-17	155.0	61.89	155.0	62.22	153.9	62.53	153.9	63.04	153.9	61.37	151.0	60.52
	-13.7	-15	164.1	62.38	164.1	62.71	163.0	63.04	163.0	60.51	163.0	59.00	163.0	58.07
	-11.8	-13	169.4	62.70	169.4	63.04	168.4	61.25	168.4	58.93	168.4	57.49	168.4	56.53
	-9.8	-11	175.1	63.04	175.1	61.04	174.0	59.38	174.0	57.24	174.0	55.91	172.5	54.91
	-9.5	-10	176.0	62.71	176.0	60.72	175.1	59.11	175.1	57.00	175.1	55.67	174.3	54.67
	-8.5	-9.1	179.5	61.63	179.5	59.73	178.4	58.18	178.4	56.14	178.4	54.87	174.3	53.86
	-7.0	-7.6	184.7	59.99	184.7	58.21	183.5	56.76	183.5	54.89	183.5	53.69	174.3	52.65
	-5.0	-5.6	191.4	57.84	191.4	56.21	190.2	54.91	190.2	53.22	186.7	52.11	174.3	51.02
	-3.0	-3.7	198.1	55.68	198.1	54.21	197.0	53.03	193.2	51.53	186.7	50.51	174.3	49.40
	0.0	-0.7	208.3	52.43	208.3	51.20	199.8	50.23	193.2	49.01	186.7	48.14	174.3	46.95
	3.0	2.2	218.5	49.17	212.9	48.19	199.8	47.41	193.2	46.51	186.7	45.76	174.3	44.52
	5.0	4.1	225.3	47.02	212.9	46.18	199.8	45.55	193.2	44.82	186.7	44.18	174.3	42.89
	7.0	6	225.3	44.84	212.9	44.16	199.8	43.68	193.2	43.15	186.7	42.59	174.3	41.27
	9.0	7.9	225.3	43.35	212.9	42.70	199.8	42.23	193.2	41.72	186.7	41.17	174.3	39.90
	11.0	9.8	225.3	42.23	212.9	41.61	199.8	41.13	193.2	40.63	186.7	40.10	174.3	38.87
	13.0	11.8	225.3	41.04	212.9	40.43	199.8	39.98	193.2	39.48	186.7	38.98	174.3	37.78
	15.0	13.7	225.3	39.77	212.9	39.16	199.8	38.74	193.2	38.26	186.7	37.77	174.3	36.60

7. Capacity Tables

Heating Capacity (58HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	114.2	65.23	114.2	64.95	113.6	60.53	113.6	64.21	113.6	63.92	111.3	63.77
	-21.8	-22	137.9	64.80	137.9	64.50	137.0	62.44	137.0	63.78	137.0	64.12	134.4	63.34
	-19.8	-20	144.9	64.50	144.9	64.20	144.0	63.61	144.0	63.48	144.0	63.40	141.2	63.04
	-18.8	-19	148.0	64.35	147.1	64.07	147.1	63.78	147.1	63.33	147.1	63.04	144.2	62.04
	-16.7	-17	153.3	64.05	153.3	63.75	153.3	64.12	152.5	63.04	152.5	60.98	149.6	59.96
	-13.7	-15	163.3	63.60	163.3	63.32	162.4	63.04	162.4	60.06	162.4	58.05	159.2	56.97
	-11.8	-13	168.5	63.34	167.6	63.04	167.6	61.05	167.6	58.17	167.6	56.19	159.2	55.07
	-9.8	-11	174.2	63.04	174.2	60.81	173.4	58.95	173.4	56.20	171.1	54.23	159.2	53.08
	-9.5	-10	175.1	62.68	175.1	60.46	174.3	58.63	174.3	55.90	171.1	53.96	159.2	52.78
	-8.5	-9.1	178.6	61.52	178.6	59.36	177.7	57.59	176.9	54.90	171.1	52.96	159.2	51.79
	-7.0	-7.6	186.7	59.76	185.9	57.67	182.7	56.00	176.9	53.41	171.1	51.50	159.2	50.29
	-5.0	-5.6	194.9	57.42	192.9	55.45	182.7	53.90	176.9	51.43	171.1	49.55	159.2	48.32
	-3.0	-3.7	200.4	55.09	194.3	53.22	182.7	51.82	176.9	49.45	171.1	47.59	159.2	46.33
	0.0	-0.7	206.2	51.59	194.3	49.87	182.7	48.66	176.9	46.47	171.1	44.65	159.2	43.34
	3.0	2.2	206.2	48.08	194.3	46.52	182.7	45.52	176.9	43.50	171.1	41.74	159.2	40.35
	5.0	4.1	206.2	45.75	194.3	44.28	182.7	43.42	176.9	41.52	171.1	39.77	159.2	38.36
	7.0	6	206.2	43.41	194.3	42.05	182.7	41.32	176.9	39.52	171.1	37.83	159.2	36.37
	9.0	7.9	206.2	41.62	194.3	40.33	182.7	39.63	176.9	37.90	171.1	36.28	159.2	34.88
	11.0	9.8	206.2	40.19	194.3	38.92	182.7	38.25	176.9	36.59	171.1	35.00	159.2	33.67
	13.0	11.8	206.2	38.67	194.3	37.45	182.7	36.79	176.9	35.20	171.1	33.68	159.2	32.39
	15.0	13.7	206.2	37.05	194.3	35.88	182.7	35.25	176.9	33.74	171.1	32.27	159.2	31.04
90	-24.8	-25	113.9	58.95	113.9	59.44	113.1	59.80	113.1	59.96	113.1	60.31	111.0	60.80
	-21.8	-22	137.3	59.44	137.3	59.95	136.4	60.31	136.4	60.47	136.4	60.80	133.8	58.18
	-19.8	-20	144.3	59.79	144.3	60.28	143.4	60.64	143.4	60.80	143.4	59.01	140.8	56.45
	-18.8	-19	148.0	59.95	147.1	60.46	146.5	60.80	146.5	59.88	146.5	58.12	143.6	55.57
	-16.7	-17	153.3	60.31	153.3	60.80	152.7	58.89	152.7	57.94	152.7	56.25	145.6	53.73
	-13.7	-15	163.3	60.80	163.3	57.97	161.8	56.18	161.8	55.20	156.9	53.57	145.6	51.13
	-11.8	-13	168.5	58.86	167.6	56.17	167.0	54.45	162.1	53.44	156.9	51.87	145.6	49.47
	-9.8	-11	174.2	56.83	174.2	54.29	167.1	52.65	162.1	51.60	156.9	50.08	145.6	47.72
	-9.5	-10	175.1	56.51	175.1	54.01	167.1	52.37	162.1	51.32	156.9	49.82	145.6	47.46
	-8.5	-9.1	178.6	55.50	177.2	53.08	167.1	51.47	162.1	50.41	156.9	48.93	145.6	46.59
	-7.0	-7.6	186.7	53.96	177.5	51.66	167.1	50.11	162.1	49.03	156.9	47.58	145.6	45.27
	-5.0	-5.6	188.8	51.91	177.5	49.78	167.1	48.30	162.1	47.19	156.9	45.79	145.6	43.54
	-3.0	-3.7	188.8	49.88	177.5	47.88	167.1	46.48	162.1	45.34	156.9	44.00	145.6	41.79
	0.0	-0.7	188.8	46.81	177.5	45.05	167.1	43.76	162.1	42.58	156.9	41.33	145.6	39.17
	3.0	2.2	188.8	43.77	177.5	42.23	167.1	41.05	162.1	39.83	156.9	38.65	145.6	36.56
	5.0	4.1	188.8	41.72	177.5	40.33	167.1	39.23	162.1	37.99	156.9	36.86	145.6	34.81
	7.0	6	188.8	39.68	177.5	38.45	167.1	37.41	162.1	36.14	156.9	35.07	145.6	33.08
	9.0	7.9	188.8	37.75	177.5	36.60	167.1	35.62	162.1	34.39	156.9	33.37	145.6	31.46
	11.0	9.8	188.8	35.82	177.5	34.73	167.1	33.80	162.1	32.65	156.9	31.67	145.6	29.87
	13.0	11.8	188.8	33.91	177.5	32.87	167.1	31.98	162.1	30.89	156.9	29.97	145.6	28.26
	15.0	13.7	188.8	31.98	177.5	31.00	167.1	30.17	162.1	29.13	156.9	28.27	145.6	26.67
80	-24.8	-25	113.3	52.05	113.3	52.56	112.7	52.92	112.7	53.08	112.7	53.92	110.4	51.62
	-21.8	-22	135.9	52.56	135.9	53.07	135.9	53.41	135.9	53.92	135.9	51.62	130.2	49.41
	-19.8	-20	142.8	52.89	142.8	53.40	142.8	53.92	142.8	52.28	139.8	50.07	130.2	47.92
	-18.8	-19	145.9	53.07	145.9	53.92	145.9	53.09	145.0	51.48	139.8	49.32	130.2	47.20
	-16.7	-17	149.6	53.92	149.6	52.19	149.6	51.36	145.0	49.78	139.8	47.71	130.2	45.65
	-13.7	-15	156.3	51.38	153.4	49.74	149.6	48.88	145.0	47.33	139.8	45.41	130.2	43.44
	-11.8	-13	160.7	49.76	156.0	48.18	149.6	47.32	145.0	45.80	139.8	43.94	130.2	42.03
	-9.8	-11	165.0	48.06	157.9	46.56	149.6	45.68	145.0	44.16	139.8	42.41	130.2	40.56
	-9.5	-10	166.1	47.80	158.8	46.30	149.6	45.42	145.0	43.93	139.8	42.18	130.2	40.34
	-8.5	-9.1	167.5	46.96	159.2	45.49	149.6	44.61	145.0	43.10	139.8	41.41	130.2	39.61
	-7.0	-7.6	169.0	45.68	159.2	44.26	149.6	43.37	145.0	41.89	139.8	40.26	130.2	38.50
	-5.0	-5.6	169.0	43.98	159.2	42.63	149.6	41.73	145.0	40.27	139.8	38.71	130.2	37.03
	-3.0	-3.7	169.0	42.28	159.2	40.99	149.6	40.08	145.0	38.64	139.8	37.19	130.2	35.54
	0.0	-0.7	169.0	39.73	159.2	38.54	149.6	37.61	145.0	36.21	139.8	34.88	130.2	33.33
	3.0	2.2	169.0	37.19	159.2	36.09	149.6	35.13	145.0	33.77	139.8	32.58	130.2	31.14
	5.0	4.1	169.0	35.49	159.2	34.44	149.6	33.49	145.0	32.13	139.8	31.06	130.2	29.65
	7.0	6	169.0	33.78	159.2	32.80	149.6	31.84	145.0	30.52	139.8	29.51	130.2	28.18
	9.0	7.9	169.0	31.73	159.2	30.80	149.6	29.90	145.0	28.66	139.8	27.71	130.2	26.47
	11.0	9.8	169.0	29.45	159.2	28.60	149.6	27.76	145.0	26.58	139.8	25.71	130.2	24.56
	13.0	11.8	169.0	27.48	159.2	26.69	149.6	25.91	145.0	24.83	139.8	24.02	130.2	22.92
	15.0	13.7	169.0	25.88	159.2	25.12	149.6	24.39	145.0	23.37	139.8	22.61	130.2	21.58

7. Capacity Tables

Heating Capacity (58HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	113.3	51.65	113.3	51.82	112.7	52.16	112.7	52.65	112.7	50.15	109.5	47.80
	-21.8	-22	128.2	52.16	128.2	52.31	127.3	52.65	123.0	50.15	119.2	47.80	111.3	45.53
	-19.8	-20	138.0	52.49	135.4	52.65	127.3	50.89	123.0	48.48	119.2	46.24	111.3	44.02
	-18.8	-19	142.0	52.65	135.4	51.75	127.3	50.00	123.0	47.63	119.2	45.45	111.3	43.27
	-16.7	-17	143.3	50.77	135.4	49.83	127.3	48.16	123.0	45.87	119.2	43.81	111.3	41.67
	-13.7	-15	143.3	48.07	135.4	47.10	127.3	45.52	123.0	43.37	119.2	41.46	111.3	39.41
	-11.8	-13	143.3	46.34	135.4	45.37	127.3	43.85	123.0	41.77	119.2	39.97	111.3	37.97
	-9.8	-11	143.3	44.56	135.4	43.54	127.3	42.08	123.0	40.11	119.2	38.42	111.3	36.46
	-9.5	-10	143.3	44.27	135.4	43.27	127.3	41.82	123.0	39.85	119.2	38.19	111.3	36.23
	-8.5	-9.1	143.3	43.38	135.4	42.36	127.3	40.95	123.0	39.02	119.2	37.39	111.3	35.48
	-7.0	-7.6	143.3	42.03	135.4	41.00	127.3	39.63	123.0	37.78	119.2	36.22	111.3	34.34
	-5.0	-5.6	143.3	40.24	135.4	39.17	127.3	37.86	123.0	36.09	119.2	34.66	111.3	32.84
	-3.0	-3.7	143.3	38.43	135.4	37.35	127.3	36.10	123.0	34.42	119.2	33.09	111.3	31.33
	0.0	-0.7	143.3	35.72	135.4	34.62	127.3	33.46	123.0	31.92	119.2	30.74	111.3	29.06
	3.0	2.2	143.3	33.02	135.4	31.89	127.3	30.82	123.0	29.40	119.2	28.41	111.3	26.78
	5.0	4.1	143.3	31.23	135.4	30.06	127.3	29.06	123.0	27.74	119.2	26.84	111.3	25.28
	7.0	6	143.3	29.42	135.4	28.24	127.3	27.29	123.0	26.07	119.2	25.28	111.3	23.77
	9.0	7.9	143.3	26.58	135.4	25.51	127.3	24.64	123.0	23.54	119.2	22.82	111.3	21.46
	11.0	9.8	143.3	24.75	135.4	23.74	127.3	22.95	123.0	21.91	119.2	21.26	111.3	19.97
	13.0	11.8	143.3	23.15	135.4	22.22	127.3	21.47	123.0	20.50	119.2	19.89	111.3	18.70
	15.0	13.7	143.3	21.83	135.4	20.95	127.3	20.25	123.0	19.33	119.2	18.74	111.3	17.63
60	-24.8	-25	109.9	51.17	109.9	51.51	109.1	52.02	105.5	49.30	101.8	46.76	95.4	44.39
	-21.8	-22	117.7	51.68	116.3	52.02	109.1	49.30	105.5	46.76	101.8	44.39	95.4	42.08
	-19.8	-20	123.0	52.02	116.3	50.10	109.1	47.50	105.5	45.07	101.8	42.79	95.4	40.54
	-18.8	-19	123.0	51.05	116.3	49.15	109.1	46.61	105.5	44.24	101.8	41.99	95.4	39.77
	-16.7	-17	123.0	49.01	116.3	47.13	109.1	44.70	105.5	42.45	101.8	40.33	95.4	38.17
	-13.7	-15	123.0	46.12	116.3	44.26	109.1	41.99	105.5	39.93	101.8	37.94	95.4	35.86
	-11.8	-13	123.0	44.28	116.3	42.44	109.1	40.27	105.5	38.30	101.8	36.43	95.4	34.41
	-9.8	-11	123.0	42.34	116.3	40.52	109.1	38.47	105.5	36.62	101.8	34.85	95.4	32.87
	-9.5	-10	123.0	42.05	116.3	40.24	109.1	38.21	105.5	36.36	101.8	34.60	95.4	32.64
	-8.5	-9.1	123.0	41.08	116.3	39.29	109.1	37.30	105.5	35.53	101.8	33.82	95.4	31.87
	-7.0	-7.6	123.0	39.64	116.3	37.86	109.1	35.95	105.5	34.25	101.8	32.62	95.4	30.73
	-5.0	-5.6	123.0	37.70	116.3	35.94	109.1	34.15	105.5	32.56	101.8	31.03	95.4	29.19
	-3.0	-3.7	123.0	35.78	116.3	34.02	109.1	32.35	105.5	30.87	101.8	29.43	95.4	27.65
	0.0	-0.7	123.0	32.86	116.3	31.14	109.1	29.63	105.5	28.33	101.8	27.06	95.4	25.36
	3.0	2.2	123.0	29.97	116.3	28.28	109.1	26.92	105.5	25.79	101.8	24.66	95.4	23.05
	5.0	4.1	123.0	28.05	116.3	26.36	109.1	25.12	105.5	24.10	101.8	23.09	95.4	21.51
	7.0	6	123.0	26.10	116.3	24.45	109.1	23.32	105.5	22.39	101.8	21.49	95.4	19.97
	9.0	7.9	123.0	23.29	116.3	21.82	109.1	20.79	105.5	20.00	101.8	19.18	95.4	17.83
	11.0	9.8	123.0	21.74	116.3	20.37	109.1	19.41	105.5	18.67	101.8	17.91	95.4	16.65
	13.0	11.8	123.0	20.37	116.3	19.07	109.1	18.20	105.5	17.49	101.8	16.77	95.4	15.59
	15.0	13.7	123.0	19.24	116.3	18.03	109.1	17.19	105.5	16.51	101.8	15.86	95.4	14.74
50	-24.8	-25	102.6	44.26	96.8	44.75	91.0	42.40	88.1	40.19	85.0	38.10	79.2	36.16
	-21.8	-22	102.6	44.75	96.8	42.40	91.0	40.19	88.1	38.10	85.0	36.16	79.2	34.28
	-19.8	-20	102.6	43.11	96.8	40.82	91.0	38.71	88.1	36.70	85.0	34.85	79.2	33.02
	-18.8	-19	102.6	42.28	96.8	40.02	91.0	37.99	88.1	36.02	85.0	34.22	79.2	32.42
	-16.7	-17	102.6	40.56	96.8	38.39	91.0	36.44	88.1	34.54	85.0	32.85	79.2	31.10
	-13.7	-15	102.6	38.09	96.8	36.01	91.0	34.22	88.1	32.45	85.0	30.90	79.2	29.22
	-11.8	-13	102.6	36.52	96.8	34.52	91.0	32.83	88.1	31.13	85.0	29.67	79.2	28.05
	-9.8	-11	102.6	34.88	96.8	32.95	91.0	31.35	88.1	29.73	85.0	28.36	79.2	26.79
	-9.5	-10	102.6	34.63	96.8	32.72	91.0	31.12	88.1	29.53	85.0	28.18	79.2	26.60
	-8.5	-9.1	102.6	33.82	96.8	31.92	91.0	30.40	88.1	28.84	85.0	27.53	79.2	25.97
	-7.0	-7.6	102.6	32.57	96.8	30.74	91.0	29.29	88.1	27.78	85.0	26.56	79.2	25.05
	-5.0	-5.6	102.6	30.93	96.8	29.17	91.0	27.83	88.1	26.41	85.0	25.27	79.2	23.80
	-3.0	-3.7	102.6	29.29	96.8	27.59	91.0	26.34	88.1	25.01	85.0	23.96	79.2	22.54
	0.0	-0.7	102.6	26.83	96.8	25.22	91.0	24.14	88.1	22.92	85.0	22.01	79.2	20.68
	3.0	2.2	102.6	24.34	96.8	22.87	91.0	21.93	88.1	20.83	85.0	20.07	79.2	18.80
	5.0	4.1	102.6	22.70	96.8	21.29	91.0	20.47	88.1	19.43	85.0	18.78	79.2	17.55
	7.0	6	102.6	21.06	96.8	19.72	91.0	18.99	88.1	18.03	85.0	17.47	79.2	16.31
	9.0	7.9	102.6	19.01	96.8	17.80	91.0	17.16	88.1	16.29	85.0	15.78	79.2	14.74
	11.0	9.8	102.6	17.80	96.8	16.65	91.0	16.04	88.1	15.24	85.0	14.77	79.2	13.78
	13.0	11.8	102.6	16.71	96.8	15.64	91.0	15.07	88.1	14.32	85.0	13.87	79.2	12.94
	15.0	13.7	102.6	15.81	96.8	14.80	91.0	14.26	88.1	13.53	85.0	13.13	79.2	12.24

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM600LTE5

Heating Capacity (60HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	118.5	63.66	118.5	63.87	117.6	64.05	117.6	64.32	117.6	64.59	115.5	64.98
	-21.8	-22	144.0	64.08	144.0	64.29	143.1	64.47	143.1	64.74	143.1	64.98	140.4	65.40
	-19.8	-20	152.1	64.35	152.1	64.56	150.9	64.74	150.9	65.01	150.9	65.25	148.2	65.67
	-18.8	-19	155.1	64.47	155.1	64.68	154.2	64.86	154.2	65.13	154.2	65.40	151.2	65.79
	-16.7	-17	162.0	64.77	162.0	64.98	161.1	65.16	161.1	65.43	161.1	65.67	158.1	66.09
	-13.7	-15	171.9	65.19	171.9	65.37	171.0	65.55	171.0	65.82	171.0	66.09	167.7	63.69
	-11.8	-13	177.6	65.43	177.6	65.64	176.4	65.82	176.4	66.09	176.4	64.47	173.7	62.16
	-9.8	-11	183.3	65.70	183.3	65.91	182.4	66.09	182.4	64.38	182.4	62.79	180.0	60.57
	-9.5	-10	184.5	65.76	184.5	65.94	183.3	65.82	183.3	64.14	183.3	62.52	180.9	60.33
	-8.5	-9.1	188.1	65.88	188.1	66.09	186.9	64.95	186.9	63.27	186.0	61.68	184.2	59.52
	-7.0	-7.6	193.5	66.09	193.5	64.83	192.3	63.66	192.3	61.98	192.3	60.42	189.0	58.32
	-5.0	-5.6	200.4	64.47	200.4	63.15	199.2	61.95	199.2	60.30	199.2	58.74	195.3	56.73
	-3.0	-3.7	207.6	62.88	207.6	61.47	206.4	60.21	206.4	58.59	206.4	57.03	201.6	55.11
	0.0	-0.7	218.1	60.48	218.1	58.98	216.9	57.60	216.9	56.04	216.9	54.51	211.2	52.71
	3.0	2.2	228.9	58.08	228.9	56.46	227.4	55.02	227.4	53.46	227.4	51.96	213.3	50.31
	5.0	4.1	236.1	56.49	236.1	54.78	234.6	53.28	234.6	51.78	229.2	50.25	213.3	48.72
	7.0	6	243.0	54.87	243.0	53.10	241.5	51.57	237.6	50.07	229.2	48.57	213.3	47.13
	9.0	7.9	244.2	53.55	244.2	51.84	243.6	50.34	237.6	48.87	229.2	47.40	213.3	45.99
	11.0	9.8	244.2	52.74	244.2	51.03	243.6	49.56	237.6	48.09	229.2	46.68	213.3	45.27
	13.0	11.8	244.2	51.81	244.2	50.16	243.6	48.69	237.6	47.28	229.2	45.87	213.3	44.49
	15.0	13.7	244.2	50.85	244.2	49.20	243.6	47.76	237.6	46.38	229.2	45.00	213.3	43.65
120	-24.8	-25	117.6	63.87	117.6	64.05	116.7	64.32	116.7	64.59	116.7	64.98	114.6	65.28
	-21.8	-22	143.1	64.29	143.1	64.47	142.2	64.74	142.2	64.98	142.2	65.40	139.5	65.67
	-19.8	-20	150.9	64.56	150.9	64.74	150.0	65.01	150.0	65.25	150.0	65.67	147.0	65.94
	-18.8	-19	154.2	64.68	154.2	64.86	153.3	65.13	153.3	65.40	153.3	65.79	150.3	66.09
	-16.7	-17	161.1	64.98	161.1	65.16	159.9	65.43	159.9	65.67	159.9	66.09	156.9	64.53
	-13.7	-15	170.7	65.37	170.7	65.55	169.8	65.82	169.8	66.09	169.8	63.78	166.5	62.34
	-11.8	-13	176.4	65.64	176.4	65.82	175.2	66.09	175.2	64.47	175.2	62.34	172.5	60.93
	-9.8	-11	182.1	65.91	182.1	66.09	180.9	64.32	180.9	62.76	180.9	60.81	178.8	59.46
	-9.5	-10	183.3	65.94	183.3	65.82	182.1	64.05	182.1	62.49	182.1	60.57	179.7	59.25
	-8.5	-9.1	186.6	66.09	186.6	64.86	185.7	63.15	185.7	61.65	185.7	59.82	183.0	58.50
	-7.0	-7.6	192.0	64.71	192.0	63.45	190.8	61.83	190.8	60.36	190.8	58.68	187.5	57.39
	-5.0	-5.6	199.2	62.85	199.2	61.59	197.7	60.03	197.7	58.65	197.7	57.15	194.1	55.92
	-3.0	-3.7	206.1	60.99	206.1	59.73	204.9	58.26	204.9	56.94	204.9	55.62	200.4	54.45
	0.0	-0.7	216.6	58.23	216.6	56.91	215.4	55.59	215.4	54.39	215.4	53.31	200.4	52.26
	3.0	2.2	227.4	55.44	227.4	54.09	225.9	52.92	222.6	51.84	215.7	51.03	200.4	50.04
	5.0	4.1	234.3	53.61	234.3	52.23	230.4	51.15	222.6	50.13	215.7	49.50	200.4	48.57
	7.0	6	241.5	51.75	239.7	50.34	230.4	49.35	222.6	48.42	215.7	47.97	200.4	47.10
	9.0	7.9	242.4	50.40	239.7	49.02	230.4	48.06	222.6	47.13	215.7	46.68	200.4	45.87
	11.0	9.8	242.4	49.47	239.7	48.12	230.4	47.16	222.6	46.26	215.7	45.84	200.4	45.03
	13.0	11.8	242.4	48.45	239.7	47.16	230.4	46.23	222.6	45.33	215.7	44.91	200.4	44.10
	15.0	13.7	242.4	47.40	239.7	46.11	230.4	45.21	222.6	44.34	215.7	43.92	200.4	43.14
110	-24.8	-25	117.0	64.05	117.0	64.32	116.1	64.59	116.1	64.98	116.1	65.28	114.0	65.40
	-21.8	-22	142.2	64.47	142.2	64.74	141.3	64.98	141.3	65.40	141.3	65.67	138.6	65.82
	-19.8	-20	150.0	64.74	150.0	65.01	149.1	65.25	149.1	65.67	149.1	65.94	146.1	66.09
	-18.8	-19	153.3	64.86	153.3	65.13	152.4	65.40	152.4	65.79	152.4	66.09	149.4	65.25
	-16.7	-17	160.2	65.16	160.2	65.43	159.0	65.67	159.0	66.09	159.0	64.41	156.0	63.54
	-13.7	-15	169.8	65.55	169.8	65.82	168.6	66.09	168.6	63.54	168.6	62.01	168.6	61.05
	-11.8	-13	175.2	65.82	175.2	66.09	174.3	64.29	174.3	61.95	174.3	60.48	174.3	59.49
	-9.8	-11	181.2	66.09	181.2	64.08	180.0	62.40	180.0	60.24	180.0	58.89	178.8	57.84
	-9.5	-10	182.1	65.76	182.1	63.75	181.2	62.13	181.2	60.00	181.2	58.65	180.3	57.60
	-8.5	-9.1	185.7	64.68	185.7	62.76	184.5	61.20	184.5	59.13	184.5	57.84	180.3	56.79
	-7.0	-7.6	191.1	63.03	191.1	61.23	189.9	59.76	189.9	57.87	189.9	56.64	180.3	55.56
	-5.0	-5.6	198.0	60.87	198.0	59.22	196.8	57.90	196.8	56.19	193.2	55.05	180.3	53.91
	-3.0	-3.7	204.9	58.71	204.9	57.21	203.7	56.01	199.8	54.48	193.2	53.43	180.3	52.26
	0.0	-0.7	215.4	55.44	215.4	54.18	206.7	53.19	199.8	51.93	193.2	51.03	180.3	49.77
	3.0	2.2	225.9	52.17	220.2	51.15	206.7	50.34	199.8	49.41	193.2	48.63	180.3	47.31
	5.0	4.1	233.1	50.01	220.2	49.14	206.7	48.48	199.8	47.70	193.2	47.04	180.3	45.66
	7.0	6	233.1	47.82	220.2	47.10	206.7	46.59	199.8	46.02	193.2	45.42	180.3	44.01
	9.0	7.9	233.1	46.35	220.2	45.66	206.7	45.15	199.8	44.61	193.2	44.01	180.3	42.66
	11.0	9.8	233.1	45.27	220.2	44.61	206.7	44.10	199.8	43.56	193.2	42.99	180.3	41.67
	13.0	11.8	233.1	44.13	220.2	43.47	206.7	42.99	199.8	42.45	193.2	41.91	180.3	40.62
	15.0	13.7	233.1	42.90	220.2	42.24	206.7	41.79	199.8	41.28	193.2	40.74	180.3	39.48

7. Capacity Tables

Heating Capacity (60HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	116.4	70.05	116.4	69.54	115.8	64.05	115.8	68.22	115.8	67.68	113.4	67.41
	-21.8	-22	141.6	69.27	141.6	68.73	140.7	66.06	140.7	67.44	140.7	67.71	138.0	66.63
	-19.8	-20	149.4	68.73	149.4	68.19	148.5	67.29	148.5	66.90	148.5	66.63	145.5	66.09
	-18.8	-19	152.7	68.46	151.8	67.95	151.8	67.44	151.8	66.63	151.8	66.09	148.8	65.07
	-16.7	-17	158.4	67.92	158.4	67.38	158.4	67.71	157.5	66.09	157.5	63.99	154.5	62.94
	-13.7	-15	168.9	67.11	168.9	66.60	168.0	66.09	168.0	63.06	168.0	60.99	164.7	59.88
	-11.8	-13	174.3	66.63	173.4	66.09	173.4	64.08	173.4	61.14	173.4	59.10	164.7	57.93
	-9.8	-11	180.3	66.09	180.3	63.84	179.4	61.95	179.4	59.13	177.0	57.09	164.7	55.89
	-9.5	-10	181.2	65.73	181.2	63.48	180.3	61.62	180.3	58.83	177.0	56.82	164.7	55.59
	-8.5	-9.1	184.8	64.56	184.8	62.37	183.9	60.57	183.0	57.81	177.0	55.80	164.7	54.57
	-7.0	-7.6	193.2	62.79	192.3	60.66	189.0	58.95	183.0	56.28	177.0	54.30	164.7	53.04
	-5.0	-5.6	201.6	60.42	199.5	58.41	189.0	56.82	183.0	54.27	177.0	52.32	164.7	51.03
	-3.0	-3.7	207.3	58.08	201.0	56.16	189.0	54.72	183.0	52.26	177.0	50.31	164.7	48.99
	0.0	-0.7	213.3	54.54	201.0	52.77	189.0	51.51	183.0	49.23	177.0	47.31	164.7	45.93
	3.0	2.2	213.3	51.00	201.0	49.38	189.0	48.33	183.0	46.20	177.0	44.34	164.7	42.87
	5.0	4.1	213.3	48.66	201.0	47.10	189.0	46.20	183.0	44.19	177.0	42.33	164.7	40.83
	7.0	6	213.3	46.29	201.0	44.85	189.0	44.07	183.0	42.15	177.0	40.35	164.7	38.79
	9.0	7.9	213.3	44.67	201.0	43.29	189.0	42.54	183.0	40.68	177.0	38.94	164.7	37.44
	11.0	9.8	213.3	43.44	201.0	42.06	189.0	41.34	183.0	39.54	177.0	37.83	164.7	36.39
	13.0	11.8	213.3	42.12	201.0	40.80	189.0	40.08	183.0	38.34	177.0	36.69	164.7	35.28
	15.0	13.7	213.3	40.71	201.0	39.42	189.0	38.73	183.0	37.08	177.0	35.46	164.7	34.11
90	-24.8	-25	116.1	62.70	116.1	63.09	115.2	63.39	115.2	63.51	115.2	63.81	113.1	64.20
	-21.8	-22	141.0	63.09	141.0	63.51	140.1	63.81	140.1	63.93	140.1	64.20	137.4	61.47
	-19.8	-20	148.8	63.39	148.8	63.78	147.9	64.08	147.9	64.20	147.9	62.34	145.2	59.67
	-18.8	-19	152.7	63.51	151.8	63.93	151.2	64.20	151.2	63.24	151.2	61.41	148.2	58.74
	-16.7	-17	158.4	63.81	158.4	64.20	157.8	62.22	157.8	61.23	157.8	59.46	150.6	56.82
	-13.7	-15	168.9	64.20	168.9	61.26	167.4	59.40	167.4	58.38	162.3	56.67	150.6	54.12
	-11.8	-13	174.3	62.19	173.4	59.40	172.8	57.60	167.7	56.55	162.3	54.90	150.6	52.38
	-9.8	-11	180.3	60.09	180.3	57.45	172.8	55.74	167.7	54.63	162.3	53.04	150.6	50.55
	-9.5	-10	181.2	59.76	181.2	57.15	172.8	55.44	167.7	54.33	162.3	52.77	150.6	50.28
	-8.5	-9.1	184.8	58.71	183.3	56.19	172.8	54.51	167.7	53.40	162.3	51.84	150.6	49.38
	-7.0	-7.6	193.2	57.12	183.6	54.72	172.8	53.10	167.7	51.96	162.3	50.43	150.6	48.00
	-5.0	-5.6	195.3	54.99	183.6	52.77	172.8	51.21	167.7	50.04	162.3	48.57	150.6	46.20
	-3.0	-3.7	195.3	52.89	183.6	50.79	172.8	49.32	167.7	48.12	162.3	46.71	150.6	44.37
	0.0	-0.7	195.3	49.71	183.6	47.85	172.8	46.50	167.7	45.24	162.3	43.92	150.6	41.64
	3.0	2.2	195.3	46.56	183.6	44.94	172.8	43.68	167.7	42.39	162.3	41.13	150.6	38.91
	5.0	4.1	195.3	44.43	183.6	42.96	172.8	41.79	167.7	40.47	162.3	39.27	150.6	37.08
	7.0	6	195.3	42.33	183.6	41.01	172.8	39.90	167.7	38.55	162.3	37.41	150.6	35.28
	9.0	7.9	195.3	40.32	183.6	39.09	172.8	38.04	167.7	36.72	162.3	35.64	150.6	33.60
	11.0	9.8	195.3	38.31	183.6	37.14	172.8	36.15	167.7	34.92	162.3	33.87	150.6	31.95
	13.0	11.8	195.3	36.33	183.6	35.22	172.8	34.26	167.7	33.09	162.3	32.10	150.6	30.27
	15.0	13.7	195.3	34.32	183.6	33.27	172.8	32.37	167.7	31.26	162.3	30.33	150.6	28.62
80	-24.8	-25	115.5	55.41	115.5	55.83	114.9	56.13	114.9	56.25	114.9	56.94	112.5	54.54
	-21.8	-22	139.5	55.83	139.5	56.25	139.5	56.52	139.5	56.94	139.5	54.54	134.7	52.23
	-19.8	-20	147.3	56.10	147.3	56.52	147.3	56.94	147.3	55.23	144.6	52.92	134.7	50.67
	-18.8	-19	150.6	56.25	150.6	56.94	150.6	56.07	150.0	54.39	144.6	52.14	134.7	49.92
	-16.7	-17	154.8	56.94	154.8	55.14	154.8	54.27	150.0	52.62	144.6	50.46	134.7	48.30
	-13.7	-15	161.7	54.30	158.7	52.59	154.8	51.69	150.0	50.07	144.6	48.06	134.7	45.99
	-11.8	-13	165.9	52.62	161.1	50.97	154.8	50.07	150.0	48.48	144.6	46.53	134.7	44.52
	-9.8	-11	170.4	50.85	163.2	49.29	154.8	48.36	150.0	46.77	144.6	44.94	134.7	42.99
	-9.5	-10	171.6	50.58	164.1	49.02	154.8	48.09	150.0	46.53	144.6	44.70	134.7	42.75
	-8.5	-9.1	173.1	49.71	164.7	48.18	154.8	47.25	150.0	45.66	144.6	43.89	134.7	42.00
	-7.0	-7.6	174.9	48.39	164.7	46.89	154.8	45.96	150.0	44.40	144.6	42.69	134.7	40.83
	-5.0	-5.6	174.9	46.62	164.7	45.21	154.8	44.25	150.0	42.72	144.6	41.07	134.7	39.30
	-3.0	-3.7	174.9	44.85	164.7	43.50	154.8	42.54	150.0	41.01	144.6	39.48	134.7	37.74
	0.0	-0.7	174.9	42.21	164.7	40.95	154.8	39.96	150.0	38.49	144.6	37.08	134.7	35.43
	3.0	2.2	174.9	39.57	164.7	38.40	154.8	37.38	150.0	35.94	144.6	34.68	134.7	33.15
	5.0	4.1	174.9	37.80	164.7	36.69	154.8	35.67	150.0	34.23	144.6	33.09	134.7	31.59
	7.0	6	174.9	36.03	164.7	34.98	154.8	33.96	150.0	32.55	144.6	31.47	134.7	30.06
	9.0	7.9	174.9	33.84	164.7	32.85	154.8	31.89	150.0	30.57	144.6	29.55	134.7	28.23
	11.0	9.8	174.9	31.41	164.7	30.51	154.8	29.61	150.0	28.35	144.6	27.42	134.7	26.19
	13.0	11.8	174.9	29.31	164.7	28.47	154.8	27.63	150.0	26.49	144.6	25.62	134.7	24.45
	15.0	13.7	174.9	27.60	164.7	26.79	154.8	26.01	150.0	24.93	144.6	24.12	134.7	23.01

7. Capacity Tables

Heating Capacity (60HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	115.5	54.78	115.5	54.93	114.9	55.20	114.9	55.59	114.9	52.98	112.5	50.52
	-21.8	-22	132.6	55.20	132.6	55.32	131.7	55.59	127.2	52.98	123.3	50.52	115.2	48.15
	-19.8	-20	144.0	55.47	140.1	55.59	131.7	53.76	127.2	51.24	123.3	48.90	115.2	46.56
	-18.8	-19	148.2	55.59	140.1	54.66	131.7	52.83	127.2	50.34	123.3	48.06	115.2	45.78
	-16.7	-17	148.2	53.64	140.1	52.65	131.7	50.91	127.2	48.51	123.3	46.35	115.2	44.10
	-13.7	-15	148.2	50.82	140.1	49.80	131.7	48.15	127.2	45.90	123.3	43.89	115.2	41.73
	-11.8	-13	148.2	49.02	140.1	48.00	131.7	46.41	127.2	44.22	123.3	42.33	115.2	40.23
	-9.8	-11	148.2	47.16	140.1	46.08	131.7	44.55	127.2	42.48	123.3	40.71	115.2	38.64
	-9.5	-10	148.2	46.86	140.1	45.81	131.7	44.28	127.2	42.21	123.3	40.47	115.2	38.40
	-8.5	-9.1	148.2	45.93	140.1	44.85	131.7	43.38	127.2	41.34	123.3	39.63	115.2	37.62
	-7.0	-7.6	148.2	44.52	140.1	43.44	131.7	42.00	127.2	40.05	123.3	38.40	115.2	36.42
	-5.0	-5.6	148.2	42.66	140.1	41.52	131.7	40.14	127.2	38.28	123.3	36.78	115.2	34.86
	-3.0	-3.7	148.2	40.77	140.1	39.63	131.7	38.31	127.2	36.54	123.3	35.13	115.2	33.27
	0.0	-0.7	148.2	37.95	140.1	36.78	131.7	35.55	127.2	33.93	123.3	32.67	115.2	30.90
	3.0	2.2	148.2	35.13	140.1	33.93	131.7	32.79	127.2	31.29	123.3	30.24	115.2	28.50
	5.0	4.1	148.2	33.27	140.1	32.01	131.7	30.96	127.2	29.55	123.3	28.59	115.2	26.94
	7.0	6	148.2	31.38	140.1	30.12	131.7	29.10	127.2	27.81	123.3	26.97	115.2	25.35
	9.0	7.9	148.2	28.35	140.1	27.21	131.7	26.28	127.2	25.11	123.3	24.33	115.2	22.89
	11.0	9.8	148.2	26.40	140.1	25.32	131.7	24.48	127.2	23.37	123.3	22.68	115.2	21.30
	13.0	11.8	148.2	24.69	140.1	23.70	131.7	22.89	127.2	21.87	123.3	21.21	115.2	19.95
	15.0	13.7	148.2	23.28	140.1	22.35	131.7	21.60	127.2	20.61	123.3	19.98	115.2	18.81
60	-24.8	-25	113.7	54.30	113.7	54.57	112.8	54.99	109.2	52.14	105.3	49.47	98.7	46.98
	-21.8	-22	121.8	54.72	120.3	54.99	112.8	52.14	109.2	49.47	105.3	46.98	98.7	44.55
	-19.8	-20	127.2	54.99	120.3	52.98	112.8	50.25	109.2	47.70	105.3	45.30	98.7	42.93
	-18.8	-19	127.2	53.97	120.3	51.99	112.8	49.32	109.2	46.83	105.3	44.46	98.7	42.12
	-16.7	-17	127.2	51.84	120.3	49.86	112.8	47.31	109.2	44.94	105.3	42.72	98.7	40.44
	-13.7	-15	127.2	48.81	120.3	46.86	112.8	44.46	109.2	42.30	105.3	40.20	98.7	38.01
	-11.8	-13	127.2	46.89	120.3	44.94	112.8	42.66	109.2	40.59	105.3	38.61	98.7	36.48
	-9.8	-11	127.2	44.85	120.3	42.93	112.8	40.77	109.2	38.82	105.3	36.96	98.7	34.86
	-9.5	-10	127.2	44.55	120.3	42.63	112.8	40.50	109.2	38.55	105.3	36.69	98.7	34.62
	-8.5	-9.1	127.2	43.53	120.3	41.64	112.8	39.54	109.2	37.68	105.3	35.88	98.7	33.81
	-7.0	-7.6	127.2	42.03	120.3	40.14	112.8	38.13	109.2	36.33	105.3	34.62	98.7	32.61
	-5.0	-5.6	127.2	39.99	120.3	38.13	112.8	36.24	109.2	34.56	105.3	32.94	98.7	30.99
	-3.0	-3.7	127.2	37.98	120.3	36.12	112.8	34.35	109.2	32.79	105.3	31.26	98.7	29.37
	0.0	-0.7	127.2	34.92	120.3	33.09	112.8	31.50	109.2	30.12	105.3	28.77	98.7	26.97
	3.0	2.2	127.2	31.89	120.3	30.09	112.8	28.65	109.2	27.45	105.3	26.25	98.7	24.54
	5.0	4.1	127.2	29.88	120.3	28.08	112.8	26.76	109.2	25.68	105.3	24.60	98.7	22.92
	7.0	6	127.2	27.84	120.3	26.07	112.8	24.87	109.2	23.88	105.3	22.92	98.7	21.30
	9.0	7.9	127.2	24.84	120.3	23.28	112.8	22.17	109.2	21.33	105.3	20.46	98.7	19.02
	11.0	9.8	127.2	23.19	120.3	21.72	112.8	20.70	109.2	19.92	105.3	19.11	98.7	17.76
	13.0	11.8	127.2	21.72	120.3	20.34	112.8	19.41	109.2	18.66	105.3	17.88	98.7	16.62
	15.0	13.7	127.2	20.52	120.3	19.23	112.8	18.33	109.2	17.61	105.3	16.92	98.7	15.72
50	-24.8	-25	106.2	46.86	100.2	47.25	94.2	44.79	91.2	42.48	87.9	40.29	81.9	38.25
	-21.8	-22	106.2	47.25	100.2	44.79	94.2	42.48	91.2	40.29	87.9	38.25	81.9	36.27
	-19.8	-20	106.2	45.54	100.2	43.14	94.2	40.92	91.2	38.82	87.9	36.87	81.9	34.95
	-18.8	-19	106.2	44.67	100.2	42.30	94.2	40.17	91.2	38.10	87.9	36.21	81.9	34.32
	-16.7	-17	106.2	42.87	100.2	40.59	94.2	38.55	91.2	36.54	87.9	34.77	81.9	32.94
	-13.7	-15	106.2	40.29	100.2	38.10	94.2	36.21	91.2	34.35	87.9	32.73	81.9	30.96
	-11.8	-13	106.2	38.64	100.2	36.54	94.2	34.77	91.2	32.97	87.9	31.44	81.9	29.73
	-9.8	-11	106.2	36.93	100.2	34.89	94.2	33.21	91.2	31.50	87.9	30.06	81.9	28.41
	-9.5	-10	106.2	36.66	100.2	34.65	94.2	32.97	91.2	31.29	87.9	29.88	81.9	28.20
	-8.5	-9.1	106.2	35.82	100.2	33.81	94.2	32.22	91.2	30.57	87.9	29.19	81.9	27.54
	-7.0	-7.6	106.2	34.50	100.2	32.58	94.2	31.05	91.2	29.46	87.9	28.17	81.9	26.58
	-5.0	-5.6	106.2	32.79	100.2	30.93	94.2	29.52	91.2	28.02	87.9	26.82	81.9	25.26
	-3.0	-3.7	106.2	31.08	100.2	29.28	94.2	27.96	91.2	26.55	87.9	25.44	81.9	23.94
	0.0	-0.7	106.2	28.50	100.2	26.79	94.2	25.65	91.2	24.36	87.9	23.40	81.9	21.99
	3.0	2.2	106.2	25.89	100.2	24.33	94.2	23.34	91.2	22.17	87.9	21.36	81.9	20.01
	5.0	4.1	106.2	24.18	100.2	22.68	94.2	21.81	91.2	20.70	87.9	20.01	81.9	18.69
	7.0	6	106.2	22.47	100.2	21.03	94.2	20.25	91.2	19.23	87.9	18.63	81.9	17.40
	9.0	7.9	106.2	20.28	100.2	18.99	94.2	18.30	91.2	17.37	87.9	16.83	81.9	15.72
	11.0	9.8	106.2	18.99	100.2	17.76	94.2	17.10	91.2	16.26	87.9	15.75	81.9	14.70
	13.0	11.8	106.2	17.82	100.2	16.68	94.2	16.08	91.2	15.27	87.9	14.79	81.9	13.80
	15.0	13.7	106.2	16.86	100.2	15.78	94.2	15.21	91.2	14.43	87.9	14.01	81.9	13.05

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM620LTE5

Heating Capacity (62HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	124.6	61.70	124.6	62.30	123.8	62.84	123.8	63.64	123.8	64.44	122.2	65.66
	-21.8	-22	149.0	62.93	149.0	63.53	148.0	64.07	148.0	64.87	148.0	65.66	146.1	66.87
	-19.8	-20	156.0	63.73	156.0	64.35	154.9	64.87	154.9	65.70	154.9	66.46	152.9	67.69
	-18.8	-19	159.3	64.14	159.3	64.75	158.3	65.29	158.3	66.09	158.3	66.87	156.2	68.09
	-16.7	-17	166.5	65.01	166.5	65.61	165.4	66.15	165.4	66.95	165.4	67.72	163.1	68.95
	-13.7	-15	176.7	66.23	176.7	66.83	175.6	67.37	175.6	68.17	175.6	68.95	173.2	66.06
	-11.8	-13	182.4	67.00	182.4	67.60	181.3	68.14	181.3	68.95	181.3	66.99	179.4	64.23
	-9.8	-11	188.5	67.80	188.5	68.43	187.3	68.95	187.3	66.84	187.3	64.93	185.5	62.32
	-9.5	-10	189.6	67.95	189.6	68.54	188.5	68.63	188.5	66.51	188.2	64.62	186.5	62.02
	-8.5	-9.1	193.7	68.34	193.7	68.95	192.6	67.52	192.6	65.46	191.2	63.58	189.6	61.05
	-7.0	-7.6	199.9	68.95	199.9	67.30	198.6	65.88	198.6	63.85	198.6	62.03	195.6	59.61
	-5.0	-5.6	208.0	66.78	208.0	65.13	206.6	63.68	206.6	61.74	206.6	59.97	202.0	57.68
	-3.0	-3.7	216.1	64.60	216.1	62.94	214.7	61.48	214.7	59.61	214.7	57.90	208.7	55.76
	0.0	-0.7	228.0	61.34	228.0	59.66	226.8	58.18	226.8	56.44	226.8	54.80	218.1	52.87
	3.0	2.2	240.3	58.08	240.3	56.37	238.7	54.88	238.7	53.25	235.7	51.68	220.5	49.98
	5.0	4.1	247.4	55.90	247.4	54.18	246.1	52.69	243.7	51.14	236.8	49.61	220.5	48.05
	7.0	6	251.9	53.72	251.9	51.99	250.5	50.48	245.4	49.01	236.8	47.55	220.5	46.14
	9.0	7.9	252.5	51.91	252.5	50.23	251.7	48.77	245.4	47.34	236.8	45.94	220.5	44.57
	11.0	9.8	252.5	50.53	252.5	48.88	251.7	47.48	245.4	46.09	236.8	44.72	220.5	43.38
	13.0	11.8	252.5	49.04	252.5	47.47	251.7	46.08	245.4	44.74	236.8	43.42	220.5	42.12
	15.0	13.7	252.5	47.48	252.5	45.95	251.7	44.60	245.4	43.32	236.8	42.02	220.5	40.76
120	-24.8	-25	123.8	62.30	123.8	62.84	122.9	63.64	122.9	64.44	122.9	65.66	121.3	66.52
	-21.8	-22	148.0	63.53	148.0	64.07	147.0	64.87	147.0	65.66	147.0	66.87	145.1	67.72
	-19.8	-20	154.8	64.35	154.8	64.87	153.8	65.70	153.8	66.46	153.8	67.69	151.8	68.54
	-18.8	-19	158.2	64.75	158.2	65.29	157.2	66.09	157.2	66.87	157.2	68.09	155.2	68.95
	-16.7	-17	165.4	65.61	165.4	66.15	164.3	66.95	164.3	67.72	164.3	68.95	162.0	67.10
	-13.7	-15	175.3	66.83	175.3	67.37	174.3	68.17	174.3	68.95	174.3	66.16	172.0	64.45
	-11.8	-13	181.1	67.60	181.1	68.14	179.9	68.95	179.9	66.97	179.9	64.40	178.1	62.76
	-9.8	-11	187.1	68.43	187.1	68.95	186.0	66.76	186.0	64.89	186.0	62.54	184.3	60.99
	-9.5	-10	188.4	68.54	188.4	68.60	187.3	66.44	187.3	64.58	187.3	62.27	185.5	60.73
	-8.5	-9.1	192.4	68.95	192.4	67.42	191.2	65.32	191.2	63.53	191.0	61.35	189.1	59.84
	-7.0	-7.6	198.4	67.19	198.4	65.68	197.2	63.70	197.2	61.98	196.4	59.95	194.1	58.50
	-5.0	-5.6	206.5	64.83	206.5	63.34	205.1	61.50	205.1	59.88	205.1	58.09	200.8	56.73
	-3.0	-3.7	214.6	62.47	214.6	61.01	213.2	59.29	213.2	57.81	213.2	56.24	206.3	54.96
	0.0	-0.7	226.5	58.93	226.5	57.49	225.1	56.01	225.1	54.69	222.7	53.45	207.1	52.31
	3.0	2.2	238.7	55.38	238.7	53.98	235.3	52.73	230.0	51.57	222.8	50.67	207.1	49.66
	5.0	4.1	245.5	53.03	244.5	51.65	238.1	50.52	230.0	49.49	222.8	48.82	207.1	47.89
	7.0	6	250.0	50.67	247.8	49.30	238.1	48.32	230.0	47.40	222.8	46.96	207.1	46.12
	9.0	7.9	250.5	48.85	247.8	47.52	238.1	46.60	230.0	45.71	222.8	45.28	207.1	44.46
	11.0	9.8	250.5	47.46	247.8	46.16	238.1	45.25	230.0	44.39	222.8	43.97	207.1	43.20
	13.0	11.8	250.5	45.96	247.8	44.71	238.1	43.83	230.0	43.00	222.8	42.59	207.1	41.83
	15.0	13.7	250.5	44.37	247.8	43.16	238.1	42.33	230.0	41.51	222.8	41.12	207.1	40.38
110	-24.8	-25	123.0	62.84	123.0	63.64	122.3	64.44	122.3	65.66	122.3	66.52	120.7	66.91
	-21.8	-22	147.3	64.07	147.3	64.87	146.3	65.66	146.3	66.87	146.3	67.72	144.4	68.14
	-19.8	-20	153.9	64.87	153.9	65.70	153.1	66.46	153.1	67.69	153.1	68.54	150.8	68.95
	-18.8	-19	157.3	65.29	157.3	66.09	156.3	66.87	156.3	68.09	156.3	68.95	154.2	67.98
	-16.7	-17	164.4	66.15	164.4	66.95	163.3	67.72	163.3	68.95	163.3	66.96	161.0	65.96
	-13.7	-15	174.5	67.37	174.5	68.17	173.2	68.95	173.2	65.93	173.2	64.11	173.2	63.06
	-11.8	-13	180.2	68.14	180.2	68.95	178.9	66.80	178.9	64.02	178.9	62.31	178.9	61.24
	-9.8	-11	186.1	68.95	186.1	66.54	185.0	64.56	185.0	62.00	185.0	60.42	183.9	59.31
	-9.5	-10	187.3	68.55	187.3	66.15	186.3	64.22	186.3	61.70	186.3	60.14	185.8	59.01
	-8.5	-9.1	191.4	67.25	191.4	64.95	190.1	63.10	190.1	60.67	190.1	59.17	186.4	58.05
	-7.0	-7.6	197.4	65.26	197.4	63.12	196.2	61.40	196.2	59.16	196.2	57.77	186.4	56.61
	-5.0	-5.6	205.4	62.63	205.4	60.69	204.0	59.15	204.0	57.15	199.5	55.86	186.4	54.67
	-3.0	-3.7	213.2	60.01	213.2	58.28	211.7	56.88	206.6	55.13	199.5	53.96	186.4	52.76
	0.0	-0.7	225.3	56.05	224.5	54.64	213.5	53.50	206.6	52.10	199.5	51.13	186.4	49.86
	3.0	2.2	236.4	52.10	227.5	50.98	213.5	50.11	206.6	49.10	199.5	48.27	186.4	46.97
	5.0	4.1	240.8	49.47	227.5	48.56	213.5	47.87	206.6	47.08	199.5	46.38	186.4	45.03
	7.0	6	240.8	46.82	227.5	46.12	213.5	45.61	206.6	45.05	199.5	44.47	186.4	43.10
	9.0	7.9	240.8	44.96	227.5	44.28	213.5	43.80	206.6	43.27	199.5	42.70	186.4	41.38
	11.0	9.8	240.8	43.46	227.5	42.82	213.5	42.33	206.6	41.81	199.5	41.27	186.4	40.00
	13.0	11.8	240.8	41.87	227.5	41.26	213.5	40.79	206.6	40.29	199.5	39.77	186.4	38.56
	15.0	13.7	240.8	40.21	227.5	39.60	213.5	39.15	206.6	38.68	199.5	38.19	186.4	37.00

7. Capacity Tables

Heating Capacity (62HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	122.4	68.56	122.4	68.61	121.8	65.04	121.8	68.73	121.8	68.80	120.1	68.82
	-21.8	-22	146.5	68.65	146.5	68.69	145.7	67.10	145.7	68.82	145.7	69.67	143.6	68.91
	-19.8	-20	153.3	68.69	153.3	68.73	152.3	68.40	152.3	68.86	152.3	69.19	150.3	68.95
	-18.8	-19	156.7	68.71	155.7	68.78	155.7	68.82	155.7	68.88	155.7	68.95	153.6	67.79
	-16.7	-17	162.7	68.77	162.7	68.83	162.7	69.67	161.8	68.95	161.8	66.55	159.5	65.38
	-13.7	-15	173.6	68.85	173.6	68.90	172.6	68.95	172.6	65.46	172.6	63.14	170.3	61.91
	-11.8	-13	179.2	68.91	178.2	68.95	178.2	66.59	178.2	63.23	178.2	60.95	170.3	59.70
	-9.8	-11	185.1	68.95	185.1	66.29	184.4	64.10	184.4	60.91	182.9	58.68	170.3	57.39
	-9.5	-10	186.3	68.53	186.3	65.88	185.4	63.71	185.4	60.55	182.9	58.34	170.3	57.05
	-8.5	-9.1	190.4	67.12	190.4	64.57	189.4	62.48	189.1	59.37	182.9	57.18	170.3	55.90
	-7.0	-7.6	199.5	65.01	198.8	62.55	195.3	60.59	189.1	57.63	182.9	55.48	170.3	54.15
	-5.0	-5.6	208.3	62.20	206.2	59.90	195.3	58.10	189.1	55.30	182.9	53.19	170.3	51.85
	-3.0	-3.7	214.3	59.39	207.7	57.24	195.3	55.62	189.1	52.95	182.9	50.92	170.3	49.54
	0.0	-0.7	220.3	55.19	207.7	53.24	195.3	51.87	189.1	49.46	182.9	47.48	170.3	46.07
	3.0	2.2	220.3	50.96	207.7	49.24	195.3	48.13	189.1	45.96	182.9	44.08	170.3	42.60
	5.0	4.1	220.3	48.15	207.7	46.58	195.3	45.64	189.1	43.61	182.9	41.78	170.3	40.29
	7.0	6	220.3	45.34	207.7	43.92	195.3	43.15	189.1	41.27	182.9	39.50	170.3	37.98
	9.0	7.9	220.3	43.07	207.7	41.72	195.3	40.99	189.1	39.22	182.9	37.54	170.3	36.08
	11.0	9.8	220.3	41.15	207.7	39.86	195.3	39.17	189.1	37.47	182.9	35.85	170.3	34.48
	13.0	11.8	220.3	39.13	207.7	37.89	195.3	37.23	189.1	35.62	182.9	34.09	170.3	32.77
	15.0	13.7	220.3	37.00	207.7	35.82	195.3	35.20	189.1	33.68	182.9	32.23	170.3	30.99
90	-24.8	-25	122.0	61.53	122.0	62.75	121.3	63.61	121.3	64.01	121.3	64.84	119.7	66.06
	-21.8	-22	145.9	62.75	145.9	63.98	145.1	64.84	145.1	65.24	145.1	66.06	143.0	63.07
	-19.8	-20	152.7	63.58	152.7	64.78	151.7	65.64	151.7	66.06	151.7	64.01	149.8	61.10
	-18.8	-19	156.7	63.98	155.7	65.21	155.1	66.06	155.1	65.00	155.1	62.99	153.0	60.11
	-16.7	-17	162.7	64.84	162.7	66.06	161.9	63.85	161.9	62.77	161.9	60.85	155.6	58.03
	-13.7	-15	173.6	66.06	173.6	62.77	172.0	60.72	172.0	59.62	167.6	57.78	155.6	55.05
	-11.8	-13	179.2	63.79	178.2	60.69	177.6	58.73	173.2	57.61	167.6	55.83	155.6	53.17
	-9.8	-11	185.1	61.42	185.1	58.52	178.7	56.65	173.2	55.49	167.6	53.80	155.6	51.19
	-9.5	-10	186.3	61.05	186.3	58.18	178.7	56.33	173.2	55.17	167.6	53.49	155.6	50.90
	-8.5	-9.1	190.4	59.87	188.9	57.11	178.7	55.28	173.2	54.11	167.6	52.47	155.6	49.89
	-7.0	-7.6	199.5	58.08	189.7	55.46	178.7	53.71	173.2	52.53	167.6	50.93	155.6	48.41
	-5.0	-5.6	201.7	55.70	189.7	53.27	178.7	51.63	173.2	50.43	167.6	48.88	155.6	46.44
	-3.0	-3.7	201.7	53.33	189.7	51.09	178.7	49.54	173.2	48.30	167.6	46.83	155.6	44.44
	0.0	-0.7	201.7	49.76	189.7	47.80	178.7	46.40	173.2	45.14	167.6	43.79	155.6	41.47
	3.0	2.2	201.7	46.19	189.7	44.53	178.7	43.27	173.2	41.98	167.6	40.72	155.6	38.51
	5.0	4.1	201.7	43.81	189.7	42.33	178.7	41.16	173.2	39.86	167.6	38.67	155.6	36.51
	7.0	6	201.7	41.43	189.7	40.16	178.7	39.07	173.2	37.75	167.6	36.62	155.6	34.54
	9.0	7.9	201.7	39.21	189.7	38.01	178.7	37.00	173.2	35.73	167.6	34.67	155.6	32.68
	11.0	9.8	201.7	36.99	189.7	35.87	178.7	34.89	173.2	33.71	167.6	32.70	155.6	30.84
	13.0	11.8	201.7	34.78	189.7	33.71	178.7	32.80	173.2	31.68	167.6	30.75	155.6	28.99
	15.0	13.7	201.7	32.56	189.7	31.55	178.7	30.72	173.2	29.65	167.6	28.78	155.6	27.15
80	-24.8	-25	121.4	54.04	121.4	55.27	120.8	56.13	120.8	56.53	120.8	58.58	119.1	55.96
	-21.8	-22	144.4	55.27	144.4	56.50	144.4	57.35	144.4	58.58	144.4	55.96	139.1	53.46
	-19.8	-20	151.1	56.09	151.1	57.30	151.1	58.58	151.1	56.71	149.0	54.21	139.1	51.79
	-18.8	-19	154.5	56.50	154.5	58.58	154.5	57.62	153.8	55.79	149.4	53.34	139.1	50.96
	-16.7	-17	159.8	58.58	159.8	56.59	159.8	55.65	155.0	53.86	149.4	51.51	139.1	49.21
	-13.7	-15	167.0	55.64	163.9	53.77	159.8	52.81	155.0	51.06	149.4	48.89	139.1	46.71
	-11.8	-13	171.8	53.76	166.7	51.97	159.8	51.01	155.0	49.30	149.4	47.23	139.1	45.11
	-9.8	-11	176.4	51.79	168.9	50.09	159.8	49.12	155.0	47.45	149.4	45.49	139.1	43.45
	-9.5	-10	177.5	51.50	169.7	49.80	159.8	48.83	155.0	47.18	149.4	45.22	139.1	43.19
	-8.5	-9.1	179.2	50.53	170.3	48.87	159.8	47.90	155.0	46.24	149.4	44.34	139.1	42.37
	-7.0	-7.6	180.7	49.05	170.3	47.45	159.8	46.47	155.0	44.85	149.4	43.05	139.1	41.11
	-5.0	-5.6	180.7	47.08	170.3	45.58	159.8	44.60	155.0	42.99	149.4	41.28	139.1	39.45
	-3.0	-3.7	180.7	45.11	170.3	43.69	159.8	42.70	155.0	41.15	149.4	39.55	139.1	37.76
	0.0	-0.7	180.7	42.16	170.3	40.87	159.8	39.87	155.0	38.36	149.4	36.92	139.1	35.26
	3.0	2.2	180.7	39.22	170.3	38.03	159.8	37.03	155.0	35.57	149.4	34.30	139.1	32.77
	5.0	4.1	180.7	37.25	170.3	36.15	159.8	35.14	155.0	33.72	149.4	32.57	139.1	31.10
	7.0	6	180.7	35.29	170.3	34.26	159.8	33.26	155.0	31.87	149.4	30.82	139.1	29.42
	9.0	7.9	180.7	33.13	170.3	32.17	159.8	31.23	155.0	29.93	149.4	28.94	139.1	27.64
	11.0	9.8	180.7	30.76	170.3	29.87	159.8	28.99	155.0	27.77	149.4	26.85	139.1	25.65
	13.0	11.8	180.7	28.71	170.3	27.88	159.8	27.06	155.0	25.92	149.4	25.08	139.1	23.93
	15.0	13.7	180.7	27.02	170.3	26.23	159.8	25.46	155.0	24.40	149.4	23.61	139.1	22.53

7. Capacity Tables

Heating Capacity (62HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	121.4	54.45	121.4	54.85	120.8	55.68	120.8	56.90	120.8	54.11	118.0	51.48
	-21.8	-22	137.0	55.68	137.0	56.07	136.0	56.90	131.4	54.11	127.5	51.48	118.9	48.96
	-19.8	-20	147.2	56.50	144.7	56.90	136.0	54.93	131.4	52.24	127.5	49.74	118.9	47.30
	-18.8	-19	151.4	56.90	144.7	55.87	136.0	53.93	131.4	51.29	127.5	48.87	118.9	46.45
	-16.7	-17	153.1	54.77	144.7	53.72	136.0	51.87	131.4	49.34	127.5	47.04	118.9	44.69
	-13.7	-15	153.1	51.73	144.7	50.66	136.0	48.91	131.4	46.53	127.5	44.43	118.9	42.18
	-11.8	-13	153.1	49.78	144.7	48.71	136.0	47.04	131.4	44.75	127.5	42.76	118.9	40.58
	-9.8	-11	153.1	47.78	144.7	46.68	136.0	45.07	131.4	42.89	127.5	41.03	118.9	38.90
	-9.5	-10	153.1	47.45	144.7	46.36	136.0	44.78	131.4	42.62	127.5	40.78	118.9	38.65
	-8.5	-9.1	153.1	46.45	144.7	45.35	136.0	43.79	131.4	41.68	127.5	39.90	118.9	37.82
	-7.0	-7.6	153.1	44.93	144.7	43.82	136.0	42.31	131.4	40.29	127.5	38.60	118.9	36.56
	-5.0	-5.6	153.1	42.90	144.7	41.77	136.0	40.34	131.4	38.41	127.5	36.84	118.9	34.88
	-3.0	-3.7	153.1	40.88	144.7	39.72	136.0	38.37	131.4	36.54	127.5	35.10	118.9	33.20
	0.0	-0.7	153.1	37.83	144.7	36.66	136.0	35.41	131.4	33.75	127.5	32.49	118.9	30.68
	3.0	2.2	153.1	34.79	144.7	33.58	136.0	32.45	131.4	30.95	127.5	29.89	118.9	28.16
	5.0	4.1	153.1	32.76	144.7	31.53	136.0	30.48	131.4	29.09	127.5	28.13	118.9	26.50
	7.0	6	153.1	30.72	144.7	29.50	136.0	28.51	131.4	27.22	127.5	26.39	118.9	24.82
	9.0	7.9	153.1	27.75	144.7	26.64	136.0	25.74	131.4	24.57	127.5	23.83	118.9	22.41
	11.0	9.8	153.1	25.85	144.7	24.80	136.0	23.97	131.4	22.88	127.5	22.20	118.9	20.85
	13.0	11.8	153.1	24.18	144.7	23.20	136.0	22.42	131.4	21.41	127.5	20.76	118.9	19.53
	15.0	13.7	153.1	22.79	144.7	21.88	136.0	21.15	131.4	20.18	127.5	19.58	118.9	18.40
60	-24.8	-25	117.4	53.55	117.4	54.38	116.7	55.61	112.7	52.66	108.9	49.89	101.9	47.31
	-21.8	-22	125.7	54.78	124.4	55.61	116.7	52.66	112.7	49.89	108.9	47.31	101.9	44.81
	-19.8	-20	131.4	55.61	124.4	53.52	116.7	50.69	112.7	48.05	108.9	45.57	101.9	43.15
	-18.8	-19	131.4	54.56	124.4	52.48	116.7	49.71	112.7	47.13	108.9	44.71	101.9	42.31
	-16.7	-17	131.4	52.33	124.4	50.27	116.7	47.65	112.7	45.21	108.9	42.91	101.9	40.57
	-13.7	-15	131.4	49.15	124.4	47.14	116.7	44.69	112.7	42.45	108.9	40.32	101.9	38.07
	-11.8	-13	131.4	47.15	124.4	45.16	116.7	42.81	112.7	40.69	108.9	38.68	101.9	36.51
	-9.8	-11	131.4	45.03	124.4	43.07	116.7	40.86	112.7	38.86	108.9	36.95	101.9	34.83
	-9.5	-10	131.4	44.70	124.4	42.77	116.7	40.57	112.7	38.57	108.9	36.69	101.9	34.58
	-8.5	-9.1	131.4	43.65	124.4	41.73	116.7	39.58	112.7	37.67	108.9	35.82	101.9	33.76
	-7.0	-7.6	131.4	42.07	124.4	40.16	116.7	38.10	112.7	36.28	108.9	34.52	101.9	32.52
	-5.0	-5.6	131.4	39.95	124.4	38.07	116.7	36.15	112.7	34.44	108.9	32.81	101.9	30.84
	-3.0	-3.7	131.4	37.84	124.4	35.98	116.7	34.18	112.7	32.60	108.9	31.07	101.9	29.18
	0.0	-0.7	131.4	34.66	124.4	32.83	116.7	31.23	112.7	29.83	108.9	28.49	101.9	26.69
	3.0	2.2	131.4	31.50	124.4	29.71	116.7	28.27	112.7	27.08	108.9	25.89	101.9	24.19
	5.0	4.1	131.4	29.39	124.4	27.62	116.7	26.32	112.7	25.24	108.9	24.17	101.9	22.53
	7.0	6	131.4	27.26	124.4	25.54	116.7	24.35	112.7	23.39	108.9	22.45	101.9	20.85
	9.0	7.9	131.4	24.33	124.4	22.78	116.7	21.72	112.7	20.89	108.9	20.02	101.9	18.61
	11.0	9.8	131.4	22.71	124.4	21.27	116.7	20.27	112.7	19.49	108.9	18.70	101.9	17.39
	13.0	11.8	131.4	21.27	124.4	19.91	116.7	19.01	112.7	18.27	108.9	17.51	101.9	16.29
	15.0	13.7	131.4	20.10	124.4	18.84	116.7	17.96	112.7	17.24	108.9	16.56	101.9	15.40
50	-24.8	-25	109.6	47.40	103.4	48.62	97.2	45.99	94.1	43.51	90.9	41.19	84.7	39.03
	-21.8	-22	109.6	48.62	103.4	45.99	97.2	43.51	94.1	41.19	90.9	39.03	84.7	36.95
	-19.8	-20	109.6	46.77	103.4	44.22	97.2	41.87	94.1	39.62	90.9	37.58	84.7	35.55
	-18.8	-19	109.6	45.85	103.4	43.32	97.2	41.06	94.1	38.86	90.9	36.87	84.7	34.88
	-16.7	-17	109.6	43.91	103.4	41.50	97.2	39.33	94.1	37.22	90.9	35.34	84.7	33.42
	-13.7	-15	109.6	41.14	103.4	38.83	97.2	36.85	94.1	34.90	90.9	33.17	84.7	31.34
	-11.8	-13	109.6	39.38	103.4	37.16	97.2	35.28	94.1	33.42	90.9	31.81	84.7	30.04
	-9.8	-11	109.6	37.53	103.4	35.40	97.2	33.64	94.1	31.87	90.9	30.36	84.7	28.64
	-9.5	-10	109.6	37.25	103.4	35.15	97.2	33.39	94.1	31.64	90.9	30.16	84.7	28.44
	-8.5	-9.1	109.6	36.32	103.4	34.25	97.2	32.58	94.1	30.87	90.9	29.44	84.7	27.75
	-7.0	-7.6	109.6	34.93	103.4	32.94	97.2	31.34	94.1	29.70	90.9	28.35	84.7	26.71
	-5.0	-5.6	109.6	33.08	103.4	31.18	97.2	29.71	94.1	28.15	90.9	26.91	84.7	25.34
	-3.0	-3.7	109.6	31.23	103.4	29.41	97.2	28.04	94.1	26.60	90.9	25.46	84.7	23.94
	0.0	-0.7	109.6	28.47	103.4	26.75	97.2	25.59	94.1	24.28	90.9	23.29	84.7	21.87
	3.0	2.2	109.6	25.69	103.4	24.12	97.2	23.11	94.1	21.94	90.9	21.13	84.7	19.79
	5.0	4.1	109.6	23.84	103.4	22.35	97.2	21.48	94.1	20.39	90.9	19.69	84.7	18.42
	7.0	6	109.6	21.99	103.4	20.59	97.2	19.84	94.1	18.84	90.9	18.24	84.7	17.03
	9.0	7.9	109.6	19.85	103.4	18.59	97.2	17.92	94.1	17.02	90.9	16.49	84.7	15.38
	11.0	9.8	109.6	18.59	103.4	17.39	97.2	16.76	94.1	15.92	90.9	15.42	84.7	14.38
	13.0	11.8	109.6	17.45	103.4	16.34	97.2	15.73	94.1	14.95	90.9	14.48	84.7	13.52
	15.0	13.7	109.6	16.51	103.4	15.46	97.2	14.89	94.1	14.14	90.9	13.70	84.7	12.79

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM640LTE5

Heating Capacity (64HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	126.8	65.30	126.8	65.86	126.0	66.36	126.0	67.10	126.0	67.84	124.4	68.96
	-21.8	-22	152.8	66.44	152.8	67.00	151.8	67.50	151.8	68.24	151.8	68.96	149.8	70.08
	-19.8	-20	160.6	67.18	160.6	67.76	159.4	68.24	159.4	69.00	159.4	69.70	157.4	70.84
	-18.8	-19	164.0	67.56	164.0	68.12	163.0	68.62	163.0	69.36	163.0	70.08	160.8	71.20
	-16.7	-17	171.6	68.36	171.6	68.92	170.6	69.42	170.6	70.16	170.6	70.86	168.2	72.00
	-13.7	-15	182.4	69.50	182.4	70.04	181.4	70.54	181.4	71.28	181.4	72.00	178.8	69.10
	-11.8	-13	188.4	70.20	188.4	70.76	187.2	71.26	187.2	72.00	187.2	70.04	185.4	67.26
	-9.8	-11	194.6	70.94	194.6	71.52	193.4	72.00	193.4	69.90	193.4	67.98	191.8	65.34
	-9.5	-10	195.8	71.08	195.8	71.62	194.6	71.68	194.6	69.58	194.4	67.66	192.8	65.04
	-8.5	-9.1	200.0	71.44	200.0	72.00	198.8	70.58	198.8	68.52	197.4	66.62	196.2	64.06
	-7.0	-7.6	206.4	72.00	206.4	70.38	205.0	68.96	205.0	66.92	205.0	65.08	202.4	62.62
	-5.0	-5.6	214.6	69.88	214.6	68.24	213.2	66.78	213.2	64.82	213.2	63.02	209.2	60.68
	-3.0	-3.7	223.0	67.76	223.0	66.08	221.6	64.60	221.6	62.70	221.6	60.94	216.2	58.74
	0.0	-0.7	235.2	64.58	235.2	62.86	234.0	61.32	234.0	59.54	234.0	57.84	226.2	55.84
	3.0	2.2	247.8	61.40	247.8	59.62	246.2	58.06	246.2	56.36	243.2	54.72	227.6	52.94
	5.0	4.1	255.2	59.28	255.2	57.46	253.8	55.88	251.4	54.26	244.4	52.64	227.6	51.00
	7.0	6	259.8	57.14	259.8	55.30	258.4	53.70	253.4	52.14	244.4	50.58	227.6	49.08
	9.0	7.9	260.6	55.38	260.6	53.60	259.8	52.04	253.4	50.52	244.4	49.02	227.6	47.56
	11.0	9.8	260.6	54.10	260.6	52.34	259.8	50.84	253.4	49.34	244.4	47.88	227.6	46.44
	13.0	11.8	260.6	52.70	260.6	51.02	259.8	49.52	253.4	48.08	244.4	46.66	227.6	45.26
	15.0	13.7	260.6	51.24	260.6	49.58	259.8	48.12	253.4	46.74	244.4	45.34	227.6	43.98
120	-24.8	-25	126.0	65.86	126.0	66.36	125.0	67.10	125.0	67.84	125.0	68.96	123.4	69.76
	-21.8	-22	151.8	67.00	151.8	67.50	150.8	68.24	150.8	68.96	150.8	70.08	148.8	70.86
	-19.8	-20	159.4	67.76	159.4	68.24	158.4	69.00	158.4	69.70	158.4	70.84	156.2	71.62
	-18.8	-19	163.0	68.12	163.0	68.62	162.0	69.36	162.0	70.08	162.0	71.20	159.8	72.00
	-16.7	-17	170.6	68.92	170.6	69.42	169.4	70.16	169.4	70.86	169.4	72.00	167.0	70.14
	-13.7	-15	181.0	70.04	181.0	70.54	180.0	71.28	180.0	72.00	180.0	69.20	177.6	67.48
	-11.8	-13	187.0	70.76	187.0	71.26	185.8	72.00	185.8	70.02	185.8	67.44	184.0	65.78
	-9.8	-11	193.2	71.52	193.2	72.00	192.0	69.82	192.0	67.94	192.0	65.58	190.6	64.00
	-9.5	-10	194.6	71.62	194.6	71.66	193.4	69.50	193.4	67.62	193.4	65.30	191.8	63.74
	-8.5	-9.1	198.6	72.00	198.6	70.48	197.4	68.38	197.4	66.58	197.4	64.38	195.6	62.84
	-7.0	-7.6	204.8	70.26	204.8	68.74	203.6	66.76	203.6	65.02	203.2	62.98	200.8	61.50
	-5.0	-5.6	213.2	67.92	213.2	66.42	211.6	64.56	211.6	62.92	211.6	61.12	208.0	59.72
	-3.0	-3.7	221.4	65.58	221.4	64.10	220.0	62.36	220.0	60.84	220.0	59.26	213.8	57.94
	0.0	-0.7	233.6	62.08	233.6	60.60	232.2	59.08	232.2	57.72	229.8	56.46	213.8	55.28
	3.0	2.2	246.2	58.56	246.2	57.10	242.8	55.80	237.4	54.60	230.0	53.68	213.8	52.62
	5.0	4.1	253.2	56.24	252.2	54.78	245.8	53.60	237.4	52.52	230.0	51.82	213.8	50.84
	7.0	6	258.0	53.90	255.8	52.44	245.8	51.40	237.4	50.42	230.0	49.96	213.8	49.06
	9.0	7.9	258.6	52.12	255.8	50.70	245.8	49.72	237.4	48.76	230.0	48.30	213.8	47.44
	11.0	9.8	258.6	50.80	255.8	49.40	245.8	48.42	237.4	47.50	230.0	47.06	213.8	46.24
	13.0	11.8	258.6	49.36	255.8	48.02	245.8	47.08	237.4	46.18	230.0	45.74	213.8	44.92
	15.0	13.7	258.6	47.84	255.8	46.54	245.8	45.64	237.4	44.76	230.0	44.34	213.8	43.54
110	-24.8	-25	125.2	66.36	125.2	67.10	124.4	67.84	124.4	68.96	124.4	69.76	122.8	70.12
	-21.8	-22	151.0	67.50	151.0	68.24	150.0	68.96	150.0	70.08	150.0	70.86	148.0	71.26
	-19.8	-20	158.4	68.24	158.4	69.00	157.6	69.70	157.6	70.84	157.6	71.62	155.2	72.00
	-18.8	-19	162.0	68.62	162.0	69.36	161.0	70.08	161.0	71.20	161.0	72.00	158.8	71.02
	-16.7	-17	169.6	69.42	169.6	70.16	168.4	70.86	168.4	72.00	168.4	70.00	166.0	68.98
	-13.7	-15	180.2	70.54	180.2	71.28	178.8	72.00	178.8	68.96	178.8	67.12	178.8	66.04
	-11.8	-13	186.0	71.26	186.0	72.00	184.8	69.84	184.8	67.04	184.8	65.30	184.8	64.20
	-9.8	-11	192.2	72.00	192.2	69.58	191.0	67.58	191.0	65.00	191.0	63.40	190.2	62.24
	-9.5	-10	193.4	71.60	193.4	69.18	192.4	67.24	192.4	64.70	192.4	63.12	191.8	61.94
	-8.5	-9.1	197.6	70.30	197.6	67.98	196.2	66.12	196.2	63.66	196.2	62.14	192.4	60.98
	-7.0	-7.6	203.8	68.30	203.8	66.14	202.6	64.40	202.6	62.14	202.6	60.72	192.4	59.52
	-5.0	-5.6	212.0	65.66	212.0	63.70	210.6	62.14	210.6	60.12	206.0	58.80	192.4	57.56
	-3.0	-3.7	220.0	63.04	220.0	61.28	218.4	59.86	213.2	58.08	206.0	56.88	192.4	55.62
	0.0	-0.7	232.4	59.06	231.6	57.62	220.4	56.46	213.2	55.02	206.0	54.02	192.4	52.68
	3.0	2.2	243.8	55.10	234.8	53.94	220.4	53.04	213.2	52.00	206.0	51.14	192.4	49.76
	5.0	4.1	248.6	52.46	234.8	51.52	220.4	50.80	213.2	49.96	206.0	49.24	192.4	47.80
	7.0	6	248.6	49.80	234.8	49.06	220.4	48.52	213.2	47.92	206.0	47.30	192.4	45.84
	9.0	7.9	248.6	47.96	234.8	47.24	220.4	46.72	213.2	46.16	206.0	45.54	192.4	44.14
	11.0	9.8	248.6	46.50	234.8	45.82	220.4	45.30	213.2	44.74	206.0	44.16	192.4	42.80
	13.0	11.8	248.6	44.96	234.8	44.30	220.4	43.80	213.2	43.26	206.0	42.70	192.4	41.40
	15.0	13.7	248.6	43.34	234.8	42.68	220.4	42.20	213.2	41.70	206.0	41.16	192.4	39.88

7. Capacity Tables

Heating Capacity (64HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	124.6	73.38	124.6	73.20	124.0	68.56	124.0	72.74	124.0	72.56	122.2	72.46
	-21.8	-22	150.2	73.12	150.2	72.92	149.4	70.72	149.4	72.48	149.4	73.26	147.2	72.20
	-19.8	-20	157.8	72.92	157.8	72.72	156.8	72.08	156.8	72.28	156.8	72.42	154.6	72.00
	-18.8	-19	161.4	72.82	160.4	72.66	160.4	72.48	160.4	72.18	160.4	72.00	158.2	70.82
	-16.7	-17	167.8	72.64	167.8	72.46	167.8	73.26	166.8	72.00	166.8	69.56	164.4	68.36
	-13.7	-15	179.2	72.36	179.2	72.18	178.2	72.00	178.2	68.46	178.2	66.08	175.8	64.82
	-11.8	-13	185.0	72.20	184.0	72.00	184.0	69.62	184.0	66.20	184.0	63.86	175.8	62.56
	-9.8	-11	191.2	72.00	191.2	69.32	190.4	67.10	190.4	63.84	188.8	61.54	175.8	60.20
	-9.5	-10	192.4	71.58	192.4	68.90	191.4	66.70	191.4	63.48	188.8	61.20	175.8	59.86
	-8.5	-9.1	196.6	70.16	196.6	67.58	195.6	65.46	195.2	62.28	188.8	60.02	175.8	58.68
	-7.0	-7.6	206.0	68.04	205.2	65.54	201.6	63.54	195.2	60.50	188.8	58.28	175.8	56.90
	-5.0	-5.6	215.0	65.20	212.8	62.86	201.6	61.02	195.2	58.14	188.8	55.96	175.8	54.56
	-3.0	-3.7	221.2	62.38	214.4	60.18	201.6	58.52	195.2	55.76	188.8	53.64	175.8	52.20
	0.0	-0.7	227.4	58.14	214.4	56.14	201.6	54.72	195.2	52.22	188.8	50.14	175.8	48.66
	3.0	2.2	227.4	53.88	214.4	52.10	201.6	50.94	195.2	48.66	188.8	46.68	175.8	45.12
	5.0	4.1	227.4	51.06	214.4	49.40	201.6	48.42	195.2	46.28	188.8	44.34	175.8	42.76
	7.0	6	227.4	48.22	214.4	46.72	201.6	45.90	195.2	43.90	188.8	42.02	175.8	40.40
	9.0	7.9	227.4	46.12	214.4	44.68	201.6	43.90	195.2	42.00	188.8	40.20	175.8	38.64
	11.0	9.8	227.4	44.40	214.4	43.00	201.6	42.26	195.2	40.42	188.8	38.68	175.8	37.20
	13.0	11.8	227.4	42.58	214.4	41.24	201.6	40.52	195.2	38.76	188.8	37.10	175.8	35.66
	15.0	13.7	227.4	40.66	214.4	39.36	201.6	38.68	195.2	37.02	188.8	35.42	175.8	34.06
90	-24.8	-25	124.2	65.28	124.2	66.40	123.4	67.20	123.4	67.56	123.4	68.34	121.8	69.46
	-21.8	-22	149.6	66.40	149.6	67.54	148.8	68.34	148.8	68.70	148.8	69.46	146.6	66.36
	-19.8	-20	157.2	67.18	157.2	68.28	156.2	69.08	156.2	69.46	156.2	67.34	154.2	64.32
	-18.8	-19	161.4	67.54	160.4	68.68	159.8	69.46	159.8	68.36	159.8	66.28	157.6	63.28
	-16.7	-17	167.8	68.34	167.8	69.46	167.0	67.18	167.0	66.06	167.0	64.06	160.6	61.12
	-13.7	-15	179.2	69.46	179.2	66.06	177.6	63.94	177.6	62.80	173.0	60.88	160.6	58.04
	-11.8	-13	185.0	67.12	184.0	63.92	183.4	61.88	178.8	60.72	173.0	58.86	160.6	56.08
	-9.8	-11	191.2	64.68	191.2	61.68	184.4	59.74	178.8	58.52	173.0	56.76	160.6	54.02
	-9.5	-10	192.4	64.30	192.4	61.32	184.4	59.40	178.8	58.18	173.0	56.44	160.6	53.72
	-8.5	-9.1	196.6	63.08	195.0	60.22	184.4	58.32	178.8	57.10	173.0	55.38	160.6	52.68
	-7.0	-7.6	206.0	61.24	195.8	58.52	184.4	56.70	178.8	55.46	173.0	53.78	160.6	51.14
	-5.0	-5.6	208.2	58.78	195.8	56.26	184.4	54.54	178.8	53.28	173.0	51.66	160.6	49.10
	-3.0	-3.7	208.2	56.34	195.8	54.00	184.4	52.38	178.8	51.08	173.0	49.54	160.6	47.02
	0.0	-0.7	208.2	52.66	195.8	50.60	184.4	49.14	178.8	47.80	173.0	46.38	160.6	43.94
	3.0	2.2	208.2	48.98	195.8	47.24	184.4	45.90	178.8	44.54	173.0	43.20	160.6	40.86
	5.0	4.1	208.2	46.52	195.8	44.96	184.4	43.72	178.8	42.34	173.0	41.08	160.6	38.78
	7.0	6	208.2	44.08	195.8	42.72	184.4	41.56	178.8	40.16	173.0	38.96	160.6	36.74
	9.0	7.9	208.2	41.78	195.8	40.50	184.4	39.42	178.8	38.06	173.0	36.94	160.6	34.82
	11.0	9.8	208.2	39.48	195.8	38.28	184.4	37.24	178.8	35.98	173.0	34.90	160.6	32.92
	13.0	11.8	208.2	37.20	195.8	36.06	184.4	35.08	178.8	33.88	173.0	32.88	160.6	31.00
	15.0	13.7	208.2	34.90	195.8	33.82	184.4	32.92	178.8	31.78	173.0	30.84	160.6	29.10
80	-24.8	-25	123.6	57.40	123.6	58.54	123.0	59.34	123.0	59.70	123.0	61.60	121.2	58.88
	-21.8	-22	148.0	58.54	148.0	59.68	148.0	60.46	148.0	61.60	148.0	58.88	143.6	56.28
	-19.8	-20	155.6	59.30	155.6	60.42	155.6	61.60	155.6	59.66	153.8	57.06	143.6	54.54
	-18.8	-19	159.2	59.68	159.2	61.60	159.2	60.60	158.8	58.70	154.2	56.16	143.6	53.68
	-16.7	-17	165.0	61.60	165.0	59.54	165.0	58.56	160.0	56.70	154.2	54.26	143.6	51.86
	-13.7	-15	172.4	58.56	169.2	56.62	165.0	55.62	160.0	53.80	154.2	51.54	143.6	49.26
	-11.8	-13	177.0	56.62	171.8	54.76	165.0	53.76	160.0	51.98	154.2	49.82	143.6	47.60
	-9.8	-11	181.8	54.58	174.2	52.82	165.0	51.80	160.0	50.06	154.2	48.02	143.6	45.88
	-9.5	-10	183.0	54.28	175.0	52.52	165.0	51.50	160.0	49.78	154.2	47.74	143.6	45.60
	-8.5	-9.1	184.8	53.28	175.8	51.56	165.0	50.54	160.0	48.80	154.2	46.82	143.6	44.76
	-7.0	-7.6	186.6	51.76	175.8	50.08	165.0	49.06	160.0	47.36	154.2	45.48	143.6	43.44
	-5.0	-5.6	186.6	49.72	175.8	48.16	165.0	47.12	160.0	45.44	154.2	43.64	143.6	41.72
	-3.0	-3.7	186.6	47.68	175.8	46.20	165.0	45.16	160.0	43.52	154.2	41.84	143.6	39.96
	0.0	-0.7	186.6	44.64	175.8	43.28	165.0	42.22	160.0	40.64	154.2	39.12	143.6	37.36
	3.0	2.2	186.6	41.60	175.8	40.34	165.0	39.28	160.0	37.74	154.2	36.40	143.6	34.78
	5.0	4.1	186.6	39.56	175.8	38.40	165.0	37.32	160.0	35.82	154.2	34.60	143.6	33.04
	7.0	6	186.6	37.54	175.8	36.44	165.0	35.38	160.0	33.90	154.2	32.78	143.6	31.30
	9.0	7.9	186.6	35.24	175.8	34.22	165.0	33.22	160.0	31.84	154.2	30.78	143.6	29.40
	11.0	9.8	186.6	32.72	175.8	31.78	165.0	30.84	160.0	29.54	154.2	28.56	143.6	27.28
	13.0	11.8	186.6	30.54	175.8	29.66	165.0	28.78	160.0	27.58	154.2	26.68	143.6	25.46
	15.0	13.7	186.6	28.74	175.8	27.90	165.0	27.08	160.0	25.96	154.2	25.12	143.6	23.96

7. Capacity Tables

Heating Capacity (64HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	123.6	57.58	123.6	57.96	123.0	58.72	123.0	59.84	123.0	56.94	121.0	54.20
	-21.8	-22	141.4	58.72	141.4	59.08	140.4	59.84	135.6	56.94	131.6	54.20	122.8	51.58
	-19.8	-20	153.2	59.48	149.4	59.84	140.4	57.80	135.6	55.00	131.6	52.40	122.8	49.84
	-18.8	-19	157.6	59.84	149.4	58.78	140.4	56.76	135.6	54.00	131.6	51.48	122.8	48.96
	-16.7	-17	158.0	57.64	149.4	56.54	140.4	54.62	135.6	51.98	131.6	49.58	122.8	47.12
	-13.7	-15	158.0	54.48	149.4	53.36	140.4	51.54	135.6	49.06	131.6	46.86	122.8	44.50
	-11.8	-13	158.0	52.46	149.4	51.34	140.4	49.60	135.6	47.20	131.6	45.12	122.8	42.84
	-9.8	-11	158.0	50.38	149.4	49.22	140.4	47.54	135.6	45.26	131.6	43.32	122.8	41.08
	-9.5	-10	158.0	50.04	149.4	48.90	140.4	47.24	135.6	44.98	131.6	43.06	122.8	40.82
	-8.5	-9.1	158.0	49.00	149.4	47.84	140.4	46.22	135.6	44.00	131.6	42.14	122.8	39.96
	-7.0	-7.6	158.0	47.42	149.4	46.26	140.4	44.68	135.6	42.56	131.6	40.78	122.8	38.64
	-5.0	-5.6	158.0	45.32	149.4	44.12	140.4	42.62	135.6	40.60	131.6	38.96	122.8	36.90
	-3.0	-3.7	158.0	43.22	149.4	42.00	140.4	40.58	135.6	38.66	131.6	37.14	122.8	35.14
	0.0	-0.7	158.0	40.06	149.4	38.82	140.4	37.50	135.6	35.76	131.6	34.42	122.8	32.52
	3.0	2.2	158.0	36.90	149.4	35.62	140.4	34.42	135.6	32.84	131.6	31.72	122.8	29.88
	5.0	4.1	158.0	34.80	149.4	33.48	140.4	32.38	135.6	30.90	131.6	29.88	122.8	28.16
	7.0	6	158.0	32.68	149.4	31.38	140.4	30.32	135.6	28.96	131.6	28.08	122.8	26.40
	9.0	7.9	158.0	29.52	149.4	28.34	140.4	27.38	135.6	26.14	131.6	25.34	122.8	23.84
	11.0	9.8	158.0	27.50	149.4	26.38	140.4	25.50	135.6	24.34	131.6	23.62	122.8	22.18
	13.0	11.8	158.0	25.72	149.4	24.68	140.4	23.84	135.6	22.78	131.6	22.08	122.8	20.78
	15.0	13.7	158.0	24.24	149.4	23.28	140.4	22.50	135.6	21.46	131.6	20.82	122.8	19.58
60	-24.8	-25	121.2	56.68	121.2	57.44	120.4	58.58	116.4	55.50	112.4	52.60	105.2	49.90
	-21.8	-22	129.8	57.82	128.4	58.58	120.4	55.50	116.4	52.60	112.4	49.90	105.2	47.28
	-19.8	-20	135.6	58.58	128.4	56.40	120.4	53.44	116.4	50.68	112.4	48.08	105.2	45.54
	-18.8	-19	135.6	57.48	128.4	55.32	120.4	52.42	116.4	49.72	112.4	47.18	105.2	44.66
	-16.7	-17	135.6	55.16	128.4	53.00	120.4	50.26	116.4	47.70	112.4	45.30	105.2	42.84
	-13.7	-15	135.6	51.84	128.4	49.74	120.4	47.16	116.4	44.82	112.4	42.58	105.2	40.22
	-11.8	-13	135.6	49.76	128.4	47.66	120.4	45.20	116.4	42.98	112.4	40.86	105.2	38.58
	-9.8	-11	135.6	47.54	128.4	45.48	120.4	43.16	116.4	41.06	112.4	39.06	105.2	36.82
	-9.5	-10	135.6	47.20	128.4	45.16	120.4	42.86	116.4	40.76	112.4	38.78	105.2	36.56
	-8.5	-9.1	135.6	46.10	128.4	44.08	120.4	41.82	116.4	39.82	112.4	37.88	105.2	35.70
	-7.0	-7.6	135.6	44.46	128.4	42.44	120.4	40.28	116.4	38.36	112.4	36.52	105.2	34.40
	-5.0	-5.6	135.6	42.24	128.4	40.26	120.4	38.24	116.4	36.44	112.4	34.72	105.2	32.64
	-3.0	-3.7	135.6	40.04	128.4	38.08	120.4	36.18	116.4	34.52	112.4	32.90	105.2	30.90
	0.0	-0.7	135.6	36.72	128.4	34.78	120.4	33.10	116.4	31.62	112.4	30.20	105.2	28.30
	3.0	2.2	135.6	33.42	128.4	31.52	120.4	30.00	116.4	28.74	112.4	27.48	105.2	25.68
	5.0	4.1	135.6	31.22	128.4	29.34	120.4	27.96	116.4	26.82	112.4	25.68	105.2	23.94
	7.0	6	135.6	29.00	128.4	27.16	120.4	25.90	116.4	24.88	112.4	23.88	105.2	22.18
	9.0	7.9	135.6	25.88	128.4	24.24	120.4	23.10	116.4	22.22	112.4	21.30	105.2	19.80
	11.0	9.8	135.6	24.16	128.4	22.62	120.4	21.56	116.4	20.74	112.4	19.90	105.2	18.50
	13.0	11.8	135.6	22.62	128.4	21.18	120.4	20.22	116.4	19.44	112.4	18.62	105.2	17.32
	15.0	13.7	135.6	21.38	128.4	20.04	120.4	19.10	116.4	18.34	112.4	17.62	105.2	16.38
50	-24.8	-25	113.2	50.00	106.8	51.12	100.4	48.38	97.2	45.80	93.8	43.38	87.4	41.12
	-21.8	-22	113.2	51.12	106.8	48.38	100.4	45.80	97.2	43.38	93.8	41.12	87.4	38.94
	-19.8	-20	113.2	49.20	106.8	46.54	100.4	44.08	97.2	41.74	93.8	39.60	87.4	37.48
	-18.8	-19	113.2	48.24	106.8	45.60	100.4	43.24	97.2	40.94	93.8	38.86	87.4	36.78
	-16.7	-17	113.2	46.22	106.8	43.70	100.4	41.44	97.2	39.22	93.8	37.26	87.4	35.26
	-13.7	-15	113.2	43.34	106.8	40.92	100.4	38.84	97.2	36.80	93.8	35.00	87.4	33.08
	-11.8	-13	113.2	41.50	106.8	39.18	100.4	37.22	97.2	35.26	93.8	33.58	87.4	31.72
	-9.8	-11	113.2	39.58	106.8	37.34	100.4	35.50	97.2	33.64	93.8	32.06	87.4	30.26
	-9.5	-10	113.2	39.28	106.8	37.08	100.4	35.24	97.2	33.40	93.8	31.86	87.4	30.04
	-8.5	-9.1	113.2	38.32	106.8	36.14	100.4	34.40	97.2	32.60	93.8	31.10	87.4	29.32
	-7.0	-7.6	113.2	36.86	106.8	34.78	100.4	33.10	97.2	31.38	93.8	29.96	87.4	28.24
	-5.0	-5.6	113.2	34.94	106.8	32.94	100.4	31.40	97.2	29.76	93.8	28.46	87.4	26.80
	-3.0	-3.7	113.2	33.02	106.8	31.10	100.4	29.66	97.2	28.14	93.8	26.94	87.4	25.34
	0.0	-0.7	113.2	30.14	106.8	28.32	100.4	27.10	97.2	25.72	93.8	24.68	87.4	23.18
	3.0	2.2	113.2	27.24	106.8	25.58	100.4	24.52	97.2	23.28	93.8	22.42	87.4	21.00
	5.0	4.1	113.2	25.32	106.8	23.74	100.4	22.82	97.2	21.66	93.8	20.92	87.4	19.56
	7.0	6	113.2	23.40	106.8	21.90	100.4	21.10	97.2	20.04	93.8	19.40	87.4	18.12
	9.0	7.9	113.2	21.12	106.8	19.78	100.4	19.06	97.2	18.10	93.8	17.54	87.4	16.36
	11.0	9.8	113.2	19.78	106.8	18.50	100.4	17.82	97.2	16.94	93.8	16.40	87.4	15.30
	13.0	11.8	113.2	18.56	106.8	17.38	100.4	16.74	97.2	15.90	93.8	15.40	87.4	14.38
	15.0	13.7	113.2	17.56	106.8	16.44	100.4	15.84	97.2	15.04	93.8	14.58	87.4	13.60

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM660LTE5

Heating Capacity (66HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	130.2	66.94	130.2	67.42	129.4	67.85	129.4	68.49	129.4	69.12	127.3	70.08
	-21.8	-22	157.7	67.92	157.7	68.40	156.6	68.83	156.6	69.47	156.6	70.08	154.1	71.05
	-19.8	-20	166.1	68.56	166.1	69.05	164.9	69.47	164.9	70.12	164.9	70.72	162.3	71.70
	-18.8	-19	169.6	68.88	169.6	69.36	168.6	69.79	168.6	70.43	168.6	71.05	165.8	72.01
	-16.7	-17	177.5	69.57	177.5	70.05	176.4	70.48	176.4	71.12	176.4	71.72	173.5	72.70
	-13.7	-15	188.6	70.55	188.6	71.01	187.6	71.44	187.6	72.08	187.6	72.70	184.4	69.91
	-11.8	-13	194.8	71.15	194.8	71.63	193.6	72.06	193.6	72.70	193.6	70.82	191.2	68.14
	-9.8	-11	201.2	71.79	201.2	72.28	200.0	72.70	200.0	70.70	200.0	68.85	198.1	66.29
	-9.5	-10	202.5	71.91	202.5	72.37	201.2	72.39	201.2	70.40	201.1	68.54	199.2	66.00
	-8.5	-9.1	206.6	72.22	206.6	72.70	205.3	71.36	205.3	69.38	204.1	67.55	202.8	65.06
	-7.0	-7.6	212.8	72.70	212.8	71.19	211.4	69.82	211.4	67.86	211.4	66.07	208.7	63.67
	-5.0	-5.6	220.9	70.73	220.9	69.17	219.5	67.77	219.5	65.87	219.5	64.10	215.8	61.81
	-3.0	-3.7	229.1	68.78	229.1	67.15	227.7	65.71	227.7	63.85	227.7	62.11	223.0	59.94
	0.0	-0.7	241.2	65.84	241.2	64.14	239.9	62.61	239.9	60.84	239.9	59.14	233.3	57.15
	3.0	2.2	253.6	62.90	253.6	61.11	251.9	59.53	251.9	57.81	250.4	56.16	234.7	54.35
	5.0	4.1	261.3	60.94	261.3	59.08	259.8	57.47	258.6	55.82	252.1	54.17	234.7	52.49
	7.0	6	267.6	58.96	267.6	57.06	266.0	55.41	261.3	53.80	252.1	52.19	234.7	50.64
	9.0	7.9	268.7	57.34	268.7	55.50	267.9	53.89	261.3	52.32	252.1	50.76	234.7	49.24
	11.0	9.8	268.7	56.23	268.7	54.41	267.9	52.84	261.3	51.29	252.1	49.77	234.7	48.27
	13.0	11.8	268.7	55.01	268.7	53.25	267.9	51.69	261.3	50.19	252.1	48.70	234.7	47.24
	15.0	13.7	268.7	53.73	268.7	51.99	267.9	50.47	261.3	49.01	252.1	47.55	234.7	46.12
120	-24.8	-25	129.3	67.42	129.3	67.85	128.4	68.49	128.4	69.12	128.4	70.08	126.3	70.77
	-21.8	-22	156.6	68.40	156.6	68.83	155.6	69.47	155.6	70.08	155.6	71.05	153.1	71.72
	-19.8	-20	164.8	69.05	164.8	69.47	163.8	70.12	163.8	70.72	163.8	71.70	161.0	72.37
	-18.8	-19	168.6	69.36	168.6	69.79	167.5	70.43	167.5	71.05	167.5	72.01	164.7	72.70
	-16.7	-17	176.4	70.05	176.4	70.48	175.2	71.12	175.2	71.72	175.2	72.70	172.2	70.90
	-13.7	-15	187.2	71.01	187.2	71.44	186.2	72.08	186.2	72.70	186.2	70.01	183.1	68.34
	-11.8	-13	193.4	71.63	193.4	72.06	192.2	72.70	192.2	70.80	192.2	68.32	189.8	66.71
	-9.8	-11	199.8	72.28	199.8	72.70	198.5	70.62	198.5	68.81	198.5	66.54	196.8	65.00
	-9.5	-10	201.2	72.37	201.2	72.38	199.9	70.31	199.9	68.50	199.9	66.27	198.0	64.75
	-8.5	-9.1	205.1	72.70	205.1	71.26	203.9	69.25	203.9	67.51	203.9	65.38	201.8	63.88
	-7.0	-7.6	211.2	71.06	211.2	69.60	209.9	67.70	209.9	66.01	209.7	64.05	207.1	62.59
	-5.0	-5.6	219.4	68.85	219.4	67.39	217.8	65.59	217.8	64.00	217.8	62.26	214.5	60.88
	-3.0	-3.7	227.5	66.64	227.5	65.19	226.1	63.50	226.1	62.01	226.1	60.47	220.5	59.17
	0.0	-0.7	239.5	63.34	239.5	61.86	238.1	60.37	238.1	59.02	236.9	57.79	220.5	56.61
	3.0	2.2	251.9	60.01	251.9	58.53	249.3	57.23	244.9	56.03	237.2	55.12	220.5	54.04
	5.0	4.1	259.3	57.82	258.8	56.33	253.4	55.14	244.9	54.03	237.2	53.33	220.5	52.33
	7.0	6	265.8	55.61	263.7	54.11	253.4	53.04	244.9	52.03	237.2	51.55	220.5	50.62
	9.0	7.9	266.6	53.96	263.7	52.49	253.4	51.47	244.9	50.48	237.2	50.00	220.5	49.11
	11.0	9.8	266.6	52.78	263.7	51.33	253.4	50.31	244.9	49.35	237.2	48.90	220.5	48.04
	13.0	11.8	266.6	51.49	263.7	50.10	253.4	49.11	244.9	48.17	237.2	47.71	220.5	46.86
	15.0	13.7	266.6	50.13	263.7	48.76	253.4	47.82	244.9	46.90	237.2	46.45	220.5	45.62
110	-24.8	-25	128.6	67.85	128.6	68.49	127.7	69.12	127.7	70.08	127.7	70.77	125.7	71.08
	-21.8	-22	155.7	68.83	155.7	69.47	154.7	70.08	154.7	71.05	154.7	71.72	152.2	72.06
	-19.8	-20	163.9	69.47	163.9	70.12	162.9	70.72	162.9	71.70	162.9	72.37	160.1	72.70
	-18.8	-19	167.6	69.79	167.6	70.43	166.5	71.05	166.5	72.01	166.5	72.70	163.8	71.75
	-16.7	-17	175.4	70.48	175.4	71.12	174.2	71.72	174.2	72.70	174.2	70.76	171.2	69.77
	-13.7	-15	186.3	71.44	186.3	72.08	185.0	72.70	185.0	69.76	185.0	67.98	185.0	66.91
	-11.8	-13	192.3	72.06	192.3	72.70	191.2	70.62	191.2	67.91	191.2	66.22	191.2	65.12
	-9.8	-11	198.8	72.70	198.8	70.37	197.5	68.43	197.5	65.93	197.5	64.38	196.7	63.22
	-9.5	-10	199.9	72.32	199.9	69.99	198.9	68.11	198.9	65.65	198.9	64.10	198.1	62.93
	-8.5	-9.1	204.0	71.06	204.0	68.83	202.7	67.03	202.7	64.65	202.7	63.16	198.4	62.00
	-7.0	-7.6	210.2	69.14	210.2	67.06	208.9	65.37	208.9	63.18	208.9	61.78	198.4	60.58
	-5.0	-5.6	218.2	66.61	218.2	64.71	216.8	63.19	216.8	61.23	212.5	59.93	198.4	58.68
	-3.0	-3.7	226.1	64.09	226.1	62.38	224.6	61.00	219.8	59.26	212.5	58.07	198.4	56.79
	0.0	-0.7	238.3	60.28	237.9	58.85	227.3	57.72	219.8	56.30	212.5	55.30	198.4	53.94
	3.0	2.2	249.9	56.47	242.2	55.32	227.3	54.42	219.8	53.38	212.5	52.52	198.4	51.10
	5.0	4.1	256.3	53.94	242.2	52.99	227.3	52.26	219.8	51.41	212.5	50.68	198.4	49.20
	7.0	6	256.4	51.39	242.2	50.62	227.3	50.06	219.8	49.45	212.5	48.81	198.4	47.30
	9.0	7.9	256.4	49.64	242.2	48.90	227.3	48.36	219.8	47.78	212.5	47.14	198.4	45.69
	11.0	9.8	256.4	48.31	242.2	47.60	227.3	47.06	219.8	46.48	212.5	45.88	198.4	44.46
	13.0	11.8	256.4	46.89	242.2	46.20	227.3	45.68	219.8	45.11	212.5	44.53	198.4	43.17
	15.0	13.7	256.4	45.39	242.2	44.70	227.3	44.20	219.8	43.67	212.5	43.11	198.4	41.77

7. Capacity Tables

Heating Capacity (66HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	128.0	74.71	128.0	74.45	127.3	69.50	127.3	73.78	127.3	73.51	125.1	73.37
	-21.8	-22	155.0	74.32	155.0	74.04	154.1	71.68	154.1	73.39	154.1	74.06	151.5	72.98
	-19.8	-20	163.2	74.04	163.2	73.76	162.2	73.05	162.2	73.11	162.2	73.15	159.4	72.70
	-18.8	-19	166.9	73.90	165.9	73.65	165.9	73.39	165.9	72.97	165.9	72.70	163.1	71.54
	-16.7	-17	173.5	73.63	173.5	73.36	173.5	74.06	172.5	72.70	172.5	70.31	169.6	69.12
	-13.7	-15	185.3	73.22	185.3	72.96	184.3	72.70	184.3	69.24	184.3	66.90	181.3	65.65
	-11.8	-13	191.3	72.98	190.3	72.70	190.3	70.39	190.3	67.04	190.3	64.73	181.3	63.44
	-9.8	-11	197.8	72.70	197.8	70.10	196.8	67.94	196.8	64.74	194.7	62.46	181.3	61.12
	-9.5	-10	198.9	72.29	198.9	69.70	197.9	67.56	197.9	64.39	194.7	62.13	181.3	60.78
	-8.5	-9.1	203.0	70.93	203.0	68.41	202.0	66.35	201.3	63.22	194.7	60.98	181.3	59.62
	-7.0	-7.6	212.5	68.88	211.6	66.44	207.9	64.49	201.3	61.48	194.7	59.27	181.3	57.88
	-5.0	-5.6	221.7	66.14	219.5	63.84	207.9	62.04	201.3	59.18	194.7	57.00	181.3	55.58
	-3.0	-3.7	228.1	63.42	221.1	61.24	207.9	59.61	201.3	56.87	194.7	54.73	181.3	53.27
	0.0	-0.7	234.5	59.32	221.1	57.33	207.9	55.92	201.3	53.41	194.7	51.30	181.3	49.79
	3.0	2.2	234.5	55.21	221.1	53.42	207.9	52.26	201.3	49.94	194.7	47.91	181.3	46.32
	5.0	4.1	234.5	52.49	221.1	50.80	207.9	49.81	201.3	47.62	194.7	45.62	181.3	44.00
	7.0	6	234.5	49.75	221.1	48.20	207.9	47.36	201.3	45.30	194.7	43.36	181.3	41.69
	9.0	7.9	234.5	47.77	221.1	46.28	207.9	45.48	201.3	43.50	194.7	41.63	181.3	40.03
	11.0	9.8	234.5	46.19	221.1	44.73	207.9	43.96	201.3	42.05	194.7	40.23	181.3	38.70
	13.0	11.8	234.5	44.51	221.1	43.11	207.9	42.35	201.3	40.52	194.7	38.77	181.3	37.28
	15.0	13.7	234.5	42.73	221.1	41.37	207.9	40.65	201.3	38.91	194.7	37.22	181.3	35.79
90	-24.8	-25	127.6	66.63	127.6	67.59	126.7	68.28	126.7	68.59	126.7	69.26	124.7	70.22
	-21.8	-22	154.4	67.59	154.4	68.57	153.5	69.26	153.5	69.57	153.5	70.22	150.8	67.16
	-19.8	-20	162.6	68.26	162.6	69.21	161.6	69.90	161.6	70.22	161.6	68.13	159.0	65.15
	-18.8	-19	166.9	68.57	165.9	69.55	165.3	70.22	165.3	69.14	165.3	67.09	162.5	64.12
	-16.7	-17	173.5	69.26	173.5	70.22	172.7	67.99	172.7	66.88	172.7	64.91	165.6	61.98
	-13.7	-15	185.3	70.22	185.3	66.90	183.7	64.81	183.7	63.68	178.4	61.78	165.6	58.95
	-11.8	-13	191.3	67.94	190.3	64.81	189.6	62.80	184.4	61.63	178.4	59.79	165.6	57.01
	-9.8	-11	197.8	65.56	197.8	62.61	190.2	60.70	184.4	59.48	178.4	57.72	165.6	54.97
	-9.5	-10	198.9	65.19	198.9	62.27	190.2	60.36	184.4	59.14	178.4	57.41	165.6	54.67
	-8.5	-9.1	203.0	64.01	201.4	61.18	190.2	59.31	184.4	58.08	178.4	56.36	165.6	53.66
	-7.0	-7.6	212.5	62.21	202.0	59.53	190.2	57.72	184.4	56.47	178.4	54.79	165.6	52.13
	-5.0	-5.6	214.8	59.81	202.0	57.32	190.2	55.60	184.4	54.32	178.4	52.70	165.6	50.11
	-3.0	-3.7	214.8	57.43	202.0	55.10	190.2	53.48	184.4	52.17	178.4	50.62	165.6	48.06
	0.0	-0.7	214.8	53.84	202.0	51.79	190.2	50.31	184.4	48.94	178.4	47.50	165.6	45.02
	3.0	2.2	214.8	50.26	202.0	48.50	190.2	47.13	184.4	45.74	178.4	44.37	165.6	41.97
	5.0	4.1	214.8	47.86	202.0	46.27	190.2	45.00	184.4	43.58	178.4	42.29	165.6	39.93
	7.0	6	214.8	45.48	202.0	44.08	190.2	42.88	184.4	41.43	178.4	40.20	165.6	37.91
	9.0	7.9	214.8	43.23	202.0	41.90	190.2	40.78	184.4	39.38	178.4	38.22	165.6	36.03
	11.0	9.8	214.8	40.97	202.0	39.72	190.2	38.65	184.4	37.34	178.4	36.22	165.6	34.16
	13.0	11.8	214.8	38.74	202.0	37.55	190.2	36.53	184.4	35.28	178.4	34.24	165.6	32.28
	15.0	13.7	214.8	36.48	202.0	35.36	190.2	34.41	184.4	33.23	178.4	32.24	165.6	30.42
80	-24.8	-25	127.0	58.66	127.0	59.64	126.3	60.33	126.3	60.64	126.3	62.27	124.1	59.59
	-21.8	-22	152.7	59.64	152.7	60.62	152.7	61.29	152.7	62.27	152.7	59.59	148.1	57.02
	-19.8	-20	160.9	60.29	160.9	61.26	160.9	62.27	160.9	60.36	158.8	57.79	148.1	55.29
	-18.8	-19	164.6	60.62	164.6	62.27	164.6	61.30	164.2	59.42	159.0	56.91	148.1	54.44
	-16.7	-17	170.2	62.27	170.2	60.26	170.2	59.29	165.0	57.44	159.0	55.03	148.1	52.64
	-13.7	-15	177.8	59.30	174.5	57.39	170.2	56.40	165.0	54.59	159.0	52.35	148.1	50.07
	-11.8	-13	182.5	57.40	177.1	55.57	170.2	54.57	165.0	52.80	159.0	50.64	148.1	48.43
	-9.8	-11	187.4	55.41	179.6	53.67	170.2	52.65	165.0	50.90	159.0	48.87	148.1	46.72
	-9.5	-10	188.7	55.11	180.5	53.37	170.2	52.35	165.0	50.62	159.0	48.59	148.1	46.45
	-8.5	-9.1	190.5	54.13	181.2	52.43	170.2	51.40	165.0	49.66	159.0	47.69	148.1	45.61
	-7.0	-7.6	192.4	52.64	181.2	50.98	170.2	49.95	165.0	48.24	159.0	46.36	148.1	44.31
	-5.0	-5.6	192.4	50.65	181.2	49.09	170.2	48.04	165.0	46.35	159.0	44.55	148.1	42.60
	-3.0	-3.7	192.4	48.66	181.2	47.17	170.2	46.12	165.0	44.45	159.0	42.77	148.1	40.87
	0.0	-0.7	192.4	45.68	181.2	44.30	170.2	43.23	165.0	41.62	159.0	40.08	148.1	38.30
	3.0	2.2	192.4	42.71	181.2	41.43	170.2	40.34	165.0	38.77	159.0	37.40	148.1	35.74
	5.0	4.1	192.4	40.71	181.2	39.52	170.2	38.41	165.0	36.87	159.0	35.62	148.1	34.02
	7.0	6	192.4	38.73	181.2	37.60	170.2	36.50	165.0	34.98	159.0	33.82	148.1	32.30
	9.0	7.9	192.4	36.36	181.2	35.31	170.2	34.27	165.0	32.85	159.0	31.76	148.1	30.33
	11.0	9.8	192.4	33.76	181.2	32.79	170.2	31.82	165.0	30.48	159.0	29.47	148.1	28.15
	13.0	11.8	192.4	31.51	181.2	30.60	170.2	29.69	165.0	28.46	159.0	27.53	148.1	26.27
	15.0	13.7	192.4	29.66	181.2	28.79	170.2	27.95	165.0	26.79	159.0	25.92	148.1	24.73

7. Capacity Tables

Heating Capacity (66HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	127.0	58.71	127.0	59.04	126.3	59.69	126.3	60.65	126.3	57.76	124.0	55.03
	-21.8	-22	145.8	59.69	145.8	60.00	144.8	60.65	139.9	57.76	135.7	55.03	126.7	52.41
	-19.8	-20	158.4	60.34	154.1	60.65	144.8	58.62	139.9	55.83	135.7	53.24	126.7	50.67
	-18.8	-19	162.8	60.65	154.1	59.60	144.8	57.59	139.9	54.84	135.7	52.32	126.7	49.79
	-16.7	-17	163.0	58.47	154.1	57.38	144.8	55.46	139.9	52.82	135.7	50.42	126.7	47.95
	-13.7	-15	163.0	55.34	154.1	54.22	144.8	52.40	139.9	49.91	135.7	47.71	126.7	45.33
	-11.8	-13	163.0	53.34	154.1	52.21	144.8	50.46	139.9	48.06	135.7	45.98	126.7	43.67
	-9.8	-11	163.0	51.27	154.1	50.10	144.8	48.41	139.9	46.13	135.7	44.18	126.7	41.92
	-9.5	-10	163.0	50.94	154.1	49.79	144.8	48.11	139.9	45.84	135.7	43.91	126.7	41.66
	-8.5	-9.1	163.0	49.90	154.1	48.73	144.8	47.10	139.9	44.87	135.7	43.00	126.7	40.79
	-7.0	-7.6	163.0	48.34	154.1	47.16	144.8	45.57	139.9	43.43	135.7	41.64	126.7	39.47
	-5.0	-5.6	163.0	46.26	154.1	45.03	144.8	43.52	139.9	41.48	135.7	39.83	126.7	37.74
	-3.0	-3.7	163.0	44.17	154.1	42.93	144.8	41.49	139.9	39.55	135.7	38.01	126.7	35.98
	0.0	-0.7	163.0	41.03	154.1	39.77	144.8	38.43	139.9	36.66	135.7	35.30	126.7	33.36
	3.0	2.2	163.0	37.90	154.1	36.59	144.8	35.36	139.9	33.74	135.7	32.60	126.7	30.72
	5.0	4.1	163.0	35.82	154.1	34.47	144.8	33.33	139.9	31.81	135.7	30.77	126.7	29.00
	7.0	6	163.0	33.72	154.1	32.37	144.8	31.28	139.9	29.88	135.7	28.98	126.7	27.24
	9.0	7.9	163.0	30.46	154.1	29.24	144.8	28.25	139.9	26.98	135.7	26.15	126.7	24.60
	11.0	9.8	163.0	28.37	154.1	27.22	144.8	26.31	139.9	25.11	135.7	24.37	126.7	22.89
	13.0	11.8	163.0	26.54	154.1	25.47	144.8	24.60	139.9	23.50	135.7	22.79	126.7	21.44
	15.0	13.7	163.0	25.01	154.1	24.02	144.8	23.21	139.9	22.15	135.7	21.48	126.7	20.21
60	-24.8	-25	125.0	57.92	125.0	58.57	124.1	59.55	120.1	56.45	115.9	53.54	108.5	50.82
	-21.8	-22	133.9	58.90	132.4	59.55	124.1	56.45	120.1	53.54	115.9	50.82	108.5	48.18
	-19.8	-20	139.9	59.55	132.4	57.36	124.1	54.39	120.1	51.61	115.9	49.00	108.5	46.43
	-18.8	-19	139.9	58.45	132.4	56.28	124.1	53.36	120.1	50.65	115.9	48.09	108.5	45.54
	-16.7	-17	139.9	56.12	132.4	53.96	124.1	51.19	120.1	48.61	115.9	46.19	108.5	43.71
	-13.7	-15	139.9	52.80	132.4	50.68	124.1	48.08	120.1	45.72	115.9	43.45	108.5	41.07
	-11.8	-13	139.9	50.71	132.4	48.60	124.1	46.12	120.1	43.87	115.9	41.72	108.5	39.41
	-9.8	-11	139.9	48.49	132.4	46.41	124.1	44.06	120.1	41.94	115.9	39.91	108.5	37.64
	-9.5	-10	139.9	48.16	132.4	46.08	124.1	43.76	120.1	41.64	115.9	39.63	108.5	37.38
	-8.5	-9.1	139.9	47.05	132.4	45.00	124.1	42.72	120.1	40.69	115.9	38.73	108.5	36.51
	-7.0	-7.6	139.9	45.41	132.4	43.36	124.1	41.17	120.1	39.22	115.9	37.36	108.5	35.20
	-5.0	-5.6	139.9	43.18	132.4	41.17	124.1	39.12	120.1	37.29	115.9	35.55	108.5	33.43
	-3.0	-3.7	139.9	40.98	132.4	38.98	124.1	37.05	120.1	35.36	115.9	33.72	108.5	31.67
	0.0	-0.7	139.9	37.65	132.4	35.67	124.1	33.95	120.1	32.45	115.9	31.00	108.5	29.05
	3.0	2.2	139.9	34.34	132.4	32.40	124.1	30.84	120.1	29.55	115.9	28.26	108.5	26.41
	5.0	4.1	139.9	32.14	132.4	30.21	124.1	28.79	120.1	27.62	115.9	26.45	108.5	24.66
	7.0	6	139.9	29.92	132.4	28.02	124.1	26.72	120.1	25.67	115.9	24.64	108.5	22.89
	9.0	7.9	139.9	26.70	132.4	25.01	124.1	23.83	120.1	22.92	115.9	21.98	108.5	20.43
	11.0	9.8	139.9	24.93	132.4	23.34	124.1	22.25	120.1	21.40	115.9	20.53	108.5	19.09
	13.0	11.8	139.9	23.34	132.4	21.86	124.1	20.86	120.1	20.05	115.9	19.22	108.5	17.87
	15.0	13.7	139.9	22.06	132.4	20.67	124.1	19.70	120.1	18.93	115.9	18.18	108.5	16.90
50	-24.8	-25	116.8	50.72	110.2	51.68	103.5	48.95	100.2	46.38	96.7	43.97	90.1	41.71
	-21.8	-22	116.8	51.68	110.2	48.95	103.5	46.38	100.2	43.97	96.7	41.71	90.1	39.53
	-19.8	-20	116.8	49.78	110.2	47.12	103.5	44.67	100.2	42.34	96.7	40.19	90.1	38.07
	-18.8	-19	116.8	48.82	110.2	46.19	103.5	43.83	100.2	41.54	96.7	39.45	90.1	37.37
	-16.7	-17	116.8	46.81	110.2	44.29	103.5	42.03	100.2	39.82	96.7	37.86	90.1	35.85
	-13.7	-15	116.8	43.95	110.2	41.53	103.5	39.45	100.2	37.40	96.7	35.60	90.1	33.67
	-11.8	-13	116.8	42.12	110.2	39.80	103.5	37.84	100.2	35.87	96.7	34.18	90.1	32.30
	-9.8	-11	116.8	40.21	110.2	37.97	103.5	36.12	100.2	34.25	96.7	32.66	90.1	30.85
	-9.5	-10	116.8	39.92	110.2	37.70	103.5	35.86	100.2	34.01	96.7	32.46	90.1	30.62
	-8.5	-9.1	116.8	38.97	110.2	36.77	103.5	35.02	100.2	33.21	96.7	31.70	90.1	29.90
	-7.0	-7.6	116.8	37.52	110.2	35.41	103.5	33.73	100.2	31.99	96.7	30.57	90.1	28.83
	-5.0	-5.6	116.8	35.61	110.2	33.58	103.5	32.03	100.2	30.38	96.7	29.07	90.1	27.38
	-3.0	-3.7	116.8	33.70	110.2	31.75	103.5	30.30	100.2	28.76	96.7	27.55	90.1	25.92
	0.0	-0.7	116.8	30.84	110.2	28.99	103.5	27.75	100.2	26.34	96.7	25.29	90.1	23.76
	3.0	2.2	116.8	27.96	110.2	26.26	103.5	25.18	100.2	23.91	96.7	23.04	90.1	21.58
	5.0	4.1	116.8	26.05	110.2	24.43	103.5	23.48	100.2	22.29	96.7	21.54	90.1	20.13
	7.0	6	116.8	24.14	110.2	22.60	103.5	21.77	100.2	20.67	96.7	20.02	90.1	18.70
	9.0	7.9	116.8	21.79	110.2	20.41	103.5	19.66	100.2	18.67	96.7	18.09	90.1	16.88
	11.0	9.8	116.8	20.41	110.2	19.09	103.5	18.38	100.2	17.48	96.7	16.92	90.1	15.79
	13.0	11.8	116.8	19.15	110.2	17.93	103.5	17.27	100.2	16.41	96.7	15.89	90.1	14.83
	15.0	13.7	116.8	18.12	110.2	16.96	103.5	16.34	100.2	15.52	96.7	15.05	90.1	14.03

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM680LTE5

Heating Capacity (68HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	131.6	68.67	131.6	69.30	130.7	69.85	130.7	70.68	130.7	71.48	129.2	72.73
	-21.8	-22	159.6	69.94	159.6	70.56	158.6	71.11	158.6	71.94	158.6	72.73	156.7	73.98
	-19.8	-20	168.3	70.76	168.3	71.40	167.1	71.94	167.1	72.77	167.1	73.55	165.2	74.81
	-18.8	-19	172.0	71.18	172.0	71.80	171.0	72.35	171.0	73.18	171.0	73.98	168.9	75.22
	-16.7	-17	180.1	72.06	180.1	72.69	179.1	73.24	179.1	74.06	179.1	74.84	176.9	76.10
	-13.7	-15	191.7	73.32	191.7	73.93	190.6	74.48	190.6	75.30	190.6	76.10	188.2	73.24
	-11.8	-13	198.1	74.10	198.1	74.73	196.8	75.28	196.8	76.10	196.8	74.18	195.0	71.43
	-9.8	-11	204.7	74.93	204.7	75.56	203.5	76.10	203.5	74.06	203.5	72.16	201.9	69.53
	-9.5	-10	206.2	75.07	206.2	75.68	204.9	75.79	204.9	73.75	204.5	71.85	202.9	69.24
	-8.5	-9.1	211.4	75.48	211.4	76.10	210.1	74.74	210.1	72.72	207.7	70.83	206.5	68.27
	-7.0	-7.6	219.3	76.10	219.3	74.57	217.8	73.18	217.8	71.17	217.8	69.32	213.6	66.85
	-5.0	-5.6	229.5	74.13	229.5	72.53	228.0	71.09	228.0	69.14	228.0	67.31	221.0	64.94
	-3.0	-3.7	239.9	72.16	239.9	70.49	238.4	69.00	238.4	67.08	238.4	65.27	228.5	63.02
	0.0	-0.7	255.2	69.20	255.2	67.44	253.7	65.85	252.6	64.01	250.4	62.24	239.6	60.16
	3.0	2.2	265.3	66.24	265.3	64.37	263.8	62.72	262.2	60.93	258.5	59.19	241.8	57.30
	5.0	4.1	271.4	64.28	271.4	62.33	270.0	60.62	267.2	58.89	259.7	57.15	241.8	55.39
	7.0	6	276.0	62.29	276.0	60.28	274.6	58.54	269.2	56.83	259.7	55.14	241.8	53.50
	9.0	7.9	276.8	60.66	276.8	58.72	276.0	57.01	269.2	55.35	259.7	53.70	241.8	52.10
	11.0	9.8	276.8	59.59	276.8	57.65	276.0	55.99	269.2	54.34	259.7	52.74	241.8	51.15
	13.0	11.8	276.8	58.39	276.8	56.52	276.0	54.87	269.2	53.28	259.7	51.69	241.8	50.14
	15.0	13.7	276.8	57.14	276.8	55.29	276.0	53.67	269.2	52.12	259.7	50.56	241.8	49.05
120	-24.8	-25	130.7	69.30	130.7	69.85	129.7	70.68	129.7	71.48	129.7	72.73	128.2	73.61
	-21.8	-22	158.6	70.56	158.6	71.11	157.6	71.94	157.6	72.73	157.6	73.98	155.7	74.84
	-19.8	-20	167.1	71.40	167.1	71.94	166.0	72.77	166.0	73.55	166.0	74.81	163.9	75.68
	-18.8	-19	170.9	71.80	170.9	72.35	169.9	73.18	169.9	73.98	169.9	75.22	167.8	76.10
	-16.7	-17	179.0	72.69	179.0	73.24	177.8	74.06	177.8	74.84	177.8	76.10	175.6	74.26
	-13.7	-15	190.3	73.93	190.3	74.48	189.2	75.30	189.2	76.10	189.2	73.35	186.9	71.64
	-11.8	-13	196.7	74.73	196.7	75.28	195.4	76.10	195.4	74.16	195.4	71.62	193.6	69.96
	-9.8	-11	203.2	75.56	203.2	76.10	201.9	73.98	201.9	72.12	201.9	69.80	200.5	68.21
	-9.5	-10	204.9	75.68	204.9	75.77	203.6	73.66	203.6	71.81	203.6	69.52	202.0	67.95
	-8.5	-9.1	209.9	76.10	209.9	74.63	208.7	72.58	208.7	70.79	208.2	68.62	206.4	67.06
	-7.0	-7.6	217.6	74.43	217.6	72.94	216.3	70.99	216.3	69.26	214.2	67.24	211.9	65.74
	-5.0	-5.6	228.0	72.19	228.0	70.69	226.3	68.85	226.3	67.21	226.3	65.42	219.6	63.99
	-3.0	-3.7	238.1	69.94	238.1	68.45	236.7	66.71	236.7	65.17	235.8	63.59	226.5	62.23
	0.0	-0.7	253.4	66.59	252.9	65.06	249.3	63.51	247.3	62.11	244.2	60.84	227.1	59.61
	3.0	2.2	263.5	63.22	262.8	61.67	258.1	60.31	252.3	59.05	244.4	58.11	227.1	56.98
	5.0	4.1	269.3	60.99	268.1	59.42	261.1	58.17	252.3	57.01	244.4	56.28	227.1	55.23
	7.0	6	274.1	58.75	271.7	57.16	261.1	56.03	252.3	54.96	244.4	54.45	227.1	53.47
	9.0	7.9	274.7	57.08	271.7	55.53	261.1	54.44	252.3	53.40	244.4	52.89	227.1	51.95
	11.0	9.8	274.7	55.91	271.7	54.38	261.1	53.30	252.3	52.29	244.4	51.80	227.1	50.89
	13.0	11.8	274.7	54.63	271.7	53.16	261.1	52.11	252.3	51.11	244.4	50.63	227.1	49.72
	15.0	13.7	274.7	53.28	271.7	51.84	261.1	50.83	252.3	49.85	244.4	49.38	227.1	48.50
110	-24.8	-25	129.9	69.85	129.9	70.68	129.1	71.48	129.1	72.73	129.1	73.61	127.6	74.02
	-21.8	-22	157.7	71.11	157.7	71.94	156.7	72.73	156.7	73.98	156.7	74.84	154.8	75.28
	-19.8	-20	166.1	71.94	166.1	72.77	165.1	73.55	165.1	74.81	165.1	75.68	162.9	76.10
	-18.8	-19	169.9	72.35	169.9	73.18	168.9	73.98	168.9	75.22	168.9	76.10	166.8	75.12
	-16.7	-17	178.0	73.24	178.0	74.06	176.8	74.84	176.8	76.10	176.8	74.11	174.6	73.08
	-13.7	-15	189.4	74.48	189.4	75.30	188.0	76.10	188.0	73.08	188.0	71.26	188.0	70.15
	-11.8	-13	195.5	75.28	195.5	76.10	194.4	73.97	194.4	71.18	194.4	69.44	194.4	68.30
	-9.8	-11	202.2	76.10	202.2	73.71	200.9	71.73	200.9	69.16	200.9	67.55	200.1	66.35
	-9.5	-10	203.6	75.71	203.6	73.32	202.6	71.39	202.6	68.86	202.6	67.27	202.0	66.05
	-8.5	-9.1	208.8	74.43	208.8	72.14	207.4	70.28	207.4	67.84	207.1	66.31	203.8	65.09
	-7.0	-7.6	216.5	72.46	216.5	70.32	215.2	68.58	215.2	66.33	213.7	64.89	204.4	63.63
	-5.0	-5.6	226.7	69.87	226.7	67.92	225.2	66.35	224.2	64.33	218.0	62.99	204.4	61.68
	-3.0	-3.7	236.7	67.29	236.7	65.52	232.2	64.10	226.5	62.30	218.9	61.08	204.4	59.73
	0.0	-0.7	250.1	63.38	246.3	61.91	234.2	60.74	226.5	59.27	218.9	58.23	204.4	56.79
	3.0	2.2	259.3	59.49	249.5	58.29	234.2	57.36	226.5	56.27	218.9	55.37	204.4	53.88
	5.0	4.1	264.1	56.90	249.5	55.90	234.2	55.14	226.5	54.25	218.9	53.48	204.4	51.92
	7.0	6	264.1	54.29	249.5	53.47	234.2	52.89	226.5	52.24	218.9	51.56	204.4	49.97
	9.0	7.9	264.1	52.51	249.5	51.73	234.2	51.15	226.5	50.54	218.9	49.87	204.4	48.33
	11.0	9.8	264.1	51.17	249.5	50.42	234.2	49.85	226.5	49.24	218.9	48.60	204.4	47.10
	13.0	11.8	264.1	49.75	249.5	49.02	234.2	48.47	226.5	47.87	218.9	47.25	204.4	45.80
	15.0	13.7	264.1	48.24	249.5	47.51	234.2	46.98	226.5	46.42	218.9	45.82	204.4	44.40

7. Capacity Tables

Heating Capacity (68HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	129.3	76.93	129.3	76.82	128.6	72.24	128.6	76.54	128.6	76.44	126.9	76.38
	-21.8	-22	156.9	76.77	156.9	76.65	156.0	74.52	156.0	76.39	156.0	77.26	154.0	76.23
	-19.8	-20	165.4	76.65	165.4	76.53	164.4	75.96	164.4	76.27	164.4	76.49	162.3	76.10
	-18.8	-19	169.3	76.59	168.2	76.50	168.2	76.39	168.2	76.21	168.2	76.10	166.1	74.91
	-16.7	-17	176.1	76.49	176.1	76.38	176.1	77.26	175.1	76.10	175.1	73.64	172.9	72.40
	-13.7	-15	188.4	76.31	188.4	76.21	187.3	76.10	187.3	72.54	187.3	70.11	185.0	68.81
	-11.8	-13	194.5	76.23	193.5	76.10	193.5	73.72	193.5	70.27	193.5	67.88	186.5	66.52
	-9.8	-11	201.1	76.10	201.1	73.43	200.2	71.20	200.2	67.89	198.6	65.53	186.7	64.13
	-9.5	-10	202.6	75.68	202.6	73.02	201.6	70.81	201.6	67.53	199.2	65.19	186.7	63.78
	-8.5	-9.1	207.7	74.28	207.7	71.69	206.7	69.57	207.4	66.33	200.6	64.00	186.7	62.58
	-7.0	-7.6	218.9	72.18	218.0	69.67	214.2	67.65	207.4	64.54	200.6	62.23	186.7	60.78
	-5.0	-5.6	228.5	69.37	226.1	67.00	214.2	65.13	207.4	62.16	200.6	59.89	186.7	58.41
	-3.0	-3.7	235.0	66.58	227.8	64.33	214.2	62.64	207.4	59.78	200.6	57.54	186.7	56.01
	0.0	-0.7	241.7	62.37	227.8	60.30	214.2	58.84	207.4	56.21	200.6	54.01	186.7	52.42
	3.0	2.2	241.7	58.16	227.8	56.28	214.2	55.07	207.4	52.63	200.6	50.50	186.7	48.83
	5.0	4.1	241.7	55.37	227.8	53.59	214.2	52.55	207.4	50.25	200.6	48.14	186.7	46.43
	7.0	6	241.7	52.56	227.8	50.92	214.2	50.03	207.4	47.85	200.6	45.80	186.7	44.04
	9.0	7.9	241.7	50.49	227.8	48.92	214.2	48.07	207.4	45.98	200.6	44.01	186.7	42.31
	11.0	9.8	241.7	48.85	227.8	47.31	214.2	46.50	207.4	44.48	200.6	42.56	186.7	40.93
	13.0	11.8	241.7	47.11	227.8	45.63	214.2	44.83	207.4	42.89	200.6	41.04	186.7	39.46
	15.0	13.7	241.7	45.27	227.8	43.83	214.2	43.07	207.4	41.22	200.6	39.43	186.7	37.92
90	-24.8	-25	128.9	68.62	128.9	69.86	128.0	70.75	128.0	71.15	128.0	72.01	126.5	73.25
	-21.8	-22	156.3	69.86	156.3	71.12	155.4	72.01	155.4	72.41	155.4	73.25	153.4	70.11
	-19.8	-20	164.8	70.72	164.8	71.95	163.7	72.83	163.7	73.25	163.7	71.11	161.8	68.04
	-18.8	-19	169.3	71.12	168.2	72.38	167.6	73.25	167.6	72.14	167.6	70.04	165.5	66.98
	-16.7	-17	176.1	72.01	176.1	73.25	175.3	70.97	175.3	69.83	175.3	67.80	169.7	64.78
	-13.7	-15	188.4	73.25	188.4	69.86	186.7	67.72	186.7	66.55	182.7	64.59	170.7	61.66
	-11.8	-13	194.5	70.93	193.5	67.72	192.8	65.66	188.8	64.45	183.8	62.56	170.7	59.67
	-9.8	-11	201.1	68.50	201.1	65.48	194.8	63.51	190.0	62.24	183.8	60.43	170.7	57.58
	-9.5	-10	202.6	68.13	202.6	65.13	195.4	63.17	190.0	61.90	183.8	60.11	170.7	57.27
	-8.5	-9.1	207.7	66.92	206.1	64.02	195.9	62.09	190.0	60.82	183.8	59.04	170.7	56.23
	-7.0	-7.6	218.9	65.09	208.1	62.33	195.9	60.47	190.0	59.17	183.8	57.43	170.7	54.66
	-5.0	-5.6	221.3	62.64	208.1	60.08	195.9	58.30	190.0	56.97	183.8	55.29	170.7	52.58
	-3.0	-3.7	221.3	60.22	208.1	57.82	195.9	56.14	190.0	54.76	183.8	53.15	170.7	50.48
	0.0	-0.7	221.3	56.56	208.1	54.43	195.9	52.89	190.0	51.46	183.8	49.95	170.7	47.35
	3.0	2.2	221.3	52.92	208.1	51.07	195.9	49.65	190.0	48.18	183.8	46.74	170.7	44.22
	5.0	4.1	221.3	50.47	208.1	48.80	195.9	47.47	190.0	45.97	183.8	44.60	170.7	42.12
	7.0	6	221.3	48.05	208.1	46.56	195.9	45.30	190.0	43.77	183.8	42.47	170.7	40.05
	9.0	7.9	221.3	45.74	208.1	44.34	195.9	43.15	190.0	41.67	183.8	40.44	170.7	38.12
	11.0	9.8	221.3	43.44	208.1	42.11	195.9	40.98	190.0	39.59	183.8	38.40	170.7	36.22
	13.0	11.8	221.3	41.15	208.1	39.89	195.9	38.81	190.0	37.48	183.8	36.37	170.7	34.29
	15.0	13.7	221.3	38.85	208.1	37.65	195.9	36.64	190.0	35.38	183.8	34.33	170.7	32.39
80	-24.8	-25	128.3	60.31	128.3	61.57	127.6	62.46	127.6	62.86	127.6	64.96	125.9	62.20
	-21.8	-22	154.6	61.57	154.6	62.83	154.6	63.70	154.6	64.96	154.6	62.20	150.8	59.55
	-19.8	-20	163.1	62.41	163.1	63.66	163.1	64.96	163.1	63.00	161.3	60.35	152.6	57.78
	-18.8	-19	166.9	62.83	166.9	64.96	166.9	63.96	166.5	62.03	162.4	59.44	152.6	56.90
	-16.7	-17	173.3	64.96	173.3	62.89	173.3	61.90	169.2	60.00	163.9	57.52	152.6	55.05
	-13.7	-15	183.2	61.92	179.8	59.96	175.4	58.94	170.0	57.07	163.9	54.76	152.6	52.40
	-11.8	-13	188.0	59.99	182.5	58.10	175.4	57.07	170.0	55.24	163.9	53.01	152.6	50.72
	-9.8	-11	192.7	57.95	184.8	56.16	175.4	55.10	170.0	53.29	163.9	51.18	152.6	48.96
	-9.5	-10	194.0	57.65	185.8	55.85	175.4	54.79	170.0	53.00	163.9	50.90	152.6	48.68
	-8.5	-9.1	196.0	56.64	186.7	54.89	175.4	53.82	170.0	52.02	163.9	49.97	152.6	47.82
	-7.0	-7.6	198.2	55.12	186.7	53.41	175.4	52.34	170.0	50.56	163.9	48.61	152.6	46.48
	-5.0	-5.6	198.2	53.09	186.7	51.47	175.4	50.38	170.0	48.62	163.9	46.75	152.6	44.72
	-3.0	-3.7	198.2	51.05	186.7	49.51	175.4	48.41	170.0	46.67	163.9	44.92	152.6	42.94
	0.0	-0.7	198.2	48.01	186.7	46.58	175.4	45.45	170.0	43.77	163.9	42.16	152.6	40.29
	3.0	2.2	198.2	44.97	186.7	43.64	175.4	42.49	170.0	40.84	163.9	39.41	152.6	37.66
	5.0	4.1	198.2	42.94	186.7	41.68	175.4	40.52	170.0	38.89	163.9	37.58	152.6	35.89
	7.0	6	198.2	40.91	186.7	39.72	175.4	38.56	170.0	36.95	163.9	35.73	152.6	34.12
	9.0	7.9	198.2	38.41	186.7	37.30	175.4	36.21	170.0	34.70	163.9	33.55	152.6	32.04
	11.0	9.8	198.2	35.66	186.7	34.63	175.4	33.61	170.0	32.19	163.9	31.13	152.6	29.73
	13.0	11.8	198.2	33.28	186.7	32.32	175.4	31.37	170.0	30.06	163.9	29.08	152.6	27.75
	15.0	13.7	198.2	31.33	186.7	30.41	175.4	29.52	170.0	28.30	163.9	27.38	152.6	26.12

7. Capacity Tables

Heating Capacity (68HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	128.3	60.58	128.3	61.00	127.6	61.84	127.6	63.08	127.6	60.11	125.8	57.32
	-21.8	-22	149.0	61.84	149.3	62.24	148.2	63.08	144.1	60.11	139.8	57.32	130.5	54.63
	-19.8	-20	160.8	62.67	157.6	63.08	149.2	61.00	144.1	58.14	139.8	55.48	130.5	52.84
	-18.8	-19	165.3	63.08	158.5	62.01	149.2	59.95	144.1	57.12	139.8	54.54	130.5	51.94
	-16.7	-17	167.6	60.86	158.7	59.74	149.2	57.77	144.1	55.05	139.8	52.59	130.5	50.05
	-13.7	-15	167.9	57.66	158.7	56.51	149.2	54.64	144.1	52.08	139.8	49.81	130.5	47.36
	-11.8	-13	167.9	55.62	158.7	54.46	149.2	52.66	144.1	50.18	139.8	48.04	130.5	45.65
	-9.8	-11	167.9	53.51	158.7	52.30	149.2	50.56	144.1	48.20	139.8	46.19	130.5	43.85
	-9.5	-10	167.9	53.18	158.7	51.98	149.2	50.26	144.1	47.91	139.8	45.92	130.5	43.58
	-8.5	-9.1	167.9	52.12	158.7	50.90	149.2	49.22	144.1	46.92	139.8	44.98	130.5	42.69
	-7.0	-7.6	167.9	50.52	158.7	49.30	149.2	47.66	144.1	45.44	139.8	43.59	130.5	41.34
	-5.0	-5.6	167.9	48.40	158.7	47.13	149.2	45.56	144.1	43.45	139.8	41.74	130.5	39.56
	-3.0	-3.7	167.9	46.27	158.7	44.98	149.2	43.48	144.1	41.47	139.8	39.87	130.5	37.75
	0.0	-0.7	167.9	43.08	158.7	41.75	149.2	40.35	144.1	38.50	139.8	37.09	130.5	35.06
	3.0	2.2	167.9	39.88	158.7	38.51	149.2	37.22	144.1	35.52	139.8	34.32	130.5	32.35
	5.0	4.1	167.9	37.76	158.7	36.34	149.2	35.14	144.1	33.54	139.8	32.45	130.5	30.58
	7.0	6	167.9	35.62	158.7	34.20	149.2	33.05	144.1	31.56	139.8	30.61	130.5	28.78
	9.0	7.9	167.9	32.18	158.7	30.89	149.2	29.84	144.1	28.50	139.8	27.62	130.5	25.98
	11.0	9.8	167.9	29.97	158.7	28.75	149.2	27.79	144.1	26.53	139.8	25.74	130.5	24.18
	13.0	11.8	167.9	28.03	158.7	26.90	149.2	25.99	144.1	24.83	139.8	24.07	130.5	22.65
	15.0	13.7	167.9	26.42	158.7	25.37	149.2	24.52	144.1	23.40	139.8	22.69	130.5	21.34
60	-24.8	-25	126.5	59.60	126.5	60.44	125.6	61.70	122.4	58.54	119.1	55.57	111.8	52.79
	-21.8	-22	137.0	60.86	136.4	61.70	127.9	58.54	123.7	55.57	119.4	52.79	111.8	50.09
	-19.8	-20	144.1	61.70	136.4	59.47	127.9	56.43	123.7	53.60	119.4	50.92	111.8	48.29
	-18.8	-19	144.1	60.57	136.4	58.36	127.9	55.39	123.7	52.62	119.4	49.99	111.8	47.38
	-16.7	-17	144.1	58.21	136.4	56.00	127.9	53.17	123.7	50.53	119.4	48.05	111.8	45.50
	-13.7	-15	144.1	54.84	136.4	52.67	127.9	50.00	123.7	47.58	119.4	45.26	111.8	42.80
	-11.8	-13	144.1	52.72	136.4	50.54	127.9	48.00	123.7	45.69	119.4	43.49	111.8	41.10
	-9.8	-11	144.1	50.46	136.4	48.32	127.9	45.90	123.7	43.72	119.4	41.64	111.8	39.29
	-9.5	-10	144.1	50.12	136.4	47.99	127.9	45.60	123.7	43.42	119.4	41.35	111.8	39.02
	-8.5	-9.1	144.1	49.00	136.4	46.88	127.9	44.53	123.7	42.45	119.4	40.43	111.8	38.13
	-7.0	-7.6	144.1	47.33	136.4	45.21	127.9	42.96	123.7	40.95	119.4	39.03	111.8	36.79
	-5.0	-5.6	144.1	45.08	136.4	42.98	127.9	40.86	123.7	38.98	119.4	37.17	111.8	34.98
	-3.0	-3.7	144.1	42.84	136.4	40.75	127.9	38.76	123.7	37.01	119.4	35.31	111.8	33.18
	0.0	-0.7	144.1	39.46	136.4	37.39	127.9	35.60	123.7	34.04	119.4	32.53	111.8	30.49
	3.0	2.2	144.1	36.10	136.4	34.06	127.9	32.43	123.7	31.08	119.4	29.73	111.8	27.79
	5.0	4.1	144.1	33.86	136.4	31.83	127.9	30.34	123.7	29.11	119.4	27.88	111.8	25.99
	7.0	6	144.1	31.61	136.4	29.60	127.9	28.23	123.7	27.12	119.4	26.02	111.8	24.18
	9.0	7.9	144.1	28.20	136.4	26.42	127.9	25.18	123.7	24.21	119.4	23.22	111.8	21.59
	11.0	9.8	144.1	26.33	136.4	24.66	127.9	23.50	123.7	22.61	119.4	21.69	111.8	20.16
	13.0	11.8	144.1	24.66	136.4	23.09	127.9	22.04	123.7	21.18	119.4	20.30	111.8	18.88
	15.0	13.7	144.1	23.30	136.4	21.84	127.9	20.82	123.7	19.99	119.4	19.20	111.8	17.85
50	-24.8	-25	120.3	52.67	113.5	53.91	106.7	51.09	103.3	48.44	99.7	45.93	92.9	43.60
	-21.8	-22	120.3	53.91	113.5	51.09	106.7	48.44	103.3	45.93	99.7	43.60	92.9	41.34
	-19.8	-20	120.3	51.94	113.5	49.20	106.7	46.66	103.3	44.25	99.7	42.03	92.9	39.83
	-18.8	-19	120.3	50.96	113.5	48.24	106.7	45.80	103.3	43.42	99.7	41.26	92.9	39.10
	-16.7	-17	120.3	48.89	113.5	46.28	106.7	43.94	103.3	41.65	99.7	39.62	92.9	37.52
	-13.7	-15	120.3	45.93	113.5	43.43	106.7	41.27	103.3	39.14	99.7	37.28	92.9	35.26
	-11.8	-13	120.3	44.05	113.5	41.64	106.7	39.60	103.3	37.56	99.7	35.81	92.9	33.85
	-9.8	-11	120.3	42.08	113.5	39.75	106.7	37.83	103.3	35.88	99.7	34.24	92.9	32.34
	-9.5	-10	120.3	41.78	113.5	39.47	106.7	37.56	103.3	35.64	99.7	34.02	92.9	32.11
	-8.5	-9.1	120.3	40.80	113.5	38.51	106.7	36.69	103.3	34.81	99.7	33.24	92.9	31.36
	-7.0	-7.6	120.3	39.30	113.5	37.11	106.7	35.36	103.3	33.55	99.7	32.07	92.9	30.25
	-5.0	-5.6	120.3	37.33	113.5	35.22	106.7	33.60	103.3	31.88	99.7	30.51	92.9	28.75
	-3.0	-3.7	120.3	35.37	113.5	33.33	106.7	31.82	103.3	30.21	99.7	28.94	92.9	27.24
	0.0	-0.7	120.3	32.41	113.5	30.47	106.7	29.18	103.3	27.70	99.7	26.61	92.9	25.00
	3.0	2.2	120.3	29.44	113.5	27.65	106.7	26.52	103.3	25.19	99.7	24.27	92.9	22.74
	5.0	4.1	120.3	27.47	113.5	25.76	106.7	24.77	103.3	23.51	99.7	22.72	92.9	21.24
	7.0	6	120.3	25.50	113.5	23.87	106.7	22.99	103.3	21.84	99.7	21.15	92.9	19.75
	9.0	7.9	120.3	23.02	113.5	21.56	106.7	20.77	103.3	19.72	99.7	19.11	92.9	17.84
	11.0	9.8	120.3	21.55	113.5	20.17	106.7	19.42	103.3	18.46	99.7	17.88	92.9	16.68
	13.0	11.8	120.3	20.23	113.5	18.94	106.7	18.25	103.3	17.33	99.7	16.79	92.9	15.67
	15.0	13.7	120.3	19.14	113.5	17.92	106.7	17.26	103.3	16.39	99.7	15.89	92.9	14.82

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM700LTE5

Heating Capacity (70HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	140.2	71.49	140.2	71.95	139.2	72.36	139.2	72.97	139.2	73.58	137.0	74.50
	-21.8	-22	168.6	72.43	168.6	72.89	167.5	73.30	167.5	73.91	167.5	74.50	164.8	75.43
	-19.8	-20	177.1	73.04	177.1	73.51	175.8	73.91	175.8	74.54	175.8	75.11	173.0	76.05
	-18.8	-19	180.7	73.34	180.7	73.81	179.6	74.22	179.6	74.83	179.6	75.43	176.6	76.35
	-16.7	-17	188.7	74.01	188.7	74.47	187.5	74.88	187.5	75.49	187.5	76.07	184.4	77.01
	-13.7	-15	200.1	74.94	200.1	75.39	198.9	75.80	198.9	76.41	198.9	77.01	195.6	73.97
	-11.8	-13	206.6	75.52	206.6	75.98	205.3	76.39	205.3	77.01	205.3	74.95	202.5	72.04
	-9.8	-11	213.4	76.13	213.4	76.61	212.2	77.01	212.2	74.81	212.2	72.80	209.6	70.03
	-9.5	-10	214.7	76.25	214.7	76.69	213.4	76.67	213.4	74.48	213.2	72.47	210.7	69.72
	-8.5	-9.1	219.1	76.54	219.1	77.01	217.8	75.53	217.8	73.38	216.5	71.39	214.3	68.70
	-7.0	-7.6	225.7	77.01	225.7	75.33	224.3	73.84	224.3	71.71	224.3	69.77	220.4	67.18
	-5.0	-5.6	234.3	74.82	234.3	73.11	232.8	71.59	232.8	69.53	232.8	67.62	227.6	65.16
	-3.0	-3.7	243.0	72.64	243.0	70.88	241.5	69.32	241.5	67.32	241.5	65.45	235.0	63.13
	0.0	-0.7	255.8	69.37	255.8	67.55	254.4	65.92	254.4	64.03	254.4	62.22	245.8	60.09
	3.0	2.2	269.0	66.10	269.0	64.20	267.2	62.53	267.2	60.71	265.7	58.96	248.9	57.05
	5.0	4.1	277.2	63.92	277.2	61.97	275.6	60.27	274.4	58.53	267.4	56.79	248.9	55.03
	7.0	6	284.0	61.73	284.0	59.74	282.3	58.01	277.1	56.32	267.4	54.64	248.9	53.02
	9.0	7.9	285.0	59.92	285.0	57.99	284.2	56.31	277.1	54.66	267.4	53.03	248.9	51.45
	11.0	9.8	285.0	58.64	285.0	56.73	284.2	55.10	277.1	53.48	267.4	51.90	248.9	50.34
	13.0	11.8	285.0	57.23	285.0	55.40	284.2	53.78	277.1	52.22	267.4	50.67	248.9	49.15
	15.0	13.7	285.0	55.76	285.0	53.96	284.2	52.38	277.1	50.87	267.4	49.35	248.9	47.87
120	-24.8	-25	139.2	71.95	139.2	72.36	138.2	72.97	138.2	73.58	138.2	74.50	136.0	75.16
	-21.8	-22	167.5	72.89	167.5	73.30	166.4	73.91	166.4	74.50	166.4	75.43	163.7	76.07
	-19.8	-20	175.7	73.51	175.7	73.91	174.6	74.54	174.6	75.11	174.6	76.05	171.7	76.69
	-18.8	-19	179.5	73.81	179.5	74.22	178.4	74.83	178.4	75.43	178.4	76.35	175.5	77.01
	-16.7	-17	187.5	74.47	187.5	74.88	186.2	75.49	186.2	76.07	186.2	77.01	183.1	75.05
	-13.7	-15	198.6	75.39	198.6	75.80	197.5	76.41	197.5	77.01	197.5	74.08	194.2	72.27
	-11.8	-13	205.2	75.98	205.2	76.39	203.8	77.01	203.8	74.94	203.8	72.24	201.1	70.49
	-9.8	-11	211.9	76.61	211.9	77.01	210.6	74.73	210.6	72.76	210.6	70.29	208.2	68.63
	-9.5	-10	213.3	76.69	213.3	76.65	212.0	74.39	212.0	72.43	212.0	70.00	209.4	68.36
	-8.5	-9.1	217.5	77.01	217.5	75.42	216.3	73.23	216.3	71.34	216.1	69.04	213.3	67.42
	-7.0	-7.6	224.0	75.20	224.0	73.61	222.6	71.54	222.6	69.71	222.0	67.58	218.7	66.01
	-5.0	-5.6	232.7	72.77	232.7	71.19	231.1	69.24	231.1	67.52	231.1	65.63	226.2	64.15
	-3.0	-3.7	241.3	70.34	241.3	68.78	239.8	66.95	239.8	65.35	239.8	63.69	233.0	62.29
	0.0	-0.7	254.1	66.71	254.1	65.13	252.6	63.53	252.6	62.09	251.4	60.76	233.8	59.51
	3.0	2.2	267.2	63.06	267.2	61.49	264.5	60.11	259.7	58.83	251.6	57.85	233.8	56.71
	5.0	4.1	275.1	60.65	274.6	59.08	268.8	57.82	259.7	56.65	251.6	55.91	233.8	54.85
	7.0	6	282.0	58.22	279.7	56.64	268.8	55.52	259.7	54.47	251.6	53.96	233.8	52.99
	9.0	7.9	282.8	56.39	279.7	54.85	268.8	53.78	259.7	52.75	251.6	52.25	233.8	51.32
	11.0	9.8	282.8	55.04	279.7	53.54	268.8	52.48	259.7	51.48	251.6	51.00	233.8	50.10
	13.0	11.8	282.8	53.58	279.7	52.14	268.8	51.11	259.7	50.13	251.6	49.66	233.8	48.77
	15.0	13.7	282.8	52.05	279.7	50.63	268.8	49.65	259.7	48.69	251.6	48.23	233.8	47.37
110	-24.8	-25	138.4	72.36	138.4	72.97	137.5	73.58	137.5	74.50	137.5	75.16	135.3	75.45
	-21.8	-22	166.6	73.30	166.6	73.91	165.5	74.50	165.5	75.43	165.5	76.07	162.8	76.39
	-19.8	-20	174.7	73.91	174.7	74.54	173.7	75.11	173.7	76.05	173.7	76.69	170.6	77.01
	-18.8	-19	178.5	74.22	178.5	74.83	177.4	75.43	177.4	76.35	177.4	77.01	174.4	75.97
	-16.7	-17	186.4	74.88	186.4	75.49	185.1	76.07	185.1	77.01	185.1	74.90	182.0	73.83
	-13.7	-15	197.6	75.80	197.6	76.41	196.2	77.01	196.2	73.81	196.2	71.89	196.2	70.74
	-11.8	-13	204.0	76.39	204.0	77.01	202.7	74.74	202.7	71.80	202.7	69.98	202.7	68.80
	-9.8	-11	210.8	77.01	210.8	74.47	209.5	72.37	209.5	69.66	209.5	67.98	208.0	66.75
	-9.5	-10	212.0	76.59	212.0	74.06	210.9	72.02	210.9	69.35	210.9	67.68	210.1	66.44
	-8.5	-9.1	216.4	75.22	216.4	72.80	215.0	70.84	215.0	68.26	215.0	66.66	210.4	65.42
	-7.0	-7.6	222.9	73.13	222.9	70.87	221.5	69.04	221.5	66.67	221.5	65.17	210.4	63.89
	-5.0	-5.6	231.4	70.38	231.4	68.32	229.9	66.68	229.9	64.55	225.3	63.16	210.4	61.83
	-3.0	-3.7	239.8	67.63	239.8	65.78	238.3	64.29	233.2	62.41	225.3	61.14	210.4	59.79
	0.0	-0.7	252.7	63.48	252.3	61.95	241.1	60.73	233.2	59.21	225.3	58.14	210.4	56.70
	3.0	2.2	265.1	59.33	256.9	58.11	241.1	57.15	233.2	56.04	225.3	55.12	210.4	53.63
	5.0	4.1	271.9	56.58	256.9	55.56	241.1	54.79	233.2	53.90	225.3	53.12	210.4	51.57
	7.0	6	271.9	53.80	256.9	52.99	241.1	52.41	233.2	51.77	225.3	51.10	210.4	49.52
	9.0	7.9	271.9	51.88	256.9	51.10	241.1	50.54	233.2	49.93	225.3	49.27	210.4	47.75
	11.0	9.8	271.9	50.39	256.9	49.65	241.1	49.08	233.2	48.48	225.3	47.85	210.4	46.38
	13.0	11.8	271.9	48.81	256.9	48.09	241.1	47.55	233.2	46.96	225.3	46.36	210.4	44.94
	15.0	13.7	271.9	47.14	256.9	46.42	241.1	45.91	233.2	45.35	225.3	44.77	210.4	43.38

7. Capacity Tables

Heating Capacity (70HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	137.7	78.57	137.7	78.37	137.0	73.46	137.0	77.84	137.0	77.64	134.6	77.53
	-21.8	-22	165.8	78.27	165.8	78.05	164.8	75.78	164.8	77.54	164.8	78.18	162.0	77.23
	-19.8	-20	174.0	78.05	174.0	77.83	172.9	77.22	172.9	77.32	172.9	77.40	170.0	77.01
	-18.8	-19	177.8	77.94	176.7	77.75	176.7	77.54	176.7	77.21	176.7	77.01	173.7	75.76
	-16.7	-17	184.4	77.73	184.4	77.52	184.4	78.18	183.4	77.01	183.4	74.43	180.3	73.16
	-13.7	-15	196.6	77.41	196.6	77.21	195.5	77.01	195.5	73.27	195.5	70.76	192.2	69.42
	-11.8	-13	202.9	77.23	201.8	77.01	201.8	74.50	201.8	70.89	201.8	68.42	192.2	67.04
	-9.8	-11	209.7	77.01	209.7	74.19	208.8	71.85	208.8	68.41	206.5	65.97	192.2	64.55
	-9.5	-10	210.9	76.56	210.9	73.75	209.9	71.44	209.9	68.03	206.5	65.62	192.2	64.18
	-8.5	-9.1	215.3	75.08	215.3	72.36	214.2	70.13	213.5	66.77	206.5	64.37	192.2	62.94
	-7.0	-7.6	225.3	72.85	224.4	70.22	220.5	68.12	213.5	64.90	206.5	62.54	192.2	61.06
	-5.0	-5.6	235.2	69.88	232.8	67.41	220.5	65.47	213.5	62.41	206.5	60.09	192.2	58.59
	-3.0	-3.7	241.9	66.92	234.5	64.59	220.5	62.84	213.5	59.91	206.5	57.64	192.2	56.10
	0.0	-0.7	248.8	62.48	234.5	60.35	220.5	58.85	213.5	56.17	206.5	53.95	192.2	52.36
	3.0	2.2	248.8	58.02	234.5	56.11	220.5	54.88	213.5	52.43	206.5	50.30	192.2	48.62
	5.0	4.1	248.8	55.06	234.5	53.28	220.5	52.23	213.5	49.93	206.5	47.83	192.2	46.13
	7.0	6	248.8	52.09	234.5	50.46	220.5	49.58	213.5	47.42	206.5	45.39	192.2	43.64
	9.0	7.9	248.8	49.79	234.5	48.24	220.5	47.40	213.5	45.34	206.5	43.40	192.2	41.72
	11.0	9.8	248.8	47.91	234.5	46.40	220.5	45.60	213.5	43.62	206.5	41.73	192.2	40.14
	13.0	11.8	248.8	45.92	234.5	44.47	220.5	43.69	213.5	41.80	206.5	40.00	192.2	38.46
	15.0	13.7	248.8	43.81	234.5	42.42	220.5	41.68	213.5	39.89	206.5	38.16	192.2	36.70
90	-24.8	-25	137.3	70.69	137.3	71.61	136.4	72.27	136.4	72.57	136.4	73.21	134.2	74.13
	-21.8	-22	165.1	71.61	165.1	72.55	164.1	73.21	164.1	73.51	164.1	74.13	161.3	70.87
	-19.8	-20	173.3	72.25	173.3	73.16	172.2	73.82	172.2	74.13	172.2	71.90	169.5	68.72
	-18.8	-19	177.8	72.55	176.7	73.49	176.0	74.13	176.0	72.98	176.0	70.79	173.0	67.63
	-16.7	-17	184.4	73.21	184.4	74.13	183.6	71.74	183.6	70.56	183.6	68.46	175.7	65.35
	-13.7	-15	196.6	74.13	196.6	70.58	194.8	68.35	194.8	67.14	189.3	65.12	175.7	62.11
	-11.8	-13	202.9	71.69	201.8	68.33	201.1	66.19	195.6	64.95	189.3	63.00	175.7	60.05
	-9.8	-11	209.7	69.14	209.7	65.98	201.7	63.94	195.6	62.65	189.3	60.78	175.7	57.88
	-9.5	-10	210.9	68.74	210.9	65.62	201.7	63.59	195.6	62.30	189.3	60.45	175.7	57.56
	-8.5	-9.1	215.3	67.47	213.6	64.46	201.7	62.46	195.6	61.16	189.3	59.34	175.7	56.47
	-7.0	-7.6	225.3	65.54	214.2	62.68	201.7	60.76	195.6	59.44	189.3	57.66	175.7	54.84
	-5.0	-5.6	227.8	62.97	214.2	60.32	201.7	58.50	195.6	57.15	189.3	55.43	175.7	52.69
	-3.0	-3.7	227.8	60.42	214.2	57.95	201.7	56.23	195.6	54.84	189.3	53.20	175.7	50.51
	0.0	-0.7	227.8	56.57	214.2	54.40	201.7	52.83	195.6	51.40	189.3	49.88	175.7	47.26
	3.0	2.2	227.8	52.74	214.2	50.87	201.7	49.44	195.6	47.97	189.3	46.54	175.7	44.02
	5.0	4.1	227.8	50.17	214.2	48.49	201.7	47.16	195.6	45.67	189.3	44.31	175.7	41.84
	7.0	6	227.8	47.61	214.2	46.14	201.7	44.89	195.6	43.37	189.3	42.08	175.7	39.69
	9.0	7.9	227.8	45.20	214.2	43.82	201.7	42.65	195.6	41.18	189.3	39.96	175.7	37.67
	11.0	9.8	227.8	42.79	214.2	41.49	201.7	40.37	195.6	39.00	189.3	37.83	175.7	35.68
	13.0	11.8	227.8	40.40	214.2	39.16	201.7	38.10	195.6	36.80	189.3	35.71	175.7	33.67
	15.0	13.7	227.8	37.99	214.2	36.82	201.7	35.84	195.6	34.60	189.3	33.58	175.7	31.68
80	-24.8	-25	136.6	62.28	136.6	63.22	135.9	63.88	135.9	64.18	135.9	65.74	133.5	62.88
	-21.8	-22	163.4	63.22	163.4	64.16	163.4	64.80	163.4	65.74	163.4	62.88	157.1	60.14
	-19.8	-20	171.5	63.84	171.5	64.77	171.5	65.74	171.5	63.70	168.5	60.96	157.1	58.30
	-18.8	-19	175.3	64.16	175.3	65.74	175.3	64.70	174.4	62.70	168.7	60.02	157.1	57.40
	-16.7	-17	180.5	65.74	180.5	63.58	180.5	62.55	175.0	60.59	168.7	58.02	157.1	55.48
	-13.7	-15	188.6	62.56	185.1	60.52	180.5	59.46	175.0	57.54	168.7	55.16	157.1	52.74
	-11.8	-13	193.9	60.53	188.2	58.57	180.5	57.51	175.0	55.63	168.7	53.34	157.1	50.99
	-9.8	-11	199.1	58.40	190.6	56.54	180.5	55.46	175.0	53.60	168.7	51.44	157.1	49.17
	-9.5	-10	200.4	58.08	191.6	56.22	180.5	55.14	175.0	53.31	168.7	51.15	157.1	48.89
	-8.5	-9.1	202.2	57.03	192.2	55.21	180.5	54.13	175.0	52.28	168.7	50.19	157.1	47.99
	-7.0	-7.6	204.0	55.43	192.2	53.67	180.5	52.58	175.0	50.77	168.7	48.77	157.1	46.61
	-5.0	-5.6	204.0	53.30	192.2	51.64	180.5	50.54	175.0	48.75	168.7	46.84	157.1	44.79
	-3.0	-3.7	204.0	51.17	192.2	49.59	180.5	48.48	175.0	46.73	168.7	44.95	157.1	42.94
	0.0	-0.7	204.0	47.98	192.2	46.53	180.5	45.40	175.0	43.70	168.7	42.08	157.1	40.20
	3.0	2.2	204.0	44.80	192.2	43.46	180.5	42.31	175.0	40.66	168.7	39.22	157.1	37.48
	5.0	4.1	204.0	42.67	192.2	41.41	180.5	40.26	175.0	38.63	168.7	37.33	157.1	35.64
	7.0	6	204.0	40.54	192.2	39.36	180.5	38.21	175.0	36.62	168.7	35.41	157.1	33.81
	9.0	7.9	204.0	38.07	192.2	36.96	180.5	35.88	175.0	34.39	168.7	33.25	157.1	31.76
	11.0	9.8	204.0	35.34	192.2	34.32	180.5	33.31	175.0	31.90	168.7	30.85	157.1	29.47
	13.0	11.8	204.0	32.98	192.2	32.03	180.5	31.09	175.0	29.79	168.7	28.82	157.1	27.50
	15.0	13.7	204.0	31.05	192.2	30.14	180.5	29.26	175.0	28.04	168.7	27.13	157.1	25.89

7. Capacity Tables

Heating Capacity (70HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	136.6	62.18	136.6	62.49	135.9	63.12	135.9	64.04	135.9	60.96	132.5	58.06
	-21.8	-22	154.7	63.12	154.7	63.41	153.6	64.04	148.4	60.96	143.9	58.06	134.3	55.27
	-19.8	-20	166.6	63.74	163.4	64.04	153.6	61.87	148.4	58.90	143.9	56.14	134.3	53.42
	-18.8	-19	171.4	64.04	163.4	62.92	153.6	60.77	148.4	57.85	143.9	55.17	134.3	52.49
	-16.7	-17	172.9	61.71	163.4	60.55	153.6	58.50	148.4	55.69	143.9	53.15	134.3	50.53
	-13.7	-15	172.9	58.37	163.4	57.18	153.6	55.24	148.4	52.60	143.9	50.26	134.3	47.75
	-11.8	-13	172.9	56.23	163.4	55.04	153.6	53.18	148.4	50.63	143.9	48.42	134.3	45.98
	-9.8	-11	172.9	54.03	163.4	52.79	153.6	51.00	148.4	48.58	143.9	46.51	134.3	44.12
	-9.5	-10	172.9	53.67	163.4	52.45	153.6	50.68	148.4	48.27	143.9	46.23	134.3	43.84
	-8.5	-9.1	172.9	52.57	163.4	51.33	153.6	49.60	148.4	47.24	143.9	45.25	134.3	42.92
	-7.0	-7.6	172.9	50.90	163.4	49.65	153.6	47.97	148.4	45.71	143.9	43.81	134.3	41.52
	-5.0	-5.6	172.9	48.68	163.4	47.39	153.6	45.79	148.4	43.63	143.9	41.88	134.3	39.67
	-3.0	-3.7	172.9	46.45	163.4	45.14	153.6	43.62	148.4	41.57	143.9	39.95	134.3	37.81
	0.0	-0.7	172.9	43.10	163.4	41.77	153.6	40.36	148.4	38.49	143.9	37.06	134.3	35.02
	3.0	2.2	172.9	39.76	163.4	38.39	153.6	37.10	148.4	35.39	143.9	34.19	134.3	32.22
	5.0	4.1	172.9	37.54	163.4	36.13	153.6	34.93	148.4	33.34	143.9	32.25	134.3	30.38
	7.0	6	172.9	35.30	163.4	33.89	153.6	32.75	148.4	31.28	143.9	30.33	134.3	28.52
	9.0	7.9	172.9	31.89	163.4	30.61	153.6	29.57	148.4	28.24	143.9	27.38	134.3	25.75
	11.0	9.8	172.9	29.70	163.4	28.49	153.6	27.54	148.4	26.29	143.9	25.51	134.3	23.96
	13.0	11.8	172.9	27.78	163.4	26.66	153.6	25.76	148.4	24.60	143.9	23.86	134.3	22.44
	15.0	13.7	172.9	26.19	163.4	25.14	153.6	24.30	148.4	23.19	143.9	22.49	134.3	21.15
60	-24.8	-25	132.6	61.41	132.6	62.04	131.7	62.98	127.3	59.67	122.9	56.57	115.1	53.68
	-21.8	-22	142.0	62.35	140.4	62.98	131.7	59.67	127.3	56.57	122.9	53.68	115.1	50.87
	-19.8	-20	148.4	62.98	140.4	60.64	131.7	57.47	127.3	54.51	122.9	51.73	115.1	49.00
	-18.8	-19	148.4	61.80	140.4	59.48	131.7	56.38	127.3	53.49	122.9	50.76	115.1	48.06
	-16.7	-17	148.4	59.31	140.4	57.01	131.7	54.06	127.3	51.32	122.9	48.74	115.1	46.11
	-13.7	-15	148.4	55.77	140.4	53.51	131.7	50.75	127.3	48.24	122.9	45.83	115.1	43.30
	-11.8	-13	148.4	53.53	140.4	51.29	131.7	48.65	127.3	46.26	122.9	43.99	115.1	41.54
	-9.8	-11	148.4	51.16	140.4	48.95	131.7	46.46	127.3	44.21	122.9	42.06	115.1	39.66
	-9.5	-10	148.4	50.80	140.4	48.61	131.7	46.14	127.3	43.89	122.9	41.76	115.1	39.38
	-8.5	-9.1	148.4	49.62	140.4	47.45	131.7	45.03	127.3	42.88	122.9	40.80	115.1	38.45
	-7.0	-7.6	148.4	47.86	140.4	45.70	131.7	43.38	127.3	41.32	122.9	39.34	115.1	37.06
	-5.0	-5.6	148.4	45.49	140.4	43.36	131.7	41.19	127.3	39.26	122.9	37.41	115.1	35.18
	-3.0	-3.7	148.4	43.14	140.4	41.02	131.7	38.99	127.3	37.20	122.9	35.46	115.1	33.31
	0.0	-0.7	148.4	39.58	140.4	37.50	131.7	35.68	127.3	34.10	122.9	32.57	115.1	30.52
	3.0	2.2	148.4	36.05	140.4	34.01	131.7	32.37	127.3	31.01	122.9	29.65	115.1	27.71
	5.0	4.1	148.4	33.70	140.4	31.67	131.7	30.18	127.3	28.95	122.9	27.73	115.1	25.84
	7.0	6	148.4	31.32	140.4	29.34	131.7	27.98	127.3	26.87	122.9	25.79	115.1	23.96
	9.0	7.9	148.4	27.95	140.4	26.18	131.7	24.95	127.3	24.00	122.9	23.01	115.1	21.39
	11.0	9.8	148.4	26.09	140.4	24.44	131.7	23.29	127.3	22.40	122.9	21.49	115.1	19.98
	13.0	11.8	148.4	24.44	140.4	22.88	131.7	21.84	127.3	20.99	122.9	20.12	115.1	18.71
	15.0	13.7	148.4	23.09	140.4	21.64	131.7	20.63	127.3	19.81	122.9	19.03	115.1	17.69
50	-24.8	-25	123.8	53.64	116.8	54.56	109.8	51.66	106.3	48.93	102.6	46.36	95.6	43.97
	-21.8	-22	123.8	54.56	116.8	51.66	109.8	48.93	106.3	46.36	102.6	43.97	95.6	41.66
	-19.8	-20	123.8	52.53	116.8	49.71	109.8	47.11	106.3	44.63	102.6	42.36	95.6	40.11
	-18.8	-19	123.8	51.51	116.8	48.72	109.8	46.22	106.3	43.79	102.6	41.58	95.6	39.37
	-16.7	-17	123.8	49.38	116.8	46.71	109.8	44.31	106.3	41.97	102.6	39.89	95.6	37.75
	-13.7	-15	123.8	46.33	116.8	43.77	109.8	41.57	106.3	39.40	102.6	37.49	95.6	35.44
	-11.8	-13	123.8	44.39	116.8	41.93	109.8	39.85	106.3	37.77	102.6	35.98	95.6	34.00
	-9.8	-11	123.8	42.36	116.8	39.99	109.8	38.03	106.3	36.05	102.6	34.37	95.6	32.45
	-9.5	-10	123.8	42.05	116.8	39.71	109.8	37.75	106.3	35.80	102.6	34.15	95.6	32.22
	-8.5	-9.1	123.8	41.04	116.8	38.72	109.8	36.86	106.3	34.95	102.6	33.35	95.6	31.45
	-7.0	-7.6	123.8	39.50	116.8	37.27	109.8	35.49	106.3	33.65	102.6	32.15	95.6	30.31
	-5.0	-5.6	123.8	37.47	116.8	35.33	109.8	33.69	106.3	31.95	102.6	30.56	95.6	28.78
	-3.0	-3.7	123.8	35.44	116.8	33.38	109.8	31.85	106.3	30.23	102.6	28.95	95.6	27.23
	0.0	-0.7	123.8	32.40	116.8	30.45	109.8	29.14	106.3	27.66	102.6	26.55	95.6	24.94
	3.0	2.2	123.8	29.33	116.8	27.55	109.8	26.41	106.3	25.08	102.6	24.16	95.6	22.63
	5.0	4.1	123.8	27.30	116.8	25.60	109.8	24.61	106.3	23.36	102.6	22.57	95.6	21.10
	7.0	6	123.8	25.27	116.8	23.66	109.8	22.79	106.3	21.64	102.6	20.96	95.6	19.57
	9.0	7.9	123.8	22.81	116.8	21.36	109.8	20.59	106.3	19.55	102.6	18.94	95.6	17.68
	11.0	9.8	123.8	21.36	116.8	19.98	109.8	19.25	106.3	18.29	102.6	17.72	95.6	16.53
	13.0	11.8	123.8	20.05	116.8	18.77	109.8	18.08	106.3	17.18	102.6	16.64	95.6	15.53
	15.0	13.7	123.8	18.97	116.8	17.76	109.8	17.11	106.3	16.24	102.6	15.75	95.6	14.69

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM720LTE5

Heating Capacity (72HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	142.4	75.09	142.4	75.51	141.4	75.88	141.4	76.43	141.4	76.98	139.2	77.80
	-21.8	-22	172.4	75.94	172.4	76.36	171.3	76.73	171.3	77.28	171.3	77.80	168.5	78.64
	-19.8	-20	181.7	76.49	181.7	76.92	180.3	77.28	180.3	77.84	180.3	78.35	177.5	79.20
	-18.8	-19	185.4	76.76	185.4	77.18	184.3	77.55	184.3	78.10	184.3	78.64	181.2	79.46
	-16.7	-17	193.8	77.36	193.8	77.78	192.7	78.15	192.7	78.70	192.7	79.21	189.5	80.06
	-13.7	-15	205.8	78.21	205.8	78.60	204.7	78.97	204.7	79.52	204.7	80.06	201.2	77.01
	-11.8	-13	212.6	78.72	212.6	79.14	211.2	79.51	211.2	80.06	211.2	78.00	208.5	75.07
	-9.8	-11	219.5	79.27	219.5	79.70	218.3	80.06	218.3	77.87	218.3	75.85	215.9	73.05
	-9.5	-10	220.9	79.38	220.9	79.77	219.5	79.72	219.5	77.55	219.4	75.51	217.0	72.74
	-8.5	-9.1	225.4	79.64	225.4	80.06	224.0	78.59	224.0	76.44	222.7	74.43	220.9	71.71
	-7.0	-7.6	232.2	80.06	232.2	78.41	230.7	76.92	230.7	74.78	230.7	72.82	227.2	70.19
	-5.0	-5.6	240.9	77.92	240.9	76.22	239.4	74.69	239.4	72.61	239.4	70.67	234.8	68.16
	-3.0	-3.7	249.9	75.80	249.9	74.02	248.4	72.44	248.4	70.41	248.4	68.49	242.5	66.11
	0.0	-0.7	263.0	72.61	263.0	70.75	261.6	69.06	261.6	67.13	261.6	65.26	253.9	63.06
	3.0	2.2	276.5	69.42	276.5	67.45	274.7	65.71	274.7	63.82	273.2	62.00	256.0	60.01
	5.0	4.1	285.0	67.30	285.0	65.25	283.3	63.46	282.1	61.65	275.0	59.82	256.0	57.98
	7.0	6	291.9	65.15	291.9	63.05	290.2	61.23	285.1	59.45	275.0	57.67	256.0	55.96
	9.0	7.9	293.1	63.39	293.1	61.36	292.3	59.58	285.1	57.84	275.0	56.11	256.0	54.44
	11.0	9.8	293.1	62.21	293.1	60.19	292.3	58.46	285.1	56.73	275.0	55.06	256.0	53.40
	13.0	11.8	293.1	60.89	293.1	58.95	292.3	57.22	285.1	55.56	275.0	53.91	256.0	52.29
	15.0	13.7	293.1	59.52	293.1	57.59	292.3	55.90	285.1	54.29	275.0	52.67	256.0	51.09
120	-24.8	-25	141.4	75.51	141.4	75.88	140.3	76.43	140.3	76.98	140.3	77.80	138.1	78.40
	-21.8	-22	171.3	76.36	171.3	76.73	170.2	77.28	170.2	77.80	170.2	78.64	167.4	79.21
	-19.8	-20	180.3	76.92	180.3	77.28	179.2	77.84	179.2	78.35	179.2	79.20	176.1	79.77
	-18.8	-19	184.3	77.18	184.3	77.55	183.2	78.10	183.2	78.64	183.2	79.46	180.1	80.06
	-16.7	-17	192.7	77.78	192.7	78.15	191.3	78.70	191.3	79.21	191.3	80.06	188.1	78.09
	-13.7	-15	204.3	78.60	204.3	78.97	203.2	79.52	203.2	80.06	203.2	77.12	199.8	75.30
	-11.8	-13	211.1	79.14	211.1	79.51	209.7	80.06	209.7	77.99	209.7	75.28	207.0	73.51
	-9.8	-11	218.0	79.70	218.0	80.06	216.6	77.79	216.6	75.81	216.6	73.33	214.5	71.64
	-9.5	-10	219.5	79.77	219.5	79.71	218.1	77.45	218.1	75.47	218.1	73.03	215.7	71.37
	-8.5	-9.1	223.7	80.06	223.7	78.48	222.5	76.29	222.5	74.39	222.5	72.07	219.8	70.42
	-7.0	-7.6	230.4	78.27	230.4	76.67	229.0	74.60	229.0	72.75	228.8	70.61	225.4	69.01
	-5.0	-5.6	239.4	75.86	239.4	74.27	237.6	72.30	237.6	70.56	237.6	68.66	233.4	67.14
	-3.0	-3.7	248.1	73.45	248.1	71.87	246.6	70.02	246.6	68.38	246.6	66.71	240.5	65.27
	0.0	-0.7	261.2	69.86	261.2	68.24	259.7	66.60	259.7	65.12	258.5	63.77	240.5	62.48
	3.0	2.2	274.7	66.24	274.7	64.61	272.0	63.18	267.1	61.86	258.8	60.86	240.5	59.67
	5.0	4.1	282.8	63.86	282.3	62.21	276.5	60.90	267.1	59.68	258.8	58.91	240.5	57.80
	7.0	6	290.0	61.45	287.7	59.78	276.5	58.60	267.1	57.49	258.8	56.96	240.5	55.93
	9.0	7.9	290.9	59.66	287.7	58.03	276.5	56.90	267.1	55.80	258.8	55.27	240.5	54.30
	11.0	9.8	290.9	58.38	287.7	56.78	276.5	55.65	267.1	54.59	258.8	54.09	240.5	53.14
	13.0	11.8	290.9	56.98	287.7	55.45	276.5	54.36	267.1	53.31	258.8	52.81	240.5	51.86
	15.0	13.7	290.9	55.52	287.7	54.01	276.5	52.96	267.1	51.94	258.8	51.45	240.5	50.53
110	-24.8	-25	140.6	75.88	140.6	76.43	139.6	76.98	139.6	77.80	139.6	78.40	137.4	78.66
	-21.8	-22	170.3	76.73	170.3	77.28	169.2	77.80	169.2	78.64	169.2	79.21	166.4	79.51
	-19.8	-20	179.2	77.28	179.2	77.84	178.2	78.35	178.2	79.20	178.2	79.77	175.0	80.06
	-18.8	-19	183.2	77.55	183.2	78.10	182.1	78.64	182.1	79.46	182.1	80.06	179.0	79.01
	-16.7	-17	191.6	78.15	191.6	78.70	190.2	79.21	190.2	80.06	190.2	77.94	187.0	76.85
	-13.7	-15	203.3	78.97	203.3	79.52	201.8	80.06	201.8	76.84	201.8	74.90	201.8	73.72
	-11.8	-13	209.8	79.51	209.8	80.06	208.6	77.78	208.6	74.82	208.6	72.97	208.6	71.76
	-9.8	-11	216.9	80.06	216.9	77.51	215.5	75.39	215.5	72.66	215.5	70.96	214.3	69.68
	-9.5	-10	218.1	79.64	218.1	77.09	217.0	75.04	217.0	72.35	217.0	70.66	216.1	69.37
	-8.5	-9.1	222.6	78.27	222.6	75.83	221.1	73.86	221.1	71.25	221.1	69.63	216.4	68.35
	-7.0	-7.6	229.3	76.17	229.3	73.89	227.9	72.04	227.9	69.65	227.9	68.12	216.4	66.80
	-5.0	-5.6	238.0	73.41	238.0	71.33	236.5	69.67	236.5	67.52	231.8	66.10	216.4	64.72
	-3.0	-3.7	246.6	70.66	246.6	68.78	245.0	67.27	239.8	65.36	231.8	64.06	216.4	62.65
	0.0	-0.7	259.8	66.49	259.4	64.93	248.0	63.69	239.8	62.13	231.8	61.03	216.4	59.52
	3.0	2.2	272.5	62.33	264.2	61.07	248.0	60.08	239.8	58.94	231.8	57.99	216.4	56.42
	5.0	4.1	279.7	59.57	264.2	58.52	248.0	57.72	239.8	56.78	231.8	55.98	216.4	54.34
	7.0	6	279.7	56.78	264.2	55.93	248.0	55.32	239.8	54.64	231.8	53.93	216.4	52.26
	9.0	7.9	279.7	54.88	264.2	54.06	248.0	53.46	239.8	52.82	231.8	52.11	216.4	50.51
	11.0	9.8	279.7	53.43	264.2	52.65	248.0	52.05	239.8	51.41	231.8	50.74	216.4	49.18
	13.0	11.8	279.7	51.90	264.2	51.13	248.0	50.56	239.8	49.93	231.8	49.29	216.4	47.78
	15.0	13.7	279.7	50.27	264.2	49.50	248.0	48.96	239.8	48.37	231.8	47.74	216.4	46.26

7. Capacity Tables

Heating Capacity (72HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	139.9	83.39	139.9	82.96	139.2	76.98	139.2	81.85	139.2	81.40	136.7	81.17
	-21.8	-22	169.5	82.74	169.5	82.28	168.5	79.40	168.5	81.20	168.5	81.77	165.6	80.52
	-19.8	-20	178.5	82.28	178.5	81.82	177.4	80.90	177.4	80.74	177.4	80.63	174.3	80.06
	-18.8	-19	182.5	82.05	181.4	81.63	181.4	81.20	181.4	80.51	181.4	80.06	178.3	78.79
	-16.7	-17	189.5	81.60	189.5	81.15	189.5	81.77	188.4	80.06	188.4	77.44	185.2	76.14
	-13.7	-15	202.2	80.92	202.2	80.49	201.1	80.06	201.1	76.27	201.1	73.70	197.7	72.33
	-11.8	-13	208.7	80.52	207.6	80.06	207.6	77.53	207.6	73.86	207.6	71.33	197.7	69.90
	-9.8	-11	215.8	80.06	215.8	77.22	214.8	74.85	214.8	71.34	212.4	68.83	197.7	67.36
	-9.5	-10	217.0	79.61	217.0	76.77	215.9	74.43	215.9	70.96	212.4	68.48	197.7	66.99
	-8.5	-9.1	221.5	78.12	221.5	75.37	220.4	73.11	219.6	69.68	212.4	67.21	197.7	65.72
	-7.0	-7.6	231.8	75.88	230.8	73.21	226.8	71.07	219.6	67.77	212.4	65.34	197.7	63.81
	-5.0	-5.6	241.9	72.88	239.4	70.37	226.8	68.39	219.6	65.25	212.4	62.86	197.7	61.30
	-3.0	-3.7	248.8	69.91	241.2	67.53	226.8	65.74	219.6	62.72	212.4	60.36	197.7	58.76
	0.0	-0.7	255.9	65.43	241.2	63.25	226.8	61.70	219.6	58.93	212.4	56.61	197.7	54.95
	3.0	2.2	255.9	60.94	241.2	58.97	226.8	57.69	219.6	55.13	212.4	52.90	197.7	51.14
	5.0	4.1	255.9	57.97	241.2	56.10	226.8	55.01	219.6	52.60	212.4	50.39	197.7	48.60
	7.0	6	255.9	54.97	241.2	53.26	226.8	52.33	219.6	50.05	212.4	47.91	197.7	46.06
	9.0	7.9	255.9	52.84	241.2	51.20	226.8	50.31	219.6	48.12	212.4	46.06	197.7	44.28
	11.0	9.8	255.9	51.16	241.2	49.54	226.8	48.69	219.6	46.57	212.4	44.56	197.7	42.86
	13.0	11.8	255.9	49.37	241.2	47.82	226.8	46.98	219.6	44.94	212.4	43.01	197.7	41.35
	15.0	13.7	255.9	47.47	241.2	45.96	226.8	45.16	219.6	43.23	212.4	41.35	197.7	39.77
90	-24.8	-25	139.5	74.44	139.5	75.26	138.5	75.86	138.5	76.12	138.5	76.71	136.3	77.53
	-21.8	-22	168.8	75.26	168.8	76.11	167.8	76.71	167.8	76.97	167.8	77.53	164.9	74.16
	-19.8	-20	177.8	75.85	177.8	76.66	176.7	77.26	176.7	77.53	176.7	75.23	173.9	71.94
	-18.8	-19	182.5	76.11	181.4	76.96	180.7	77.53	180.7	76.34	180.7	74.08	177.6	70.80
	-16.7	-17	189.5	76.71	189.5	77.53	188.7	75.07	188.7	73.85	188.7	71.67	180.7	68.44
	-13.7	-15	202.2	77.53	202.2	73.87	200.4	71.57	200.4	70.32	194.7	68.22	180.7	65.10
	-11.8	-13	208.7	75.02	207.6	71.56	206.9	69.34	201.2	68.06	194.7	66.03	180.7	62.96
	-9.8	-11	215.8	72.40	215.8	69.14	207.4	67.03	201.2	65.68	194.7	63.74	180.7	60.71
	-9.5	-10	217.0	71.99	217.0	68.76	207.4	66.66	201.2	65.31	194.7	63.40	180.7	60.38
	-8.5	-9.1	221.5	70.68	219.7	67.57	207.4	65.50	201.2	64.15	194.7	62.25	180.7	59.26
	-7.0	-7.6	231.8	68.70	220.3	65.74	207.4	63.75	201.2	62.37	194.7	60.51	180.7	57.57
	-5.0	-5.6	234.3	66.05	220.3	63.31	207.4	61.41	201.2	60.00	194.7	58.21	180.7	55.35
	-3.0	-3.7	234.3	63.43	220.3	60.86	207.4	59.07	201.2	57.62	194.7	55.91	180.7	53.09
	0.0	-0.7	234.3	59.47	220.3	57.20	207.4	55.57	201.2	54.06	194.7	52.47	180.7	49.73
	3.0	2.2	234.3	55.53	220.3	53.58	207.4	52.07	201.2	50.53	194.7	49.02	180.7	46.37
	5.0	4.1	234.3	52.88	220.3	51.12	207.4	49.72	201.2	48.15	194.7	46.72	180.7	44.11
	7.0	6	234.3	50.26	220.3	48.70	207.4	47.38	201.2	45.78	194.7	44.42	180.7	41.89
	9.0	7.9	234.3	47.77	220.3	46.31	207.4	45.07	201.2	43.51	194.7	42.23	180.7	39.81
	11.0	9.8	234.3	45.28	220.3	43.90	207.4	42.72	201.2	41.27	194.7	40.03	180.7	37.76
	13.0	11.8	234.3	42.82	220.3	41.51	207.4	40.38	201.2	39.00	194.7	37.84	180.7	35.68
	15.0	13.7	234.3	40.33	220.3	39.09	207.4	38.04	201.2	36.73	194.7	35.64	180.7	33.63
80	-24.8	-25	138.8	65.64	138.8	66.49	138.1	67.09	138.1	67.35	138.1	68.76	135.6	65.80
	-21.8	-22	167.0	66.49	167.0	67.34	167.0	67.91	167.0	68.76	167.0	65.80	161.6	62.96
	-19.8	-20	176.0	67.05	176.0	67.89	176.0	68.76	176.0	66.65	173.3	63.81	161.6	61.05
	-18.8	-19	180.0	67.34	180.0	68.76	180.0	67.68	179.4	65.61	173.5	62.84	161.6	60.12
	-16.7	-17	185.7	68.76	185.7	66.53	185.7	65.46	180.0	63.43	173.5	60.77	161.6	58.13
	-13.7	-15	194.0	65.48	190.4	63.37	185.7	62.27	180.0	60.28	173.5	57.81	161.6	55.29
	-11.8	-13	199.1	63.39	193.3	61.36	185.7	60.26	180.0	58.31	173.5	55.93	161.6	53.48
	-9.8	-11	204.5	61.19	195.9	59.27	185.7	58.14	180.0	56.21	173.5	53.97	161.6	51.60
	-9.5	-10	205.9	60.86	196.9	58.94	185.7	57.81	180.0	55.91	173.5	53.67	161.6	51.30
	-8.5	-9.1	207.8	59.78	197.7	57.90	185.7	56.77	180.0	54.84	173.5	52.67	161.6	50.38
	-7.0	-7.6	209.9	58.14	197.7	56.30	185.7	55.17	180.0	53.28	173.5	51.20	161.6	48.94
	-5.0	-5.6	209.9	55.94	197.7	54.22	185.7	53.06	180.0	51.20	173.5	49.20	161.6	47.06
	-3.0	-3.7	209.9	53.74	197.7	52.10	185.7	50.94	180.0	49.10	173.5	47.24	161.6	45.14
	0.0	-0.7	209.9	50.46	197.7	48.94	185.7	47.75	180.0	45.98	173.5	44.28	161.6	42.30
	3.0	2.2	209.9	47.18	197.7	45.77	185.7	44.56	180.0	42.83	173.5	41.32	161.6	39.49
	5.0	4.1	209.9	44.98	197.7	43.66	185.7	42.44	180.0	40.73	173.5	39.36	161.6	37.58
	7.0	6	209.9	42.79	197.7	41.54	185.7	40.33	180.0	38.65	173.5	37.37	161.6	35.69
	9.0	7.9	209.9	40.18	197.7	39.01	185.7	37.87	180.0	36.30	173.5	35.09	161.6	33.52
	11.0	9.8	209.9	37.30	197.7	36.23	185.7	35.16	180.0	33.67	173.5	32.56	161.6	31.10
	13.0	11.8	209.9	34.81	197.7	33.81	185.7	32.81	180.0	31.45	173.5	30.42	161.6	29.03
	15.0	13.7	209.9	32.77	197.7	31.81	185.7	30.88	180.0	29.60	173.5	28.64	161.6	27.32

7. Capacity Tables

Heating Capacity (72HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	138.8	65.31	138.8	65.60	138.1	66.16	138.1	66.98	138.1	63.79	135.5	60.78
	-21.8	-22	159.1	66.16	159.1	66.42	158.0	66.98	152.6	63.79	148.0	60.78	138.2	57.89
	-19.8	-20	172.6	66.72	168.1	66.98	158.0	64.74	152.6	61.66	148.0	58.80	138.2	55.96
	-18.8	-19	177.6	66.98	168.1	65.83	158.0	63.60	152.6	60.56	148.0	57.78	138.2	55.00
	-16.7	-17	177.8	64.58	168.1	63.37	158.0	61.25	152.6	58.33	148.0	55.69	138.2	52.96
	-13.7	-15	177.8	61.12	168.1	59.88	158.0	57.87	152.6	55.13	148.0	52.69	138.2	50.07
	-11.8	-13	177.8	58.91	168.1	57.67	158.0	55.74	152.6	53.08	148.0	50.78	138.2	48.24
	-9.8	-11	177.8	56.63	168.1	55.33	158.0	53.47	152.6	50.95	148.0	48.80	138.2	46.30
	-9.5	-10	177.8	56.26	168.1	54.99	158.0	53.14	152.6	50.63	148.0	48.51	138.2	46.01
	-8.5	-9.1	177.8	55.12	168.1	53.82	158.0	52.03	152.6	49.56	148.0	47.49	138.2	45.06
	-7.0	-7.6	177.8	53.39	168.1	52.09	158.0	50.34	152.6	47.98	148.0	45.99	138.2	43.60
	-5.0	-5.6	177.8	51.10	168.1	49.74	158.0	48.07	152.6	45.82	148.0	44.00	138.2	41.69
	-3.0	-3.7	177.8	48.79	168.1	47.42	158.0	45.83	152.6	43.69	148.0	41.99	138.2	39.75
	0.0	-0.7	177.8	45.33	168.1	43.93	158.0	42.45	152.6	40.50	148.0	38.99	138.2	36.86
	3.0	2.2	177.8	41.87	168.1	40.43	158.0	39.07	152.6	37.28	148.0	36.02	138.2	33.94
	5.0	4.1	177.8	39.58	168.1	38.08	158.0	36.83	152.6	35.15	148.0	34.00	138.2	32.04
	7.0	6	177.8	37.26	168.1	35.77	158.0	34.56	152.6	33.02	148.0	32.02	138.2	30.10
	9.0	7.9	177.8	33.66	168.1	32.31	158.0	31.21	152.6	29.81	148.0	28.89	138.2	27.18
	11.0	9.8	177.8	31.35	168.1	30.07	158.0	29.07	152.6	27.75	148.0	26.93	138.2	25.29
	13.0	11.8	177.8	29.32	168.1	28.14	158.0	27.18	152.6	25.97	148.0	25.18	138.2	23.69
	15.0	13.7	177.8	27.64	168.1	26.54	158.0	25.65	152.6	24.47	148.0	23.73	138.2	22.33
60	-24.8	-25	136.4	64.54	136.4	65.10	135.4	65.95	131.0	62.51	126.4	59.28	118.4	56.27
	-21.8	-22	146.1	65.39	144.4	65.95	135.4	62.51	131.0	59.28	126.4	56.27	118.4	53.34
	-19.8	-20	152.6	65.95	144.4	63.52	135.4	60.22	131.0	57.14	126.4	54.24	118.4	51.39
	-18.8	-19	152.6	64.72	144.4	62.32	135.4	59.09	131.0	56.08	126.4	53.23	118.4	50.41
	-16.7	-17	152.6	62.14	144.4	59.74	135.4	56.67	131.0	53.81	126.4	51.13	118.4	48.38
	-13.7	-15	152.6	58.46	144.4	56.11	135.4	53.22	131.0	50.61	126.4	48.09	118.4	45.45
	-11.8	-13	152.6	56.14	144.4	53.79	135.4	51.04	131.0	48.55	126.4	46.17	118.4	43.61
	-9.8	-11	152.6	53.67	144.4	51.36	135.4	48.76	131.0	46.41	126.4	44.17	118.4	41.65
	-9.5	-10	152.6	53.30	144.4	51.00	135.4	48.43	131.0	46.08	126.4	43.85	118.4	41.36
	-8.5	-9.1	152.6	52.07	144.4	49.80	135.4	47.27	131.0	45.03	126.4	42.86	118.4	40.39
	-7.0	-7.6	152.6	50.25	144.4	47.98	135.4	45.56	131.0	43.40	126.4	41.34	118.4	38.94
	-5.0	-5.6	152.6	47.78	144.4	45.55	135.4	43.28	131.0	41.26	126.4	39.32	118.4	36.98
	-3.0	-3.7	152.6	45.34	144.4	43.12	135.4	40.99	131.0	39.12	126.4	37.29	118.4	35.03
	0.0	-0.7	152.6	41.64	144.4	39.45	135.4	37.55	131.0	35.89	126.4	34.28	118.4	32.13
	3.0	2.2	152.6	37.97	144.4	35.82	135.4	34.10	131.0	32.67	126.4	31.24	118.4	29.20
	5.0	4.1	152.6	35.53	144.4	33.39	135.4	31.82	131.0	30.53	126.4	29.24	118.4	27.25
	7.0	6	152.6	33.06	144.4	30.96	135.4	29.53	131.0	28.36	126.4	27.22	118.4	25.29
	9.0	7.9	152.6	29.50	144.4	27.64	135.4	26.33	131.0	25.33	126.4	24.29	118.4	22.58
	11.0	9.8	152.6	27.54	144.4	25.79	135.4	24.58	131.0	23.65	126.4	22.69	118.4	21.09
	13.0	11.8	152.6	25.79	144.4	24.15	135.4	23.05	131.0	22.16	126.4	21.23	118.4	19.74
	15.0	13.7	152.6	24.37	144.4	22.84	135.4	21.77	131.0	20.91	126.4	20.09	118.4	18.67
50	-24.8	-25	127.4	56.24	120.2	57.06	113.0	54.05	109.4	51.22	105.5	48.55	98.3	46.06
	-21.8	-22	127.4	57.06	120.2	54.05	113.0	51.22	109.4	48.55	105.5	46.06	98.3	43.65
	-19.8	-20	127.4	54.96	120.2	52.03	113.0	49.32	109.4	46.75	105.5	44.38	98.3	42.04
	-18.8	-19	127.4	53.90	120.2	51.00	113.0	48.40	109.4	45.87	105.5	43.57	98.3	41.27
	-16.7	-17	127.4	51.69	120.2	48.91	113.0	46.42	109.4	43.97	105.5	41.81	98.3	39.59
	-13.7	-15	127.4	48.53	120.2	45.86	113.0	43.56	109.4	41.30	105.5	39.32	98.3	37.18
	-11.8	-13	127.4	46.51	120.2	43.95	113.0	41.79	109.4	39.61	105.5	37.75	98.3	35.68
	-9.8	-11	127.4	44.41	120.2	41.93	113.0	39.89	109.4	37.82	105.5	36.07	98.3	34.07
	-9.5	-10	127.4	44.08	120.2	41.64	113.0	39.60	109.4	37.56	105.5	35.85	98.3	33.82
	-8.5	-9.1	127.4	43.04	120.2	40.61	113.0	38.68	109.4	36.68	105.5	35.01	98.3	33.02
	-7.0	-7.6	127.4	41.43	120.2	39.11	113.0	37.25	109.4	35.33	105.5	33.76	98.3	31.84
	-5.0	-5.6	127.4	39.33	120.2	37.09	113.0	35.38	109.4	33.56	105.5	32.11	98.3	30.24
	-3.0	-3.7	127.4	37.23	120.2	35.07	113.0	33.47	109.4	31.77	105.5	30.43	98.3	28.63
	0.0	-0.7	127.4	34.07	120.2	32.02	113.0	30.65	109.4	29.10	105.5	27.94	98.3	26.25
	3.0	2.2	127.4	30.88	120.2	29.01	113.0	27.82	109.4	26.42	105.5	25.45	98.3	23.84
	5.0	4.1	127.4	28.78	120.2	26.99	113.0	25.95	109.4	24.63	105.5	23.80	98.3	22.24
	7.0	6	127.4	26.68	120.2	24.97	113.0	24.05	109.4	22.84	105.5	22.12	98.3	20.66
	9.0	7.9	127.4	24.08	120.2	22.55	113.0	21.73	109.4	20.63	105.5	19.99	98.3	18.66
	11.0	9.8	127.4	22.55	120.2	21.09	113.0	20.31	109.4	19.31	105.5	18.70	98.3	17.45
	13.0	11.8	127.4	21.16	120.2	19.81	113.0	19.09	109.4	18.13	105.5	17.56	98.3	16.39
	15.0	13.7	127.4	20.02	120.2	18.74	113.0	18.06	109.4	17.14	105.5	16.63	98.3	15.50

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM740LTE5

Heating Capacity (74HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	145.8	76.73	145.8	77.07	144.8	77.37	144.8	77.82	144.8	78.26	142.1	78.92
	-21.8	-22	177.3	77.42	177.3	77.76	176.1	78.06	176.1	78.51	176.1	78.92	172.8	79.61
	-19.8	-20	187.2	77.87	187.2	78.21	185.8	78.51	185.8	78.96	185.8	79.37	182.4	80.06
	-18.8	-19	191.0	78.08	191.0	78.42	189.9	78.72	189.9	79.17	189.9	79.61	186.2	80.27
	-16.7	-17	199.7	78.57	199.7	78.91	198.5	79.21	198.5	79.66	198.5	80.07	194.8	80.76
	-13.7	-15	212.0	79.26	212.0	79.57	210.9	79.87	210.9	80.32	210.9	80.76	206.8	77.82
	-11.8	-13	219.0	79.67	219.0	80.01	217.6	80.31	217.6	80.76	217.6	78.78	214.3	75.95
	-9.8	-11	226.1	80.12	226.1	80.46	224.9	80.76	224.9	78.67	224.9	76.72	222.2	74.00
	-9.5	-10	227.6	80.21	227.6	80.52	226.1	80.43	226.1	78.37	226.1	76.39	223.4	73.70
	-8.5	-9.1	232.0	80.42	232.0	80.76	230.5	79.37	230.5	77.30	229.4	75.36	227.5	72.71
	-7.0	-7.6	238.6	80.76	238.6	79.22	237.1	77.78	237.1	75.72	237.1	73.81	233.5	71.24
	-5.0	-5.6	247.2	78.77	247.2	77.15	245.7	75.68	245.7	73.66	245.7	71.75	241.4	69.29
	-3.0	-3.7	256.0	76.82	256.0	75.09	254.5	73.55	254.5	71.56	254.5	69.66	249.3	67.31
	0.0	-0.7	269.0	73.87	269.0	72.03	267.5	70.35	267.5	68.43	267.5	66.56	261.0	64.37
	3.0	2.2	282.3	70.92	282.3	68.94	280.4	67.18	280.4	65.27	280.4	63.44	263.1	61.42
	5.0	4.1	291.1	68.96	291.1	66.87	289.3	65.05	289.3	63.21	282.7	61.35	263.1	59.47
	7.0	6	299.7	66.97	299.7	64.81	297.8	62.94	293.0	61.11	282.7	59.28	263.1	57.52
	9.0	7.9	301.2	65.35	301.2	63.26	300.4	61.43	293.0	59.64	282.7	57.85	263.1	56.12
	11.0	9.8	301.2	64.34	301.2	62.26	300.4	60.46	293.0	58.68	282.7	56.95	263.1	55.23
	13.0	11.8	301.2	63.20	301.2	61.18	300.4	59.39	293.0	57.67	282.7	55.95	263.1	54.27
	15.0	13.7	301.2	62.01	301.2	60.00	300.4	58.25	293.0	56.56	282.7	54.88	263.1	53.23
120	-24.8	-25	144.7	77.07	144.7	77.37	143.7	77.82	143.7	78.26	143.7	78.92	141.0	79.41
	-21.8	-22	176.1	77.76	176.1	78.06	175.0	78.51	175.0	78.92	175.0	79.61	171.7	80.07
	-19.8	-20	185.7	78.21	185.7	78.51	184.6	78.96	184.6	79.37	184.6	80.06	180.9	80.52
	-18.8	-19	189.9	78.42	189.9	78.72	188.7	79.17	188.7	79.61	188.7	80.27	185.0	80.76
	-16.7	-17	198.5	78.91	198.5	79.21	197.1	79.66	197.1	80.07	197.1	80.76	193.3	78.85
	-13.7	-15	210.5	79.57	210.5	79.87	209.4	80.32	209.4	80.76	209.4	77.93	205.3	76.16
	-11.8	-13	217.5	80.01	217.5	80.31	216.1	80.76	216.1	78.77	216.1	76.16	212.8	74.44
	-9.8	-11	224.6	80.46	224.6	80.76	223.1	78.59	223.1	76.68	223.1	74.29	220.7	72.64
	-9.5	-10	226.1	80.52	226.1	80.43	224.6	78.26	224.6	76.35	224.6	74.00	221.9	72.38
	-8.5	-9.1	230.2	80.76	230.2	79.26	229.0	77.16	229.0	75.32	229.0	73.07	226.0	71.46
	-7.0	-7.6	236.8	79.07	236.8	77.53	235.3	75.54	235.3	73.74	235.3	71.68	231.7	70.10
	-5.0	-5.6	245.6	76.79	245.6	75.24	243.8	73.33	243.8	71.64	243.8	69.80	239.9	68.30
	-3.0	-3.7	254.2	74.51	254.2	72.96	252.7	71.16	252.7	69.55	252.7	67.92	247.2	66.50
	0.0	-0.7	267.1	71.12	267.1	69.50	265.6	67.89	265.6	66.42	265.6	65.10	247.2	63.81
	3.0	2.2	280.4	67.69	280.4	66.04	278.5	64.61	274.6	63.29	266.0	62.30	247.2	61.09
	5.0	4.1	288.9	65.44	288.9	63.76	284.1	62.44	274.6	61.19	266.0	60.42	247.2	59.29
	7.0	6	297.8	63.16	295.6	61.45	284.1	60.24	274.6	59.10	266.0	58.55	247.2	57.49
	9.0	7.9	298.9	61.50	295.6	59.82	284.1	58.65	274.6	57.52	266.0	56.97	247.2	55.97
	11.0	9.8	298.9	60.36	295.6	58.71	284.1	57.54	274.6	56.44	266.0	55.93	247.2	54.94
	13.0	11.8	298.9	59.11	295.6	57.53	284.1	56.39	274.6	55.30	266.0	54.78	247.2	53.80
	15.0	13.7	298.9	57.81	295.6	56.23	284.1	55.14	274.6	54.08	266.0	53.56	247.2	52.61
110	-24.8	-25	144.0	77.37	144.0	77.82	142.9	78.26	142.9	78.92	142.9	79.41	140.3	79.62
	-21.8	-22	175.0	78.06	175.0	78.51	173.9	78.92	173.9	79.61	173.9	80.07	170.6	80.31
	-19.8	-20	184.7	78.51	184.7	78.96	183.5	79.37	183.5	80.06	183.5	80.52	179.9	80.76
	-18.8	-19	188.8	78.72	188.8	79.17	187.6	79.61	187.6	80.27	187.6	80.76	184.0	79.74
	-16.7	-17	197.4	79.21	197.4	79.66	196.0	80.07	196.0	80.76	196.0	78.70	192.2	77.64
	-13.7	-15	209.4	79.87	209.4	80.32	208.0	80.76	208.0	77.64	208.0	75.76	208.0	74.59
	-11.8	-13	216.1	80.31	216.1	80.76	215.0	78.56	215.0	75.69	215.0	73.89	215.0	72.68
	-9.8	-11	223.5	80.76	223.5	78.30	222.0	76.24	222.0	73.59	222.0	71.94	220.8	70.66
	-9.5	-10	224.6	80.36	224.6	77.90	223.5	75.91	223.5	73.30	223.5	71.64	222.4	70.36
	-8.5	-9.1	229.0	79.03	229.0	76.68	227.6	74.77	227.6	72.24	227.6	70.65	222.4	69.37
	-7.0	-7.6	235.7	77.01	235.7	74.81	234.2	73.01	234.2	70.69	234.2	69.18	222.4	67.86
	-5.0	-5.6	244.2	74.36	244.2	72.34	242.7	70.72	242.7	68.63	238.3	67.23	222.4	65.84
	-3.0	-3.7	252.7	71.71	252.7	69.88	251.2	68.41	246.4	66.54	238.3	65.25	222.4	63.82
	0.0	-0.7	265.7	67.71	265.7	66.16	254.9	64.95	246.4	63.41	238.3	62.31	222.4	60.78
	3.0	2.2	278.6	63.70	271.6	62.45	254.9	61.46	246.4	60.32	238.3	59.37	222.4	57.76
	5.0	4.1	287.4	61.05	271.6	59.99	254.9	59.18	246.4	58.23	238.3	57.42	222.4	55.74
	7.0	6	287.5	58.37	271.6	57.49	254.9	56.86	246.4	56.17	238.3	55.44	222.4	53.72
	9.0	7.9	287.5	56.56	271.6	55.72	254.9	55.10	246.4	54.44	238.3	53.71	222.4	52.06
	11.0	9.8	287.5	55.24	271.6	54.43	254.9	53.81	246.4	53.15	238.3	52.46	222.4	50.84
	13.0	11.8	287.5	53.83	271.6	53.03	254.9	52.44	246.4	51.78	238.3	51.12	222.4	49.55
	15.0	13.7	287.5	52.32	271.6	51.52	254.9	50.96	246.4	50.34	238.3	49.69	222.4	48.15

7. Capacity Tables

Heating Capacity (74HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	143.3	84.72	143.3	84.21	142.5	77.92	142.5	82.89	142.5	82.35	139.6	82.08
	-21.8	-22	174.3	83.94	174.3	83.40	173.2	80.36	173.2	82.11	173.2	82.57	169.9	81.30
	-19.8	-20	183.9	83.40	183.9	82.86	182.8	81.87	182.8	81.57	182.8	81.36	179.1	80.76
	-18.8	-19	188.0	83.13	186.9	82.62	186.9	82.11	186.9	81.30	186.9	80.76	183.2	79.51
	-16.7	-17	195.2	82.59	195.2	82.05	195.2	82.57	194.1	80.76	194.1	78.19	190.4	76.90
	-13.7	-15	208.3	81.78	208.3	81.27	207.2	80.76	207.2	77.05	207.2	74.52	203.2	73.16
	-11.8	-13	215.0	81.30	213.9	80.76	213.9	78.30	213.9	74.70	213.9	72.20	203.2	70.78
	-9.8	-11	222.4	80.76	222.4	78.00	221.2	75.69	221.2	72.24	218.3	69.75	203.2	68.28
	-9.5	-10	223.5	80.32	223.5	77.57	222.4	75.29	222.4	71.87	218.3	69.41	203.2	67.91
	-8.5	-9.1	227.9	78.89	227.9	76.20	226.8	74.00	225.7	70.62	218.3	68.17	203.2	66.66
	-7.0	-7.6	238.3	76.72	237.2	74.11	233.1	72.02	225.7	68.75	218.3	66.33	203.2	64.79
	-5.0	-5.6	248.6	73.82	246.1	71.35	233.1	69.41	225.7	66.29	218.3	63.90	203.2	62.32
	-3.0	-3.7	255.7	70.95	247.9	68.59	233.1	66.83	225.7	63.83	218.3	61.45	203.2	59.83
	0.0	-0.7	263.0	66.61	247.9	64.44	233.1	62.90	225.7	60.12	218.3	57.77	203.2	56.08
	3.0	2.2	263.0	62.27	247.9	60.29	233.1	59.01	225.7	56.41	218.3	54.13	203.2	52.34
	5.0	4.1	263.0	59.40	247.9	57.50	233.1	56.40	225.7	53.94	218.3	51.67	203.2	49.84
	7.0	6	263.0	56.50	247.9	54.74	233.1	53.79	225.7	51.45	218.3	49.25	203.2	47.35
	9.0	7.9	263.0	54.49	247.9	52.80	233.1	51.89	225.7	49.62	218.3	47.49	203.2	45.67
	11.0	9.8	263.0	52.95	247.9	51.27	233.1	50.39	225.7	48.20	218.3	46.11	203.2	44.36
	13.0	11.8	263.0	51.30	247.9	49.69	233.1	48.81	225.7	46.70	218.3	44.68	203.2	42.97
	15.0	13.7	263.0	49.54	247.9	47.97	233.1	47.13	225.7	45.12	218.3	43.15	203.2	41.50
90	-24.8	-25	142.9	75.79	142.9	76.45	141.8	76.94	141.8	77.15	141.8	77.63	139.2	78.29
	-21.8	-22	173.6	76.45	173.6	77.14	172.5	77.63	172.5	77.84	172.5	78.29	169.1	74.96
	-19.8	-20	183.2	76.93	183.2	77.59	182.1	78.08	182.1	78.29	182.1	76.02	178.7	72.77
	-18.8	-19	188.0	77.14	186.9	77.83	186.2	78.29	186.2	77.12	186.2	74.89	182.5	71.64
	-16.7	-17	195.2	77.63	195.2	78.29	194.4	75.88	194.4	74.67	194.4	72.52	185.7	69.30
	-13.7	-15	208.3	78.29	208.3	74.71	206.5	72.44	206.5	71.20	200.1	69.12	185.7	66.01
	-11.8	-13	215.0	75.84	213.9	72.45	213.1	70.26	206.8	68.97	200.1	66.96	185.7	63.89
	-9.8	-11	222.4	73.28	222.4	70.07	213.2	67.99	206.8	66.64	200.1	64.70	185.7	61.66
	-9.5	-10	223.5	72.88	223.5	69.71	213.2	67.62	206.8	66.27	200.1	64.37	185.7	61.33
	-8.5	-9.1	227.9	71.61	226.1	68.53	213.2	66.49	206.8	65.13	200.1	63.23	185.7	60.24
	-7.0	-7.6	238.3	69.67	226.5	66.75	213.2	64.77	206.8	63.38	200.1	61.52	185.7	58.56
	-5.0	-5.6	240.9	67.08	226.5	64.37	213.2	62.47	206.8	61.04	200.1	59.25	185.7	56.36
	-3.0	-3.7	240.9	64.52	226.5	61.96	213.2	60.17	206.8	58.71	200.1	56.99	185.7	54.13
	0.0	-0.7	240.9	60.65	226.5	58.39	213.2	56.74	206.8	55.20	200.1	53.59	185.7	50.81
	3.0	2.2	240.9	56.81	226.5	54.84	213.2	53.30	206.8	51.73	200.1	50.19	185.7	47.48
	5.0	4.1	240.9	54.22	226.5	52.43	213.2	51.00	206.8	49.39	200.1	47.93	185.7	45.26
	7.0	6	240.9	51.66	226.5	50.06	213.2	48.70	206.8	47.05	200.1	45.66	185.7	43.06
	9.0	7.9	240.9	49.22	226.5	47.71	213.2	46.43	206.8	44.83	200.1	43.51	185.7	41.02
	11.0	9.8	240.9	46.77	226.5	45.34	213.2	44.13	206.8	42.63	200.1	41.35	185.7	39.00
	13.0	11.8	240.9	44.36	226.5	43.00	213.2	41.83	206.8	40.40	200.1	39.20	185.7	36.96
	15.0	13.7	240.9	41.91	226.5	40.63	213.2	39.53	206.8	38.18	200.1	37.04	185.7	34.95
80	-24.8	-25	142.2	66.90	142.2	67.59	141.4	68.08	141.4	68.29	141.4	69.43	138.5	66.51
	-21.8	-22	171.7	67.59	171.7	68.28	171.7	68.74	171.7	69.43	171.7	66.51	166.1	63.70
	-19.8	-20	181.3	68.04	181.3	68.73	181.3	69.43	181.3	67.35	178.3	64.54	166.1	61.80
	-18.8	-19	185.4	68.28	185.4	69.43	185.4	68.38	184.8	66.33	178.3	63.59	166.1	60.88
	-16.7	-17	190.9	69.43	190.9	67.25	190.9	66.19	185.0	64.17	178.3	61.54	166.1	58.91
	-13.7	-15	199.4	66.22	195.7	64.14	190.9	63.05	185.0	61.07	178.3	58.62	166.1	56.10
	-11.8	-13	204.6	64.17	198.6	62.17	190.9	61.07	185.0	59.13	178.3	56.75	166.1	54.31
	-9.8	-11	210.1	62.02	201.3	60.12	190.9	58.99	185.0	57.05	178.3	54.82	166.1	52.44
	-9.5	-10	211.6	61.69	202.4	59.79	190.9	58.66	185.0	56.75	178.3	54.52	166.1	52.15
	-8.5	-9.1	213.5	60.63	203.1	58.77	190.9	57.63	185.0	55.70	178.3	53.54	166.1	51.23
	-7.0	-7.6	215.7	59.02	203.1	57.20	190.9	56.06	185.0	54.16	178.3	52.08	166.1	49.81
	-5.0	-5.6	215.7	56.87	203.1	55.15	190.9	53.98	185.0	52.11	178.3	50.11	166.1	47.94
	-3.0	-3.7	215.7	54.72	203.1	53.07	190.9	51.90	185.0	50.03	178.3	48.17	166.1	46.05
	0.0	-0.7	215.7	51.50	203.1	49.96	190.9	48.76	185.0	46.96	178.3	45.24	166.1	43.24
	3.0	2.2	215.7	48.29	203.1	46.86	190.9	45.62	185.0	43.86	178.3	42.32	166.1	40.45
	5.0	4.1	215.7	46.13	203.1	44.78	190.9	43.53	185.0	41.78	178.3	40.38	166.1	38.56
	7.0	6	215.7	43.98	203.1	42.70	190.9	41.45	185.0	39.73	178.3	38.41	166.1	36.69
	9.0	7.9	215.7	41.30	203.1	40.10	190.9	38.92	185.0	37.31	178.3	36.07	166.1	34.45
	11.0	9.8	215.7	38.34	203.1	37.24	190.9	36.14	185.0	34.61	178.3	33.47	166.1	31.97
	13.0	11.8	215.7	35.78	203.1	34.75	190.9	33.72	185.0	32.33	178.3	31.27	166.1	29.84
	15.0	13.7	215.7	33.69	203.1	32.70	190.9	31.75	185.0	30.43	178.3	29.44	166.1	28.09

7. Capacity Tables

Heating Capacity (74HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	142.2	66.44	142.2	66.68	141.4	67.13	141.4	67.79	141.4	64.61	138.5	61.61
	-21.8	-22	163.5	67.13	163.5	67.34	162.4	67.79	156.9	64.61	152.1	61.61	142.1	58.72
	-19.8	-20	177.8	67.58	172.8	67.79	162.4	65.56	156.9	62.49	152.1	59.64	142.1	56.79
	-18.8	-19	182.8	67.79	172.8	66.65	162.4	64.43	156.9	61.40	152.1	58.62	142.1	55.83
	-16.7	-17	182.8	65.41	172.8	64.21	162.4	62.09	156.9	59.17	152.1	56.53	142.1	53.79
	-13.7	-15	182.8	61.98	172.8	60.74	162.4	58.73	156.9	55.98	152.1	53.54	142.1	50.90
	-11.8	-13	182.8	59.79	172.8	58.54	162.4	56.60	156.9	53.94	152.1	51.64	142.1	49.07
	-9.8	-11	182.8	57.52	172.8	56.21	162.4	54.34	156.9	51.82	152.1	49.66	142.1	47.14
	-9.5	-10	182.8	57.16	172.8	55.88	162.4	54.01	156.9	51.49	152.1	49.36	142.1	46.85
	-8.5	-9.1	182.8	56.02	172.8	54.71	162.4	52.91	156.9	50.43	152.1	48.35	142.1	45.89
	-7.0	-7.6	182.8	54.31	172.8	52.99	162.4	51.23	156.9	48.85	152.1	46.85	142.1	44.43
	-5.0	-5.6	182.8	52.04	172.8	50.65	162.4	48.97	156.9	46.70	152.1	44.87	142.1	42.53
	-3.0	-3.7	182.8	49.74	172.8	48.35	162.4	46.74	156.9	44.58	152.1	42.86	142.1	40.59
	0.0	-0.7	182.8	46.30	172.8	44.88	162.4	43.38	156.9	41.40	152.1	39.87	142.1	37.70
	3.0	2.2	182.8	42.87	172.8	41.40	162.4	40.01	156.9	38.18	152.1	36.90	142.1	34.78
	5.0	4.1	182.8	40.60	172.8	39.07	162.4	37.78	156.9	36.06	152.1	34.89	142.1	32.88
	7.0	6	182.8	38.30	172.8	36.76	162.4	35.52	156.9	33.94	152.1	32.92	142.1	30.94
	9.0	7.9	182.8	34.60	172.8	33.21	162.4	32.08	156.9	30.65	152.1	29.70	142.1	27.94
	11.0	9.8	182.8	32.22	172.8	30.91	162.4	29.88	156.9	28.52	152.1	27.68	142.1	26.00
	13.0	11.8	182.8	30.14	172.8	28.93	162.4	27.94	156.9	26.69	152.1	25.89	142.1	24.35
	15.0	13.7	182.8	28.41	172.8	27.28	162.4	26.36	156.9	25.16	152.1	24.39	142.1	22.96
60	-24.8	-25	140.2	65.78	140.2	66.23	139.1	66.92	134.7	63.46	129.9	60.22	121.7	57.19
	-21.8	-22	150.2	66.47	148.4	66.92	139.1	63.46	134.7	60.22	129.9	57.19	121.7	54.24
	-19.8	-20	156.9	66.92	148.4	64.48	139.1	61.17	134.7	58.07	129.9	55.16	121.7	52.28
	-18.8	-19	156.9	65.69	148.4	63.28	139.1	60.03	134.7	57.01	129.9	54.14	121.7	51.29
	-16.7	-17	156.9	63.10	148.4	60.70	139.1	57.60	134.7	54.72	129.9	52.02	121.7	49.25
	-13.7	-15	156.9	59.42	148.4	57.05	139.1	54.14	134.7	51.51	129.9	48.96	121.7	46.30
	-11.8	-13	156.9	57.09	148.4	54.73	139.1	51.96	134.7	49.44	129.9	47.03	121.7	44.44
	-9.8	-11	156.9	54.62	148.4	52.29	139.1	49.66	134.7	47.29	129.9	45.02	121.7	42.47
	-9.5	-10	156.9	54.26	148.4	51.92	139.1	49.33	134.7	46.96	129.9	44.70	121.7	42.18
	-8.5	-9.1	156.9	53.02	148.4	50.72	139.1	48.17	134.7	45.90	129.9	43.71	121.7	41.20
	-7.0	-7.6	156.9	51.20	148.4	48.90	139.1	46.45	134.7	44.26	129.9	42.18	121.7	39.74
	-5.0	-5.6	156.9	48.72	148.4	46.46	139.1	44.16	134.7	42.11	129.9	40.15	121.7	37.77
	-3.0	-3.7	156.9	46.28	148.4	44.02	139.1	41.86	134.7	39.96	129.9	38.11	121.7	35.80
	0.0	-0.7	156.9	42.57	148.4	40.34	139.1	38.40	134.7	36.72	129.9	35.08	121.7	32.88
	3.0	2.2	156.9	38.89	148.4	36.70	139.1	34.94	134.7	33.48	129.9	32.02	121.7	29.93
	5.0	4.1	156.9	36.45	148.4	34.26	139.1	32.65	134.7	31.33	129.9	30.01	121.7	27.97
	7.0	6	156.9	33.98	148.4	31.82	139.1	30.35	134.7	29.15	129.9	27.98	121.7	26.00
	9.0	7.9	156.9	30.32	148.4	28.41	139.1	27.06	134.7	26.03	129.9	24.97	121.7	23.21
	11.0	9.8	156.9	28.31	148.4	26.51	139.1	25.27	134.7	24.31	129.9	23.32	121.7	21.68
	13.0	11.8	156.9	26.51	148.4	24.83	139.1	23.69	134.7	22.77	129.9	21.83	121.7	20.29
	15.0	13.7	156.9	25.05	148.4	23.47	139.1	22.37	134.7	21.50	129.9	20.65	121.7	19.19
50	-24.8	-25	131.0	56.96	123.6	57.62	116.1	54.62	112.4	51.80	108.4	49.14	101.0	46.65
	-21.8	-22	131.0	57.62	123.6	54.62	116.1	51.80	112.4	49.14	108.4	46.65	101.0	44.24
	-19.8	-20	131.0	55.54	123.6	52.61	116.1	49.91	112.4	47.35	108.4	44.97	101.0	42.63
	-18.8	-19	131.0	54.48	123.6	51.59	116.1	48.99	112.4	46.47	108.4	44.16	101.0	41.86
	-16.7	-17	131.0	52.28	123.6	49.50	116.1	47.01	112.4	44.57	108.4	42.41	101.0	40.18
	-13.7	-15	131.0	49.14	123.6	46.47	116.1	44.17	112.4	41.90	108.4	39.92	101.0	37.77
	-11.8	-13	131.0	47.13	123.6	44.57	116.1	42.41	112.4	40.22	108.4	38.35	101.0	36.26
	-9.8	-11	131.0	45.04	123.6	42.56	116.1	40.51	112.4	38.43	108.4	36.67	101.0	34.66
	-9.5	-10	131.0	44.72	123.6	42.26	116.1	40.22	112.4	38.17	108.4	36.45	101.0	34.40
	-8.5	-9.1	131.0	43.69	123.6	41.24	116.1	39.30	112.4	37.29	108.4	35.61	101.0	33.60
	-7.0	-7.6	131.0	42.09	123.6	39.74	116.1	37.88	112.4	35.94	108.4	34.37	101.0	32.43
	-5.0	-5.6	131.0	40.00	123.6	37.73	116.1	36.01	112.4	34.18	108.4	32.72	101.0	30.82
	-3.0	-3.7	131.0	37.91	123.6	35.72	116.1	34.11	112.4	32.39	108.4	31.04	101.0	29.21
	0.0	-0.7	131.0	34.77	123.6	32.69	116.1	31.30	112.4	29.72	108.4	28.55	101.0	26.83
	3.0	2.2	131.0	31.60	123.6	29.69	116.1	28.48	112.4	27.05	108.4	26.07	101.0	24.42
	5.0	4.1	131.0	29.51	123.6	27.68	116.1	26.61	112.4	25.26	108.4	24.42	101.0	22.81
	7.0	6	131.0	27.42	123.6	25.67	116.1	24.72	112.4	23.47	108.4	22.74	101.0	21.24
	9.0	7.9	131.0	24.75	123.6	23.18	116.1	22.33	112.4	21.20	108.4	20.54	101.0	19.18
	11.0	9.8	131.0	23.18	123.6	21.68	116.1	20.87	112.4	19.85	108.4	19.22	101.0	17.94
	13.0	11.8	131.0	21.75	123.6	20.36	116.1	19.62	112.4	18.64	108.4	18.05	101.0	16.84
	15.0	13.7	131.0	20.58	123.6	19.26	116.1	18.56	112.4	17.62	108.4	17.10	101.0	15.93

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM760LTE5

Heating Capacity (76HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	147.2	78.46	147.2	78.95	146.1	79.37	146.1	80.01	146.1	80.62	144.0	81.57
	-21.8	-22	179.2	79.44	179.2	79.92	178.1	80.34	178.1	80.98	178.1	81.57	175.4	82.54
	-19.8	-20	189.4	80.07	189.4	80.56	188.0	80.98	188.0	81.61	188.0	82.20	185.3	83.17
	-18.8	-19	193.4	80.38	193.4	80.86	192.3	81.28	192.3	81.92	192.3	82.54	189.3	83.48
	-16.7	-17	202.3	81.06	202.3	81.55	201.2	81.97	201.2	82.60	201.2	83.19	198.2	84.16
	-13.7	-15	215.1	82.03	215.1	82.49	213.9	82.91	213.9	83.54	213.9	84.16	210.6	81.15
	-11.8	-13	222.3	82.62	222.3	83.11	220.8	83.53	220.8	84.16	220.8	82.14	218.1	79.24
	-9.8	-11	229.6	83.26	229.6	83.74	228.4	84.16	228.4	82.03	228.4	80.03	226.0	77.24
	-9.5	-10	231.3	83.37	231.3	83.83	229.8	83.83	229.8	81.72	229.5	79.70	227.1	76.94
	-8.5	-9.1	236.8	83.68	236.8	84.16	235.3	82.75	235.3	80.64	233.0	78.64	231.2	75.92
	-7.0	-7.6	245.1	84.16	245.1	82.60	243.5	81.14	243.5	79.03	243.5	77.06	238.4	74.42
	-5.0	-5.6	255.8	82.17	255.8	80.51	254.2	79.00	254.2	76.93	254.2	74.96	246.6	72.42
	-3.0	-3.7	266.8	80.20	266.8	78.43	265.2	76.84	265.2	74.79	265.2	72.82	254.8	70.39
	0.0	-0.7	283.0	77.23	283.0	75.33	281.3	73.59	280.2	71.60	278.0	69.66	267.3	67.38
	3.0	2.2	294.0	74.26	294.0	72.20	292.3	70.37	290.7	68.39	288.5	66.47	270.2	64.37
	5.0	4.1	301.2	72.30	301.2	70.12	299.5	68.20	297.9	66.28	290.3	64.33	270.2	62.37
	7.0	6	308.1	70.30	308.1	68.03	306.4	66.07	300.9	64.14	290.3	62.23	270.2	60.38
	9.0	7.9	309.3	68.67	309.3	66.48	308.5	64.55	300.9	62.67	290.3	60.79	270.2	58.98
	11.0	9.8	309.3	67.70	309.3	65.50	308.5	63.61	300.9	61.73	290.3	59.92	270.2	58.11
	13.0	11.8	309.3	66.58	309.3	64.45	308.5	62.57	300.9	60.76	290.3	58.94	270.2	57.17
	15.0	13.7	309.3	65.42	309.3	63.30	308.5	61.45	300.9	59.67	290.3	57.89	270.2	56.16
120	-24.8	-25	146.1	78.95	146.1	79.37	145.0	80.01	145.0	80.62	145.0	81.57	142.9	82.25
	-21.8	-22	178.1	79.92	178.1	80.34	177.0	80.98	177.0	81.57	177.0	82.54	174.3	83.19
	-19.8	-20	188.0	80.56	188.0	80.98	186.8	81.61	186.8	82.20	186.8	83.17	183.8	83.83
	-18.8	-19	192.2	80.86	192.2	81.28	191.1	81.92	191.1	82.54	191.1	83.48	188.1	84.16
	-16.7	-17	201.1	81.55	201.1	81.97	199.7	82.60	199.7	83.19	199.7	84.16	196.7	82.21
	-13.7	-15	213.6	82.49	213.6	82.91	212.4	83.54	212.4	84.16	212.4	81.27	209.1	79.46
	-11.8	-13	220.8	83.11	220.8	83.53	219.3	84.16	219.3	82.13	219.3	79.46	216.6	77.69
	-9.8	-11	228.0	83.74	228.0	84.16	226.5	81.95	226.5	79.99	226.5	77.55	224.4	75.85
	-9.5	-10	229.8	83.83	229.8	83.82	228.3	81.61	228.3	79.66	228.3	77.25	225.9	75.58
	-8.5	-9.1	235.0	84.16	235.0	82.63	233.8	80.49	233.8	78.60	233.3	76.31	230.6	74.64
	-7.0	-7.6	243.2	82.44	243.2	80.87	241.7	78.83	241.7	76.99	239.8	74.87	236.5	73.25
	-5.0	-5.6	254.2	80.13	254.2	78.54	252.3	76.59	252.3	74.85	252.3	72.96	245.0	71.41
	-3.0	-3.7	264.8	77.81	264.8	76.22	263.3	74.37	263.3	72.71	262.4	71.04	253.2	69.56
	0.0	-0.7	281.0	74.37	280.5	72.70	276.8	71.03	274.8	69.51	272.9	68.15	253.8	66.81
	3.0	2.2	292.0	70.90	291.3	69.18	287.3	67.69	282.0	66.31	273.2	65.29	253.8	64.03
	5.0	4.1	298.9	68.61	298.2	66.85	291.8	65.47	282.0	64.17	273.2	63.37	253.8	62.19
	7.0	6	306.1	66.30	303.6	64.50	291.8	63.23	282.0	62.03	273.2	61.45	253.8	60.34
	9.0	7.9	307.0	64.62	303.6	62.86	291.8	61.62	282.0	60.44	273.2	59.86	253.8	58.81
	11.0	9.8	307.0	63.49	303.6	61.76	291.8	60.53	282.0	59.38	273.2	58.83	253.8	57.79
	13.0	11.8	307.0	62.25	303.6	60.59	291.8	59.39	282.0	58.24	273.2	57.70	253.8	56.66
	15.0	13.7	307.0	60.96	303.6	59.31	291.8	58.15	282.0	57.03	273.2	56.49	253.8	55.49
110	-24.8	-25	145.3	79.37	145.3	80.01	144.3	80.62	144.3	81.57	144.3	82.25	142.2	82.56
	-21.8	-22	177.0	80.34	177.0	80.98	175.9	81.57	175.9	82.54	175.9	83.19	173.2	83.53
	-19.8	-20	186.9	80.98	186.9	81.61	185.7	82.20	185.7	83.17	185.7	83.83	182.7	84.16
	-18.8	-19	191.1	81.28	191.1	81.92	190.0	82.54	190.0	83.48	190.0	84.16	187.0	83.11
	-16.7	-17	200.0	81.97	200.0	82.60	198.6	83.19	198.6	84.16	198.6	82.05	195.6	80.95
	-13.7	-15	212.5	82.91	212.5	83.54	211.0	84.16	211.0	80.96	211.0	79.04	211.0	77.83
	-11.8	-13	219.3	83.53	219.3	84.16	218.2	81.91	218.2	78.96	218.2	77.11	218.2	75.86
	-9.8	-11	226.9	84.16	226.9	81.64	225.4	79.54	225.4	76.82	225.4	75.11	224.2	73.79
	-9.5	-10	228.3	83.75	228.3	81.23	227.2	79.19	227.2	76.51	227.2	74.81	226.3	73.48
	-8.5	-9.1	233.8	82.40	233.8	79.99	232.3	78.02	232.3	75.43	232.0	73.80	227.8	72.46
	-7.0	-7.6	242.0	80.33	242.0	78.07	240.5	76.22	240.5	73.84	239.0	72.29	228.4	70.91
	-5.0	-5.6	252.7	77.62	252.7	75.55	251.1	73.88	250.1	71.73	243.8	70.29	228.4	68.84
	-3.0	-3.7	263.3	74.91	263.3	73.02	258.8	71.51	253.1	69.58	244.7	68.26	228.4	66.76
	0.0	-0.7	277.5	70.81	274.1	69.22	261.8	67.97	253.1	66.38	244.7	65.24	228.4	63.63
	3.0	2.2	288.0	66.72	278.9	65.42	261.8	64.40	253.1	63.21	244.7	62.22	228.4	60.54
	5.0	4.1	295.2	64.01	278.9	62.90	261.8	62.06	253.1	61.07	244.7	60.22	228.4	58.46
	7.0	6	295.2	61.27	278.9	60.34	261.8	59.69	253.1	58.96	244.7	58.19	228.4	56.39
	9.0	7.9	295.2	59.43	278.9	58.55	261.8	57.89	253.1	57.20	244.7	56.44	228.4	54.70
	11.0	9.8	295.2	58.10	278.9	57.25	261.8	56.60	253.1	55.91	244.7	55.18	228.4	53.48
	13.0	11.8	295.2	56.69	278.9	55.85	261.8	55.23	253.1	54.54	244.7	53.84	228.4	52.18
	15.0	13.7	295.2	55.17	278.9	54.33	261.8	53.74	253.1	53.09	244.7	52.40	228.4	50.78

7. Capacity Tables

Heating Capacity (76HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	144.6	86.94	144.6	86.58	143.8	80.66	143.8	85.65	143.8	85.28	141.4	85.09
	-21.8	-22	176.2	86.39	176.2	86.01	175.1	83.20	175.1	85.11	175.1	85.77	172.4	84.55
	-19.8	-20	186.1	86.01	186.1	85.63	185.0	84.78	185.0	84.73	185.0	84.70	182.0	84.16
	-18.8	-19	190.4	85.82	189.2	85.47	189.2	85.11	189.2	84.54	189.2	84.16	186.2	82.88
	-16.7	-17	197.8	85.45	197.8	85.07	197.8	85.77	196.7	84.16	196.7	81.52	193.7	80.18
	-13.7	-15	211.4	84.87	211.4	84.52	210.2	84.16	210.2	80.35	210.2	77.73	206.9	76.32
	-11.8	-13	218.2	84.55	217.1	84.16	217.1	81.63	217.1	77.93	217.1	75.35	208.4	73.86
	-9.8	-11	225.7	84.16	225.7	81.33	224.6	78.95	224.6	75.39	222.2	72.82	208.6	71.29
	-9.5	-10	227.2	83.71	227.2	80.89	226.1	78.54	226.1	75.01	222.8	72.47	208.6	70.91
	-8.5	-9.1	232.6	82.24	232.6	79.48	231.5	77.22	231.8	73.73	224.2	71.19	208.6	69.62
	-7.0	-7.6	244.7	80.02	243.6	77.34	239.4	75.18	231.8	71.81	224.2	69.29	208.6	67.69
	-5.0	-5.6	255.4	77.05	252.7	74.51	239.4	72.50	231.8	69.27	224.2	66.79	208.6	65.15
	-3.0	-3.7	262.6	74.11	254.6	71.68	239.4	69.86	231.8	66.74	224.2	64.26	208.6	62.57
	0.0	-0.7	270.2	69.66	254.6	67.41	239.4	65.82	231.8	62.92	224.2	60.48	208.6	58.71
	3.0	2.2	270.2	65.22	254.6	63.15	239.4	61.82	231.8	59.10	224.2	56.72	208.6	54.85
	5.0	4.1	270.2	62.28	254.6	60.29	239.4	59.14	231.8	56.57	224.2	54.19	208.6	52.27
	7.0	6	270.2	59.31	254.6	57.46	239.4	56.46	231.8	54.00	224.2	51.69	208.6	49.70
	9.0	7.9	270.2	57.21	254.6	55.44	239.4	54.48	231.8	52.10	224.2	49.87	208.6	47.95
	11.0	9.8	270.2	55.61	254.6	53.85	239.4	52.93	231.8	50.63	224.2	48.44	208.6	46.59
	13.0	11.8	270.2	53.90	254.6	52.21	239.4	51.29	231.8	49.07	224.2	46.95	208.6	45.15
	15.0	13.7	270.2	52.08	254.6	50.43	239.4	49.55	231.8	47.43	224.2	45.36	208.6	43.63
90	-24.8	-25	144.2	77.78	144.2	78.72	143.1	79.41	143.1	79.71	143.1	80.38	141.0	81.32
	-21.8	-22	175.5	78.72	175.5	79.69	174.4	80.38	174.4	80.68	174.4	81.32	171.7	77.91
	-19.8	-20	185.4	79.39	185.4	80.33	184.2	81.01	184.2	81.32	184.2	79.00	181.5	75.66
	-18.8	-19	190.4	79.69	189.2	80.66	188.5	81.32	188.5	80.12	188.5	77.84	185.5	74.50
	-16.7	-17	197.8	80.38	197.8	81.32	197.0	78.86	197.0	77.62	197.0	75.41	189.8	72.10
	-13.7	-15	211.4	81.32	211.4	77.67	209.5	75.35	209.5	74.07	204.4	71.93	190.8	68.72
	-11.8	-13	218.2	78.83	217.1	75.36	216.3	73.12	211.2	71.79	205.5	69.73	190.8	66.55
	-9.8	-11	225.7	76.22	225.7	72.94	217.8	70.80	212.4	69.40	205.5	67.41	190.8	64.27
	-9.5	-10	227.2	75.82	227.2	72.57	218.4	70.43	212.4	69.03	205.5	67.07	190.8	63.93
	-8.5	-9.1	232.6	74.52	230.8	71.37	218.9	69.27	212.4	67.87	205.5	65.91	190.8	62.81
	-7.0	-7.6	244.7	72.55	232.6	69.55	218.9	67.52	212.4	66.08	205.5	64.16	190.8	61.09
	-5.0	-5.6	247.4	69.91	232.6	67.13	218.9	65.17	212.4	63.69	205.5	61.84	190.8	58.83
	-3.0	-3.7	247.4	67.31	232.6	64.68	218.9	62.83	212.4	61.30	205.5	59.52	190.8	56.55
	0.0	-0.7	247.4	63.37	232.6	61.03	218.9	59.32	212.4	57.72	205.5	56.04	190.8	53.14
	3.0	2.2	247.4	59.47	232.6	57.41	218.9	55.82	212.4	54.17	205.5	52.56	190.8	49.73
	5.0	4.1	247.4	56.83	232.6	54.96	218.9	53.47	212.4	51.78	205.5	50.24	190.8	47.45
	7.0	6	247.4	54.23	232.6	52.54	218.9	51.12	212.4	49.39	205.5	47.93	190.8	45.20
	9.0	7.9	247.4	51.73	232.6	50.15	218.9	48.80	212.4	47.12	205.5	45.73	190.8	43.11
	11.0	9.8	247.4	49.24	232.6	47.73	218.9	46.46	212.4	44.88	205.5	43.53	190.8	41.06
	13.0	11.8	247.4	46.77	232.6	45.34	218.9	44.11	212.4	42.60	205.5	41.33	190.8	38.97
	15.0	13.7	247.4	44.28	232.6	42.92	218.9	41.76	212.4	40.33	205.5	39.13	190.8	36.92
80	-24.8	-25	143.5	68.55	143.5	69.52	142.7	70.21	142.7	70.51	142.7	72.12	140.3	69.12
	-21.8	-22	173.6	69.52	173.6	70.49	173.6	71.15	173.6	72.12	173.6	69.12	168.8	66.23
	-19.8	-20	183.5	70.16	183.5	71.13	183.5	72.12	183.5	69.99	180.8	67.10	170.6	64.29
	-18.8	-19	187.7	70.49	187.7	72.12	187.7	71.04	187.1	68.94	181.7	66.12	170.6	63.34
	-16.7	-17	194.0	72.12	194.0	69.88	194.0	68.80	189.2	66.73	183.2	64.03	170.6	61.32
	-13.7	-15	204.8	68.84	201.0	66.71	196.1	65.59	190.0	63.55	183.2	61.03	170.6	58.43
	-11.8	-13	210.1	66.76	204.0	64.70	196.1	63.57	190.0	61.57	183.2	59.12	170.6	56.60
	-9.8	-11	215.4	64.56	206.5	62.61	196.1	61.44	190.0	59.44	183.2	57.13	170.6	54.68
	-9.5	-10	216.9	64.23	207.7	62.27	196.1	61.10	190.0	59.13	183.2	56.83	170.6	54.38
	-8.5	-9.1	219.0	63.14	208.6	61.23	196.1	60.05	190.0	58.06	183.2	55.82	170.6	53.44
	-7.0	-7.6	221.5	61.50	208.6	59.63	196.1	58.45	190.0	56.48	183.2	54.33	170.6	51.98
	-5.0	-5.6	221.5	59.31	208.6	57.53	196.1	56.32	190.0	54.38	183.2	52.31	170.6	50.06
	-3.0	-3.7	221.5	57.11	208.6	55.41	196.1	54.19	190.0	52.25	183.2	50.32	170.6	48.12
	0.0	-0.7	221.5	53.83	208.6	52.24	196.1	50.98	190.0	49.11	183.2	47.32	170.6	45.23
	3.0	2.2	221.5	50.55	208.6	49.07	196.1	47.77	190.0	45.93	183.2	44.33	170.6	42.37
	5.0	4.1	221.5	48.36	208.6	46.94	196.1	45.64	190.0	43.80	183.2	42.34	170.6	40.43
	7.0	6	221.5	46.16	208.6	44.82	196.1	43.51	190.0	41.70	183.2	40.32	170.6	38.51
	9.0	7.9	221.5	43.35	208.6	42.09	196.1	40.86	190.0	39.16	183.2	37.86	170.6	36.16
	11.0	9.8	221.5	40.24	208.6	39.08	196.1	37.93	190.0	36.32	183.2	35.13	170.6	33.55
	13.0	11.8	221.5	37.55	208.6	36.47	196.1	35.40	190.0	33.93	183.2	32.82	170.6	31.32
	15.0	13.7	221.5	35.36	208.6	34.32	196.1	33.32	190.0	31.94	183.2	30.90	170.6	29.48

7. Capacity Tables

Heating Capacity (76HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	143.5	68.31	143.5	68.64	142.7	69.28	142.7	70.22	142.7	66.96	140.3	63.90
	-21.8	-22	166.7	69.28	167.0	69.58	165.8	70.22	161.1	66.96	156.2	63.90	145.9	60.94
	-19.8	-20	180.2	69.91	176.3	70.22	166.8	67.94	161.1	64.80	156.2	61.88	145.9	58.96
	-18.8	-19	185.3	70.22	177.2	69.06	166.8	66.79	161.1	63.68	156.2	60.84	145.9	57.98
	-16.7	-17	187.4	67.80	177.4	66.57	166.8	64.40	161.1	61.40	156.2	58.70	145.9	55.89
	-13.7	-15	187.7	64.30	177.4	63.03	166.8	60.97	161.1	58.15	156.2	55.64	145.9	52.93
	-11.8	-13	187.7	62.07	177.4	60.79	166.8	58.80	161.1	56.06	156.2	53.70	145.9	51.05
	-9.8	-11	187.7	59.76	177.4	58.41	166.8	56.49	161.1	53.89	156.2	51.67	145.9	49.07
	-9.5	-10	187.7	59.40	177.4	58.07	166.8	56.16	161.1	53.56	156.2	51.37	145.9	48.77
	-8.5	-9.1	187.7	58.24	177.4	56.88	166.8	55.03	161.1	52.48	156.2	50.33	145.9	47.79
	-7.0	-7.6	187.7	56.49	177.4	55.13	166.8	53.32	161.1	50.86	156.2	48.80	145.9	46.30
	-5.0	-5.6	187.7	54.18	177.4	52.75	166.8	51.01	161.1	48.67	156.2	46.78	145.9	44.35
	-3.0	-3.7	187.7	51.84	177.4	50.40	166.8	48.73	161.1	46.50	156.2	44.72	145.9	42.36
	0.0	-0.7	187.7	48.35	177.4	46.86	166.8	45.30	161.1	43.24	156.2	41.66	145.9	39.40
	3.0	2.2	187.7	44.85	177.4	43.32	166.8	41.87	161.1	39.96	156.2	38.62	145.9	36.41
	5.0	4.1	187.7	42.54	177.4	40.94	166.8	39.59	161.1	37.79	156.2	36.57	145.9	34.46
	7.0	6	187.7	40.20	177.4	38.59	166.8	37.29	161.1	35.62	156.2	34.55	145.9	32.48
	9.0	7.9	187.7	36.32	177.4	34.86	166.8	33.67	161.1	32.17	156.2	31.17	145.9	29.32
	11.0	9.8	187.7	33.82	177.4	32.44	166.8	31.36	161.1	29.94	156.2	29.05	145.9	27.29
	13.0	11.8	187.7	31.63	177.4	30.36	166.8	29.33	161.1	28.02	156.2	27.17	145.9	25.56
	15.0	13.7	187.7	29.82	177.4	28.63	166.8	27.67	161.1	26.41	156.2	25.60	145.9	24.09
60	-24.8	-25	141.7	67.46	141.7	68.10	140.6	69.07	137.0	65.55	133.1	62.25	125.0	59.16
	-21.8	-22	153.3	68.43	152.4	69.07	142.9	65.55	138.3	62.25	133.4	59.16	125.0	56.15
	-19.8	-20	161.1	69.07	152.4	66.59	142.9	63.21	138.3	60.06	133.4	57.08	125.0	54.14
	-18.8	-19	161.1	67.81	152.4	65.36	142.9	62.06	138.3	58.98	133.4	56.04	125.0	53.13
	-16.7	-17	161.1	65.19	152.4	62.74	142.9	59.58	138.3	56.64	133.4	53.88	125.0	51.04
	-13.7	-15	161.1	61.46	152.4	59.04	142.9	56.06	138.3	53.37	133.4	50.77	125.0	48.03
	-11.8	-13	161.1	59.10	152.4	56.67	142.9	53.84	138.3	51.26	133.4	48.80	125.0	46.13
	-9.8	-11	161.1	56.59	152.4	54.20	142.9	51.50	138.3	49.07	133.4	46.75	125.0	44.12
	-9.5	-10	161.1	56.22	152.4	53.83	142.9	51.17	138.3	48.74	133.4	46.42	125.0	43.82
	-8.5	-9.1	161.1	54.97	152.4	52.60	142.9	49.98	138.3	47.66	133.4	45.41	125.0	42.82
	-7.0	-7.6	161.1	53.12	152.4	50.75	142.9	48.24	138.3	45.99	133.4	43.85	125.0	41.33
	-5.0	-5.6	161.1	50.62	152.4	48.27	142.9	45.90	138.3	43.80	133.4	41.77	125.0	39.32
	-3.0	-3.7	161.1	48.14	152.4	45.79	142.9	43.57	138.3	41.61	133.4	39.70	125.0	37.31
	0.0	-0.7	161.1	44.38	152.4	42.06	142.9	40.05	138.3	38.31	133.4	36.61	125.0	34.32
	3.0	2.2	161.1	40.65	152.4	38.36	142.9	36.53	138.3	35.01	133.4	33.49	125.0	31.31
	5.0	4.1	161.1	38.17	152.4	35.88	142.9	34.20	138.3	32.82	133.4	31.44	125.0	29.30
	7.0	6	161.1	35.67	152.4	33.40	142.9	31.86	138.3	30.60	133.4	29.36	125.0	27.29
	9.0	7.9	161.1	31.82	152.4	29.82	142.9	28.41	138.3	27.32	133.4	26.21	125.0	24.37
	11.0	9.8	161.1	29.71	152.4	27.83	142.9	26.52	138.3	25.52	133.4	24.48	125.0	22.75
	13.0	11.8	161.1	27.83	152.4	26.06	142.9	24.87	138.3	23.90	133.4	22.91	125.0	21.30
	15.0	13.7	161.1	26.29	152.4	24.64	142.9	23.49	138.3	22.56	133.4	21.67	125.0	20.14
50	-24.8	-25	134.5	58.91	126.9	59.85	119.3	56.76	115.5	53.86	111.4	51.10	103.8	48.54
	-21.8	-22	134.5	59.85	126.9	56.76	119.3	53.86	115.5	51.10	111.4	48.54	103.8	46.05
	-19.8	-20	134.5	57.70	126.9	54.69	119.3	51.90	115.5	49.26	111.4	46.81	103.8	44.39
	-18.8	-19	134.5	56.62	126.9	53.64	119.3	50.96	115.5	48.35	111.4	45.97	103.8	43.59
	-16.7	-17	134.5	54.36	126.9	51.49	119.3	48.92	115.5	46.40	111.4	44.17	103.8	41.85
	-13.7	-15	134.5	51.12	126.9	48.37	119.3	45.99	115.5	43.64	111.4	41.60	103.8	39.36
	-11.8	-13	134.5	49.06	126.9	46.41	119.3	44.17	115.5	41.91	111.4	39.98	103.8	37.81
	-9.8	-11	134.5	46.91	126.9	44.34	119.3	42.22	115.5	40.06	111.4	38.25	103.8	36.15
	-9.5	-10	134.5	46.58	126.9	44.03	119.3	41.92	115.5	39.80	111.4	38.01	103.8	35.89
	-8.5	-9.1	134.5	45.52	126.9	42.98	119.3	40.97	115.5	38.89	111.4	37.15	103.8	35.06
	-7.0	-7.6	134.5	43.87	126.9	41.44	119.3	39.51	115.5	37.50	111.4	35.87	103.8	33.85
	-5.0	-5.6	134.5	41.72	126.9	39.37	119.3	37.58	115.5	35.68	111.4	34.16	103.8	32.19
	-3.0	-3.7	134.5	39.58	126.9	37.30	119.3	35.63	115.5	33.84	111.4	32.43	103.8	30.53
	0.0	-0.7	134.5	36.34	126.9	34.17	119.3	32.73	115.5	31.08	111.4	29.87	103.8	28.07
	3.0	2.2	134.5	33.08	126.9	31.08	119.3	29.82	115.5	28.33	111.4	27.30	103.8	25.58
	5.0	4.1	134.5	30.93	126.9	29.01	119.3	27.90	115.5	26.48	111.4	25.60	103.8	23.92
	7.0	6	134.5	28.78	126.9	26.94	119.3	25.94	115.5	24.64	111.4	23.87	103.8	22.29
	9.0	7.9	134.5	25.98	126.9	24.33	119.3	23.44	115.5	22.25	111.4	21.56	103.8	20.14
	11.0	9.8	134.5	24.32	126.9	22.76	119.3	21.91	115.5	20.83	111.4	20.18	103.8	18.83
	13.0	11.8	134.5	22.83	126.9	21.37	119.3	20.60	115.5	19.56	111.4	18.95	103.8	17.68
	15.0	13.7	134.5	21.60	126.9	20.22	119.3	19.48	115.5	18.49	111.4	17.94	103.8	16.72

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM780LTE5

Heating Capacity (78HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	155.8	81.28	155.8	81.60	154.6	81.88	154.6	82.30	154.6	82.72	151.8	83.34
	-21.8	-22	188.2	81.93	188.2	82.25	187.0	82.53	187.0	82.95	187.0	83.34	183.5	83.99
	-19.8	-20	198.2	82.35	198.2	82.67	196.7	82.95	196.7	83.38	196.7	83.76	193.1	84.41
	-18.8	-19	202.1	82.54	202.1	82.87	200.9	83.15	200.9	83.57	200.9	83.99	197.0	84.61
	-16.7	-17	210.9	83.01	210.9	83.33	209.6	83.61	209.6	84.03	209.6	84.42	205.7	85.07
	-13.7	-15	223.5	83.65	223.5	83.95	222.2	84.23	222.2	84.65	222.2	85.07	218.0	81.88
	-11.8	-13	230.8	84.04	230.8	84.36	229.3	84.64	229.3	85.07	229.3	82.91	225.6	79.85
	-9.8	-11	238.3	84.46	238.3	84.79	237.1	85.07	237.1	82.78	237.1	80.67	233.7	77.74
	-9.5	-10	239.8	84.55	239.8	84.84	238.3	84.71	238.3	82.45	238.2	80.32	234.9	77.42
	-8.5	-9.1	244.5	84.74	244.5	85.07	243.0	83.54	243.0	81.30	241.8	79.20	239.0	76.35
	-7.0	-7.6	251.5	85.07	251.5	83.36	250.0	81.80	250.0	79.57	250.0	77.51	245.2	74.75
	-5.0	-5.6	260.6	82.86	260.6	81.09	259.0	79.50	259.0	77.32	259.0	75.27	253.2	72.64
	-3.0	-3.7	269.9	80.68	269.9	78.82	268.3	77.16	268.3	75.03	268.3	73.00	261.3	70.50
	0.0	-0.7	283.6	77.40	283.6	75.44	282.0	73.66	282.0	71.62	282.0	69.64	273.5	67.31
	3.0	2.2	297.7	74.12	297.7	72.03	295.7	70.18	295.7	68.17	295.7	66.24	277.3	64.12
	5.0	4.1	307.0	71.94	307.0	69.76	305.1	67.85	305.1	65.92	298.0	63.97	277.3	62.01
	7.0	6	316.1	69.74	316.1	67.49	314.1	65.54	308.8	63.63	298.0	61.73	277.3	59.90
	9.0	7.9	317.5	67.93	317.5	65.75	316.7	63.85	308.8	61.98	298.0	60.12	277.3	58.33
	11.0	9.8	317.5	66.75	317.5	64.58	316.7	62.72	308.8	60.87	298.0	59.08	277.3	57.30
	13.0	11.8	317.5	65.42	317.5	63.33	316.7	61.48	308.8	59.70	298.0	57.92	277.3	56.18
	15.0	13.7	317.5	64.04	317.5	61.97	316.7	60.16	308.8	58.42	298.0	56.68	277.3	54.98
120	-24.8	-25	154.6	81.60	154.6	81.88	153.5	82.30	153.5	82.72	153.5	83.34	150.7	83.80
	-21.8	-22	187.0	82.25	187.0	82.53	185.8	82.95	185.8	83.34	185.8	83.99	182.3	84.42
	-19.8	-20	196.6	82.67	196.6	82.95	195.4	83.38	195.4	83.76	195.4	84.41	191.6	84.84
	-18.8	-19	200.8	82.87	200.8	83.15	199.6	83.57	199.6	83.99	199.6	84.61	195.8	85.07
	-16.7	-17	209.6	83.33	209.6	83.61	208.1	84.03	208.1	84.42	208.1	85.07	204.2	83.00
	-13.7	-15	221.9	83.95	221.9	84.23	220.7	84.65	220.7	85.07	220.7	82.00	216.4	80.09
	-11.8	-13	229.3	84.36	229.3	84.64	227.7	85.07	227.7	82.91	227.7	80.08	224.1	78.22
	-9.8	-11	236.7	84.79	236.7	85.07	235.2	82.70	235.2	80.63	235.2	78.04	232.1	76.27
	-9.5	-10	238.2	84.84	238.2	84.70	236.7	82.34	236.7	80.28	236.7	77.73	233.3	75.99
	-8.5	-9.1	242.6	85.07	242.6	83.42	241.4	81.14	241.4	79.15	241.2	76.73	237.5	75.00
	-7.0	-7.6	249.6	83.21	249.6	81.54	248.0	79.38	248.0	77.44	247.6	75.21	243.3	73.52
	-5.0	-5.6	258.9	80.71	258.9	79.04	257.1	76.98	257.1	75.16	257.1	73.17	251.6	71.57
	-3.0	-3.7	268.0	78.21	268.0	76.55	266.4	74.61	266.4	72.89	266.4	71.14	259.7	69.62
	0.0	-0.7	281.7	74.49	281.7	72.77	280.1	71.05	280.1	69.49	280.1	68.07	260.5	66.71
	3.0	2.2	295.7	70.74	295.7	69.00	293.7	67.49	289.4	66.09	280.4	65.03	260.5	63.76
	5.0	4.1	304.7	68.27	304.7	66.51	299.5	65.12	289.4	63.81	280.4	63.00	260.5	61.81
	7.0	6	314.0	65.77	311.6	63.98	299.5	62.72	289.4	61.54	280.4	60.96	260.5	59.86
	9.0	7.9	315.1	63.93	311.6	62.18	299.5	60.96	289.4	59.79	280.4	59.22	260.5	58.18
	11.0	9.8	315.1	62.62	311.6	60.92	299.5	59.71	289.4	58.57	280.4	58.03	260.5	57.00
	13.0	11.8	315.1	61.20	311.6	59.57	299.5	58.39	289.4	57.26	280.4	56.73	260.5	55.71
	15.0	13.7	315.1	59.73	311.6	58.10	299.5	56.97	289.4	55.87	280.4	55.34	260.5	54.36
110	-24.8	-25	153.8	81.88	153.8	82.30	152.7	82.72	152.7	83.34	152.7	83.80	149.9	83.99
	-21.8	-22	185.9	82.53	185.9	82.95	184.7	83.34	184.7	83.99	184.7	84.42	181.2	84.64
	-19.8	-20	195.5	82.95	195.5	83.38	194.3	83.76	194.3	84.41	194.3	84.84	190.4	85.07
	-18.8	-19	199.7	83.15	199.7	83.57	198.5	83.99	198.5	84.61	198.5	85.07	194.6	83.96
	-16.7	-17	208.4	83.61	208.4	84.03	206.9	84.42	206.9	85.07	206.9	82.84	203.0	81.70
	-13.7	-15	220.7	84.23	220.7	84.65	219.2	85.07	219.2	81.69	219.2	79.67	219.2	78.42
	-11.8	-13	227.8	84.64	227.8	85.07	226.5	82.68	226.5	79.58	226.5	77.65	226.5	76.36
	-9.8	-11	235.5	85.07	235.5	82.40	234.0	80.18	234.0	77.32	234.0	75.54	232.1	74.19
	-9.5	-10	236.7	84.63	236.7	81.97	235.5	79.82	235.5	77.00	235.5	75.22	234.4	73.87
	-8.5	-9.1	241.4	83.19	241.4	80.65	239.9	78.58	239.9	75.85	239.9	74.15	234.4	72.79
	-7.0	-7.6	248.4	81.00	248.4	78.62	246.8	76.68	246.8	74.18	246.8	72.57	234.4	71.17
	-5.0	-5.6	257.4	78.13	257.4	75.95	255.8	74.21	255.8	71.95	251.1	70.46	234.4	68.99
	-3.0	-3.7	266.4	75.25	266.4	73.28	264.9	71.70	259.8	69.69	251.1	68.32	234.4	66.82
	0.0	-0.7	280.1	70.91	280.1	69.26	268.7	67.96	259.8	66.32	251.1	65.15	234.4	63.54
	3.0	2.2	293.8	66.56	286.3	65.24	268.7	64.19	259.8	62.98	251.1	61.97	234.4	60.29
	5.0	4.1	303.0	63.69	286.3	62.56	268.7	61.71	259.8	60.72	251.1	59.86	234.4	58.11
	7.0	6	303.0	60.78	286.3	59.86	268.7	59.21	259.8	58.49	251.1	57.73	234.4	55.94
	9.0	7.9	303.0	58.80	286.3	57.92	268.7	57.28	259.8	56.59	251.1	55.84	234.4	54.12
	11.0	9.8	303.0	57.32	286.3	56.48	268.7	55.83	259.8	55.15	251.1	54.43	234.4	52.76
	13.0	11.8	303.0	55.75	286.3	54.92	268.7	54.31	259.8	53.63	251.1	52.95	234.4	51.32
	15.0	13.7	303.0	54.07	286.3	53.24	268.7	52.67	259.8	52.02	251.1	51.35	234.4	49.76

7. Capacity Tables

Heating Capacity (78HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	153.0	88.58	153.0	88.13	152.2	81.88	152.2	86.95	152.2	86.48	149.1	86.24
	-21.8	-22	185.1	87.89	185.1	87.41	183.9	84.46	183.9	86.26	183.9	86.69	180.4	85.55
	-19.8	-20	194.7	87.41	194.7	86.93	193.5	86.04	193.5	85.78	193.5	85.61	189.7	85.07
	-18.8	-19	198.9	87.17	197.7	86.72	197.7	86.26	197.7	85.54	197.7	85.07	193.8	83.73
	-16.7	-17	206.1	86.69	206.1	86.21	206.1	86.69	205.0	85.07	205.0	82.31	201.1	80.94
	-13.7	-15	219.6	85.97	219.6	85.52	218.4	85.07	218.4	81.08	218.4	78.38	214.1	76.93
	-11.8	-13	226.6	85.55	225.4	85.07	225.4	82.41	225.4	78.55	225.4	75.89	214.1	74.38
	-9.8	-11	234.3	85.07	234.3	82.09	233.2	79.60	233.2	75.91	230.1	73.26	214.1	71.71
	-9.5	-10	235.5	84.59	235.5	81.62	234.4	79.17	234.4	75.51	230.1	72.90	214.1	71.31
	-8.5	-9.1	240.2	83.04	240.2	80.15	239.0	77.78	237.9	74.17	230.1	71.56	214.1	69.98
	-7.0	-7.6	251.1	80.69	250.0	77.89	245.7	75.65	237.9	72.17	230.1	69.60	214.1	67.97
	-5.0	-5.6	262.1	77.56	259.4	74.92	245.7	72.84	237.9	69.52	230.1	66.99	214.1	65.33
	-3.0	-3.7	269.5	74.45	261.3	71.94	245.7	70.06	237.9	66.87	230.1	64.36	214.1	62.66
	0.0	-0.7	277.3	69.77	261.3	67.46	245.7	65.83	237.9	62.88	230.1	60.42	214.1	58.65
	3.0	2.2	277.3	65.08	261.3	62.98	245.7	61.63	237.9	58.90	230.1	56.52	214.1	54.64
	5.0	4.1	277.3	61.97	261.3	59.98	245.7	58.82	237.9	56.25	230.1	53.88	214.1	51.97
	7.0	6	277.3	58.84	261.3	57.00	245.7	56.01	237.9	53.57	230.1	51.28	214.1	49.30
	9.0	7.9	277.3	56.51	261.3	54.76	245.7	53.81	237.9	51.46	230.1	49.26	214.1	47.36
	11.0	9.8	277.3	54.67	261.3	52.94	245.7	52.03	237.9	49.77	230.1	47.61	214.1	45.80
	13.0	11.8	277.3	52.71	261.3	51.05	245.7	50.15	237.9	47.98	230.1	45.91	214.1	44.15
	15.0	13.7	277.3	50.62	261.3	49.02	245.7	48.16	237.9	46.10	230.1	44.09	214.1	42.41
90	-24.8	-25	152.6	79.85	152.6	80.47	151.5	80.93	151.5	81.13	151.5	81.58	148.7	82.20
	-21.8	-22	184.3	80.47	184.3	81.12	183.1	81.58	183.1	81.78	183.1	82.20	179.6	78.67
	-19.8	-20	193.9	80.92	193.9	81.54	192.7	82.00	192.7	82.20	192.7	79.79	189.2	76.34
	-18.8	-19	198.9	81.12	197.7	81.77	196.9	82.20	196.9	80.96	196.9	78.59	193.0	75.15
	-16.7	-17	206.1	81.58	206.1	82.20	205.3	79.63	205.3	78.35	205.3	76.07	195.8	72.67
	-13.7	-15	219.6	82.20	219.6	78.39	217.6	75.98	217.6	74.66	211.0	72.46	195.8	69.17
	-11.8	-13	226.6	79.59	225.4	75.97	224.6	73.65	218.0	72.29	211.0	70.17	195.8	66.93
	-9.8	-11	234.3	76.86	234.3	73.44	224.7	71.23	218.0	69.81	211.0	67.76	195.8	64.57
	-9.5	-10	235.5	76.43	235.5	73.06	224.7	70.85	218.0	69.43	211.0	67.41	195.8	64.22
	-8.5	-9.1	240.2	75.07	238.3	71.81	224.7	69.64	218.0	68.21	211.0	66.21	195.8	63.05
	-7.0	-7.6	251.1	73.00	238.7	69.90	224.7	67.81	218.0	66.35	211.0	64.39	195.8	61.27
	-5.0	-5.6	253.9	70.24	238.7	67.37	224.7	65.37	218.0	63.87	211.0	61.98	195.8	58.94
	-3.0	-3.7	253.9	67.51	238.7	64.81	224.7	62.92	218.0	61.38	211.0	59.57	195.8	56.58
	0.0	-0.7	253.9	63.38	238.7	61.00	224.7	59.26	218.0	57.66	211.0	55.97	195.8	53.05
	3.0	2.2	253.9	59.29	238.7	57.21	224.7	55.61	218.0	53.96	211.0	52.36	195.8	49.53
	5.0	4.1	253.9	56.53	238.7	54.65	224.7	53.16	218.0	51.48	211.0	49.95	195.8	47.17
	7.0	6	253.9	53.79	238.7	52.12	224.7	50.71	218.0	48.99	211.0	47.54	195.8	44.84
	9.0	7.9	253.9	51.19	238.7	49.63	224.7	48.30	218.0	46.63	211.0	45.25	195.8	42.66
	11.0	9.8	253.9	48.59	238.7	47.11	224.7	45.85	218.0	44.29	211.0	42.96	195.8	40.52
	13.0	11.8	253.9	46.02	238.7	44.61	224.7	43.40	218.0	41.92	211.0	40.67	195.8	38.35
	15.0	13.7	253.9	43.42	238.7	42.09	224.7	40.96	218.0	39.55	211.0	38.38	195.8	36.21
80	-24.8	-25	151.8	70.52	151.8	71.17	151.0	71.63	151.0	71.83	151.0	72.90	147.9	69.80
	-21.8	-22	182.4	71.17	182.4	71.82	182.4	72.25	182.4	72.90	182.4	69.80	175.1	66.82
	-19.8	-20	191.9	71.59	191.9	72.24	191.9	72.90	191.9	70.69	188.0	67.71	175.1	64.81
	-18.8	-19	196.1	71.82	196.1	72.90	196.1	71.78	195.0	69.61	188.0	66.70	175.1	63.84
	-16.7	-17	201.2	72.90	201.2	70.57	201.2	69.45	195.0	67.32	188.0	64.53	175.1	61.75
	-13.7	-15	210.2	69.48	206.3	67.27	201.2	66.11	195.0	64.02	188.0	61.43	175.1	58.77
	-11.8	-13	216.0	67.30	209.7	65.17	201.2	64.01	195.0	61.96	188.0	59.45	175.1	56.87
	-9.8	-11	221.8	65.01	212.3	62.99	201.2	61.80	195.0	59.75	188.0	57.39	175.1	54.89
	-9.5	-10	223.3	64.66	213.5	62.64	201.2	61.45	195.0	59.44	188.0	57.08	175.1	54.59
	-8.5	-9.1	225.2	63.53	214.1	61.55	201.2	60.36	195.0	58.32	188.0	56.04	175.1	53.61
	-7.0	-7.6	227.3	61.81	214.1	59.89	201.2	58.69	195.0	56.69	188.0	54.49	175.1	52.11
	-5.0	-5.6	227.3	59.52	214.1	57.70	201.2	56.48	195.0	54.51	188.0	52.40	175.1	50.13
	-3.0	-3.7	227.3	57.23	214.1	55.49	201.2	54.26	195.0	52.31	188.0	50.35	175.1	48.12
	0.0	-0.7	227.3	53.80	214.1	52.19	201.2	50.93	195.0	49.04	188.0	47.24	175.1	45.14
	3.0	2.2	227.3	50.38	214.1	48.89	201.2	47.59	195.0	45.75	188.0	44.14	175.1	42.19
	5.0	4.1	227.3	48.09	214.1	46.67	201.2	45.38	195.0	43.54	188.0	42.09	175.1	40.18
	7.0	6	227.3	45.79	214.1	44.46	201.2	43.16	195.0	41.37	188.0	40.00	175.1	38.20
	9.0	7.9	227.3	43.01	214.1	41.75	201.2	40.53	195.0	38.85	188.0	37.56	175.1	35.88
	11.0	9.8	227.3	39.92	214.1	38.77	201.2	37.63	195.0	36.03	188.0	34.85	175.1	33.29
	13.0	11.8	227.3	37.25	214.1	36.18	201.2	35.12	195.0	33.66	188.0	32.56	175.1	31.07
	15.0	13.7	227.3	35.08	214.1	34.05	201.2	33.06	195.0	31.68	188.0	30.65	175.1	29.25

7. Capacity Tables

Heating Capacity (78HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	151.8	69.91	151.8	70.13	151.0	70.56	151.0	71.18	151.0	67.81	147.0	64.64
	-21.8	-22	172.4	70.56	172.4	70.75	171.2	71.18	165.4	67.81	160.3	64.64	149.7	61.58
	-19.8	-20	186.0	70.98	182.1	71.18	171.2	68.81	165.4	65.56	160.3	62.54	149.7	59.54
	-18.8	-19	191.4	71.18	182.1	69.97	171.2	67.61	165.4	64.41	160.3	61.47	149.7	58.53
	-16.7	-17	192.7	68.65	182.1	67.38	171.2	65.13	165.4	62.04	160.3	59.26	149.7	56.37
	-13.7	-15	192.7	65.01	182.1	63.70	171.2	61.57	165.4	58.67	160.3	56.09	149.7	53.32
	-11.8	-13	192.7	62.68	182.1	61.37	171.2	59.32	165.4	56.51	160.3	54.08	149.7	51.38
	-9.8	-11	192.7	60.28	182.1	58.90	171.2	56.93	165.4	54.27	160.3	51.99	149.7	49.34
	-9.5	-10	192.7	59.89	182.1	58.54	171.2	56.58	165.4	53.92	160.3	51.68	149.7	49.03
	-8.5	-9.1	192.7	58.69	182.1	57.31	171.2	55.41	165.4	52.80	160.3	50.60	149.7	48.02
	-7.0	-7.6	192.7	56.87	182.1	55.48	171.2	53.63	165.4	51.13	160.3	49.02	149.7	46.48
	-5.0	-5.6	192.7	54.46	182.1	53.01	171.2	51.24	165.4	48.85	160.3	46.92	149.7	44.46
	-3.0	-3.7	192.7	52.02	182.1	50.56	171.2	48.87	165.4	46.60	160.3	44.80	149.7	42.42
	0.0	-0.7	192.7	48.37	182.1	46.88	171.2	45.31	165.4	43.23	160.3	41.63	149.7	39.36
	3.0	2.2	192.7	44.73	182.1	43.20	171.2	41.75	165.4	39.83	160.3	38.49	149.7	36.28
	5.0	4.1	192.7	42.32	182.1	40.73	171.2	39.38	165.4	37.59	160.3	36.37	149.7	34.26
	7.0	6	192.7	39.88	182.1	38.28	171.2	36.99	165.4	35.34	160.3	34.27	149.7	32.22
	9.0	7.9	192.7	36.03	182.1	34.58	171.2	33.40	165.4	31.91	160.3	30.93	149.7	29.09
	11.0	9.8	192.7	33.55	182.1	32.18	171.2	31.11	165.4	29.70	160.3	28.82	149.7	27.07
	13.0	11.8	192.7	31.38	182.1	30.12	171.2	29.10	165.4	27.79	160.3	26.96	149.7	25.35
	15.0	13.7	192.7	29.59	182.1	28.40	171.2	27.45	165.4	26.20	160.3	25.40	149.7	23.90
60	-24.8	-25	147.8	69.27	147.8	69.70	146.7	70.35	141.9	66.68	136.9	63.25	128.3	60.05
	-21.8	-22	158.3	69.92	156.4	70.35	146.7	66.68	141.9	63.25	136.9	60.05	128.3	56.93
	-19.8	-20	165.4	70.35	156.4	67.76	146.7	64.25	141.9	60.97	136.9	57.89	128.3	54.85
	-18.8	-19	165.4	69.04	156.4	66.48	146.7	63.05	141.9	59.85	136.9	56.81	128.3	53.81
	-16.7	-17	165.4	66.29	156.4	63.75	146.7	60.47	141.9	57.43	136.9	54.57	128.3	51.65
	-13.7	-15	165.4	62.39	156.4	59.88	146.7	56.81	141.9	54.03	136.9	51.34	128.3	48.53
	-11.8	-13	165.4	59.91	156.4	57.42	146.7	54.49	141.9	51.83	136.9	49.30	128.3	46.57
	-9.8	-11	165.4	57.29	156.4	54.83	146.7	52.06	141.9	49.56	136.9	47.17	128.3	44.49
	-9.5	-10	165.4	56.90	156.4	54.45	146.7	51.71	141.9	49.21	136.9	46.83	128.3	44.18
	-8.5	-9.1	165.4	55.59	156.4	53.17	146.7	50.48	141.9	48.09	136.9	45.78	128.3	43.14
	-7.0	-7.6	165.4	53.65	156.4	51.24	146.7	48.66	141.9	46.36	136.9	44.16	128.3	41.60
	-5.0	-5.6	165.4	51.03	156.4	48.65	146.7	46.23	141.9	44.08	136.9	42.01	128.3	39.52
	-3.0	-3.7	165.4	48.44	156.4	46.06	146.7	43.80	141.9	41.80	136.9	39.85	128.3	37.44
	0.0	-0.7	165.4	44.50	156.4	42.17	146.7	40.13	141.9	38.37	136.9	36.65	128.3	34.35
	3.0	2.2	165.4	40.60	156.4	38.31	146.7	36.47	141.9	34.94	136.9	33.41	128.3	31.23
	5.0	4.1	165.4	38.01	156.4	35.72	146.7	34.04	141.9	32.66	136.9	31.29	128.3	29.15
	7.0	6	165.4	35.38	156.4	33.14	146.7	31.61	141.9	30.35	136.9	29.13	128.3	27.07
	9.0	7.9	165.4	31.57	156.4	29.58	146.7	28.18	141.9	27.11	136.9	26.00	128.3	24.17
	11.0	9.8	165.4	29.47	156.4	27.61	146.7	26.31	141.9	25.31	136.9	24.28	128.3	22.57
	13.0	11.8	165.4	27.61	156.4	25.85	146.7	24.67	141.9	23.71	136.9	22.73	128.3	21.13
	15.0	13.7	165.4	26.08	156.4	24.44	146.7	23.30	141.9	22.38	136.9	21.50	128.3	19.98
50	-24.8	-25	138.0	59.88	130.2	60.50	122.4	57.33	118.5	54.35	114.3	51.53	106.5	48.91
	-21.8	-22	138.0	60.50	130.2	57.33	122.4	54.35	118.5	51.53	114.3	48.91	106.5	46.37
	-19.8	-20	138.0	58.29	130.2	55.20	122.4	52.35	118.5	49.64	114.3	47.14	106.5	44.67
	-18.8	-19	138.0	57.17	130.2	54.12	122.4	51.38	118.5	48.72	114.3	46.29	106.5	43.86
	-16.7	-17	138.0	54.85	130.2	51.92	122.4	49.29	118.5	46.72	114.3	44.44	106.5	42.08
	-13.7	-15	138.0	51.52	130.2	48.71	122.4	46.29	118.5	43.90	114.3	41.81	106.5	39.54
	-11.8	-13	138.0	49.40	130.2	46.70	122.4	44.42	118.5	42.12	114.3	40.15	106.5	37.96
	-9.8	-11	138.0	47.19	130.2	44.58	122.4	42.42	118.5	40.23	114.3	38.38	106.5	36.26
	-9.5	-10	138.0	46.85	130.2	44.27	122.4	42.11	118.5	39.96	114.3	38.14	106.5	36.00
	-8.5	-9.1	138.0	45.76	130.2	43.19	122.4	41.14	118.5	39.03	114.3	37.26	106.5	35.15
	-7.0	-7.6	138.0	44.07	130.2	41.60	122.4	39.64	118.5	37.60	114.3	35.95	106.5	33.91
	-5.0	-5.6	138.0	41.86	130.2	39.48	122.4	37.67	118.5	35.75	114.3	34.21	106.5	32.22
	-3.0	-3.7	138.0	39.65	130.2	37.35	122.4	35.66	118.5	33.86	114.3	32.44	106.5	30.52
	0.0	-0.7	138.0	36.33	130.2	34.15	122.4	32.69	118.5	31.04	114.3	29.81	106.5	28.01
	3.0	2.2	138.0	32.97	130.2	30.98	122.4	29.71	118.5	28.22	114.3	27.19	106.5	25.47
	5.0	4.1	138.0	30.76	130.2	28.85	122.4	27.74	118.5	26.33	114.3	25.45	106.5	23.78
	7.0	6	138.0	28.55	130.2	26.73	122.4	25.74	118.5	24.44	114.3	23.68	106.5	22.11
	9.0	7.9	138.0	25.77	130.2	24.13	122.4	23.26	118.5	22.08	114.3	21.39	106.5	19.98
	11.0	9.8	138.0	24.13	130.2	22.57	122.4	21.74	118.5	20.66	114.3	20.02	106.5	18.68
	13.0	11.8	138.0	22.65	130.2	21.20	122.4	20.43	118.5	19.41	114.3	18.80	106.5	17.54
	15.0	13.7	138.0	21.43	130.2	20.06	122.4	19.33	118.5	18.34	114.3	17.80	106.5	16.59

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM800LTE5

Heating Capacity (80HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	158.0	84.88	158.0	85.16	156.8	85.40	156.8	85.76	156.8	86.12	154.0	86.64
	-21.8	-22	192.0	85.44	192.0	85.72	190.8	85.96	190.8	86.32	190.8	86.64	187.2	87.20
	-19.8	-20	202.8	85.80	202.8	86.08	201.2	86.32	201.2	86.68	201.2	87.00	197.6	87.56
	-18.8	-19	206.8	85.96	206.8	86.24	205.6	86.48	205.6	86.84	205.6	87.20	201.6	87.72
	-16.7	-17	216.0	86.36	216.0	86.64	214.8	86.88	214.8	87.24	214.8	87.56	210.8	88.12
	-13.7	-15	229.2	86.92	229.2	87.16	228.0	87.40	228.0	87.76	228.0	88.12	223.6	84.92
	-11.8	-13	236.8	87.24	236.8	87.52	235.2	87.76	235.2	88.12	235.2	85.96	231.6	82.88
	-9.8	-11	244.4	87.60	244.4	87.88	243.2	88.12	243.2	85.84	243.2	83.72	240.0	80.76
	-9.5	-10	246.0	87.68	246.0	87.92	244.4	87.76	244.4	85.52	244.4	83.36	241.2	80.44
	-8.5	-9.1	250.8	87.84	250.8	88.12	249.2	86.60	249.2	84.36	248.0	82.24	245.6	79.36
	-7.0	-7.6	258.0	88.12	258.0	86.44	256.4	84.88	256.4	82.64	256.4	80.56	252.0	77.76
	-5.0	-5.6	267.2	85.96	267.2	84.20	265.6	82.60	265.6	80.40	265.6	78.32	260.4	75.64
	-3.0	-3.7	276.8	83.84	276.8	81.96	275.2	80.28	275.2	78.12	275.2	76.04	268.8	73.48
	0.0	-0.7	290.8	80.64	290.8	78.64	289.2	76.80	289.2	74.72	289.2	72.68	281.6	70.28
	3.0	2.2	305.2	77.44	305.2	75.28	303.2	73.36	303.2	71.28	303.2	69.28	284.4	67.08
	5.0	4.1	314.8	75.32	314.8	73.04	312.8	71.04	312.8	69.04	305.6	67.00	284.4	64.96
	7.0	6	324.0	73.16	324.0	70.80	322.0	68.76	316.8	66.76	305.6	64.76	284.4	62.84
	9.0	7.9	325.6	71.40	325.6	69.12	324.8	67.12	316.8	65.16	305.6	63.20	284.4	61.32
	11.0	9.8	325.6	70.32	325.6	68.04	324.8	66.08	316.8	64.12	305.6	62.24	284.4	60.36
	13.0	11.8	325.6	69.08	325.6	66.88	324.8	64.92	316.8	63.04	305.6	61.16	284.4	59.32
	15.0	13.7	325.6	67.80	325.6	65.60	324.8	63.68	316.8	61.84	305.6	60.00	284.4	58.20
120	-24.8	-25	156.8	85.16	156.8	85.40	155.6	85.76	155.6	86.12	155.6	86.64	152.8	87.04
	-21.8	-22	190.8	85.72	190.8	85.96	189.6	86.32	189.6	86.64	189.6	87.20	186.0	87.56
	-19.8	-20	201.2	86.08	201.2	86.32	200.0	86.68	200.0	87.00	200.0	87.56	196.0	87.92
	-18.8	-19	205.6	86.24	205.6	86.48	204.4	86.84	204.4	87.20	204.4	87.72	200.4	88.12
	-16.7	-17	214.8	86.64	214.8	86.88	213.2	87.24	213.2	87.56	213.2	88.12	209.2	86.04
	-13.7	-15	227.6	87.16	227.6	87.40	226.4	87.76	226.4	88.12	226.4	85.04	222.0	83.12
	-11.8	-13	235.2	87.52	235.2	87.76	233.6	88.12	233.6	85.96	233.6	83.12	230.0	81.24
	-9.8	-11	242.8	87.88	242.8	88.12	241.2	85.76	241.2	83.68	241.2	81.08	238.4	79.28
	-9.5	-10	244.4	87.92	244.4	87.76	242.8	85.40	242.8	83.32	242.8	80.76	239.6	79.00
	-8.5	-9.1	248.8	88.12	248.8	86.48	247.6	84.20	247.6	82.20	247.6	79.76	244.0	78.00
	-7.0	-7.6	256.0	86.28	256.0	84.60	254.4	82.44	254.4	80.48	254.4	78.24	250.0	76.52
	-5.0	-5.6	265.6	83.80	265.6	82.12	263.6	80.04	263.6	78.20	263.6	76.20	258.8	74.56
	-3.0	-3.7	274.8	81.32	274.8	79.64	273.2	77.68	273.2	75.92	273.2	74.16	267.2	72.60
	0.0	-0.7	288.8	77.64	288.8	75.88	287.2	74.12	287.2	72.52	287.2	71.08	267.2	69.68
	3.0	2.2	303.2	73.92	303.2	72.12	301.2	70.56	296.8	69.12	287.6	68.04	267.2	66.72
	5.0	4.1	312.4	71.48	312.4	69.64	307.2	68.20	296.8	66.84	287.6	66.00	267.2	64.76
	7.0	6	322.0	69.00	319.6	67.12	307.2	65.80	296.8	64.56	287.6	63.96	267.2	62.80
	9.0	7.9	323.2	67.20	319.6	65.36	307.2	64.08	296.8	62.84	287.6	62.24	267.2	61.16
	11.0	9.8	323.2	65.96	319.6	64.16	307.2	62.88	296.8	61.68	287.6	61.12	267.2	60.04
	13.0	11.8	323.2	64.60	319.6	62.88	307.2	61.64	296.8	60.44	287.6	59.88	267.2	58.80
	15.0	13.7	323.2	63.20	319.6	61.48	307.2	60.28	296.8	59.12	287.6	58.56	267.2	57.52
110	-24.8	-25	156.0	85.40	156.0	85.76	154.8	86.12	154.8	86.64	154.8	87.04	152.0	87.20
	-21.8	-22	189.6	85.96	189.6	86.32	188.4	86.64	188.4	87.20	188.4	87.56	184.8	87.76
	-19.8	-20	200.0	86.32	200.0	86.68	198.8	87.00	198.8	87.56	198.8	87.92	194.8	88.12
	-18.8	-19	204.4	86.48	204.4	86.84	203.2	87.20	203.2	87.72	203.2	88.12	199.2	87.00
	-16.7	-17	213.6	86.88	213.6	87.24	212.0	87.56	212.0	88.12	212.0	85.88	208.0	84.72
	-13.7	-15	226.4	87.40	226.4	87.76	224.8	88.12	224.8	84.72	224.8	82.68	224.8	81.40
	-11.8	-13	233.6	87.76	233.6	88.12	232.4	85.72	232.4	82.60	232.4	80.64	232.4	79.32
	-9.8	-11	241.6	88.12	241.6	85.44	240.0	83.20	240.0	80.32	240.0	78.52	238.4	77.12
	-9.5	-10	242.8	87.68	242.8	85.00	241.6	82.84	241.6	80.00	241.6	78.20	240.4	76.80
	-8.5	-9.1	247.6	86.24	247.6	83.68	246.0	81.60	246.0	78.84	246.0	77.12	240.4	75.72
	-7.0	-7.6	254.8	84.04	254.8	81.64	253.2	79.68	253.2	77.16	253.2	75.52	240.4	74.08
	-5.0	-5.6	264.0	81.16	264.0	78.96	262.4	77.20	262.4	74.92	257.6	73.40	240.4	71.88
	-3.0	-3.7	273.2	78.28	273.2	76.28	271.6	74.68	266.4	72.64	257.6	71.24	240.4	69.68
	0.0	-0.7	287.2	73.92	287.2	72.24	275.6	70.92	266.4	69.24	257.6	68.04	240.4	66.36
	3.0	2.2	301.2	69.56	293.6	68.20	275.6	67.12	266.4	65.88	257.6	64.84	240.4	63.08
	5.0	4.1	310.8	66.68	293.6	65.52	275.6	64.64	266.4	63.60	257.6	62.72	240.4	60.88
	7.0	6	310.8	63.76	293.6	62.80	275.6	62.12	266.4	61.36	257.6	60.56	240.4	58.68
	9.0	7.9	310.8	61.80	293.6	60.88	275.6	60.20	266.4	59.48	257.6	58.68	240.4	56.88
	11.0	9.8	310.8	60.36	293.6	59.48	275.6	58.80	266.4	58.08	257.6	57.32	240.4	55.56
	13.0	11.8	310.8	58.84	293.6	57.96	275.6	57.32	266.4	56.60	257.6	55.88	240.4	54.16
	15.0	13.7	310.8	57.20	293.6	56.32	275.6	55.72	266.4	55.04	257.6	54.32	240.4	52.64

7. Capacity Tables

Heating Capacity (80HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	155.2	93.40	155.2	92.72	154.4	85.40	154.4	90.96	154.4	90.24	151.2	89.88
	-21.8	-22	188.8	92.36	188.8	91.64	187.6	88.08	187.6	89.92	187.6	90.28	184.0	88.84
	-19.8	-20	199.2	91.64	199.2	90.92	198.0	89.72	198.0	89.20	198.0	88.84	194.0	88.12
	-18.8	-19	203.6	91.28	202.4	90.60	202.4	89.92	202.4	88.84	202.4	88.12	198.4	86.76
	-16.7	-17	211.2	90.56	211.2	89.84	211.2	90.28	210.0	88.12	210.0	85.32	206.0	83.92
	-13.7	-15	225.2	89.48	225.2	88.80	224.0	88.12	224.0	84.08	224.0	81.32	219.6	79.84
	-11.8	-13	232.4	88.84	231.2	88.12	231.2	85.44	231.2	81.52	231.2	78.80	219.6	77.24
	-9.8	-11	240.4	88.12	240.4	85.12	239.2	82.60	239.2	78.84	236.0	76.12	219.6	74.52
	-9.5	-10	241.6	87.64	241.6	84.64	240.4	82.16	240.4	78.44	236.0	75.76	219.6	74.12
	-8.5	-9.1	246.4	86.08	246.4	83.16	245.2	80.76	244.0	77.08	236.0	74.40	219.6	72.76
	-7.0	-7.6	257.6	83.72	256.4	80.88	252.0	78.60	244.0	75.04	236.0	72.40	219.6	70.72
	-5.0	-5.6	268.8	80.56	266.0	77.88	252.0	75.76	244.0	72.36	236.0	69.76	219.6	68.04
	-3.0	-3.7	276.4	77.44	268.0	74.88	252.0	72.96	244.0	69.68	236.0	67.08	219.6	65.32
	0.0	-0.7	284.4	72.72	268.0	70.36	252.0	68.68	244.0	65.64	236.0	63.08	219.6	61.24
	3.0	2.2	284.4	68.00	268.0	65.84	252.0	64.44	244.0	61.60	236.0	59.12	219.6	57.16
	5.0	4.1	284.4	64.88	268.0	62.80	252.0	61.60	244.0	58.92	236.0	56.44	219.6	54.44
	7.0	6	284.4	61.72	268.0	59.80	252.0	58.76	244.0	56.20	236.0	53.80	219.6	51.72
	9.0	7.9	284.4	59.56	268.0	57.72	252.0	56.72	244.0	54.24	236.0	51.92	219.6	49.92
	11.0	9.8	284.4	57.92	268.0	56.08	252.0	55.12	244.0	52.72	236.0	50.44	219.6	48.52
	13.0	11.8	284.4	56.16	268.0	54.40	252.0	53.44	244.0	51.12	236.0	48.92	219.6	47.04
	15.0	13.7	284.4	54.28	268.0	52.56	252.0	51.64	244.0	49.44	236.0	47.28	219.6	45.48
90	-24.8	-25	154.8	83.60	154.8	84.12	153.6	84.52	153.6	84.68	153.6	85.08	150.8	85.60
	-21.8	-22	188.0	84.12	188.0	84.68	186.8	85.08	186.8	85.24	186.8	85.60	183.2	81.96
	-19.8	-20	198.4	84.52	198.4	85.04	197.2	85.44	197.2	85.60	197.2	83.12	193.6	79.56
	-18.8	-19	203.6	84.68	202.4	85.24	201.6	85.60	201.6	84.32	201.6	81.88	197.6	78.32
	-16.7	-17	211.2	85.08	211.2	85.60	210.4	82.96	210.4	81.64	210.4	79.28	200.8	75.76
	-13.7	-15	225.2	85.60	225.2	81.68	223.2	79.20	223.2	77.84	216.4	75.56	200.8	72.16
	-11.8	-13	232.4	82.92	231.2	79.20	230.4	76.80	223.6	75.40	216.4	73.20	200.8	69.84
	-9.8	-11	240.4	80.12	240.4	76.60	230.4	74.32	223.6	72.84	216.4	70.72	200.8	67.40
	-9.5	-10	241.6	79.68	241.6	76.20	230.4	73.92	223.6	72.44	216.4	70.36	200.8	67.04
	-8.5	-9.1	246.4	78.28	244.4	74.92	230.4	72.68	223.6	71.20	216.4	69.12	200.8	65.84
	-7.0	-7.6	257.6	76.16	244.8	72.96	230.4	70.80	223.6	69.28	216.4	67.24	200.8	64.00
	-5.0	-5.6	260.4	73.32	244.8	70.36	230.4	68.28	223.6	66.72	216.4	64.76	200.8	61.60
	-3.0	-3.7	260.4	70.52	244.8	67.72	230.4	65.76	223.6	64.16	216.4	62.28	200.8	59.16
	0.0	-0.7	260.4	66.28	244.8	63.80	230.4	62.00	223.6	60.32	216.4	58.56	200.8	55.52
	3.0	2.2	260.4	62.08	244.8	59.92	230.4	58.24	223.6	56.52	216.4	54.84	200.8	51.88
	5.0	4.1	260.4	59.24	244.8	57.28	230.4	55.72	223.6	53.96	216.4	52.36	200.8	49.44
	7.0	6	260.4	56.44	244.8	54.68	230.4	53.20	223.6	51.40	216.4	49.88	200.8	47.04
	9.0	7.9	260.4	53.76	244.8	52.12	230.4	50.72	223.6	48.96	216.4	47.52	200.8	44.80
	11.0	9.8	260.4	51.08	244.8	49.52	230.4	48.20	223.6	46.56	216.4	45.16	200.8	42.60
	13.0	11.8	260.4	48.44	244.8	46.96	230.4	45.68	223.6	44.12	216.4	42.80	200.8	40.36
	15.0	13.7	260.4	45.76	244.8	44.36	230.4	43.16	223.6	41.68	216.4	40.44	200.8	38.16
80	-24.8	-25	154.0	73.88	154.0	74.44	153.2	74.84	153.2	75.00	153.2	75.92	150.0	72.72
	-21.8	-22	186.0	74.44	186.0	75.00	186.0	75.36	186.0	75.92	186.0	72.72	179.6	69.64
	-19.8	-20	196.4	74.80	196.4	75.36	196.4	75.92	196.4	73.64	192.8	70.56	179.6	67.56
	-18.8	-19	200.8	75.00	200.8	75.92	200.8	74.76	200.0	72.52	192.8	69.52	179.6	66.56
	-16.7	-17	206.4	75.92	206.4	73.52	206.4	72.36	200.0	70.16	192.8	67.28	179.6	64.40
	-13.7	-15	215.6	72.40	211.6	70.12	206.4	68.92	200.0	66.76	192.8	64.08	179.6	61.32
	-11.8	-13	221.2	70.16	214.8	67.96	206.4	66.76	200.0	64.64	192.8	62.04	179.6	59.36
	-9.8	-11	227.2	67.80	217.6	65.72	206.4	64.48	200.0	62.36	192.8	59.92	179.6	57.32
	-9.5	-10	228.8	67.44	218.8	65.36	206.4	64.12	200.0	62.04	192.8	59.60	179.6	57.00
	-8.5	-9.1	230.8	66.28	219.6	64.24	206.4	63.00	200.0	60.88	192.8	58.52	179.6	56.00
	-7.0	-7.6	233.2	64.52	219.6	62.52	206.4	61.28	200.0	59.20	192.8	56.92	179.6	54.44
	-5.0	-5.6	233.2	62.16	219.6	60.28	206.4	59.00	200.0	56.96	192.8	54.76	179.6	52.40
	-3.0	-3.7	233.2	59.80	219.6	58.00	206.4	56.72	200.0	54.68	192.8	52.64	179.6	50.32
	0.0	-0.7	233.2	56.28	219.6	54.60	206.4	53.28	200.0	51.32	192.8	49.44	179.6	47.24
	3.0	2.2	233.2	52.76	219.6	51.20	206.4	49.84	200.0	47.92	192.8	46.24	179.6	44.20
	5.0	4.1	233.2	50.40	219.6	48.92	206.4	47.56	200.0	45.64	192.8	44.12	179.6	42.12
	7.0	6	233.2	48.04	219.6	46.64	206.4	45.28	200.0	43.40	192.8	41.96	179.6	40.08
	9.0	7.9	233.2	45.12	219.6	43.80	206.4	42.52	200.0	40.76	192.8	39.40	179.6	37.64
	11.0	9.8	233.2	41.88	219.6	40.68	206.4	39.48	200.0	37.80	192.8	36.56	179.6	34.92
	13.0	11.8	233.2	39.08	219.6	37.96	206.4	36.84	200.0	35.32	192.8	34.16	179.6	32.60
	15.0	13.7	233.2	36.80	219.6	35.72	206.4	34.68	200.0	33.24	192.8	32.16	179.6	30.68

7. Capacity Tables

Heating Capacity (80HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	154.0	73.04	154.0	73.24	153.2	73.60	153.2	74.12	153.2	70.64	150.0	67.36
	-21.8	-22	176.8	73.60	176.8	73.76	175.6	74.12	169.6	70.64	164.4	67.36	153.6	64.20
	-19.8	-20	192.0	73.96	186.8	74.12	175.6	71.68	169.6	68.32	164.4	65.20	153.6	62.08
	-18.8	-19	197.6	74.12	186.8	72.88	175.6	70.44	169.6	67.12	164.4	64.08	153.6	61.04
	-16.7	-17	197.6	71.52	186.8	70.20	175.6	67.88	169.6	64.68	164.4	61.80	153.6	58.80
	-13.7	-15	197.6	67.76	186.8	66.40	175.6	64.20	169.6	61.20	164.4	58.52	153.6	55.64
	-11.8	-13	197.6	65.36	186.8	64.00	175.6	61.88	169.6	58.96	164.4	56.44	153.6	53.64
	-9.8	-11	197.6	62.88	186.8	61.44	175.6	59.40	169.6	56.64	164.4	54.28	153.6	51.52
	-9.5	-10	197.6	62.48	186.8	61.08	175.6	59.04	169.6	56.28	164.4	53.96	153.6	51.20
	-8.5	-9.1	197.6	61.24	186.8	59.80	175.6	57.84	169.6	55.12	164.4	52.84	153.6	50.16
	-7.0	-7.6	197.6	59.36	186.8	57.92	175.6	56.00	169.6	53.40	164.4	51.20	153.6	48.56
	-5.0	-5.6	197.6	56.88	186.8	55.36	175.6	53.52	169.6	51.04	164.4	49.04	153.6	46.48
	-3.0	-3.7	197.6	54.36	186.8	52.84	175.6	51.08	169.6	48.72	164.4	46.84	153.6	44.36
	0.0	-0.7	197.6	50.60	186.8	49.04	175.6	47.40	169.6	45.24	164.4	43.56	153.6	41.20
	3.0	2.2	197.6	46.84	186.8	45.24	175.6	43.72	169.6	41.72	164.4	40.32	153.6	38.00
	5.0	4.1	197.6	44.36	186.8	42.68	175.6	41.28	169.6	39.40	164.4	38.12	153.6	35.92
	7.0	6	197.6	41.84	186.8	40.16	175.6	38.80	169.6	37.08	164.4	35.96	153.6	33.80
	9.0	7.9	197.6	37.80	186.8	36.28	175.6	35.04	169.6	33.48	164.4	32.44	153.6	30.52
	11.0	9.8	197.6	35.20	186.8	33.76	175.6	32.64	169.6	31.16	164.4	30.24	153.6	28.40
	13.0	11.8	197.6	32.92	186.8	31.60	175.6	30.52	169.6	29.16	164.4	28.28	153.6	26.60
	15.0	13.7	197.6	31.04	186.8	29.80	175.6	28.80	169.6	27.48	164.4	26.64	153.6	25.08
60	-24.8	-25	151.6	72.40	151.6	72.76	150.4	73.32	145.6	69.52	140.4	65.96	131.6	62.64
	-21.8	-22	162.4	72.96	160.4	73.32	150.4	69.52	145.6	65.96	140.4	62.64	131.6	59.40
	-19.8	-20	169.6	73.32	160.4	70.64	150.4	67.00	145.6	63.60	140.4	60.40	131.6	57.24
	-18.8	-19	169.6	71.96	160.4	69.32	150.4	65.76	145.6	62.44	140.4	59.28	131.6	56.16
	-16.7	-17	169.6	69.12	160.4	66.48	150.4	63.08	145.6	59.92	140.4	56.96	131.6	53.92
	-13.7	-15	169.6	65.08	160.4	62.48	150.4	59.28	145.6	56.40	140.4	53.60	131.6	50.68
	-11.8	-13	169.6	62.52	160.4	59.92	150.4	56.88	145.6	54.12	140.4	51.48	131.6	48.64
	-9.8	-11	169.6	59.80	160.4	57.24	150.4	54.36	145.6	51.76	140.4	49.28	131.6	46.48
	-9.5	-10	169.6	59.40	160.4	56.84	150.4	54.00	145.6	51.40	140.4	48.92	131.6	46.16
	-8.5	-9.1	169.6	58.04	160.4	55.52	150.4	52.72	145.6	50.24	140.4	47.84	131.6	45.08
	-7.0	-7.6	169.6	56.04	160.4	53.52	150.4	50.84	145.6	48.44	140.4	46.16	131.6	43.48
	-5.0	-5.6	169.6	53.32	160.4	50.84	150.4	48.32	145.6	46.08	140.4	43.92	131.6	41.32
	-3.0	-3.7	169.6	50.64	160.4	48.16	150.4	45.80	145.6	43.72	140.4	41.68	131.6	39.16
	0.0	-0.7	169.6	46.56	160.4	44.12	150.4	42.00	145.6	40.16	140.4	38.36	131.6	35.96
	3.0	2.2	169.6	42.52	160.4	40.12	150.4	38.20	145.6	36.60	140.4	35.00	131.6	32.72
	5.0	4.1	169.6	39.84	160.4	37.44	150.4	35.68	145.6	34.24	140.4	32.80	131.6	30.56
	7.0	6	169.6	37.12	160.4	34.76	150.4	33.16	145.6	31.84	140.4	30.56	131.6	28.40
	9.0	7.9	169.6	33.12	160.4	31.04	150.4	29.56	145.6	28.44	140.4	27.28	131.6	25.36
	11.0	9.8	169.6	30.92	160.4	28.96	150.4	27.60	145.6	26.56	140.4	25.48	131.6	23.68
	13.0	11.8	169.6	28.96	160.4	27.12	150.4	25.88	145.6	24.88	140.4	23.84	131.6	22.16
	15.0	13.7	169.6	27.36	160.4	25.64	150.4	24.44	145.6	23.48	140.4	22.56	131.6	20.96
50	-24.8	-25	141.6	62.48	133.6	63.00	125.6	59.72	121.6	56.64	117.2	53.72	109.2	51.00
	-21.8	-22	141.6	63.00	133.6	59.72	125.6	56.64	121.6	53.72	117.2	51.00	109.2	48.36
	-19.8	-20	141.6	60.72	133.6	57.52	125.6	54.56	121.6	51.76	117.2	49.16	109.2	46.60
	-18.8	-19	141.6	59.56	133.6	56.40	125.6	53.56	121.6	50.80	117.2	48.28	109.2	45.76
	-16.7	-17	141.6	57.16	133.6	54.12	125.6	51.40	121.6	48.72	117.2	46.36	109.2	43.92
	-13.7	-15	141.6	53.72	133.6	50.80	125.6	48.28	121.6	45.80	117.2	43.64	109.2	41.28
	-11.8	-13	141.6	51.52	133.6	48.72	125.6	46.36	121.6	43.96	117.2	41.92	109.2	39.64
	-9.8	-11	141.6	49.24	133.6	46.52	125.6	44.28	121.6	42.00	117.2	40.08	109.2	37.88
	-9.5	-10	141.6	48.88	133.6	46.20	125.6	43.96	121.6	41.72	117.2	39.84	109.2	37.60
	-8.5	-9.1	141.6	47.76	133.6	45.08	125.6	42.96	121.6	40.76	117.2	38.92	109.2	36.72
	-7.0	-7.6	141.6	46.00	133.6	43.44	125.6	41.40	121.6	39.28	117.2	37.56	109.2	35.44
	-5.0	-5.6	141.6	43.72	133.6	41.24	125.6	39.36	121.6	37.36	117.2	35.76	109.2	33.68
	-3.0	-3.7	141.6	41.44	133.6	39.04	125.6	37.28	121.6	35.40	117.2	33.92	109.2	31.92
	0.0	-0.7	141.6	38.00	133.6	35.72	125.6	34.20	121.6	32.48	117.2	31.20	109.2	29.32
	3.0	2.2	141.6	34.52	133.6	32.44	125.6	31.12	121.6	29.56	117.2	28.48	109.2	26.68
	5.0	4.1	141.6	32.24	133.6	30.24	125.6	29.08	121.6	27.60	117.2	26.68	109.2	24.92
	7.0	6	141.6	29.96	133.6	28.04	125.6	27.00	121.6	25.64	117.2	24.84	109.2	23.20
	9.0	7.9	141.6	27.04	133.6	25.32	125.6	24.40	121.6	23.16	117.2	22.44	109.2	20.96
	11.0	9.8	141.6	25.32	133.6	23.68	125.6	22.80	121.6	21.68	117.2	21.00	109.2	19.60
	13.0	11.8	141.6	23.76	133.6	22.24	125.6	21.44	121.6	20.36	117.2	19.72	109.2	18.40
	15.0	13.7	141.6	22.48	133.6	21.04	125.6	20.28	121.6	19.24	117.2	18.68	109.2	17.40

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

7.2.2 SLC Mode

◆ ARUM080LTE5

Heating Capacity (8HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	15.6	7.34	15.6	7.39	15.5	7.43	15.5	7.50	15.5	7.56	15.2	7.66
	-21.8	-22	19.0	7.44	19.0	7.49	18.9	7.53	18.9	7.60	18.9	7.66	18.5	7.76
	-19.8	-20	20.1	7.50	20.1	7.55	19.9	7.60	19.9	7.66	19.9	7.72	19.5	7.82
	-18.8	-19	20.5	7.54	20.5	7.59	20.4	7.63	20.4	7.69	20.4	7.76	20.0	7.85
	-16.7	-17	21.5	7.61	21.5	7.65	21.4	7.70	21.4	7.76	21.4	7.82	21.0	7.92
	-13.7	-15	22.9	7.70	22.9	7.75	22.8	7.79	22.8	7.86	22.8	7.92	22.3	7.57
	-11.8	-13	23.7	7.77	23.7	7.81	23.5	7.86	23.5	7.92	23.5	7.68	23.2	7.34
	-9.8	-11	24.5	7.83	24.5	7.88	24.3	7.92	24.3	7.66	24.3	7.42	24.1	7.10
	-9.5	-10	24.6	7.84	24.6	7.89	24.5	7.88	24.5	7.62	24.4	7.38	24.3	7.07
	-8.5	-9.1	25.1	7.87	25.1	7.92	24.9	7.74	24.9	7.48	24.8	7.26	24.7	6.95
	-7.0	-7.6	25.8	7.92	25.8	7.71	25.6	7.53	25.6	7.29	25.6	7.06	25.4	6.77
	-5.0	-5.6	26.7	7.64	26.7	7.43	26.5	7.26	26.5	7.02	26.5	6.81	26.3	6.53
	-3.0	-3.7	27.6	7.36	27.6	7.15	27.5	6.98	27.5	6.76	27.5	6.55	27.3	6.30
	0.0	-0.7	29.0	6.94	29.0	6.74	28.9	6.56	28.9	6.36	28.9	6.17	28.4	5.94
	3.0	2.2	30.4	6.51	30.4	6.32	30.2	6.15	30.2	5.96	30.2	5.78	28.4	5.58
	5.0	4.1	30.8	5.67	30.7	5.49	30.6	5.33	30.6	5.16	29.9	5.00	27.9	4.83
	7.0	6	30.9	5.30	30.8	5.13	30.7	4.98	30.2	4.83	29.2	4.69	27.2	4.55
	9.0	7.9	30.0	4.85	30.0	4.69	29.9	4.56	29.1	4.42	28.1	4.29	26.2	4.16
	11.0	9.8	28.4	4.46	28.3	4.32	28.2	4.20	27.5	4.07	26.6	3.95	24.8	3.83
	13.0	11.8	26.7	4.02	26.6	3.89	26.5	3.78	25.9	3.67	25.0	3.56	23.2	3.45
	15.0	13.7	25.2	3.63	25.2	3.52	25.1	3.41	24.5	3.32	23.6	3.22	22.0	3.12
120	-24.8	-25	15.5	7.39	15.5	7.43	15.4	7.50	15.4	7.56	15.4	7.66	15.1	7.73
	-21.8	-22	18.9	7.49	18.9	7.53	18.8	7.60	18.8	7.66	18.8	7.76	18.4	7.82
	-19.8	-20	19.9	7.55	19.9	7.60	19.8	7.66	19.8	7.72	19.8	7.82	19.4	7.89
	-18.8	-19	20.4	7.59	20.4	7.63	20.3	7.69	20.3	7.76	20.3	7.85	19.9	7.92
	-16.7	-17	21.4	7.65	21.4	7.70	21.2	7.76	21.2	7.82	21.2	7.92	20.8	7.69
	-13.7	-15	22.8	7.75	22.8	7.79	22.6	7.86	22.6	7.92	22.6	7.58	22.2	7.37
	-11.8	-13	23.5	7.81	23.5	7.86	23.4	7.92	23.4	7.68	23.4	7.36	23.1	7.16
	-9.8	-11	24.3	7.88	24.3	7.92	24.2	7.65	24.2	7.42	24.2	7.13	24.0	6.94
	-9.5	-10	24.4	7.89	24.4	7.88	24.3	7.61	24.3	7.38	24.3	7.10	24.1	6.91
	-8.5	-9.1	24.9	7.92	24.9	7.73	24.8	7.47	24.8	7.25	24.8	6.98	24.6	6.80
	-7.0	-7.6	25.6	7.70	25.6	7.51	25.4	7.27	25.4	7.06	25.4	6.81	25.2	6.64
	-5.0	-5.6	26.5	7.40	26.5	7.22	26.4	6.99	26.4	6.80	26.4	6.58	26.2	6.42
	-3.0	-3.7	27.5	7.10	27.5	6.93	27.3	6.72	27.3	6.54	27.3	6.35	26.7	6.20
	0.0	-0.7	28.8	6.66	28.8	6.49	28.7	6.31	28.7	6.15	28.7	6.00	26.7	5.87
	3.0	2.2	30.2	6.21	30.2	6.05	30.0	5.90	29.7	5.77	28.8	5.66	26.7	5.54
	5.0	4.1	30.6	5.37	30.5	5.22	30.1	5.10	29.1	4.99	28.2	4.91	26.2	4.81
	7.0	6	30.7	5.00	30.5	4.86	29.3	4.76	28.4	4.67	27.5	4.63	25.5	4.55
	9.0	7.9	29.8	4.57	29.4	4.44	28.3	4.36	27.3	4.27	26.5	4.23	24.6	4.16
	11.0	9.8	28.2	4.19	27.8	4.08	26.7	4.00	25.8	3.92	25.0	3.89	23.2	3.82
	13.0	11.8	26.5	3.77	26.1	3.67	25.1	3.59	24.3	3.52	23.5	3.49	21.8	3.43
	15.0	13.7	25.0	3.40	24.7	3.30	23.7	3.24	22.9	3.18	22.2	3.15	20.7	3.09
110	-24.8	-25	15.4	7.43	15.4	7.50	15.3	7.56	15.3	7.66	15.3	7.73	15.0	7.76
	-21.8	-22	18.8	7.53	18.8	7.60	18.7	7.66	18.7	7.76	18.7	7.82	18.3	7.86
	-19.8	-20	19.8	7.60	19.8	7.66	19.7	7.72	19.7	7.82	19.7	7.89	19.3	7.92
	-18.8	-19	20.3	7.63	20.3	7.69	20.2	7.76	20.2	7.85	20.2	7.92	19.7	7.80
	-16.7	-17	21.3	7.70	21.3	7.76	21.1	7.82	21.1	7.92	21.1	7.68	20.7	7.56
	-13.7	-15	22.7	7.79	22.7	7.86	22.5	7.92	22.5	7.55	22.5	7.33	22.5	7.21
	-11.8	-13	23.4	7.86	23.4	7.92	23.3	7.66	23.3	7.32	23.3	7.11	23.3	6.98
	-9.8	-11	24.2	7.92	24.2	7.62	24.0	7.38	24.0	7.07	24.0	6.88	24.0	6.75
	-9.5	-10	24.3	7.87	24.3	7.58	24.2	7.34	24.2	7.03	24.2	6.84	24.0	6.71
	-8.5	-9.1	24.8	7.71	24.8	7.43	24.6	7.20	24.6	6.91	24.6	6.73	24.0	6.59
	-7.0	-7.6	25.5	7.47	25.5	7.20	25.3	6.99	25.3	6.72	25.3	6.55	24.0	6.42
	-5.0	-5.6	26.4	7.14	26.4	6.90	26.2	6.72	26.2	6.47	25.8	6.32	24.0	6.18
	-3.0	-3.7	27.3	6.82	27.3	6.61	27.1	6.44	26.7	6.23	25.8	6.09	24.0	5.95
	0.0	-0.7	28.7	6.33	28.7	6.16	27.6	6.02	26.7	5.86	25.8	5.74	24.0	5.60
	3.0	2.2	30.1	5.84	29.4	5.71	27.6	5.61	26.7	5.49	25.8	5.39	24.0	5.24
	5.0	4.1	30.4	5.01	28.8	4.91	27.0	4.83	26.1	4.74	25.2	4.66	23.6	4.52
	7.0	6	29.7	4.62	28.0	4.55	26.3	4.50	25.5	4.44	24.6	4.39	23.0	4.25
	9.0	7.9	28.6	4.20	27.0	4.14	25.4	4.09	24.5	4.04	23.7	3.99	22.1	3.87
	11.0	9.8	27.0	3.84	25.5	3.78	24.0	3.74	23.2	3.69	22.4	3.64	20.9	3.53
	13.0	11.8	25.4	3.42	24.0	3.37	22.5	3.33	21.8	3.29	21.0	3.25	19.6	3.15
	15.0	13.7	24.0	3.06	22.7	3.02	21.3	2.98	20.6	2.95	19.9	2.91	18.6	2.82

7. Capacity Tables

Heating Capacity (8HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	15.4	8.23	15.4	8.19	15.3	7.60	15.3	8.09	15.3	8.05	15.0	8.03
	-21.8	-22	18.7	8.17	18.7	8.13	18.6	7.84	18.6	8.03	18.6	8.10	18.2	7.96
	-19.8	-20	19.7	8.13	19.7	8.09	19.6	7.99	19.6	7.99	19.6	7.98	19.2	7.92
	-18.8	-19	20.2	8.11	20.1	8.07	20.1	8.03	20.1	7.97	20.1	7.92	19.7	7.78
	-16.7	-17	21.0	8.06	21.0	8.02	21.0	8.10	20.9	7.92	20.9	7.63	20.5	7.49
	-13.7	-15	22.6	8.00	22.6	7.96	22.4	7.92	22.4	7.50	22.4	7.22	22.0	7.08
	-11.8	-13	23.3	7.96	23.2	7.92	23.2	7.63	23.2	7.23	23.2	6.96	22.0	6.81
	-9.8	-11	24.0	7.92	24.0	7.60	23.9	7.33	23.9	6.95	23.6	6.68	22.0	6.54
	-9.5	-10	24.2	7.87	24.2	7.55	24.1	7.28	24.1	6.90	23.6	6.64	22.0	6.49
	-8.5	-9.1	24.6	7.70	24.6	7.38	24.5	7.13	24.4	6.76	23.6	6.51	22.0	6.36
	-7.0	-7.6	25.8	7.44	25.6	7.14	25.2	6.90	24.4	6.55	23.6	6.30	22.0	6.15
	-5.0	-5.6	26.9	7.09	26.6	6.82	25.2	6.60	24.4	6.27	23.6	6.02	22.0	5.87
	-3.0	-3.7	27.7	6.75	26.8	6.49	25.2	6.30	24.4	5.99	23.6	5.75	22.0	5.59
	0.0	-0.7	28.4	6.23	26.8	6.00	25.2	5.84	24.4	5.56	23.6	5.34	22.0	5.18
	3.0	2.2	28.4	5.71	26.8	5.51	25.2	5.39	24.4	5.14	23.6	4.93	22.0	4.76
	5.0	4.1	27.9	4.88	26.3	4.71	24.7	4.61	23.9	4.39	23.1	4.21	21.5	4.06
	7.0	6	27.1	4.47	25.6	4.33	24.1	4.25	23.3	4.07	22.5	3.89	21.0	3.75
	9.0	7.9	26.2	4.04	24.7	3.91	23.2	3.84	22.4	3.67	21.7	3.52	20.2	3.38
	11.0	9.8	24.7	3.65	23.3	3.54	21.9	3.48	21.2	3.33	20.5	3.18	19.1	3.06
	13.0	11.8	23.2	3.22	21.9	3.12	20.6	3.07	19.9	2.94	19.3	2.81	18.0	2.70
	15.0	13.7	22.0	2.85	20.7	2.76	19.5	2.71	18.9	2.59	18.2	2.48	17.0	2.38
90	-24.8	-25	15.3	7.31	15.3	7.41	15.2	7.48	15.2	7.51	15.2	7.58	14.9	7.68
	-21.8	-22	18.6	7.41	18.6	7.51	18.5	7.58	18.5	7.61	18.5	7.68	18.1	7.31
	-19.8	-20	19.7	7.48	19.7	7.57	19.5	7.64	19.5	7.68	19.5	7.42	19.1	7.07
	-18.8	-19	20.2	7.51	20.1	7.61	20.0	7.68	20.0	7.54	20.0	7.30	19.6	6.95
	-16.7	-17	21.0	7.58	21.0	7.68	21.0	7.40	21.0	7.27	21.0	7.03	20.1	6.69
	-13.7	-15	22.6	7.68	22.6	7.27	22.3	7.01	22.3	6.88	21.6	6.66	20.1	6.33
	-11.8	-13	23.3	7.39	23.2	7.01	23.1	6.77	22.3	6.63	21.6	6.42	20.1	6.10
	-9.8	-11	24.0	7.09	24.0	6.74	23.1	6.51	22.3	6.37	21.6	6.17	20.1	5.86
	-9.5	-10	24.2	7.05	24.2	6.69	23.1	6.47	22.3	6.33	21.6	6.13	20.1	5.82
	-8.5	-9.1	24.6	6.90	24.5	6.56	23.1	6.34	22.3	6.20	21.6	6.00	20.1	5.70
	-7.0	-7.6	25.8	6.68	24.5	6.35	23.1	6.14	22.3	6.01	21.6	5.82	20.1	5.52
	-5.0	-5.6	26.0	6.38	24.5	6.08	23.1	5.89	22.3	5.75	21.6	5.56	20.1	5.28
	-3.0	-3.7	26.0	6.08	24.5	5.81	23.1	5.63	22.3	5.49	21.6	5.31	20.1	5.04
	0.0	-0.7	26.0	5.63	24.5	5.40	23.1	5.24	22.3	5.09	21.6	4.94	20.1	4.67
	3.0	2.2	26.0	5.19	24.5	4.99	23.1	4.85	22.3	4.70	21.6	4.56	20.1	4.31
	5.0	4.1	25.5	4.43	24.0	4.27	22.6	4.15	21.9	4.02	21.2	3.89	19.7	3.67
	7.0	6	24.9	4.08	23.4	3.96	22.0	3.85	21.3	3.72	20.6	3.61	19.2	3.40
	9.0	7.9	23.9	3.69	22.5	3.57	21.2	3.48	20.6	3.36	19.9	3.26	18.5	3.07
	11.0	9.8	22.6	3.31	21.3	3.20	20.1	3.12	19.4	3.01	18.8	2.92	17.5	2.76
	13.0	11.8	21.3	2.86	20.0	2.77	18.8	2.70	18.3	2.60	17.7	2.53	16.4	2.38
	15.0	13.7	20.1	2.50	18.9	2.42	17.8	2.35	17.3	2.27	16.7	2.21	15.5	2.08
80	-24.8	-25	15.2	6.44	15.2	6.54	15.1	6.61	15.1	6.64	15.1	6.81	14.8	6.49
	-21.8	-22	18.4	6.54	18.4	6.64	18.4	6.71	18.4	6.81	18.4	6.49	17.9	6.18
	-19.8	-20	19.4	6.61	19.4	6.70	19.4	6.81	19.4	6.58	19.3	6.27	17.9	5.98
	-18.8	-19	19.9	6.64	19.9	6.81	19.9	6.69	19.9	6.46	19.3	6.17	17.9	5.88
	-16.7	-17	20.6	6.81	20.6	6.56	20.6	6.44	20.0	6.23	19.3	5.94	17.9	5.66
	-13.7	-15	21.6	6.44	21.1	6.21	20.6	6.10	20.0	5.88	19.3	5.62	17.9	5.36
	-11.8	-13	22.1	6.21	21.5	5.99	20.6	5.87	20.0	5.67	19.3	5.42	17.9	5.17
	-9.8	-11	22.7	5.96	21.8	5.76	20.6	5.64	20.0	5.44	19.3	5.21	17.9	4.96
	-9.5	-10	22.8	5.93	21.9	5.72	20.6	5.61	20.0	5.41	19.3	5.17	17.9	4.93
	-8.5	-9.1	23.1	5.80	22.0	5.60	20.6	5.49	20.0	5.29	19.3	5.07	17.9	4.83
	-7.0	-7.6	23.3	5.62	22.0	5.43	20.6	5.31	20.0	5.12	19.3	4.91	17.9	4.68
	-5.0	-5.6	23.3	5.38	22.0	5.20	20.6	5.08	20.0	4.90	19.3	4.69	17.9	4.48
	-3.0	-3.7	23.3	5.13	22.0	4.96	20.6	4.85	20.0	4.67	19.3	4.48	17.9	4.27
	0.0	-0.7	23.3	4.76	22.0	4.61	20.6	4.50	20.0	4.33	19.3	4.16	17.9	3.97
	3.0	2.2	23.3	4.40	22.0	4.26	20.6	4.15	20.0	3.99	19.3	3.84	17.9	3.67
	5.0	4.1	22.8	3.76	21.5	3.64	20.2	3.54	19.6	3.40	18.9	3.28	17.6	3.13
	7.0	6	22.3	3.48	21.0	3.38	19.7	3.28	19.1	3.14	18.4	3.04	17.1	2.90
	9.0	7.9	21.4	3.05	20.2	2.96	19.0	2.89	18.4	2.78	17.7	2.68	16.5	2.55
	11.0	9.8	20.3	2.65	19.1	2.57	17.9	2.51	17.4	2.42	16.8	2.33	15.6	2.22
	13.0	11.8	19.0	2.24	17.9	2.17	16.9	2.12	16.3	2.04	15.8	1.97	14.7	1.87
	15.0	13.7	18.0	1.95	17.0	1.90	15.9	1.85	15.5	1.78	14.9	1.72	13.9	1.64

7. Capacity Tables

Heating Capacity (8HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	15.2	6.45	15.2	6.48	15.1	6.55	15.1	6.65	15.1	6.30	14.8	5.99
	-21.8	-22	17.7	6.55	17.7	6.58	17.6	6.65	17.0	6.30	16.5	5.99	15.4	5.68
	-19.8	-20	19.3	6.61	18.7	6.65	17.6	6.40	17.0	6.08	16.5	5.77	15.4	5.48
	-18.8	-19	19.8	6.65	18.7	6.52	17.6	6.28	17.0	5.96	16.5	5.67	15.4	5.37
	-16.7	-17	19.8	6.38	18.7	6.26	17.6	6.03	17.0	5.72	16.5	5.44	15.4	5.16
	-13.7	-15	19.8	6.01	18.7	5.88	17.6	5.67	17.0	5.38	16.5	5.12	15.4	4.86
	-11.8	-13	19.8	5.77	18.7	5.64	17.6	5.44	17.0	5.16	16.5	4.92	15.4	4.66
	-9.8	-11	19.8	5.52	18.7	5.39	17.6	5.19	17.0	4.93	16.5	4.71	15.4	4.46
	-9.5	-10	19.8	5.48	18.7	5.35	17.6	5.16	17.0	4.90	16.5	4.68	15.4	4.43
	-8.5	-9.1	19.8	5.35	18.7	5.22	17.6	5.04	17.0	4.79	16.5	4.57	15.4	4.33
	-7.0	-7.6	19.8	5.16	18.7	5.03	17.6	4.85	17.0	4.61	16.5	4.41	15.4	4.17
	-5.0	-5.6	19.8	4.91	18.7	4.78	17.6	4.61	17.0	4.39	16.5	4.20	15.4	3.97
	-3.0	-3.7	19.8	4.66	18.7	4.53	17.6	4.37	17.0	4.16	16.5	3.99	15.4	3.77
	0.0	-0.7	19.8	4.28	18.7	4.15	17.6	4.01	17.0	3.81	16.5	3.67	15.4	3.46
	3.0	2.2	19.8	3.91	18.7	3.77	17.6	3.64	17.0	3.47	16.5	3.35	15.4	3.16
	5.0	4.1	19.8	3.38	18.3	3.19	17.2	3.08	16.6	2.93	16.1	2.84	15.0	2.67
	7.0	6	19.8	3.18	17.8	2.91	16.8	2.81	16.2	2.68	15.7	2.60	14.7	2.45
	9.0	7.9	19.1	2.70	17.2	2.47	16.2	2.39	15.6	2.28	15.1	2.21	14.1	2.08
	11.0	9.8	18.0	2.34	16.2	2.14	15.3	2.07	14.8	1.97	14.3	1.91	13.4	1.80
	13.0	11.8	16.9	2.00	15.2	1.83	14.3	1.76	13.9	1.68	13.4	1.63	12.5	1.54
	15.0	13.7	16.0	1.72	14.4	1.57	13.6	1.52	13.1	1.45	12.7	1.41	11.9	1.32
60	-24.8	-25	15.1	6.39	15.1	6.45	15.1	6.55	14.5	6.19	14.0	5.85	13.1	5.53
	-21.8	-22	16.2	6.48	16.1	6.55	15.1	6.19	14.5	5.85	14.0	5.53	13.1	5.23
	-19.8	-20	17.0	6.55	16.1	6.29	15.1	5.94	14.5	5.62	14.0	5.32	13.1	5.02
	-18.8	-19	17.0	6.42	16.1	6.16	15.1	5.82	14.5	5.51	14.0	5.21	13.1	4.92
	-16.7	-17	17.0	6.14	16.1	5.89	15.1	5.57	14.5	5.27	14.0	4.99	13.1	4.71
	-13.7	-15	17.0	5.75	16.1	5.50	15.1	5.20	14.5	4.93	14.0	4.67	13.1	4.41
	-11.8	-13	17.0	5.50	16.1	5.26	15.1	4.97	14.5	4.72	14.0	4.47	13.1	4.21
	-9.8	-11	17.0	5.23	16.1	5.00	15.1	4.73	14.5	4.49	14.0	4.26	13.1	4.01
	-9.5	-10	17.0	5.19	16.1	4.96	15.1	4.70	14.5	4.46	14.0	4.23	13.1	3.98
	-8.5	-9.1	17.0	5.06	16.1	4.83	15.1	4.57	14.5	4.34	14.0	4.12	13.1	3.88
	-7.0	-7.6	17.0	4.86	16.1	4.64	15.1	4.39	14.5	4.17	14.0	3.97	13.1	3.73
	-5.0	-5.6	17.0	4.60	16.1	4.38	15.1	4.15	14.5	3.95	14.0	3.75	13.1	3.53
	-3.0	-3.7	17.0	4.34	16.1	4.12	15.1	3.91	14.5	3.72	14.0	3.54	13.1	3.32
	0.0	-0.7	17.0	3.94	16.1	3.73	15.1	3.54	14.5	3.38	14.0	3.23	13.1	3.02
	3.0	2.2	17.0	3.55	16.1	3.35	15.1	3.18	14.5	3.04	14.0	2.91	13.1	2.72
	5.0	4.1	16.6	2.98	15.7	2.80	14.7	2.66	14.3	2.55	13.8	2.44	12.9	2.28
	7.0	6	16.2	2.69	15.3	2.52	14.4	2.40	13.9	2.31	13.4	2.21	12.6	2.06
	9.0	7.9	15.6	2.26	14.8	2.11	13.8	2.02	13.4	1.94	12.9	1.86	12.1	1.73
	11.0	9.8	14.8	1.96	14.0	1.83	13.1	1.75	12.7	1.68	12.2	1.61	11.4	1.50
	13.0	11.8	13.9	1.67	13.1	1.56	12.3	1.49	11.9	1.43	11.5	1.37	10.7	1.28
	15.0	13.7	13.1	1.45	12.4	1.36	11.6	1.28	11.2	1.23	10.9	1.18	10.2	1.11
50	-24.8	-25	14.1	5.55	13.3	5.65	12.5	5.33	12.1	5.04	11.7	4.76	10.9	4.50
	-21.8	-22	14.1	5.65	13.3	5.33	12.5	5.04	12.1	4.76	11.7	4.50	10.9	4.25
	-19.8	-20	14.1	5.43	13.3	5.12	12.5	4.84	12.1	4.57	11.7	4.33	10.9	4.09
	-18.8	-19	14.1	5.32	13.3	5.01	12.5	4.74	12.1	4.48	11.7	4.24	10.9	4.01
	-16.7	-17	14.1	5.08	13.3	4.79	12.5	4.53	12.1	4.28	11.7	4.06	10.9	3.83
	-13.7	-15	14.1	4.75	13.3	4.47	12.5	4.24	12.1	4.01	11.7	3.80	10.9	3.59
	-11.8	-13	14.1	4.53	13.3	4.27	12.5	4.05	12.1	3.83	11.7	3.64	10.9	3.43
	-9.8	-11	14.1	4.31	13.3	4.06	12.5	3.85	12.1	3.65	11.7	3.47	10.9	3.27
	-9.5	-10	14.1	4.28	13.3	4.03	12.5	3.82	12.1	3.62	11.7	3.44	10.9	3.24
	-8.5	-9.1	14.1	4.17	13.3	3.92	12.5	3.72	12.1	3.52	11.7	3.36	10.9	3.16
	-7.0	-7.6	14.1	4.00	13.3	3.76	12.5	3.58	12.1	3.39	11.7	3.23	10.9	3.04
	-5.0	-5.6	14.1	3.77	13.3	3.55	12.5	3.38	12.1	3.20	11.7	3.05	10.9	2.87
	-3.0	-3.7	14.1	3.55	13.3	3.34	12.5	3.18	12.1	3.01	11.7	2.88	10.9	2.71
	0.0	-0.7	14.1	3.22	13.3	3.02	12.5	2.89	12.1	2.74	11.7	2.62	10.9	2.46
	3.0	2.2	14.1	2.88	13.3	2.70	12.5	2.59	12.1	2.46	11.7	2.37	10.9	2.22
	5.0	4.1	13.9	2.41	13.1	2.26	12.3	2.17	11.9	2.06	11.5	1.99	10.7	1.86
	7.0	6	13.5	2.17	12.7	2.03	12.0	1.96	11.6	1.86	11.2	1.80	10.4	1.68
	9.0	7.9	13.0	1.84	12.3	1.72	11.5	1.66	11.2	1.58	10.8	1.53	10.1	1.43
	11.0	9.8	12.4	1.61	11.7	1.51	11.0	1.45	10.6	1.38	10.2	1.34	9.5	1.25
	13.0	11.8	11.6	1.36	10.9	1.27	10.2	1.23	9.9	1.17	9.6	1.13	8.9	1.06
	15.0	13.7	10.9	1.19	10.3	1.11	9.7	1.07	9.4	1.02	9.1	0.99	8.5	0.92

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM100LTE5

Heating Capacity (10HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	20.4	9.67	20.4	9.77	20.2	9.86	20.2	9.99	20.2	10.11	19.7	10.31
	-21.8	-22	24.7	9.87	24.7	9.97	24.6	10.05	24.6	10.18	24.6	10.31	24.0	10.50
	-19.8	-20	26.1	10.00	26.1	10.10	25.9	10.18	25.9	10.31	25.9	10.44	25.3	10.63
	-18.8	-19	26.6	10.07	26.6	10.16	26.4	10.25	26.4	10.38	26.4	10.50	25.7	10.70
	-16.7	-17	27.5	10.20	27.5	10.30	27.3	10.39	27.3	10.52	27.3	10.64	26.6	10.84
	-13.7	-15	28.8	10.40	28.8	10.50	28.7	10.58	28.7	10.71	28.7	10.84	27.9	10.27
	-11.8	-13	29.7	10.52	29.7	10.62	29.5	10.71	29.5	10.84	29.5	10.44	28.8	9.90
	-9.8	-11	30.5	10.65	30.5	10.75	30.3	10.84	30.3	10.40	30.3	10.02	29.6	9.52
	-9.5	-10	30.7	10.67	30.7	10.77	30.5	10.77	30.5	10.33	30.5	9.96	29.8	9.47
	-8.5	-9.1	31.3	10.74	31.3	10.84	31.1	10.53	31.1	10.11	30.9	9.75	30.2	9.28
	-7.0	-7.6	32.2	10.84	32.2	10.48	32.0	10.18	32.0	9.79	32.0	9.44	30.8	8.99
	-5.0	-5.6	33.4	10.34	33.4	10.00	33.2	9.72	33.2	9.35	33.2	9.02	31.7	8.61
	-3.0	-3.7	34.7	9.85	34.7	9.52	34.4	9.25	34.4	8.91	34.4	8.61	32.6	8.23
	0.0	-0.7	36.5	9.10	36.5	8.81	36.3	8.56	36.3	8.26	36.3	7.98	33.9	7.66
	3.0	2.2	38.3	8.36	38.3	8.09	38.1	7.86	38.1	7.60	38.1	7.36	35.2	7.09
	5.0	4.1	38.8	7.17	38.7	6.93	38.5	6.72	38.5	6.50	37.4	6.29	34.9	6.07
	7.0	6	39.0	6.56	38.9	6.35	38.7	6.16	37.8	5.98	36.5	5.81	34.0	5.63
	9.0	7.9	37.5	5.88	37.5	5.69	37.3	5.52	36.4	5.36	35.1	5.20	32.7	5.05
	11.0	9.8	35.5	5.27	35.4	5.10	35.3	4.96	34.4	4.81	33.2	4.67	30.9	4.53
	13.0	11.8	33.3	4.60	33.3	4.45	33.2	4.33	32.3	4.20	31.2	4.07	29.1	3.95
	15.0	13.7	31.5	4.00	31.5	3.88	31.4	3.76	30.6	3.65	29.5	3.54	27.5	3.44
120	-24.8	-25	20.2	9.77	20.2	9.86	20.1	9.99	20.1	10.11	20.1	10.31	19.6	10.44
	-21.8	-22	24.6	9.97	24.6	10.05	24.4	10.18	24.4	10.31	24.4	10.50	23.8	10.64
	-19.8	-20	25.9	10.10	25.9	10.18	25.8	10.31	25.8	10.44	25.8	10.63	25.1	10.77
	-18.8	-19	26.4	10.16	26.4	10.25	26.2	10.38	26.2	10.50	26.2	10.70	25.5	10.84
	-16.7	-17	27.3	10.30	27.3	10.39	27.1	10.52	27.1	10.64	27.1	10.84	26.4	10.47
	-13.7	-15	28.6	10.50	28.6	10.58	28.5	10.71	28.5	10.84	28.5	10.28	27.7	9.95
	-11.8	-13	29.5	10.62	29.5	10.71	29.3	10.84	29.3	10.44	29.3	9.93	28.6	9.61
	-9.8	-11	30.3	10.75	30.3	10.84	30.1	10.39	30.1	10.02	30.1	9.56	29.4	9.26
	-9.5	-10	30.5	10.77	30.5	10.76	30.3	10.32	30.3	9.96	30.3	9.50	29.5	9.21
	-8.5	-9.1	31.1	10.84	31.1	10.52	30.9	10.10	30.9	9.75	30.8	9.32	30.0	9.04
	-7.0	-7.6	32.0	10.46	32.0	10.16	31.8	9.76	31.8	9.43	31.4	9.04	30.6	8.77
	-5.0	-5.6	33.2	9.96	33.2	9.67	33.0	9.32	33.0	9.02	33.0	8.67	31.5	8.42
	-3.0	-3.7	34.4	9.46	34.4	9.19	34.2	8.87	34.2	8.60	34.2	8.30	32.3	8.07
	0.0	-0.7	36.2	8.71	36.2	8.46	36.0	8.20	36.0	7.97	35.8	7.74	33.4	7.55
	3.0	2.2	38.0	7.95	38.0	7.73	37.8	7.53	37.1	7.34	35.8	7.18	33.4	7.03
	5.0	4.1	38.6	6.79	38.5	6.59	37.6	6.43	36.4	6.28	35.2	6.16	32.7	6.03
	7.0	6	38.7	6.19	38.2	6.02	36.7	5.90	35.4	5.79	34.3	5.73	31.9	5.63
	9.0	7.9	37.3	5.54	36.8	5.39	35.3	5.29	34.1	5.19	33.1	5.14	30.7	5.04
	11.0	9.8	35.2	4.97	34.8	4.84	33.4	4.74	32.3	4.65	31.3	4.61	29.1	4.52
	13.0	11.8	33.1	4.34	32.6	4.22	31.4	4.13	30.3	4.06	29.4	4.02	27.3	3.95
	15.0	13.7	31.3	3.77	30.9	3.67	29.7	3.59	28.7	3.53	27.8	3.49	25.8	3.43
110	-24.8	-25	20.1	9.86	20.1	9.99	20.0	10.11	20.0	10.31	20.0	10.44	19.5	10.51
	-21.8	-22	24.4	10.05	24.4	10.18	24.3	10.31	24.3	10.50	24.3	10.64	23.7	10.71
	-19.8	-20	25.8	10.18	25.8	10.31	25.6	10.44	25.6	10.63	25.6	10.77	25.0	10.84
	-18.8	-19	26.2	10.25	26.2	10.38	26.1	10.50	26.1	10.70	26.1	10.84	25.4	10.65
	-16.7	-17	27.2	10.39	27.2	10.52	27.0	10.64	27.0	10.84	27.0	10.45	26.3	10.27
	-13.7	-15	28.5	10.58	28.5	10.71	28.3	10.84	28.3	10.25	28.3	9.90	28.3	9.72
	-11.8	-13	29.3	10.71	29.3	10.84	29.1	10.42	29.1	9.87	29.1	9.55	29.1	9.37
	-9.8	-11	30.1	10.84	30.1	10.36	30.0	9.97	30.0	9.48	30.0	9.18	29.4	9.00
	-9.5	-10	30.3	10.76	30.3	10.28	30.1	9.91	30.1	9.42	30.1	9.13	29.8	8.94
	-8.5	-9.1	30.9	10.50	30.9	10.05	30.7	9.69	30.7	9.23	30.7	8.95	30.1	8.76
	-7.0	-7.6	31.8	10.10	31.8	9.69	31.6	9.35	31.6	8.93	31.6	8.67	30.1	8.49
	-5.0	-5.6	33.0	9.58	33.0	9.21	32.8	8.91	32.8	8.54	32.2	8.30	30.1	8.12
	-3.0	-3.7	34.2	9.05	34.2	8.73	34.0	8.47	33.3	8.15	32.2	7.94	30.1	7.75
	0.0	-0.7	36.0	8.26	36.0	8.01	34.4	7.81	33.3	7.56	32.2	7.39	30.1	7.20
	3.0	2.2	37.8	7.48	36.7	7.29	34.4	7.14	33.3	6.97	32.2	6.84	30.1	6.65
	5.0	4.1	38.1	6.33	36.0	6.19	33.8	6.08	32.7	5.95	31.5	5.85	29.5	5.68
	7.0	6	37.1	5.72	35.0	5.63	32.9	5.57	31.8	5.50	30.7	5.43	28.7	5.26
	9.0	7.9	35.7	5.10	33.8	5.03	31.7	4.97	30.7	4.91	29.6	4.85	27.7	4.70
	11.0	9.8	33.8	4.55	31.9	4.48	30.0	4.43	29.0	4.38	28.0	4.32	26.2	4.19
	13.0	11.8	31.7	3.95	30.0	3.89	28.1	3.84	27.2	3.80	26.3	3.75	24.6	3.63
	15.0	13.7	30.0	3.40	28.4	3.35	26.6	3.32	25.8	3.28	24.9	3.23	23.2	3.13

7. Capacity Tables

Heating Capacity (10HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	20.0	10.27	20.0	10.34	19.9	10.06	19.9	10.53	19.9	10.61	19.4	10.65
	-21.8	-22	24.3	10.38	24.3	10.46	24.2	10.37	24.2	10.64	24.2	10.78	23.6	10.76
	-19.8	-20	25.7	10.46	25.7	10.53	25.5	10.58	25.5	10.72	25.5	10.82	24.9	10.84
	-18.8	-19	26.1	10.49	25.9	10.57	25.9	10.64	25.9	10.76	25.9	10.84	25.3	10.63
	-16.7	-17	26.9	10.57	26.9	10.65	26.9	10.78	26.7	10.84	26.7	10.40	26.0	10.19
	-13.7	-15	28.3	10.69	28.3	10.76	28.2	10.84	28.2	10.18	28.2	9.77	27.5	9.56
	-11.8	-13	29.1	10.76	29.0	10.84	29.0	10.39	29.0	9.77	29.0	9.37	27.5	9.16
	-9.8	-11	30.0	10.84	30.0	10.32	29.8	9.91	29.8	9.33	29.5	8.95	27.5	8.74
	-9.5	-10	30.2	10.75	30.2	10.25	30.0	9.84	30.0	9.26	29.5	8.88	27.5	8.67
	-8.5	-9.1	30.8	10.48	30.8	9.99	30.6	9.60	30.5	9.05	29.5	8.67	27.5	8.46
	-7.0	-7.6	32.2	10.07	32.0	9.61	31.5	9.25	30.5	8.72	29.5	8.36	27.5	8.15
	-5.0	-5.6	33.6	9.52	33.3	9.10	31.5	8.77	30.5	8.28	29.5	7.94	27.5	7.73
	-3.0	-3.7	34.6	8.97	33.5	8.58	31.5	8.30	30.5	7.85	29.5	7.52	27.5	7.31
	0.0	-0.7	35.5	8.14	33.5	7.82	31.5	7.58	30.5	7.19	29.5	6.89	27.5	6.68
	3.0	2.2	35.5	7.32	33.5	7.05	31.5	6.87	30.5	6.54	29.5	6.26	27.5	6.05
	5.0	4.1	34.8	6.17	32.8	5.94	30.9	5.81	29.9	5.53	28.9	5.29	26.9	5.10
	7.0	6	33.9	5.54	32.0	5.36	30.1	5.27	29.1	5.04	28.2	4.82	26.2	4.64
	9.0	7.9	32.7	4.79	30.8	4.64	29.0	4.56	28.1	4.37	27.1	4.18	25.3	4.02
	11.0	9.8	30.9	4.12	29.2	3.99	27.4	3.92	26.5	3.75	25.7	3.59	23.9	3.45
	13.0	11.8	29.0	3.39	27.4	3.29	25.7	3.23	24.9	3.09	24.1	2.96	22.4	2.84
	15.0	13.7	27.5	2.73	25.9	2.65	24.3	2.60	23.6	2.49	22.8	2.38	21.2	2.29
90	-24.8	-25	19.9	9.49	19.9	9.69	19.8	9.83	19.8	9.89	19.8	10.02	19.3	10.22
	-21.8	-22	24.2	9.69	24.2	9.89	24.1	10.02	24.1	10.09	24.1	10.22	23.5	9.70
	-19.8	-20	25.6	9.82	25.6	10.02	25.4	10.15	25.4	10.22	25.4	9.86	24.8	9.36
	-18.8	-19	26.1	9.89	25.9	10.08	25.8	10.22	25.8	10.03	25.8	9.68	25.1	9.19
	-16.7	-17	26.9	10.02	26.9	10.22	26.8	9.82	26.8	9.64	26.8	9.30	25.1	8.82
	-13.7	-15	28.3	10.22	28.3	9.62	28.1	9.26	27.9	9.07	27.0	8.76	25.1	8.31
	-11.8	-13	29.1	9.80	29.0	9.25	28.8	8.90	27.9	8.72	27.0	8.42	25.1	7.98
	-9.8	-11	30.0	9.37	30.0	8.85	28.8	8.53	27.9	8.34	27.0	8.06	25.1	7.63
	-9.5	-10	30.2	9.30	30.2	8.79	28.8	8.47	27.9	8.28	27.0	8.00	25.1	7.58
	-8.5	-9.1	30.8	9.08	30.5	8.59	28.8	8.28	27.9	8.09	27.0	7.82	25.1	7.41
	-7.0	-7.6	32.2	8.75	30.6	8.29	28.8	8.00	27.9	7.81	27.0	7.55	25.1	7.15
	-5.0	-5.6	32.5	8.31	30.6	7.89	28.8	7.62	27.9	7.44	27.0	7.19	25.1	6.81
	-3.0	-3.7	32.5	7.88	30.6	7.50	28.8	7.24	27.9	7.06	27.0	6.83	25.1	6.46
	0.0	-0.7	32.5	7.22	30.6	6.90	28.8	6.68	27.9	6.50	27.0	6.29	25.1	5.94
	3.0	2.2	32.5	6.56	30.6	6.30	28.8	6.11	27.9	5.93	27.0	5.75	25.1	5.43
	5.0	4.1	31.9	5.56	30.0	5.35	28.2	5.19	27.4	5.03	26.5	4.87	24.6	4.59
	7.0	6	31.1	5.06	29.2	4.90	27.5	4.77	26.7	4.61	25.8	4.47	24.0	4.22
	9.0	7.9	29.9	4.38	28.2	4.25	26.5	4.13	25.7	3.99	24.9	3.87	23.1	3.65
	11.0	9.8	28.3	3.73	26.6	3.61	25.1	3.51	24.3	3.39	23.5	3.29	21.8	3.11
	13.0	11.8	26.6	3.01	25.0	2.92	23.5	2.84	22.8	2.74	22.1	2.66	20.5	2.51
	15.0	13.7	25.2	2.40	23.7	2.32	22.3	2.26	21.6	2.18	20.9	2.12	19.4	2.00
80	-24.8	-25	19.9	8.34	19.9	8.53	19.7	8.67	19.7	8.74	19.7	9.06	19.2	8.61
	-21.8	-22	24.0	8.53	24.0	8.73	24.0	8.87	24.0	9.06	24.0	8.61	22.4	8.18
	-19.8	-20	25.3	8.66	25.3	8.86	25.3	9.06	25.0	8.74	24.1	8.30	22.4	7.89
	-18.8	-19	25.7	8.73	25.7	9.06	25.7	8.89	25.0	8.57	24.1	8.15	22.4	7.74
	-16.7	-17	25.8	9.06	25.8	8.71	25.8	8.54	25.0	8.23	24.1	7.83	22.4	7.44
	-13.7	-15	27.0	8.53	26.4	8.20	25.8	8.04	25.0	7.74	24.1	7.38	22.4	7.01
	-11.8	-13	27.8	8.19	27.0	7.88	25.8	7.72	25.0	7.43	24.1	7.09	22.4	6.74
	-9.8	-11	28.5	7.83	27.3	7.54	25.8	7.38	25.0	7.11	24.1	6.78	22.4	6.45
	-9.5	-10	28.7	7.78	27.4	7.49	25.8	7.33	25.0	7.06	24.1	6.74	22.4	6.41
	-8.5	-9.1	28.9	7.60	27.5	7.32	25.8	7.16	25.0	6.90	24.1	6.58	22.4	6.26
	-7.0	-7.6	29.1	7.33	27.5	7.07	25.8	6.91	25.0	6.65	24.1	6.36	22.4	6.05
	-5.0	-5.6	29.1	6.98	27.5	6.73	25.8	6.58	25.0	6.33	24.1	6.05	22.4	5.76
	-3.0	-3.7	29.1	6.62	27.5	6.39	25.8	6.24	25.0	6.00	24.1	5.75	22.4	5.47
	0.0	-0.7	29.1	6.09	27.5	5.88	25.8	5.74	25.0	5.51	24.1	5.29	22.4	5.04
	3.0	2.2	29.1	5.55	27.5	5.38	25.8	5.23	25.0	5.02	24.1	4.84	22.4	4.61
	5.0	4.1	28.6	4.71	26.9	4.56	25.3	4.43	24.5	4.25	23.6	4.10	22.0	3.91
	7.0	6	27.8	4.31	26.2	4.18	24.6	4.06	23.9	3.89	23.0	3.76	21.4	3.59
	9.0	7.9	26.8	3.59	25.3	3.49	23.7	3.41	23.0	3.29	22.2	3.17	20.6	3.02
	11.0	9.8	25.3	2.96	23.9	2.88	22.4	2.81	21.8	2.71	21.0	2.61	19.5	2.49
	13.0	11.8	23.8	2.33	22.4	2.27	21.1	2.22	20.4	2.14	19.7	2.06	18.3	1.96
	15.0	13.7	22.5	1.86	21.2	1.81	19.9	1.77	19.3	1.70	18.6	1.64	17.3	1.56

7. Capacity Tables

Heating Capacity (10HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	19.9	8.46	19.9	8.52	19.7	8.65	19.7	8.85	19.7	8.37	19.2	7.92
	-21.8	-22	22.1	8.65	22.1	8.72	21.9	8.85	21.2	8.37	20.6	7.92	19.2	7.49
	-19.8	-20	23.6	8.79	23.3	8.85	21.9	8.51	21.2	8.05	20.6	7.62	19.2	7.21
	-18.8	-19	24.3	8.85	23.3	8.67	21.9	8.34	21.2	7.89	20.6	7.47	19.2	7.07
	-16.7	-17	24.7	8.47	23.3	8.29	21.9	7.98	21.2	7.55	20.6	7.16	19.2	6.77
	-13.7	-15	24.7	7.93	23.3	7.76	21.9	7.46	21.2	7.06	20.6	6.71	19.2	6.34
	-11.8	-13	24.7	7.59	23.3	7.42	21.9	7.14	21.2	6.76	20.6	6.43	19.2	6.07
	-9.8	-11	24.7	7.23	23.3	7.06	21.9	6.79	21.2	6.44	20.6	6.13	19.2	5.79
	-9.5	-10	24.7	7.18	23.3	7.00	21.9	6.74	21.2	6.39	20.6	6.08	19.2	5.75
	-8.5	-9.1	24.7	7.00	23.3	6.82	21.9	6.57	21.2	6.23	20.6	5.93	19.2	5.61
	-7.0	-7.6	24.7	6.73	23.3	6.56	21.9	6.31	21.2	5.99	20.6	5.71	19.2	5.39
	-5.0	-5.6	24.7	6.37	23.3	6.20	21.9	5.97	21.2	5.66	20.6	5.41	19.2	5.11
	-3.0	-3.7	24.7	6.01	23.3	5.84	21.9	5.63	21.2	5.34	20.6	5.11	19.2	4.82
	0.0	-0.7	24.7	5.47	23.3	5.30	21.9	5.11	21.2	4.86	20.6	4.67	19.2	4.40
	3.0	2.2	24.7	4.93	23.3	4.76	21.9	4.60	21.2	4.38	20.6	4.22	19.2	3.97
	5.0	4.1	24.7	4.23	22.9	3.99	21.5	3.85	20.8	3.67	20.2	3.55	18.8	3.34
	7.0	6	24.7	3.94	22.3	3.60	21.0	3.48	20.2	3.32	19.6	3.22	18.3	3.03
	9.0	7.9	23.8	3.21	21.5	2.93	20.2	2.83	19.5	2.71	18.9	2.62	17.7	2.47
	11.0	9.8	22.5	2.64	20.3	2.41	19.1	2.33	18.4	2.22	17.9	2.16	16.7	2.03
	13.0	11.8	21.2	2.10	19.1	1.92	17.9	1.86	17.3	1.77	16.8	1.72	15.7	1.62
	15.0	13.7	20.0	1.65	18.0	1.51	17.0	1.46	16.4	1.39	15.9	1.35	14.8	1.27
60	-24.8	-25	18.9	8.33	18.9	8.46	18.8	8.65	18.2	8.15	17.6	7.69	16.4	7.25
	-21.8	-22	20.3	8.52	20.1	8.65	18.8	8.15	18.2	7.69	17.6	7.25	16.4	6.84
	-19.8	-20	21.2	8.65	20.1	8.30	18.8	7.82	18.2	7.38	17.6	6.96	16.4	6.56
	-18.8	-19	21.2	8.47	20.1	8.12	18.8	7.65	18.2	7.22	17.6	6.82	16.4	6.42
	-16.7	-17	21.2	8.09	20.1	7.74	18.8	7.30	18.2	6.89	17.6	6.51	16.4	6.13
	-13.7	-15	21.2	7.54	20.1	7.21	18.8	6.80	18.2	6.43	17.6	6.08	16.4	5.72
	-11.8	-13	21.2	7.19	20.1	6.87	18.8	6.48	18.2	6.13	17.6	5.80	16.4	5.46
	-9.8	-11	21.2	6.82	20.1	6.51	18.8	6.15	18.2	5.82	17.6	5.51	16.4	5.18
	-9.5	-10	21.2	6.77	20.1	6.45	18.8	6.10	18.2	5.77	17.6	5.47	16.4	5.14
	-8.5	-9.1	21.2	6.58	20.1	6.28	18.8	5.93	18.2	5.62	17.6	5.32	16.4	5.00
	-7.0	-7.6	21.2	6.31	20.1	6.01	18.8	5.68	18.2	5.39	17.6	5.11	16.4	4.80
	-5.0	-5.6	21.2	5.94	20.1	5.65	18.8	5.35	18.2	5.08	17.6	4.82	16.4	4.52
	-3.0	-3.7	21.2	5.57	20.1	5.29	18.8	5.01	18.2	4.76	17.6	4.53	16.4	4.24
	0.0	-0.7	21.2	5.02	20.1	4.76	18.8	4.51	18.2	4.30	17.6	4.09	16.4	3.83
	3.0	2.2	21.2	4.47	20.1	4.22	18.8	4.01	18.2	3.83	17.6	3.66	16.4	3.42
	5.0	4.1	20.8	3.73	19.7	3.50	18.4	3.33	17.8	3.19	17.2	3.05	16.1	2.84
	7.0	6	20.2	3.33	19.2	3.12	18.0	2.97	17.4	2.86	16.8	2.74	15.7	2.55
	9.0	7.9	19.5	2.68	18.5	2.51	17.3	2.39	16.7	2.30	16.2	2.21	15.1	2.05
	11.0	9.8	18.4	2.20	17.5	2.06	16.4	1.97	15.8	1.89	15.3	1.81	14.3	1.69
	13.0	11.8	17.3	1.76	16.4	1.64	15.4	1.57	14.9	1.51	14.3	1.45	13.4	1.34
	15.0	13.7	16.4	1.39	15.5	1.30	14.5	1.23	14.1	1.18	13.6	1.14	12.7	1.07
50	-24.8	-25	17.7	7.33	16.7	7.52	15.7	7.08	15.2	6.67	14.7	6.28	13.7	5.93
	-21.8	-22	17.7	7.52	16.7	7.08	15.7	6.67	15.2	6.28	14.7	5.93	13.7	5.59
	-19.8	-20	17.7	7.21	16.7	6.78	15.7	6.39	15.2	6.03	14.7	5.69	13.7	5.36
	-18.8	-19	17.7	7.05	16.7	6.64	15.7	6.26	15.2	5.90	14.7	5.57	13.7	5.25
	-16.7	-17	17.7	6.73	16.7	6.33	15.7	5.97	15.2	5.63	14.7	5.32	13.7	5.01
	-13.7	-15	17.7	6.26	16.7	5.88	15.7	5.56	15.2	5.24	14.7	4.96	13.7	4.67
	-11.8	-13	17.7	5.96	16.7	5.60	15.7	5.30	15.2	5.00	14.7	4.74	13.7	4.46
	-9.8	-11	17.7	5.65	16.7	5.31	15.7	5.02	15.2	4.74	14.7	4.50	13.7	4.23
	-9.5	-10	17.7	5.60	16.7	5.26	15.7	4.98	15.2	4.70	14.7	4.47	13.7	4.20
	-8.5	-9.1	17.7	5.44	16.7	5.11	15.7	4.85	15.2	4.58	14.7	4.35	13.7	4.09
	-7.0	-7.6	17.7	5.21	16.7	4.89	15.7	4.64	15.2	4.38	14.7	4.17	13.7	3.92
	-5.0	-5.6	17.7	4.89	16.7	4.60	15.7	4.37	15.2	4.13	14.7	3.93	13.7	3.69
	-3.0	-3.7	17.7	4.58	16.7	4.30	15.7	4.09	15.2	3.87	14.7	3.69	13.7	3.47
	0.0	-0.7	17.7	4.11	16.7	3.86	15.7	3.68	15.2	3.48	14.7	3.34	13.7	3.13
	3.0	2.2	17.7	3.64	16.7	3.42	15.7	3.27	15.2	3.10	14.7	2.98	13.7	2.79
	5.0	4.1	17.3	3.02	16.3	2.83	15.4	2.71	14.9	2.58	14.4	2.48	13.4	2.32
	7.0	6	16.9	2.68	15.9	2.51	15.0	2.42	14.5	2.30	14.0	2.23	13.1	2.08
	9.0	7.9	16.3	2.19	15.3	2.05	14.4	1.97	14.0	1.87	13.5	1.81	12.6	1.69
	11.0	9.8	15.5	1.82	14.6	1.70	13.7	1.64	13.2	1.56	12.8	1.51	11.9	1.41
	13.0	11.8	14.4	1.43	13.6	1.34	12.8	1.29	12.4	1.23	12.0	1.19	11.2	1.12
	15.0	13.7	13.7	1.14	12.9	1.07	12.1	1.03	11.7	0.98	11.3	0.95	10.6	0.88

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM120LTE5

Heating Capacity (12HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	23.9	11.43	23.9	11.64	23.8	11.83	23.8	12.11	23.8	12.39	23.7	12.82
	-21.8	-22	28.4	11.86	28.4	12.07	28.2	12.26	28.2	12.54	28.2	12.82	28.1	13.24
	-19.8	-20	29.6	12.14	29.6	12.36	29.4	12.54	29.4	12.83	29.4	13.10	29.3	13.53
	-18.8	-19	30.3	12.29	30.3	12.50	30.1	12.69	30.1	12.97	30.1	13.24	30.0	13.67
	-16.7	-17	31.8	12.59	31.8	12.80	31.6	12.99	31.6	13.27	31.6	13.54	31.4	13.97
	-13.7	-15	33.9	13.02	33.9	13.23	33.7	13.42	33.7	13.70	33.7	13.97	33.5	13.32
	-11.8	-13	35.0	13.29	35.0	13.50	34.8	13.69	34.8	13.97	34.8	13.53	34.8	12.91
	-9.8	-11	36.2	13.57	36.2	13.79	35.9	13.97	35.9	13.49	35.9	13.06	35.9	12.48
	-9.5	-10	36.4	13.62	36.4	13.83	36.2	13.90	36.2	13.41	36.1	12.99	36.1	12.41
	-8.5	-9.1	37.3	13.76	37.3	13.97	37.1	13.64	37.1	13.17	36.7	12.75	36.7	12.19
	-7.0	-7.6	38.7	13.97	38.7	13.58	38.4	13.26	38.4	12.80	38.4	12.40	38.2	11.87
	-5.0	-5.6	40.5	13.45	40.5	13.07	40.2	12.74	40.2	12.31	40.2	11.93	39.5	11.43
	-3.0	-3.7	42.3	12.92	42.3	12.55	42.0	12.23	42.0	11.82	42.0	11.46	40.9	11.00
	0.0	-0.7	44.9	12.13	44.9	11.77	44.7	11.46	44.7	11.09	44.7	10.75	42.7	10.35
	3.0	2.2	47.6	11.34	47.6	10.99	47.3	10.69	47.3	10.36	45.8	10.04	42.7	9.70
	5.0	4.1	48.0	9.84	47.9	9.52	47.7	9.24	46.5	8.95	44.9	8.67	41.8	8.38
	7.0	6	46.8	9.15	46.7	8.86	46.5	8.60	45.4	8.35	43.8	8.10	40.8	7.86
	9.0	7.9	45.0	8.35	44.9	8.08	44.8	7.84	43.7	7.61	42.2	7.39	39.3	7.17
	11.0	9.8	42.6	7.64	42.5	7.40	42.4	7.18	41.3	6.97	39.9	6.77	37.1	6.56
	13.0	11.8	40.0	6.84	39.9	6.62	39.8	6.43	38.8	6.24	37.5	6.06	34.9	5.87
	15.0	13.7	37.8	6.14	37.8	5.94	37.6	5.77	36.7	5.60	35.4	5.44	33.0	5.27
120	-24.8	-25	23.8	11.64	23.8	11.83	23.6	12.11	23.6	12.39	23.6	12.82	23.5	13.12
	-21.8	-22	28.2	12.07	28.2	12.26	28.0	12.54	28.0	12.82	28.0	13.24	27.9	13.54
	-19.8	-20	29.4	12.36	29.4	12.54	29.2	12.83	29.2	13.10	29.2	13.53	29.1	13.83
	-18.8	-19	30.1	12.50	30.1	12.69	29.9	12.97	29.9	13.24	29.9	13.67	29.8	13.97
	-16.7	-17	31.6	12.80	31.6	12.99	31.4	13.27	31.4	13.54	31.4	13.97	31.2	13.56
	-13.7	-15	33.6	13.23	33.6	13.42	33.4	13.70	33.4	13.97	33.4	13.34	33.3	12.96
	-11.8	-13	34.7	13.50	34.7	13.69	34.5	13.97	34.5	13.52	34.5	12.94	34.5	12.58
	-9.8	-11	35.9	13.79	35.9	13.97	35.7	13.47	35.7	13.05	35.7	12.52	35.7	12.18
	-9.5	-10	36.2	13.83	36.2	13.89	36.0	13.40	36.0	12.98	36.0	12.46	36.0	12.12
	-8.5	-9.1	37.1	13.97	37.1	13.62	36.8	13.14	36.8	12.74	36.8	12.25	36.8	11.92
	-7.0	-7.6	38.4	13.56	38.4	13.22	38.2	12.77	38.2	12.39	38.0	11.93	37.9	11.62
	-5.0	-5.6	40.2	13.01	40.2	12.68	39.9	12.27	39.9	11.91	39.9	11.51	39.3	11.22
	-3.0	-3.7	42.0	12.46	42.0	12.14	41.7	11.76	41.7	11.44	41.7	11.09	40.1	10.82
	0.0	-0.7	44.6	11.63	44.6	11.33	44.3	11.01	44.3	10.73	43.1	10.46	40.1	10.22
	3.0	2.2	47.3	10.80	47.3	10.52	46.1	10.26	44.5	10.02	43.1	9.83	40.1	9.63
	5.0	4.1	47.6	9.32	47.0	9.06	45.1	8.84	43.6	8.65	42.3	8.50	39.3	8.33
	7.0	6	46.4	8.63	45.8	8.40	44.0	8.23	42.5	8.08	41.2	8.00	38.3	7.86
	9.0	7.9	44.7	7.86	44.1	7.65	42.4	7.50	41.0	7.35	39.7	7.28	36.9	7.15
	11.0	9.8	42.3	7.19	41.7	6.99	40.1	6.85	38.7	6.72	37.5	6.66	34.9	6.54
	13.0	11.8	39.7	6.42	39.2	6.24	37.6	6.12	36.4	6.00	35.3	5.95	32.7	5.84
	15.0	13.7	37.6	5.75	37.1	5.59	35.6	5.48	34.4	5.38	33.4	5.33	31.0	5.23
110	-24.8	-25	23.6	11.83	23.6	12.11	23.5	12.39	23.5	12.82	23.5	13.12	23.4	13.26
	-21.8	-22	28.1	12.26	28.1	12.54	27.9	12.82	27.9	13.24	27.9	13.54	27.8	13.69
	-19.8	-20	29.2	12.54	29.2	12.83	29.1	13.10	29.1	13.53	29.1	13.83	28.9	13.97
	-18.8	-19	29.9	12.69	29.9	12.97	29.7	13.24	29.7	13.67	29.7	13.97	29.6	13.76
	-16.7	-17	31.4	12.99	31.4	13.27	31.2	13.54	31.2	13.97	31.2	13.53	31.0	13.31
	-13.7	-15	33.5	13.42	33.5	13.70	33.2	13.97	33.2	13.30	33.2	12.89	33.2	12.67
	-11.8	-13	34.6	13.69	34.6	13.97	34.3	13.49	34.3	12.87	34.3	12.49	34.3	12.27
	-9.8	-11	35.7	13.97	35.7	13.43	35.5	12.99	35.5	12.42	35.5	12.07	35.5	11.84
	-9.5	-10	36.0	13.88	36.0	13.34	35.8	12.91	35.8	12.35	35.8	12.01	35.8	11.77
	-8.5	-9.1	36.9	13.59	36.9	13.07	36.6	12.66	36.6	12.12	36.6	11.79	36.1	11.56
	-7.0	-7.6	38.2	13.14	38.2	12.66	38.0	12.28	38.0	11.78	38.0	11.48	36.1	11.24
	-5.0	-5.6	40.0	12.54	40.0	12.11	39.7	11.77	39.7	11.33	38.6	11.05	36.1	10.81
	-3.0	-3.7	41.7	11.95	41.7	11.57	41.3	11.26	40.0	10.88	38.6	10.63	36.1	10.39
	0.0	-0.7	44.4	11.05	44.0	10.75	41.3	10.50	40.0	10.20	38.6	10.00	36.1	9.75
	3.0	2.2	46.6	10.16	44.0	9.92	41.3	9.74	40.0	9.53	38.6	9.36	36.1	9.11
	5.0	4.1	45.7	8.69	43.2	8.51	40.5	8.37	39.2	8.21	37.9	8.07	35.4	7.84
	7.0	6	44.5	7.98	42.1	7.86	39.5	7.77	38.2	7.68	36.9	7.58	34.5	7.34
	9.0	7.9	42.9	7.23	40.5	7.12	38.0	7.04	36.8	6.96	35.5	6.87	33.2	6.66
	11.0	9.8	40.5	6.58	38.3	6.48	36.0	6.40	34.8	6.33	33.6	6.25	31.4	6.05
	13.0	11.8	38.1	5.84	36.0	5.75	33.8	5.68	32.7	5.61	31.6	5.54	29.5	5.37
	15.0	13.7	36.0	5.18	34.0	5.11	32.0	5.05	30.9	4.99	29.9	4.92	27.9	4.77

7. Capacity Tables

Heating Capacity (12HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	23.5	13.34	23.5	13.42	23.4	12.93	23.4	13.63	23.4	13.72	23.3	13.76
	-21.8	-22	27.9	13.47	27.9	13.55	27.8	13.34	27.8	13.76	27.8	14.06	27.6	13.89
	-19.8	-20	29.1	13.55	29.1	13.63	28.9	13.61	28.9	13.84	28.9	14.00	28.8	13.97
	-18.8	-19	29.8	13.59	29.6	13.68	29.6	13.76	29.6	13.88	29.6	13.97	29.5	13.72
	-16.7	-17	31.1	13.68	31.1	13.77	31.1	14.06	30.9	13.97	30.9	13.45	30.7	13.20
	-13.7	-15	33.3	13.81	33.3	13.89	33.1	13.97	33.1	13.21	33.1	12.71	33.0	12.45
	-11.8	-13	34.4	13.89	34.2	13.97	34.2	13.45	34.2	12.72	34.2	12.23	33.0	11.97
	-9.8	-11	35.5	13.97	35.5	13.38	35.4	12.90	35.4	12.21	35.4	11.74	33.0	11.47
	-9.5	-10	35.8	13.88	35.8	13.29	35.6	12.81	35.6	12.13	35.4	11.66	33.0	11.40
	-8.5	-9.1	36.7	13.56	36.7	13.00	36.5	12.54	36.6	11.87	35.4	11.41	33.0	11.15
	-7.0	-7.6	38.6	13.09	38.5	12.55	37.8	12.12	36.6	11.49	35.4	11.04	33.0	10.77
	-5.0	-5.6	40.3	12.46	39.9	11.96	37.8	11.57	36.6	10.98	35.4	10.54	33.0	10.27
	-3.0	-3.7	41.5	11.83	40.2	11.37	37.8	11.02	36.6	10.46	35.4	10.05	33.0	9.77
	0.0	-0.7	42.6	10.89	40.2	10.48	37.8	10.19	36.6	9.70	35.4	9.30	33.0	9.02
	3.0	2.2	42.6	9.94	40.2	9.59	37.8	9.36	36.6	8.93	35.4	8.56	33.0	8.27
	5.0	4.1	41.8	8.47	39.4	8.17	37.0	7.99	35.9	7.62	34.7	7.29	32.3	7.03
	7.0	6	40.7	7.72	38.4	7.48	36.1	7.35	34.9	7.03	33.8	6.73	31.5	6.47
	9.0	7.9	39.2	6.92	37.0	6.70	34.8	6.58	33.7	6.30	32.6	6.02	30.3	5.79
	11.0	9.8	37.1	6.20	35.0	6.00	32.9	5.90	31.8	5.64	30.8	5.40	28.7	5.19
	13.0	11.8	34.8	5.40	32.9	5.23	30.9	5.14	29.9	4.92	28.9	4.70	26.9	4.52
	15.0	13.7	33.0	4.69	31.1	4.54	29.2	4.46	28.3	4.27	27.3	4.09	25.5	3.93
90	-24.8	-25	23.4	11.74	23.4	12.17	23.3	12.47	23.3	12.61	23.3	12.90	23.2	13.33
	-21.8	-22	27.8	12.17	27.8	12.60	27.7	12.90	27.7	13.04	27.7	13.33	27.5	12.69
	-19.8	-20	29.0	12.46	29.0	12.88	28.8	13.18	28.8	13.33	28.8	12.89	28.7	12.27
	-18.8	-19	29.8	12.60	29.6	13.03	29.5	13.33	29.5	13.10	29.5	12.67	29.4	12.06
	-16.7	-17	31.1	12.90	31.1	13.33	30.9	12.85	30.9	12.62	30.9	12.21	30.1	11.62
	-13.7	-15	33.3	13.33	33.3	12.61	33.0	12.17	33.0	11.94	32.4	11.55	30.1	10.98
	-11.8	-13	34.4	12.83	34.2	12.16	34.1	11.74	33.5	11.51	32.4	11.13	30.1	10.58
	-9.8	-11	35.5	12.31	35.5	11.69	34.6	11.29	33.5	11.05	32.4	10.70	30.1	10.16
	-9.5	-10	35.8	12.23	35.8	11.61	34.6	11.22	33.5	10.98	32.4	10.63	30.1	10.10
	-8.5	-9.1	36.7	11.97	36.4	11.38	34.6	10.99	33.5	10.75	32.4	10.41	30.1	9.88
	-7.0	-7.6	38.6	11.58	36.7	11.02	34.6	10.65	33.5	10.41	32.4	10.08	30.1	9.57
	-5.0	-5.6	39.0	11.06	36.7	10.54	34.6	10.20	33.5	9.96	32.4	9.64	30.1	9.15
	-3.0	-3.7	39.0	10.54	36.7	10.07	34.6	9.75	33.5	9.50	32.4	9.20	30.1	8.72
	0.0	-0.7	39.0	9.76	36.7	9.35	34.6	9.07	33.5	8.82	32.4	8.55	30.1	8.09
	3.0	2.2	39.0	8.97	36.7	8.64	34.6	8.39	33.5	8.14	32.4	7.89	30.1	7.46
	5.0	4.1	38.3	7.66	36.0	7.39	33.9	7.17	32.8	6.95	31.8	6.73	29.5	6.35
	7.0	6	37.3	7.06	35.1	6.84	33.0	6.66	32.0	6.43	31.0	6.24	28.8	5.88
	9.0	7.9	35.9	6.32	33.8	6.13	31.8	5.96	30.8	5.76	29.8	5.59	27.7	5.27
	11.0	9.8	34.0	5.61	32.0	5.43	30.1	5.29	29.2	5.11	28.2	4.96	26.2	4.67
	13.0	11.8	31.9	4.79	30.0	4.64	28.3	4.52	27.4	4.36	26.5	4.23	24.6	3.99
	15.0	13.7	30.2	4.11	28.4	3.99	26.7	3.88	25.9	3.75	25.1	3.64	23.3	3.43
80	-24.8	-25	23.3	10.23	23.3	10.66	23.2	10.96	23.2	11.10	23.2	11.82	23.1	11.26
	-21.8	-22	27.5	10.66	27.5	11.09	27.5	11.39	27.5	11.82	27.5	11.26	26.9	10.73
	-19.8	-20	28.7	10.95	28.7	11.37	28.7	11.82	28.7	11.42	28.7	10.89	26.9	10.38
	-18.8	-19	29.4	11.09	29.4	11.82	29.4	11.61	29.4	11.22	28.9	10.70	26.9	10.20
	-16.7	-17	30.9	11.82	30.9	11.39	30.9	11.19	30.0	10.81	28.9	10.31	26.9	9.83
	-13.7	-15	32.3	11.18	31.7	10.78	30.9	10.58	30.0	10.21	28.9	9.75	26.9	9.30
	-11.8	-13	33.2	10.77	32.2	10.39	30.9	10.19	30.0	9.83	28.9	9.40	26.9	8.96
	-9.8	-11	34.1	10.34	32.7	9.98	30.9	9.78	30.0	9.44	28.9	9.03	26.9	8.61
	-9.5	-10	34.3	10.28	32.8	9.92	30.9	9.72	30.0	9.38	28.9	8.97	26.9	8.55
	-8.5	-9.1	34.7	10.07	33.0	9.72	30.9	9.52	30.0	9.18	28.9	8.78	26.9	8.38
	-7.0	-7.6	35.0	9.75	33.0	9.41	30.9	9.21	30.0	8.88	28.9	8.51	26.9	8.11
	-5.0	-5.6	35.0	9.32	33.0	9.01	30.9	8.81	30.0	8.48	28.9	8.13	26.9	7.76
	-3.0	-3.7	35.0	8.89	33.0	8.60	30.9	8.40	30.0	8.09	28.9	7.76	26.9	7.40
	0.0	-0.7	35.0	8.25	33.0	7.99	30.9	7.79	30.0	7.49	28.9	7.20	26.9	6.87
	3.0	2.2	35.0	7.61	33.0	7.37	30.9	7.18	30.0	6.89	28.9	6.64	26.9	6.34
	5.0	4.1	34.3	6.50	32.3	6.30	30.3	6.12	29.4	5.87	28.3	5.66	26.4	5.41
	7.0	6	33.4	6.01	31.5	5.84	29.5	5.67	28.7	5.43	27.6	5.25	25.7	5.01
	9.0	7.9	32.2	5.20	30.3	5.06	28.5	4.94	27.6	4.76	26.6	4.59	24.8	4.37
	11.0	9.8	30.4	4.47	28.7	4.35	26.9	4.25	26.1	4.09	25.2	3.94	23.4	3.75
	13.0	11.8	28.6	3.73	26.9	3.63	25.3	3.55	24.5	3.41	23.6	3.29	22.0	3.13
	15.0	13.7	27.0	3.20	25.5	3.12	23.9	3.04	23.2	2.93	22.4	2.82	20.8	2.69

7. Capacity Tables

Heating Capacity (12HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	23.3	10.53	23.3	10.67	23.2	10.96	23.2	11.39	23.2	10.81	23.0	10.26
	-21.8	-22	26.5	10.96	26.5	11.10	26.3	11.39	25.4	10.81	24.7	10.26	23.0	9.74
	-19.8	-20	28.6	11.25	28.0	11.39	26.3	10.98	25.4	10.42	24.7	9.90	23.0	9.40
	-18.8	-19	29.4	11.39	28.0	11.17	26.3	10.77	25.4	10.22	24.7	9.72	23.0	9.22
	-16.7	-17	29.6	10.94	28.0	10.72	26.3	10.34	25.4	9.82	24.7	9.34	23.0	8.86
	-13.7	-15	29.6	10.30	28.0	10.08	26.3	9.72	25.4	9.23	24.7	8.80	23.0	8.34
	-11.8	-13	29.6	9.89	28.0	9.67	26.3	9.33	25.4	8.86	24.7	8.45	23.0	8.01
	-9.8	-11	29.6	9.47	28.0	9.25	26.3	8.92	25.4	8.47	24.7	8.09	23.0	7.66
	-9.5	-10	29.6	9.40	28.0	9.18	26.3	8.86	25.4	8.42	24.7	8.04	23.0	7.61
	-8.5	-9.1	29.6	9.19	28.0	8.97	26.3	8.65	25.4	8.22	24.7	7.86	23.0	7.44
	-7.0	-7.6	29.6	8.87	28.0	8.65	26.3	8.34	25.4	7.93	24.7	7.59	23.0	7.18
	-5.0	-5.6	29.6	8.44	28.0	8.22	26.3	7.93	25.4	7.54	24.7	7.22	23.0	6.83
	-3.0	-3.7	29.6	8.02	28.0	7.79	26.3	7.52	25.4	7.15	24.7	6.86	23.0	6.48
	0.0	-0.7	29.6	7.38	28.0	7.15	26.3	6.90	25.4	6.57	24.7	6.32	23.0	5.96
	3.0	2.2	29.6	6.74	28.0	6.50	26.3	6.28	25.4	5.99	24.7	5.78	23.0	5.44
	5.0	4.1	29.6	5.83	27.4	5.50	25.8	5.31	24.9	5.06	24.2	4.89	22.6	4.61
	7.0	6	29.7	5.50	26.7	5.02	25.2	4.86	24.3	4.64	23.6	4.50	22.0	4.23
	9.0	7.9	28.6	4.63	25.8	4.23	24.2	4.09	23.4	3.90	22.7	3.78	21.2	3.56
	11.0	9.8	27.0	3.97	24.4	3.63	22.9	3.51	22.1	3.35	21.5	3.25	20.0	3.05
	13.0	11.8	25.4	3.34	22.9	3.06	21.5	2.95	20.8	2.82	20.2	2.74	18.8	2.57
	15.0	13.7	24.0	2.84	21.6	2.59	20.4	2.51	19.7	2.39	19.1	2.32	17.8	2.18
60	-24.8	-25	22.7	10.24	22.7	10.53	22.6	10.96	21.8	10.37	21.1	9.81	19.7	9.29
	-21.8	-22	24.3	10.67	24.1	10.96	22.6	10.37	21.8	9.81	21.1	9.29	19.7	8.79
	-19.8	-20	25.4	10.96	24.1	10.54	22.6	9.97	21.8	9.44	21.1	8.94	19.7	8.46
	-18.8	-19	25.4	10.75	24.1	10.33	22.6	9.77	21.8	9.25	21.1	8.77	19.7	8.29
	-16.7	-17	25.4	10.30	24.1	9.88	22.6	9.36	21.8	8.87	21.1	8.41	19.7	7.94
	-13.7	-15	25.4	9.65	24.1	9.25	22.6	8.76	21.8	8.31	21.1	7.89	19.7	7.44
	-11.8	-13	25.4	9.25	24.1	8.85	22.6	8.38	21.8	7.96	21.1	7.56	19.7	7.13
	-9.8	-11	25.4	8.82	24.1	8.43	22.6	7.99	21.8	7.59	21.1	7.21	19.7	6.79
	-9.5	-10	25.4	8.75	24.1	8.37	22.6	7.93	21.8	7.53	21.1	7.16	19.7	6.74
	-8.5	-9.1	25.4	8.54	24.1	8.16	22.6	7.73	21.8	7.35	21.1	6.98	19.7	6.58
	-7.0	-7.6	25.4	8.22	24.1	7.84	22.6	7.43	21.8	7.07	21.1	6.72	19.7	6.33
	-5.0	-5.6	25.4	7.79	24.1	7.42	22.6	7.04	21.8	6.70	21.1	6.38	19.7	5.99
	-3.0	-3.7	25.4	7.36	24.1	7.00	22.6	6.64	21.8	6.33	21.1	6.03	19.7	5.66
	0.0	-0.7	25.4	6.72	24.1	6.36	22.6	6.05	21.8	5.77	21.1	5.51	19.7	5.16
	3.0	2.2	25.4	6.08	24.1	5.73	22.6	5.45	21.8	5.22	21.1	4.99	19.7	4.66
	5.0	4.1	24.9	5.12	23.6	4.81	22.1	4.58	21.4	4.39	20.6	4.20	19.3	3.92
	7.0	6	24.3	4.64	23.0	4.35	21.6	4.15	20.8	3.99	20.1	3.82	18.8	3.56
	9.0	7.9	23.4	3.87	22.2	3.62	20.8	3.45	20.1	3.32	19.4	3.18	18.1	2.96
	11.0	9.8	22.1	3.32	20.9	3.11	19.6	2.96	19.0	2.85	18.3	2.73	17.2	2.54
	13.0	11.8	20.8	2.79	19.7	2.62	18.4	2.49	17.8	2.40	17.2	2.30	16.1	2.14
	15.0	13.7	19.7	2.39	18.6	2.24	17.5	2.11	16.9	2.03	16.3	1.95	15.2	1.83
50	-24.8	-25	21.2	9.38	20.0	9.81	18.8	9.26	18.2	8.74	17.6	8.26	16.4	7.81
	-21.8	-22	21.2	9.81	20.0	9.26	18.8	8.74	18.2	8.26	17.6	7.81	16.4	7.38
	-19.8	-20	21.2	9.42	20.0	8.89	18.8	8.40	18.2	7.93	17.6	7.51	16.4	7.09
	-18.8	-19	21.2	9.23	20.0	8.70	18.8	8.23	18.2	7.77	17.6	7.36	16.4	6.95
	-16.7	-17	21.2	8.82	20.0	8.32	18.8	7.87	18.2	7.43	17.6	7.04	16.4	6.65
	-13.7	-15	21.2	8.24	20.0	7.76	18.8	7.35	18.2	6.95	17.6	6.59	16.4	6.22
	-11.8	-13	21.2	7.87	20.0	7.41	18.8	7.02	18.2	6.64	17.6	6.31	16.4	5.95
	-9.8	-11	21.2	7.48	20.0	7.04	18.8	6.68	18.2	6.32	17.6	6.01	16.4	5.66
	-9.5	-10	21.2	7.42	20.0	6.99	18.8	6.63	18.2	6.27	17.6	5.97	16.4	5.62
	-8.5	-9.1	21.2	7.22	20.0	6.80	18.8	6.46	18.2	6.11	17.6	5.82	16.4	5.48
	-7.0	-7.6	21.2	6.93	20.0	6.53	18.8	6.20	18.2	5.87	17.6	5.59	16.4	5.26
	-5.0	-5.6	21.2	6.54	20.0	6.16	18.8	5.86	18.2	5.54	17.6	5.29	16.4	4.98
	-3.0	-3.7	21.2	6.15	20.0	5.79	18.8	5.51	18.2	5.22	17.6	4.99	16.4	4.69
	0.0	-0.7	21.2	5.57	20.0	5.23	18.8	5.00	18.2	4.74	17.6	4.54	16.4	4.26
	3.0	2.2	21.2	4.99	20.0	4.68	18.8	4.48	18.2	4.25	17.6	4.09	16.4	3.83
	5.0	4.1	20.8	4.17	19.6	3.90	18.4	3.75	17.8	3.56	17.3	3.43	16.1	3.21
	7.0	6	20.3	3.75	19.1	3.51	18.0	3.38	17.4	3.21	16.8	3.11	15.7	2.90
	9.0	7.9	19.5	3.15	18.4	2.95	17.3	2.84	16.8	2.70	16.2	2.62	15.1	2.44
	11.0	9.8	18.6	2.74	17.5	2.56	16.4	2.47	15.8	2.34	15.3	2.27	14.3	2.12
	13.0	11.8	17.3	2.28	16.4	2.13	15.4	2.05	14.9	1.96	14.4	1.89	13.4	1.78
	15.0	13.7	16.4	1.96	15.5	1.83	14.5	1.76	14.1	1.68	13.6	1.62	12.7	1.51

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM140LTE5

Heating Capacity (14HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	27.3	13.07	27.3	13.20	27.2	13.32	27.2	13.50	27.2	13.67	26.6	13.94
	-21.8	-22	33.3	13.34	33.3	13.47	33.0	13.59	33.0	13.77	33.0	13.94	32.4	14.21
	-19.8	-20	35.1	13.52	35.1	13.65	34.9	13.77	34.9	13.95	34.9	14.12	34.2	14.39
	-18.8	-19	35.9	13.61	35.9	13.74	35.7	13.86	35.7	14.04	35.7	14.21	35.0	14.48
	-16.7	-17	37.7	13.80	37.7	13.93	37.4	14.05	37.4	14.23	37.4	14.40	36.7	14.67
	-13.7	-15	40.1	14.07	40.1	14.20	39.9	14.32	39.9	14.50	39.9	14.67	39.1	14.13
	-11.8	-13	41.4	14.24	41.4	14.37	41.2	14.49	41.2	14.67	41.2	14.31	40.6	13.79
	-9.8	-11	42.8	14.42	42.8	14.55	42.5	14.67	42.5	14.29	42.5	13.93	42.2	13.43
	-9.5	-10	43.1	14.45	43.1	14.58	42.8	14.61	42.8	14.23	42.8	13.87	42.5	13.37
	-8.5	-9.1	43.9	14.54	43.9	14.67	43.6	14.42	43.6	14.03	43.4	13.68	43.3	13.19
	-7.0	-7.6	45.1	14.67	45.1	14.39	44.8	14.12	44.8	13.74	44.8	13.39	44.5	12.92
	-5.0	-5.6	46.8	14.30	46.8	14.00	46.5	13.73	46.5	13.36	46.5	13.01	46.1	12.56
	-3.0	-3.7	48.4	13.94	48.4	13.62	48.1	13.34	48.1	12.97	48.1	12.63	47.7	12.20
	0.0	-0.7	50.9	13.39	50.9	13.05	50.6	12.75	50.6	12.39	50.6	12.05	49.8	11.66
	3.0	2.2	53.4	12.84	53.4	12.48	53.0	12.16	53.0	11.81	53.0	11.48	49.8	11.11
	5.0	4.1	54.0	11.33	53.9	10.97	53.6	10.66	53.6	10.34	52.4	10.03	48.8	9.71
	7.0	6	54.2	10.77	54.1	10.42	53.8	10.12	52.9	9.83	51.1	9.53	47.5	9.25
	9.0	7.9	52.5	10.04	52.4	9.72	52.3	9.44	51.0	9.16	49.2	8.89	45.8	8.62
	11.0	9.8	49.7	9.44	49.6	9.13	49.4	8.87	48.2	8.61	46.5	8.35	43.3	8.10
	13.0	11.8	46.7	8.70	46.6	8.42	46.4	8.17	45.3	7.94	43.7	7.70	40.7	7.47
	15.0	13.7	44.1	8.08	44.1	7.82	43.9	7.60	42.8	7.38	41.3	7.16	38.5	6.94
120	-24.8	-25	27.1	13.20	27.1	13.32	27.0	13.50	27.0	13.67	27.0	13.94	26.4	14.13
	-21.8	-22	33.0	13.47	33.0	13.59	32.8	13.77	32.8	13.94	32.8	14.21	32.2	14.40
	-19.8	-20	34.8	13.65	34.8	13.77	34.6	13.95	34.6	14.12	34.6	14.39	33.9	14.58
	-18.8	-19	35.7	13.74	35.7	13.86	35.4	14.04	35.4	14.21	35.4	14.48	34.7	14.67
	-16.7	-17	37.4	13.93	37.4	14.05	37.2	14.23	37.2	14.40	37.2	14.67	36.4	14.32
	-13.7	-15	39.8	14.20	39.8	14.32	39.6	14.50	39.6	14.67	39.6	14.15	38.8	13.82
	-11.8	-13	41.1	14.37	41.1	14.49	40.9	14.67	40.9	14.30	40.9	13.82	40.3	13.51
	-9.8	-11	42.5	14.55	42.5	14.67	42.2	14.27	42.2	13.92	42.2	13.48	41.9	13.18
	-9.5	-10	42.8	14.58	42.8	14.61	42.5	14.21	42.5	13.86	42.5	13.43	42.2	13.13
	-8.5	-9.1	43.6	14.67	43.6	14.40	43.3	14.01	43.3	13.67	43.3	13.25	43.0	12.96
	-7.0	-7.6	44.8	14.36	44.8	14.08	44.5	13.71	44.5	13.38	44.5	13.00	44.2	12.71
	-5.0	-5.6	46.4	13.94	46.4	13.65	46.1	13.30	46.1	12.99	46.1	12.65	45.8	12.38
	-3.0	-3.7	48.1	13.52	48.1	13.23	47.8	12.90	47.8	12.61	47.8	12.30	46.8	12.05
	0.0	-0.7	50.5	12.89	50.5	12.59	50.2	12.30	50.2	12.03	50.2	11.79	46.8	11.55
	3.0	2.2	53.0	12.25	53.0	11.95	52.6	11.69	52.0	11.45	50.3	11.27	46.8	11.05
	5.0	4.1	53.7	10.74	53.5	10.45	52.7	10.22	50.9	10.00	49.3	9.86	45.8	9.67
	7.0	6	53.9	10.16	53.4	9.88	51.3	9.69	49.6	9.50	48.1	9.41	44.7	9.25
	9.0	7.9	52.2	9.44	51.5	9.19	49.4	9.01	47.8	8.83	46.3	8.75	43.0	8.59
	11.0	9.8	49.3	8.84	48.7	8.60	46.8	8.44	45.2	8.27	43.8	8.20	40.7	8.05
	13.0	11.8	46.3	8.12	45.7	7.90	43.9	7.75	42.4	7.60	41.1	7.53	38.2	7.39
	15.0	13.7	43.8	7.52	43.2	7.31	41.5	7.17	40.2	7.03	38.9	6.97	36.1	6.84
110	-24.8	-25	27.0	13.32	27.0	13.50	26.8	13.67	26.8	13.94	26.8	14.13	26.3	14.22
	-21.8	-22	32.8	13.59	32.8	13.77	32.6	13.94	32.6	14.21	32.6	14.40	32.0	14.49
	-19.8	-20	34.7	13.77	34.7	13.95	34.4	14.12	34.4	14.39	34.4	14.58	33.8	14.67
	-18.8	-19	35.5	13.86	35.5	14.04	35.2	14.21	35.2	14.48	35.2	14.67	34.6	14.49
	-16.7	-17	37.2	14.05	37.2	14.23	37.0	14.40	37.0	14.67	37.0	14.29	36.2	14.10
	-13.7	-15	39.6	14.32	39.6	14.50	39.4	14.67	39.4	14.10	39.4	13.75	39.4	13.54
	-11.8	-13	40.9	14.49	40.9	14.67	40.7	14.27	40.7	13.74	40.7	13.41	40.7	13.19
	-9.8	-11	42.3	14.67	42.3	14.22	42.0	13.84	42.0	13.35	42.0	13.05	42.0	12.82
	-9.5	-10	42.5	14.60	42.5	14.15	42.3	13.78	42.3	13.30	42.3	12.99	42.1	12.76
	-8.5	-9.1	43.3	14.35	43.3	13.92	43.1	13.57	43.1	13.11	43.1	12.81	42.1	12.58
	-7.0	-7.6	44.6	13.98	44.6	13.58	44.3	13.25	44.3	12.82	44.3	12.54	42.1	12.30
	-5.0	-5.6	46.2	13.49	46.2	13.12	45.9	12.82	45.9	12.44	45.1	12.18	42.1	11.93
	-3.0	-3.7	47.8	13.00	47.8	12.67	47.5	12.40	46.6	12.06	45.1	11.82	42.1	11.56
	0.0	-0.7	50.3	12.27	50.3	11.98	48.2	11.76	46.6	11.48	45.1	11.28	42.1	11.01
	3.0	2.2	52.7	11.53	51.4	11.30	48.2	11.12	46.6	10.91	45.1	10.74	42.1	10.45
	5.0	4.1	53.2	10.02	50.4	9.82	47.3	9.68	45.7	9.51	44.2	9.36	41.2	9.09
	7.0	6	51.9	9.39	49.1	9.25	46.1	9.14	44.5	9.03	43.0	8.92	40.2	8.64
	9.0	7.9	50.0	8.68	47.3	8.55	44.4	8.46	42.9	8.35	41.5	8.25	38.7	7.99
	11.0	9.8	47.3	8.08	44.7	7.96	42.0	7.87	40.6	7.78	39.2	7.68	36.6	7.44
	13.0	11.8	44.4	7.37	42.0	7.26	39.4	7.18	38.1	7.09	36.8	7.00	34.4	6.79
	15.0	13.7	42.0	6.77	39.7	6.67	37.3	6.60	36.1	6.52	34.8	6.43	32.5	6.23

7. Capacity Tables

Heating Capacity (14HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	26.9	14.67	26.9	14.67	26.7	13.87	26.7	14.67	26.7	14.67	26.2	14.67
	-21.8	-22	32.7	14.67	32.7	14.67	32.5	14.30	32.5	14.67	32.5	14.86	31.9	14.67
	-19.8	-20	34.5	14.67	34.5	14.67	34.3	14.58	34.3	14.67	34.3	14.73	33.6	14.67
	-18.8	-19	35.3	14.67	35.1	14.67	35.1	14.67	35.1	14.67	35.1	14.67	34.4	14.44
	-16.7	-17	36.8	14.67	36.8	14.67	36.8	14.86	36.6	14.67	36.6	14.20	35.9	13.96
	-13.7	-15	39.4	14.67	39.4	14.67	39.2	14.67	39.2	13.99	39.2	13.53	38.5	13.28
	-11.8	-13	40.7	14.67	40.5	14.67	40.5	14.22	40.5	13.56	40.5	13.10	38.5	12.85
	-9.8	-11	42.1	14.67	42.1	14.16	41.8	13.74	41.8	13.11	41.3	12.66	38.5	12.39
	-9.5	-10	42.3	14.59	42.3	14.09	42.1	13.67	42.1	13.04	41.3	12.59	38.5	12.32
	-8.5	-9.1	43.1	14.33	43.1	13.83	42.9	13.43	42.7	12.81	41.3	12.37	38.5	12.09
	-7.0	-7.6	45.1	13.93	44.9	13.45	44.1	13.07	42.7	12.47	41.3	12.03	38.5	11.75
	-5.0	-5.6	47.0	13.40	46.6	12.94	44.1	12.59	42.7	12.02	41.3	11.58	38.5	11.29
	-3.0	-3.7	48.4	12.87	46.9	12.43	44.1	12.11	42.7	11.57	41.3	11.14	38.5	10.84
	0.0	-0.7	49.7	12.07	46.9	11.67	44.1	11.39	42.7	10.89	41.3	10.46	38.5	10.15
	3.0	2.2	49.7	11.27	46.9	10.91	44.1	10.68	42.7	10.21	41.3	9.79	38.5	9.47
	5.0	4.1	48.7	9.75	46.0	9.43	43.2	9.23	41.8	8.82	40.5	8.44	37.7	8.14
	7.0	6	47.5	9.09	44.8	8.80	42.1	8.65	40.8	8.28	39.4	7.92	36.7	7.62
	9.0	7.9	45.8	8.34	43.2	8.08	40.6	7.94	39.3	7.59	38.0	7.26	35.4	6.99
	11.0	9.8	43.3	7.69	40.8	7.45	38.4	7.32	37.1	7.01	35.9	6.70	33.5	6.45
	13.0	11.8	40.6	6.94	38.3	6.73	36.0	6.61	34.9	6.32	33.7	6.05	31.4	5.82
	15.0	13.7	38.5	6.30	36.3	6.10	34.1	6.00	33.0	5.74	31.9	5.49	29.7	5.28
90	-24.8	-25	26.8	13.09	26.8	13.36	26.6	13.55	26.6	13.64	26.6	13.82	26.1	14.09
	-21.8	-22	32.6	13.36	32.6	13.63	32.4	13.82	32.4	13.91	32.4	14.09	31.7	13.49
	-19.8	-20	34.4	13.54	34.4	13.81	34.2	14.00	34.2	14.09	34.2	13.68	33.5	13.10
	-18.8	-19	35.3	13.63	35.1	13.90	35.0	14.09	35.0	13.88	35.0	13.48	34.3	12.90
	-16.7	-17	36.8	13.82	36.8	14.09	36.6	13.66	36.6	13.44	36.6	13.06	35.1	12.48
	-13.7	-15	39.4	14.09	39.4	13.45	39.1	13.04	39.1	12.82	37.8	12.45	35.1	11.89
	-11.8	-13	40.7	13.65	40.5	13.05	40.3	12.66	39.1	12.42	37.8	12.06	35.1	11.51
	-9.8	-11	42.1	13.19	42.1	12.62	40.4	12.25	39.1	12.01	37.8	11.66	35.1	11.11
	-9.5	-10	42.3	13.12	42.3	12.56	40.4	12.18	39.1	11.94	37.8	11.60	35.1	11.05
	-8.5	-9.1	43.1	12.90	42.8	12.34	40.4	11.98	39.1	11.73	37.8	11.39	35.1	10.86
	-7.0	-7.6	45.1	12.55	42.9	12.03	40.4	11.67	39.1	11.42	37.8	11.09	35.1	10.56
	-5.0	-5.6	45.6	12.09	42.9	11.60	40.4	11.26	39.1	11.00	37.8	10.68	35.1	10.16
	-3.0	-3.7	45.6	11.63	42.9	11.17	40.4	10.85	39.1	10.59	37.8	10.28	35.1	9.76
	0.0	-0.7	45.6	10.94	42.9	10.54	40.4	10.24	39.1	9.96	37.8	9.67	35.1	9.17
	3.0	2.2	45.6	10.25	42.9	9.90	40.4	9.62	39.1	9.34	37.8	9.06	35.1	8.57
	5.0	4.1	44.6	8.87	42.0	8.56	39.5	8.32	38.3	8.05	37.1	7.81	34.4	7.37
	7.0	6	43.5	8.31	40.9	8.05	38.5	7.83	37.3	7.57	36.1	7.34	33.6	6.92
	9.0	7.9	41.9	7.62	39.4	7.39	37.1	7.19	36.0	6.94	34.8	6.74	32.3	6.35
	11.0	9.8	39.6	6.96	37.3	6.75	35.1	6.57	34.0	6.34	32.9	6.15	30.6	5.80
	13.0	11.8	37.2	6.16	35.0	5.97	33.0	5.81	31.9	5.61	30.9	5.44	28.7	5.13
	15.0	13.7	35.2	5.53	33.1	5.36	31.2	5.21	30.2	5.03	29.3	4.88	27.2	4.61
80	-24.8	-25	26.7	11.49	26.7	11.76	26.5	11.95	26.5	12.04	26.5	12.49	26.0	11.97
	-21.8	-22	32.2	11.76	32.2	12.03	32.2	12.22	32.2	12.49	32.2	11.97	31.4	11.47
	-19.8	-20	34.0	11.94	34.0	12.21	34.0	12.49	34.0	12.12	33.7	11.62	31.4	11.13
	-18.8	-19	34.8	12.03	34.8	12.49	34.8	12.31	34.8	11.94	33.7	11.45	31.4	10.96
	-16.7	-17	36.1	12.49	36.1	12.11	36.1	11.92	35.0	11.55	33.7	11.08	31.4	10.61
	-13.7	-15	37.7	11.92	37.0	11.55	36.1	11.36	35.0	11.00	33.7	10.56	31.4	10.11
	-11.8	-13	38.7	11.55	37.5	11.20	36.1	11.00	35.0	10.65	33.7	10.22	31.4	9.79
	-9.8	-11	39.7	11.17	38.1	10.83	36.1	10.63	35.0	10.28	33.7	9.88	31.4	9.45
	-9.5	-10	40.0	11.11	38.3	10.77	36.1	10.57	35.0	10.22	33.7	9.82	31.4	9.40
	-8.5	-9.1	40.4	10.92	38.4	10.59	36.1	10.38	35.0	10.04	33.7	9.65	31.4	9.23
	-7.0	-7.6	40.8	10.63	38.4	10.31	36.1	10.10	35.0	9.76	33.7	9.39	31.4	8.98
	-5.0	-5.6	40.8	10.25	38.4	9.94	36.1	9.73	35.0	9.39	33.7	9.04	31.4	8.64
	-3.0	-3.7	40.8	9.87	38.4	9.57	36.1	9.36	35.0	9.02	33.7	8.69	31.4	8.31
	0.0	-0.7	40.8	9.29	38.4	9.01	36.1	8.80	35.0	8.47	33.7	8.16	31.4	7.81
	3.0	2.2	40.8	8.72	38.4	8.46	36.1	8.24	35.0	7.92	33.7	7.64	31.4	7.30
	5.0	4.1	40.0	7.53	37.7	7.31	35.4	7.10	34.3	6.81	33.1	6.58	30.8	6.28
	7.0	6	39.0	7.07	36.7	6.87	34.5	6.67	33.4	6.39	32.2	6.18	30.0	5.90
	9.0	7.9	37.5	6.31	35.4	6.13	33.2	5.98	32.2	5.75	31.0	5.55	28.9	5.28
	11.0	9.8	35.5	5.58	33.4	5.43	31.4	5.29	30.5	5.09	29.4	4.91	27.3	4.68
	13.0	11.8	33.3	4.83	31.4	4.69	29.5	4.58	28.6	4.40	27.6	4.24	25.7	4.04
	15.0	13.7	31.5	4.33	29.7	4.21	27.9	4.10	27.1	3.95	26.1	3.80	24.3	3.62

7. Capacity Tables

Heating Capacity (14HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	26.7	11.66	26.7	11.75	26.5	11.93	26.5	12.20	26.5	11.63	26.0	11.09
	-21.8	-22	30.9	11.93	30.9	12.02	30.7	12.20	29.7	11.63	28.8	11.09	26.9	10.57
	-19.8	-20	33.8	12.11	32.7	12.20	30.7	11.80	29.7	11.25	28.8	10.74	26.9	10.23
	-18.8	-19	34.6	12.20	32.7	11.99	30.7	11.60	29.7	11.06	28.8	10.56	26.9	10.05
	-16.7	-17	34.6	11.77	32.7	11.56	30.7	11.18	29.7	10.66	28.8	10.18	26.9	9.69
	-13.7	-15	34.6	11.16	32.7	10.94	30.7	10.58	29.7	10.08	28.8	9.65	26.9	9.17
	-11.8	-13	34.6	10.77	32.7	10.54	30.7	10.19	29.7	9.72	28.8	9.31	26.9	8.84
	-9.8	-11	34.6	10.36	32.7	10.13	30.7	9.79	29.7	9.34	28.8	8.95	26.9	8.50
	-9.5	-10	34.6	10.30	32.7	10.07	30.7	9.73	29.7	9.28	28.8	8.89	26.9	8.45
	-8.5	-9.1	34.6	10.09	32.7	9.86	30.7	9.53	29.7	9.09	28.8	8.72	26.9	8.27
	-7.0	-7.6	34.6	9.79	32.7	9.55	30.7	9.23	29.7	8.80	28.8	8.45	26.9	8.01
	-5.0	-5.6	34.6	9.38	32.7	9.13	30.7	8.83	29.7	8.42	28.8	8.09	26.9	7.67
	-3.0	-3.7	34.6	8.97	32.7	8.72	30.7	8.43	29.7	8.04	28.8	7.73	26.9	7.32
	0.0	-0.7	34.6	8.35	32.7	8.10	30.7	7.83	29.7	7.47	28.8	7.20	26.9	6.80
	3.0	2.2	34.6	7.74	32.7	7.47	30.7	7.22	29.7	6.89	28.8	6.66	26.9	6.28
	5.0	4.1	34.6	6.77	32.0	6.38	30.1	6.17	29.1	5.88	28.2	5.69	26.3	5.36
	7.0	6	34.6	6.47	31.2	5.91	29.3	5.72	28.3	5.46	27.5	5.29	25.7	4.98
	9.0	7.9	33.4	5.58	30.0	5.10	28.3	4.93	27.3	4.71	26.5	4.56	24.7	4.29
	11.0	9.8	31.5	4.93	28.4	4.50	26.7	4.35	25.8	4.16	25.1	4.03	23.4	3.79
	13.0	11.8	29.6	4.30	26.7	3.93	25.1	3.80	24.2	3.63	23.5	3.52	21.9	3.31
	15.0	13.7	28.0	3.81	25.2	3.48	23.8	3.37	22.9	3.21	22.3	3.12	20.8	2.93
60	-24.8	-25	26.5	11.48	26.5	11.66	26.3	11.93	25.5	11.32	24.6	10.75	23.0	10.21
	-21.8	-22	28.4	11.75	28.1	11.93	26.3	11.32	25.5	10.75	24.6	10.21	23.0	9.69
	-19.8	-20	29.7	11.93	28.1	11.50	26.3	10.92	25.5	10.37	24.6	9.86	23.0	9.35
	-18.8	-19	29.7	11.72	28.1	11.29	26.3	10.71	25.5	10.18	24.6	9.68	23.0	9.17
	-16.7	-17	29.7	11.26	28.1	10.84	26.3	10.29	25.5	9.78	24.6	9.30	23.0	8.81
	-13.7	-15	29.7	10.61	28.1	10.19	26.3	9.68	25.5	9.21	24.6	8.76	23.0	8.29
	-11.8	-13	29.7	10.20	28.1	9.79	26.3	9.30	25.5	8.85	24.6	8.42	23.0	7.96
	-9.8	-11	29.7	9.77	28.1	9.36	26.3	8.89	25.5	8.47	24.6	8.06	23.0	7.61
	-9.5	-10	29.7	9.71	28.1	9.29	26.3	8.83	25.5	8.41	24.6	8.01	23.0	7.56
	-8.5	-9.1	29.7	9.49	28.1	9.08	26.3	8.63	25.5	8.22	24.6	7.83	23.0	7.39
	-7.0	-7.6	29.7	9.17	28.1	8.76	26.3	8.32	25.5	7.93	24.6	7.56	23.0	7.13
	-5.0	-5.6	29.7	8.73	28.1	8.33	26.3	7.92	25.5	7.55	24.6	7.21	23.0	6.78
	-3.0	-3.7	29.7	8.30	28.1	7.90	26.3	7.51	25.5	7.17	24.6	6.85	23.0	6.43
	0.0	-0.7	29.7	7.65	28.1	7.25	26.3	6.90	25.5	6.60	24.6	6.31	23.0	5.91
	3.0	2.2	29.7	7.00	28.1	6.61	26.3	6.29	25.5	6.03	24.6	5.77	23.0	5.39
	5.0	4.1	29.1	5.95	27.5	5.59	25.8	5.32	25.0	5.11	24.1	4.89	22.5	4.56
	7.0	6	28.3	5.46	26.8	5.12	25.2	4.88	24.3	4.69	23.5	4.50	22.0	4.18
	9.0	7.9	27.3	4.66	25.8	4.37	24.2	4.16	23.4	4.00	22.6	3.84	21.2	3.57
	11.0	9.8	25.8	4.12	24.4	3.86	22.9	3.68	22.1	3.53	21.4	3.39	20.0	3.15
	13.0	11.8	24.2	3.59	23.0	3.36	21.5	3.21	20.8	3.08	20.1	2.96	18.8	2.75
	15.0	13.7	22.9	3.21	21.7	3.01	20.4	2.84	19.7	2.73	19.0	2.62	17.8	2.46
50	-24.8	-25	24.8	10.10	23.4	10.37	21.9	9.83	21.2	9.32	20.5	8.85	19.1	8.40
	-21.8	-22	24.8	10.37	23.4	9.83	21.9	9.32	21.2	8.85	20.5	8.40	19.1	7.97
	-19.8	-20	24.8	10.00	23.4	9.47	21.9	8.99	21.2	8.53	20.5	8.10	19.1	7.68
	-18.8	-19	24.8	9.81	23.4	9.29	21.9	8.82	21.2	8.37	20.5	7.95	19.1	7.54
	-16.7	-17	24.8	9.41	23.4	8.91	21.9	8.46	21.2	8.03	20.5	7.64	19.1	7.24
	-13.7	-15	24.8	8.85	23.4	8.37	21.9	7.96	21.2	7.55	20.5	7.19	19.1	6.81
	-11.8	-13	24.8	8.49	23.4	8.03	21.9	7.64	21.2	7.25	20.5	6.91	19.1	6.53
	-9.8	-11	24.8	8.11	23.4	7.67	21.9	7.30	21.2	6.93	20.5	6.61	19.1	6.25
	-9.5	-10	24.8	8.06	23.4	7.61	21.9	7.25	21.2	6.88	20.5	6.57	19.1	6.20
	-8.5	-9.1	24.8	7.87	23.4	7.43	21.9	7.08	21.2	6.72	20.5	6.42	19.1	6.06
	-7.0	-7.6	24.8	7.59	23.4	7.16	21.9	6.83	21.2	6.48	20.5	6.20	19.1	5.85
	-5.0	-5.6	24.8	7.21	23.4	6.80	21.9	6.49	21.2	6.16	20.5	5.90	19.1	5.56
	-3.0	-3.7	24.8	6.83	23.4	6.44	21.9	6.15	21.2	5.84	20.5	5.60	19.1	5.27
	0.0	-0.7	24.8	6.27	23.4	5.90	21.9	5.65	21.2	5.36	20.5	5.15	19.1	4.84
	3.0	2.2	24.8	5.71	23.4	5.36	21.9	5.14	21.2	4.88	20.5	4.71	19.1	4.41
	5.0	4.1	24.3	4.82	22.9	4.52	21.5	4.34	20.8	4.13	20.1	3.99	18.8	3.73
	7.0	6	23.6	4.41	22.3	4.13	21.0	3.98	20.3	3.78	19.6	3.66	18.3	3.41
	9.0	7.9	22.8	3.80	21.5	3.56	20.2	3.43	19.5	3.26	18.9	3.16	17.6	2.94
	11.0	9.8	21.6	3.40	20.4	3.18	19.2	3.06	18.5	2.91	17.9	2.82	16.7	2.63
	13.0	11.8	20.2	2.93	19.1	2.74	17.9	2.64	17.4	2.53	16.8	2.43	15.6	2.28
	15.0	13.7	19.1	2.63	18.1	2.46	17.0	2.37	16.4	2.25	15.9	2.18	14.8	2.03

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM160LTE5

Heating Capacity (16HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	28.7	14.80	28.7	15.08	28.5	15.32	28.5	15.69	28.5	16.03	28.5	16.59
	-21.8	-22	35.2	15.36	35.2	15.63	35.0	15.87	35.0	16.24	35.0	16.59	35.0	17.14
	-19.8	-20	37.3	15.72	37.3	16.00	37.1	16.24	37.1	16.60	37.1	16.95	37.1	17.50
	-18.8	-19	38.3	15.91	38.3	16.18	38.1	16.42	38.1	16.79	38.1	17.14	38.1	17.69
	-16.7	-17	40.3	16.29	40.3	16.57	40.1	16.81	40.1	17.17	40.1	17.52	40.1	18.07
	-13.7	-15	43.2	16.84	43.2	17.12	42.9	17.36	42.9	17.72	42.9	18.07	42.9	17.46
	-11.8	-13	44.7	17.19	44.7	17.47	44.4	17.71	44.4	18.07	44.4	17.67	44.4	17.08
	-9.8	-11	46.3	17.56	46.3	17.83	46.0	18.07	46.0	17.65	46.0	17.24	46.0	16.67
	-9.5	-10	46.8	17.61	46.8	17.89	46.5	18.01	46.5	17.58	46.2	17.18	46.2	16.61
	-8.5	-9.1	48.7	17.80	48.7	18.07	48.4	17.80	48.4	17.37	47.0	16.96	47.0	16.40
	-7.0	-7.6	51.6	18.07	51.6	17.77	51.2	17.48	51.2	17.05	51.2	16.64	49.4	16.10
	-5.0	-5.6	55.4	17.70	55.4	17.36	55.0	17.05	55.0	16.63	55.0	16.22	51.3	15.69
	-3.0	-3.7	59.2	17.32	59.2	16.96	58.8	16.63	58.8	16.20	58.8	15.79	53.2	15.28
	0.0	-0.7	64.9	16.75	64.9	16.35	64.4	15.99	63.3	15.56	61.1	15.15	56.1	14.67
	3.0	2.2	65.1	16.18	65.1	15.74	64.9	15.35	63.3	14.93	61.1	14.51	56.9	14.06
	5.0	4.1	64.0	14.35	63.8	13.91	63.6	13.52	62.1	13.12	59.9	12.73	55.8	12.32
	7.0	6	62.3	13.73	62.2	13.29	62.0	12.90	60.5	12.53	58.4	12.15	54.3	11.79
	9.0	7.9	60.0	12.88	59.9	12.46	59.7	12.10	58.3	11.75	56.2	11.40	52.3	11.06
	11.0	9.8	56.8	12.18	56.7	11.79	56.5	11.45	55.1	11.12	53.2	10.78	49.5	10.46
	13.0	11.8	53.3	11.32	53.2	10.95	53.1	10.63	51.7	10.32	49.9	10.02	46.5	9.72
	15.0	13.7	50.5	10.61	50.4	10.27	50.2	9.97	49.0	9.68	47.2	9.39	44.0	9.11
120	-24.8	-25	28.5	15.08	28.5	15.32	28.3	15.69	28.3	16.03	28.3	16.59	28.3	16.97
	-21.8	-22	35.0	15.63	35.0	15.87	34.8	16.24	34.8	16.59	34.8	17.14	34.8	17.52
	-19.8	-20	37.1	16.00	37.1	16.24	36.8	16.60	36.8	16.95	36.8	17.50	36.8	17.89
	-18.8	-19	38.0	16.18	38.0	16.42	37.8	16.79	37.8	17.14	37.8	17.69	37.8	18.07
	-16.7	-17	40.0	16.57	40.0	16.81	39.8	17.17	39.8	17.52	39.8	18.07	39.8	17.68
	-13.7	-15	42.9	17.12	42.9	17.36	42.6	17.72	42.6	18.07	42.6	17.49	42.6	17.12
	-11.8	-13	44.4	17.47	44.4	17.71	44.1	18.07	44.1	17.66	44.1	17.12	44.1	16.76
	-9.8	-11	45.9	17.83	45.9	18.07	45.6	17.63	45.6	17.23	45.6	16.74	45.6	16.39
	-9.5	-10	46.5	17.89	46.5	18.00	46.2	17.56	46.2	17.17	46.2	16.68	46.2	16.33
	-8.5	-9.1	48.4	18.07	48.4	17.77	48.1	17.34	48.1	16.95	47.6	16.49	47.6	16.14
	-7.0	-7.6	51.2	17.73	51.2	17.42	50.9	17.00	50.9	16.63	49.0	16.19	49.0	15.86
	-5.0	-5.6	55.0	17.28	55.0	16.95	54.6	16.56	54.6	16.20	54.6	15.81	50.9	15.49
	-3.0	-3.7	58.7	16.82	58.7	16.49	58.4	16.11	58.4	15.77	57.5	15.42	52.8	15.11
	0.0	-0.7	64.4	16.14	63.9	15.79	61.4	15.44	59.4	15.12	57.5	14.84	53.4	14.55
	3.0	2.2	64.6	15.46	63.9	15.09	61.4	14.77	59.4	14.47	57.5	14.26	53.4	13.99
	5.0	4.1	63.5	13.61	62.7	13.25	60.2	12.96	58.2	12.69	56.4	12.51	52.4	12.27
	7.0	6	61.9	12.95	61.1	12.60	58.7	12.35	56.7	12.11	54.9	12.00	51.0	11.79
	9.0	7.9	59.6	12.11	58.8	11.78	56.5	11.55	54.6	11.33	52.9	11.22	49.2	11.02
	11.0	9.8	56.4	11.41	55.6	11.10	53.4	10.88	51.7	10.68	50.1	10.57	46.5	10.39
	13.0	11.8	52.9	10.56	52.2	10.27	50.2	10.07	48.5	9.88	47.0	9.78	43.7	9.61
	15.0	13.7	50.1	9.85	49.4	9.58	47.5	9.39	45.9	9.22	44.5	9.13	41.3	8.97
110	-24.8	-25	28.3	15.32	28.3	15.69	28.2	16.03	28.2	16.59	28.2	16.97	28.2	17.16
	-21.8	-22	34.8	15.87	34.8	16.24	34.6	16.59	34.6	17.14	34.6	17.52	34.6	17.71
	-19.8	-20	36.9	16.24	36.9	16.60	36.6	16.95	36.6	17.50	36.6	17.89	36.6	18.07
	-18.8	-19	37.8	16.42	37.8	16.79	37.6	17.14	37.6	17.69	37.6	18.07	37.6	17.86
	-16.7	-17	39.8	16.81	39.8	17.17	39.6	17.52	39.6	18.07	39.6	17.64	39.6	17.41
	-13.7	-15	42.7	17.36	42.7	17.72	42.4	18.07	42.4	17.42	42.4	17.03	42.4	16.78
	-11.8	-13	44.1	17.71	44.1	18.07	43.9	17.62	43.9	17.01	43.9	16.63	43.9	16.37
	-9.8	-11	45.7	18.07	45.7	17.56	45.4	17.14	45.4	16.58	45.4	16.22	45.4	15.95
	-9.5	-10	46.2	17.99	46.2	17.48	46.0	17.06	46.0	16.51	46.0	16.16	46.0	15.88
	-8.5	-9.1	48.1	17.72	48.1	17.23	47.8	16.82	47.8	16.30	47.5	15.96	47.5	15.67
	-7.0	-7.6	50.9	17.30	50.9	16.84	50.6	16.46	50.6	15.97	49.1	15.65	48.1	15.35
	-5.0	-5.6	54.7	16.75	54.7	16.33	54.3	15.98	53.3	15.54	50.6	15.24	48.1	14.93
	-3.0	-3.7	58.4	16.20	58.4	15.81	55.1	15.50	53.3	15.10	51.5	14.83	48.1	14.50
	0.0	-0.7	62.1	15.37	58.7	15.04	55.1	14.78	53.3	14.45	51.5	14.21	48.1	13.86
	3.0	2.2	62.1	14.55	58.7	14.27	55.1	14.06	53.3	13.80	51.5	13.59	48.1	13.23
	5.0	4.1	60.9	12.69	57.5	12.46	54.0	12.28	52.2	12.07	50.5	11.89	47.1	11.54
	7.0	6	59.3	11.97	56.1	11.79	52.6	11.66	50.9	11.51	49.2	11.37	45.9	11.02
	9.0	7.9	57.2	11.13	54.0	10.96	50.7	10.84	49.0	10.71	47.4	10.57	44.3	10.24
	11.0	9.8	54.1	10.43	51.1	10.27	47.9	10.15	46.4	10.03	44.8	9.90	41.8	9.60
	13.0	11.8	50.8	9.58	48.0	9.44	45.0	9.33	43.6	9.22	42.1	9.10	39.3	8.82
	15.0	13.7	48.0	8.87	45.4	8.74	42.6	8.64	41.2	8.53	39.8	8.42	37.2	8.16

7. Capacity Tables

Heating Capacity (16HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	28.2	16.89	28.2	17.04	28.0	16.61	28.0	17.43	28.0	17.60	28.0	17.68
	-21.8	-22	34.6	17.12	34.6	17.28	34.4	17.14	34.4	17.67	34.4	18.06	34.4	17.92
	-19.8	-20	36.7	17.28	36.7	17.44	36.5	17.49	36.5	17.83	36.5	18.07	36.5	18.07
	-18.8	-19	37.7	17.36	37.4	17.52	37.4	17.67	37.4	17.91	37.4	18.07	37.4	17.81
	-16.7	-17	39.4	17.53	39.4	17.69	39.4	18.06	39.2	18.07	39.2	17.53	39.2	17.24
	-13.7	-15	42.5	17.76	42.5	17.92	42.2	18.07	42.2	17.29	42.2	16.74	42.2	16.44
	-11.8	-13	43.9	17.92	43.7	18.07	43.7	17.55	43.7	16.79	43.7	16.25	43.7	15.93
	-9.8	-11	45.4	18.07	45.4	17.49	45.2	17.00	45.2	16.26	45.2	15.73	43.9	15.40
	-9.5	-10	46.0	17.98	46.0	17.41	45.8	16.92	45.8	16.18	45.8	15.65	43.9	15.32
	-8.5	-9.1	47.8	17.68	47.8	17.11	47.6	16.65	48.8	15.92	47.2	15.39	43.9	15.05
	-7.0	-7.6	51.5	17.23	51.3	16.68	50.4	16.23	48.8	15.53	47.2	14.99	43.9	14.65
	-5.0	-5.6	53.8	16.63	53.2	16.10	50.4	15.68	48.8	15.00	47.2	14.47	43.9	14.12
	-3.0	-3.7	55.3	16.03	53.6	15.52	50.4	15.14	48.8	14.48	47.2	13.95	43.9	13.58
	0.0	-0.7	56.9	15.12	53.6	14.64	50.4	14.31	48.8	13.69	47.2	13.17	43.9	12.78
	3.0	2.2	56.9	14.22	53.6	13.77	50.4	13.49	48.8	12.90	47.2	12.38	43.9	11.98
	5.0	4.1	55.7	12.36	52.6	11.95	49.4	11.71	47.8	11.18	46.2	10.71	43.1	10.33
	7.0	6	54.3	11.59	51.2	11.22	48.1	11.03	46.6	10.55	45.1	10.09	42.0	9.71
	9.0	7.9	52.3	10.66	49.3	10.32	46.4	10.14	44.9	9.70	43.4	9.28	40.4	8.93
	11.0	9.8	49.5	9.86	46.7	9.55	43.8	9.38	42.4	8.98	41.0	8.59	38.2	8.26
	13.0	11.8	46.4	8.93	43.8	8.65	41.2	8.50	39.9	8.13	38.5	7.78	35.9	7.48
	15.0	13.7	43.9	8.13	41.5	7.88	39.0	7.74	37.7	7.40	36.5	7.08	34.0	6.81
90	-24.8	-25	28.1	15.08	28.1	15.63	27.9	16.02	27.9	16.20	27.9	16.57	27.9	17.12
	-21.8	-22	34.5	15.63	34.5	16.18	34.3	16.57	34.3	16.75	34.3	17.12	34.3	16.44
	-19.8	-20	36.6	16.00	36.6	16.55	36.3	16.93	36.3	17.12	36.3	16.66	36.3	15.99
	-18.8	-19	37.7	16.18	37.4	16.73	37.3	17.12	37.3	16.88	37.3	16.43	37.3	15.76
	-16.7	-17	39.4	16.57	39.4	17.12	39.2	16.64	39.2	16.39	39.2	15.95	39.2	15.28
	-13.7	-15	42.5	17.12	42.5	16.41	42.1	15.95	42.1	15.69	42.1	15.26	40.2	14.60
	-11.8	-13	43.9	16.64	43.7	15.96	43.5	15.52	43.5	15.24	43.2	14.83	40.2	14.17
	-9.8	-11	45.4	16.13	45.4	15.49	45.0	15.06	44.7	14.77	43.2	14.37	40.2	13.72
	-9.5	-10	46.0	16.06	46.0	15.42	45.6	14.99	44.7	14.70	43.2	14.30	40.2	13.65
	-8.5	-9.1	47.8	15.81	47.5	15.18	46.1	14.76	44.7	14.47	43.2	14.07	40.2	13.43
	-7.0	-7.6	51.5	15.43	49.0	14.83	46.1	14.42	44.7	14.12	43.2	13.73	40.2	13.09
	-5.0	-5.6	52.1	14.92	49.0	14.36	46.1	13.96	44.7	13.65	43.2	13.27	40.2	12.63
	-3.0	-3.7	52.1	14.42	49.0	13.89	46.1	13.51	44.7	13.18	43.2	12.81	40.2	12.18
	0.0	-0.7	52.1	13.66	49.0	13.18	46.1	12.82	44.7	12.48	43.2	12.12	40.2	11.50
	3.0	2.2	52.1	12.91	49.0	12.47	46.1	12.14	44.7	11.78	43.2	11.43	40.2	10.82
	5.0	4.1	51.0	11.22	48.0	10.84	45.2	10.54	43.8	10.20	42.4	9.90	39.4	9.35
	7.0	6	49.7	10.59	46.8	10.26	44.0	9.99	42.7	9.65	41.3	9.36	38.4	8.83
	9.0	7.9	47.9	9.74	45.1	9.44	42.4	9.19	41.1	8.87	39.8	8.61	37.0	8.12
	11.0	9.8	45.3	8.92	42.6	8.65	40.1	8.41	38.9	8.13	37.6	7.89	34.9	7.44
	13.0	11.8	42.5	7.92	40.0	7.67	37.7	7.47	36.5	7.21	35.3	7.00	32.8	6.60
	15.0	13.7	40.2	7.13	37.9	6.92	35.6	6.73	34.5	6.50	33.4	6.31	31.1	5.95
80	-24.8	-25	28.0	13.14	28.0	13.69	27.8	14.08	27.8	14.26	27.8	15.18	27.8	14.58
	-21.8	-22	34.1	13.69	34.1	14.24	34.1	14.63	34.1	15.18	34.1	14.58	34.1	14.00
	-19.8	-20	36.2	14.06	36.2	14.61	36.2	15.18	36.2	14.76	36.2	14.18	35.9	13.62
	-18.8	-19	37.1	14.24	37.1	15.18	37.1	14.97	37.1	14.55	37.1	13.98	35.9	13.42
	-16.7	-17	39.2	15.18	39.2	14.74	39.2	14.53	39.2	14.11	38.6	13.57	35.9	13.02
	-13.7	-15	43.1	14.54	42.3	14.12	41.3	13.90	40.0	13.48	38.6	12.97	35.9	12.44
	-11.8	-13	44.2	14.14	42.9	13.73	41.3	13.50	40.0	13.09	38.6	12.59	35.9	12.08
	-9.8	-11	45.0	13.71	43.3	13.32	41.3	13.08	40.0	12.67	38.6	12.19	35.9	11.69
	-9.5	-10	45.3	13.65	43.6	13.25	41.3	13.01	40.0	12.60	38.6	12.13	35.9	11.63
	-8.5	-9.1	45.9	13.43	43.9	13.05	41.3	12.80	40.0	12.40	38.6	11.93	35.9	11.44
	-7.0	-7.6	46.6	13.11	43.9	12.74	41.3	12.49	40.0	12.08	38.6	11.64	35.9	11.15
	-5.0	-5.6	46.6	12.69	43.9	12.32	41.3	12.07	40.0	11.66	38.6	11.24	35.9	10.76
	-3.0	-3.7	46.6	12.26	43.9	11.91	41.3	11.65	40.0	11.24	38.6	10.84	35.9	10.38
	0.0	-0.7	46.6	11.62	43.9	11.29	41.3	11.02	40.0	10.62	38.6	10.24	35.9	9.80
	3.0	2.2	46.6	10.98	43.9	10.67	41.3	10.39	40.0	9.99	38.6	9.65	35.9	9.22
	5.0	4.1	45.7	9.54	43.1	9.25	40.4	9.00	39.2	8.63	37.8	8.34	35.2	7.96
	7.0	6	44.5	9.02	42.0	8.76	39.4	8.50	38.2	8.14	36.8	7.88	34.3	7.52
	9.0	7.9	42.9	8.06	40.4	7.83	38.0	7.64	36.8	7.34	35.5	7.08	33.0	6.75
	11.0	9.8	40.6	7.15	38.2	6.95	35.9	6.78	34.8	6.51	33.6	6.28	31.2	5.99
	13.0	11.8	38.1	6.20	35.9	6.03	33.7	5.88	32.7	5.65	31.5	5.45	29.3	5.19
	15.0	13.7	36.0	5.59	34.0	5.43	31.9	5.29	30.9	5.09	29.8	4.91	27.7	4.68

7. Capacity Tables

Heating Capacity (16HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	28.0	13.53	28.0	13.71	27.8	14.08	27.8	14.63	27.8	13.98	27.8	13.38
	-21.8	-22	34.1	14.08	34.4	14.26	34.1	14.63	33.9	13.98	32.9	13.38	30.7	12.79
	-19.8	-20	36.2	14.44	36.2	14.63	35.1	14.18	33.9	13.56	32.9	12.98	30.7	12.40
	-18.8	-19	37.1	14.63	37.1	14.40	35.1	13.96	33.9	13.34	32.9	12.78	30.7	12.20
	-16.7	-17	39.2	14.16	37.3	13.92	35.1	13.49	33.9	12.89	32.9	12.35	30.7	11.79
	-13.7	-15	39.5	13.48	37.3	13.23	35.1	12.82	33.9	12.25	32.9	11.75	30.7	11.20
	-11.8	-13	39.5	13.05	37.3	12.79	35.1	12.39	33.9	11.84	32.9	11.37	30.7	10.82
	-9.8	-11	39.5	12.60	37.3	12.33	35.1	11.94	33.9	11.41	32.9	10.96	30.7	10.43
	-9.5	-10	39.5	12.54	37.3	12.26	35.1	11.88	33.9	11.35	32.9	10.90	30.7	10.37
	-8.5	-9.1	39.5	12.31	37.3	12.03	35.1	11.65	33.9	11.14	32.9	10.70	30.7	10.17
	-7.0	-7.6	39.5	11.97	37.3	11.69	35.1	11.32	33.9	10.81	32.9	10.40	30.7	9.88
	-5.0	-5.6	39.5	11.52	37.3	11.23	35.1	10.87	33.9	10.39	32.9	10.00	30.7	9.49
	-3.0	-3.7	39.5	11.07	37.3	10.77	35.1	10.42	33.9	9.96	32.9	9.59	30.7	9.09
	0.0	-0.7	39.5	10.40	37.3	10.08	35.1	9.75	33.9	9.31	32.9	8.99	30.7	8.50
	3.0	2.2	39.5	9.72	37.3	9.39	35.1	9.08	33.9	8.67	32.9	8.38	30.7	7.91
	5.0	4.1	39.5	8.57	36.6	8.07	34.4	7.79	33.2	7.44	32.3	7.20	30.1	6.78
	7.0	6	39.6	8.25	35.6	7.54	33.5	7.28	32.4	6.96	31.4	6.75	29.3	6.34
	9.0	7.9	38.1	7.13	34.3	6.52	32.3	6.30	31.2	6.01	30.3	5.83	28.2	5.48
	11.0	9.8	36.1	6.32	32.5	5.77	30.6	5.58	29.5	5.33	28.6	5.17	26.7	4.86
	13.0	11.8	33.9	5.53	30.5	5.05	28.7	4.89	27.7	4.66	26.9	4.52	25.1	4.25
	15.0	13.7	32.0	4.92	28.9	4.50	27.1	4.35	26.2	4.15	25.4	4.02	23.7	3.78
60	-24.8	-25	28.0	13.16	28.0	13.53	27.8	14.08	27.8	13.41	27.8	12.78	26.3	12.18
	-21.8	-22	31.5	13.71	32.1	14.08	30.1	13.41	29.1	12.78	28.1	12.18	26.3	11.60
	-19.8	-20	33.9	14.08	32.1	13.61	30.1	12.96	29.1	12.36	28.1	11.78	26.3	11.21
	-18.8	-19	33.9	13.84	32.1	13.37	30.1	12.74	29.1	12.15	28.1	11.58	26.3	11.01
	-16.7	-17	33.9	13.35	32.1	12.88	30.1	12.27	29.1	11.70	28.1	11.16	26.3	10.60
	-13.7	-15	33.9	12.65	32.1	12.18	30.1	11.60	29.1	11.07	28.1	10.57	26.3	10.02
	-11.8	-13	33.9	12.21	32.1	11.73	30.1	11.18	29.1	10.67	28.1	10.19	26.3	9.65
	-9.8	-11	33.9	11.74	32.1	11.27	30.1	10.73	29.1	10.25	28.1	9.79	26.3	9.26
	-9.5	-10	33.9	11.67	32.1	11.20	30.1	10.67	29.1	10.19	28.1	9.73	26.3	9.20
	-8.5	-9.1	33.9	11.44	32.1	10.96	30.1	10.44	29.1	9.98	28.1	9.53	26.3	9.01
	-7.0	-7.6	33.9	11.09	32.1	10.61	30.1	10.11	29.1	9.66	28.1	9.23	26.3	8.72
	-5.0	-5.6	33.9	10.63	32.1	10.14	30.1	9.66	29.1	9.24	28.1	8.83	26.3	8.33
	-3.0	-3.7	33.9	10.16	32.1	9.67	30.1	9.22	29.1	8.82	28.1	8.44	26.3	7.94
	0.0	-0.7	33.9	9.46	32.1	8.97	30.1	8.55	29.1	8.19	28.1	7.84	26.3	7.35
	3.0	2.2	33.9	8.76	32.1	8.27	30.1	7.88	29.1	7.56	28.1	7.24	26.3	6.77
	5.0	4.1	33.2	7.50	31.5	7.05	29.5	6.71	28.5	6.45	27.5	6.18	25.8	5.76
	7.0	6	32.4	6.97	30.7	6.53	28.7	6.22	27.8	5.98	26.8	5.74	25.1	5.33
	9.0	7.9	31.2	5.96	29.5	5.58	27.7	5.32	26.8	5.11	25.8	4.91	24.2	4.56
	11.0	9.8	29.5	5.28	27.9	4.94	26.2	4.71	25.3	4.53	24.4	4.34	22.9	4.04
	13.0	11.8	27.7	4.62	26.2	4.33	24.6	4.12	23.8	3.96	23.0	3.80	21.5	3.54
	15.0	13.7	26.2	4.15	24.8	3.88	23.3	3.67	22.5	3.53	21.7	3.38	20.3	3.17
50	-24.8	-25	28.3	12.05	26.7	12.60	25.1	11.97	24.3	11.38	23.5	10.81	21.9	10.29
	-21.8	-22	28.3	12.60	26.7	11.97	25.1	11.38	24.3	10.81	23.5	10.29	21.9	9.78
	-19.8	-20	28.3	12.16	26.7	11.55	25.1	10.98	24.3	10.44	23.5	9.94	21.9	9.44
	-18.8	-19	28.3	11.95	26.7	11.34	25.1	10.79	24.3	10.25	23.5	9.76	21.9	9.27
	-16.7	-17	28.3	11.49	26.7	10.90	25.1	10.37	24.3	9.86	23.5	9.40	21.9	8.91
	-13.7	-15	28.3	10.83	26.7	10.27	25.1	9.78	24.3	9.29	23.5	8.87	21.9	8.40
	-11.8	-13	28.3	10.42	26.7	9.87	25.1	9.40	24.3	8.94	23.5	8.54	21.9	8.08
	-9.8	-11	28.3	9.98	26.7	9.45	25.1	9.01	24.3	8.56	23.5	8.19	21.9	7.74
	-9.5	-10	28.3	9.92	26.7	9.38	25.1	8.95	24.3	8.51	23.5	8.13	21.9	7.69
	-8.5	-9.1	28.3	9.70	26.7	9.17	25.1	8.75	24.3	8.32	23.5	7.96	21.9	7.52
	-7.0	-7.6	28.3	9.37	26.7	8.86	25.1	8.46	24.3	8.04	23.5	7.70	21.9	7.27
	-5.0	-5.6	28.3	8.93	26.7	8.44	25.1	8.06	24.3	7.66	23.5	7.34	21.9	6.93
	-3.0	-3.7	28.3	8.50	26.7	8.02	25.1	7.67	24.3	7.29	23.5	6.99	21.9	6.59
	0.0	-0.7	28.3	7.84	26.7	7.38	25.1	7.08	24.3	6.72	23.5	6.47	21.9	6.08
	3.0	2.2	28.3	7.19	26.7	6.75	25.1	6.48	24.3	6.16	23.5	5.94	21.9	5.57
	5.0	4.1	27.7	6.10	26.2	5.72	24.6	5.50	23.8	5.23	23.0	5.05	21.4	4.73
	7.0	6	27.0	5.62	25.5	5.26	24.0	5.07	23.2	4.81	22.4	4.67	20.9	4.35
	9.0	7.9	26.0	4.86	24.6	4.55	23.1	4.38	22.3	4.16	21.6	4.03	20.1	3.76
	11.0	9.8	24.7	4.35	23.3	4.07	21.9	3.92	21.1	3.73	20.4	3.61	19.0	3.37
	13.0	11.8	23.1	3.77	21.8	3.53	20.5	3.40	19.8	3.25	19.2	3.13	17.9	2.94
	15.0	13.7	21.9	3.39	20.6	3.18	19.4	3.06	18.8	2.91	18.1	2.82	16.9	2.63

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM180LTE5

Heating Capacity (18HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	37.3	17.62	37.3	17.73	37.0	17.83	37.0	17.98	37.0	18.13	36.3	18.36
	-21.8	-22	44.2	17.85	44.2	17.96	43.9	18.06	43.9	18.21	43.9	18.36	43.1	18.59
	-19.8	-20	46.1	18.00	46.1	18.11	45.8	18.21	45.8	18.37	45.8	18.51	44.9	18.74
	-18.8	-19	47.0	18.07	47.0	18.19	46.7	18.29	46.7	18.44	46.7	18.59	45.8	18.82
	-16.7	-17	48.9	18.24	48.9	18.35	48.5	18.45	48.5	18.60	48.5	18.75	47.6	18.98
	-13.7	-15	51.6	18.46	51.6	18.58	51.2	18.68	51.2	18.83	51.2	18.98	50.3	18.19
	-11.8	-13	53.2	18.61	53.2	18.72	52.9	18.82	52.9	18.98	52.9	18.44	51.9	17.69
	-9.8	-11	55.0	18.76	55.0	18.88	54.7	18.98	54.7	18.40	54.7	17.88	53.7	17.17
	-9.5	-10	55.3	18.79	55.3	18.90	55.0	18.89	55.0	18.31	54.9	17.80	54.0	17.09
	-8.5	-9.1	56.4	18.86	56.4	18.98	56.1	18.59	56.1	18.03	55.8	17.52	54.8	16.83
	-7.0	-7.6	58.0	18.98	58.0	18.53	57.7	18.14	57.7	17.59	57.7	17.09	56.2	16.43
	-5.0	-5.6	60.2	18.39	60.2	17.94	59.8	17.55	59.8	17.02	59.8	16.53	57.9	15.91
	-3.0	-3.7	62.3	17.80	62.3	17.35	61.9	16.95	61.9	16.44	61.9	15.97	59.7	15.39
	0.0	-0.7	65.5	16.92	65.5	16.46	65.1	16.06	65.1	15.58	65.1	15.13	62.3	14.60
	3.0	2.2	68.8	16.04	68.8	15.57	68.3	15.16	68.3	14.71	68.3	14.28	64.0	13.81
	5.0	4.1	69.6	14.05	69.5	13.60	69.1	13.21	69.1	12.81	67.4	12.41	62.7	12.00
	7.0	6	69.9	13.23	69.8	12.81	69.3	12.43	68.0	12.07	65.7	11.71	61.1	11.36
	9.0	7.9	67.6	12.22	67.4	11.82	67.2	11.48	65.5	11.15	63.3	10.81	58.9	10.49
	11.0	9.8	63.9	11.35	63.8	10.99	63.6	10.67	62.0	10.36	59.8	10.05	55.7	9.75
	13.0	11.8	60.0	10.34	59.9	10.00	59.7	9.71	58.2	9.43	56.2	9.15	52.3	8.87
	15.0	13.7	56.8	9.47	56.6	9.16	56.5	8.90	55.1	8.64	53.2	8.38	49.5	8.13
120	-24.8	-25	37.0	17.73	37.0	17.83	36.8	17.98	36.8	18.13	36.8	18.36	36.1	18.52
	-21.8	-22	43.9	17.96	43.9	18.06	43.6	18.21	43.6	18.36	43.6	18.59	42.8	18.75
	-19.8	-20	45.7	18.11	45.7	18.21	45.4	18.37	45.4	18.51	45.4	18.74	44.6	18.90
	-18.8	-19	46.6	18.19	46.6	18.29	46.3	18.44	46.3	18.59	46.3	18.82	45.5	18.98
	-16.7	-17	48.5	18.35	48.5	18.45	48.2	18.60	48.2	18.75	48.2	18.98	47.3	18.47
	-13.7	-15	51.2	18.58	51.2	18.68	50.9	18.83	50.9	18.98	50.9	18.22	49.9	17.75
	-11.8	-13	52.9	18.72	52.9	18.82	52.5	18.98	52.5	18.44	52.5	17.74	51.6	17.29
	-9.8	-11	54.6	18.88	54.6	18.98	54.3	18.38	54.3	17.87	54.3	17.23	53.3	16.81
	-9.5	-10	54.9	18.90	54.9	18.88	54.6	18.29	54.6	17.79	54.6	17.16	53.6	16.74
	-8.5	-9.1	56.0	18.98	56.0	18.56	55.7	17.99	55.7	17.50	55.5	16.91	54.5	16.50
	-7.0	-7.6	57.6	18.50	57.6	18.09	57.2	17.55	57.2	17.08	56.8	16.53	55.8	16.13
	-5.0	-5.6	59.7	17.86	59.7	17.45	59.4	16.95	59.4	16.51	59.4	16.02	57.5	15.65
	-3.0	-3.7	61.9	17.22	61.9	16.82	61.5	16.35	61.5	15.95	61.5	15.52	59.3	15.17
	0.0	-0.7	65.1	16.26	65.1	15.86	64.7	15.46	64.7	15.10	64.7	14.76	60.1	14.45
	3.0	2.2	68.3	15.30	68.3	14.91	67.8	14.57	66.8	14.25	64.7	14.00	60.1	13.72
	5.0	4.1	69.2	13.32	69.0	12.95	67.7	12.65	65.5	12.38	63.4	12.19	58.9	11.95
	7.0	6	69.5	12.48	68.7	12.14	66.0	11.90	63.8	11.67	61.8	11.56	57.4	11.36
	9.0	7.9	67.1	11.50	66.2	11.18	63.6	10.96	61.4	10.75	59.5	10.65	55.3	10.46
	11.0	9.8	63.4	10.66	62.6	10.37	60.1	10.16	58.1	9.97	56.3	9.87	52.3	9.70
	13.0	11.8	59.6	9.67	58.8	9.41	56.5	9.22	54.6	9.05	52.9	8.96	49.1	8.80
	15.0	13.7	56.4	8.83	55.6	8.59	53.4	8.42	51.6	8.26	50.0	8.18	46.5	8.03
110	-24.8	-25	36.8	17.83	36.8	17.98	36.6	18.13	36.6	18.36	36.6	18.52	35.9	18.59
	-21.8	-22	43.7	18.06	43.7	18.21	43.4	18.36	43.4	18.59	43.4	18.75	42.6	18.82
	-19.8	-20	45.5	18.21	45.5	18.37	45.2	18.51	45.2	18.74	45.2	18.90	44.3	18.98
	-18.8	-19	46.4	18.29	46.4	18.44	46.1	18.59	46.1	18.82	46.1	18.98	45.2	18.71
	-16.7	-17	48.2	18.45	48.2	18.60	47.9	18.75	47.9	18.98	47.9	18.43	47.0	18.16
	-13.7	-15	50.9	18.68	50.9	18.83	50.6	18.98	50.6	18.15	50.6	17.66	50.6	17.37
	-11.8	-13	52.6	18.82	52.6	18.98	52.2	18.39	52.2	17.63	52.2	17.17	52.2	16.87
	-9.8	-11	54.3	18.98	54.3	18.32	54.0	17.78	54.0	17.08	54.0	16.65	53.3	16.35
	-9.5	-10	54.6	18.87	54.6	18.22	54.3	17.69	54.3	17.00	54.3	16.57	54.1	16.27
	-8.5	-9.1	55.7	18.51	55.7	17.89	55.4	17.38	55.4	16.72	55.4	16.31	54.1	16.00
	-7.0	-7.6	57.3	17.97	57.3	17.39	56.9	16.92	56.9	16.31	56.9	15.93	54.1	15.61
	-5.0	-5.6	59.4	17.26	59.4	16.73	59.0	16.31	59.0	15.76	57.9	15.41	54.1	15.08
	-3.0	-3.7	61.5	16.54	61.5	16.07	61.2	15.69	60.0	15.21	57.9	14.89	54.1	14.56
	0.0	-0.7	64.7	15.47	64.7	15.08	62.0	14.77	60.0	14.39	57.9	14.12	54.1	13.77
	3.0	2.2	67.9	14.39	66.1	14.09	62.0	13.85	60.0	13.57	57.9	13.34	54.1	12.98
	5.0	4.1	68.5	12.42	64.7	12.17	60.8	11.98	58.8	11.76	56.8	11.58	53.0	11.24
	7.0	6	66.7	11.53	63.1	11.36	59.2	11.23	57.3	11.10	55.3	10.95	51.7	10.62
	9.0	7.9	64.3	10.57	60.8	10.41	57.0	10.30	55.2	10.17	53.3	10.04	49.8	9.73
	11.0	9.8	60.8	9.74	57.5	9.60	53.9	9.49	52.2	9.37	50.4	9.25	47.1	8.97
	13.0	11.8	57.1	8.79	54.0	8.65	50.7	8.56	49.0	8.45	47.3	8.34	44.2	8.09
	15.0	13.7	54.0	7.96	51.1	7.84	47.9	7.75	46.4	7.66	44.8	7.56	41.8	7.32

7. Capacity Tables

Heating Capacity (18HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	36.6	18.53	36.6	18.59	36.4	17.83	36.4	18.73	36.4	18.80	35.7	18.83
	-21.8	-22	43.5	18.62	43.5	18.68	43.2	18.40	43.2	18.82	43.2	18.98	42.4	18.92
	-19.8	-20	45.3	18.68	45.3	18.74	45.0	18.75	45.0	18.88	45.0	18.98	44.2	18.98
	-18.8	-19	46.2	18.71	45.9	18.77	45.9	18.82	45.9	18.91	45.9	18.98	45.0	18.66
	-16.7	-17	47.7	18.77	47.7	18.83	47.7	18.98	47.5	18.98	47.5	18.32	46.6	18.00
	-13.7	-15	50.7	18.86	50.7	18.92	50.4	18.98	50.4	18.02	50.4	17.39	49.4	17.05
	-11.8	-13	52.3	18.92	52.0	18.98	52.0	18.33	52.0	17.41	52.0	16.79	49.4	16.45
	-9.8	-11	54.0	18.98	54.0	18.25	53.8	17.65	53.8	16.78	53.1	16.17	49.4	15.82
	-9.5	-10	54.3	18.86	54.3	18.14	54.1	17.55	54.1	16.68	53.1	16.08	49.4	15.72
	-8.5	-9.1	55.4	18.48	55.4	17.78	55.1	17.21	54.9	16.36	53.1	15.76	49.4	15.41
	-7.0	-7.6	57.9	17.90	57.7	17.23	56.7	16.70	54.9	15.89	53.1	15.30	49.4	14.93
	-5.0	-5.6	60.5	17.14	59.9	16.51	56.7	16.02	54.9	15.25	53.1	14.67	49.4	14.30
	-3.0	-3.7	62.2	16.37	60.3	15.78	56.7	15.34	54.9	14.61	53.1	14.05	49.4	13.67
	0.0	-0.7	64.0	15.23	60.3	14.69	56.7	14.32	54.9	13.65	53.1	13.11	49.4	12.72
	3.0	2.2	64.0	14.08	60.3	13.60	56.7	13.30	54.9	12.70	53.1	12.18	49.4	11.77
	5.0	4.1	62.7	12.10	59.1	11.68	55.6	11.43	53.8	10.91	52.0	10.44	48.5	10.07
	7.0	6	61.1	11.17	57.6	10.81	54.1	10.63	52.4	10.17	50.7	9.73	47.2	9.36
	9.0	7.9	58.8	10.03	55.5	9.71	52.2	9.55	50.5	9.13	48.8	8.74	45.5	8.40
	11.0	9.8	55.6	9.02	52.5	8.74	49.3	8.59	47.8	8.22	46.2	7.86	43.0	7.56
	13.0	11.8	52.3	7.90	49.3	7.65	46.3	7.52	44.8	7.20	43.4	6.88	40.4	6.62
	15.0	13.7	49.4	6.91	46.6	6.69	43.8	6.57	42.4	6.29	41.0	6.02	38.2	5.79
90	-24.8	-25	36.5	17.15	36.5	17.38	36.3	17.54	36.3	17.62	36.3	17.77	35.6	18.00
	-21.8	-22	43.3	17.38	43.3	17.61	43.0	17.77	43.0	17.85	43.0	18.00	42.2	17.20
	-19.8	-20	45.1	17.53	45.1	17.76	44.8	17.92	44.8	18.00	44.8	17.45	44.0	16.67
	-18.8	-19	46.2	17.61	45.9	17.84	45.7	18.00	45.7	17.72	45.7	17.18	44.8	16.41
	-16.7	-17	47.7	17.77	47.7	18.00	47.5	17.41	47.5	17.12	47.5	16.61	45.2	15.85
	-13.7	-15	50.7	18.00	50.7	17.13	50.2	16.58	50.2	16.28	48.7	15.79	45.2	15.05
	-11.8	-13	52.3	17.40	52.0	16.57	51.8	16.05	50.3	15.74	48.7	15.27	45.2	14.55
	-9.8	-11	54.0	16.77	54.0	15.99	51.9	15.49	50.3	15.18	48.7	14.72	45.2	14.02
	-9.5	-10	54.3	16.67	54.3	15.91	51.9	15.41	50.3	15.10	48.7	14.64	45.2	13.94
	-8.5	-9.1	55.4	16.36	55.0	15.62	51.9	15.13	50.3	14.81	48.7	14.37	45.2	13.67
	-7.0	-7.6	57.9	15.88	55.1	15.18	51.9	14.71	50.3	14.39	48.7	13.96	45.2	13.27
	-5.0	-5.6	58.6	15.25	55.1	14.60	51.9	14.16	50.3	13.83	48.7	13.41	45.2	12.74
	-3.0	-3.7	58.6	14.62	55.1	14.02	51.9	13.60	50.3	13.26	48.7	12.86	45.2	12.21
	0.0	-0.7	58.6	13.67	55.1	13.15	51.9	12.76	50.3	12.42	48.7	12.05	45.2	11.41
	3.0	2.2	58.6	12.73	55.1	12.27	51.9	11.93	50.3	11.57	48.7	11.23	45.2	10.62
	5.0	4.1	57.4	10.96	54.0	10.57	50.8	10.27	49.3	9.95	47.7	9.64	44.3	9.10
	7.0	6	55.9	10.20	52.6	9.89	49.5	9.62	48.0	9.30	46.5	9.02	43.2	8.51
	9.0	7.9	53.9	9.17	50.7	8.88	47.7	8.64	46.2	8.35	44.8	8.10	41.6	7.64
	11.0	9.8	51.0	8.16	47.9	7.91	45.1	7.70	43.7	7.44	42.3	7.22	39.3	6.80
	13.0	11.8	47.8	7.00	45.0	6.79	42.4	6.61	41.1	6.38	39.7	6.19	36.9	5.84
	15.0	13.7	45.3	6.06	42.6	5.87	40.1	5.71	38.9	5.52	37.6	5.35	34.9	5.05
80	-24.8	-25	36.3	15.11	36.3	15.34	36.1	15.50	36.1	15.58	36.1	15.96	35.4	15.26
	-21.8	-22	42.9	15.34	42.9	15.57	42.9	15.73	42.9	15.96	42.9	15.26	40.4	14.59
	-19.8	-20	44.6	15.49	44.6	15.72	44.6	15.96	44.6	15.46	43.4	14.79	40.4	14.14
	-18.8	-19	45.5	15.57	45.5	15.96	45.5	15.71	45.0	15.22	43.4	14.56	40.4	13.92
	-16.7	-17	46.4	15.96	46.4	15.43	46.4	15.18	45.0	14.70	43.4	14.07	40.4	13.45
	-13.7	-15	48.5	15.18	47.6	14.68	46.4	14.42	45.0	13.95	43.4	13.37	40.4	12.78
	-11.8	-13	50.1	14.68	48.6	14.20	46.4	13.94	45.0	13.48	43.4	12.92	40.4	12.35
	-9.8	-11	51.4	14.16	49.1	13.70	46.4	13.44	45.0	12.98	43.4	12.45	40.4	11.90
	-9.5	-10	51.7	14.08	49.4	13.62	46.4	13.36	45.0	12.91	43.4	12.38	40.4	11.84
	-8.5	-9.1	52.1	13.82	49.4	13.37	46.4	13.11	45.0	12.66	43.4	12.15	40.4	11.61
	-7.0	-7.6	52.4	13.42	49.4	13.00	46.4	12.73	45.0	12.29	43.4	11.80	40.4	11.28
	-5.0	-5.6	52.4	12.90	49.4	12.49	46.4	12.23	45.0	11.79	43.4	11.33	40.4	10.83
	-3.0	-3.7	52.4	12.38	49.4	11.99	46.4	11.72	45.0	11.30	43.4	10.87	40.4	10.38
	0.0	-0.7	52.4	11.59	49.4	11.24	46.4	10.97	45.0	10.55	43.4	10.16	40.4	9.71
	3.0	2.2	52.4	10.81	49.4	10.49	46.4	10.21	45.0	9.81	43.4	9.46	40.4	9.04
	5.0	4.1	51.4	9.30	48.4	9.02	45.5	8.77	44.1	8.41	42.5	8.12	39.6	7.75
	7.0	6	50.1	8.69	47.2	8.44	44.3	8.19	43.0	7.85	41.4	7.59	38.6	7.25
	9.0	7.9	48.2	7.56	45.5	7.35	42.7	7.17	41.4	6.90	39.9	6.65	37.1	6.34
	11.0	9.8	45.6	6.52	43.0	6.34	40.4	6.19	39.2	5.95	37.8	5.74	35.1	5.47
	13.0	11.8	42.8	5.47	40.4	5.32	37.9	5.19	36.8	4.99	35.5	4.82	33.0	4.59
	15.0	13.7	40.5	4.73	38.2	4.60	35.9	4.49	34.8	4.31	33.5	4.16	31.2	3.96

7. Capacity Tables

Heating Capacity (18HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	36.3	15.13	36.3	15.20	36.1	15.36	36.1	15.59	36.1	14.83	34.5	14.12
	-21.8	-22	39.8	15.36	39.8	15.43	39.5	15.59	38.2	14.83	37.0	14.12	34.5	13.43
	-19.8	-20	42.0	15.51	42.0	15.59	39.5	15.05	38.2	14.32	37.0	13.64	34.5	12.98
	-18.8	-19	43.2	15.59	42.0	15.31	39.5	14.78	38.2	14.07	37.0	13.41	34.5	12.75
	-16.7	-17	44.5	15.01	42.0	14.73	39.5	14.22	38.2	13.53	37.0	12.91	34.5	12.27
	-13.7	-15	44.5	14.19	42.0	13.90	39.5	13.42	38.2	12.77	37.0	12.20	34.5	11.59
	-11.8	-13	44.5	13.66	42.0	13.37	39.5	12.91	38.2	12.29	37.0	11.75	34.5	11.15
	-9.8	-11	44.5	13.12	42.0	12.82	39.5	12.38	38.2	11.79	37.0	11.28	34.5	10.70
	-9.5	-10	44.5	13.03	42.0	12.73	39.5	12.30	38.2	11.71	37.0	11.21	34.5	10.63
	-8.5	-9.1	44.5	12.76	42.0	12.46	39.5	12.03	38.2	11.46	37.0	10.97	34.5	10.40
	-7.0	-7.6	44.5	12.35	42.0	12.04	39.5	11.63	38.2	11.08	37.0	10.62	34.5	10.06
	-5.0	-5.6	44.5	11.80	42.0	11.49	39.5	11.10	38.2	10.57	37.0	10.14	34.5	9.60
	-3.0	-3.7	44.5	11.25	42.0	10.93	39.5	10.56	38.2	10.06	37.0	9.67	34.5	9.15
	0.0	-0.7	44.5	10.42	42.0	10.10	39.5	9.76	38.2	9.30	37.0	8.96	34.5	8.46
	3.0	2.2	44.5	9.60	42.0	9.27	39.5	8.96	38.2	8.54	37.0	8.25	34.5	7.78
	5.0	4.1	44.5	8.37	41.1	7.88	38.7	7.62	37.4	7.26	36.3	7.02	33.8	6.61
	7.0	6	44.5	7.95	40.1	7.26	37.7	7.02	36.4	6.70	35.4	6.50	33.0	6.11
	9.0	7.9	42.9	6.71	38.6	6.13	36.3	5.93	35.1	5.66	34.1	5.49	31.8	5.16
	11.0	9.8	40.6	5.78	36.5	5.28	34.4	5.11	33.2	4.88	32.2	4.73	30.0	4.44
	13.0	11.8	38.1	4.89	34.3	4.47	32.3	4.32	31.2	4.13	30.2	4.00	28.2	3.76
	15.0	13.7	36.0	4.18	32.5	3.82	30.5	3.69	29.5	3.52	28.6	3.42	26.7	3.21
60	-24.8	-25	34.1	14.97	34.1	15.13	33.9	15.36	32.7	14.54	31.6	13.78	29.6	13.07
	-21.8	-22	36.5	15.20	36.1	15.36	33.9	14.54	32.7	13.78	31.6	13.07	29.6	12.38
	-19.8	-20	38.2	15.36	36.1	14.78	33.9	14.00	32.7	13.27	31.6	12.59	29.6	11.92
	-18.8	-19	38.2	15.07	36.1	14.49	33.9	13.73	32.7	13.02	31.6	12.35	29.6	11.69
	-16.7	-17	38.2	14.45	36.1	13.89	33.9	13.16	32.7	12.49	31.6	11.85	29.6	11.21
	-13.7	-15	38.2	13.58	36.1	13.02	33.9	12.35	32.7	11.73	31.6	11.14	29.6	10.52
	-11.8	-13	38.2	13.02	36.1	12.48	33.9	11.83	32.7	11.24	31.6	10.69	29.6	10.09
	-9.8	-11	38.2	12.44	36.1	11.90	33.9	11.29	32.7	10.74	31.6	10.21	29.6	9.63
	-9.5	-10	38.2	12.35	36.1	11.82	33.9	11.21	32.7	10.66	31.6	10.14	29.6	9.56
	-8.5	-9.1	38.2	12.06	36.1	11.53	33.9	10.94	32.7	10.41	31.6	9.90	29.6	9.33
	-7.0	-7.6	38.2	11.62	36.1	11.10	33.9	10.53	32.7	10.03	31.6	9.54	29.6	8.99
	-5.0	-5.6	38.2	11.04	36.1	10.52	33.9	9.99	32.7	9.52	31.6	9.07	29.6	8.53
	-3.0	-3.7	38.2	10.46	36.1	9.94	33.9	9.45	32.7	9.01	31.6	8.59	29.6	8.07
	0.0	-0.7	38.2	9.58	36.1	9.08	33.9	8.63	32.7	8.25	31.6	7.88	29.6	7.38
	3.0	2.2	38.2	8.71	36.1	8.22	33.9	7.82	32.7	7.49	31.6	7.16	29.6	6.69
	5.0	4.1	37.4	7.36	35.4	6.92	33.2	6.58	32.1	6.31	31.0	6.05	29.0	5.64
	7.0	6	36.4	6.71	34.5	6.29	32.3	5.99	31.3	5.76	30.2	5.53	28.2	5.14
	9.0	7.9	35.1	5.61	33.2	5.25	31.2	5.01	30.1	4.81	29.1	4.62	27.2	4.29
	11.0	9.8	33.2	4.83	31.4	4.52	29.5	4.31	28.5	4.14	27.5	3.98	25.7	3.70
	13.0	11.8	31.2	4.09	29.5	3.83	27.7	3.65	26.7	3.51	25.8	3.36	24.2	3.13
	15.0	13.7	29.5	3.52	27.9	3.30	26.2	3.11	25.3	2.99	24.4	2.87	22.9	2.70
50	-24.8	-25	31.8	13.02	30.0	13.25	28.2	12.54	27.3	11.87	26.4	11.24	24.6	10.66
	-21.8	-22	31.8	13.25	30.0	12.54	28.2	11.87	27.3	11.24	26.4	10.66	24.6	10.10
	-19.8	-20	31.8	12.75	30.0	12.06	28.2	11.43	27.3	10.82	26.4	10.27	24.6	9.72
	-18.8	-19	31.8	12.50	30.0	11.82	28.2	11.21	27.3	10.62	26.4	10.08	24.6	9.54
	-16.7	-17	31.8	11.98	30.0	11.33	28.2	10.74	27.3	10.18	26.4	9.67	24.6	9.14
	-13.7	-15	31.8	11.23	30.0	10.61	28.2	10.08	27.3	9.55	26.4	9.08	24.6	8.58
	-11.8	-13	31.8	10.76	30.0	10.16	28.2	9.65	27.3	9.15	26.4	8.71	24.6	8.23
	-9.8	-11	31.8	10.26	30.0	9.69	28.2	9.21	27.3	8.73	26.4	8.32	24.6	7.85
	-9.5	-10	31.8	10.19	30.0	9.62	28.2	9.14	27.3	8.67	26.4	8.26	24.6	7.80
	-8.5	-9.1	31.8	9.94	30.0	9.38	28.2	8.92	27.3	8.46	26.4	8.07	24.6	7.61
	-7.0	-7.6	31.8	9.57	30.0	9.02	28.2	8.59	27.3	8.14	26.4	7.78	24.6	7.33
	-5.0	-5.6	31.8	9.07	30.0	8.55	28.2	8.15	27.3	7.73	26.4	7.39	24.6	6.96
	-3.0	-3.7	31.8	8.57	30.0	8.07	28.2	7.70	27.3	7.31	26.4	7.00	24.6	6.58
	0.0	-0.7	31.8	7.83	30.0	7.36	28.2	7.04	27.3	6.68	26.4	6.41	24.6	6.02
	3.0	2.2	31.8	7.08	30.0	6.65	28.2	6.37	27.3	6.05	26.4	5.83	24.6	5.46
	5.0	4.1	31.2	5.96	29.4	5.58	27.7	5.36	26.8	5.09	25.9	4.92	24.1	4.60
	7.0	6	30.4	5.42	28.7	5.07	26.9	4.88	26.1	4.64	25.2	4.50	23.5	4.19
	9.0	7.9	29.3	4.57	27.6	4.28	26.0	4.12	25.1	3.92	24.3	3.80	22.6	3.54
	11.0	9.8	27.8	3.98	26.3	3.73	24.7	3.59	23.8	3.41	23.0	3.31	21.4	3.08
	13.0	11.8	26.0	3.33	24.5	3.12	23.1	3.01	22.3	2.87	21.6	2.77	20.1	2.60
	15.0	13.7	24.6	2.88	23.2	2.70	21.8	2.60	21.1	2.47	20.4	2.39	19.0	2.23

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM200LTE5

Heating Capacity (20HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	39.5	21.22	39.5	21.29	39.2	21.35	39.2	21.44	39.2	21.53	38.5	21.66
	-21.8	-22	48.0	21.36	48.0	21.43	47.7	21.49	47.7	21.58	47.7	21.66	46.8	21.80
	-19.8	-20	50.7	21.45	50.7	21.52	50.3	21.58	50.3	21.67	50.3	21.75	49.4	21.89
	-18.8	-19	51.7	21.49	51.7	21.56	51.4	21.62	51.4	21.71	51.4	21.80	50.4	21.93
	-16.7	-17	54.0	21.59	54.0	21.66	53.7	21.72	53.7	21.81	53.7	21.89	52.7	22.03
	-13.7	-15	57.3	21.73	57.3	21.79	57.0	21.85	57.0	21.94	57.0	22.03	55.9	21.23
	-11.8	-13	59.2	21.81	59.2	21.88	58.8	21.94	58.8	22.03	58.8	21.49	57.9	20.72
	-9.8	-11	61.1	21.90	61.1	21.97	60.8	22.03	60.8	21.46	60.8	20.93	60.0	20.19
	-9.5	-10	61.5	21.92	61.5	21.98	61.1	21.94	61.1	21.38	61.1	20.84	60.3	20.11
	-8.5	-9.1	62.7	21.96	62.7	22.03	62.3	21.65	62.3	21.09	62.0	20.56	61.4	19.84
	-7.0	-7.6	64.5	22.03	64.5	21.61	64.1	21.22	64.1	20.66	64.1	20.14	63.0	19.44
	-5.0	-5.6	66.8	21.49	66.8	21.05	66.4	20.65	66.4	20.10	66.4	19.58	65.1	18.91
	-3.0	-3.7	69.2	20.96	69.2	20.49	68.8	20.07	68.8	19.53	68.8	19.01	67.2	18.37
	0.0	-0.7	72.7	20.16	72.7	19.66	72.3	19.20	72.3	18.68	72.3	18.17	70.4	17.57
	3.0	2.2	76.3	19.36	76.3	18.82	75.8	18.34	75.8	17.82	75.8	17.32	71.1	16.77
	5.0	4.1	77.2	17.10	77.1	16.56	76.6	16.10	76.6	15.61	74.9	15.15	69.7	14.66
	7.0	6	77.5	16.28	77.4	15.75	76.9	15.30	75.6	14.85	73.0	14.41	67.9	13.98
	9.0	7.9	75.1	15.19	74.9	14.70	74.7	14.28	72.8	13.86	70.3	13.45	65.4	13.05
	11.0	9.8	71.0	14.30	70.8	13.84	70.6	13.43	68.9	13.04	66.5	12.65	61.9	12.28
	13.0	11.8	66.7	13.20	66.5	12.77	66.3	12.40	64.7	12.04	62.4	11.68	58.1	11.33
	15.0	13.7	63.1	12.29	62.9	11.89	62.7	11.55	61.2	11.21	59.1	10.88	55.0	10.55
120	-24.8	-25	39.2	21.29	39.2	21.35	38.9	21.44	38.9	21.53	38.9	21.66	38.2	21.76
	-21.8	-22	47.7	21.43	47.7	21.49	47.4	21.58	47.4	21.66	47.4	21.80	46.5	21.89
	-19.8	-20	50.3	21.52	50.3	21.58	50.0	21.67	50.0	21.75	50.0	21.89	49.0	21.98
	-18.8	-19	51.4	21.56	51.4	21.62	51.1	21.71	51.1	21.80	51.1	21.93	50.1	22.03
	-16.7	-17	53.7	21.66	53.7	21.72	53.3	21.81	53.3	21.89	53.3	22.03	52.3	21.51
	-13.7	-15	56.9	21.79	56.9	21.85	56.6	21.94	56.6	22.03	56.6	21.26	55.5	20.78
	-11.8	-13	58.8	21.88	58.8	21.94	58.4	22.03	58.4	21.49	58.4	20.78	57.5	20.31
	-9.8	-11	60.7	21.97	60.7	22.03	60.3	21.44	60.3	20.92	60.3	20.27	59.6	19.82
	-9.5	-10	61.1	21.98	61.1	21.94	60.7	21.35	60.7	20.83	60.7	20.19	59.9	19.75
	-8.5	-9.1	62.2	22.03	62.2	21.62	61.9	21.05	61.9	20.55	61.9	19.94	61.0	19.50
	-7.0	-7.6	64.0	21.57	64.0	21.15	63.6	20.61	63.6	20.12	63.6	19.56	62.5	19.13
	-5.0	-5.6	66.4	20.95	66.4	20.53	65.9	20.01	65.9	19.55	65.9	19.05	64.7	18.64
	-3.0	-3.7	68.7	20.33	68.7	19.91	68.3	19.42	68.3	18.98	68.3	18.54	66.8	18.15
	0.0	-0.7	72.2	19.41	72.2	18.97	71.8	18.53	71.8	18.13	71.8	17.77	66.8	17.42
	3.0	2.2	75.8	18.48	75.8	18.03	75.3	17.64	74.2	17.28	71.9	17.01	66.8	16.68
	5.0	4.1	76.8	16.21	76.5	15.78	75.2	15.43	72.7	15.10	70.5	14.89	65.5	14.60
	7.0	6	77.1	15.35	76.3	14.94	73.3	14.64	70.9	14.36	68.7	14.23	63.8	13.97
	9.0	7.9	74.5	14.29	73.5	13.90	70.6	13.63	68.3	13.37	66.2	13.24	61.4	13.00
	11.0	9.8	70.5	13.40	69.5	13.03	66.8	12.78	64.6	12.53	62.6	12.42	58.1	12.19
	13.0	11.8	66.2	12.32	65.3	11.99	62.7	11.75	60.6	11.53	58.8	11.42	54.6	11.22
	15.0	13.7	62.6	11.42	61.8	11.11	59.3	10.90	57.4	10.69	55.6	10.59	51.6	10.40
110	-24.8	-25	39.0	21.35	39.0	21.44	38.7	21.53	38.7	21.66	38.7	21.76	38.0	21.80
	-21.8	-22	47.4	21.49	47.4	21.58	47.1	21.66	47.1	21.80	47.1	21.89	46.2	21.94
	-19.8	-20	50.0	21.58	50.0	21.67	49.7	21.75	49.7	21.89	49.7	21.98	48.7	22.03
	-18.8	-19	51.1	21.62	51.1	21.71	50.8	21.80	50.8	21.93	50.8	22.03	49.8	21.75
	-16.7	-17	53.4	21.72	53.4	21.81	53.0	21.89	53.0	22.03	53.0	21.47	52.0	21.18
	-13.7	-15	56.6	21.85	56.6	21.94	56.2	22.03	56.2	21.18	56.2	20.67	56.2	20.35
	-11.8	-13	58.4	21.94	58.4	22.03	58.1	21.43	58.1	20.65	58.1	20.16	58.1	19.83
	-9.8	-11	60.4	22.03	60.4	21.36	60.0	20.80	60.0	20.08	60.0	19.63	59.6	19.28
	-9.5	-10	60.7	21.92	60.7	21.25	60.4	20.71	60.4	20.00	60.4	19.55	60.1	19.20
	-8.5	-9.1	61.9	21.56	61.9	20.92	61.5	20.40	61.5	19.71	61.5	19.28	60.1	18.93
	-7.0	-7.6	63.7	21.01	63.7	20.41	63.3	19.92	63.3	19.29	63.3	18.88	60.1	18.52
	-5.0	-5.6	66.0	20.29	66.0	19.74	65.6	19.30	65.6	18.73	64.4	18.35	60.1	17.97
	-3.0	-3.7	68.3	19.57	68.3	19.07	67.9	18.67	66.6	18.16	64.4	17.81	60.1	17.42
	0.0	-0.7	71.8	18.48	71.8	18.06	68.9	17.73	66.6	17.31	64.4	17.01	60.1	16.59
	3.0	2.2	75.3	17.39	73.4	17.05	68.9	16.78	66.6	16.47	64.4	16.21	60.1	15.77
	5.0	4.1	76.1	15.12	71.9	14.83	67.5	14.61	65.3	14.36	63.1	14.14	58.9	13.73
	7.0	6	74.2	14.19	70.1	13.98	65.8	13.82	63.6	13.65	61.5	13.48	57.4	13.06
	9.0	7.9	71.4	13.14	67.5	12.94	63.4	12.79	61.3	12.64	59.2	12.48	55.3	12.09
	11.0	9.8	67.6	12.24	63.9	12.06	59.9	11.93	58.0	11.78	56.0	11.63	52.3	11.27
	13.0	11.8	63.4	11.19	60.0	11.02	56.3	10.89	54.4	10.76	52.6	10.62	49.1	10.30
	15.0	13.7	60.0	10.29	56.7	10.13	53.3	10.02	51.5	9.90	49.8	9.77	46.5	9.47

7. Capacity Tables

Heating Capacity (20HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	38.8	23.35	38.8	23.18	38.6	21.35	38.6	22.74	38.6	22.56	37.8	22.47
	-21.8	-22	47.2	23.09	47.2	22.91	46.9	22.02	46.9	22.48	46.9	22.57	46.0	22.21
	-19.8	-20	49.8	22.91	49.8	22.73	49.5	22.43	49.5	22.30	49.5	22.21	48.5	22.03
	-18.8	-19	50.9	22.82	50.6	22.65	50.6	22.48	50.6	22.21	50.6	22.03	49.6	21.69
	-16.7	-17	52.8	22.64	52.8	22.46	52.8	22.57	52.5	22.03	52.5	21.33	51.5	20.98
	-13.7	-15	56.3	22.37	56.3	22.20	56.0	22.03	56.0	21.02	56.0	20.33	54.9	19.96
	-11.8	-13	58.1	22.21	57.8	22.03	57.8	21.36	57.8	20.38	57.8	19.70	54.9	19.31
	-9.8	-11	60.1	22.03	60.1	21.28	59.8	20.65	59.8	19.71	59.0	19.03	54.9	18.63
	-9.5	-10	60.4	21.91	60.4	21.16	60.1	20.54	60.1	19.61	59.0	18.94	54.9	18.53
	-8.5	-9.1	61.6	21.52	61.6	20.79	61.3	20.19	61.0	19.27	59.0	18.60	54.9	18.19
	-7.0	-7.6	64.4	20.93	64.1	20.22	63.0	19.65	61.0	18.76	59.0	18.10	54.9	17.68
	-5.0	-5.6	67.2	20.14	66.5	19.47	63.0	18.94	61.0	18.09	59.0	17.44	54.9	17.01
	-3.0	-3.7	69.1	19.36	67.0	18.72	63.0	18.24	61.0	17.42	59.0	16.77	54.9	16.33
	0.0	-0.7	71.1	18.18	67.0	17.59	63.0	17.17	61.0	16.41	59.0	15.77	54.9	15.31
	3.0	2.2	71.1	17.00	67.0	16.46	63.0	16.11	61.0	15.40	59.0	14.78	54.9	14.29
	5.0	4.1	69.6	14.72	65.7	14.23	61.7	13.94	59.8	13.31	57.8	12.75	53.8	12.29
	7.0	6	67.9	13.74	64.0	13.31	60.2	13.07	58.2	12.51	56.3	11.97	52.5	11.51
	9.0	7.9	65.4	12.66	61.7	12.26	58.0	12.05	56.1	11.52	54.3	11.03	50.5	10.60
	11.0	9.8	61.8	11.73	58.3	11.36	54.8	11.17	53.1	10.68	51.3	10.22	47.8	9.83
	13.0	11.8	58.1	10.65	54.8	10.32	51.5	10.14	49.8	9.70	48.2	9.28	44.9	8.92
	15.0	13.7	54.9	9.73	51.8	9.42	48.7	9.26	47.1	8.86	45.6	8.47	42.5	8.15
90	-24.8	-25	38.7	20.90	38.7	21.03	38.4	21.13	38.4	21.17	38.4	21.27	37.7	21.40
	-21.8	-22	47.0	21.03	47.0	21.17	46.7	21.27	46.7	21.31	46.7	21.40	45.8	20.49
	-19.8	-20	49.6	21.13	49.6	21.26	49.3	21.36	49.3	21.40	49.3	20.78	48.4	19.89
	-18.8	-19	50.9	21.17	50.6	21.31	50.4	21.40	50.4	21.08	50.4	20.47	49.4	19.58
	-16.7	-17	52.8	21.27	52.8	21.40	52.6	20.74	52.6	20.41	52.6	19.82	50.2	18.94
	-13.7	-15	56.3	21.40	56.3	20.42	55.8	19.80	55.8	19.46	54.1	18.89	50.2	18.04
	-11.8	-13	58.1	20.73	57.8	19.80	57.6	19.20	55.9	18.85	54.1	18.30	50.2	17.46
	-9.8	-11	60.1	20.03	60.1	19.15	57.6	18.58	55.9	18.21	54.1	17.68	50.2	16.85
	-9.5	-10	60.4	19.92	60.4	19.05	57.6	18.48	55.9	18.11	54.1	17.59	50.2	16.76
	-8.5	-9.1	61.6	19.57	61.1	18.73	57.6	18.17	55.9	17.80	54.1	17.28	50.2	16.46
	-7.0	-7.6	64.4	19.04	61.2	18.24	57.6	17.70	55.9	17.32	54.1	16.81	50.2	16.00
	-5.0	-5.6	65.1	18.33	61.2	17.59	57.6	17.07	55.9	16.68	54.1	16.19	50.2	15.40
	-3.0	-3.7	65.1	17.63	61.2	16.93	57.6	16.44	55.9	16.04	54.1	15.57	50.2	14.79
	0.0	-0.7	65.1	16.57	61.2	15.95	57.6	15.50	55.9	15.08	54.1	14.64	50.2	13.88
	3.0	2.2	65.1	15.52	61.2	14.98	57.6	14.56	55.9	14.13	54.1	13.71	50.2	12.97
	5.0	4.1	63.8	13.41	60.0	12.95	56.5	12.58	54.7	12.18	53.0	11.81	49.2	11.15
	7.0	6	62.1	12.55	58.5	12.17	55.0	11.84	53.3	11.44	51.6	11.10	48.0	10.46
	9.0	7.9	59.9	11.57	56.3	11.21	53.0	10.91	51.4	10.54	49.7	10.22	46.2	9.64
	11.0	9.8	56.6	10.62	53.3	10.29	50.1	10.01	48.6	9.67	47.0	9.38	43.7	8.85
	13.0	11.8	53.2	9.44	50.0	9.15	47.1	8.91	45.6	8.60	44.2	8.35	41.0	7.87
	15.0	13.7	50.3	8.53	47.3	8.27	44.6	8.05	43.2	7.77	41.8	7.54	38.8	7.11
80	-24.8	-25	38.5	18.47	38.5	18.61	38.3	18.71	38.3	18.75	38.3	18.98	37.5	18.18
	-21.8	-22	46.5	18.61	46.5	18.75	46.5	18.84	46.5	18.98	46.5	18.18	44.9	17.41
	-19.8	-20	49.1	18.70	49.1	18.84	49.1	18.98	49.1	18.41	48.2	17.64	44.9	16.89
	-18.8	-19	50.2	18.75	50.2	18.98	50.2	18.69	50.0	18.13	48.2	17.38	44.9	16.64
	-16.7	-17	51.6	18.98	51.6	18.38	51.6	18.09	50.0	17.54	48.2	16.82	44.9	16.10
	-13.7	-15	53.9	18.10	52.9	17.53	51.6	17.23	50.0	16.69	48.2	16.02	44.9	15.33
	-11.8	-13	55.3	17.54	53.7	16.99	51.6	16.69	50.0	16.16	48.2	15.51	44.9	14.84
	-9.8	-11	56.8	16.95	54.4	16.43	51.6	16.12	50.0	15.59	48.2	14.98	44.9	14.33
	-9.5	-10	57.2	16.86	54.7	16.34	51.6	16.03	50.0	15.51	48.2	14.90	44.9	14.25
	-8.5	-9.1	57.7	16.57	54.9	16.06	51.6	15.75	50.0	15.22	48.2	14.63	44.9	14.00
	-7.0	-7.6	58.3	16.13	54.9	15.63	51.6	15.32	50.0	14.80	48.2	14.23	44.9	13.61
	-5.0	-5.6	58.3	15.54	54.9	15.07	51.6	14.75	50.0	14.24	48.2	13.69	44.9	13.10
	-3.0	-3.7	58.3	14.95	54.9	14.50	51.6	14.18	50.0	13.67	48.2	13.16	44.9	12.58
	0.0	-0.7	58.3	14.07	54.9	13.65	51.6	13.32	50.0	12.83	48.2	12.36	44.9	11.81
	3.0	2.2	58.3	13.19	54.9	12.80	51.6	12.46	50.0	11.98	48.2	11.56	44.9	11.05
	5.0	4.1	57.1	11.39	53.8	11.05	50.5	10.74	49.0	10.30	47.2	9.95	44.0	9.50
	7.0	6	55.6	10.69	52.4	10.38	49.2	10.08	47.8	9.66	46.0	9.34	42.8	8.92
	9.0	7.9	53.6	9.60	50.5	9.32	47.4	9.09	46.0	8.74	44.4	8.43	41.3	8.03
	11.0	9.8	50.7	8.53	47.8	8.29	44.9	8.09	43.5	7.77	41.9	7.50	39.0	7.14
	13.0	11.8	47.6	7.42	44.9	7.21	42.1	7.03	40.9	6.76	39.4	6.52	36.7	6.21
	15.0	13.7	45.0	6.70	42.5	6.51	39.9	6.35	38.7	6.10	37.3	5.88	34.7	5.60

7. Capacity Tables

Heating Capacity (20HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	38.5	18.26	38.5	18.31	38.3	18.40	38.3	18.53	38.3	17.66	37.5	16.84
	-21.8	-22	44.2	18.40	44.2	18.44	43.9	18.53	42.4	17.66	41.1	16.84	38.4	16.05
	-19.8	-20	48.0	18.49	46.7	18.53	43.9	17.92	42.4	17.08	41.1	16.30	38.4	15.52
	-18.8	-19	49.4	18.53	46.7	18.22	43.9	17.61	42.4	16.78	41.1	16.02	38.4	15.26
	-16.7	-17	49.4	17.88	46.7	17.55	43.9	16.97	42.4	16.17	41.1	15.45	38.4	14.70
	-13.7	-15	49.4	16.94	46.7	16.60	43.9	16.05	42.4	15.30	41.1	14.63	38.4	13.91
	-11.8	-13	49.4	16.34	46.7	16.00	43.9	15.47	42.4	14.74	41.1	14.11	38.4	13.41
	-9.8	-11	49.4	15.72	46.7	15.36	43.9	14.85	42.4	14.16	41.1	13.57	38.4	12.88
	-9.5	-10	49.4	15.62	46.7	15.27	43.9	14.76	42.4	14.07	41.1	13.49	38.4	12.80
	-8.5	-9.1	49.4	15.31	46.7	14.95	43.9	14.46	42.4	13.78	41.1	13.21	38.4	12.54
	-7.0	-7.6	49.4	14.84	46.7	14.48	43.9	14.00	42.4	13.35	41.1	12.80	38.4	12.14
	-5.0	-5.6	49.4	14.22	46.7	13.84	43.9	13.38	42.4	12.76	41.1	12.26	38.4	11.62
	-3.0	-3.7	49.4	13.59	46.7	13.21	43.9	12.77	42.4	12.18	41.1	11.71	38.4	11.09
	0.0	-0.7	49.4	12.65	46.7	12.26	43.9	11.85	42.4	11.31	41.1	10.89	38.4	10.30
	3.0	2.2	49.4	11.71	46.7	11.31	43.9	10.93	42.4	10.43	41.1	10.08	38.4	9.50
	5.0	4.1	49.4	10.25	45.7	9.65	43.0	9.32	41.5	8.89	40.3	8.61	37.6	8.11
	7.0	6	49.5	9.78	44.6	8.94	41.9	8.64	40.5	8.25	39.3	8.00	36.7	7.52
	9.0	7.9	47.7	8.47	42.9	7.74	40.4	7.48	39.0	7.14	37.8	6.93	35.3	6.51
	11.0	9.8	45.1	7.52	40.6	6.87	38.2	6.64	36.9	6.34	35.8	6.15	33.4	5.78
	13.0	11.8	42.3	6.60	38.1	6.03	35.9	5.83	34.6	5.56	33.6	5.40	31.4	5.07
	15.0	13.7	40.0	5.88	36.1	5.38	33.9	5.20	32.8	4.96	31.8	4.81	29.7	4.53
60	-24.8	-25	37.9	18.10	37.9	18.19	37.6	18.33	36.4	17.38	35.1	16.49	32.9	15.66
	-21.8	-22	40.6	18.24	40.1	18.33	37.6	17.38	36.4	16.49	35.1	15.66	32.9	14.85
	-19.8	-20	42.4	18.33	40.1	17.66	37.6	16.75	36.4	15.90	35.1	15.10	32.9	14.31
	-18.8	-19	42.4	17.99	40.1	17.33	37.6	16.44	36.4	15.61	35.1	14.82	32.9	14.04
	-16.7	-17	42.4	17.28	40.1	16.62	37.6	15.77	36.4	14.98	35.1	14.24	32.9	13.48
	-13.7	-15	42.4	16.27	40.1	15.62	37.6	14.82	36.4	14.10	35.1	13.40	32.9	12.67
	-11.8	-13	42.4	15.63	40.1	14.98	37.6	14.22	36.4	13.53	35.1	12.87	32.9	12.16
	-9.8	-11	42.4	14.95	40.1	14.31	37.6	13.59	36.4	12.94	35.1	12.32	32.9	11.62
	-9.5	-10	42.4	14.85	40.1	14.21	37.6	13.50	36.4	12.85	35.1	12.23	32.9	11.54
	-8.5	-9.1	42.4	14.51	40.1	13.88	37.6	13.18	36.4	12.56	35.1	11.96	32.9	11.27
	-7.0	-7.6	42.4	14.01	40.1	13.38	37.6	12.71	36.4	12.11	35.1	11.54	32.9	10.87
	-5.0	-5.6	42.4	13.33	40.1	12.71	37.6	12.08	36.4	11.52	35.1	10.98	32.9	10.33
	-3.0	-3.7	42.4	12.66	40.1	12.04	37.6	11.45	36.4	10.93	35.1	10.42	32.9	9.79
	0.0	-0.7	42.4	11.64	40.1	11.03	37.6	10.50	36.4	10.04	35.1	9.59	32.9	8.99
	3.0	2.2	42.4	10.63	40.1	10.03	37.6	9.55	36.4	9.15	35.1	8.75	32.9	8.18
	5.0	4.1	41.5	9.01	39.3	8.47	36.9	8.06	35.6	7.74	34.4	7.41	32.2	6.91
	7.0	6	40.5	8.26	38.3	7.74	35.9	7.38	34.7	7.09	33.5	6.80	31.4	6.32
	9.0	7.9	39.0	7.08	36.9	6.63	34.6	6.32	33.5	6.07	32.3	5.83	30.2	5.42
	11.0	9.8	36.9	6.28	34.9	5.88	32.7	5.61	31.6	5.39	30.6	5.17	28.6	4.81
	13.0	11.8	34.6	5.51	32.8	5.16	30.7	4.92	29.7	4.73	28.7	4.53	26.8	4.22
	15.0	13.7	32.8	4.96	31.0	4.65	29.1	4.39	28.1	4.22	27.1	4.04	25.4	3.80
50	-24.8	-25	35.4	15.62	33.4	15.75	31.4	14.93	30.4	14.16	29.3	13.43	27.3	12.75
	-21.8	-22	35.4	15.75	33.4	14.93	31.4	14.16	30.4	13.43	29.3	12.75	27.3	12.09
	-19.8	-20	35.4	15.18	33.4	14.38	31.4	13.64	30.4	12.94	29.3	12.29	27.3	11.65
	-18.8	-19	35.4	14.89	33.4	14.10	31.4	13.39	30.4	12.70	29.3	12.07	27.3	11.44
	-16.7	-17	35.4	14.29	33.4	13.53	31.4	12.85	30.4	12.18	29.3	11.59	27.3	10.98
	-13.7	-15	35.4	13.43	33.4	12.70	31.4	12.07	30.4	11.45	29.3	10.91	27.3	10.32
	-11.8	-13	35.4	12.88	33.4	12.18	31.4	11.59	30.4	10.99	29.3	10.48	27.3	9.91
	-9.8	-11	35.4	12.31	33.4	11.63	31.4	11.07	30.4	10.50	29.3	10.02	27.3	9.47
	-9.5	-10	35.4	12.22	33.4	11.55	31.4	10.99	30.4	10.43	29.3	9.96	27.3	9.40
	-8.5	-9.1	35.4	11.94	33.4	11.27	31.4	10.74	30.4	10.19	29.3	9.73	27.3	9.18
	-7.0	-7.6	35.4	11.50	33.4	10.86	31.4	10.35	30.4	9.82	29.3	9.39	27.3	8.86
	-5.0	-5.6	35.4	10.93	33.4	10.31	31.4	9.84	30.4	9.34	29.3	8.94	27.3	8.42
	-3.0	-3.7	35.4	10.36	33.4	9.76	31.4	9.32	30.4	8.85	29.3	8.48	27.3	7.98
	0.0	-0.7	35.4	9.50	33.4	8.93	31.4	8.55	30.4	8.12	29.3	7.80	27.3	7.33
	3.0	2.2	35.4	8.63	33.4	8.11	31.4	7.78	30.4	7.39	29.3	7.12	27.3	6.67
	5.0	4.1	34.7	7.29	32.7	6.84	30.7	6.57	29.7	6.24	28.8	6.03	26.8	5.64
	7.0	6	33.8	6.66	31.9	6.24	29.9	6.01	29.0	5.71	28.0	5.53	26.1	5.16
	9.0	7.9	32.5	5.77	30.7	5.40	28.8	5.20	27.9	4.94	27.0	4.79	25.2	4.47
	11.0	9.8	30.9	5.18	29.2	4.85	27.4	4.67	26.4	4.44	25.5	4.30	23.8	4.01
	13.0	11.8	28.9	4.49	27.3	4.21	25.6	4.05	24.8	3.87	24.0	3.73	22.3	3.50
	15.0	13.7	27.3	4.06	25.8	3.80	24.2	3.66	23.5	3.48	22.7	3.37	21.1	3.14

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM221LTE5

Heating Capacity (22HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	44.3	21.10	44.3	21.41	44.0	21.69	44.0	22.10	44.0	22.50	43.4	23.13
	-21.8	-22	53.1	21.73	53.1	22.04	52.8	22.31	52.8	22.72	52.8	23.13	52.1	23.74
	-19.8	-20	55.7	22.14	55.7	22.46	55.3	22.72	55.3	23.14	55.3	23.54	54.6	24.16
	-18.8	-19	56.9	22.36	56.9	22.66	56.5	22.94	56.5	23.35	56.5	23.74	55.7	24.37
	-16.7	-17	59.3	22.79	59.3	23.10	58.9	23.38	58.9	23.79	58.9	24.18	58.0	24.81
	-13.7	-15	62.7	23.42	62.7	23.73	62.4	24.00	62.4	24.41	62.4	24.81	61.4	23.59
	-11.8	-13	64.7	23.81	64.7	24.12	64.3	24.40	64.3	24.81	64.3	23.97	63.6	22.81
	-9.8	-11	66.7	24.22	66.7	24.54	66.2	24.81	66.2	23.89	66.2	23.08	65.5	22.00
	-9.5	-10	67.1	24.29	67.1	24.60	66.7	24.67	66.7	23.74	66.6	22.95	65.9	21.88
	-8.5	-9.1	68.6	24.50	68.6	24.81	68.2	24.17	68.2	23.28	67.6	22.50	66.9	21.47
	-7.0	-7.6	70.9	24.81	70.9	24.06	70.4	23.44	70.4	22.59	70.4	21.84	69.0	20.86
	-5.0	-5.6	73.9	23.79	73.9	23.07	73.4	22.46	73.4	21.66	73.4	20.95	71.2	20.04
	-3.0	-3.7	77.0	22.77	77.0	22.07	76.4	21.48	76.4	20.73	76.4	20.07	73.5	19.23
	0.0	-0.7	81.4	21.23	81.4	20.58	81.0	20.02	81.0	19.35	81.0	18.73	76.6	18.01
	3.0	2.2	85.9	19.70	85.9	19.08	85.4	18.55	85.4	17.96	83.9	17.40	77.9	16.79
	5.0	4.1	86.8	17.01	86.6	16.45	86.2	15.96	85.0	15.45	82.3	14.96	76.7	14.45
	7.0	6	85.8	15.71	85.6	15.21	85.2	14.76	83.2	14.33	80.3	13.91	74.8	13.49
	9.0	7.9	82.5	14.23	82.4	13.77	82.1	13.36	80.1	12.97	77.3	12.59	72.0	12.22
	11.0	9.8	78.1	12.91	77.9	12.50	77.7	12.14	75.7	11.78	73.1	11.44	68.0	11.09
	13.0	11.8	73.3	11.44	73.2	11.07	73.0	10.76	71.1	10.44	68.7	10.13	64.0	9.82
	15.0	13.7	69.3	10.14	69.3	9.82	69.0	9.53	67.3	9.25	64.9	8.98	60.5	8.71
120	-24.8	-25	44.0	21.41	44.0	21.69	43.7	22.10	43.7	22.50	43.7	23.13	43.1	23.56
	-21.8	-22	52.8	22.04	52.8	22.31	52.4	22.72	52.4	23.13	52.4	23.74	51.7	24.18
	-19.8	-20	55.3	22.46	55.3	22.72	55.0	23.14	55.0	23.54	55.0	24.16	54.2	24.60
	-18.8	-19	56.5	22.66	56.5	22.94	56.1	23.35	56.1	23.74	56.1	24.37	55.3	24.81
	-16.7	-17	58.9	23.10	58.9	23.38	58.5	23.79	58.5	24.18	58.5	24.81	57.6	24.03
	-13.7	-15	62.2	23.73	62.2	24.00	61.9	24.41	61.9	24.81	61.9	23.62	61.0	22.91
	-11.8	-13	64.2	24.12	64.2	24.40	63.8	24.81	63.8	23.96	63.8	22.87	63.1	22.19
	-9.8	-11	66.2	24.54	66.2	24.81	65.8	23.86	65.8	23.07	65.8	22.08	65.1	21.44
	-9.5	-10	66.7	24.60	66.7	24.65	66.3	23.72	66.3	22.94	66.3	21.96	65.5	21.33
	-8.5	-9.1	68.2	24.81	68.2	24.14	67.7	23.24	67.7	22.49	67.6	21.57	66.8	20.96
	-7.0	-7.6	70.4	24.02	70.4	23.38	70.0	22.53	70.0	21.82	69.4	20.97	68.5	20.39
	-5.0	-5.6	73.4	22.97	73.4	22.35	72.9	21.59	72.9	20.93	72.9	20.18	70.8	19.64
	-3.0	-3.7	76.4	21.92	76.4	21.33	75.9	20.63	75.9	20.04	75.9	19.39	72.4	18.89
	0.0	-0.7	80.8	20.34	80.8	19.79	80.3	19.21	80.3	18.70	78.9	18.20	73.5	17.77
	3.0	2.2	85.3	18.75	85.3	18.25	83.9	17.79	81.6	17.36	78.9	17.01	73.5	16.66
	5.0	4.1	86.2	16.11	85.5	15.65	82.7	15.27	80.0	14.93	77.5	14.66	72.0	14.36
	7.0	6	85.1	14.82	84.0	14.42	80.7	14.13	77.9	13.87	75.5	13.73	70.2	13.49
	9.0	7.9	82.0	13.40	80.9	13.04	77.7	12.79	75.1	12.54	72.8	12.42	67.6	12.19
	11.0	9.8	77.5	12.16	76.5	11.83	73.5	11.59	71.0	11.37	68.8	11.27	64.0	11.06
	13.0	11.8	72.8	10.76	71.8	10.46	69.0	10.25	66.7	10.06	64.7	9.97	60.0	9.79
	15.0	13.7	68.9	9.52	68.0	9.26	65.3	9.07	63.1	8.91	61.2	8.82	56.8	8.66
110	-24.8	-25	43.7	21.69	43.7	22.10	43.5	22.50	43.5	23.13	43.5	23.56	42.9	23.77
	-21.8	-22	52.5	22.31	52.5	22.72	52.2	23.13	52.2	23.74	52.2	24.18	51.5	24.40
	-19.8	-20	55.0	22.72	55.0	23.14	54.7	23.54	54.7	24.16	54.7	24.60	53.9	24.81
	-18.8	-19	56.1	22.94	56.1	23.35	55.8	23.74	55.8	24.37	55.8	24.81	55.0	24.41
	-16.7	-17	58.6	23.38	58.6	23.79	58.2	24.18	58.2	24.81	58.2	23.98	57.3	23.58
	-13.7	-15	62.0	24.00	62.0	24.41	61.5	24.81	61.5	23.55	61.5	22.79	61.5	22.39
	-11.8	-13	63.9	24.40	63.9	24.81	63.4	23.91	63.4	22.74	63.4	22.04	63.4	21.64
	-9.8	-11	65.8	24.81	65.8	23.79	65.5	22.96	65.5	21.90	65.5	21.25	64.9	20.84
	-9.5	-10	66.3	24.64	66.3	23.62	65.9	22.82	65.9	21.77	65.9	21.14	65.6	20.71
	-8.5	-9.1	67.8	24.09	67.8	23.12	67.3	22.35	67.3	21.35	67.3	20.74	66.2	20.32
	-7.0	-7.6	70.0	23.24	70.0	22.35	69.6	21.63	69.6	20.71	69.6	20.15	66.2	19.73
	-5.0	-5.6	73.0	22.12	73.0	21.32	72.5	20.68	72.5	19.87	70.8	19.35	66.2	18.93
	-3.0	-3.7	75.9	21.00	75.9	20.30	75.3	19.73	73.3	19.03	70.8	18.57	66.2	18.14
	0.0	-0.7	80.4	19.31	80.0	18.76	75.7	18.31	73.3	17.76	70.8	17.39	66.2	16.95
	3.0	2.2	84.4	17.64	80.7	17.21	75.7	16.88	73.3	16.50	70.8	16.20	66.2	15.76
	5.0	4.1	83.8	15.02	79.2	14.70	74.3	14.45	71.9	14.16	69.4	13.92	64.9	13.52
	7.0	6	81.6	13.70	77.1	13.49	72.4	13.34	70.0	13.18	67.6	13.01	63.2	12.60
	9.0	7.9	78.6	12.33	74.3	12.15	69.7	12.01	67.5	11.87	65.1	11.72	60.9	11.36
	11.0	9.8	74.3	11.13	70.2	10.96	66.0	10.83	63.8	10.71	61.6	10.57	57.6	10.24
	13.0	11.8	69.8	9.79	66.0	9.64	61.9	9.52	59.9	9.41	57.9	9.29	54.1	9.00
	15.0	13.7	66.0	8.58	62.4	8.46	58.6	8.37	56.7	8.27	54.8	8.15	51.1	7.90

7. Capacity Tables

Heating Capacity (22HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	43.5	23.61	43.5	23.76	43.3	22.99	43.3	24.16	43.3	24.33	42.7	24.41
	-21.8	-22	52.2	23.85	52.2	24.01	52.0	23.71	52.0	24.40	52.0	24.84	51.2	24.65
	-19.8	-20	54.8	24.01	54.8	24.16	54.4	24.19	54.4	24.56	54.4	24.82	53.7	24.81
	-18.8	-19	55.9	24.08	55.5	24.25	55.5	24.40	55.5	24.64	55.5	24.81	54.8	24.35
	-16.7	-17	58.0	24.25	58.0	24.42	58.0	24.84	57.6	24.81	57.6	23.85	56.7	23.39
	-13.7	-15	61.6	24.50	61.6	24.65	61.3	24.81	61.3	23.39	61.3	22.48	60.5	22.01
	-11.8	-13	63.5	24.65	63.2	24.81	63.2	23.84	63.2	22.49	63.2	21.60	60.5	21.13
	-9.8	-11	65.5	24.81	65.5	23.70	65.2	22.81	65.2	21.54	64.9	20.69	60.5	20.21
	-9.5	-10	66.0	24.63	66.0	23.54	65.6	22.65	65.6	21.39	64.9	20.54	60.5	20.07
	-8.5	-9.1	67.5	24.04	67.5	22.99	67.1	22.14	67.1	20.92	64.9	20.08	60.5	19.61
	-7.0	-7.6	70.8	23.16	70.5	22.16	69.3	21.37	67.1	20.21	64.9	19.40	60.5	18.92
	-5.0	-5.6	73.9	21.98	73.2	21.06	69.3	20.34	67.1	19.26	64.9	18.48	60.5	18.00
	-3.0	-3.7	76.1	20.80	73.7	19.95	69.3	19.32	67.1	18.31	64.9	17.57	60.5	17.08
	0.0	-0.7	78.1	19.03	73.7	18.30	69.3	17.77	67.1	16.89	64.9	16.19	60.5	15.70
	3.0	2.2	78.1	17.26	73.7	16.64	69.3	16.23	67.1	15.47	64.9	14.82	60.5	14.32
	5.0	4.1	76.6	14.64	72.2	14.11	67.9	13.80	65.8	13.15	63.6	12.58	59.2	12.13
	7.0	6	74.6	13.26	70.4	12.84	66.2	12.62	64.0	12.07	62.0	11.55	57.7	11.11
	9.0	7.9	71.9	11.71	67.8	11.34	63.8	11.14	61.8	10.67	59.7	10.20	55.6	9.81
	11.0	9.8	68.0	10.32	64.2	9.99	60.3	9.82	58.3	9.39	56.5	8.99	52.6	8.64
	13.0	11.8	63.8	8.79	60.3	8.52	56.6	8.37	54.8	8.01	53.0	7.66	49.3	7.36
	15.0	13.7	60.5	7.42	57.0	7.19	53.5	7.06	51.9	6.76	50.1	6.47	46.7	6.22
90	-24.8	-25	43.3	21.23	43.3	21.86	43.1	22.30	43.1	22.50	43.1	22.92	42.5	23.55
	-21.8	-22	52.0	21.86	52.0	22.49	51.8	22.92	51.8	23.13	51.8	23.55	51.0	22.39
	-19.8	-20	54.6	22.28	54.6	22.90	54.2	23.33	54.2	23.55	54.2	22.75	53.5	21.63
	-18.8	-19	55.9	22.49	55.5	23.11	55.3	23.55	55.3	23.13	55.3	22.35	54.5	21.25
	-16.7	-17	58.0	22.92	58.0	23.55	57.7	22.67	57.7	22.26	57.7	21.51	55.2	20.44
	-13.7	-15	61.6	23.55	61.6	22.23	61.1	21.43	60.9	21.01	59.4	20.31	55.2	19.29
	-11.8	-13	63.5	22.63	63.2	21.41	62.9	20.64	61.4	20.23	59.4	19.55	55.2	18.56
	-9.8	-11	65.5	21.68	65.5	20.54	63.4	19.82	61.4	19.39	59.4	18.76	55.2	17.79
	-9.5	-10	66.0	21.53	66.0	20.40	63.4	19.69	61.4	19.26	59.4	18.63	55.2	17.68
	-8.5	-9.1	67.5	21.05	66.9	19.97	63.4	19.27	61.4	18.84	59.4	18.23	55.2	17.29
	-7.0	-7.6	70.8	20.33	67.3	19.31	63.4	18.65	61.4	18.22	59.4	17.63	55.2	16.72
	-5.0	-5.6	71.5	19.37	67.3	18.43	63.4	17.82	61.4	17.40	59.4	16.83	55.2	15.96
	-3.0	-3.7	71.5	18.42	67.3	17.57	63.4	16.99	61.4	16.56	59.4	16.03	55.2	15.18
	0.0	-0.7	71.5	16.98	67.3	16.25	63.4	15.75	61.4	15.32	59.4	14.84	55.2	14.03
	3.0	2.2	71.5	15.53	67.3	14.94	63.4	14.50	61.4	14.07	59.4	13.64	55.2	12.89
	5.0	4.1	70.2	13.22	66.0	12.74	62.1	12.36	60.2	11.98	58.3	11.60	54.1	10.94
	7.0	6	68.4	12.12	64.3	11.74	60.5	11.43	58.7	11.04	56.8	10.71	52.8	10.10
	9.0	7.9	65.8	10.70	62.0	10.38	58.3	10.09	56.5	9.75	54.7	9.46	50.8	8.92
	11.0	9.8	62.3	9.34	58.6	9.04	55.2	8.80	53.5	8.50	51.7	8.25	48.0	7.78
	13.0	11.8	58.5	7.80	55.0	7.56	51.8	7.36	50.2	7.10	48.6	6.89	45.1	6.50
	15.0	13.7	55.4	6.51	52.1	6.31	49.0	6.14	47.5	5.93	46.0	5.76	42.7	5.43
80	-24.8	-25	43.2	18.57	43.2	19.19	42.9	19.63	42.9	19.84	42.9	20.88	42.3	19.87
	-21.8	-22	51.5	19.19	51.5	19.82	51.5	20.26	51.5	20.88	51.5	19.87	49.3	18.91
	-19.8	-20	54.0	19.61	54.0	20.23	54.0	20.88	53.7	20.16	52.8	19.19	49.3	18.27
	-18.8	-19	55.1	19.82	55.1	20.88	55.1	20.50	54.4	19.79	53.0	18.85	49.3	17.94
	-16.7	-17	56.7	20.88	56.7	20.10	56.7	19.73	55.0	19.04	53.0	18.14	49.3	17.27
	-13.7	-15	59.3	19.71	58.1	18.98	56.7	18.62	55.0	17.95	53.0	17.13	49.3	16.31
	-11.8	-13	61.0	18.96	59.2	18.27	56.7	17.91	55.0	17.26	53.0	16.49	49.3	15.70
	-9.8	-11	62.6	18.17	60.0	17.52	56.7	17.16	55.0	16.55	53.0	15.81	49.3	15.06
	-9.5	-10	63.0	18.06	60.2	17.41	56.7	17.05	55.0	16.44	53.0	15.71	49.3	14.96
	-8.5	-9.1	63.6	17.67	60.5	17.04	56.7	16.68	55.0	16.08	53.0	15.36	49.3	14.64
	-7.0	-7.6	64.1	17.08	60.5	16.48	56.7	16.12	55.0	15.53	53.0	14.87	49.3	14.16
	-5.0	-5.6	64.1	16.30	60.5	15.74	56.7	15.39	55.0	14.81	53.0	14.18	49.3	13.52
	-3.0	-3.7	64.1	15.51	60.5	14.99	56.7	14.64	55.0	14.09	53.0	13.51	49.3	12.87
	0.0	-0.7	64.1	14.34	60.5	13.87	56.7	13.53	55.0	13.00	53.0	12.49	49.3	11.91
	3.0	2.2	64.1	13.16	60.5	12.75	56.7	12.41	55.0	11.91	53.0	11.48	49.3	10.95
	5.0	4.1	62.9	11.21	59.2	10.86	55.6	10.55	53.9	10.12	51.9	9.76	48.4	9.32
	7.0	6	61.2	10.32	57.7	10.02	54.1	9.73	52.6	9.32	50.6	9.01	47.1	8.60
	9.0	7.9	59.0	8.79	55.6	8.55	52.2	8.35	50.6	8.05	48.8	7.76	45.4	7.39
	11.0	9.8	55.7	7.43	52.6	7.23	49.3	7.06	47.9	6.80	46.2	6.55	42.9	6.24
	13.0	11.8	52.4	6.06	49.3	5.90	46.4	5.77	44.9	5.55	43.3	5.35	40.3	5.09
	15.0	13.7	49.5	5.06	46.7	4.93	43.8	4.81	42.5	4.63	41.0	4.46	38.1	4.25

7. Capacity Tables

Heating Capacity (22HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	43.2	18.99	43.2	19.19	42.9	19.61	42.9	20.24	42.9	19.18	42.2	18.18
	-21.8	-22	48.6	19.61	48.6	19.82	48.2	20.24	46.6	19.18	45.3	18.18	42.2	17.23
	-19.8	-20	52.2	20.04	51.3	20.24	48.2	19.49	46.6	18.47	45.3	17.52	42.2	16.61
	-18.8	-19	53.7	20.24	51.3	19.84	48.2	19.11	46.6	18.11	45.3	17.19	42.2	16.29
	-16.7	-17	54.3	19.41	51.3	19.01	48.2	18.32	46.6	17.37	45.3	16.50	42.2	15.63
	-13.7	-15	54.3	18.23	51.3	17.84	48.2	17.18	46.6	16.29	45.3	15.51	42.2	14.68
	-11.8	-13	54.3	17.48	51.3	17.09	48.2	16.47	46.6	15.62	45.3	14.88	42.2	14.08
	-9.8	-11	54.3	16.70	51.3	16.31	48.2	15.71	46.6	14.91	45.3	14.22	42.2	13.45
	-9.5	-10	54.3	16.58	51.3	16.18	48.2	15.60	46.6	14.81	45.3	14.12	42.2	13.36
	-8.5	-9.1	54.3	16.19	51.3	15.79	48.2	15.22	46.6	14.45	45.3	13.79	42.2	13.05
	-7.0	-7.6	54.3	15.60	51.3	15.21	48.2	14.65	46.6	13.92	45.3	13.30	42.2	12.57
	-5.0	-5.6	54.3	14.81	51.3	14.42	48.2	13.90	46.6	13.20	45.3	12.63	42.2	11.94
	-3.0	-3.7	54.3	14.03	51.3	13.63	48.2	13.15	46.6	12.49	45.3	11.97	42.2	11.30
	0.0	-0.7	54.3	12.85	51.3	12.45	48.2	12.01	46.6	11.43	45.3	10.99	42.2	10.36
	3.0	2.2	54.3	11.67	51.3	11.26	48.2	10.88	46.6	10.37	45.3	10.00	42.2	9.41
	5.0	4.1	54.3	10.06	50.3	9.49	47.3	9.16	45.7	8.73	44.4	8.44	41.4	7.95
	7.0	6	54.4	9.44	49.0	8.62	46.2	8.34	44.5	7.96	43.2	7.72	40.3	7.26
	9.0	7.9	52.4	7.84	47.3	7.16	44.4	6.92	42.9	6.61	41.6	6.40	38.9	6.03
	11.0	9.8	49.5	6.61	44.7	6.04	42.0	5.84	40.5	5.57	39.4	5.41	36.7	5.08
	13.0	11.8	46.6	5.44	42.0	4.98	39.4	4.81	38.1	4.59	37.0	4.46	34.5	4.19
	15.0	13.7	44.0	4.49	39.6	4.10	37.4	3.97	36.1	3.78	35.0	3.67	32.6	3.45
60	-24.8	-25	41.6	18.57	41.6	18.99	41.4	19.61	40.0	18.52	38.7	17.50	36.1	16.54
	-21.8	-22	44.6	19.19	44.2	19.61	41.4	18.52	40.0	17.50	38.7	16.54	36.1	15.63
	-19.8	-20	46.6	19.61	44.2	18.84	41.4	17.79	40.0	16.82	38.7	15.90	36.1	15.02
	-18.8	-19	46.6	19.22	44.2	18.45	41.4	17.42	40.0	16.47	38.7	15.59	36.1	14.71
	-16.7	-17	46.6	18.39	44.2	17.62	41.4	16.66	40.0	15.76	38.7	14.92	36.1	14.07
	-13.7	-15	46.6	17.19	44.2	16.46	41.4	15.56	40.0	14.74	38.7	13.97	36.1	13.16
	-11.8	-13	46.6	16.44	44.2	15.72	41.4	14.86	40.0	14.09	38.7	13.36	36.1	12.59
	-9.8	-11	46.6	15.64	44.2	14.94	41.4	14.14	40.0	13.41	38.7	12.72	36.1	11.97
	-9.5	-10	46.6	15.52	44.2	14.82	41.4	14.03	40.0	13.30	38.7	12.63	36.1	11.88
	-8.5	-9.1	46.6	15.12	44.2	14.44	41.4	13.66	40.0	12.97	38.7	12.30	36.1	11.58
	-7.0	-7.6	46.6	14.53	44.2	13.85	41.4	13.11	40.0	12.46	38.7	11.83	36.1	11.13
	-5.0	-5.6	46.6	13.73	44.2	13.07	41.4	12.39	40.0	11.78	38.7	11.20	36.1	10.51
	-3.0	-3.7	46.6	12.93	44.2	12.29	41.4	11.65	40.0	11.09	38.7	10.56	36.1	9.90
	0.0	-0.7	46.6	11.74	44.2	11.12	41.4	10.56	40.0	10.07	38.7	9.60	36.1	8.99
	3.0	2.2	46.6	10.55	44.2	9.95	41.4	9.46	40.0	9.05	38.7	8.65	36.1	8.08
	5.0	4.1	45.7	8.85	43.3	8.31	40.5	7.91	39.2	7.58	37.8	7.25	35.4	6.76
	7.0	6	44.5	7.97	42.2	7.47	39.6	7.12	38.2	6.85	36.9	6.56	34.5	6.11
	9.0	7.9	42.9	6.55	40.7	6.13	38.1	5.84	36.8	5.62	35.6	5.39	33.2	5.01
	11.0	9.8	40.5	5.52	38.4	5.17	36.0	4.93	34.8	4.74	33.6	4.54	31.5	4.23
	13.0	11.8	38.1	4.55	36.1	4.26	33.8	4.06	32.7	3.91	31.5	3.75	29.5	3.48
	15.0	13.7	36.1	3.78	34.1	3.54	32.0	3.34	31.0	3.21	29.9	3.09	27.9	2.90
50	-24.8	-25	38.9	16.71	36.7	17.33	34.5	16.34	33.4	15.41	32.3	14.54	30.1	13.74
	-21.8	-22	38.9	17.33	36.7	16.34	34.5	15.41	33.4	14.54	32.3	13.74	30.1	12.97
	-19.8	-20	38.9	16.63	36.7	15.67	34.5	14.79	33.4	13.96	32.3	13.20	30.1	12.45
	-18.8	-19	38.9	16.28	36.7	15.34	34.5	14.49	33.4	13.67	32.3	12.93	30.1	12.20
	-16.7	-17	38.9	15.55	36.7	14.65	34.5	13.84	33.4	13.06	32.3	12.36	30.1	11.66
	-13.7	-15	38.9	14.50	36.7	13.64	34.5	12.91	33.4	12.19	32.3	11.55	30.1	10.89
	-11.8	-13	38.9	13.83	36.7	13.01	34.5	12.32	33.4	11.64	32.3	11.05	30.1	10.41
	-9.8	-11	38.9	13.13	36.7	12.35	34.5	11.70	33.4	11.06	32.3	10.51	30.1	9.89
	-9.5	-10	38.9	13.02	36.7	12.25	34.5	11.61	33.4	10.97	32.3	10.44	30.1	9.82
	-8.5	-9.1	38.9	12.66	36.7	11.91	34.5	11.31	33.4	10.69	32.3	10.17	30.1	9.57
	-7.0	-7.6	38.9	12.14	36.7	11.42	34.5	10.84	33.4	10.25	32.3	9.76	30.1	9.18
	-5.0	-5.6	38.9	11.43	36.7	10.76	34.5	10.23	33.4	9.67	32.3	9.22	30.1	8.67
	-3.0	-3.7	38.9	10.73	36.7	10.09	34.5	9.60	33.4	9.09	32.3	8.68	30.1	8.16
	0.0	-0.7	38.9	9.68	36.7	9.09	34.5	8.68	33.4	8.22	32.3	7.88	30.1	7.39
	3.0	2.2	38.9	8.63	36.7	8.10	34.5	7.75	33.4	7.35	32.3	7.07	30.1	6.62
	5.0	4.1	38.1	7.19	35.9	6.73	33.8	6.46	32.7	6.14	31.7	5.91	29.5	5.53
	7.0	6	37.2	6.43	35.0	6.02	33.0	5.80	31.9	5.51	30.8	5.34	28.8	4.98
	9.0	7.9	35.8	5.34	33.7	5.00	31.7	4.81	30.8	4.57	29.7	4.43	27.7	4.13
	11.0	9.8	34.1	4.56	32.1	4.26	30.1	4.11	29.0	3.90	28.1	3.78	26.2	3.53
	13.0	11.8	31.7	3.71	30.0	3.47	28.2	3.34	27.3	3.19	26.4	3.08	24.6	2.90
	15.0	13.7	30.1	3.10	28.4	2.90	26.6	2.79	25.8	2.66	24.9	2.57	23.3	2.39

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM241LTE5

Heating Capacity (24HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	47.8	22.86	47.8	23.28	47.6	23.66	47.6	24.22	47.6	24.78	47.4	25.64
	-21.8	-22	56.8	23.72	56.8	24.14	56.4	24.52	56.4	25.08	56.4	25.64	56.2	26.48
	-19.8	-20	59.2	24.28	59.2	24.72	58.8	25.08	58.8	25.66	58.8	26.20	58.6	27.06
	-18.8	-19	60.6	24.58	60.6	25.00	60.2	25.38	60.2	25.94	60.2	26.48	60.0	27.34
	-16.7	-17	63.6	25.18	63.6	25.60	63.2	25.98	63.2	26.54	63.2	27.08	62.8	27.94
	-13.7	-15	67.8	26.04	67.8	26.46	67.4	26.84	67.4	27.40	67.4	27.94	67.0	26.64
	-11.8	-13	70.0	26.58	70.0	27.00	69.6	27.38	69.6	27.94	69.6	27.06	69.6	25.82
	-9.8	-11	72.4	27.14	72.4	27.58	71.8	27.94	71.8	26.98	71.8	26.12	71.8	24.96
	-9.5	-10	72.8	27.24	72.8	27.66	72.4	27.80	72.4	26.82	72.2	25.98	72.2	24.82
	-8.5	-9.1	74.6	27.52	74.6	27.94	74.2	27.28	74.2	26.34	73.4	25.50	73.4	24.38
	-7.0	-7.6	77.4	27.94	77.4	27.16	76.8	26.52	76.8	25.60	76.8	24.80	76.4	23.74
	-5.0	-5.6	81.0	26.90	81.0	26.14	80.4	25.48	80.4	24.62	80.4	23.86	79.0	22.86
	-3.0	-3.7	84.6	25.84	84.6	25.10	84.0	24.46	84.0	23.64	84.0	22.92	81.8	22.00
	0.0	-0.7	89.8	24.26	89.8	23.54	89.4	22.92	89.4	22.18	89.4	21.50	85.4	20.70
	3.0	2.2	95.2	22.68	95.2	21.98	94.6	21.38	94.6	20.72	91.6	20.08	85.4	19.40
	5.0	4.1	96.0	19.68	95.8	19.04	95.4	18.48	93.0	17.90	89.8	17.34	83.6	16.76
	7.0	6	93.6	18.30	93.4	17.72	93.0	17.20	90.8	16.70	87.6	16.20	81.6	15.72
	9.0	7.9	90.0	16.70	89.8	16.16	89.6	15.68	87.4	15.22	84.4	14.78	78.6	14.34
	11.0	9.8	85.2	15.28	85.0	14.80	84.8	14.36	82.6	13.94	79.8	13.54	74.2	13.12
	13.0	11.8	80.0	13.68	79.8	13.24	79.6	12.86	77.6	12.48	75.0	12.12	69.8	11.74
	15.0	13.7	75.6	12.28	75.6	11.88	75.2	11.54	73.4	11.20	70.8	10.88	66.0	10.54
120	-24.8	-25	47.6	23.28	47.6	23.66	47.2	24.22	47.2	24.78	47.2	25.64	47.0	26.24
	-21.8	-22	56.4	24.14	56.4	24.52	56.0	25.08	56.0	25.64	56.0	26.48	55.8	27.08
	-19.8	-20	58.8	24.72	58.8	25.08	58.4	25.66	58.4	26.20	58.4	27.06	58.2	27.66
	-18.8	-19	60.2	25.00	60.2	25.38	59.8	25.94	59.8	26.48	59.8	27.34	59.6	27.94
	-16.7	-17	63.2	25.60	63.2	25.98	62.8	26.54	62.8	27.08	62.8	27.94	62.4	27.12
	-13.7	-15	67.2	26.46	67.2	26.84	66.8	27.40	66.8	27.94	66.8	26.68	66.6	25.92
	-11.8	-13	69.4	27.00	69.4	27.38	69.0	27.94	69.0	27.04	69.0	25.88	69.0	25.16
	-9.8	-11	71.8	27.58	71.8	27.94	71.4	26.94	71.4	26.10	71.4	25.04	71.4	24.36
	-9.5	-10	72.4	27.66	72.4	27.78	72.0	26.80	72.0	25.96	72.0	24.92	72.0	24.24
	-8.5	-9.1	74.2	27.94	74.2	27.24	73.6	26.28	73.6	25.48	73.6	24.50	73.6	23.84
	-7.0	-7.6	76.8	27.12	76.8	26.44	76.4	25.54	76.4	24.78	76.0	23.86	75.8	23.24
	-5.0	-5.6	80.4	26.02	80.4	25.36	79.8	24.54	79.8	23.82	79.8	23.02	78.6	22.44
	-3.0	-3.7	84.0	24.92	84.0	24.28	83.4	23.52	83.4	22.88	83.4	22.18	80.2	21.64
	0.0	-0.7	89.2	23.26	89.2	22.66	88.6	22.02	88.6	21.46	86.2	20.92	80.2	20.44
	3.0	2.2	94.6	21.60	94.6	21.04	92.2	20.52	89.0	20.04	86.2	19.66	80.2	19.26
	5.0	4.1	95.2	18.64	94.0	18.12	90.2	17.68	87.2	17.30	84.6	17.00	78.6	16.66
	7.0	6	92.8	17.26	91.6	16.80	88.0	16.46	85.0	16.16	82.4	16.00	76.6	15.72
	9.0	7.9	89.4	15.72	88.2	15.30	84.8	15.00	82.0	14.70	79.4	14.56	73.8	14.30
	11.0	9.8	84.6	14.38	83.4	13.98	80.2	13.70	77.4	13.44	75.0	13.32	69.8	13.08
	13.0	11.8	79.4	12.84	78.4	12.48	75.2	12.24	72.8	12.00	70.6	11.90	65.4	11.68
	15.0	13.7	75.2	11.50	74.2	11.18	71.2	10.96	68.8	10.76	66.8	10.66	62.0	10.46
110	-24.8	-25	47.2	23.66	47.2	24.22	47.0	24.78	47.0	25.64	47.0	26.24	46.8	26.52
	-21.8	-22	56.2	24.52	56.2	25.08	55.8	25.64	55.8	26.48	55.8	27.08	55.6	27.38
	-19.8	-20	58.4	25.08	58.4	25.66	58.2	26.20	58.2	27.06	58.2	27.66	57.8	27.94
	-18.8	-19	59.8	25.38	59.8	25.94	59.4	26.48	59.4	27.34	59.4	27.94	59.2	27.52
	-16.7	-17	62.8	25.98	62.8	26.54	62.4	27.08	62.4	27.94	62.4	27.06	62.0	26.62
	-13.7	-15	67.0	26.84	67.0	27.40	66.4	27.94	66.4	26.60	66.4	25.78	66.4	25.34
	-11.8	-13	69.2	27.38	69.2	27.94	68.6	26.98	68.6	25.74	68.6	24.98	68.6	24.54
	-9.8	-11	71.4	27.94	71.4	26.86	71.0	25.98	71.0	24.84	71.0	24.14	71.0	23.68
	-9.5	-10	72.0	27.76	72.0	26.68	71.6	25.82	71.6	24.70	71.6	24.02	71.6	23.54
	-8.5	-9.1	73.8	27.18	73.8	26.14	73.2	25.32	73.2	24.24	73.2	23.58	72.2	23.12
	-7.0	-7.6	76.4	26.28	76.4	25.32	76.0	24.56	76.0	23.56	76.0	22.96	72.2	22.48
	-5.0	-5.6	80.0	25.08	80.0	24.22	79.4	23.54	79.4	22.66	77.2	22.10	72.2	21.62
	-3.0	-3.7	83.4	23.90	83.4	23.14	82.6	22.52	80.0	21.76	77.2	21.26	72.2	20.78
	0.0	-0.7	88.8	22.10	88.0	21.50	82.6	21.00	80.0	20.40	77.2	20.00	72.2	19.50
	3.0	2.2	93.2	20.32	88.0	19.84	82.6	19.48	80.0	19.06	77.2	18.72	72.2	18.22
	5.0	4.1	91.4	17.38	86.4	17.02	81.0	16.74	78.4	16.42	75.8	16.14	70.8	15.68
	7.0	6	89.0	15.96	84.2	15.72	79.0	15.54	76.4	15.36	73.8	15.16	69.0	14.68
	9.0	7.9	85.8	14.46	81.0	14.24	76.0	14.08	73.6	13.92	71.0	13.74	66.4	13.32
	11.0	9.8	81.0	13.16	76.6	12.96	72.0	12.80	69.6	12.66	67.2	12.50	62.8	12.10
	13.0	11.8	76.2	11.68	72.0	11.50	67.6	11.36	65.4	11.22	63.2	11.08	59.0	10.74
	15.0	13.7	72.0	10.36	68.0	10.22	64.0	10.10	61.8	9.98	59.8	9.84	55.8	9.54

7. Capacity Tables

Heating Capacity (24HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	47.0	26.68	47.0	26.84	46.8	25.86	46.8	27.26	46.8	27.44	46.6	27.52
	-21.8	-22	55.8	26.94	55.8	27.10	55.6	26.68	55.6	27.52	55.6	28.12	55.2	27.78
	-19.8	-20	58.2	27.10	58.2	27.26	57.8	27.22	57.8	27.68	57.8	28.00	57.6	27.94
	-18.8	-19	59.6	27.18	59.2	27.36	59.2	27.52	59.2	27.76	59.2	27.94	59.0	27.44
	-16.7	-17	62.2	27.36	62.2	27.54	62.2	28.12	61.8	27.94	61.8	26.90	61.4	26.40
	-13.7	-15	66.6	27.62	66.6	27.78	66.2	27.94	66.2	26.42	66.2	25.42	66.0	24.90
	-11.8	-13	68.8	27.78	68.4	27.94	68.4	26.90	68.4	25.44	68.4	24.46	66.0	23.94
	-9.8	-11	71.0	27.94	71.0	26.76	70.8	25.80	70.8	24.42	70.8	23.48	66.0	22.94
	-9.5	-10	71.6	27.76	71.6	26.58	71.2	25.62	71.2	24.26	70.8	23.32	66.0	22.80
	-8.5	-9.1	73.4	27.12	73.4	26.00	73.0	25.08	73.2	23.74	70.8	22.82	66.0	22.30
	-7.0	-7.6	77.2	26.18	77.0	25.10	75.6	24.24	73.2	22.98	70.8	22.08	66.0	21.54
	-5.0	-5.6	80.6	24.92	79.8	23.92	75.6	23.14	73.2	21.96	70.8	21.08	66.0	20.54
	-3.0	-3.7	83.0	23.66	80.4	22.74	75.6	22.04	73.2	20.92	70.8	20.10	66.0	19.54
	0.0	-0.7	85.2	21.78	80.4	20.96	75.6	20.38	73.2	19.40	70.8	18.60	66.0	18.04
	3.0	2.2	85.2	19.88	80.4	19.18	75.6	18.72	73.2	17.86	70.8	17.12	66.0	16.54
	5.0	4.1	83.6	16.94	78.8	16.34	74.0	15.98	71.8	15.24	69.4	14.58	64.6	14.06
	7.0	6	81.4	15.44	76.8	14.96	72.2	14.70	69.8	14.06	67.6	13.46	63.0	12.94
	9.0	7.9	78.4	13.84	74.0	13.40	69.6	13.16	67.4	12.60	65.2	12.04	60.6	11.58
	11.0	9.8	74.2	12.40	70.0	12.00	65.8	11.80	63.6	11.28	61.6	10.80	57.4	10.38
	13.0	11.8	69.6	10.80	65.8	10.46	61.8	10.28	59.8	9.84	57.8	9.40	53.8	9.04
	15.0	13.7	66.0	9.38	62.2	9.08	58.4	8.92	56.6	8.54	54.6	8.18	51.0	7.86
90	-24.8	-25	46.8	23.48	46.8	24.34	46.6	24.94	46.6	25.22	46.6	25.80	46.4	26.66
	-21.8	-22	55.6	24.34	55.6	25.20	55.4	25.80	55.4	26.08	55.4	26.66	55.0	25.38
	-19.8	-20	58.0	24.92	58.0	25.76	57.6	26.36	57.6	26.66	57.6	25.78	57.4	24.54
	-18.8	-19	59.6	25.20	59.2	26.06	59.0	26.66	59.0	26.20	59.0	25.34	58.8	24.12
	-16.7	-17	62.2	25.80	62.2	26.66	61.8	25.70	61.8	25.24	61.8	24.42	60.2	23.24
	-13.7	-15	66.6	26.66	66.6	25.22	66.0	24.34	66.0	23.88	64.8	23.10	60.2	21.96
	-11.8	-13	68.8	25.66	68.4	24.32	68.2	23.48	67.0	23.02	64.8	22.26	60.2	21.16
	-9.8	-11	71.0	24.62	71.0	23.38	69.2	22.58	67.0	22.10	64.8	21.40	60.2	20.32
	-9.5	-10	71.6	24.46	71.6	23.22	69.2	22.44	67.0	21.96	64.8	21.26	60.2	20.20
	-8.5	-9.1	73.4	23.94	72.8	22.76	69.2	21.98	67.0	21.50	64.8	20.82	60.2	19.76
	-7.0	-7.6	77.2	23.16	73.4	22.04	69.2	21.30	67.0	20.82	64.8	20.16	60.2	19.14
	-5.0	-5.6	78.0	22.12	73.4	21.08	69.2	20.40	67.0	19.92	64.8	19.28	60.2	18.30
	-3.0	-3.7	78.0	21.08	73.4	20.14	69.2	19.50	67.0	19.00	64.8	18.40	60.2	17.44
	0.0	-0.7	78.0	19.52	73.4	18.70	69.2	18.14	67.0	17.64	64.8	17.10	60.2	16.18
	3.0	2.2	78.0	17.94	73.4	17.28	69.2	16.78	67.0	16.28	64.8	15.78	60.2	14.92
	5.0	4.1	76.6	15.32	72.0	14.78	67.8	14.34	65.6	13.90	63.6	13.46	59.0	12.70
	7.0	6	74.6	14.12	70.2	13.68	66.0	13.32	64.0	12.86	62.0	12.48	57.6	11.76
	9.0	7.9	71.8	12.64	67.6	12.26	63.6	11.92	61.6	11.52	59.6	11.18	55.4	10.54
	11.0	9.8	68.0	11.22	64.0	10.86	60.2	10.58	58.4	10.22	56.4	9.92	52.4	9.34
	13.0	11.8	63.8	9.58	60.0	9.28	56.6	9.04	54.8	8.72	53.0	8.46	49.2	7.98
	15.0	13.7	60.4	8.22	56.8	7.98	53.4	7.76	51.8	7.50	50.2	7.28	46.6	6.86
80	-24.8	-25	46.6	20.46	46.6	21.32	46.4	21.92	46.4	22.20	46.4	23.64	46.2	22.52
	-21.8	-22	55.0	21.32	55.0	22.18	55.0	22.78	55.0	23.64	55.0	22.52	53.8	21.46
	-19.8	-20	57.4	21.90	57.4	22.74	57.4	23.64	57.4	22.84	57.4	21.78	53.8	20.76
	-18.8	-19	58.8	22.18	58.8	23.64	58.8	23.22	58.8	22.44	57.8	21.40	53.8	20.40
	-16.7	-17	61.8	23.64	61.8	22.78	61.8	22.38	60.0	21.62	57.8	20.62	53.8	19.66
	-13.7	-15	64.6	22.36	63.4	21.56	61.8	21.16	60.0	20.42	57.8	19.50	53.8	18.60
	-11.8	-13	66.4	21.54	64.4	20.78	61.8	20.38	60.0	19.66	57.8	18.80	53.8	17.92
	-9.8	-11	68.2	20.68	65.4	19.96	61.8	19.56	60.0	18.88	57.8	18.06	53.8	17.22
	-9.5	-10	68.6	20.56	65.6	19.84	61.8	19.44	60.0	18.76	57.8	17.94	53.8	17.10
	-8.5	-9.1	69.4	20.14	66.0	19.44	61.8	19.04	60.0	18.36	57.8	17.56	53.8	16.76
	-7.0	-7.6	70.0	19.50	66.0	18.82	61.8	18.42	60.0	17.76	57.8	17.02	53.8	16.22
	-5.0	-5.6	70.0	18.64	66.0	18.02	61.8	17.62	60.0	16.96	57.8	16.26	53.8	15.52
	-3.0	-3.7	70.0	17.78	66.0	17.20	61.8	16.80	60.0	16.18	57.8	15.52	53.8	14.80
	0.0	-0.7	70.0	16.50	66.0	15.98	61.8	15.58	60.0	14.98	57.8	14.40	53.8	13.74
	3.0	2.2	70.0	15.22	66.0	14.74	61.8	14.36	60.0	13.78	57.8	13.28	53.8	12.68
	5.0	4.1	68.6	13.00	64.6	12.60	60.6	12.24	58.8	11.74	56.6	11.32	52.8	10.82
	7.0	6	66.8	12.02	63.0	11.68	59.0	11.34	57.4	10.86	55.2	10.50	51.4	10.02
	9.0	7.9	64.4	10.40	60.6	10.12	57.0	9.88	55.2	9.52	53.2	9.18	49.6	8.74
	11.0	9.8	60.8	8.94	57.4	8.70	53.8	8.50	52.2	8.18	50.4	7.88	46.8	7.50
	13.0	11.8	57.2	7.46	53.8	7.26	50.6	7.10	49.0	6.82	47.2	6.58	44.0	6.26
	15.0	13.7	54.0	6.40	51.0	6.24	47.8	6.08	46.4	5.86	44.8	5.64	41.6	5.38

7. Capacity Tables

Heating Capacity (24HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	46.6	21.06	46.6	21.34	46.4	21.92	46.4	22.78	46.4	21.62	46.0	20.52
	-21.8	-22	53.0	21.92	53.0	22.20	52.6	22.78	50.8	21.62	49.4	20.52	46.0	19.48
	-19.8	-20	57.2	22.50	56.0	22.78	52.6	21.96	50.8	20.84	49.4	19.80	46.0	18.80
	-18.8	-19	58.8	22.78	56.0	22.34	52.6	21.54	50.8	20.44	49.4	19.44	46.0	18.44
	-16.7	-17	59.2	21.88	56.0	21.44	52.6	20.68	50.8	19.64	49.4	18.68	46.0	17.72
	-13.7	-15	59.2	20.60	56.0	20.16	52.6	19.44	50.8	18.46	49.4	17.60	46.0	16.68
	-11.8	-13	59.2	19.78	56.0	19.34	52.6	18.66	50.8	17.72	49.4	16.90	46.0	16.02
	-9.8	-11	59.2	18.94	56.0	18.50	52.6	17.84	50.8	16.94	49.4	16.18	46.0	15.32
	-9.5	-10	59.2	18.80	56.0	18.36	52.6	17.72	50.8	16.84	49.4	16.08	46.0	15.22
	-8.5	-9.1	59.2	18.38	56.0	17.94	52.6	17.30	50.8	16.44	49.4	15.72	46.0	14.88
	-7.0	-7.6	59.2	17.74	56.0	17.30	52.6	16.68	50.8	15.86	49.4	15.18	46.0	14.36
	-5.0	-5.6	59.2	16.88	56.0	16.44	52.6	15.86	50.8	15.08	49.4	14.44	46.0	13.66
	-3.0	-3.7	59.2	16.04	56.0	15.58	52.6	15.04	50.8	14.30	49.4	13.72	46.0	12.96
	0.0	-0.7	59.2	14.76	56.0	14.30	52.6	13.80	50.8	13.14	49.4	12.64	46.0	11.92
	3.0	2.2	59.2	13.48	56.0	13.00	52.6	12.56	50.8	11.98	49.4	11.56	46.0	10.88
	5.0	4.1	59.2	11.66	54.8	11.00	51.6	10.62	49.8	10.12	48.4	9.78	45.2	9.22
	7.0	6	59.4	11.00	53.4	10.04	50.4	9.72	48.6	9.28	47.2	9.00	44.0	8.46
	9.0	7.9	57.2	9.26	51.6	8.46	48.4	8.18	46.8	7.80	45.4	7.56	42.4	7.12
	11.0	9.8	54.0	7.94	48.8	7.26	45.8	7.02	44.2	6.70	43.0	6.50	40.0	6.10
	13.0	11.8	50.8	6.68	45.8	6.12	43.0	5.90	41.6	5.64	40.4	5.48	37.6	5.14
	15.0	13.7	48.0	5.68	43.2	5.18	40.8	5.02	39.4	4.78	38.2	4.64	35.6	4.36
60	-24.8	-25	45.4	20.48	45.4	21.06	45.2	21.92	43.6	20.74	42.2	19.62	39.4	18.58
	-21.8	-22	48.6	21.34	48.2	21.92	45.2	20.74	43.6	19.62	42.2	18.58	39.4	17.58
	-19.8	-20	50.8	21.92	48.2	21.08	45.2	19.94	43.6	18.88	42.2	17.88	39.4	16.92
	-18.8	-19	50.8	21.50	48.2	20.66	45.2	19.54	43.6	18.50	42.2	17.54	39.4	16.58
	-16.7	-17	50.8	20.60	48.2	19.76	45.2	18.72	43.6	17.74	42.2	16.82	39.4	15.88
	-13.7	-15	50.8	19.30	48.2	18.50	45.2	17.52	43.6	16.62	42.2	15.78	39.4	14.88
	-11.8	-13	50.8	18.50	48.2	17.70	45.2	16.76	43.6	15.92	42.2	15.12	39.4	14.26
	-9.8	-11	50.8	17.64	48.2	16.86	45.2	15.98	43.6	15.18	42.2	14.42	39.4	13.58
	-9.5	-10	50.8	17.50	48.2	16.74	45.2	15.86	43.6	15.06	42.2	14.32	39.4	13.48
	-8.5	-9.1	50.8	17.08	48.2	16.32	45.2	15.46	43.6	14.70	42.2	13.96	39.4	13.16
	-7.0	-7.6	50.8	16.44	48.2	15.68	45.2	14.86	43.6	14.14	42.2	13.44	39.4	12.66
	-5.0	-5.6	50.8	15.58	48.2	14.84	45.2	14.08	43.6	13.40	42.2	12.76	39.4	11.98
	-3.0	-3.7	50.8	14.72	48.2	14.00	45.2	13.28	43.6	12.66	42.2	12.06	39.4	11.32
	0.0	-0.7	50.8	13.44	48.2	12.72	45.2	12.10	43.6	11.54	42.2	11.02	39.4	10.32
	3.0	2.2	50.8	12.16	48.2	11.46	45.2	10.90	43.6	10.44	42.2	9.98	39.4	9.32
	5.0	4.1	49.8	10.24	47.2	9.62	44.2	9.16	42.8	8.78	41.2	8.40	38.6	7.84
	7.0	6	48.6	9.28	46.0	8.70	43.2	8.30	41.6	7.98	40.2	7.64	37.6	7.12
	9.0	7.9	46.8	7.74	44.4	7.24	41.6	6.90	40.2	6.64	38.8	6.36	36.2	5.92
	11.0	9.8	44.2	6.64	41.8	6.22	39.2	5.92	38.0	5.70	36.6	5.46	34.4	5.08
	13.0	11.8	41.6	5.58	39.4	5.24	36.8	4.98	35.6	4.80	34.4	4.60	32.2	4.28
	15.0	13.7	39.4	4.78	37.2	4.48	35.0	4.22	33.8	4.06	32.6	3.90	30.4	3.66
50	-24.8	-25	42.4	18.76	40.0	19.62	37.6	18.52	36.4	17.48	35.2	16.52	32.8	15.62
	-21.8	-22	42.4	19.62	40.0	18.52	37.6	17.48	36.4	16.52	35.2	15.62	32.8	14.76
	-19.8	-20	42.4	18.84	40.0	17.78	37.6	16.80	36.4	15.86	35.2	15.02	32.8	14.18
	-18.8	-19	42.4	18.46	40.0	17.40	37.6	16.46	36.4	15.54	35.2	14.72	32.8	13.90
	-16.7	-17	42.4	17.64	40.0	16.64	37.6	15.74	36.4	14.86	35.2	14.08	32.8	13.30
	-13.7	-15	42.4	16.48	40.0	15.52	37.6	14.70	36.4	13.90	35.2	13.18	32.8	12.44
	-11.8	-13	42.4	15.74	40.0	14.82	37.6	14.04	36.4	13.28	35.2	12.62	32.8	11.90
	-9.8	-11	42.4	14.96	40.0	14.08	37.6	13.36	36.4	12.64	35.2	12.02	32.8	11.32
	-9.5	-10	42.4	14.84	40.0	13.98	37.6	13.26	36.4	12.54	35.2	11.94	32.8	11.24
	-8.5	-9.1	42.4	14.44	40.0	13.60	37.6	12.92	36.4	12.22	35.2	11.64	32.8	10.96
	-7.0	-7.6	42.4	13.86	40.0	13.06	37.6	12.40	36.4	11.74	35.2	11.18	32.8	10.52
	-5.0	-5.6	42.4	13.08	40.0	12.32	37.6	11.72	36.4	11.08	35.2	10.58	32.8	9.96
	-3.0	-3.7	42.4	12.30	40.0	11.58	37.6	11.02	36.4	10.44	35.2	9.98	32.8	9.38
	0.0	-0.7	42.4	11.14	40.0	10.46	37.6	10.00	36.4	9.48	35.2	9.08	32.8	8.52
	3.0	2.2	42.4	9.98	40.0	9.36	37.6	8.96	36.4	8.50	35.2	8.18	32.8	7.66
	5.0	4.1	41.6	8.34	39.2	7.80	36.8	7.50	35.6	7.12	34.6	6.86	32.2	6.42
	7.0	6	40.6	7.50	38.2	7.02	36.0	6.76	34.8	6.42	33.6	6.22	31.4	5.80
	9.0	7.9	39.0	6.30	36.8	5.90	34.6	5.68	33.6	5.40	32.4	5.24	30.2	4.88
	11.0	9.8	37.2	5.48	35.0	5.12	32.8	4.94	31.6	4.68	30.6	4.54	28.6	4.24
	13.0	11.8	34.6	4.56	32.8	4.26	30.8	4.10	29.8	3.92	28.8	3.78	26.8	3.56
	15.0	13.7	32.8	3.92	31.0	3.66	29.0	3.52	28.2	3.36	27.2	3.24	25.4	3.02

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM261LTE5

Heating Capacity (26HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	51.2	24.50	51.2	24.84	51.0	25.15	51.0	25.61	51.0	26.06	50.3	26.76
	-21.8	-22	61.7	25.20	61.7	25.54	61.2	25.85	61.2	26.31	61.2	26.76	60.5	27.45
	-19.8	-20	64.7	25.66	64.7	26.01	64.3	26.31	64.3	26.78	64.3	27.22	63.5	27.92
	-18.8	-19	66.2	25.90	66.2	26.24	65.8	26.55	65.8	27.01	65.8	27.45	65.0	28.15
	-16.7	-17	69.5	26.39	69.5	26.73	69.0	27.04	69.0	27.50	69.0	27.94	68.1	28.64
	-13.7	-15	74.0	27.09	74.0	27.43	73.6	27.74	73.6	28.20	73.6	28.64	72.6	27.45
	-11.8	-13	76.4	27.53	76.4	27.87	76.0	28.18	76.0	28.64	76.0	27.84	75.4	26.70
	-9.8	-11	79.0	27.99	79.0	28.34	78.4	28.64	78.4	27.78	78.4	26.99	78.1	25.91
	-9.5	-10	79.5	28.07	79.5	28.41	79.0	28.51	79.0	27.64	78.9	26.86	78.6	25.78
	-8.5	-9.1	81.2	28.30	81.2	28.64	80.7	28.06	80.7	27.20	80.1	26.43	80.0	25.38
	-7.0	-7.6	83.8	28.64	83.8	27.97	83.2	27.38	83.2	26.54	83.2	25.79	82.7	24.79
	-5.0	-5.6	87.3	27.75	87.3	27.07	86.7	26.47	86.7	25.67	86.7	24.94	85.6	23.99
	-3.0	-3.7	90.7	26.86	90.7	26.17	90.1	25.57	90.1	24.79	90.1	24.09	88.6	23.20
	0.0	-0.7	95.8	25.52	95.8	24.82	95.3	24.21	95.3	23.48	95.3	22.80	92.5	22.01
	3.0	2.2	101.0	24.18	101.0	23.47	100.3	22.85	100.3	22.17	98.8	21.52	92.5	20.81
	5.0	4.1	102.0	21.17	101.8	20.49	101.3	19.90	100.1	19.29	97.3	18.70	90.6	18.09
	7.0	6	101.0	19.92	100.8	19.28	100.3	18.72	98.3	18.18	94.9	17.63	88.3	17.11
	9.0	7.9	97.5	18.39	97.3	17.80	97.1	17.28	94.7	16.77	91.4	16.28	85.1	15.79
	11.0	9.8	92.3	17.08	92.1	16.53	91.8	16.05	89.5	15.58	86.4	15.12	80.4	14.66
	13.0	11.8	86.7	15.54	86.5	15.04	86.2	14.60	84.1	14.18	81.2	13.76	75.6	13.34
	15.0	13.7	81.9	14.22	81.9	13.76	81.5	13.37	79.5	12.98	76.7	12.60	71.5	12.21
120	-24.8	-25	50.9	24.84	50.9	25.15	50.6	25.61	50.6	26.06	50.6	26.76	49.9	27.25
	-21.8	-22	61.2	25.54	61.2	25.85	60.8	26.31	60.8	26.76	60.8	27.45	60.1	27.94
	-19.8	-20	64.2	26.01	64.2	26.31	63.8	26.78	63.8	27.22	63.8	27.92	63.0	28.41
	-18.8	-19	65.8	26.24	65.8	26.55	65.3	27.01	65.3	27.45	65.3	28.15	64.5	28.64
	-16.7	-17	69.0	26.73	69.0	27.04	68.6	27.50	68.6	27.94	68.6	28.64	67.6	27.88
	-13.7	-15	73.4	27.43	73.4	27.74	73.0	28.20	73.0	28.64	73.0	27.49	72.1	26.78
	-11.8	-13	75.8	27.87	75.8	28.18	75.4	28.64	75.4	27.82	75.4	26.76	74.8	26.09
	-9.8	-11	78.4	28.34	78.4	28.64	77.9	27.74	77.9	26.97	77.9	26.00	77.6	25.36
	-9.5	-10	79.0	28.41	79.0	28.50	78.5	27.61	78.5	26.84	78.5	25.89	78.2	25.25
	-8.5	-9.1	80.7	28.64	80.7	28.02	80.1	27.15	80.1	26.41	80.1	25.50	79.8	24.88
	-7.0	-7.6	83.2	27.92	83.2	27.30	82.7	26.48	82.7	25.77	82.5	24.93	82.1	24.33
	-5.0	-5.6	86.6	26.95	86.6	26.33	86.0	25.57	86.0	24.90	86.0	24.16	85.1	23.60
	-3.0	-3.7	90.1	25.98	90.1	25.37	89.5	24.66	89.5	24.05	89.5	23.39	86.9	22.87
	0.0	-0.7	95.1	24.52	95.1	23.92	94.5	23.31	94.5	22.76	93.3	22.25	86.9	21.77
	3.0	2.2	100.3	23.05	100.3	22.47	98.7	21.95	96.5	21.47	93.4	21.10	86.9	20.68
	5.0	4.1	101.3	20.06	100.5	19.51	97.8	19.06	94.5	18.65	91.6	18.36	85.1	18.00
	7.0	6	100.3	18.79	99.2	18.28	95.3	17.92	92.1	17.58	89.3	17.41	83.0	17.11
	9.0	7.9	96.9	17.30	95.6	16.84	91.8	16.51	88.8	16.18	86.0	16.03	79.9	15.74
	11.0	9.8	91.6	16.03	90.4	15.59	86.9	15.29	83.9	14.99	81.3	14.86	75.6	14.59
	13.0	11.8	86.0	14.54	84.9	14.14	81.5	13.87	78.8	13.60	76.4	13.48	70.9	13.23
	15.0	13.7	81.4	13.27	80.3	12.90	77.1	12.65	74.6	12.41	72.3	12.30	67.1	12.07
110	-24.8	-25	50.6	25.15	50.6	25.61	50.3	26.06	50.3	26.76	50.3	27.25	49.7	27.48
	-21.8	-22	60.9	25.85	60.9	26.31	60.5	26.76	60.5	27.45	60.5	27.94	59.8	28.18
	-19.8	-20	63.9	26.31	63.9	26.78	63.5	27.22	63.5	27.92	63.5	28.41	62.7	28.64
	-18.8	-19	65.4	26.55	65.4	27.01	64.9	27.45	64.9	28.15	64.9	28.64	64.2	28.25
	-16.7	-17	68.6	27.04	68.6	27.50	68.2	27.94	68.2	28.64	68.2	27.82	67.2	27.41
	-13.7	-15	73.1	27.74	73.1	28.20	72.6	28.64	72.6	27.40	72.6	26.64	72.6	26.21
	-11.8	-13	75.5	28.18	75.5	28.64	75.0	27.76	75.0	26.61	75.0	25.90	75.0	25.46
	-9.8	-11	78.0	28.64	78.0	27.65	77.5	26.83	77.5	25.77	77.5	25.12	77.5	24.66
	-9.5	-10	78.5	28.48	78.5	27.49	78.1	26.69	78.1	25.65	78.1	25.00	77.9	24.53
	-8.5	-9.1	80.2	27.94	80.2	26.99	79.7	26.23	79.7	25.23	79.7	24.60	78.2	24.14
	-7.0	-7.6	82.8	27.12	82.8	26.24	82.3	25.53	82.3	24.60	82.3	24.02	78.2	23.54
	-5.0	-5.6	86.2	26.03	86.2	25.23	85.6	24.59	85.6	23.77	83.7	23.23	78.2	22.74
	-3.0	-3.7	89.5	24.95	89.5	24.24	88.8	23.66	86.6	22.94	83.7	22.45	78.2	21.95
	0.0	-0.7	94.7	23.32	94.3	22.73	89.5	22.26	86.6	21.68	83.7	21.28	78.2	20.76
	3.0	2.2	99.3	21.69	95.4	21.22	89.5	20.86	86.6	20.44	83.7	20.10	78.2	19.56
	5.0	4.1	98.9	18.71	93.6	18.33	87.8	18.05	84.9	17.72	82.1	17.43	76.6	16.93
	7.0	6	96.4	17.37	91.2	17.11	85.6	16.91	82.7	16.71	79.9	16.50	74.7	15.98
	9.0	7.9	92.9	15.91	87.8	15.67	82.4	15.50	79.7	15.31	77.0	15.12	71.9	14.65
	11.0	9.8	87.8	14.66	83.0	14.44	78.0	14.27	75.4	14.11	72.8	13.93	68.0	13.49
	13.0	11.8	82.5	13.21	78.0	13.01	73.2	12.86	70.8	12.70	68.4	12.54	63.9	12.16
	15.0	13.7	78.0	11.95	73.7	11.78	69.3	11.65	67.0	11.51	64.7	11.35	60.4	11.00

7. Capacity Tables

Heating Capacity (26HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	50.4	28.01	50.4	28.09	50.1	26.80	50.1	28.30	50.1	28.39	49.5	28.43
	-21.8	-22	60.6	28.14	60.6	28.22	60.3	27.64	60.3	28.43	60.3	28.92	59.5	28.56
	-19.8	-20	63.6	28.22	63.6	28.30	63.2	28.19	63.2	28.51	63.2	28.73	62.4	28.64
	-18.8	-19	65.1	28.26	64.7	28.35	64.7	28.43	64.7	28.55	64.7	28.64	63.9	28.16
	-16.7	-17	67.9	28.35	67.9	28.44	67.9	28.92	67.5	28.64	67.5	27.65	66.6	27.16
	-13.7	-15	72.7	28.48	72.7	28.56	72.3	28.64	72.3	27.20	72.3	26.24	71.5	25.73
	-11.8	-13	75.1	28.56	74.7	28.64	74.7	27.67	74.7	26.28	74.7	25.33	71.5	24.82
	-9.8	-11	77.6	28.64	77.6	27.54	77.2	26.64	77.2	25.32	76.7	24.40	71.5	23.86
	-9.5	-10	78.1	28.47	78.1	27.38	77.7	26.48	77.7	25.17	76.7	24.25	71.5	23.72
	-8.5	-9.1	79.8	27.89	79.8	26.83	79.4	25.97	79.3	24.68	76.7	23.78	71.5	23.24
	-7.0	-7.6	83.7	27.02	83.4	26.00	81.9	25.19	79.3	23.96	76.7	23.07	71.5	22.52
	-5.0	-5.6	87.3	25.86	86.5	24.90	81.9	24.16	79.3	23.00	76.7	22.12	71.5	21.56
	-3.0	-3.7	89.9	24.70	87.1	23.80	81.9	23.13	79.3	22.03	76.7	21.19	71.5	20.61
	0.0	-0.7	92.3	22.96	87.1	22.15	81.9	21.58	79.3	20.59	76.7	19.76	71.5	19.17
	3.0	2.2	92.3	21.21	87.1	20.50	81.9	20.04	79.3	19.14	76.7	18.35	71.5	17.74
	5.0	4.1	90.5	18.22	85.4	17.60	80.2	17.22	77.7	16.44	75.2	15.73	70.0	15.17
	7.0	6	88.2	16.81	83.2	16.28	78.2	16.00	75.7	15.31	73.2	14.65	68.2	14.09
	9.0	7.9	85.0	15.26	80.2	14.78	75.4	14.52	73.0	13.89	70.6	13.28	65.7	12.78
	11.0	9.8	80.4	13.89	75.8	13.45	71.3	13.22	68.9	12.65	66.7	12.10	62.2	11.64
	13.0	11.8	75.4	12.34	71.2	11.96	66.9	11.75	64.8	11.24	62.6	10.75	58.3	10.34
	15.0	13.7	71.5	10.99	67.4	10.64	63.3	10.46	61.3	10.01	59.2	9.58	55.2	9.21
90	-24.8	-25	50.2	24.83	50.2	25.53	49.9	26.02	49.9	26.25	49.9	26.72	49.3	27.42
	-21.8	-22	60.4	25.53	60.4	26.23	60.1	26.72	60.1	26.95	60.1	27.42	59.2	26.18
	-19.8	-20	63.4	26.00	63.4	26.69	63.0	27.18	63.0	27.42	63.0	26.57	62.2	25.37
	-18.8	-19	65.1	26.23	64.7	26.93	64.5	27.42	64.5	26.98	64.5	26.15	63.7	24.96
	-16.7	-17	67.9	26.72	67.9	27.42	67.5	26.51	67.5	26.06	67.5	25.27	65.2	24.10
	-13.7	-15	72.7	27.42	72.7	26.06	72.1	25.21	72.1	24.76	70.2	24.00	65.2	22.87
	-11.8	-13	75.1	26.48	74.7	25.21	74.4	24.40	72.6	23.93	70.2	23.19	65.2	22.09
	-9.8	-11	77.6	25.50	77.6	24.31	75.0	23.54	72.6	23.06	70.2	22.36	65.2	21.27
	-9.5	-10	78.1	25.35	78.1	24.17	75.0	23.40	72.6	22.92	70.2	22.23	65.2	21.15
	-8.5	-9.1	79.8	24.87	79.2	23.72	75.0	22.97	72.6	22.48	70.2	21.80	65.2	20.74
	-7.0	-7.6	83.7	24.13	79.6	23.05	75.0	22.32	72.6	21.83	70.2	21.17	65.2	20.13
	-5.0	-5.6	84.6	23.15	79.6	22.14	75.0	21.46	72.6	20.96	70.2	20.32	65.2	19.31
	-3.0	-3.7	84.6	22.17	79.6	21.24	75.0	20.60	72.6	20.09	70.2	19.48	65.2	18.48
	0.0	-0.7	84.6	20.70	79.6	19.89	75.0	19.31	72.6	18.78	70.2	18.22	65.2	17.26
	3.0	2.2	84.6	19.22	79.6	18.54	75.0	18.01	72.6	17.48	70.2	16.95	65.2	16.03
	5.0	4.1	82.9	16.53	78.0	15.95	73.4	15.49	71.1	15.00	68.9	14.54	63.9	13.72
	7.0	6	80.8	15.37	76.0	14.89	71.5	14.49	69.3	14.00	67.1	13.58	62.4	12.80
	9.0	7.9	77.8	13.94	73.2	13.52	68.9	13.15	66.8	12.70	64.6	12.33	60.0	11.62
	11.0	9.8	73.6	12.57	69.3	12.18	65.2	11.86	63.2	11.45	61.1	11.11	56.8	10.47
	13.0	11.8	69.1	10.95	65.0	10.61	61.3	10.33	59.3	9.97	57.4	9.67	53.3	9.12
	15.0	13.7	65.4	9.64	61.5	9.35	57.9	9.09	56.1	8.78	54.4	8.52	50.5	8.04
80	-24.8	-25	50.0	21.72	50.0	22.42	49.7	22.91	49.7	23.14	49.7	24.31	49.1	23.23
	-21.8	-22	59.7	22.42	59.7	23.12	59.7	23.61	59.7	24.31	59.7	23.23	58.3	22.20
	-19.8	-20	62.7	22.89	62.7	23.58	62.7	24.31	62.7	23.54	62.4	22.51	58.3	21.51
	-18.8	-19	64.2	23.12	64.2	24.31	64.2	23.92	64.2	23.16	62.6	22.15	58.3	21.16
	-16.7	-17	67.0	24.31	67.0	23.50	67.0	23.11	65.0	22.36	62.6	21.39	58.3	20.44
	-13.7	-15	70.0	23.10	68.7	22.33	67.0	21.94	65.0	21.21	62.6	20.31	58.3	19.41
	-11.8	-13	71.9	22.32	69.7	21.59	67.0	21.19	65.0	20.48	62.6	19.62	58.3	18.75
	-9.8	-11	73.8	21.51	70.8	20.81	67.0	20.41	65.0	19.72	62.6	18.91	58.3	18.06
	-9.5	-10	74.3	21.39	71.1	20.69	67.0	20.29	65.0	19.60	62.6	18.79	58.3	17.95
	-8.5	-9.1	75.1	20.99	71.4	20.31	67.0	19.90	65.0	19.22	62.6	18.43	58.3	17.61
	-7.0	-7.6	75.8	20.38	71.4	19.72	67.0	19.31	65.0	18.64	62.6	17.90	58.3	17.09
	-5.0	-5.6	75.8	19.57	71.4	18.95	67.0	18.54	65.0	17.87	62.6	17.17	58.3	16.40
	-3.0	-3.7	75.8	18.76	71.4	18.17	67.0	17.76	65.0	17.11	62.6	16.45	58.3	15.71
	0.0	-0.7	75.8	17.54	71.4	17.00	67.0	16.59	65.0	15.96	62.6	15.36	58.3	14.68
	3.0	2.2	75.8	16.33	71.4	15.83	67.0	15.42	65.0	14.81	62.6	14.28	58.3	13.64
	5.0	4.1	74.3	14.03	70.0	13.61	65.7	13.22	63.7	12.68	61.4	12.24	57.2	11.69
	7.0	6	72.4	13.08	68.2	12.71	64.0	12.34	62.1	11.82	59.8	11.43	55.7	10.91
	9.0	7.9	69.7	11.51	65.7	11.19	61.7	10.92	59.8	10.51	57.6	10.14	53.7	9.65
	11.0	9.8	65.9	10.05	62.1	9.78	58.3	9.54	56.6	9.18	54.6	8.85	50.7	8.43
	13.0	11.8	61.9	8.56	58.3	8.32	54.8	8.13	53.1	7.81	51.2	7.53	47.7	7.17
	15.0	13.7	58.5	7.53	55.2	7.33	51.8	7.14	50.3	6.88	48.5	6.62	45.1	6.31

7. Capacity Tables

Heating Capacity (26HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	50.0	22.19	50.0	22.42	49.7	22.89	49.7	23.59	49.7	22.44	49.0	21.35
	-21.8	-22	57.4	22.89	57.4	23.12	57.0	23.59	55.1	22.44	53.5	21.35	49.9	20.31
	-19.8	-20	62.4	23.36	60.7	23.59	57.0	22.78	55.1	21.67	53.5	20.64	49.9	19.63
	-18.8	-19	64.0	23.59	60.7	23.16	57.0	22.37	55.1	21.28	53.5	20.28	49.9	19.27
	-16.7	-17	64.2	22.71	60.7	22.28	57.0	21.52	55.1	20.48	53.5	19.52	49.9	18.55
	-13.7	-15	64.2	21.46	60.7	21.02	57.0	20.30	55.1	19.31	53.5	18.45	49.9	17.51
	-11.8	-13	64.2	20.66	60.7	20.21	57.0	19.52	55.1	18.58	53.5	17.76	49.9	16.85
	-9.8	-11	64.2	19.83	60.7	19.38	57.0	18.71	55.1	17.81	53.5	17.04	49.9	16.16
	-9.5	-10	64.2	19.70	60.7	19.25	57.0	18.59	55.1	17.70	53.5	16.93	49.9	16.06
	-8.5	-9.1	64.2	19.28	60.7	18.83	57.0	18.18	55.1	17.31	53.5	16.58	49.9	15.71
	-7.0	-7.6	64.2	18.66	60.7	18.20	57.0	17.57	55.1	16.73	53.5	16.04	49.9	15.19
	-5.0	-5.6	64.2	17.82	60.7	17.35	57.0	16.76	55.1	15.96	53.5	15.31	49.9	14.50
	-3.0	-3.7	64.2	16.99	60.7	16.51	57.0	15.95	55.1	15.19	53.5	14.59	49.9	13.80
	0.0	-0.7	64.2	15.73	60.7	15.25	57.0	14.73	55.1	14.04	53.5	13.52	49.9	12.76
	3.0	2.2	64.2	14.48	60.7	13.97	57.0	13.50	55.1	12.88	53.5	12.44	49.9	11.72
	5.0	4.1	64.2	12.60	59.4	11.88	55.9	11.48	54.0	10.94	52.4	10.58	48.9	9.97
	7.0	6	64.3	11.97	57.9	10.93	54.5	10.58	52.6	10.10	51.1	9.79	47.7	9.21
	9.0	7.9	62.0	10.21	55.8	9.33	52.5	9.02	50.7	8.61	49.2	8.34	45.9	7.85
	11.0	9.8	58.5	8.90	52.8	8.13	49.6	7.86	47.9	7.51	46.6	7.28	43.4	6.84
	13.0	11.8	55.0	7.64	49.6	6.99	46.6	6.75	45.0	6.45	43.7	6.26	40.7	5.88
	15.0	13.7	52.0	6.65	46.8	6.07	44.2	5.88	42.6	5.60	41.4	5.44	38.6	5.11
60	-24.8	-25	49.2	21.72	49.2	22.19	48.9	22.89	47.3	21.69	45.7	20.56	42.7	19.50
	-21.8	-22	52.7	22.42	52.2	22.89	48.9	21.69	47.3	20.56	45.7	19.50	42.7	18.48
	-19.8	-20	55.1	22.89	52.2	22.04	48.9	20.89	47.3	19.81	45.7	18.80	42.7	17.81
	-18.8	-19	55.1	22.47	52.2	21.62	48.9	20.48	47.3	19.43	45.7	18.45	42.7	17.46
	-16.7	-17	55.1	21.56	52.2	20.72	48.9	19.65	47.3	18.65	45.7	17.71	42.7	16.75
	-13.7	-15	55.1	20.26	52.2	19.44	48.9	18.44	47.3	17.52	45.7	16.65	42.7	15.73
	-11.8	-13	55.1	19.45	52.2	18.64	48.9	17.68	47.3	16.81	45.7	15.98	42.7	15.09
	-9.8	-11	55.1	18.59	52.2	17.79	48.9	16.88	47.3	16.06	45.7	15.27	42.7	14.40
	-9.5	-10	55.1	18.46	52.2	17.66	48.9	16.76	47.3	15.94	45.7	15.17	42.7	14.30
	-8.5	-9.1	55.1	18.03	52.2	17.24	48.9	16.36	47.3	15.57	45.7	14.81	42.7	13.97
	-7.0	-7.6	55.1	17.39	52.2	16.60	48.9	15.75	47.3	15.00	45.7	14.28	42.7	13.46
	-5.0	-5.6	55.1	16.52	52.2	15.75	48.9	14.96	47.3	14.25	45.7	13.59	42.7	12.77
	-3.0	-3.7	55.1	15.66	52.2	14.90	48.9	14.15	47.3	13.50	45.7	12.88	42.7	12.09
	0.0	-0.7	55.1	14.37	52.2	13.61	48.9	12.95	47.3	12.37	45.7	11.82	42.7	11.07
	3.0	2.2	55.1	13.08	52.2	12.34	48.9	11.74	47.3	11.25	45.7	10.76	42.7	10.05
	5.0	4.1	54.0	11.07	51.1	10.40	47.9	9.90	46.4	9.50	44.7	9.09	41.8	8.48
	7.0	6	52.6	10.10	49.8	9.47	46.8	9.03	45.1	8.68	43.6	8.32	40.8	7.74
	9.0	7.9	50.7	8.53	48.0	7.99	45.0	7.61	43.5	7.32	42.0	7.02	39.3	6.53
	11.0	9.8	47.9	7.44	45.3	6.97	42.5	6.64	41.1	6.38	39.7	6.12	37.2	5.69
	13.0	11.8	45.0	6.38	42.7	5.98	39.9	5.70	38.6	5.48	37.3	5.26	34.9	4.89
	15.0	13.7	42.6	5.60	40.3	5.25	37.9	4.95	36.6	4.76	35.3	4.57	33.0	4.29
50	-24.8	-25	46.0	19.48	43.4	20.18	40.7	19.09	39.4	18.06	38.1	17.11	35.5	16.21
	-21.8	-22	46.0	20.18	43.4	19.09	40.7	18.06	39.4	17.11	38.1	16.21	35.5	15.35
	-19.8	-20	46.0	19.42	43.4	18.36	40.7	17.39	39.4	16.46	38.1	15.61	35.5	14.77
	-18.8	-19	46.0	19.04	43.4	17.99	40.7	17.05	39.4	16.14	38.1	15.31	35.5	14.49
	-16.7	-17	46.0	18.23	43.4	17.23	40.7	16.33	39.4	15.46	38.1	14.68	35.5	13.89
	-13.7	-15	46.0	17.09	43.4	16.13	40.7	15.31	39.4	14.50	38.1	13.78	35.5	13.03
	-11.8	-13	46.0	16.36	43.4	15.44	40.7	14.66	39.4	13.89	38.1	13.22	35.5	12.48
	-9.8	-11	46.0	15.59	43.4	14.71	40.7	13.98	39.4	13.25	38.1	12.62	35.5	11.91
	-9.5	-10	46.0	15.48	43.4	14.60	40.7	13.88	39.4	13.15	38.1	12.54	35.5	11.82
	-8.5	-9.1	46.0	15.09	43.4	14.23	40.7	13.54	39.4	12.83	38.1	12.24	35.5	11.54
	-7.0	-7.6	46.0	14.52	43.4	13.69	40.7	13.03	39.4	12.35	38.1	11.79	35.5	11.11
	-5.0	-5.6	46.0	13.75	43.4	12.96	40.7	12.35	39.4	11.70	38.1	11.19	35.5	10.54
	-3.0	-3.7	46.0	12.98	43.4	12.23	40.7	11.66	39.4	11.06	38.1	10.59	35.5	9.96
	0.0	-0.7	46.0	11.84	43.4	11.13	40.7	10.65	39.4	10.10	38.1	9.69	35.5	9.10
	3.0	2.2	46.0	10.70	43.4	10.04	40.7	9.62	39.4	9.13	38.1	8.80	35.5	8.24
	5.0	4.1	45.1	8.99	42.5	8.42	39.9	8.09	38.6	7.69	37.4	7.42	34.9	6.94
	7.0	6	43.9	8.16	41.4	7.64	39.0	7.36	37.7	6.99	36.4	6.77	34.0	6.31
	9.0	7.9	42.3	6.95	39.9	6.51	37.5	6.27	36.3	5.96	35.1	5.78	32.7	5.38
	11.0	9.8	40.2	6.14	37.9	5.74	35.6	5.53	34.3	5.25	33.2	5.09	31.0	4.75
	13.0	11.8	37.5	5.21	35.5	4.87	33.3	4.69	32.3	4.49	31.2	4.32	29.0	4.06
	15.0	13.7	35.5	4.59	33.6	4.29	31.5	4.13	30.5	3.93	29.5	3.80	27.5	3.54

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM280LTE5

Heating Capacity (28HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	52.6	26.23	52.6	26.72	52.3	27.15	52.3	27.80	52.3	28.42	52.2	29.41
	-21.8	-22	63.6	27.22	63.6	27.70	63.2	28.13	63.2	28.78	63.2	29.41	63.1	30.38
	-19.8	-20	66.9	27.86	66.9	28.36	66.5	28.78	66.5	29.43	66.5	30.05	66.4	31.03
	-18.8	-19	68.6	28.20	68.6	28.68	68.2	29.11	68.2	29.76	68.2	30.38	68.1	31.36
	-16.7	-17	72.1	28.88	72.1	29.37	71.7	29.80	71.7	30.44	71.7	31.06	71.5	32.04
	-13.7	-15	77.1	29.86	77.1	30.35	76.6	30.78	76.6	31.42	76.6	32.04	76.4	30.78
	-11.8	-13	79.7	30.48	79.7	30.97	79.2	31.40	79.2	32.04	79.2	31.20	79.2	29.99
	-9.8	-11	82.5	31.13	82.5	31.62	81.9	32.04	81.9	31.14	81.9	30.30	81.9	29.15
	-9.5	-10	83.2	31.23	83.2	31.72	82.7	31.91	82.7	30.99	82.3	30.17	82.3	29.02
	-8.5	-9.1	86.0	31.56	86.0	32.04	85.5	31.44	85.5	30.54	83.7	29.71	83.7	28.59
	-7.0	-7.6	90.3	32.04	90.3	31.35	89.6	30.74	89.6	29.85	89.6	29.04	87.6	27.97
	-5.0	-5.6	95.9	31.15	95.9	30.43	95.2	29.79	95.2	28.94	95.2	28.15	90.8	27.12
	-3.0	-3.7	101.5	30.24	101.5	29.51	100.8	28.86	100.8	28.02	100.8	27.25	94.1	26.28
	0.0	-0.7	109.8	28.88	109.8	28.12	109.1	27.45	108.0	26.65	105.8	25.90	98.8	25.02
	3.0	2.2	112.7	27.52	112.7	26.73	112.2	26.04	110.6	25.29	106.9	24.55	99.6	23.76
	5.0	4.1	112.0	24.19	111.7	23.43	111.3	22.76	108.6	22.07	104.8	21.40	97.6	20.70
	7.0	6	109.1	22.88	108.9	22.15	108.5	21.50	105.9	20.88	102.2	20.25	95.1	19.65
	9.0	7.9	105.0	21.23	104.8	20.54	104.5	19.94	102.0	19.36	98.4	18.79	91.6	18.23
	11.0	9.8	99.4	19.82	99.2	19.19	98.9	18.63	96.4	18.09	93.1	17.55	86.6	17.02
	13.0	11.8	93.3	18.16	93.1	17.57	92.9	17.06	90.5	16.56	87.4	16.08	81.4	15.59
	15.0	13.7	88.3	16.75	88.2	16.21	87.8	15.74	85.7	15.28	82.6	14.83	77.0	14.38
120	-24.8	-25	52.3	26.72	52.3	27.15	51.9	27.80	51.9	28.42	51.9	29.41	51.8	30.09
	-21.8	-22	63.2	27.70	63.2	28.13	62.8	28.78	62.8	29.41	62.8	30.38	62.7	31.06
	-19.8	-20	66.5	28.36	66.5	28.78	66.0	29.43	66.0	30.05	66.0	31.03	65.9	31.72
	-18.8	-19	68.1	28.68	68.1	29.11	67.7	29.76	67.7	30.38	67.7	31.36	67.6	32.04
	-16.7	-17	71.6	29.37	71.6	29.80	71.2	30.44	71.2	31.06	71.2	32.04	71.0	31.24
	-13.7	-15	76.5	30.35	76.5	30.78	76.0	31.42	76.0	32.04	76.0	30.83	75.9	30.08
	-11.8	-13	79.1	30.97	79.1	31.40	78.6	32.04	78.6	31.18	78.6	30.06	78.6	29.34
	-9.8	-11	81.8	31.62	81.8	32.04	81.3	31.10	81.3	30.28	81.3	29.26	81.3	28.57
	-9.5	-10	82.7	31.72	82.7	31.89	82.2	30.96	82.2	30.15	82.2	29.14	82.2	28.45
	-8.5	-9.1	85.5	32.04	85.5	31.39	84.9	30.48	84.9	29.69	84.4	28.74	84.4	28.06
	-7.0	-7.6	89.6	31.29	89.6	30.64	89.1	29.77	89.1	29.02	87.0	28.12	86.9	27.48
	-5.0	-5.6	95.2	30.29	95.2	29.63	94.5	28.83	94.5	28.11	94.5	27.32	90.2	26.71
	-3.0	-3.7	100.7	29.28	100.7	28.63	100.1	27.87	100.1	27.21	99.2	26.51	92.9	25.93
	0.0	-0.7	109.0	27.77	108.5	27.12	105.7	26.45	103.7	25.85	100.6	25.30	93.5	24.77
	3.0	2.2	111.9	26.26	111.2	25.61	107.5	25.03	103.9	24.49	100.6	24.09	93.5	23.62
	5.0	4.1	111.1	22.93	109.7	22.31	105.3	21.80	101.8	21.34	98.7	21.01	91.7	20.60
	7.0	6	108.3	21.58	106.9	21.00	102.7	20.58	99.2	20.19	96.1	20.00	89.3	19.65
	9.0	7.9	104.3	19.97	102.9	19.43	98.9	19.05	95.6	18.68	92.6	18.50	86.1	18.17
	11.0	9.8	98.7	18.60	97.3	18.09	93.5	17.73	90.4	17.40	87.6	17.23	81.4	16.93
	13.0	11.8	92.6	16.98	91.4	16.51	87.8	16.19	84.9	15.88	82.3	15.73	76.4	15.45
	15.0	13.7	87.7	15.60	86.5	15.17	83.1	14.87	80.3	14.60	77.9	14.46	72.3	14.20
110	-24.8	-25	51.9	27.15	51.9	27.80	51.7	28.42	51.7	29.41	51.7	30.09	51.6	30.42
	-21.8	-22	62.9	28.13	62.9	28.78	62.5	29.41	62.5	30.38	62.5	31.06	62.4	31.40
	-19.8	-20	66.1	28.78	66.1	29.43	65.7	30.05	65.7	31.03	65.7	31.72	65.5	32.04
	-18.8	-19	67.7	29.11	67.7	29.76	67.3	30.38	67.3	31.36	67.3	32.04	67.2	31.62
	-16.7	-17	71.2	29.80	71.2	30.44	70.8	31.06	70.8	32.04	70.8	31.17	70.6	30.72
	-13.7	-15	76.2	30.78	76.2	31.42	75.6	32.04	75.6	30.72	75.6	29.92	75.6	29.45
	-11.8	-13	78.7	31.40	78.7	32.04	78.2	31.11	78.2	29.88	78.2	29.12	78.2	28.64
	-9.8	-11	81.4	32.04	81.4	30.99	80.9	30.13	80.9	29.00	80.9	28.29	80.9	27.79
	-9.5	-10	82.2	31.87	82.2	30.82	81.8	29.97	81.8	28.86	81.8	28.17	81.8	27.65
	-8.5	-9.1	85.0	31.31	85.0	30.30	84.4	29.48	84.4	28.42	84.1	27.75	83.6	27.23
	-7.0	-7.6	89.1	30.44	89.1	29.50	88.6	28.74	88.6	27.75	87.1	27.13	84.2	26.59
	-5.0	-5.6	94.7	29.29	94.7	28.44	94.0	27.75	93.0	26.87	89.2	26.29	84.2	25.74
	-3.0	-3.7	100.1	28.15	100.1	27.38	96.4	26.76	93.3	25.98	90.1	25.46	84.2	24.89
	0.0	-0.7	106.5	26.42	102.7	25.79	96.4	25.28	93.3	24.65	90.1	24.21	84.2	23.61
	3.0	2.2	108.7	24.71	102.7	24.19	96.4	23.80	93.3	23.33	90.1	22.95	84.2	22.34
	5.0	4.1	106.6	21.38	100.7	20.97	94.5	20.65	91.4	20.28	88.4	19.96	82.5	19.38
	7.0	6	103.8	19.95	98.2	19.65	92.1	19.43	89.1	19.19	86.1	18.95	80.4	18.36
	9.0	7.9	100.1	18.36	94.5	18.08	88.7	17.88	85.8	17.67	82.9	17.44	77.5	16.90
	11.0	9.8	94.6	17.01	89.4	16.75	83.9	16.55	81.2	16.36	78.4	16.15	73.2	15.65
	13.0	11.8	88.9	15.42	84.0	15.19	78.8	15.01	76.3	14.83	73.7	14.64	68.8	14.19
	15.0	13.7	84.0	14.05	79.4	13.85	74.6	13.69	72.1	13.52	69.7	13.34	65.1	12.93

7. Capacity Tables

Heating Capacity (28HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	51.7	30.23	51.7	30.46	51.4	29.54	51.4	31.06	51.4	31.32	51.3	31.44
	-21.8	-22	62.5	30.59	62.5	30.83	62.2	30.48	62.2	31.43	62.2	32.12	62.0	31.81
	-19.8	-20	65.8	30.83	65.8	31.07	65.4	31.10	65.4	31.67	65.4	32.07	65.3	32.04
	-18.8	-19	67.5	30.95	67.0	31.20	67.0	31.43	67.0	31.79	67.0	32.04	66.9	31.53
	-16.7	-17	70.5	31.21	70.5	31.46	70.5	32.12	70.1	32.04	70.1	30.98	69.9	30.44
	-13.7	-15	75.8	31.57	75.8	31.81	75.3	32.04	75.3	30.50	75.3	29.45	75.2	28.89
	-11.8	-13	78.3	31.81	77.9	32.04	77.9	31.00	77.9	29.51	77.9	28.48	76.7	27.90
	-9.8	-11	80.9	32.04	80.9	30.87	80.6	29.90	80.6	28.47	80.6	27.47	76.9	26.87
	-9.5	-10	81.8	31.86	81.8	30.70	81.4	29.73	81.4	28.31	81.2	27.31	76.9	26.72
	-8.5	-9.1	84.5	31.24	84.5	30.11	84.1	29.19	85.4	27.79	82.6	26.80	76.9	26.20
	-7.0	-7.6	90.1	30.32	89.8	29.23	88.2	28.35	85.4	27.02	82.6	26.03	76.9	25.42
	-5.0	-5.6	94.1	29.09	93.1	28.06	88.2	27.25	85.4	25.98	82.6	25.01	76.9	24.39
	-3.0	-3.7	96.8	27.86	93.8	26.89	88.2	26.16	85.4	24.94	82.6	24.00	76.9	23.35
	0.0	-0.7	99.5	26.01	93.8	25.12	88.2	24.50	85.4	23.39	82.6	22.47	76.9	21.80
	3.0	2.2	99.5	24.16	93.8	23.36	88.2	22.85	85.4	21.83	82.6	20.94	76.9	20.25
	5.0	4.1	97.5	20.83	92.0	20.12	86.4	19.70	83.7	18.80	80.9	18.00	75.4	17.36
	7.0	6	95.0	19.31	89.6	18.70	84.2	18.38	81.5	17.58	78.9	16.82	73.5	16.18
	9.0	7.9	91.5	17.58	86.3	17.02	81.2	16.72	78.6	16.00	76.0	15.30	70.7	14.72
	11.0	9.8	86.6	16.06	81.7	15.55	76.7	15.28	74.2	14.62	71.8	13.99	66.9	13.45
	13.0	11.8	81.2	14.33	76.7	13.88	72.1	13.64	69.8	13.05	67.4	12.48	62.8	12.00
	15.0	13.7	76.9	12.82	72.6	12.42	68.2	12.20	66.0	11.67	63.8	11.17	59.5	10.74
90	-24.8	-25	51.5	26.82	51.5	27.80	51.2	28.49	51.2	28.81	51.2	29.47	51.1	30.45
	-21.8	-22	62.3	27.80	62.3	28.78	62.0	29.47	62.0	29.79	62.0	30.45	61.8	29.13
	-19.8	-20	65.6	28.46	65.6	29.43	65.1	30.11	65.1	30.45	65.1	29.55	65.0	28.26
	-18.8	-19	67.5	28.78	67.0	29.76	66.8	30.45	66.8	29.98	66.8	29.10	66.7	27.82
	-16.7	-17	70.5	29.47	70.5	30.45	70.1	29.49	70.1	29.01	70.1	28.16	69.3	26.90
	-13.7	-15	75.8	30.45	75.8	29.02	75.1	28.12	75.1	27.63	74.5	26.81	70.3	25.58
	-11.8	-13	78.3	29.47	77.9	28.12	77.6	27.26	77.0	26.75	75.6	25.96	70.3	24.75
	-9.8	-11	80.9	28.44	80.9	27.18	79.6	26.35	78.2	25.82	75.6	25.07	70.3	23.88
	-9.5	-10	81.8	28.29	81.8	27.03	80.2	26.21	78.2	25.68	75.6	24.93	70.3	23.75
	-8.5	-9.1	84.5	27.78	83.9	26.56	80.7	25.75	78.2	25.22	75.6	24.48	70.3	23.31
	-7.0	-7.6	90.1	27.01	85.7	25.85	80.7	25.07	78.2	24.53	75.6	23.81	70.3	22.66
	-5.0	-5.6	91.1	25.98	85.7	24.90	80.7	24.16	78.2	23.61	75.6	22.91	70.3	21.78
	-3.0	-3.7	91.1	24.96	85.7	23.96	80.7	23.26	78.2	22.68	75.6	22.01	70.3	20.90
	0.0	-0.7	91.1	23.42	85.7	22.53	80.7	21.89	78.2	21.30	75.6	20.67	70.3	19.59
	3.0	2.2	91.1	21.88	85.7	21.11	80.7	20.53	78.2	19.92	75.6	19.32	70.3	18.28
	5.0	4.1	89.3	18.88	84.0	18.23	79.1	17.71	76.6	17.15	74.2	16.63	68.9	15.70
	7.0	6	87.0	17.65	81.9	17.10	77.0	16.65	74.7	16.08	72.3	15.60	67.2	14.71
	9.0	7.9	83.8	16.06	78.9	15.57	74.2	15.15	71.9	14.63	69.6	14.20	64.7	13.39
	11.0	9.8	79.3	14.53	74.6	14.08	70.2	13.70	68.1	13.24	65.8	12.85	61.1	12.11
	13.0	11.8	74.4	12.71	70.0	12.31	66.0	11.99	63.9	11.57	61.8	11.23	57.4	10.59
	15.0	13.7	70.4	11.24	66.3	10.91	62.3	10.61	60.4	10.25	58.5	9.95	54.4	9.38
80	-24.8	-25	51.3	23.37	51.3	24.35	51.0	25.04	51.0	25.36	51.0	27.00	50.9	25.84
	-21.8	-22	61.6	24.35	61.6	25.33	61.6	26.02	61.6	27.00	61.6	25.84	61.0	24.73
	-19.8	-20	64.9	25.01	64.9	25.98	64.9	27.00	64.9	26.18	64.9	25.07	62.8	24.00
	-18.8	-19	66.5	25.33	66.5	27.00	66.5	26.58	66.5	25.77	66.0	24.68	62.8	23.62
	-16.7	-17	70.1	27.00	70.1	26.13	70.1	25.72	69.2	24.92	67.5	23.88	62.8	22.85
	-13.7	-15	75.4	25.72	74.0	24.90	72.2	24.48	70.0	23.69	67.5	22.72	62.8	21.74
	-11.8	-13	77.4	24.91	75.1	24.12	72.2	23.69	70.0	22.92	67.5	21.99	62.8	21.04
	-9.8	-11	79.1	24.05	76.0	23.30	72.2	22.86	70.0	22.11	67.5	21.22	62.8	20.30
	-9.5	-10	79.6	23.93	76.4	23.17	72.2	22.73	70.0	21.98	67.5	21.10	62.8	20.18
	-8.5	-9.1	80.6	23.50	76.9	22.77	72.2	22.32	70.0	21.58	67.5	20.71	62.8	19.82
	-7.0	-7.6	81.6	22.86	76.9	22.15	72.2	21.70	70.0	20.96	67.5	20.15	62.8	19.26
	-5.0	-5.6	81.6	22.01	76.9	21.33	72.2	20.88	70.0	20.14	67.5	19.37	62.8	18.52
	-3.0	-3.7	81.6	21.15	76.9	20.51	72.2	20.05	70.0	19.33	67.5	18.60	62.8	17.78
	0.0	-0.7	81.6	19.87	76.9	19.28	72.2	18.81	70.0	18.11	67.5	17.44	62.8	16.67
	3.0	2.2	81.6	18.59	76.9	18.04	72.2	17.57	70.0	16.88	67.5	16.29	62.8	15.56
	5.0	4.1	80.0	16.04	75.4	15.55	70.7	15.12	68.6	14.50	66.1	14.00	61.6	13.37
	7.0	6	77.9	15.03	73.5	14.60	68.9	14.17	66.9	13.57	64.4	13.13	60.0	12.53
	9.0	7.9	75.1	13.26	70.7	12.89	66.5	12.58	64.4	12.10	62.1	11.67	57.8	11.12
	11.0	9.8	71.0	11.62	66.9	11.30	62.8	11.03	60.9	10.60	58.8	10.22	54.6	9.74
	13.0	11.8	66.7	9.93	62.8	9.66	59.0	9.43	57.2	9.06	55.1	8.74	51.3	8.32
	15.0	13.7	63.0	8.79	59.5	8.55	55.8	8.33	54.1	8.02	52.2	7.73	48.5	7.37

7. Capacity Tables

Heating Capacity (28HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	51.3	24.06	51.3	24.38	51.0	25.04	51.0	26.02	51.0	24.79	50.8	23.64
	-21.8	-22	60.6	25.04	60.9	25.36	60.4	26.02	59.3	24.79	57.6	23.64	53.7	22.53
	-19.8	-20	64.8	25.69	64.2	26.02	61.4	25.16	59.3	23.98	57.6	22.88	53.7	21.80
	-18.8	-19	66.5	26.02	65.1	25.57	61.4	24.73	59.3	23.56	57.6	22.50	53.7	21.42
	-16.7	-17	68.8	25.10	65.3	24.64	61.4	23.83	59.3	22.71	57.6	21.69	53.7	20.65
	-13.7	-15	69.1	23.78	65.3	23.31	61.4	22.54	59.3	21.48	57.6	20.55	53.7	19.54
	-11.8	-13	69.1	22.94	65.3	22.46	61.4	21.72	59.3	20.70	57.6	19.82	53.7	18.83
	-9.8	-11	69.1	22.07	65.3	21.58	61.4	20.86	59.3	19.88	57.6	19.05	53.7	18.09
	-9.5	-10	69.1	21.94	65.3	21.44	61.4	20.74	59.3	19.77	57.6	18.94	53.7	17.98
	-8.5	-9.1	69.1	21.50	65.3	21.00	61.4	20.30	59.3	19.36	57.6	18.56	53.7	17.61
	-7.0	-7.6	69.1	20.84	65.3	20.34	61.4	19.66	59.3	18.74	57.6	17.99	53.7	17.06
	-5.0	-5.6	69.1	19.96	65.3	19.45	61.4	18.80	59.3	17.93	57.6	17.22	53.7	16.32
	-3.0	-3.7	69.1	19.09	65.3	18.56	61.4	17.94	59.3	17.11	57.6	16.45	53.7	15.57
	0.0	-0.7	69.1	17.78	65.3	17.23	61.4	16.65	59.3	15.88	57.6	15.31	53.7	14.46
	3.0	2.2	69.1	16.46	65.3	15.89	61.4	15.36	59.3	14.66	57.6	14.16	53.7	13.35
	5.0	4.1	69.1	14.40	64.0	13.57	60.2	13.10	58.1	12.50	56.5	12.09	52.7	11.39
	7.0	6	69.3	13.75	62.3	12.56	58.7	12.14	56.7	11.60	55.0	11.25	51.3	10.57
	9.0	7.9	66.7	11.76	60.1	10.75	56.5	10.39	54.6	9.91	53.0	9.61	49.4	9.04
	11.0	9.8	63.1	10.29	56.9	9.40	53.5	9.09	51.6	8.68	50.1	8.42	46.7	7.91
	13.0	11.8	59.3	8.87	53.4	8.11	50.2	7.84	48.5	7.48	47.1	7.26	43.9	6.82
	15.0	13.7	56.0	7.76	50.5	7.09	47.5	6.86	45.9	6.54	44.5	6.34	41.5	5.96
60	-24.8	-25	50.7	23.40	50.7	24.06	50.4	25.04	49.6	23.78	48.9	22.59	46.0	21.47
	-21.8	-22	55.8	24.38	56.2	25.04	52.7	23.78	50.9	22.59	49.2	21.47	46.0	20.39
	-19.8	-20	59.3	25.04	56.2	24.15	52.7	22.93	50.9	21.80	49.2	20.72	46.0	19.67
	-18.8	-19	59.3	24.59	56.2	23.70	52.7	22.51	50.9	21.40	49.2	20.35	46.0	19.30
	-16.7	-17	59.3	23.65	56.2	22.76	52.7	21.63	50.9	20.57	49.2	19.57	46.0	18.54
	-13.7	-15	59.3	22.30	56.2	21.43	52.7	20.36	50.9	19.38	49.2	18.46	46.0	17.46
	-11.8	-13	59.3	21.46	56.2	20.58	52.7	19.56	50.9	18.63	49.2	17.75	46.0	16.78
	-9.8	-11	59.3	20.56	56.2	19.70	52.7	18.72	50.9	17.84	49.2	17.00	46.0	16.05
	-9.5	-10	59.3	20.42	56.2	19.57	52.7	18.60	50.9	17.72	49.2	16.89	46.0	15.94
	-8.5	-9.1	59.3	19.98	56.2	19.12	52.7	18.17	50.9	17.33	49.2	16.51	46.0	15.59
	-7.0	-7.6	59.3	19.31	56.2	18.45	52.7	17.54	50.9	16.73	49.2	15.95	46.0	15.05
	-5.0	-5.6	59.3	18.42	56.2	17.56	52.7	16.70	50.9	15.94	49.2	15.21	46.0	14.32
	-3.0	-3.7	59.3	17.52	56.2	16.67	52.7	15.86	50.9	15.15	49.2	14.47	46.0	13.60
	0.0	-0.7	59.3	16.18	56.2	15.33	52.7	14.60	50.9	13.96	49.2	13.35	46.0	12.51
	3.0	2.2	59.3	14.84	56.2	14.00	52.7	13.33	50.9	12.78	49.2	12.23	46.0	11.43
	5.0	4.1	58.1	12.62	55.1	11.86	51.6	11.29	49.9	10.84	48.1	10.38	45.1	9.68
	7.0	6	56.7	11.61	53.7	10.88	50.3	10.37	48.6	9.97	46.9	9.56	43.9	8.89
	9.0	7.9	54.6	9.83	51.7	9.20	48.5	8.77	46.9	8.43	45.2	8.09	42.3	7.52
	11.0	9.8	51.6	8.60	48.8	8.05	45.8	7.67	44.3	7.38	42.7	7.07	40.1	6.58
	13.0	11.8	48.5	7.41	45.9	6.95	43.0	6.61	41.6	6.36	40.2	6.10	37.6	5.68
	15.0	13.7	45.9	6.54	43.4	6.12	40.8	5.78	39.4	5.56	38.0	5.33	35.5	5.00
50	-24.8	-25	49.5	21.43	46.7	22.41	43.9	21.23	42.5	20.12	41.1	19.07	38.3	18.10
	-21.8	-22	49.5	22.41	46.7	21.23	43.9	20.12	42.5	19.07	41.1	18.10	38.3	17.16
	-19.8	-20	49.5	21.58	46.7	20.44	43.9	19.38	42.5	18.37	41.1	17.45	38.3	16.53
	-18.8	-19	49.5	21.18	46.7	20.04	43.9	19.02	42.5	18.02	41.1	17.12	38.3	16.22
	-16.7	-17	49.5	20.31	46.7	19.22	43.9	18.24	42.5	17.29	41.1	16.44	38.3	15.56
	-13.7	-15	49.5	19.07	46.7	18.03	43.9	17.13	42.5	16.24	41.1	15.46	38.3	14.62
	-11.8	-13	49.5	18.29	46.7	17.28	43.9	16.42	42.5	15.58	41.1	14.85	38.3	14.03
	-9.8	-11	49.5	17.46	46.7	16.49	43.9	15.69	42.5	14.88	41.1	14.20	38.3	13.40
	-9.5	-10	49.5	17.34	46.7	16.37	43.9	15.58	42.5	14.78	41.1	14.10	38.3	13.31
	-8.5	-9.1	49.5	16.92	46.7	15.97	43.9	15.21	42.5	14.43	41.1	13.78	38.3	13.00
	-7.0	-7.6	49.5	16.30	46.7	15.39	43.9	14.66	42.5	13.91	41.1	13.29	38.3	12.53
	-5.0	-5.6	49.5	15.47	46.7	14.60	43.9	13.92	42.5	13.20	41.1	12.63	38.3	11.91
	-3.0	-3.7	49.5	14.65	46.7	13.81	43.9	13.18	42.5	12.51	41.1	11.98	38.3	11.28
	0.0	-0.7	49.5	13.41	46.7	12.61	43.9	12.08	42.5	11.46	41.1	11.01	38.3	10.34
	3.0	2.2	49.5	12.18	46.7	11.43	43.9	10.96	42.5	10.41	41.1	10.03	38.3	9.40
	5.0	4.1	48.5	10.27	45.8	9.62	43.0	9.25	41.6	8.79	40.3	8.48	37.5	7.94
	7.0	6	47.3	9.37	44.6	8.77	42.0	8.45	40.6	8.02	39.2	7.78	36.6	7.25
	9.0	7.9	45.5	8.01	43.0	7.50	40.4	7.22	39.1	6.86	37.8	6.65	35.2	6.20
	11.0	9.8	43.3	7.09	40.8	6.63	38.3	6.39	36.9	6.07	35.7	5.88	33.3	5.49
	13.0	11.8	40.4	6.05	38.2	5.66	35.9	5.45	34.7	5.21	33.6	5.02	31.3	4.72
	15.0	13.7	38.3	5.35	36.1	5.01	33.9	4.82	32.9	4.59	31.7	4.44	29.6	4.14

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM300LTE5

Heating Capacity (30HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	61.2	29.05	61.2	29.37	60.8	29.66	60.8	30.09	60.8	30.52	60.0	31.18
	-21.8	-22	72.6	29.71	72.6	30.03	72.1	30.32	72.1	30.75	72.1	31.18	71.2	31.83
	-19.8	-20	75.7	30.14	75.7	30.47	75.2	30.75	75.2	31.20	75.2	31.61	74.2	32.27
	-18.8	-19	77.3	30.36	77.3	30.69	76.8	30.98	76.8	31.41	76.8	31.83	75.8	32.49
	-16.7	-17	80.7	30.83	80.7	31.15	80.1	31.44	80.1	31.87	80.1	32.29	79.0	32.95
	-13.7	-15	85.5	31.48	85.5	31.81	84.9	32.10	84.9	32.53	84.9	32.95	83.8	31.51
	-11.8	-13	88.2	31.90	88.2	32.22	87.7	32.51	87.7	32.95	87.7	31.97	86.7	30.60
	-9.8	-11	91.2	32.33	91.2	32.67	90.6	32.95	90.6	31.89	90.6	30.94	89.6	29.65
	-9.5	-10	91.7	32.41	91.7	32.73	91.2	32.79	91.2	31.72	91.0	30.79	90.1	29.50
	-8.5	-9.1	93.7	32.62	93.7	32.95	93.2	32.23	93.2	31.20	92.5	30.27	91.5	29.02
	-7.0	-7.6	96.7	32.95	96.7	32.11	96.1	31.40	96.1	30.39	96.1	29.49	94.4	28.30
	-5.0	-5.6	100.7	31.84	100.7	31.01	100.0	30.29	100.0	29.33	100.0	28.46	97.4	27.34
	-3.0	-3.7	104.6	30.72	104.6	29.90	103.9	29.18	103.9	28.26	103.9	27.43	100.6	26.39
	0.0	-0.7	110.4	29.05	110.4	28.23	109.8	27.52	109.8	26.67	109.8	25.88	105.0	24.95
	3.0	2.2	116.4	27.38	116.4	26.56	115.6	25.85	115.6	25.07	114.1	24.32	106.7	23.51
	5.0	4.1	117.6	23.89	117.4	23.12	116.8	22.45	115.6	21.76	112.3	21.08	104.5	20.38
	7.0	6	116.7	22.38	116.5	21.67	115.8	21.03	113.4	20.42	109.5	19.81	101.9	19.22
	9.0	7.9	112.6	20.57	112.3	19.90	112.0	19.32	109.2	18.76	105.5	18.20	98.2	17.66
	11.0	9.8	106.5	18.99	106.3	18.39	106.0	17.85	103.3	17.33	99.7	16.82	92.8	16.31
	13.0	11.8	100.0	17.18	99.8	16.62	99.5	16.14	97.0	15.67	93.7	15.21	87.2	14.74
	15.0	13.7	94.6	15.61	94.4	15.10	94.1	14.67	91.8	14.24	88.6	13.82	82.5	13.40
120	-24.8	-25	60.8	29.37	60.8	29.66	60.4	30.09	60.4	30.52	60.4	31.18	59.6	31.64
	-21.8	-22	72.1	30.03	72.1	30.32	71.6	30.75	71.6	31.18	71.6	31.83	70.7	32.29
	-19.8	-20	75.1	30.47	75.1	30.75	74.6	31.20	74.6	31.61	74.6	32.27	73.7	32.73
	-18.8	-19	76.7	30.69	76.7	30.98	76.2	31.41	76.2	31.83	76.2	32.49	75.3	32.95
	-16.7	-17	80.1	31.15	80.1	31.44	79.6	31.87	79.6	32.29	79.6	32.95	78.5	32.03
	-13.7	-15	84.8	31.81	84.8	32.10	84.3	32.53	84.3	32.95	84.3	31.56	83.2	30.71
	-11.8	-13	87.6	32.22	87.6	32.51	87.0	32.95	87.0	31.96	87.0	30.68	86.1	29.87
	-9.8	-11	90.5	32.67	90.5	32.95	90.0	31.85	90.0	30.92	90.0	29.75	89.0	28.99
	-9.5	-10	91.1	32.73	91.1	32.77	90.6	31.69	90.6	30.77	90.6	29.62	89.6	28.86
	-8.5	-9.1	93.1	32.95	93.1	32.18	92.5	31.13	92.5	30.24	92.3	29.16	91.3	28.42
	-7.0	-7.6	96.0	32.06	96.0	31.31	95.4	30.32	95.4	29.47	94.8	28.46	93.7	27.75
	-5.0	-5.6	99.9	30.87	99.9	30.13	99.3	29.22	99.3	28.42	99.3	27.53	96.8	26.87
	-3.0	-3.7	103.9	29.68	103.9	28.96	103.2	28.11	103.2	27.39	103.2	26.61	99.4	25.99
	0.0	-0.7	109.7	27.89	109.7	27.19	109.0	26.47	109.0	25.83	107.8	25.22	100.2	24.67
	3.0	2.2	115.6	26.10	115.6	25.43	113.9	24.83	111.3	24.27	107.8	23.83	100.2	23.35
	5.0	4.1	116.8	22.64	116.0	22.01	112.8	21.49	109.1	21.03	105.7	20.69	98.2	20.28
	7.0	6	115.9	21.11	114.5	20.54	110.0	20.13	106.3	19.75	103.0	19.56	95.7	19.22
	9.0	7.9	111.8	19.36	110.3	18.83	106.0	18.46	102.4	18.10	99.2	17.93	92.2	17.61
	11.0	9.8	105.7	17.85	104.3	17.36	100.2	17.01	96.8	16.69	93.8	16.53	87.2	16.24
	13.0	11.8	99.3	16.09	98.0	15.65	94.1	15.34	91.0	15.05	88.2	14.91	81.8	14.64
	15.0	13.7	94.0	14.58	92.7	14.18	89.0	13.90	86.0	13.64	83.4	13.51	77.5	13.26
110	-24.8	-25	60.4	29.66	60.4	30.09	60.1	30.52	60.1	31.18	60.1	31.64	59.3	31.85
	-21.8	-22	71.8	30.32	71.8	30.75	71.3	31.18	71.3	31.83	71.3	32.29	70.4	32.51
	-19.8	-20	74.7	30.75	74.7	31.20	74.3	31.61	74.3	32.27	74.3	32.73	73.2	32.95
	-18.8	-19	76.3	30.98	76.3	31.41	75.8	31.83	75.8	32.49	75.8	32.95	74.8	32.47
	-16.7	-17	79.6	31.44	79.6	31.87	79.1	32.29	79.1	32.95	79.1	31.96	78.0	31.47
	-13.7	-15	84.4	32.10	84.4	32.53	83.8	32.95	83.8	31.45	83.8	30.55	83.8	30.04
	-11.8	-13	87.2	32.51	87.2	32.95	86.5	31.88	86.5	30.50	86.5	29.66	86.5	29.14
	-9.8	-11	90.0	32.95	90.0	31.75	89.5	30.77	89.5	29.50	89.5	28.72	88.8	28.19
	-9.5	-10	90.6	32.75	90.6	31.56	90.1	30.60	90.1	29.35	90.1	28.58	89.9	28.04
	-8.5	-9.1	92.6	32.10	92.6	30.96	92.0	30.04	92.0	28.84	92.0	28.10	90.2	27.56
	-7.0	-7.6	95.5	31.11	95.5	30.05	94.9	29.20	94.9	28.09	94.9	27.41	90.2	26.85
	-5.0	-5.6	99.4	29.80	99.4	28.84	98.7	28.08	98.7	27.09	96.5	26.46	90.2	25.89
	-3.0	-3.7	103.2	28.49	103.2	27.64	102.5	26.95	100.0	26.09	96.5	25.52	90.2	24.95
	0.0	-0.7	109.1	26.52	108.7	25.83	103.3	25.27	100.0	24.59	96.5	24.12	90.2	23.52
	3.0	2.2	114.5	24.55	110.1	24.01	103.3	23.59	100.0	23.10	96.5	22.70	90.2	22.09
	5.0	4.1	114.2	21.11	107.9	20.68	101.3	20.35	98.0	19.97	94.7	19.65	88.4	19.08
	7.0	6	111.2	19.51	105.2	19.22	98.7	19.00	95.5	18.78	92.2	18.53	86.2	17.96
	9.0	7.9	107.2	17.80	101.3	17.53	95.0	17.34	92.0	17.13	88.8	16.91	83.0	16.39
	11.0	9.8	101.3	16.32	95.8	16.08	89.9	15.89	87.0	15.70	84.0	15.50	78.5	15.02
	13.0	11.8	95.2	14.63	90.0	14.40	84.5	14.24	81.7	14.06	78.9	13.88	73.7	13.46
	15.0	13.7	90.0	13.14	85.1	12.95	79.9	12.80	77.3	12.65	74.7	12.48	69.7	12.09

7. Capacity Tables

Heating Capacity (30HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	60.1	31.87	60.1	32.01	59.8	30.76	59.8	32.36	59.8	32.52	59.0	32.59
	-21.8	-22	71.4	32.09	71.4	32.23	71.0	31.74	71.0	32.58	71.0	33.04	70.0	32.81
	-19.8	-20	74.4	32.23	74.4	32.37	73.9	32.36	73.9	32.72	73.9	32.98	73.0	32.95
	-18.8	-19	76.0	32.30	75.5	32.45	75.5	32.58	75.5	32.79	75.5	32.95	74.5	32.38
	-16.7	-17	78.8	32.45	78.8	32.60	78.8	33.04	78.4	32.95	78.4	31.77	77.3	31.20
	-13.7	-15	84.0	32.67	84.0	32.81	83.5	32.95	83.5	31.23	83.5	30.10	82.4	29.50
	-11.8	-13	86.7	32.81	86.2	32.95	86.2	31.78	86.2	30.13	86.2	29.02	82.4	28.42
	-9.8	-11	89.5	32.95	89.5	31.63	89.2	30.55	89.2	28.99	88.5	27.91	82.4	27.29
	-9.5	-10	90.1	32.74	90.1	31.43	89.7	30.36	89.7	28.81	88.5	27.74	82.4	27.12
	-8.5	-9.1	92.1	32.04	92.1	30.78	91.6	29.75	91.5	28.23	88.5	27.17	82.4	26.56
	-7.0	-7.6	96.5	30.99	96.2	29.78	94.5	28.82	91.5	27.38	88.5	26.34	82.4	25.70
	-5.0	-5.6	100.8	29.60	99.8	28.47	94.5	27.59	91.5	26.23	88.5	25.21	82.4	24.57
	-3.0	-3.7	103.7	28.20	100.5	27.15	94.5	26.36	91.5	25.07	88.5	24.10	82.4	23.44
	0.0	-0.7	106.6	26.12	100.5	25.17	94.5	24.51	91.5	23.35	88.5	22.41	82.4	21.74
	3.0	2.2	106.6	24.02	100.5	23.19	94.5	22.66	91.5	21.63	88.5	20.74	82.4	20.04
	5.0	4.1	104.5	20.57	98.5	19.85	92.6	19.42	89.7	18.53	86.7	17.73	80.8	17.10
	7.0	6	101.8	18.89	96.0	18.29	90.2	17.98	87.3	17.20	84.5	16.46	78.7	15.83
	9.0	7.9	98.0	16.95	92.5	16.41	87.0	16.13	84.2	15.43	81.4	14.76	75.8	14.19
	11.0	9.8	92.7	15.22	87.5	14.74	82.2	14.49	79.6	13.86	77.0	13.26	71.7	12.75
	13.0	11.8	87.1	13.30	82.2	12.88	77.2	12.66	74.7	12.12	72.3	11.58	67.3	11.14
	15.0	13.7	82.4	11.60	77.7	11.23	73.0	11.03	70.7	10.56	68.3	10.11	63.7	9.72
90	-24.8	-25	59.9	28.89	59.9	29.55	59.6	30.01	59.6	30.23	59.6	30.67	58.8	31.33
	-21.8	-22	71.1	29.55	71.1	30.21	70.7	30.67	70.7	30.89	70.7	31.33	69.7	29.89
	-19.8	-20	74.1	29.99	74.1	30.64	73.6	31.10	73.6	31.33	73.6	30.34	72.7	28.94
	-18.8	-19	76.0	30.21	75.5	30.87	75.2	31.33	75.2	30.82	75.2	29.85	74.2	28.47
	-16.7	-17	78.8	30.67	78.8	31.33	78.4	30.26	78.4	29.74	78.4	28.82	75.3	27.47
	-13.7	-15	84.0	31.33	84.0	29.74	83.2	28.75	83.2	28.22	81.1	27.34	75.3	26.03
	-11.8	-13	86.7	30.23	86.2	28.73	85.9	27.79	83.8	27.25	81.1	26.40	75.3	25.13
	-9.8	-11	89.5	29.08	89.5	27.68	86.5	26.78	83.8	26.23	81.1	25.42	75.3	24.18
	-9.5	-10	90.1	28.90	90.1	27.52	86.5	26.63	83.8	26.08	81.1	25.27	75.3	24.04
	-8.5	-9.1	92.1	28.33	91.4	27.00	86.5	26.12	83.8	25.56	81.1	24.78	75.3	23.55
	-7.0	-7.6	96.5	27.46	91.8	26.20	86.5	25.36	83.8	24.80	81.1	24.04	75.3	22.84
	-5.0	-5.6	97.6	26.31	91.8	25.14	86.5	24.36	83.8	23.79	81.1	23.05	75.3	21.89
	-3.0	-3.7	97.6	25.16	91.8	24.09	86.5	23.35	83.8	22.76	81.1	22.06	75.3	20.93
	0.0	-0.7	97.6	23.43	91.8	22.50	86.5	21.83	83.8	21.24	81.1	20.60	75.3	19.50
	3.0	2.2	97.6	21.70	91.8	20.91	86.5	20.32	83.8	19.71	81.1	19.12	75.3	18.08
	5.0	4.1	95.7	18.62	90.0	17.96	84.7	17.44	82.1	16.90	79.5	16.37	73.8	15.45
	7.0	6	93.2	17.26	87.7	16.73	82.5	16.28	80.0	15.73	77.5	15.26	72.0	14.39
	9.0	7.9	89.8	15.49	84.5	15.01	79.5	14.60	77.0	14.11	74.6	13.69	69.3	12.91
	11.0	9.8	85.0	13.77	79.9	13.34	75.2	12.99	72.9	12.55	70.5	12.18	65.5	11.47
	13.0	11.8	79.7	11.79	75.0	11.43	70.7	11.13	68.5	10.74	66.2	10.42	61.5	9.83
	15.0	13.7	75.5	10.17	71.0	9.86	66.8	9.59	64.8	9.27	62.7	8.99	58.2	8.48
80	-24.8	-25	59.6	25.34	59.6	26.00	59.3	26.46	59.3	26.68	59.3	27.78	58.5	26.52
	-21.8	-22	70.4	26.00	70.4	26.66	70.4	27.12	70.4	27.78	70.4	26.52	67.3	25.32
	-19.8	-20	73.3	26.44	73.3	27.09	73.3	27.78	73.3	26.88	72.1	25.68	67.3	24.52
	-18.8	-19	74.9	26.66	74.9	27.78	74.9	27.32	74.4	26.44	72.3	25.26	67.3	24.12
	-16.7	-17	77.3	27.78	77.3	26.82	77.3	26.37	75.0	25.51	72.3	24.38	67.3	23.28
	-13.7	-15	80.8	26.36	79.3	25.46	77.3	25.00	75.0	24.16	72.3	23.12	67.3	22.08
	-11.8	-13	83.3	25.45	80.8	24.59	77.3	24.13	75.0	23.31	72.3	22.32	67.3	21.31
	-9.8	-11	85.5	24.50	81.8	23.68	77.3	23.22	75.0	22.42	72.3	21.48	67.3	20.51
	-9.5	-10	86.0	24.36	82.2	23.54	77.3	23.08	75.0	22.29	72.3	21.35	67.3	20.39
	-8.5	-9.1	86.8	23.89	82.4	23.09	77.3	22.63	75.0	21.84	72.3	20.93	67.3	19.99
	-7.0	-7.6	87.4	23.17	82.4	22.41	77.3	21.94	75.0	21.17	72.3	20.31	67.3	19.39
	-5.0	-5.6	87.4	22.22	82.4	21.50	77.3	21.04	75.0	20.27	72.3	19.46	67.3	18.59
	-3.0	-3.7	87.4	21.27	82.4	20.59	77.3	20.12	75.0	19.39	72.3	18.63	67.3	17.78
	0.0	-0.7	87.4	19.84	82.4	19.23	77.3	18.76	75.0	18.04	72.3	17.36	67.3	16.58
	3.0	2.2	87.4	18.42	82.4	17.86	77.3	17.39	75.0	16.70	72.3	16.10	67.3	15.38
	5.0	4.1	85.7	15.80	80.7	15.32	75.8	14.89	73.5	14.28	70.8	13.78	66.0	13.16
	7.0	6	83.5	14.70	78.7	14.28	73.8	13.86	71.7	13.28	69.0	12.84	64.3	12.26
	9.0	7.9	80.4	12.76	75.8	12.41	71.2	12.11	69.0	11.66	66.5	11.24	61.9	10.71
	11.0	9.8	76.0	10.99	71.7	10.69	67.3	10.44	65.3	10.04	63.0	9.68	58.5	9.22
	13.0	11.8	71.4	9.20	67.3	8.95	63.2	8.74	61.3	8.40	59.1	8.11	55.0	7.72
	15.0	13.7	67.5	7.93	63.7	7.72	59.8	7.53	58.0	7.24	55.9	6.98	52.0	6.65

7. Capacity Tables

Heating Capacity (30HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	59.6	25.66	59.6	25.87	59.3	26.32	59.3	26.98	59.3	25.64	57.5	24.38
	-21.8	-22	66.3	26.32	66.3	26.53	65.8	26.98	63.6	25.64	61.7	24.38	57.5	23.17
	-19.8	-20	70.6	26.76	70.0	26.98	65.8	26.03	63.6	24.74	61.7	23.54	57.5	22.38
	-18.8	-19	72.6	26.98	70.0	26.48	65.8	25.55	63.6	24.29	61.7	23.13	57.5	21.97
	-16.7	-17	74.1	25.95	70.0	25.45	65.8	24.56	63.6	23.35	61.7	22.25	57.5	21.13
	-13.7	-15	74.1	24.49	70.0	23.98	65.8	23.14	63.6	22.00	61.7	21.00	57.5	19.93
	-11.8	-13	74.1	23.55	70.0	23.04	65.8	22.24	63.6	21.15	61.7	20.20	57.5	19.16
	-9.8	-11	74.1	22.59	70.0	22.07	65.8	21.30	63.6	20.26	61.7	19.37	57.5	18.36
	-9.5	-10	74.1	22.43	70.0	21.91	65.8	21.16	63.6	20.13	61.7	19.25	57.5	18.24
	-8.5	-9.1	74.1	21.95	70.0	21.43	65.8	20.68	63.6	19.68	61.7	18.83	57.5	17.84
	-7.0	-7.6	74.1	21.22	70.0	20.69	65.8	19.97	63.6	19.01	61.7	18.21	57.5	17.24
	-5.0	-5.6	74.1	20.24	70.0	19.71	65.8	19.03	63.6	18.11	61.7	17.36	57.5	16.43
	-3.0	-3.7	74.1	19.27	70.0	18.72	65.8	18.08	63.6	17.21	61.7	16.53	57.5	15.63
	0.0	-0.7	74.1	17.80	70.0	17.25	65.8	16.66	63.6	15.87	61.7	15.28	57.5	14.42
	3.0	2.2	74.1	16.34	70.0	15.77	65.8	15.24	63.6	14.53	61.7	14.03	57.5	13.22
	5.0	4.1	74.1	14.20	68.5	13.38	64.5	12.93	62.3	12.32	60.5	11.91	56.4	11.22
	7.0	6	74.2	13.45	66.8	12.28	62.9	11.88	60.7	11.34	59.0	11.00	55.0	10.34
	9.0	7.9	71.5	11.34	64.4	10.36	60.5	10.02	58.5	9.56	56.8	9.27	53.0	8.72
	11.0	9.8	67.6	9.75	60.9	8.91	57.3	8.62	55.3	8.23	53.7	7.98	50.0	7.49
	13.0	11.8	63.5	8.23	57.2	7.53	53.8	7.27	52.0	6.95	50.4	6.74	47.0	6.33
	15.0	13.7	60.0	7.02	54.1	6.41	50.9	6.20	49.2	5.91	47.7	5.74	44.5	5.39
60	-24.8	-25	56.8	25.21	56.8	25.66	56.5	26.32	54.5	24.91	52.7	23.59	49.3	22.36
	-21.8	-22	60.8	25.87	60.2	26.32	56.5	24.91	54.5	23.59	52.7	22.36	49.3	21.17
	-19.8	-20	63.6	26.32	60.2	25.32	56.5	23.97	54.5	22.71	52.7	21.53	49.3	20.38
	-18.8	-19	63.6	25.82	60.2	24.82	56.5	23.50	54.5	22.27	52.7	21.12	49.3	19.98
	-16.7	-17	63.6	24.75	60.2	23.77	56.5	22.52	54.5	21.36	52.7	20.26	49.3	19.15
	-13.7	-15	63.6	23.23	60.2	22.27	56.5	21.11	54.5	20.04	52.7	19.03	49.3	17.96
	-11.8	-13	63.6	22.27	60.2	21.33	56.5	20.21	54.5	19.20	52.7	18.25	49.3	17.22
	-9.8	-11	63.6	21.26	60.2	20.33	56.5	19.28	54.5	18.33	52.7	17.42	49.3	16.42
	-9.5	-10	63.6	21.10	60.2	20.19	56.5	19.14	54.5	18.19	52.7	17.30	49.3	16.30
	-8.5	-9.1	63.6	20.60	60.2	19.69	56.5	18.67	54.5	17.76	52.7	16.88	49.3	15.91
	-7.0	-7.6	63.6	19.84	60.2	18.94	56.5	17.96	54.5	17.10	52.7	16.26	49.3	15.32
	-5.0	-5.6	63.6	18.83	60.2	17.94	56.5	17.03	54.5	16.22	52.7	15.45	49.3	14.52
	-3.0	-3.7	63.6	17.82	60.2	16.94	56.5	16.09	54.5	15.34	52.7	14.62	49.3	13.73
	0.0	-0.7	63.6	16.30	60.2	15.44	56.5	14.68	54.5	14.02	52.7	13.39	49.3	12.54
	3.0	2.2	63.6	14.79	60.2	13.95	56.5	13.27	54.5	12.71	52.7	12.15	49.3	11.35
	5.0	4.1	62.3	12.48	59.0	11.73	55.3	11.16	53.5	10.70	51.6	10.25	48.3	9.56
	7.0	6	60.7	11.35	57.5	10.64	53.9	10.14	52.1	9.75	50.3	9.35	47.0	8.70
	9.0	7.9	58.5	9.48	55.4	8.87	52.0	8.46	50.2	8.13	48.5	7.80	45.3	7.25
	11.0	9.8	55.3	8.15	52.3	7.63	49.1	7.27	47.5	6.99	45.8	6.71	42.9	6.24
	13.0	11.8	52.0	6.88	49.2	6.45	46.1	6.14	44.5	5.91	43.0	5.66	40.3	5.27
	15.0	13.7	49.2	5.91	46.5	5.54	43.7	5.22	42.2	5.02	40.7	4.82	38.1	4.53
50	-24.8	-25	53.0	22.40	50.0	23.06	47.0	21.80	45.5	20.61	44.0	19.50	41.0	18.47
	-21.8	-22	53.0	23.06	50.0	21.80	47.0	20.61	45.5	19.50	44.0	18.47	41.0	17.48
	-19.8	-20	53.0	22.17	50.0	20.95	47.0	19.83	45.5	18.75	44.0	17.78	41.0	16.81
	-18.8	-19	53.0	21.73	50.0	20.52	47.0	19.44	45.5	18.39	44.0	17.44	41.0	16.49
	-16.7	-17	53.0	20.80	50.0	19.65	47.0	18.61	45.5	17.61	44.0	16.71	41.0	15.79
	-13.7	-15	53.0	19.47	50.0	18.37	47.0	17.43	45.5	16.50	44.0	15.67	41.0	14.80
	-11.8	-13	53.0	18.63	50.0	17.57	47.0	16.67	45.5	15.79	44.0	15.02	41.0	14.18
	-9.8	-11	53.0	17.74	50.0	16.73	47.0	15.89	45.5	15.05	44.0	14.33	41.0	13.51
	-9.5	-10	53.0	17.61	50.0	16.61	47.0	15.77	45.5	14.94	44.0	14.23	41.0	13.42
	-8.5	-9.1	53.0	17.16	50.0	16.18	47.0	15.38	45.5	14.57	44.0	13.89	41.0	13.09
	-7.0	-7.6	53.0	16.50	50.0	15.55	47.0	14.79	45.5	14.01	44.0	13.37	41.0	12.59
	-5.0	-5.6	53.0	15.61	50.0	14.71	47.0	14.01	45.5	13.27	44.0	12.68	41.0	11.94
	-3.0	-3.7	53.0	14.72	50.0	13.86	47.0	13.21	45.5	12.53	44.0	11.99	41.0	11.27
	0.0	-0.7	53.0	13.40	50.0	12.59	47.0	12.04	45.5	11.42	44.0	10.95	41.0	10.28
	3.0	2.2	53.0	12.07	50.0	11.33	47.0	10.85	45.5	10.30	44.0	9.92	41.0	9.29
	5.0	4.1	52.0	10.13	49.0	9.48	46.1	9.11	44.6	8.65	43.2	8.35	40.2	7.81
	7.0	6	50.7	9.17	47.8	8.58	44.9	8.26	43.5	7.85	42.0	7.61	39.2	7.09
	9.0	7.9	48.8	7.72	46.0	7.23	43.3	6.96	41.9	6.62	40.5	6.42	37.7	5.98
	11.0	9.8	46.4	6.72	43.8	6.29	41.1	6.06	39.6	5.75	38.3	5.58	35.7	5.20
	13.0	11.8	43.3	5.61	40.9	5.25	38.5	5.06	37.2	4.83	36.0	4.66	33.5	4.38
	15.0	13.7	41.0	4.84	38.7	4.53	36.3	4.36	35.2	4.15	34.0	4.01	31.7	3.74

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM320LTE5

Heating Capacity (32HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	63.4	32.65	63.4	32.93	63.0	33.18	63.0	33.55	63.0	33.92	62.2	34.48
	-21.8	-22	76.4	33.22	76.4	33.50	75.9	33.75	75.9	34.12	75.9	34.48	74.9	35.04
	-19.8	-20	80.3	33.59	80.3	33.88	79.7	34.12	79.7	34.50	79.7	34.85	78.7	35.42
	-18.8	-19	82.0	33.78	82.0	34.06	81.5	34.31	81.5	34.68	81.5	35.04	80.4	35.60
	-16.7	-17	85.8	34.18	85.8	34.46	85.3	34.71	85.3	35.08	85.3	35.43	84.1	36.00
	-13.7	-15	91.2	34.75	91.2	35.02	90.7	35.27	90.7	35.64	90.7	36.00	89.4	34.55
	-11.8	-13	94.2	35.10	94.2	35.38	93.6	35.63	93.6	36.00	93.6	35.02	92.7	33.63
	-9.8	-11	97.3	35.47	97.3	35.76	96.7	36.00	96.7	34.95	96.7	33.99	95.9	32.67
	-9.5	-10	97.9	35.54	97.9	35.81	97.3	35.84	97.3	34.79	97.2	33.83	96.4	32.52
	-8.5	-9.1	100.0	35.72	100.0	36.00	99.4	35.29	99.4	34.26	98.7	33.31	98.1	32.03
	-7.0	-7.6	103.2	36.00	103.2	35.19	102.5	34.48	102.5	33.46	102.5	32.54	101.2	31.31
	-5.0	-5.6	107.3	34.94	107.3	34.12	106.6	33.39	106.6	32.41	106.6	31.51	104.6	30.34
	-3.0	-3.7	111.5	33.88	111.5	33.04	110.8	32.30	110.8	31.35	110.8	30.47	108.1	29.37
	0.0	-0.7	117.6	32.29	117.6	31.43	117.0	30.66	117.0	29.77	117.0	28.92	113.1	27.92
	3.0	2.2	123.9	30.70	123.9	29.81	123.1	29.03	123.1	28.18	121.6	27.36	113.8	26.47
	5.0	4.1	125.2	26.94	125.0	26.08	124.3	25.34	123.1	24.56	119.8	23.82	111.5	23.04
	7.0	6	124.3	25.43	124.1	24.61	123.4	23.90	121.0	23.20	116.8	22.51	108.7	21.84
	9.0	7.9	120.1	23.54	119.8	22.78	119.5	22.12	116.5	21.47	112.5	20.84	104.7	20.22
	11.0	9.8	113.6	21.94	113.3	21.24	113.0	20.61	110.2	20.01	106.4	19.42	99.0	18.84
	13.0	11.8	106.7	20.04	106.4	19.39	106.1	18.83	103.5	18.28	99.9	17.74	93.0	17.20
	15.0	13.7	100.9	18.43	100.7	17.83	100.3	17.32	97.9	16.81	94.5	16.32	88.0	15.82
120	-24.8	-25	63.0	32.93	63.0	33.18	62.5	33.55	62.5	33.92	62.5	34.48	61.7	34.88
	-21.8	-22	75.9	33.50	75.9	33.75	75.4	34.12	75.4	34.48	75.4	35.04	74.4	35.43
	-19.8	-20	79.7	33.88	79.7	34.12	79.2	34.50	79.2	34.85	79.2	35.42	78.1	35.81
	-18.8	-19	81.5	34.06	81.5	34.31	81.0	34.68	81.0	35.04	81.0	35.60	79.9	36.00
	-16.7	-17	85.3	34.46	85.3	34.71	84.7	35.08	84.7	35.43	84.7	36.00	83.5	35.07
	-13.7	-15	90.5	35.02	90.5	35.27	90.0	35.64	90.0	36.00	90.0	34.60	88.8	33.74
	-11.8	-13	93.5	35.38	93.5	35.63	92.9	36.00	92.9	35.01	92.9	33.72	92.0	32.89
	-9.8	-11	96.6	35.76	96.6	36.00	96.0	34.91	96.0	33.97	96.0	32.79	95.3	32.00
	-9.5	-10	97.3	35.81	97.3	35.83	96.7	34.75	96.7	33.81	96.7	32.65	95.9	31.87
	-8.5	-9.1	99.3	36.00	99.3	35.24	98.7	34.19	98.7	33.29	98.7	32.19	97.8	31.42
	-7.0	-7.6	102.4	35.13	102.4	34.37	101.8	33.38	101.8	32.51	101.6	31.49	100.4	30.75
	-5.0	-5.6	106.6	33.96	106.6	33.21	105.8	32.28	105.8	31.46	105.8	30.56	104.0	29.86
	-3.0	-3.7	110.7	32.79	110.7	32.05	110.0	31.18	110.0	30.42	110.0	29.63	106.9	28.97
	0.0	-0.7	116.8	31.04	116.8	30.30	116.1	29.54	116.1	28.86	114.9	28.23	106.9	27.64
	3.0	2.2	123.1	29.28	123.1	28.55	121.4	27.90	118.7	27.30	115.0	26.84	106.9	26.31
	5.0	4.1	124.4	25.53	123.5	24.84	120.3	24.27	116.3	23.75	112.8	23.39	104.8	22.93
	7.0	6	123.5	23.98	122.1	23.34	117.3	22.87	113.4	22.44	109.9	22.23	102.1	21.83
	9.0	7.9	119.2	22.15	117.6	21.55	113.0	21.13	109.3	20.72	105.9	20.52	98.3	20.15
	11.0	9.8	112.8	20.59	111.2	20.02	106.9	19.63	103.3	19.25	100.1	19.08	93.0	18.73
	13.0	11.8	105.9	18.74	104.5	18.23	100.3	17.87	97.0	17.53	94.1	17.37	87.3	17.06
	15.0	13.7	100.2	17.17	98.9	16.70	94.9	16.38	91.8	16.07	89.0	15.92	82.6	15.63
110	-24.8	-25	62.6	33.18	62.6	33.55	62.2	33.92	62.2	34.48	62.2	34.88	61.4	35.06
	-21.8	-22	75.5	33.75	75.5	34.12	75.0	34.48	75.0	35.04	75.0	35.43	74.0	35.63
	-19.8	-20	79.2	34.12	79.2	34.50	78.8	34.85	78.8	35.42	78.8	35.81	77.6	36.00
	-18.8	-19	81.0	34.31	81.0	34.68	80.5	35.04	80.5	35.60	80.5	36.00	79.4	35.51
	-16.7	-17	84.8	34.71	84.8	35.08	84.2	35.43	84.2	36.00	84.2	35.00	83.0	34.49
	-13.7	-15	90.1	35.27	90.1	35.64	89.4	36.00	89.4	34.48	89.4	33.56	89.4	33.02
	-11.8	-13	93.0	35.63	93.0	36.00	92.4	34.92	92.4	33.52	92.4	32.65	92.4	32.10
	-9.8	-11	96.1	36.00	96.1	34.79	95.5	33.79	95.5	32.50	95.5	31.70	95.1	31.12
	-9.5	-10	96.7	35.80	96.7	34.59	96.2	33.62	96.2	32.35	96.2	31.56	95.9	30.97
	-8.5	-9.1	98.8	35.15	98.8	33.99	98.1	33.06	98.1	31.83	98.1	31.07	96.2	30.49
	-7.0	-7.6	101.9	34.15	101.9	33.07	101.3	32.20	101.3	31.07	101.3	30.36	96.2	29.76
	-5.0	-5.6	106.0	32.83	106.0	31.85	105.3	31.07	105.3	30.06	103.0	29.40	96.2	28.78
	-3.0	-3.7	110.0	31.52	110.0	30.64	109.2	29.93	106.6	29.04	103.0	28.44	96.2	27.81
	0.0	-0.7	116.2	29.53	115.8	28.81	110.2	28.23	106.6	27.51	103.0	27.01	96.2	26.34
	3.0	2.2	121.9	27.55	117.4	26.97	110.2	26.52	106.6	26.00	103.0	25.57	96.2	24.88
	5.0	4.1	121.8	23.81	115.1	23.34	108.0	22.98	104.5	22.57	101.0	22.21	94.3	21.57
	7.0	6	118.7	22.17	112.2	21.84	105.3	21.59	101.8	21.33	98.4	21.06	91.9	20.40
	9.0	7.9	114.3	20.37	108.0	20.06	101.4	19.83	98.1	19.60	94.7	19.35	88.5	18.75
	11.0	9.8	108.1	18.82	102.2	18.54	95.9	18.33	92.8	18.11	89.6	17.88	83.7	17.32
	13.0	11.8	101.5	17.03	96.0	16.77	90.1	16.57	87.1	16.37	84.2	16.16	78.6	15.67
	15.0	13.7	96.0	15.47	90.7	15.24	85.3	15.07	82.4	14.89	79.7	14.69	74.4	14.24

7. Capacity Tables

Heating Capacity (32HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	62.3	36.69	62.3	36.60	62.0	34.28	62.0	36.37	62.0	36.28	61.1	36.23
	-21.8	-22	75.1	36.56	75.1	36.46	74.7	35.36	74.7	36.24	74.7	36.63	73.6	36.10
	-19.8	-20	78.9	36.46	78.9	36.36	78.4	36.04	78.4	36.14	78.4	36.21	77.3	36.00
	-18.8	-19	80.7	36.41	80.2	36.33	80.2	36.24	80.2	36.09	80.2	36.00	79.1	35.41
	-16.7	-17	83.9	36.32	83.9	36.23	83.9	36.63	83.4	36.00	83.4	34.78	82.2	34.18
	-13.7	-15	89.6	36.18	89.6	36.09	89.1	36.00	89.1	34.23	89.1	33.04	87.9	32.41
	-11.8	-13	92.5	36.10	92.0	36.00	92.0	34.81	92.0	33.10	92.0	31.93	87.9	31.28
	-9.8	-11	95.6	36.00	95.6	34.66	95.2	33.55	95.2	31.92	94.4	30.77	87.9	30.10
	-9.5	-10	96.2	35.79	96.2	34.45	95.7	33.35	95.7	31.74	94.4	30.60	87.9	29.93
	-8.5	-9.1	98.3	35.08	98.3	33.79	97.8	32.73	97.6	31.14	94.4	30.01	87.9	29.34
	-7.0	-7.6	103.0	34.02	102.6	32.77	100.8	31.77	97.6	30.25	94.4	29.14	87.9	28.45
	-5.0	-5.6	107.5	32.60	106.4	31.43	100.8	30.51	97.6	29.07	94.4	27.98	87.9	27.28
	-3.0	-3.7	110.6	31.19	107.2	30.09	100.8	29.26	97.6	27.88	94.4	26.82	87.9	26.10
	0.0	-0.7	113.7	29.07	107.2	28.07	100.8	27.36	97.6	26.11	94.4	25.07	87.9	24.33
	3.0	2.2	113.7	26.94	107.2	26.05	100.8	25.47	97.6	24.33	94.4	23.34	87.9	22.56
	5.0	4.1	111.4	23.19	105.1	22.40	98.7	21.93	95.7	20.93	92.5	20.04	86.1	19.32
	7.0	6	108.6	21.46	102.4	20.79	96.3	20.42	93.1	19.54	90.1	18.70	84.0	17.98
	9.0	7.9	104.6	19.58	98.7	18.96	92.8	18.63	89.8	17.82	86.9	17.05	80.8	16.39
	11.0	9.8	98.9	17.93	93.3	17.36	87.7	17.07	84.9	16.32	82.1	15.62	76.5	15.02
	13.0	11.8	92.9	16.05	87.7	15.55	82.4	15.28	79.7	14.62	77.1	13.98	71.8	13.44
	15.0	13.7	87.9	14.42	82.9	13.96	77.9	13.72	75.4	13.13	72.9	12.56	68.0	12.08
90	-24.8	-25	62.1	32.64	62.1	33.20	61.7	33.60	61.7	33.78	61.7	34.17	60.9	34.73
	-21.8	-22	74.8	33.20	74.8	33.77	74.4	34.17	74.4	34.35	74.4	34.73	73.3	33.18
	-19.8	-20	78.6	33.59	78.6	34.14	78.1	34.54	78.1	34.73	78.1	33.67	77.1	32.16
	-18.8	-19	80.7	33.77	80.2	34.34	79.9	34.73	79.9	34.18	79.9	33.14	78.8	31.64
	-16.7	-17	83.9	34.17	83.9	34.73	83.5	33.59	83.5	33.03	83.5	32.03	80.3	30.56
	-13.7	-15	89.6	34.73	89.6	33.03	88.8	31.97	88.8	31.40	86.5	30.44	80.3	29.02
	-11.8	-13	92.5	33.56	92.0	31.96	91.7	30.94	89.4	30.36	86.5	29.43	80.3	28.04
	-9.8	-11	95.6	32.34	95.6	30.84	92.2	29.87	89.4	29.26	86.5	28.38	80.3	27.01
	-9.5	-10	96.2	32.15	96.2	30.66	92.2	29.70	89.4	29.09	86.5	28.22	80.3	26.86
	-8.5	-9.1	98.3	31.54	97.5	30.11	92.2	29.16	89.4	28.55	86.5	27.69	80.3	26.34
	-7.0	-7.6	103.0	30.62	97.9	29.26	92.2	28.35	89.4	27.73	86.5	26.89	80.3	25.57
	-5.0	-5.6	104.1	29.39	97.9	28.13	92.2	27.27	89.4	26.64	86.5	25.83	80.3	24.55
	-3.0	-3.7	104.1	28.17	97.9	27.00	92.2	26.19	89.4	25.54	86.5	24.77	80.3	23.51
	0.0	-0.7	104.1	26.33	97.9	25.30	92.2	24.57	89.4	23.90	86.5	23.19	80.3	21.97
	3.0	2.2	104.1	24.49	97.9	23.62	92.2	22.95	89.4	22.27	86.5	21.60	80.3	20.43
	5.0	4.1	102.1	21.07	96.0	20.34	90.4	19.75	87.5	19.13	84.8	18.54	78.7	17.50
	7.0	6	99.4	19.61	93.6	19.01	88.0	18.50	85.3	17.87	82.6	17.34	76.8	16.34
	9.0	7.9	95.8	17.89	90.1	17.34	84.8	16.87	82.2	16.30	79.5	15.81	73.9	14.91
	11.0	9.8	90.6	16.23	85.3	15.72	80.2	15.30	77.8	14.78	75.2	14.34	69.9	13.52
	13.0	11.8	85.1	14.23	80.0	13.79	75.4	13.43	73.0	12.96	70.7	12.58	65.6	11.86
	15.0	13.7	80.5	12.64	75.7	12.26	71.3	11.93	69.1	11.52	66.9	11.18	62.1	10.54
80	-24.8	-25	61.8	28.70	61.8	29.27	61.5	29.67	61.5	29.85	61.5	30.80	60.6	29.44
	-21.8	-22	74.0	29.27	74.0	29.84	74.0	30.23	74.0	30.80	74.0	29.44	71.8	28.14
	-19.8	-20	77.8	29.65	77.8	30.21	77.8	30.80	77.8	29.83	76.9	28.53	71.8	27.27
	-18.8	-19	79.6	29.84	79.6	30.80	79.6	30.30	79.4	29.35	77.1	28.08	71.8	26.84
	-16.7	-17	82.5	30.80	82.5	29.77	82.5	29.28	80.0	28.35	77.1	27.13	71.8	25.93
	-13.7	-15	86.2	29.28	84.6	28.31	82.5	27.81	80.0	26.90	77.1	25.77	71.8	24.63
	-11.8	-13	88.5	28.31	85.9	27.38	82.5	26.88	80.0	25.99	77.1	24.91	71.8	23.80
	-9.8	-11	90.9	27.29	87.1	26.41	82.5	25.90	80.0	25.03	77.1	24.01	71.8	22.94
	-9.5	-10	91.5	27.14	87.5	26.26	82.5	25.75	80.0	24.89	77.1	23.87	71.8	22.80
	-8.5	-9.1	92.4	26.64	87.9	25.78	82.5	25.27	80.0	24.40	77.1	23.41	71.8	22.38
	-7.0	-7.6	93.3	25.88	87.9	25.04	82.5	24.53	80.0	23.68	77.1	22.74	71.8	21.72
	-5.0	-5.6	93.3	24.86	87.9	24.08	82.5	23.56	80.0	22.72	77.1	21.82	71.8	20.86
	-3.0	-3.7	93.3	23.84	87.9	23.10	82.5	22.58	80.0	21.76	77.1	20.92	71.8	19.98
	0.0	-0.7	93.3	22.32	87.9	21.64	82.5	21.11	80.0	20.32	77.1	19.56	71.8	18.68
	3.0	2.2	93.3	20.80	87.9	20.17	82.5	19.64	80.0	18.87	77.1	18.20	71.8	17.39
	5.0	4.1	91.4	17.89	86.1	17.35	80.8	16.86	78.4	16.17	75.5	15.61	70.4	14.91
	7.0	6	89.0	16.70	83.9	16.22	78.7	15.75	76.5	15.09	73.6	14.59	68.5	13.93
	9.0	7.9	85.8	14.80	80.8	14.38	75.9	14.03	73.6	13.50	71.0	13.02	66.1	12.40
	11.0	9.8	81.1	13.00	76.5	12.64	71.8	12.34	69.6	11.86	67.1	11.44	62.4	10.89
	13.0	11.8	76.2	11.15	71.8	10.84	67.4	10.58	65.4	10.17	63.0	9.81	58.7	9.34
	15.0	13.7	72.0	9.90	68.0	9.63	63.8	9.39	61.9	9.03	59.7	8.70	55.5	8.29

7. Capacity Tables

Heating Capacity (32HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	61.8	28.79	61.8	28.98	61.5	29.36	61.5	29.92	61.5	28.47	60.5	27.10
	-21.8	-22	70.7	29.36	70.7	29.54	70.2	29.92	67.8	28.47	65.8	27.10	61.4	25.79
	-19.8	-20	76.6	29.74	74.7	29.92	70.2	28.90	67.8	27.50	65.8	26.20	61.4	24.92
	-18.8	-19	78.8	29.92	74.7	29.39	70.2	28.38	67.8	27.00	65.8	25.74	61.4	24.48
	-16.7	-17	79.0	28.82	74.7	28.27	70.2	27.31	67.8	25.99	65.8	24.79	61.4	23.56
	-13.7	-15	79.0	27.24	74.7	26.68	70.2	25.77	67.8	24.53	65.8	23.43	61.4	22.25
	-11.8	-13	79.0	26.23	74.7	25.67	70.2	24.80	67.8	23.60	65.8	22.56	61.4	21.42
	-9.8	-11	79.0	25.19	74.7	24.61	70.2	23.77	67.8	22.63	65.8	21.66	61.4	20.54
	-9.5	-10	79.0	25.02	74.7	24.45	70.2	23.62	67.8	22.49	65.8	21.53	61.4	20.41
	-8.5	-9.1	79.0	24.50	74.7	23.92	70.2	23.11	67.8	22.00	65.8	21.07	61.4	19.98
	-7.0	-7.6	79.0	23.71	74.7	23.13	70.2	22.34	67.8	21.28	65.8	20.39	61.4	19.32
	-5.0	-5.6	79.0	22.66	74.7	22.06	70.2	21.31	67.8	20.30	65.8	19.48	61.4	18.45
	-3.0	-3.7	79.0	21.61	74.7	21.00	70.2	20.29	67.8	19.33	65.8	18.57	61.4	17.57
	0.0	-0.7	79.0	20.03	74.7	19.41	70.2	18.75	67.8	17.88	65.8	17.21	61.4	16.26
	3.0	2.2	79.0	18.45	74.7	17.81	70.2	17.21	67.8	16.42	65.8	15.86	61.4	14.94
	5.0	4.1	79.0	16.08	73.1	15.15	68.8	14.63	66.4	13.95	64.5	13.50	60.2	12.72
	7.0	6	79.2	15.28	71.3	13.96	67.1	13.50	64.8	12.89	62.9	12.50	58.7	11.75
	9.0	7.9	76.3	13.10	68.7	11.97	64.6	11.57	62.4	11.04	60.5	10.71	56.5	10.07
	11.0	9.8	72.1	11.49	65.0	10.50	61.1	10.15	59.0	9.69	57.3	9.40	53.4	8.83
	13.0	11.8	67.7	9.94	61.0	9.09	57.4	8.78	55.4	8.38	53.8	8.14	50.2	7.64
	15.0	13.7	64.0	8.72	57.7	7.97	54.3	7.71	52.5	7.35	50.9	7.13	47.5	6.71
60	-24.8	-25	60.6	28.34	60.6	28.72	60.2	29.29	58.2	27.75	56.2	26.30	52.6	24.95
	-21.8	-22	64.9	28.91	64.2	29.29	60.2	27.75	58.2	26.30	56.2	24.95	52.6	23.64
	-19.8	-20	67.8	29.29	64.2	28.20	60.2	26.72	58.2	25.34	56.2	24.04	52.6	22.77
	-18.8	-19	67.8	28.74	64.2	27.66	60.2	26.21	58.2	24.86	56.2	23.59	52.6	22.33
	-16.7	-17	67.8	27.58	64.2	26.50	60.2	25.13	58.2	23.85	56.2	22.65	52.6	21.42
	-13.7	-15	67.8	25.92	64.2	24.87	60.2	23.58	58.2	22.41	56.2	21.29	52.6	20.11
	-11.8	-13	67.8	24.88	64.2	23.83	60.2	22.60	58.2	21.49	56.2	20.43	52.6	19.29
	-9.8	-11	67.8	23.77	64.2	22.74	60.2	21.58	58.2	20.53	56.2	19.53	52.6	18.41
	-9.5	-10	67.8	23.60	64.2	22.58	60.2	21.43	58.2	20.38	56.2	19.39	52.6	18.28
	-8.5	-9.1	67.8	23.05	64.2	22.04	60.2	20.91	58.2	19.91	56.2	18.94	52.6	17.85
	-7.0	-7.6	67.8	22.23	64.2	21.22	60.2	20.14	58.2	19.18	56.2	18.26	52.6	17.20
	-5.0	-5.6	67.8	21.12	64.2	20.13	60.2	19.12	58.2	18.22	56.2	17.36	52.6	16.32
	-3.0	-3.7	67.8	20.02	64.2	19.04	60.2	18.09	58.2	17.26	56.2	16.45	52.6	15.45
	0.0	-0.7	67.8	18.36	64.2	17.39	60.2	16.55	58.2	15.81	56.2	15.10	52.6	14.15
	3.0	2.2	67.8	16.71	64.2	15.76	60.2	15.00	58.2	14.37	56.2	13.74	52.6	12.84
	5.0	4.1	66.4	14.13	62.9	13.28	59.0	12.64	57.0	12.13	55.0	11.61	51.5	10.83
	7.0	6	64.8	12.90	61.3	12.09	57.5	11.53	55.5	11.08	53.6	10.62	50.2	9.88
	9.0	7.9	62.4	10.95	59.1	10.25	55.4	9.77	53.6	9.39	51.7	9.01	48.3	8.38
	11.0	9.8	59.0	9.60	55.8	8.99	52.3	8.57	50.6	8.24	48.9	7.90	45.8	7.35
	13.0	11.8	55.4	8.30	52.5	7.78	49.1	7.41	47.5	7.13	45.9	6.83	42.9	6.36
	15.0	13.7	52.5	7.35	49.6	6.89	46.6	6.50	45.0	6.25	43.4	5.99	40.6	5.63
50	-24.8	-25	56.6	25.00	53.4	25.56	50.2	24.19	48.6	22.90	46.9	21.69	43.7	20.56
	-21.8	-22	56.6	25.56	53.4	24.19	50.2	22.90	48.6	21.69	46.9	20.56	43.7	19.47
	-19.8	-20	56.6	24.60	53.4	23.27	50.2	22.04	48.6	20.87	46.9	19.80	43.7	18.74
	-18.8	-19	56.6	24.12	53.4	22.80	50.2	21.62	48.6	20.47	46.9	19.43	43.7	18.39
	-16.7	-17	56.6	23.11	53.4	21.85	50.2	20.72	48.6	19.61	46.9	18.63	43.7	17.63
	-13.7	-15	56.6	21.67	53.4	20.46	50.2	19.42	48.6	18.40	46.9	17.50	43.7	16.54
	-11.8	-13	56.6	20.75	53.4	19.59	50.2	18.61	48.6	17.63	46.9	16.79	43.7	15.86
	-9.8	-11	56.6	19.79	53.4	18.67	50.2	17.75	48.6	16.82	46.9	16.03	43.7	15.13
	-9.5	-10	56.6	19.64	53.4	18.54	50.2	17.62	48.6	16.70	46.9	15.93	43.7	15.02
	-8.5	-9.1	56.6	19.16	53.4	18.07	50.2	17.20	48.6	16.30	46.9	15.55	43.7	14.66
	-7.0	-7.6	56.6	18.43	53.4	17.39	50.2	16.55	48.6	15.69	46.9	14.98	43.7	14.12
	-5.0	-5.6	56.6	17.47	53.4	16.47	50.2	15.70	48.6	14.88	46.9	14.23	43.7	13.40
	-3.0	-3.7	56.6	16.51	53.4	15.55	50.2	14.83	48.6	14.07	46.9	13.47	43.7	12.67
	0.0	-0.7	56.6	15.07	53.4	14.16	50.2	13.55	48.6	12.86	46.9	12.34	43.7	11.59
	3.0	2.2	56.6	13.62	53.4	12.79	50.2	12.26	48.6	11.64	46.9	11.21	43.7	10.50
	5.0	4.1	55.5	11.46	52.3	10.74	49.1	10.32	47.5	9.80	46.1	9.46	42.9	8.85
	7.0	6	54.1	10.41	51.0	9.75	47.9	9.39	46.4	8.92	44.8	8.64	41.8	8.06
	9.0	7.9	52.0	8.92	49.1	8.35	46.1	8.04	44.7	7.64	43.2	7.41	40.3	6.91
	11.0	9.8	49.5	7.92	46.7	7.41	43.8	7.14	42.2	6.78	40.8	6.57	38.1	6.13
	13.0	11.8	46.2	6.77	43.7	6.34	41.0	6.10	39.7	5.83	38.4	5.62	35.7	5.28
	15.0	13.7	43.7	6.02	41.3	5.63	38.7	5.42	37.6	5.16	36.3	4.99	33.8	4.65

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM340LTE5

Heating Capacity (34HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	66.8	34.29	66.8	34.49	66.4	34.67	66.4	34.94	66.4	35.20	65.1	35.60
	-21.8	-22	81.3	34.70	81.3	34.90	80.7	35.08	80.7	35.35	80.7	35.60	79.2	36.01
	-19.8	-20	85.8	34.97	85.8	35.17	85.2	35.35	85.2	35.62	85.2	35.87	83.6	36.28
	-18.8	-19	87.6	35.10	87.6	35.30	87.1	35.48	87.1	35.75	87.1	36.01	85.4	36.41
	-16.7	-17	91.7	35.39	91.7	35.59	91.1	35.77	91.1	36.04	91.1	36.29	89.4	36.70
	-13.7	-15	97.4	35.80	97.4	35.99	96.9	36.17	96.9	36.44	96.9	36.70	95.0	35.36
	-11.8	-13	100.6	36.05	100.6	36.25	100.0	36.43	100.0	36.70	100.0	35.80	98.5	34.51
	-9.8	-11	103.9	36.32	103.9	36.52	103.3	36.70	103.3	35.75	103.3	34.86	102.2	33.62
	-9.5	-10	104.6	36.37	104.6	36.56	103.9	36.55	103.9	35.61	103.9	34.71	102.8	33.48
	-8.5	-9.1	106.6	36.50	106.6	36.70	105.9	36.07	105.9	35.12	105.4	34.24	104.7	33.03
	-7.0	-7.6	109.6	36.70	109.6	36.00	108.9	35.34	108.9	34.40	108.9	33.53	107.5	32.36
	-5.0	-5.6	113.6	35.79	113.6	35.05	112.9	34.38	112.9	33.46	112.9	32.59	111.2	31.47
	-3.0	-3.7	117.6	34.90	117.6	34.11	116.9	33.41	116.9	32.50	116.9	31.64	114.9	30.57
	0.0	-0.7	123.6	33.55	123.6	32.71	122.9	31.95	122.9	31.07	122.9	30.22	120.2	29.23
	3.0	2.2	129.7	32.20	129.7	31.30	128.8	30.50	128.8	29.63	128.8	28.80	120.9	27.88
	5.0	4.1	131.2	28.43	131.0	27.53	130.2	26.76	130.2	25.95	127.3	25.18	118.5	24.37
	7.0	6	131.7	27.05	131.5	26.17	130.7	25.42	128.5	24.68	124.1	23.94	115.4	23.23
	9.0	7.9	127.6	25.23	127.3	24.42	127.0	23.72	123.8	23.02	119.5	22.34	111.2	21.67
	11.0	9.8	120.7	23.74	120.4	22.97	120.0	22.30	117.1	21.65	113.0	21.00	105.2	20.38
	13.0	11.8	113.4	21.90	113.1	21.19	112.7	20.57	110.0	19.98	106.1	19.38	98.8	18.80
	15.0	13.7	107.2	20.37	107.0	19.71	106.6	19.15	104.0	18.59	100.4	18.04	93.5	17.49
120	-24.8	-25	66.3	34.49	66.3	34.67	65.9	34.94	65.9	35.20	65.9	35.60	64.6	35.89
	-21.8	-22	80.7	34.90	80.7	35.08	80.2	35.35	80.2	35.60	80.2	36.01	78.7	36.29
	-19.8	-20	85.1	35.17	85.1	35.35	84.6	35.62	84.6	35.87	84.6	36.28	82.9	36.56
	-18.8	-19	87.1	35.30	87.1	35.48	86.5	35.75	86.5	36.01	86.5	36.41	84.8	36.70
	-16.7	-17	91.1	35.59	91.1	35.77	90.5	36.04	90.5	36.29	90.5	36.70	88.7	35.83
	-13.7	-15	96.7	35.99	96.7	36.17	96.2	36.44	96.2	36.70	96.2	35.41	94.3	34.60
	-11.8	-13	99.9	36.25	99.9	36.43	99.3	36.70	99.3	35.79	99.3	34.60	97.8	33.82
	-9.8	-11	103.2	36.52	103.2	36.70	102.5	35.71	102.5	34.84	102.5	33.75	101.5	33.00
	-9.5	-10	103.9	36.56	103.9	36.55	103.2	35.56	103.2	34.69	103.2	33.62	102.1	32.88
	-8.5	-9.1	105.8	36.70	105.8	36.02	105.2	35.06	105.2	34.22	105.2	33.19	104.0	32.46
	-7.0	-7.6	108.8	35.93	108.8	35.23	108.1	34.32	108.1	33.50	108.1	32.56	106.7	31.84
	-5.0	-5.6	112.8	34.89	112.8	34.18	112.0	33.31	112.0	32.54	112.0	31.70	110.5	31.02
	-3.0	-3.7	116.8	33.85	116.8	33.14	116.1	32.32	116.1	31.59	116.1	30.84	113.6	30.20
	0.0	-0.7	122.7	32.30	122.7	31.56	122.0	30.83	122.0	30.16	122.0	29.56	113.6	28.97
	3.0	2.2	128.8	30.73	128.8	29.98	127.9	29.33	126.2	28.73	122.2	28.28	113.6	27.73
	5.0	4.1	130.5	26.95	130.0	26.23	127.9	25.65	123.6	25.10	119.8	24.75	111.3	24.27
	7.0	6	131.0	25.51	129.7	24.82	124.6	24.33	120.5	23.86	116.8	23.64	108.5	23.22
	9.0	7.9	126.7	23.73	125.0	23.09	120.0	22.64	116.1	22.20	112.5	21.99	104.4	21.59
	11.0	9.8	119.8	22.24	118.2	21.63	113.6	21.22	109.8	20.80	106.4	20.62	98.8	20.24
	13.0	11.8	112.5	20.44	111.0	19.89	106.6	19.50	103.0	19.13	99.9	18.95	92.8	18.61
	15.0	13.7	106.4	18.94	105.0	18.42	100.8	18.07	97.6	17.72	94.5	17.56	87.7	17.24
110	-24.8	-25	66.0	34.67	66.0	34.94	65.5	35.20	65.5	35.60	65.5	35.89	64.3	36.02
	-21.8	-22	80.2	35.08	80.2	35.35	79.7	35.60	79.7	36.01	79.7	36.29	78.2	36.43
	-19.8	-20	84.7	35.35	84.7	35.62	84.1	35.87	84.1	36.28	84.1	36.56	82.5	36.70
	-18.8	-19	86.6	35.48	86.6	35.75	86.0	36.01	86.0	36.41	86.0	36.70	84.4	36.24
	-16.7	-17	90.6	35.77	90.6	36.04	90.0	36.29	90.0	36.70	90.0	35.76	88.2	35.28
	-13.7	-15	96.2	36.17	96.2	36.44	95.6	36.70	95.6	35.28	95.6	34.42	95.6	33.89
	-11.8	-13	99.3	36.43	99.3	36.70	98.8	35.70	98.8	34.39	98.8	33.57	98.8	33.02
	-9.8	-11	102.7	36.70	102.7	35.58	102.0	34.64	102.0	33.43	102.0	32.68	101.6	32.10
	-9.5	-10	103.2	36.52	103.2	35.40	102.7	34.49	102.7	33.30	102.7	32.54	102.2	31.96
	-8.5	-9.1	105.2	35.91	105.2	34.84	104.6	33.97	104.6	32.82	104.6	32.09	102.2	31.51
	-7.0	-7.6	108.3	34.99	108.3	33.99	107.6	33.17	107.6	32.11	107.6	31.42	102.2	30.82
	-5.0	-5.6	112.2	33.78	112.2	32.86	111.5	32.12	111.5	31.17	109.5	30.53	102.2	29.90
	-3.0	-3.7	116.1	32.57	116.1	31.74	115.4	31.07	113.2	30.22	109.5	29.63	102.2	28.98
	0.0	-0.7	122.1	30.75	122.1	30.04	117.1	29.49	113.2	28.79	109.5	28.29	102.2	27.60
	3.0	2.2	128.0	28.92	124.8	28.35	117.1	27.90	113.2	27.38	109.5	26.95	102.2	26.22
	5.0	4.1	129.3	25.14	122.3	24.65	114.8	24.29	111.0	23.87	107.3	23.50	100.1	22.82
	7.0	6	126.1	23.58	119.2	23.23	111.9	22.96	108.1	22.68	104.5	22.40	97.6	21.70
	9.0	7.9	121.4	21.82	114.8	21.49	107.8	21.25	104.2	20.99	100.7	20.73	94.0	20.08
	11.0	9.8	114.9	20.32	108.6	20.02	101.9	19.80	98.6	19.56	95.2	19.31	88.9	18.71
	13.0	11.8	107.8	18.56	102.0	18.28	95.7	18.07	92.5	17.85	89.4	17.62	83.5	17.09
	15.0	13.7	102.0	17.06	96.4	16.80	90.6	16.62	87.6	16.42	84.6	16.20	79.0	15.70

7. Capacity Tables

Heating Capacity (34HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	65.7	38.02	65.7	37.85	65.3	35.22	65.3	37.41	65.3	37.23	64.0	37.14
	-21.8	-22	79.9	37.76	79.9	37.58	79.4	36.32	79.4	37.15	79.4	37.43	77.9	36.88
	-19.8	-20	84.3	37.58	84.3	37.40	83.8	37.01	83.8	36.97	83.8	36.94	82.1	36.70
	-18.8	-19	86.2	37.49	85.7	37.32	85.7	37.15	85.7	36.88	85.7	36.70	84.0	36.13
	-16.7	-17	89.6	37.31	89.6	37.13	89.6	37.43	89.1	36.70	89.1	35.53	87.4	34.94
	-13.7	-15	95.7	37.04	95.7	36.87	95.2	36.70	95.2	35.01	95.2	33.86	93.4	33.24
	-11.8	-13	98.8	36.88	98.3	36.70	98.3	35.58	98.3	33.94	98.3	32.80	93.4	32.16
	-9.8	-11	102.2	36.70	102.2	35.44	101.6	34.39	101.6	32.82	100.3	31.69	93.4	31.02
	-9.5	-10	102.7	36.50	102.7	35.25	102.2	34.21	102.2	32.65	100.3	31.53	93.4	30.85
	-8.5	-9.1	104.7	35.85	104.7	34.62	104.2	33.62	103.7	32.08	100.3	30.97	93.4	30.28
	-7.0	-7.6	109.5	34.86	109.0	33.67	107.1	32.72	103.7	31.23	100.3	30.13	93.4	29.43
	-5.0	-5.6	114.2	33.54	113.1	32.41	107.1	31.53	103.7	30.11	100.3	29.02	93.4	28.30
	-3.0	-3.7	117.5	32.23	113.9	31.15	107.1	30.35	103.7	28.99	100.3	27.91	93.4	27.17
	0.0	-0.7	120.8	30.25	113.9	29.26	107.1	28.56	103.7	27.30	100.3	26.23	93.4	25.46
	3.0	2.2	120.8	28.27	113.9	27.37	107.1	26.79	103.7	25.61	100.3	24.57	93.4	23.76
	5.0	4.1	118.3	24.47	111.7	23.66	104.9	23.17	101.6	22.13	98.3	21.19	91.5	20.43
	7.0	6	115.4	22.83	108.8	22.11	102.3	21.72	99.0	20.79	95.7	19.89	89.2	19.13
	9.0	7.9	111.2	21.00	104.9	20.34	98.6	19.99	95.4	19.11	92.3	18.29	85.9	17.59
	11.0	9.8	105.1	19.42	99.1	18.81	93.2	18.49	90.2	17.69	87.2	16.92	81.3	16.28
	13.0	11.8	98.7	17.59	93.1	17.05	87.5	16.75	84.7	16.02	81.9	15.33	76.3	14.74
	15.0	13.7	93.4	16.03	88.1	15.52	82.8	15.26	80.1	14.60	77.5	13.96	72.2	13.43
90	-24.8	-25	65.5	33.99	65.5	34.39	65.0	34.68	65.0	34.81	65.0	35.09	63.8	35.49
	-21.8	-22	79.6	34.39	79.6	34.80	79.1	35.09	79.1	35.22	79.1	35.49	77.5	33.98
	-19.8	-20	84.0	34.67	84.0	35.07	83.5	35.36	83.5	35.49	83.5	34.46	81.9	32.99
	-18.8	-19	86.2	34.80	85.7	35.21	85.4	35.49	85.4	34.96	85.4	33.95	83.7	32.48
	-16.7	-17	89.6	35.09	89.6	35.49	89.2	34.40	89.2	33.85	89.2	32.88	85.3	31.42
	-13.7	-15	95.7	35.49	95.7	33.87	94.9	32.84	94.9	32.28	91.9	31.34	85.3	29.93
	-11.8	-13	98.8	34.38	98.3	32.85	97.9	31.86	95.0	31.27	91.9	30.36	85.3	28.97
	-9.8	-11	102.2	33.22	102.2	31.77	98.0	30.83	95.0	30.22	91.9	29.34	85.3	27.96
	-9.5	-10	102.7	33.04	102.7	31.61	98.0	30.66	95.0	30.05	91.9	29.19	85.3	27.81
	-8.5	-9.1	104.7	32.47	103.9	31.07	98.0	30.15	95.0	29.53	91.9	28.67	85.3	27.32
	-7.0	-7.6	109.5	31.59	104.1	30.27	98.0	29.37	95.0	28.74	91.9	27.90	85.3	26.56
	-5.0	-5.6	110.7	30.42	104.1	29.19	98.0	28.33	95.0	27.68	91.9	26.87	85.3	25.56
	-3.0	-3.7	110.7	29.26	104.1	28.10	98.0	27.29	95.0	26.63	91.9	25.85	85.3	24.55
	0.0	-0.7	110.7	27.51	104.1	26.49	98.0	25.74	95.0	25.04	91.9	24.31	85.3	23.05
	3.0	2.2	110.7	25.77	104.1	24.88	98.0	24.18	95.0	23.47	91.9	22.77	85.3	21.54
	5.0	4.1	108.4	22.28	102.0	21.51	96.0	20.90	93.0	20.23	90.1	19.62	83.6	18.52
	7.0	6	105.6	20.86	99.4	20.22	93.5	19.67	90.6	19.01	87.7	18.44	81.6	17.38
	9.0	7.9	101.8	19.19	95.7	18.60	90.1	18.10	87.4	17.48	84.5	16.96	78.5	15.99
	11.0	9.8	96.2	17.58	90.6	17.04	85.2	16.58	82.6	16.01	79.9	15.53	74.3	14.65
	13.0	11.8	90.4	15.60	85.0	15.12	80.1	14.72	77.5	14.21	75.1	13.79	69.7	13.00
	15.0	13.7	85.5	14.06	80.4	13.63	75.8	13.26	73.4	12.80	71.1	12.42	66.0	11.72
80	-24.8	-25	65.2	29.96	65.2	30.37	64.8	30.66	64.8	30.79	64.8	31.47	63.5	30.15
	-21.8	-22	78.7	30.37	78.7	30.78	78.7	31.06	78.7	31.47	78.7	30.15	76.3	28.88
	-19.8	-20	83.1	30.64	83.1	31.05	83.1	31.47	83.1	30.53	81.9	29.26	76.3	28.02
	-18.8	-19	85.0	30.78	85.0	31.47	85.0	31.00	84.8	30.07	81.9	28.83	76.3	27.60
	-16.7	-17	87.7	31.47	87.7	30.49	87.7	30.01	85.0	29.09	81.9	27.90	76.3	26.71
	-13.7	-15	91.6	30.02	89.9	29.08	87.7	28.59	85.0	27.69	81.9	26.58	76.3	25.44
	-11.8	-13	94.0	29.09	91.2	28.19	87.7	27.69	85.0	26.81	81.9	25.73	76.3	24.63
	-9.8	-11	96.5	28.12	92.5	27.26	87.7	26.75	85.0	25.87	81.9	24.86	76.3	23.78
	-9.5	-10	97.2	27.97	93.0	27.11	87.7	26.60	85.0	25.73	81.9	24.72	76.3	23.65
	-8.5	-9.1	98.1	27.49	93.3	26.65	87.7	26.13	85.0	25.26	81.9	24.28	76.3	23.23
	-7.0	-7.6	99.1	26.76	93.3	25.94	87.7	25.42	85.0	24.56	81.9	23.62	76.3	22.59
	-5.0	-5.6	99.1	25.79	93.3	25.01	87.7	24.48	85.0	23.63	81.9	22.73	76.3	21.74
	-3.0	-3.7	99.1	24.82	93.3	24.07	87.7	23.54	85.0	22.69	81.9	21.85	76.3	20.89
	0.0	-0.7	99.1	23.36	93.3	22.66	87.7	22.12	85.0	21.30	81.9	20.52	76.3	19.62
	3.0	2.2	99.1	21.91	93.3	21.26	87.7	20.70	85.0	19.90	81.9	19.20	76.3	18.35
	5.0	4.1	97.1	18.92	91.5	18.36	85.9	17.84	83.3	17.11	80.3	16.53	74.8	15.78
	7.0	6	94.6	17.76	89.1	17.25	83.7	16.75	81.2	16.05	78.2	15.52	72.8	14.82
	9.0	7.9	91.1	15.91	85.9	15.45	80.6	15.07	78.2	14.49	75.4	13.98	70.2	13.31
	11.0	9.8	86.2	14.11	81.2	13.72	76.3	13.38	74.0	12.86	71.3	12.41	66.3	11.82
	13.0	11.8	80.9	12.25	76.3	11.90	71.6	11.61	69.5	11.16	67.0	10.76	62.4	10.25
	15.0	13.7	76.5	11.03	72.2	10.72	67.8	10.45	65.8	10.05	63.4	9.68	59.0	9.22

7. Capacity Tables

Heating Capacity (34HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	65.2	29.92	65.2	30.06	64.8	30.33	64.8	30.73	64.8	29.29	63.5	27.93
	-21.8	-22	75.1	30.33	75.1	30.46	74.6	30.73	72.1	29.29	69.9	27.93	65.3	26.62
	-19.8	-20	81.8	30.60	79.4	30.73	74.6	29.72	72.1	28.33	69.9	27.04	65.3	25.75
	-18.8	-19	84.0	30.73	79.4	30.21	74.6	29.21	72.1	27.84	69.9	26.58	65.3	25.31
	-16.7	-17	84.0	29.65	79.4	29.11	74.6	28.15	72.1	26.83	69.9	25.63	65.3	24.39
	-13.7	-15	84.0	28.10	79.4	27.54	74.6	26.63	72.1	25.38	69.9	24.28	65.3	23.08
	-11.8	-13	84.0	27.11	79.4	26.54	74.6	25.66	72.1	24.46	69.9	23.42	65.3	22.25
	-9.8	-11	84.0	26.08	79.4	25.49	74.6	24.64	72.1	23.50	69.9	22.52	65.3	21.38
	-9.5	-10	84.0	25.92	79.4	25.34	74.6	24.49	72.1	23.35	69.9	22.38	65.3	21.25
	-8.5	-9.1	84.0	25.40	79.4	24.81	74.6	23.99	72.1	22.87	69.9	21.93	65.3	20.81
	-7.0	-7.6	84.0	24.63	79.4	24.03	74.6	23.23	72.1	22.15	69.9	21.25	65.3	20.15
	-5.0	-5.6	84.0	23.60	79.4	22.97	74.6	22.21	72.1	21.18	69.9	20.35	65.3	19.29
	-3.0	-3.7	84.0	22.56	79.4	21.93	74.6	21.20	72.1	20.22	69.9	19.44	65.3	18.41
	0.0	-0.7	84.0	21.00	79.4	20.36	74.6	19.68	72.1	18.78	69.9	18.09	65.3	17.10
	3.0	2.2	84.0	19.45	79.4	18.78	74.6	18.15	72.1	17.32	69.9	16.74	65.3	15.78
	5.0	4.1	84.0	17.02	77.7	16.03	73.1	15.49	70.6	14.77	68.5	14.30	63.9	13.47
	7.0	6	84.1	16.25	75.8	14.85	71.2	14.36	68.8	13.71	66.8	13.29	62.4	12.50
	9.0	7.9	81.1	14.05	72.9	12.84	68.7	12.41	66.3	11.85	64.3	11.49	60.0	10.80
	11.0	9.8	76.6	12.45	69.0	11.37	64.9	10.99	62.7	10.50	60.9	10.18	56.8	9.57
	13.0	11.8	71.9	10.90	64.8	9.96	61.0	9.63	58.8	9.19	57.1	8.92	53.3	8.38
	15.0	13.7	68.0	9.69	61.3	8.86	57.7	8.57	55.7	8.17	54.1	7.93	50.5	7.46
60	-24.8	-25	64.4	29.58	64.4	29.85	63.9	30.26	61.9	28.70	59.7	27.24	55.9	25.87
	-21.8	-22	69.0	29.99	68.2	30.26	63.9	28.70	61.9	27.24	59.7	25.87	55.9	24.54
	-19.8	-20	72.1	30.26	68.2	29.16	63.9	27.67	61.9	26.27	59.7	24.96	55.9	23.66
	-18.8	-19	72.1	29.71	68.2	28.62	63.9	27.15	61.9	25.79	59.7	24.50	55.9	23.21
	-16.7	-17	72.1	28.54	68.2	27.46	63.9	26.06	61.9	24.76	59.7	23.54	55.9	22.29
	-13.7	-15	72.1	26.88	68.2	25.81	63.9	24.50	61.9	23.31	59.7	22.16	55.9	20.96
	-11.8	-13	72.1	25.83	68.2	24.77	63.9	23.52	61.9	22.38	59.7	21.29	55.9	20.12
	-9.8	-11	72.1	24.72	68.2	23.67	63.9	22.48	61.9	21.41	59.7	20.38	55.9	19.23
	-9.5	-10	72.1	24.56	68.2	23.50	63.9	22.33	61.9	21.26	59.7	20.24	55.9	19.10
	-8.5	-9.1	72.1	24.00	68.2	22.96	63.9	21.81	61.9	20.78	59.7	19.79	55.9	18.66
	-7.0	-7.6	72.1	23.18	68.2	22.14	63.9	21.03	61.9	20.04	59.7	19.10	55.9	18.00
	-5.0	-5.6	72.1	22.06	68.2	21.04	63.9	20.00	61.9	19.07	59.7	18.19	55.9	17.11
	-3.0	-3.7	72.1	20.96	68.2	19.94	63.9	18.96	61.9	18.10	59.7	17.27	55.9	16.22
	0.0	-0.7	72.1	19.29	68.2	18.28	63.9	17.40	61.9	16.64	59.7	15.90	55.9	14.90
	3.0	2.2	72.1	17.63	68.2	16.64	63.9	15.84	61.9	15.18	59.7	14.52	55.9	13.57
	5.0	4.1	70.6	14.96	66.8	14.06	62.7	13.38	60.6	12.85	58.5	12.30	54.7	11.47
	7.0	6	68.8	13.72	65.1	12.86	61.1	12.26	59.0	11.78	57.0	11.30	53.4	10.50
	9.0	7.9	66.3	11.74	62.7	11.00	58.8	10.48	56.9	10.07	54.9	9.67	51.4	8.99
	11.0	9.8	62.7	10.40	59.3	9.74	55.6	9.29	53.7	8.92	52.0	8.56	48.6	7.96
	13.0	11.8	58.8	9.10	55.8	8.52	52.2	8.13	50.5	7.81	48.8	7.49	45.6	6.97
	15.0	13.7	55.7	8.17	52.7	7.66	49.5	7.23	47.8	6.95	46.1	6.66	43.2	6.26
50	-24.8	-25	60.2	25.72	56.8	26.12	53.3	24.76	51.6	23.48	49.8	22.28	46.4	21.15
	-21.8	-22	60.2	26.12	56.8	24.76	53.3	23.48	51.6	22.28	49.8	21.15	46.4	20.06
	-19.8	-20	60.2	25.18	56.8	23.85	53.3	22.63	51.6	21.47	49.8	20.39	46.4	19.33
	-18.8	-19	60.2	24.70	56.8	23.39	53.3	22.21	51.6	21.07	49.8	20.02	46.4	18.98
	-16.7	-17	60.2	23.70	56.8	22.44	53.3	21.31	51.6	20.21	49.8	19.23	46.4	18.22
	-13.7	-15	60.2	22.28	56.8	21.07	53.3	20.03	51.6	19.00	49.8	18.10	46.4	17.13
	-11.8	-13	60.2	21.37	56.8	20.21	53.3	19.23	51.6	18.24	49.8	17.39	46.4	16.44
	-9.8	-11	60.2	20.42	56.8	19.30	53.3	18.37	51.6	17.43	49.8	16.63	46.4	15.72
	-9.5	-10	60.2	20.28	56.8	19.16	53.3	18.24	51.6	17.31	49.8	16.53	46.4	15.60
	-8.5	-9.1	60.2	19.81	56.8	18.70	53.3	17.82	51.6	16.91	49.8	16.15	46.4	15.24
	-7.0	-7.6	60.2	19.09	56.8	18.02	53.3	17.18	51.6	16.30	49.8	15.59	46.4	14.71
	-5.0	-5.6	60.2	18.14	56.8	17.11	53.3	16.33	51.6	15.50	49.8	14.84	46.4	13.98
	-3.0	-3.7	60.2	17.19	56.8	16.20	53.3	15.47	51.6	14.69	49.8	14.08	46.4	13.25
	0.0	-0.7	60.2	15.77	56.8	14.83	53.3	14.20	51.6	13.48	49.8	12.95	46.4	12.17
	3.0	2.2	60.2	14.34	56.8	13.47	53.3	12.92	51.6	12.27	49.8	11.83	46.4	11.08
	5.0	4.1	59.0	12.11	55.6	11.36	52.2	10.91	50.5	10.37	48.9	10.02	45.6	9.37
	7.0	6	57.4	11.07	54.2	10.37	50.9	9.99	49.3	9.49	47.6	9.19	44.4	8.57
	9.0	7.9	55.3	9.57	52.2	8.96	49.0	8.63	47.4	8.20	45.9	7.95	42.8	7.41
	11.0	9.8	52.5	8.58	49.6	8.03	46.6	7.73	44.9	7.35	43.4	7.12	40.5	6.64
	13.0	11.8	49.1	7.42	46.4	6.95	43.5	6.69	42.2	6.40	40.8	6.16	37.9	5.78
	15.0	13.7	46.4	6.69	43.9	6.26	41.2	6.03	39.9	5.73	38.6	5.55	35.9	5.17

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM360LTE5

Heating Capacity (36HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	68.2	36.02	68.2	36.37	67.7	36.67	67.7	37.13	67.7	37.56	67.0	38.25
	-21.8	-22	83.2	36.72	83.2	37.06	82.7	37.36	82.7	37.82	82.7	38.25	81.8	38.94
	-19.8	-20	88.0	37.17	88.0	37.52	87.4	37.82	87.4	38.27	87.4	38.70	86.5	39.39
	-18.8	-19	90.0	37.40	90.0	37.74	89.5	38.04	89.5	38.50	89.5	38.94	88.5	39.62
	-16.7	-17	94.3	37.88	94.3	38.23	93.8	38.53	93.8	38.98	93.8	39.41	92.8	40.10
	-13.7	-15	100.5	38.57	100.5	38.91	99.9	39.21	99.9	39.66	99.9	40.10	98.8	38.69
	-11.8	-13	103.9	39.00	103.9	39.35	103.2	39.65	103.2	40.10	103.2	39.16	102.3	37.80
	-9.8	-11	107.4	39.46	107.4	39.80	106.8	40.10	106.8	39.11	106.8	38.17	106.0	36.86
	-9.5	-10	108.3	39.53	108.3	39.87	107.6	39.95	107.6	38.96	107.3	38.02	106.5	36.72
	-8.5	-9.1	111.4	39.76	111.4	40.10	110.7	39.45	110.7	38.46	109.0	37.52	108.4	36.24
	-7.0	-7.6	116.1	40.10	116.1	39.38	115.3	38.70	115.3	37.71	115.3	36.78	112.4	35.54
	-5.0	-5.6	122.2	39.19	122.2	38.41	121.4	37.70	121.4	36.73	121.4	35.80	116.4	34.60
	-3.0	-3.7	128.4	38.28	128.4	37.45	127.6	36.70	127.6	35.73	127.6	34.80	120.4	33.65
	0.0	-0.7	137.6	36.91	137.6	36.01	136.7	35.19	135.6	34.24	133.4	33.32	126.5	32.24
	3.0	2.2	141.4	35.54	141.4	34.56	140.7	33.69	139.1	32.75	136.9	31.83	128.0	30.83
	5.0	4.1	141.2	31.45	140.9	30.47	140.2	29.62	138.7	28.73	134.8	27.88	125.5	26.98
	7.0	6	139.8	30.01	139.6	29.04	138.9	28.20	136.1	27.38	131.4	26.56	122.2	25.77
	9.0	7.9	135.1	28.07	134.8	27.16	134.4	26.38	131.1	25.61	126.5	24.85	117.7	24.11
	11.0	9.8	127.8	26.48	127.5	25.63	127.1	24.88	124.0	24.16	119.7	23.43	111.4	22.74
	13.0	11.8	120.0	24.52	119.7	23.72	119.4	23.03	116.4	22.36	112.3	21.70	104.6	21.05
	15.0	13.7	113.6	22.90	113.3	22.16	112.9	21.52	110.2	20.89	106.3	20.27	99.0	19.66
120	-24.8	-25	67.7	36.37	67.7	36.67	67.2	37.13	67.2	37.56	67.2	38.25	66.5	38.73
	-21.8	-22	82.7	37.06	82.7	37.36	82.2	37.82	82.2	38.25	82.2	38.94	81.3	39.41
	-19.8	-20	87.4	37.52	87.4	37.82	86.8	38.27	86.8	38.70	86.8	39.39	85.8	39.87
	-18.8	-19	89.4	37.74	89.4	38.04	88.9	38.50	88.9	38.94	88.9	39.62	87.9	40.10
	-16.7	-17	93.7	38.23	93.7	38.53	93.1	38.98	93.1	39.41	93.1	40.10	92.1	39.19
	-13.7	-15	99.8	38.91	99.8	39.21	99.2	39.66	99.2	40.10	99.2	38.75	98.1	37.90
	-11.8	-13	103.2	39.35	103.2	39.65	102.5	40.10	102.5	39.15	102.5	37.90	101.6	37.07
	-9.8	-11	106.6	39.80	106.6	40.10	105.9	39.07	105.9	38.15	105.9	37.01	105.2	36.21
	-9.5	-10	107.6	39.87	107.6	39.94	106.9	38.91	106.9	38.00	106.9	36.87	106.1	36.08
	-8.5	-9.1	110.6	40.10	110.6	39.39	110.0	38.39	110.0	37.50	109.5	36.43	108.6	35.64
	-7.0	-7.6	115.2	39.30	115.2	38.57	114.5	37.61	114.5	36.75	112.6	35.75	111.5	34.99
	-5.0	-5.6	121.4	38.23	121.4	37.48	120.5	36.57	120.5	35.75	120.5	34.86	115.6	34.13
	-3.0	-3.7	127.4	37.15	127.4	36.40	126.7	35.53	126.7	34.75	125.8	33.96	119.6	33.26
	0.0	-0.7	136.6	35.55	136.1	34.76	133.2	33.97	131.2	33.25	129.3	32.61	120.2	31.97
	3.0	2.2	140.4	33.94	139.7	33.12	136.7	32.41	133.6	31.75	129.4	31.27	120.2	30.67
	5.0	4.1	140.3	29.82	139.2	29.03	135.4	28.39	130.9	27.79	126.9	27.40	117.9	26.87
	7.0	6	139.0	28.30	137.4	27.54	132.0	26.99	127.6	26.47	123.6	26.23	114.8	25.76
	9.0	7.9	134.1	26.40	132.3	25.68	127.1	25.18	122.9	24.70	119.1	24.46	110.6	24.02
	11.0	9.8	126.9	24.81	125.1	24.13	120.2	23.66	116.3	23.21	112.7	22.99	104.6	22.58
	13.0	11.8	119.1	22.88	117.5	22.26	112.9	21.82	109.1	21.41	105.8	21.20	98.3	20.83
	15.0	13.7	112.7	21.27	111.2	20.69	106.8	20.29	103.3	19.91	100.1	19.72	92.9	19.37
110	-24.8	-25	67.3	36.67	67.3	37.13	66.9	37.56	66.9	38.25	66.9	38.73	66.2	38.96
	-21.8	-22	82.2	37.36	82.2	37.82	81.7	38.25	81.7	38.94	81.7	39.41	80.8	39.65
	-19.8	-20	86.9	37.82	86.9	38.27	86.3	38.70	86.3	39.39	86.3	39.87	85.3	40.10
	-18.8	-19	88.9	38.04	88.9	38.50	88.4	38.94	88.4	39.62	88.4	40.10	87.4	39.61
	-16.7	-17	93.2	38.53	93.2	38.98	92.6	39.41	92.6	40.10	92.6	39.11	91.6	38.59
	-13.7	-15	99.3	39.21	99.3	39.66	98.6	40.10	98.6	38.60	98.6	37.70	98.6	37.13
	-11.8	-13	102.5	39.65	102.5	40.10	102.0	39.05	102.0	37.66	102.0	36.79	102.0	36.20
	-9.8	-11	106.1	40.10	106.1	38.92	105.4	37.94	105.4	36.66	105.4	35.85	105.0	35.23
	-9.5	-10	106.9	39.91	106.9	38.73	106.4	37.77	106.4	36.51	106.4	35.71	106.1	35.08
	-8.5	-9.1	110.0	39.28	110.0	38.15	109.3	37.22	109.3	36.01	109.0	35.24	107.6	34.60
	-7.0	-7.6	114.6	38.31	114.6	37.25	113.9	36.38	113.9	35.26	112.4	34.53	108.2	33.87
	-5.0	-5.6	120.7	37.04	120.7	36.07	119.9	35.28	118.9	34.27	115.0	33.59	108.2	32.90
	-3.0	-3.7	126.7	35.77	126.7	34.88	123.0	34.17	119.9	33.26	115.9	32.64	108.2	31.92
	0.0	-0.7	133.9	33.85	130.5	33.10	124.0	32.51	119.9	31.76	115.9	31.22	108.2	30.45
	3.0	2.2	137.4	31.94	132.1	31.32	124.0	30.84	119.9	30.27	115.9	29.80	108.2	29.00
	5.0	4.1	137.0	27.81	129.4	27.29	121.5	26.89	117.5	26.43	113.6	26.03	106.0	25.27
	7.0	6	133.5	26.16	126.2	25.77	118.4	25.48	114.5	25.16	110.7	24.85	103.3	24.08
	9.0	7.9	128.6	24.27	121.5	23.90	114.1	23.63	110.3	23.35	106.6	23.05	99.6	22.33
	11.0	9.8	121.7	22.67	115.0	22.33	107.8	22.08	104.4	21.81	100.8	21.53	94.1	20.87
	13.0	11.8	114.2	20.77	108.0	20.46	101.3	20.22	98.0	19.98	94.7	19.72	88.4	19.12
	15.0	13.7	108.0	19.16	102.1	18.87	95.9	18.66	92.7	18.43	89.6	18.19	83.7	17.63

7. Capacity Tables

Heating Capacity (36HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	67.0	40.24	67.0	40.22	66.6	37.96	66.6	40.17	66.6	40.16	65.8	40.15
	-21.8	-22	81.8	40.21	81.8	40.19	81.3	39.16	81.3	40.15	81.3	40.63	80.4	40.13
	-19.8	-20	86.5	40.19	86.5	40.17	86.0	39.92	86.0	40.13	86.0	40.28	85.0	40.10
	-18.8	-19	88.6	40.18	88.0	40.17	88.0	40.15	88.0	40.12	88.0	40.10	87.0	39.50
	-16.7	-17	92.2	40.17	92.2	40.15	92.2	40.63	91.7	40.10	91.7	38.86	90.7	38.22
	-13.7	-15	98.8	40.13	98.8	40.12	98.2	40.10	98.2	38.31	98.2	37.07	97.1	36.40
	-11.8	-13	102.0	40.13	101.5	40.10	101.5	38.91	101.5	37.17	101.5	35.95	98.6	35.24
	-9.8	-11	105.5	40.10	105.5	38.77	105.0	37.65	105.0	35.97	104.2	34.76	98.8	34.03
	-9.5	-10	106.4	39.89	106.4	38.57	105.9	37.46	105.9	35.79	104.8	34.59	98.8	33.85
	-8.5	-9.1	109.4	39.20	109.4	37.90	108.9	36.84	109.8	35.19	106.2	33.99	98.8	33.24
	-7.0	-7.6	115.9	38.16	115.4	36.90	113.4	35.88	109.8	34.29	106.2	33.09	98.8	32.33
	-5.0	-5.6	121.0	36.77	119.7	35.57	113.4	34.62	109.8	33.09	106.2	31.91	98.8	31.13
	-3.0	-3.7	124.4	35.39	120.6	34.24	113.4	33.38	109.8	31.90	106.2	30.72	98.8	29.91
	0.0	-0.7	128.0	33.30	120.6	32.23	113.4	31.48	109.8	30.10	106.2	28.94	98.8	28.09
	3.0	2.2	128.0	31.22	120.6	30.23	113.4	29.60	109.8	28.30	106.2	27.16	98.8	26.27
	5.0	4.1	125.3	27.08	118.3	26.18	111.1	25.65	107.6	24.49	104.0	23.46	96.9	22.62
	7.0	6	122.2	25.33	115.2	24.53	108.3	24.10	104.8	23.06	101.4	22.06	94.5	21.22
	9.0	7.9	117.7	23.32	111.0	22.58	104.4	22.19	101.0	21.22	97.7	20.31	90.9	19.53
	11.0	9.8	111.3	21.59	105.0	20.91	98.6	20.55	95.5	19.66	92.3	18.81	86.0	18.09
	13.0	11.8	104.5	19.58	98.6	18.97	92.7	18.64	89.7	17.83	86.7	17.06	80.8	16.40
	15.0	13.7	98.8	17.86	93.3	17.30	87.7	17.00	84.8	16.26	82.1	15.55	76.5	14.96
90	-24.8	-25	66.8	35.98	66.8	36.66	66.3	37.15	66.3	37.37	66.3	37.84	65.6	38.52
	-21.8	-22	81.5	36.66	81.5	37.35	81.0	37.84	81.0	38.06	81.0	38.52	80.1	36.93
	-19.8	-20	86.2	37.13	86.2	37.81	85.6	38.29	85.6	38.52	85.6	37.44	84.7	35.88
	-18.8	-19	88.6	37.35	88.0	38.04	87.7	38.52	87.7	37.96	87.7	36.90	86.7	35.34
	-16.7	-17	92.2	37.84	92.2	38.52	91.8	37.38	91.8	36.80	91.8	35.77	89.4	34.22
	-13.7	-15	98.8	38.52	98.8	36.83	97.9	35.75	97.9	35.15	96.2	34.15	90.4	32.64
	-11.8	-13	102.0	37.37	101.5	35.76	101.1	34.72	99.4	34.09	97.3	33.13	90.4	31.63
	-9.8	-11	105.5	36.16	105.5	34.64	102.6	33.64	100.6	32.98	97.3	32.05	90.4	30.57
	-9.5	-10	106.4	35.98	106.4	34.47	103.2	33.47	100.6	32.81	97.3	31.89	90.4	30.41
	-8.5	-9.1	109.4	35.38	108.6	33.91	103.7	32.93	100.6	32.27	97.3	31.35	90.4	29.89
	-7.0	-7.6	115.9	34.47	110.2	33.07	103.7	32.12	100.6	31.44	97.3	30.54	90.4	29.09
	-5.0	-5.6	117.2	33.25	110.2	31.95	103.7	31.03	100.6	30.33	97.3	29.46	90.4	28.03
	-3.0	-3.7	117.2	32.05	110.2	30.82	103.7	29.95	100.6	29.22	97.3	28.38	90.4	26.97
	0.0	-0.7	117.2	30.23	110.2	29.13	103.7	28.32	100.6	27.56	97.3	26.76	90.4	25.38
	3.0	2.2	117.2	28.43	110.2	27.45	103.7	26.70	100.6	25.91	97.3	25.14	90.4	23.79
	5.0	4.1	114.8	24.63	108.0	23.79	101.7	23.12	98.5	22.38	95.4	21.71	88.6	20.50
	7.0	6	111.8	23.14	105.3	22.43	99.0	21.83	96.0	21.09	92.9	20.46	86.4	19.29
	9.0	7.9	107.8	21.31	101.4	20.65	95.4	20.10	92.5	19.41	89.5	18.83	83.2	17.76
	11.0	9.8	101.9	19.54	95.9	18.94	90.2	18.42	87.5	17.80	84.6	17.27	78.6	16.29
	13.0	11.8	95.7	17.36	90.0	16.82	84.8	16.38	82.1	15.81	79.5	15.35	73.8	14.47
	15.0	13.7	90.5	15.66	85.2	15.19	80.2	14.78	77.7	14.27	75.2	13.85	69.9	13.06
80	-24.8	-25	66.5	31.61	66.5	32.30	66.1	32.79	66.1	33.01	66.1	34.16	65.3	32.76
	-21.8	-22	80.6	32.30	80.6	32.99	80.6	33.47	80.6	34.16	80.6	32.76	79.0	31.41
	-19.8	-20	85.3	32.76	85.3	33.45	85.3	34.16	85.3	33.17	84.4	31.82	80.8	30.51
	-18.8	-19	87.3	32.99	87.3	34.16	87.3	33.66	87.1	32.68	85.3	31.36	80.8	30.06
	-16.7	-17	90.8	34.16	90.8	33.12	90.8	32.62	89.2	31.65	86.8	30.39	80.8	29.12
	-13.7	-15	97.0	32.64	95.2	31.65	92.9	31.13	90.0	30.17	86.8	28.99	80.8	27.77
	-11.8	-13	99.5	31.68	96.6	30.72	92.9	30.19	90.0	29.25	86.8	28.10	80.8	26.92
	-9.8	-11	101.8	30.66	97.7	29.75	92.9	29.20	90.0	28.26	86.8	27.17	80.8	26.02
	-9.5	-10	102.5	30.51	98.3	29.59	92.9	29.04	90.0	28.11	86.8	27.03	80.8	25.88
	-8.5	-9.1	103.6	30.00	98.8	29.11	92.9	28.55	90.0	27.62	86.8	26.56	80.8	25.44
	-7.0	-7.6	104.9	29.24	98.8	28.37	92.9	27.81	90.0	26.88	86.8	25.87	80.8	24.76
	-5.0	-5.6	104.9	28.23	98.8	27.39	92.9	26.82	90.0	25.90	86.8	24.93	80.8	23.86
	-3.0	-3.7	104.9	27.21	98.8	26.41	92.9	25.83	90.0	24.91	86.8	24.00	80.8	22.96
	0.0	-0.7	104.9	25.69	98.8	24.94	92.9	24.34	90.0	23.45	86.8	22.60	80.8	21.61
	3.0	2.2	104.9	24.17	98.8	23.47	92.9	22.85	90.0	21.97	86.8	21.21	80.8	20.27
	5.0	4.1	102.8	20.93	96.9	20.30	90.9	19.74	88.2	18.93	85.0	18.29	79.2	17.46
	7.0	6	100.1	19.71	94.4	19.14	88.6	18.58	86.0	17.80	82.8	17.22	77.1	16.44
	9.0	7.9	96.5	17.66	90.9	17.15	85.4	16.73	82.8	16.08	79.9	15.51	74.3	14.78
	11.0	9.8	91.3	15.68	86.0	15.24	80.8	14.87	78.3	14.28	75.5	13.78	70.2	13.13
	13.0	11.8	85.7	13.62	80.8	13.24	75.8	12.91	73.6	12.41	70.9	11.97	66.0	11.40
	15.0	13.7	81.0	12.29	76.5	11.94	71.8	11.64	69.6	11.19	67.1	10.79	62.4	10.28

7. Capacity Tables

Heating Capacity (36HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	66.5	31.79	66.5	32.02	66.1	32.48	66.1	33.16	66.1	31.64	65.3	30.22
	-21.8	-22	78.3	32.48	78.6	32.70	78.0	33.16	76.3	31.64	74.0	30.22	69.1	28.84
	-19.8	-20	84.2	32.93	82.9	33.16	79.0	32.10	76.3	30.64	74.0	29.28	69.1	27.92
	-18.8	-19	86.5	33.16	83.8	32.62	79.0	31.57	76.3	30.12	74.0	28.80	69.1	27.46
	-16.7	-17	88.6	32.04	84.0	31.47	79.0	30.46	76.3	29.06	74.0	27.80	69.1	26.49
	-13.7	-15	88.9	30.42	84.0	29.83	79.0	28.87	76.3	27.55	74.0	26.38	69.1	25.11
	-11.8	-13	88.9	29.39	84.0	28.79	79.0	27.86	76.3	26.58	74.0	25.48	69.1	24.23
	-9.8	-11	88.9	28.32	84.0	27.69	79.0	26.79	76.3	25.57	74.0	24.53	69.1	23.31
	-9.5	-10	88.9	28.16	84.0	27.53	79.0	26.64	76.3	25.42	74.0	24.39	69.1	23.17
	-8.5	-9.1	88.9	27.62	84.0	26.98	79.0	26.11	76.3	24.92	74.0	23.91	69.1	22.71
	-7.0	-7.6	88.9	26.81	84.0	26.17	79.0	25.32	76.3	24.16	74.0	23.20	69.1	22.02
	-5.0	-5.6	88.9	25.74	84.0	25.07	79.0	24.25	76.3	23.15	74.0	22.26	69.1	21.11
	-3.0	-3.7	88.9	24.66	84.0	23.98	79.0	23.19	76.3	22.14	74.0	21.30	69.1	20.18
	0.0	-0.7	88.9	23.05	84.0	22.34	79.0	21.60	76.3	20.62	74.0	19.88	69.1	18.80
	3.0	2.2	88.9	21.43	84.0	20.70	79.0	20.01	76.3	19.10	74.0	18.46	69.1	17.41
	5.0	4.1	88.9	18.82	82.3	17.72	77.4	17.11	74.7	16.33	72.6	15.81	67.7	14.89
	7.0	6	89.1	18.03	80.2	16.48	75.4	15.92	72.9	15.21	70.7	14.75	66.0	13.86
	9.0	7.9	85.8	15.60	77.2	14.26	72.7	13.78	70.2	13.15	68.1	12.76	63.5	11.99
	11.0	9.8	81.2	13.84	73.1	12.64	68.8	12.22	66.4	11.67	64.4	11.32	60.1	10.64
	13.0	11.8	76.2	12.13	68.6	11.08	64.6	10.72	62.3	10.22	60.5	9.92	56.5	9.32
	15.0	13.7	72.0	10.80	65.0	9.88	61.0	9.55	59.0	9.11	57.2	8.83	53.4	8.31
60	-24.8	-25	65.9	31.26	65.9	31.72	65.4	32.41	64.2	30.79	62.9	29.27	59.2	27.84
	-21.8	-22	72.1	31.95	72.2	32.41	67.7	30.79	65.5	29.27	63.2	27.84	59.2	26.45
	-19.8	-20	76.3	32.41	72.2	31.27	67.7	29.71	65.5	28.26	63.2	26.88	59.2	25.52
	-18.8	-19	76.3	31.83	72.2	30.70	67.7	29.18	65.5	27.76	63.2	26.40	59.2	25.05
	-16.7	-17	76.3	30.63	72.2	29.50	67.7	28.04	65.5	26.68	63.2	25.40	59.2	24.08
	-13.7	-15	76.3	28.92	72.2	27.80	67.7	26.42	65.5	25.17	63.2	23.97	59.2	22.69
	-11.8	-13	76.3	27.84	72.2	26.71	67.7	25.40	65.5	24.20	63.2	23.06	59.2	21.81
	-9.8	-11	76.3	26.69	72.2	25.58	67.7	24.32	65.5	23.19	63.2	22.11	59.2	20.88
	-9.5	-10	76.3	26.52	72.2	25.41	67.7	24.17	65.5	23.04	63.2	21.96	59.2	20.74
	-8.5	-9.1	76.3	25.95	72.2	24.84	67.7	23.62	65.5	22.54	63.2	21.49	59.2	20.28
	-7.0	-7.6	76.3	25.10	72.2	23.99	67.7	22.82	65.5	21.77	63.2	20.77	59.2	19.59
	-5.0	-5.6	76.3	23.96	72.2	22.85	67.7	21.74	65.5	20.76	63.2	19.81	59.2	18.66
	-3.0	-3.7	76.3	22.82	72.2	21.71	67.7	20.67	65.5	19.75	63.2	18.86	59.2	17.73
	0.0	-0.7	76.3	21.10	72.2	20.00	67.7	19.05	65.5	18.23	63.2	17.43	59.2	16.34
	3.0	2.2	76.3	19.39	72.2	18.30	67.7	17.43	65.5	16.71	63.2	15.99	59.2	14.95
	5.0	4.1	74.7	16.51	70.8	15.52	66.4	14.77	64.1	14.19	61.9	13.59	58.0	12.67
	7.0	6	72.9	15.23	69.0	14.27	64.6	13.60	62.5	13.07	60.3	12.54	56.5	11.65
	9.0	7.9	70.2	13.04	66.4	12.21	62.3	11.64	60.3	11.18	58.1	10.74	54.4	9.98
	11.0	9.8	66.4	11.56	62.8	10.82	58.9	10.32	56.9	9.92	55.0	9.51	51.5	8.85
	13.0	11.8	62.3	10.13	59.0	9.49	55.3	9.04	53.5	8.69	51.7	8.33	48.3	7.76
	15.0	13.7	59.0	9.11	55.8	8.53	52.4	8.06	50.6	7.75	48.8	7.42	45.7	6.97
50	-24.8	-25	63.7	27.67	60.1	28.35	56.5	26.90	54.7	25.54	52.8	24.24	49.2	23.04
	-21.8	-22	63.7	28.35	60.1	26.90	56.5	25.54	54.7	24.24	52.8	23.04	49.2	21.87
	-19.8	-20	63.7	27.34	60.1	25.93	56.5	24.62	54.7	23.38	52.8	22.23	49.2	21.09
	-18.8	-19	63.7	26.84	60.1	25.44	56.5	24.18	54.7	22.95	52.8	21.83	49.2	20.71
	-16.7	-17	63.7	25.78	60.1	24.43	56.5	23.22	54.7	22.04	52.8	20.99	49.2	19.89
	-13.7	-15	63.7	24.26	60.1	22.97	56.5	21.85	54.7	20.74	52.8	19.78	49.2	18.72
	-11.8	-13	63.7	23.30	60.1	22.05	56.5	20.99	54.7	19.93	52.8	19.02	49.2	17.99
	-9.8	-11	63.7	22.29	60.1	21.08	56.5	20.08	54.7	19.06	52.8	18.21	49.2	17.21
	-9.5	-10	63.7	22.14	60.1	20.93	56.5	19.94	54.7	18.94	52.8	18.09	49.2	17.09
	-8.5	-9.1	63.7	21.64	60.1	20.44	56.5	19.49	54.7	18.51	52.8	17.69	49.2	16.70
	-7.0	-7.6	63.7	20.87	60.1	19.72	56.5	18.81	54.7	17.86	52.8	17.09	49.2	16.13
	-5.0	-5.6	63.7	19.86	60.1	18.75	56.5	17.90	54.7	17.00	52.8	16.28	49.2	15.35
	-3.0	-3.7	63.7	18.86	60.1	17.78	56.5	16.99	54.7	16.14	52.8	15.47	49.2	14.57
	0.0	-0.7	63.7	17.34	60.1	16.31	56.5	15.63	54.7	14.84	52.8	14.27	49.2	13.41
	3.0	2.2	63.7	15.82	60.1	14.86	56.5	14.26	54.7	13.55	52.8	13.06	49.2	12.24
	5.0	4.1	62.4	13.39	58.9	12.56	55.3	12.07	53.5	11.47	51.8	11.08	48.2	10.37
	7.0	6	60.8	12.28	57.4	11.50	53.9	11.08	52.2	10.52	50.4	10.20	47.0	9.51
	9.0	7.9	58.5	10.63	55.3	9.95	51.9	9.58	50.2	9.10	48.6	8.82	45.3	8.23
	11.0	9.8	55.6	9.53	52.5	8.92	49.3	8.59	47.5	8.17	45.9	7.91	42.8	7.38
	13.0	11.8	52.0	8.26	49.1	7.74	46.1	7.45	44.6	7.12	43.2	6.86	40.2	6.44
	15.0	13.7	49.2	7.45	46.4	6.98	43.6	6.72	42.3	6.39	40.8	6.19	38.0	5.77

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM380LTE5

Heating Capacity (38HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	76.8	38.84	76.8	39.02	76.2	39.18	76.2	39.42	76.2	39.66	74.8	40.02
	-21.8	-22	92.2	39.21	92.2	39.39	91.6	39.55	91.6	39.79	91.6	40.02	89.9	40.39
	-19.8	-20	96.8	39.45	96.8	39.63	96.1	39.79	96.1	40.04	96.1	40.26	94.3	40.63
	-18.8	-19	98.7	39.56	98.7	39.75	98.1	39.91	98.1	40.15	98.1	40.39	96.2	40.75
	-16.7	-17	102.9	39.83	102.9	40.01	102.2	40.17	102.2	40.41	102.2	40.64	100.3	41.01
	-13.7	-15	108.9	40.19	108.9	40.37	108.2	40.53	108.2	40.77	108.2	41.01	106.2	39.42
	-11.8	-13	112.4	40.42	112.4	40.60	111.7	40.76	111.7	41.01	111.7	39.93	109.8	38.41
	-9.8	-11	116.1	40.66	116.1	40.85	115.5	41.01	115.5	39.86	115.5	38.81	113.7	37.36
	-9.5	-10	116.8	40.71	116.8	40.88	116.1	40.83	116.1	39.69	116.0	38.64	114.3	37.20
	-8.5	-9.1	119.1	40.82	119.1	41.01	118.4	40.24	118.4	39.12	117.8	38.08	116.2	36.67
	-7.0	-7.6	122.5	41.01	122.5	40.14	121.8	39.36	121.8	38.25	121.8	37.23	119.2	35.87
	-5.0	-5.6	127.0	39.88	127.0	38.99	126.2	38.20	126.2	37.12	126.2	36.11	123.0	34.82
	-3.0	-3.7	131.5	38.76	131.5	37.84	130.7	37.02	130.7	35.97	130.7	34.98	126.9	33.76
	0.0	-0.7	138.2	37.08	138.2	36.12	137.4	35.26	137.4	34.26	137.4	33.30	132.7	32.17
	3.0	2.2	145.1	35.40	145.1	34.39	144.1	33.50	144.1	32.53	144.1	31.60	135.1	30.58
	5.0	4.1	146.8	31.15	146.6	30.16	145.7	29.31	145.7	28.42	142.3	27.56	132.4	26.66
	7.0	6	147.4	29.51	147.2	28.56	146.2	27.73	143.6	26.92	138.7	26.12	129.0	25.34
	9.0	7.9	142.7	27.41	142.3	26.52	141.9	25.76	138.3	25.01	133.6	24.26	124.3	23.54
	11.0	9.8	134.9	25.65	134.6	24.83	134.2	24.10	130.9	23.40	126.3	22.70	117.6	22.03
	13.0	11.8	126.7	23.54	126.4	22.77	126.0	22.11	122.9	21.47	118.6	20.83	110.4	20.20
	15.0	13.7	119.9	21.76	119.5	21.05	119.2	20.45	116.3	19.85	112.3	19.26	104.5	18.68
120	-24.8	-25	76.2	39.02	76.2	39.18	75.7	39.42	75.7	39.66	75.7	40.02	74.3	40.28
	-21.8	-22	91.6	39.39	91.6	39.55	91.0	39.79	91.0	40.02	91.0	40.39	89.3	40.64
	-19.8	-20	96.0	39.63	96.0	39.79	95.4	40.04	95.4	40.26	95.4	40.63	93.6	40.88
	-18.8	-19	98.0	39.75	98.0	39.91	97.4	40.15	97.4	40.39	97.4	40.75	95.6	41.01
	-16.7	-17	102.2	40.01	102.2	40.17	101.5	40.41	101.5	40.64	101.5	41.01	99.6	39.98
	-13.7	-15	108.1	40.37	108.1	40.53	107.5	40.77	107.5	41.01	107.5	39.48	105.4	38.53
	-11.8	-13	111.7	40.60	111.7	40.76	110.9	41.01	110.9	39.93	110.9	38.52	109.1	37.60
	-9.8	-11	115.3	40.85	115.3	41.01	114.6	39.82	114.6	38.79	114.6	37.50	112.9	36.63
	-9.5	-10	116.0	40.88	116.0	40.82	115.3	39.64	115.3	38.62	115.3	37.35	113.5	36.49
	-8.5	-9.1	118.2	41.01	118.2	40.18	117.6	39.04	117.6	38.05	117.4	36.85	115.5	36.00
	-7.0	-7.6	121.6	40.07	121.6	39.24	120.8	38.16	120.8	37.20	120.4	36.09	118.3	35.26
	-5.0	-5.6	126.1	38.81	126.1	37.98	125.3	36.96	125.3	36.06	125.3	35.07	122.2	34.29
	-3.0	-3.7	130.6	37.55	130.6	36.73	129.8	35.77	129.8	34.93	129.8	34.06	126.1	33.32
	0.0	-0.7	137.3	35.67	137.3	34.83	136.5	33.99	136.5	33.23	136.5	32.53	126.9	31.87
	3.0	2.2	144.1	33.78	144.1	32.94	143.1	32.21	141.0	31.53	136.6	31.01	126.9	30.40
	5.0	4.1	146.0	29.53	145.5	28.73	142.9	28.08	138.2	27.48	133.9	27.08	124.4	26.55
	7.0	6	146.6	27.83	145.0	27.08	139.3	26.54	134.7	26.03	130.5	25.79	121.2	25.33
	9.0	7.9	141.6	25.79	139.7	25.08	134.2	24.59	129.7	24.12	125.7	23.89	116.7	23.46
	11.0	9.8	133.9	24.06	132.1	23.40	126.9	22.94	122.7	22.50	118.9	22.29	110.4	21.89
	13.0	11.8	125.8	21.99	124.1	21.40	119.2	20.97	115.2	20.58	111.7	20.38	103.7	20.02
	15.0	13.7	119.0	20.25	117.4	19.70	112.7	19.32	109.0	18.95	105.6	18.77	98.1	18.43
110	-24.8	-25	75.8	39.18	75.8	39.42	75.3	39.66	75.3	40.02	75.3	40.28	73.9	40.39
	-21.8	-22	91.1	39.55	91.1	39.79	90.5	40.02	90.5	40.39	90.5	40.64	88.8	40.76
	-19.8	-20	95.5	39.79	95.5	40.04	94.9	40.26	94.9	40.63	94.9	40.88	93.0	41.01
	-18.8	-19	97.5	39.91	97.5	40.15	96.9	40.39	96.9	40.75	96.9	41.01	95.0	40.46
	-16.7	-17	101.6	40.17	101.6	40.41	100.9	40.64	100.9	41.01	100.9	39.90	99.0	39.34
	-13.7	-15	107.5	40.53	107.5	40.77	106.8	41.01	106.8	39.33	106.8	38.33	106.8	37.72
	-11.8	-13	111.0	40.76	111.0	41.01	110.3	39.82	110.3	38.28	110.3	37.33	110.3	36.70
	-9.8	-11	114.7	41.01	114.7	39.68	114.0	38.58	114.0	37.16	114.0	36.28	112.9	35.63
	-9.5	-10	115.3	40.79	115.3	39.47	114.7	38.40	114.7	37.00	114.7	36.12	114.2	35.47
	-8.5	-9.1	117.6	40.07	117.6	38.81	116.9	37.78	116.9	36.43	116.9	35.59	114.2	34.93
	-7.0	-7.6	121.0	38.98	121.0	37.80	120.2	36.84	120.2	35.60	120.2	34.81	114.2	34.13
	-5.0	-5.6	125.4	37.55	125.4	36.47	124.6	35.61	124.6	34.49	122.3	33.76	114.2	33.05
	-3.0	-3.7	129.8	36.11	129.8	35.14	129.1	34.36	126.6	33.37	122.3	32.70	114.2	31.98
	0.0	-0.7	136.5	33.95	136.5	33.14	130.9	32.50	126.6	31.70	122.3	31.13	114.2	30.36
	3.0	2.2	143.2	31.78	139.5	31.14	130.9	30.63	126.6	30.04	122.3	29.55	114.2	28.75
	5.0	4.1	144.6	27.54	136.6	27.00	128.3	26.59	124.1	26.12	119.9	25.72	111.9	24.97
	7.0	6	140.9	25.72	133.2	25.34	125.0	25.05	120.9	24.75	116.8	24.43	109.1	23.68
	9.0	7.9	135.7	23.71	128.3	23.35	120.4	23.09	116.5	22.81	112.5	22.52	105.1	21.82
	11.0	9.8	128.4	21.98	121.4	21.66	113.8	21.42	110.2	21.15	106.4	20.88	99.4	20.24
	13.0	11.8	120.5	19.98	114.0	19.67	107.0	19.45	103.4	19.21	99.9	18.96	93.3	18.39
	15.0	13.7	114.0	18.25	107.8	17.97	101.2	17.77	97.9	17.56	94.6	17.33	88.3	16.79

7. Capacity Tables

Heating Capacity (38HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	75.4	41.88	75.4	41.77	75.0	39.18	75.0	41.47	75.0	41.36	73.5	41.30
	-21.8	-22	90.7	41.71	90.7	41.59	90.1	40.42	90.1	41.30	90.1	41.55	88.4	41.13
	-19.8	-20	95.1	41.59	95.1	41.47	94.5	41.18	94.5	41.18	94.5	41.19	92.7	41.01
	-18.8	-19	97.1	41.53	96.5	41.42	96.5	41.30	96.5	41.12	96.5	41.01	94.6	40.35
	-16.7	-17	100.5	41.41	100.5	41.29	100.5	41.55	100.0	41.01	100.0	39.65	98.1	38.98
	-13.7	-15	107.0	41.23	107.0	41.12	106.4	41.01	106.4	39.04	106.4	37.72	104.3	37.01
	-11.8	-13	110.4	41.13	109.8	41.01	109.8	39.69	109.8	37.79	109.8	36.49	104.3	35.76
	-9.8	-11	114.1	41.01	114.1	39.53	113.6	38.30	113.6	36.49	112.1	35.20	104.3	34.45
	-9.5	-10	114.7	40.77	114.7	39.30	114.2	38.09	114.2	36.29	112.1	35.02	104.3	34.25
	-8.5	-9.1	117.0	40.00	117.0	38.57	116.4	37.40	115.9	35.63	112.1	34.36	104.3	33.60
	-7.0	-7.6	122.3	38.83	121.8	37.45	119.7	36.35	115.9	34.65	112.1	33.40	104.3	32.61
	-5.0	-5.6	127.7	37.28	126.4	35.98	119.7	34.96	115.9	33.34	112.1	32.11	104.3	31.31
	-3.0	-3.7	131.3	35.73	127.3	34.50	119.7	33.58	115.9	32.03	112.1	30.82	104.3	30.00
	0.0	-0.7	135.1	33.41	127.3	32.28	119.7	31.49	115.9	30.06	112.1	28.88	104.3	28.03
	3.0	2.2	135.1	31.08	127.3	30.06	119.7	29.41	115.9	28.10	112.1	26.96	104.3	26.06
	5.0	4.1	132.3	26.82	124.8	25.91	117.3	25.37	113.6	24.22	109.8	23.19	102.3	22.36
	7.0	6	129.0	24.91	121.6	24.12	114.3	23.70	110.6	22.68	107.0	21.70	99.7	20.87
	9.0	7.9	124.2	22.69	117.2	21.97	110.2	21.60	106.6	20.65	103.1	19.77	96.0	19.00
	11.0	9.8	117.4	20.75	110.8	20.10	104.1	19.76	100.9	18.90	97.5	18.08	90.8	17.39
	13.0	11.8	110.4	18.55	104.1	17.97	97.8	17.66	94.6	16.90	91.6	16.16	85.3	15.54
	15.0	13.7	104.3	16.64	98.4	16.11	92.5	15.83	89.5	15.15	86.6	14.49	80.7	13.94
90	-24.8	-25	75.2	38.05	75.2	38.41	74.7	38.67	74.7	38.79	74.7	39.04	73.3	39.40
	-21.8	-22	90.3	38.41	90.3	38.78	89.7	39.04	89.7	39.16	89.7	39.40	88.0	37.69
	-19.8	-20	94.7	38.66	94.7	39.02	94.1	39.28	94.1	39.40	94.1	38.23	92.4	36.56
	-18.8	-19	97.1	38.78	96.5	39.15	96.1	39.40	96.1	38.80	96.1	37.65	94.2	35.99
	-16.7	-17	100.5	39.04	100.5	39.40	100.1	38.15	100.1	37.53	100.1	36.43	95.4	34.79
	-13.7	-15	107.0	39.40	107.0	37.55	106.0	36.38	106.0	35.74	102.8	34.68	95.4	33.09
	-11.8	-13	110.4	38.13	109.8	36.37	109.4	35.25	106.2	34.59	102.8	33.57	95.4	32.01
	-9.8	-11	114.1	36.80	114.1	35.14	109.5	34.07	106.2	33.39	102.8	32.40	95.4	30.87
	-9.5	-10	114.7	36.59	114.7	34.96	109.5	33.89	106.2	33.21	102.8	32.23	95.4	30.70
	-8.5	-9.1	117.0	35.93	116.1	34.35	109.5	33.30	106.2	32.61	102.8	31.65	95.4	30.13
	-7.0	-7.6	122.3	34.92	116.3	33.42	109.5	32.41	106.2	31.71	102.8	30.77	95.4	29.27
	-5.0	-5.6	123.7	33.58	116.3	32.19	109.5	31.23	106.2	30.51	102.8	29.60	95.4	28.14
	-3.0	-3.7	123.7	32.25	116.3	30.95	109.5	30.04	106.2	29.30	102.8	28.43	95.4	27.00
	0.0	-0.7	123.7	30.24	116.3	29.10	109.5	28.26	106.2	27.50	102.8	26.69	95.4	25.29
	3.0	2.2	123.7	28.25	116.3	27.25	109.5	26.49	106.2	25.70	102.8	24.94	95.4	23.59
	5.0	4.1	121.2	24.37	114.0	23.52	107.3	22.85	104.0	22.13	100.7	21.45	93.5	20.25
	7.0	6	118.0	22.75	111.1	22.06	104.5	21.46	101.3	20.74	98.1	20.12	91.2	18.97
	9.0	7.9	113.8	20.74	107.0	20.09	100.7	19.55	97.6	18.89	94.5	18.32	87.8	17.28
	11.0	9.8	107.6	18.78	101.2	18.20	95.2	17.71	92.3	17.11	89.3	16.60	83.0	15.65
	13.0	11.8	101.0	16.44	95.0	15.94	89.5	15.52	86.7	14.98	83.9	14.54	77.9	13.71
	15.0	13.7	95.6	14.59	89.9	14.14	84.7	13.76	82.1	13.29	79.4	12.89	73.7	12.16
80	-24.8	-25	74.8	33.58	74.8	33.95	74.4	34.21	74.4	34.33	74.4	34.94	72.9	33.44
	-21.8	-22	89.4	33.95	89.4	34.32	89.4	34.57	89.4	34.94	89.4	33.44	85.3	32.00
	-19.8	-20	93.7	34.19	93.7	34.56	93.7	34.94	93.7	33.87	91.6	32.43	85.3	31.03
	-18.8	-19	95.7	34.32	95.7	34.94	95.7	34.40	95.0	33.35	91.6	31.94	85.3	30.56
	-16.7	-17	98.0	34.94	98.0	33.81	98.0	33.27	95.0	32.24	91.6	30.89	85.3	29.55
	-13.7	-15	102.4	33.28	100.5	32.21	98.0	31.65	95.0	30.64	91.6	29.39	85.3	28.11
	-11.8	-13	105.4	32.22	102.3	31.19	98.0	30.63	95.0	29.64	91.6	28.43	85.3	27.19
	-9.8	-11	108.2	31.11	103.5	30.13	98.0	29.56	95.0	28.57	91.6	27.43	85.3	26.23
	-9.5	-10	108.9	30.94	104.1	29.96	98.0	29.39	95.0	28.42	91.6	27.28	85.3	26.09
	-8.5	-9.1	109.8	30.39	104.3	29.43	98.0	28.86	95.0	27.88	91.6	26.78	85.3	25.61
	-7.0	-7.6	110.7	29.55	104.3	28.63	98.0	28.05	95.0	27.09	91.6	26.03	85.3	24.89
	-5.0	-5.6	110.7	28.44	104.3	27.56	98.0	26.98	95.0	26.03	91.6	25.02	85.3	23.93
	-3.0	-3.7	110.7	27.33	104.3	26.49	98.0	25.90	95.0	24.97	91.6	24.03	85.3	22.96
	0.0	-0.7	110.7	25.66	104.3	24.89	98.0	24.29	95.0	23.38	91.6	22.52	85.3	21.52
	3.0	2.2	110.7	24.00	104.3	23.29	98.0	22.67	95.0	21.79	91.6	21.02	85.3	20.09
	5.0	4.1	108.5	20.69	102.2	20.07	96.0	19.51	93.1	18.71	89.7	18.07	83.6	17.25
	7.0	6	105.7	19.38	99.6	18.82	93.5	18.27	90.8	17.51	87.4	16.93	81.4	16.17
	9.0	7.9	101.8	17.16	96.0	16.67	90.1	16.26	87.4	15.64	84.3	15.08	78.4	14.37
	11.0	9.8	96.3	15.05	90.8	14.63	85.3	14.28	82.7	13.72	79.7	13.24	74.1	12.61
	13.0	11.8	90.4	12.89	85.3	12.53	80.0	12.22	77.7	11.75	74.9	11.34	69.7	10.80
	15.0	13.7	85.5	11.43	80.7	11.11	75.8	10.84	73.5	10.41	70.8	10.04	65.9	9.56

7. Capacity Tables

Heating Capacity (38HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	74.8	33.39	74.8	33.51	74.4	33.76	74.4	34.12	74.4	32.49	72.0	30.96
	-21.8	-22	84.0	33.76	84.0	33.87	83.4	34.12	80.6	32.49	78.1	30.96	72.9	29.48
	-19.8	-20	90.0	34.00	88.7	34.12	83.4	32.97	80.6	31.40	78.1	29.94	72.9	28.50
	-18.8	-19	92.6	34.12	88.7	33.53	83.4	32.39	80.6	30.85	78.1	29.43	72.9	28.01
	-16.7	-17	93.9	32.89	88.7	32.28	83.4	31.19	80.6	29.70	78.1	28.36	72.9	26.97
	-13.7	-15	93.9	31.13	88.7	30.50	83.4	29.47	80.6	28.07	78.1	26.83	72.9	25.50
	-11.8	-13	93.9	30.00	88.7	29.37	83.4	28.38	80.6	27.03	78.1	25.86	72.9	24.56
	-9.8	-11	93.9	28.84	88.7	28.18	83.4	27.23	80.6	25.95	78.1	24.85	72.9	23.58
	-9.5	-10	93.9	28.65	88.7	28.00	83.4	27.06	80.6	25.78	78.1	24.70	72.9	23.43
	-8.5	-9.1	93.9	28.07	88.7	27.41	83.4	26.49	80.6	25.24	78.1	24.18	72.9	22.94
	-7.0	-7.6	93.9	27.19	88.7	26.52	83.4	25.63	80.6	24.43	78.1	23.42	72.9	22.20
	-5.0	-5.6	93.9	26.02	88.7	25.33	83.4	24.48	80.6	23.33	78.1	22.40	72.9	21.22
	-3.0	-3.7	93.9	24.84	88.7	24.14	83.4	23.33	80.6	22.24	78.1	21.38	72.9	20.24
	0.0	-0.7	93.9	23.07	88.7	22.36	83.4	21.61	80.6	20.61	78.1	19.85	72.9	18.76
	3.0	2.2	93.9	21.31	88.7	20.58	83.4	19.89	80.6	18.97	78.1	18.33	72.9	17.28
	5.0	4.1	93.9	18.62	86.8	17.53	81.7	16.94	78.9	16.15	76.6	15.63	71.4	14.72
	7.0	6	94.0	17.73	84.7	16.20	79.6	15.66	76.9	14.95	74.7	14.50	69.7	13.63
	9.0	7.9	90.6	15.18	81.5	13.87	76.7	13.41	74.1	12.80	71.9	12.42	67.1	11.67
	11.0	9.8	85.7	13.30	77.1	12.15	72.6	11.75	70.1	11.22	68.0	10.88	63.4	10.22
	13.0	11.8	80.4	11.49	72.4	10.50	68.2	10.15	65.8	9.69	63.8	9.40	59.6	8.83
	15.0	13.7	76.0	10.06	68.6	9.20	64.4	8.89	62.3	8.48	60.4	8.23	56.4	7.74
60	-24.8	-25	72.0	33.07	72.0	33.32	71.5	33.69	69.1	31.92	66.7	30.27	62.5	28.73
	-21.8	-22	77.1	33.44	76.2	33.69	71.5	31.92	69.1	30.27	66.7	28.73	62.5	27.23
	-19.8	-20	80.6	33.69	76.2	32.44	71.5	30.75	69.1	29.17	66.7	27.69	62.5	26.23
	-18.8	-19	80.6	33.06	76.2	31.82	71.5	30.17	69.1	28.63	66.7	27.17	62.5	25.73
	-16.7	-17	80.6	31.73	76.2	30.51	71.5	28.93	69.1	27.47	66.7	26.09	62.5	24.69
	-13.7	-15	80.6	29.85	76.2	28.64	71.5	27.17	69.1	25.83	66.7	24.54	62.5	23.19
	-11.8	-13	80.6	28.65	76.2	27.46	71.5	26.05	69.1	24.77	66.7	23.56	62.5	22.25
	-9.8	-11	80.6	27.39	76.2	26.21	71.5	24.88	69.1	23.68	66.7	22.53	62.5	21.25
	-9.5	-10	80.6	27.20	76.2	26.03	71.5	24.71	69.1	23.51	66.7	22.37	62.5	21.10
	-8.5	-9.1	80.6	26.57	76.2	25.41	71.5	24.12	69.1	22.97	66.7	21.86	62.5	20.60
	-7.0	-7.6	80.6	25.63	76.2	24.48	71.5	23.24	69.1	22.14	66.7	21.08	62.5	19.86
	-5.0	-5.6	80.6	24.37	76.2	23.23	71.5	22.07	69.1	21.04	66.7	20.05	62.5	18.86
	-3.0	-3.7	80.6	23.12	76.2	21.98	71.5	20.90	69.1	19.94	66.7	19.01	62.5	17.86
	0.0	-0.7	80.6	21.22	76.2	20.11	71.5	19.13	69.1	18.29	66.7	17.47	62.5	16.37
	3.0	2.2	80.6	19.34	76.2	18.25	71.5	17.37	69.1	16.64	66.7	15.91	62.5	14.87
	5.0	4.1	78.9	16.37	74.7	15.39	70.1	14.64	67.7	14.05	65.4	13.46	61.2	12.55
	7.0	6	76.9	14.97	72.8	14.03	68.2	13.37	66.0	12.85	63.7	12.33	59.6	11.46
	9.0	7.9	74.1	12.69	70.1	11.88	65.8	11.33	63.6	10.88	61.4	10.45	57.4	9.71
	11.0	9.8	70.1	11.11	66.3	10.40	62.2	9.92	60.1	9.53	58.1	9.15	54.3	8.51
	13.0	11.8	65.8	9.60	62.3	8.99	58.4	8.57	56.4	8.24	54.5	7.89	51.0	7.35
	15.0	13.7	62.3	8.48	58.9	7.95	55.3	7.50	53.4	7.21	51.5	6.91	48.3	6.50
50	-24.8	-25	67.2	28.64	63.4	29.00	59.6	27.47	57.7	26.03	55.7	24.67	51.9	23.41
	-21.8	-22	67.2	29.00	63.4	27.47	59.6	26.03	57.7	24.67	55.7	23.41	51.9	22.19
	-19.8	-20	67.2	27.93	63.4	26.44	59.6	25.07	57.7	23.76	55.7	22.56	51.9	21.37
	-18.8	-19	67.2	27.39	63.4	25.92	59.6	24.60	57.7	23.32	55.7	22.15	51.9	20.98
	-16.7	-17	67.2	26.27	63.4	24.86	59.6	23.59	57.7	22.36	55.7	21.26	51.9	20.12
	-13.7	-15	67.2	24.66	63.4	23.31	59.6	22.15	57.7	21.00	55.7	19.99	51.9	18.90
	-11.8	-13	67.2	23.64	63.4	22.34	59.6	21.24	57.7	20.14	55.7	19.19	51.9	18.14
	-9.8	-11	67.2	22.57	63.4	21.32	59.6	20.28	57.7	19.23	55.7	18.34	51.9	17.32
	-9.5	-10	67.2	22.41	63.4	21.17	59.6	20.13	57.7	19.10	55.7	18.22	51.9	17.20
	-8.5	-9.1	67.2	21.88	63.4	20.65	59.6	19.66	57.7	18.65	55.7	17.80	51.9	16.79
	-7.0	-7.6	67.2	21.07	63.4	19.88	59.6	18.94	57.7	17.96	55.7	17.17	51.9	16.19
	-5.0	-5.6	67.2	20.00	63.4	18.86	59.6	17.99	57.7	17.07	55.7	16.33	51.9	15.38
	-3.0	-3.7	67.2	18.93	63.4	17.83	59.6	17.02	57.7	16.16	55.7	15.48	51.9	14.56
	0.0	-0.7	67.2	17.33	63.4	16.29	59.6	15.59	57.7	14.80	55.7	14.21	51.9	13.35
	3.0	2.2	67.2	15.71	63.4	14.76	59.6	14.15	57.7	13.44	55.7	12.95	51.9	12.13
	5.0	4.1	65.9	13.25	62.1	12.42	58.4	11.93	56.5	11.33	54.7	10.95	50.9	10.24
	7.0	6	64.2	12.08	60.6	11.31	56.8	10.89	55.1	10.35	53.2	10.03	49.6	9.35
	9.0	7.9	61.8	10.34	58.3	9.68	54.8	9.32	53.0	8.86	51.3	8.59	47.8	8.01
	11.0	9.8	58.7	9.16	55.5	8.58	52.1	8.26	50.2	7.85	48.5	7.61	45.2	7.09
	13.0	11.8	54.9	7.82	51.8	7.33	48.7	7.06	47.1	6.74	45.6	6.50	42.4	6.10
	15.0	13.7	51.9	6.94	49.0	6.50	46.0	6.26	44.6	5.95	43.1	5.76	40.1	5.37

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM400LTE5

Heating Capacity (40HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	79.0	42.44	79.0	42.58	78.4	42.70	78.4	42.88	78.4	43.06	77.0	43.32
	-21.8	-22	96.0	42.72	96.0	42.86	95.4	42.98	95.4	43.16	95.4	43.32	93.6	43.60
	-19.8	-20	101.4	42.90	101.4	43.04	100.6	43.16	100.6	43.34	100.6	43.50	98.8	43.78
	-18.8	-19	103.4	42.98	103.4	43.12	102.8	43.24	102.8	43.42	102.8	43.60	100.8	43.86
	-16.7	-17	108.0	43.18	108.0	43.32	107.4	43.44	107.4	43.62	107.4	43.78	105.4	44.06
	-13.7	-15	114.6	43.46	114.6	43.58	114.0	43.70	114.0	43.88	114.0	44.06	111.8	42.46
	-11.8	-13	118.4	43.62	118.4	43.76	117.6	43.88	117.6	44.06	117.6	42.98	115.8	41.44
	-9.8	-11	122.2	43.80	122.2	43.94	121.6	44.06	121.6	42.92	121.6	41.86	120.0	40.38
	-9.5	-10	123.0	43.84	123.0	43.96	122.2	43.88	122.2	42.76	122.2	41.68	120.6	40.22
	-8.5	-9.1	125.4	43.92	125.4	44.06	124.6	43.30	124.6	42.18	124.0	41.12	122.8	39.68
	-7.0	-7.6	129.0	44.06	129.0	43.22	128.2	42.44	128.2	41.32	128.2	40.28	126.0	38.88
	-5.0	-5.6	133.6	42.98	133.6	42.10	132.8	41.30	132.8	40.20	132.8	39.16	130.2	37.82
	-3.0	-3.7	138.4	41.92	138.4	40.98	137.6	40.14	137.6	39.06	137.6	38.02	134.4	36.74
	0.0	-0.7	145.4	40.32	145.4	39.32	144.6	38.40	144.6	37.36	144.6	36.34	140.8	35.14
	3.0	2.2	152.6	38.72	152.6	37.64	151.6	36.68	151.6	35.64	151.6	34.64	142.2	33.54
	5.0	4.1	154.4	34.20	154.2	33.12	153.2	32.20	153.2	31.22	149.8	30.30	139.4	29.32
	7.0	6	155.0	32.56	154.8	31.50	153.8	30.60	151.2	29.70	146.0	28.82	135.8	27.96
	9.0	7.9	150.2	30.38	149.8	29.40	149.4	28.56	145.6	27.72	140.6	26.90	130.8	26.10
	11.0	9.8	142.0	28.60	141.6	27.68	141.2	26.86	137.8	26.08	133.0	25.30	123.8	24.56
	13.0	11.8	133.4	26.40	133.0	25.54	132.6	24.80	129.4	24.08	124.8	23.36	116.2	22.66
	15.0	13.7	126.2	24.58	125.8	23.78	125.4	23.10	122.4	22.42	118.2	21.76	110.0	21.10
120	-24.8	-25	78.4	42.58	78.4	42.70	77.8	42.88	77.8	43.06	77.8	43.32	76.4	43.52
	-21.8	-22	95.4	42.86	95.4	42.98	94.8	43.16	94.8	43.32	94.8	43.60	93.0	43.78
	-19.8	-20	100.6	43.04	100.6	43.16	100.0	43.34	100.0	43.50	100.0	43.78	98.0	43.96
	-18.8	-19	102.8	43.12	102.8	43.24	102.2	43.42	102.2	43.60	102.2	43.86	100.2	44.06
	-16.7	-17	107.4	43.32	107.4	43.44	106.6	43.62	106.6	43.78	106.6	44.06	104.6	43.02
	-13.7	-15	113.8	43.58	113.8	43.70	113.2	43.88	113.2	44.06	113.2	42.52	111.0	41.56
	-11.8	-13	117.6	43.76	117.6	43.88	116.8	44.06	116.8	42.98	116.8	41.56	115.0	40.62
	-9.8	-11	121.4	43.94	121.4	44.06	120.6	42.88	120.6	41.84	120.6	40.54	119.2	39.64
	-9.5	-10	122.2	43.96	122.2	43.88	121.4	42.70	121.4	41.66	121.4	40.38	119.8	39.50
	-8.5	-9.1	124.4	44.06	124.4	43.24	123.8	42.10	123.8	41.10	123.8	39.88	122.0	39.00
	-7.0	-7.6	128.0	43.14	128.0	42.30	127.2	41.22	127.2	40.24	127.2	39.12	125.0	38.26
	-5.0	-5.6	132.8	41.90	132.8	41.06	131.8	40.02	131.8	39.10	131.8	38.10	129.4	37.28
	-3.0	-3.7	137.4	40.66	137.4	39.82	136.6	38.84	136.6	37.96	136.6	37.08	133.6	36.30
	0.0	-0.7	144.4	38.82	144.4	37.94	143.6	37.06	143.6	36.26	143.6	35.54	133.6	34.84
	3.0	2.2	151.6	36.96	151.6	36.06	150.6	35.28	148.4	34.56	143.8	34.02	133.6	33.36
	5.0	4.1	153.6	32.42	153.0	31.56	150.4	30.86	145.4	30.20	141.0	29.78	131.0	29.20
	7.0	6	154.2	30.70	152.6	29.88	146.6	29.28	141.8	28.72	137.4	28.46	127.6	27.94
	9.0	7.9	149.0	28.58	147.0	27.80	141.2	27.26	136.6	26.74	132.4	26.48	122.8	26.00
	11.0	9.8	141.0	26.80	139.0	26.06	133.6	25.56	129.2	25.06	125.2	24.84	116.2	24.38
	13.0	11.8	132.4	24.64	130.6	23.98	125.4	23.50	121.2	23.06	117.6	22.84	109.2	22.44
	15.0	13.7	125.2	22.84	123.6	22.22	118.6	21.80	114.8	21.38	111.2	21.18	103.2	20.80
110	-24.8	-25	78.0	42.70	78.0	42.88	77.4	43.06	77.4	43.32	77.4	43.52	76.0	43.60
	-21.8	-22	94.8	42.98	94.8	43.16	94.2	43.32	94.2	43.60	94.2	43.78	92.4	43.88
	-19.8	-20	100.0	43.16	100.0	43.34	99.4	43.50	99.4	43.78	99.4	43.96	97.4	44.06
	-18.8	-19	102.2	43.24	102.2	43.42	101.6	43.60	101.6	43.86	101.6	44.06	99.6	43.50
	-16.7	-17	106.8	43.44	106.8	43.62	106.0	43.78	106.0	44.06	106.0	42.94	104.0	42.36
	-13.7	-15	113.2	43.70	113.2	43.88	112.4	44.06	112.4	42.36	112.4	41.34	112.4	40.70
	-11.8	-13	116.8	43.88	116.8	44.06	116.2	42.86	116.2	41.30	116.2	40.32	116.2	39.66
	-9.8	-11	120.8	44.06	120.8	42.72	120.0	41.60	120.0	40.16	120.0	39.26	119.2	38.56
	-9.5	-10	121.4	43.84	121.4	42.50	120.8	41.42	120.8	40.00	120.8	39.10	120.2	38.40
	-8.5	-9.1	123.8	43.12	123.8	41.84	123.0	40.80	123.0	39.42	123.0	38.56	120.2	37.86
	-7.0	-7.6	127.4	42.02	127.4	40.82	126.6	39.84	126.6	38.58	126.6	37.76	120.2	37.04
	-5.0	-5.6	132.0	40.58	132.0	39.48	131.2	38.60	131.2	37.46	128.8	36.70	120.2	35.94
	-3.0	-3.7	136.6	39.14	136.6	38.14	135.8	37.34	133.2	36.32	128.8	35.62	120.2	34.84
	0.0	-0.7	143.6	36.96	143.6	36.12	137.8	35.46	133.2	34.62	128.8	34.02	120.2	33.18
	3.0	2.2	150.6	34.78	146.8	34.10	137.8	33.56	133.2	32.94	128.8	32.42	120.2	31.54
	5.0	4.1	152.2	30.24	143.8	29.66	135.0	29.22	130.6	28.72	126.2	28.28	117.8	27.46
	7.0	6	148.4	28.38	140.2	27.96	131.6	27.64	127.2	27.30	123.0	26.96	114.8	26.12
	9.0	7.9	142.8	26.28	135.0	25.88	126.8	25.58	122.6	25.28	118.4	24.96	110.6	24.18
	11.0	9.8	135.2	24.48	127.8	24.12	119.8	23.86	116.0	23.56	112.0	23.26	104.6	22.54
	13.0	11.8	126.8	22.38	120.0	22.04	112.6	21.78	108.8	21.52	105.2	21.24	98.2	20.60
	15.0	13.7	120.0	20.58	113.4	20.26	106.6	20.04	103.0	19.80	99.6	19.54	93.0	18.94

7. Capacity Tables

Heating Capacity (40HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	77.6	46.70	77.6	46.36	77.2	42.70	77.2	45.48	77.2	45.12	75.6	44.94
	-21.8	-22	94.4	46.18	94.4	45.82	93.8	44.04	93.8	44.96	93.8	45.14	92.0	44.42
	-19.8	-20	99.6	45.82	99.6	45.46	99.0	44.86	99.0	44.60	99.0	44.42	97.0	44.06
	-18.8	-19	101.8	45.64	101.2	45.30	101.2	44.96	101.2	44.42	101.2	44.06	99.2	43.38
	-16.7	-17	105.6	45.28	105.6	44.92	105.6	45.14	105.0	44.06	105.0	42.66	103.0	41.96
	-13.7	-15	112.6	44.74	112.6	44.40	112.0	44.06	112.0	42.04	112.0	40.66	109.8	39.92
	-11.8	-13	116.2	44.42	115.6	44.06	115.6	42.72	115.6	40.76	115.6	39.40	109.8	38.62
	-9.8	-11	120.2	44.06	120.2	42.56	119.6	41.30	119.6	39.42	118.0	38.06	109.8	37.26
	-9.5	-10	120.8	43.82	120.8	42.32	120.2	41.08	120.2	39.22	118.0	37.88	109.8	37.06
	-8.5	-9.1	123.2	43.04	123.2	41.58	122.6	40.38	122.0	38.54	118.0	37.20	109.8	36.38
	-7.0	-7.6	128.8	41.86	128.2	40.44	126.0	39.30	122.0	37.52	118.0	36.20	109.8	35.36
	-5.0	-5.6	134.4	40.28	133.0	38.94	126.0	37.88	122.0	36.18	118.0	34.88	109.8	34.02
	-3.0	-3.7	138.2	38.72	134.0	37.44	126.0	36.48	122.0	34.84	118.0	33.54	109.8	32.66
	0.0	-0.7	142.2	36.36	134.0	35.18	126.0	34.34	122.0	32.82	118.0	31.54	109.8	30.62
	3.0	2.2	142.2	34.00	134.0	32.92	126.0	32.22	122.0	30.80	118.0	29.56	109.8	28.58
	5.0	4.1	139.2	29.44	131.4	28.46	123.4	27.88	119.6	26.62	115.6	25.50	107.6	24.58
	7.0	6	135.8	27.48	128.0	26.62	120.4	26.14	116.4	25.02	112.6	23.94	105.0	23.02
	9.0	7.9	130.8	25.32	123.4	24.52	116.0	24.10	112.2	23.04	108.6	22.06	101.0	21.20
	11.0	9.8	123.6	23.46	116.6	22.72	109.6	22.34	106.2	21.36	102.6	20.44	95.6	19.66
	13.0	11.8	116.2	21.30	109.6	20.64	103.0	20.28	99.6	19.40	96.4	18.56	89.8	17.84
	15.0	13.7	109.8	19.46	103.6	18.84	97.4	18.52	94.2	17.72	91.2	16.94	85.0	16.30
90	-24.8	-25	77.4	41.80	77.4	42.06	76.8	42.26	76.8	42.34	76.8	42.54	75.4	42.80
	-21.8	-22	94.0	42.06	94.0	42.34	93.4	42.54	93.4	42.62	93.4	42.80	91.6	40.98
	-19.8	-20	99.2	42.26	99.2	42.52	98.6	42.72	98.6	42.80	98.6	41.56	96.8	39.78
	-18.8	-19	101.8	42.34	101.2	42.62	100.8	42.80	100.8	42.16	100.8	40.94	98.8	39.16
	-16.7	-17	105.6	42.54	105.6	42.80	105.2	41.48	105.2	40.82	105.2	39.64	100.4	37.88
	-13.7	-15	112.6	42.80	112.6	40.84	111.6	39.60	111.6	38.92	108.2	37.78	100.4	36.08
	-11.8	-13	116.2	41.46	115.6	39.60	115.2	38.40	111.8	37.70	108.2	36.60	100.4	34.92
	-9.8	-11	120.2	40.06	120.2	38.30	115.2	37.16	111.8	36.42	108.2	35.36	100.4	33.70
	-9.5	-10	120.8	39.84	120.8	38.10	115.2	36.96	111.8	36.22	108.2	35.18	100.4	33.52
	-8.5	-9.1	123.2	39.14	122.2	37.46	115.2	36.34	111.8	35.60	108.2	34.56	100.4	32.92
	-7.0	-7.6	128.8	38.08	122.4	36.48	115.2	35.40	111.8	34.64	108.2	33.62	100.4	32.00
	-5.0	-5.6	130.2	36.66	122.4	35.18	115.2	34.14	111.8	33.36	108.2	32.38	100.4	30.80
	-3.0	-3.7	130.2	35.26	122.4	33.86	115.2	32.88	111.8	32.08	108.2	31.14	100.4	29.58
	0.0	-0.7	130.2	33.14	122.4	31.90	115.2	31.00	111.8	30.16	108.2	29.28	100.4	27.76
	3.0	2.2	130.2	31.04	122.4	29.96	115.2	29.12	111.8	28.26	108.2	27.42	100.4	25.94
	5.0	4.1	127.6	26.82	120.0	25.90	113.0	25.16	109.4	24.36	106.0	23.62	98.4	22.30
	7.0	6	124.2	25.10	117.0	24.34	110.0	23.68	106.6	22.88	103.2	22.20	96.0	20.92
	9.0	7.9	119.8	23.14	112.6	22.42	106.0	21.82	102.8	21.08	99.4	20.44	92.4	19.28
	11.0	9.8	113.2	21.24	106.6	20.58	100.2	20.02	97.2	19.34	94.0	18.76	87.4	17.70
	13.0	11.8	106.4	18.88	100.0	18.30	94.2	17.82	91.2	17.20	88.4	16.70	82.0	15.74
	15.0	13.7	100.6	17.06	94.6	16.54	89.2	16.10	86.4	15.54	83.6	15.08	77.6	14.22
80	-24.8	-25	77.0	36.94	77.0	37.22	76.6	37.42	76.6	37.50	76.6	37.96	75.0	36.36
	-21.8	-22	93.0	37.22	93.0	37.50	93.0	37.68	93.0	37.96	93.0	36.36	89.8	34.82
	-19.8	-20	98.2	37.40	98.2	37.68	98.2	37.96	98.2	36.82	96.4	35.28	89.8	33.78
	-18.8	-19	100.4	37.50	100.4	37.96	100.4	37.38	100.0	36.26	96.4	34.76	89.8	33.28
	-16.7	-17	103.2	37.96	103.2	36.76	103.2	36.18	100.0	35.08	96.4	33.64	89.8	32.20
	-13.7	-15	107.8	36.20	105.8	35.06	103.2	34.46	100.0	33.38	96.4	32.04	89.8	30.66
	-11.8	-13	110.6	35.08	107.4	33.98	103.2	33.38	100.0	32.32	96.4	31.02	89.8	29.68
	-9.8	-11	113.6	33.90	108.8	32.86	103.2	32.24	100.0	31.18	96.4	29.96	89.8	28.66
	-9.5	-10	114.4	33.72	109.4	32.68	103.2	32.06	100.0	31.02	96.4	29.80	89.8	28.50
	-8.5	-9.1	115.4	33.14	109.8	32.12	103.2	31.50	100.0	30.44	96.4	29.26	89.8	28.00
	-7.0	-7.6	116.6	32.26	109.8	31.26	103.2	30.64	100.0	29.60	96.4	28.46	89.8	27.22
	-5.0	-5.6	116.6	31.08	109.8	30.14	103.2	29.50	100.0	28.48	96.4	27.38	89.8	26.20
	-3.0	-3.7	116.6	29.90	109.8	29.00	103.2	28.36	100.0	27.34	96.4	26.32	89.8	25.16
	0.0	-0.7	116.6	28.14	109.8	27.30	103.2	26.64	100.0	25.66	96.4	24.72	89.8	23.62
	3.0	2.2	116.6	26.38	109.8	25.60	103.2	24.92	100.0	23.96	96.4	23.12	89.8	22.10
	5.0	4.1	114.2	22.78	107.6	22.10	101.0	21.48	98.0	20.60	94.4	19.90	88.0	19.00
	7.0	6	111.2	21.38	104.8	20.76	98.4	20.16	95.6	19.32	92.0	18.68	85.6	17.84
	9.0	7.9	107.2	19.20	101.0	18.64	94.8	18.18	92.0	17.48	88.8	16.86	82.6	16.06
	11.0	9.8	101.4	17.06	95.6	16.58	89.8	16.18	87.0	15.54	83.8	15.00	78.0	14.28
	13.0	11.8	95.2	14.84	89.8	14.42	84.2	14.06	81.8	13.52	78.8	13.04	73.4	12.42
	15.0	13.7	90.0	13.40	85.0	13.02	79.8	12.70	77.4	12.20	74.6	11.76	69.4	11.20

7. Capacity Tables

Heating Capacity (40HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	77.0	36.52	77.0	36.62	76.6	36.80	76.6	37.06	76.6	35.32	75.0	33.68
	-21.8	-22	88.4	36.80	88.4	36.88	87.8	37.06	84.8	35.32	82.2	33.68	76.8	32.10
	-19.8	-20	96.0	36.98	93.4	37.06	87.8	35.84	84.8	34.16	82.2	32.60	76.8	31.04
	-18.8	-19	98.8	37.06	93.4	36.44	87.8	35.22	84.8	33.56	82.2	32.04	76.8	30.52
	-16.7	-17	98.8	35.76	93.4	35.10	87.8	33.94	84.8	32.34	82.2	30.90	76.8	29.40
	-13.7	-15	98.8	33.88	93.4	33.20	87.8	32.10	84.8	30.60	82.2	29.26	76.8	27.82
	-11.8	-13	98.8	32.68	93.4	32.00	87.8	30.94	84.8	29.48	82.2	28.22	76.8	26.82
	-9.8	-11	98.8	31.44	93.4	30.72	87.8	29.70	84.8	28.32	82.2	27.14	76.8	25.76
	-9.5	-10	98.8	31.24	93.4	30.54	87.8	29.52	84.8	28.14	82.2	26.98	76.8	25.60
	-8.5	-9.1	98.8	30.62	93.4	29.90	87.8	28.92	84.8	27.56	82.2	26.42	76.8	25.08
	-7.0	-7.6	98.8	29.68	93.4	28.96	87.8	28.00	84.8	26.70	82.2	25.60	76.8	24.28
	-5.0	-5.6	98.8	28.44	93.4	27.68	87.8	26.76	84.8	25.52	82.2	24.52	76.8	23.24
	-3.0	-3.7	98.8	27.18	93.4	26.42	87.8	25.54	84.8	24.36	82.2	23.42	76.8	22.18
	0.0	-0.7	98.8	25.30	93.4	24.52	87.8	23.70	84.8	22.62	82.2	21.78	76.8	20.60
	3.0	2.2	98.8	23.42	93.4	22.62	87.8	21.86	84.8	20.86	82.2	20.16	76.8	19.00
	5.0	4.1	98.8	20.50	91.4	19.30	86.0	18.64	83.0	17.78	80.6	17.22	75.2	16.22
	7.0	6	99.0	19.56	89.2	17.88	83.8	17.28	81.0	16.50	78.6	16.00	73.4	15.04
	9.0	7.9	95.4	16.94	85.8	15.48	80.8	14.96	78.0	14.28	75.6	13.86	70.6	13.02
	11.0	9.8	90.2	15.04	81.2	13.74	76.4	13.28	73.8	12.68	71.6	12.30	66.8	11.56
	13.0	11.8	84.6	13.20	76.2	12.06	71.8	11.66	69.2	11.12	67.2	10.80	62.8	10.14
	15.0	13.7	80.0	11.76	72.2	10.76	67.8	10.40	65.6	9.92	63.6	9.62	59.4	9.06
60	-24.8	-25	75.8	36.20	75.8	36.38	75.2	36.66	72.8	34.76	70.2	32.98	65.8	31.32
	-21.8	-22	81.2	36.48	80.2	36.66	75.2	34.76	72.8	32.98	70.2	31.32	65.8	29.70
	-19.8	-20	84.8	36.66	80.2	35.32	75.2	33.50	72.8	31.80	70.2	30.20	65.8	28.62
	-18.8	-19	84.8	35.98	80.2	34.66	75.2	32.88	72.8	31.22	70.2	29.64	65.8	28.08
	-16.7	-17	84.8	34.56	80.2	33.24	75.2	31.54	72.8	29.96	70.2	28.48	65.8	26.96
	-13.7	-15	84.8	32.54	80.2	31.24	75.2	29.64	72.8	28.20	70.2	26.80	65.8	25.34
	-11.8	-13	84.8	31.26	80.2	29.96	75.2	28.44	72.8	27.06	70.2	25.74	65.8	24.32
	-9.8	-11	84.8	29.90	80.2	28.62	75.2	27.18	72.8	25.88	70.2	24.64	65.8	23.24
	-9.5	-10	84.8	29.70	80.2	28.42	75.2	27.00	72.8	25.70	70.2	24.46	65.8	23.08
	-8.5	-9.1	84.8	29.02	80.2	27.76	75.2	26.36	72.8	25.12	70.2	23.92	65.8	22.54
	-7.0	-7.6	84.8	28.02	80.2	26.76	75.2	25.42	72.8	24.22	70.2	23.08	65.8	21.74
	-5.0	-5.6	84.8	26.66	80.2	25.42	75.2	24.16	72.8	23.04	70.2	21.96	65.8	20.66
	-3.0	-3.7	84.8	25.32	80.2	24.08	75.2	22.90	72.8	21.86	70.2	20.84	65.8	19.58
	0.0	-0.7	84.8	23.28	80.2	22.06	75.2	21.00	72.8	20.08	70.2	19.18	65.8	17.98
	3.0	2.2	84.8	21.26	80.2	20.06	75.2	19.10	72.8	18.30	70.2	17.50	65.8	16.36
	5.0	4.1	83.0	18.02	78.6	16.94	73.8	16.12	71.2	15.48	68.8	14.82	64.4	13.82
	7.0	6	81.0	16.52	76.6	15.48	71.8	14.76	69.4	14.18	67.0	13.60	62.8	12.64
	9.0	7.9	78.0	14.16	73.8	13.26	69.2	12.64	67.0	12.14	64.6	11.66	60.4	10.84
	11.0	9.8	73.8	12.56	69.8	11.76	65.4	11.22	63.2	10.78	61.2	10.34	57.2	9.62
	13.0	11.8	69.2	11.02	65.6	10.32	61.4	9.84	59.4	9.46	57.4	9.06	53.6	8.44
	15.0	13.7	65.6	9.92	62.0	9.30	58.2	8.78	56.2	8.44	54.2	8.08	50.8	7.60
50	-24.8	-25	70.8	31.24	66.8	31.50	62.8	29.86	60.8	28.32	58.6	26.86	54.6	25.50
	-21.8	-22	70.8	31.50	66.8	29.86	62.8	28.32	60.8	26.86	58.6	25.50	54.6	24.18
	-19.8	-20	70.8	30.36	66.8	28.76	62.8	27.28	60.8	25.88	58.6	24.58	54.6	23.30
	-18.8	-19	70.8	29.78	66.8	28.20	62.8	26.78	60.8	25.40	58.6	24.14	54.6	22.88
	-16.7	-17	70.8	28.58	66.8	27.06	62.8	25.70	60.8	24.36	58.6	23.18	54.6	21.96
	-13.7	-15	70.8	26.86	66.8	25.40	62.8	24.14	60.8	22.90	58.6	21.82	54.6	20.64
	-11.8	-13	70.8	25.76	66.8	24.36	62.8	23.18	60.8	21.98	58.6	20.96	54.6	19.82
	-9.8	-11	70.8	24.62	66.8	23.26	62.8	22.14	60.8	21.00	58.6	20.04	54.6	18.94
	-9.5	-10	70.8	24.44	66.8	23.10	62.8	21.98	60.8	20.86	58.6	19.92	54.6	18.80
	-8.5	-9.1	70.8	23.88	66.8	22.54	62.8	21.48	60.8	20.38	58.6	19.46	54.6	18.36
	-7.0	-7.6	70.8	23.00	66.8	21.72	62.8	20.70	60.8	19.64	58.6	18.78	54.6	17.72
	-5.0	-5.6	70.8	21.86	66.8	20.62	62.8	19.68	60.8	18.68	58.6	17.88	54.6	16.84
	-3.0	-3.7	70.8	20.72	66.8	19.52	62.8	18.64	60.8	17.70	58.6	16.96	54.6	15.96
	0.0	-0.7	70.8	19.00	66.8	17.86	62.8	17.10	60.8	16.24	58.6	15.60	54.6	14.66
	3.0	2.2	70.8	17.26	66.8	16.22	62.8	15.56	60.8	14.78	58.6	14.24	54.6	13.34
	5.0	4.1	69.4	14.58	65.4	13.68	61.4	13.14	59.4	12.48	57.6	12.06	53.6	11.28
	7.0	6	67.6	13.32	63.8	12.48	59.8	12.02	58.0	11.42	56.0	11.06	52.2	10.32
	9.0	7.9	65.0	11.54	61.4	10.80	57.6	10.40	55.8	9.88	54.0	9.58	50.4	8.94
	11.0	9.8	61.8	10.36	58.4	9.70	54.8	9.34	52.8	8.88	51.0	8.60	47.6	8.02
	13.0	11.8	57.8	8.98	54.6	8.42	51.2	8.10	49.6	7.74	48.0	7.46	44.6	7.00
	15.0	13.7	54.6	8.12	51.6	7.60	48.4	7.32	47.0	6.96	45.4	6.74	42.2	6.28

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM420LTE5

Heating Capacity (42HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	85.1	40.48	85.1	41.01	84.6	41.49	84.6	42.20	84.6	42.91	83.7	44.00
	-21.8	-22	101.0	41.57	101.0	42.10	100.3	42.58	100.3	43.29	100.3	44.00	99.3	45.07
	-19.8	-20	105.3	42.28	105.3	42.83	104.6	43.29	104.6	44.03	104.6	44.71	103.5	45.80
	-18.8	-19	107.6	42.65	107.6	43.19	106.9	43.67	106.9	44.38	106.9	45.07	105.8	46.16
	-16.7	-17	112.5	43.42	112.5	43.95	111.7	44.43	111.7	45.14	111.7	45.83	110.4	46.92
	-13.7	-15	119.4	44.50	119.4	45.04	118.6	45.52	118.6	46.23	118.6	46.92	117.3	44.83
	-11.8	-13	123.2	45.19	123.2	45.72	122.5	46.20	122.5	46.92	122.5	45.50	121.5	43.51
	-9.8	-11	127.4	45.90	127.4	46.46	126.5	46.92	126.5	45.38	126.5	44.00	125.5	42.13
	-9.5	-10	128.1	46.03	128.1	46.56	127.4	46.69	127.4	45.13	127.1	43.78	126.2	41.91
	-8.5	-9.1	131.0	46.38	131.0	46.92	130.3	45.87	130.3	44.37	129.2	43.02	128.2	41.21
	-7.0	-7.6	135.4	46.92	135.4	45.69	134.5	44.66	134.5	43.19	134.5	41.89	132.6	40.17
	-5.0	-5.6	141.2	45.29	141.2	44.08	140.2	43.03	140.2	41.64	140.2	40.39	136.9	38.77
	-3.0	-3.7	146.9	43.64	146.9	42.45	145.9	41.41	145.9	40.08	145.9	38.89	141.5	37.39
	0.0	-0.7	155.3	41.18	155.3	40.00	154.5	38.98	154.5	37.76	154.5	36.63	147.7	35.30
	3.0	2.2	164.0	38.72	164.0	37.55	162.9	36.54	162.9	35.43	159.9	34.36	149.4	33.21
	5.0	4.1	165.6	33.73	165.3	32.64	164.5	31.69	162.1	30.71	157.2	29.75	146.3	28.76
	7.0	6	163.5	31.53	163.2	30.53	162.3	29.63	158.8	28.77	153.3	27.91	142.7	27.08
	9.0	7.9	157.6	28.92	157.2	27.98	156.8	27.16	152.9	26.37	147.7	25.59	137.5	24.83
	11.0	9.8	149.1	26.63	148.8	25.79	148.4	25.03	144.6	24.30	139.6	23.59	129.9	22.87
	13.0	11.8	140.0	24.02	139.7	23.24	139.3	22.57	135.8	21.91	131.2	21.27	122.1	20.61
	15.0	13.7	132.4	21.75	132.2	21.04	131.7	20.44	128.5	19.84	124.0	19.26	115.5	18.67
120	-24.8	-25	84.6	41.01	84.6	41.49	84.0	42.20	84.0	42.91	84.0	44.00	83.1	44.76
	-21.8	-22	100.3	42.10	100.3	42.58	99.6	43.29	99.6	44.00	99.6	45.07	98.6	45.83
	-19.8	-20	104.5	42.83	104.5	43.29	103.8	44.03	103.8	44.71	103.8	45.80	102.8	46.56
	-18.8	-19	106.8	43.19	106.8	43.67	106.1	44.38	106.1	45.07	106.1	46.16	105.1	46.92
	-16.7	-17	111.7	43.95	111.7	44.43	111.0	45.14	111.0	45.83	111.0	46.92	109.7	45.59
	-13.7	-15	118.4	45.04	118.4	45.52	117.7	46.23	117.7	46.92	117.7	44.90	116.5	43.67
	-11.8	-13	122.3	45.72	122.3	46.20	121.5	46.92	121.5	45.48	121.5	43.62	120.6	42.45
	-9.8	-11	126.4	46.46	126.4	46.92	125.7	45.32	125.7	43.97	125.7	42.27	124.7	41.17
	-9.5	-10	127.3	46.56	127.3	46.66	126.6	45.09	126.6	43.75	126.6	42.08	125.6	40.98
	-8.5	-9.1	130.2	46.92	130.2	45.80	129.3	44.27	129.3	42.98	129.1	41.41	128.1	40.34
	-7.0	-7.6	134.4	45.62	134.4	44.53	133.6	43.09	133.6	41.86	132.8	40.39	131.6	39.37
	-5.0	-5.6	140.1	43.88	140.1	42.81	139.2	41.49	139.2	40.33	139.2	39.04	136.1	38.09
	-3.0	-3.7	145.9	42.14	145.9	41.10	144.9	39.87	144.9	38.83	144.9	37.70	139.5	36.81
	0.0	-0.7	154.3	39.52	154.3	38.52	153.3	37.48	153.3	36.56	150.9	35.68	140.3	34.89
	3.0	2.2	162.9	36.90	162.9	35.95	160.0	35.09	155.8	34.29	150.9	33.66	140.3	32.98
	5.0	4.1	164.4	31.96	163.0	31.07	157.9	30.33	152.7	29.68	148.0	29.19	137.5	28.61
	7.0	6	162.3	29.74	160.3	28.94	154.0	28.36	148.8	27.83	144.2	27.56	134.0	27.08
	9.0	7.9	156.5	27.22	154.4	26.48	148.4	25.96	143.4	25.45	138.9	25.21	129.1	24.76
	11.0	9.8	148.0	25.04	146.0	24.35	140.3	23.86	135.5	23.41	131.3	23.19	122.1	22.78
	13.0	11.8	139.0	22.51	137.2	21.89	131.7	21.46	127.4	21.05	123.5	20.86	114.5	20.48
	15.0	13.7	131.6	20.33	129.8	19.77	124.6	19.38	120.4	19.02	116.8	18.84	108.5	18.49
110	-24.8	-25	84.0	41.49	84.0	42.20	83.6	42.91	83.6	44.00	83.6	44.76	82.7	45.11
	-21.8	-22	99.9	42.58	99.9	43.29	99.2	44.00	99.2	45.07	99.2	45.83	98.2	46.20
	-19.8	-20	103.9	43.29	103.9	44.03	103.4	44.71	103.4	45.80	103.4	46.56	102.1	46.92
	-18.8	-19	106.2	43.67	106.2	44.38	105.5	45.07	105.5	46.16	105.5	46.92	104.4	46.23
	-16.7	-17	111.0	44.43	111.0	45.14	110.3	45.83	110.3	46.92	110.3	45.49	109.0	44.78
	-13.7	-15	117.9	45.52	117.9	46.23	117.0	46.92	117.0	44.75	117.0	43.44	117.0	42.71
	-11.8	-13	121.8	46.20	121.8	46.92	120.8	45.37	120.8	43.37	120.8	42.15	120.8	41.41
	-9.8	-11	125.7	46.92	125.7	45.18	125.0	43.76	125.0	41.92	125.0	40.79	124.3	40.03
	-9.5	-10	126.6	46.63	126.6	44.90	125.9	43.51	125.9	41.70	125.9	40.59	125.7	39.81
	-8.5	-9.1	129.5	45.69	129.5	44.03	128.6	42.70	128.6	40.96	128.6	39.89	126.3	39.12
	-7.0	-7.6	133.7	44.25	133.7	42.71	132.9	41.48	132.9	39.87	132.9	38.89	126.3	38.09
	-5.0	-5.6	139.4	42.34	139.4	40.95	138.4	39.85	138.4	38.42	135.1	37.51	126.3	36.70
	-3.0	-3.7	144.9	40.44	144.9	39.21	143.8	38.21	140.0	36.97	135.1	36.15	126.3	35.34
	0.0	-0.7	153.5	37.57	152.7	36.58	144.6	35.77	140.0	34.79	135.1	34.12	126.3	33.27
	3.0	2.2	161.1	34.71	154.1	33.93	144.6	33.33	140.0	32.63	135.1	32.06	126.3	31.20
	5.0	4.1	159.9	29.80	151.1	29.19	141.8	28.72	137.2	28.18	132.6	27.72	123.8	26.92
	7.0	6	155.7	27.49	147.3	27.08	138.2	26.77	133.7	26.46	129.1	26.11	120.7	25.30
	9.0	7.9	150.1	25.03	141.8	24.65	133.0	24.38	128.8	24.09	124.3	23.78	116.2	23.05
	11.0	9.8	141.8	22.90	134.1	22.56	125.9	22.29	121.8	22.03	117.6	21.75	109.9	21.07
	13.0	11.8	133.3	20.47	126.0	20.15	118.3	19.92	114.4	19.67	110.5	19.42	103.2	18.83
	15.0	13.7	126.0	18.32	119.1	18.06	111.9	17.85	108.2	17.64	104.6	17.40	97.6	16.86

7. Capacity Tables

Heating Capacity (42HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	83.6	45.21	83.6	45.43	83.2	43.69	83.2	45.99	83.2	46.24	82.3	46.35
	-21.8	-22	99.3	45.56	99.3	45.78	98.8	45.08	98.8	46.34	98.8	47.10	97.6	46.70
	-19.8	-20	103.5	45.78	103.5	46.00	102.8	45.97	102.8	46.56	102.8	46.98	101.8	46.92
	-18.8	-19	105.8	45.89	105.1	46.13	105.1	46.34	105.1	46.67	105.1	46.92	104.0	46.10
	-16.7	-17	109.9	46.13	109.9	46.37	109.9	47.10	109.3	46.92	109.3	45.22	108.0	44.40
	-13.7	-15	117.3	46.48	117.3	46.70	116.6	46.92	116.6	44.44	116.6	42.81	115.4	41.95
	-11.8	-13	121.1	46.70	120.4	46.92	120.4	45.23	120.4	42.85	120.4	41.25	115.4	40.39
	-9.8	-11	125.0	46.92	125.0	45.01	124.6	43.45	124.6	41.20	123.9	39.65	115.4	38.76
	-9.5	-10	125.9	46.62	125.9	44.72	125.3	43.17	125.3	40.94	123.9	39.40	115.4	38.52
	-8.5	-9.1	128.8	45.60	128.8	43.78	128.1	42.29	128.1	40.10	123.9	38.58	115.4	37.71
	-7.0	-7.6	135.1	44.08	134.7	42.33	132.3	40.94	128.1	38.87	123.9	37.38	115.4	36.47
	-5.0	-5.6	141.1	42.06	139.7	40.43	132.3	39.16	128.1	37.21	123.9	35.75	115.4	34.84
	-3.0	-3.7	145.2	40.03	140.7	38.52	132.3	37.38	128.1	35.53	123.9	34.15	115.4	33.21
	0.0	-0.7	149.2	37.01	140.7	35.65	132.3	34.70	128.1	33.05	123.9	31.71	115.4	30.76
	3.0	2.2	149.2	33.96	140.7	32.78	132.3	32.02	128.1	30.56	123.9	29.30	115.4	28.31
	5.0	4.1	146.3	29.04	137.9	28.02	129.6	27.41	125.6	26.15	121.4	25.02	113.1	24.13
	7.0	6	142.5	26.61	134.4	25.77	126.3	25.33	122.2	24.23	118.3	23.19	110.2	22.30
	9.0	7.9	137.2	23.87	129.5	23.11	121.8	22.71	117.9	21.73	114.0	20.78	106.1	19.98
	11.0	9.8	129.8	21.42	122.5	20.74	115.1	20.39	111.4	19.50	107.8	18.66	100.4	17.94
	13.0	11.8	121.9	18.70	115.1	18.11	108.1	17.80	104.6	17.04	101.2	16.28	94.2	15.66
	15.0	13.7	115.4	16.29	108.8	15.77	102.2	15.49	99.0	14.83	95.6	14.20	89.2	13.65
90	-24.8	-25	83.3	40.63	83.3	41.72	82.9	42.48	82.9	42.84	82.9	43.57	82.0	44.66
	-21.8	-22	98.9	41.72	98.9	42.81	98.4	43.57	98.4	43.93	98.4	44.66	97.2	42.58
	-19.8	-20	103.1	42.45	103.1	43.52	102.4	44.28	102.4	44.66	102.4	43.23	101.4	41.21
	-18.8	-19	105.8	42.81	105.1	43.90	104.7	44.66	104.7	43.92	104.7	42.52	103.6	40.53
	-16.7	-17	109.9	43.57	109.9	44.66	109.3	43.11	109.3	42.36	109.3	41.03	105.4	39.09
	-13.7	-15	117.3	44.66	117.3	42.35	116.2	40.92	116.2	40.16	113.5	38.89	105.4	37.01
	-11.8	-13	121.1	43.06	120.4	40.89	120.0	39.53	117.3	38.76	113.5	37.53	105.4	35.71
	-9.8	-11	125.0	41.39	125.0	39.37	121.1	38.07	117.3	37.28	113.5	36.12	105.4	34.34
	-9.5	-10	125.9	41.13	125.9	39.13	121.1	37.85	117.3	37.06	113.5	35.90	105.4	34.14
	-8.5	-9.1	128.8	40.30	127.8	38.38	121.1	37.11	117.3	36.31	113.5	35.19	105.4	33.43
	-7.0	-7.6	135.1	39.04	128.5	37.22	121.1	36.01	117.3	35.21	113.5	34.12	105.4	32.41
	-5.0	-5.6	136.6	37.37	128.5	35.68	121.1	34.56	117.3	33.75	113.5	32.69	105.4	31.04
	-3.0	-3.7	136.6	35.70	128.5	34.16	121.1	33.10	117.3	32.26	113.5	31.26	105.4	29.65
	0.0	-0.7	136.6	33.19	128.5	31.85	121.1	30.90	117.3	30.06	113.5	29.15	105.4	27.59
	3.0	2.2	136.6	30.67	128.5	29.55	121.1	28.71	117.3	27.85	113.5	27.01	105.4	25.54
	5.0	4.1	134.0	26.28	126.0	25.35	118.6	24.61	114.9	23.85	111.3	23.10	103.3	21.80
	7.0	6	130.5	24.32	122.8	23.57	115.5	22.94	112.0	22.16	108.5	21.50	100.8	20.27
	9.0	7.9	125.7	21.81	118.3	21.14	111.3	20.56	107.8	19.87	104.4	19.28	97.0	18.18
	11.0	9.8	119.0	19.38	111.9	18.77	105.3	18.28	102.1	17.66	98.7	17.14	91.7	16.14
	13.0	11.8	111.6	16.58	105.0	16.07	99.0	15.65	95.9	15.10	92.7	14.65	86.1	13.82
	15.0	13.7	105.7	14.28	99.4	13.85	93.5	13.47	90.7	13.02	87.8	12.63	81.5	11.91
80	-24.8	-25	82.9	35.57	82.9	36.66	82.5	37.42	82.5	37.78	82.5	39.60	81.6	37.78
	-21.8	-22	97.9	36.66	97.9	37.75	97.9	38.51	97.9	39.60	97.9	37.78	94.2	36.05
	-19.8	-20	102.0	37.39	102.0	38.46	102.0	39.60	102.0	38.30	100.8	36.57	94.2	34.90
	-18.8	-19	104.3	37.75	104.3	39.60	104.3	38.93	103.8	37.66	101.2	35.96	94.2	34.32
	-16.7	-17	108.2	39.60	108.2	38.21	108.2	37.56	105.0	36.32	101.2	34.69	94.2	33.11
	-13.7	-15	113.1	37.54	111.0	36.24	108.2	35.58	105.0	34.37	101.2	32.87	94.2	31.38
	-11.8	-13	116.5	36.22	113.0	34.98	108.2	34.32	105.0	33.14	101.2	31.72	94.2	30.27
	-9.8	-11	119.6	34.84	114.5	33.66	108.2	33.00	105.0	31.86	101.2	30.51	94.2	29.12
	-9.5	-10	120.3	34.64	115.0	33.46	108.2	32.80	105.0	31.67	101.2	30.32	94.2	28.94
	-8.5	-9.1	121.5	33.96	115.4	32.81	108.2	32.15	105.0	31.02	101.2	29.71	94.2	28.37
	-7.0	-7.6	122.4	32.92	115.4	31.82	108.2	31.15	105.0	30.05	101.2	28.82	94.2	27.50
	-5.0	-5.6	122.4	31.54	115.4	30.51	108.2	29.85	105.0	28.75	101.2	27.59	94.2	26.35
	-3.0	-3.7	122.4	30.16	115.4	29.19	108.2	28.52	105.0	27.48	101.2	26.39	94.2	25.18
	0.0	-0.7	122.4	28.09	115.4	27.22	108.2	26.55	105.0	25.53	101.2	24.56	94.2	23.45
	3.0	2.2	122.4	26.03	115.4	25.23	108.2	24.57	105.0	23.59	101.2	22.74	94.2	21.72
	5.0	4.1	120.0	22.30	113.0	21.62	106.1	21.01	102.9	20.15	99.1	19.44	92.4	18.57
	7.0	6	116.9	20.71	110.2	20.12	103.3	19.53	100.4	18.71	96.6	18.09	90.0	17.27
	9.0	7.9	112.6	17.96	106.1	17.47	99.7	17.05	96.6	16.42	93.1	15.83	86.7	15.08
	11.0	9.8	106.4	15.46	100.4	15.04	94.2	14.69	91.4	14.13	88.2	13.62	81.9	12.97
	13.0	11.8	100.0	12.93	94.2	12.58	88.5	12.29	85.8	11.81	82.7	11.40	77.0	10.85
	15.0	13.7	94.5	11.13	89.2	10.84	83.7	10.57	81.2	10.17	78.3	9.80	72.8	9.34

7. Capacity Tables

Heating Capacity (42HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	82.9	36.19	82.9	36.54	82.5	37.28	82.5	38.37	82.5	36.45	80.5	34.64
	-21.8	-22	92.8	37.28	92.8	37.63	92.1	38.37	89.0	36.45	86.4	34.64	80.5	32.91
	-19.8	-20	99.2	38.01	98.0	38.37	92.1	37.01	89.0	35.16	86.4	33.44	80.5	31.78
	-18.8	-19	102.0	38.37	98.0	37.65	92.1	36.32	89.0	34.51	86.4	32.85	80.5	31.19
	-16.7	-17	103.7	36.89	98.0	36.17	92.1	34.90	89.0	33.17	86.4	31.59	80.5	29.99
	-13.7	-15	103.7	34.79	98.0	34.06	92.1	32.86	89.0	31.23	86.4	29.80	80.5	28.27
	-11.8	-13	103.7	33.44	98.0	32.71	92.1	31.57	89.0	30.01	86.4	28.65	80.5	27.17
	-9.8	-11	103.7	32.06	98.0	31.32	92.1	30.22	89.0	28.73	86.4	27.46	80.5	26.02
	-9.5	-10	103.7	31.83	98.0	31.09	92.1	30.02	89.0	28.55	86.4	27.29	80.5	25.85
	-8.5	-9.1	103.7	31.14	98.0	30.40	92.1	29.33	89.0	27.90	86.4	26.69	80.5	25.28
	-7.0	-7.6	103.7	30.09	98.0	29.34	92.1	28.31	89.0	26.94	86.4	25.80	80.5	24.42
	-5.0	-5.6	103.7	28.68	98.0	27.93	92.1	26.96	89.0	25.65	86.4	24.58	80.5	23.26
	-3.0	-3.7	103.7	27.29	98.0	26.51	92.1	25.60	89.0	24.36	86.4	23.39	80.5	22.11
	0.0	-0.7	103.7	25.18	98.0	24.40	92.1	23.56	89.0	22.44	86.4	21.60	80.5	20.38
	3.0	2.2	103.7	23.08	98.0	22.27	92.1	21.52	89.0	20.52	86.4	19.81	80.5	18.66
	5.0	4.1	103.7	20.03	95.9	18.88	90.3	18.24	87.2	17.38	84.7	16.80	79.0	15.83
	7.0	6	103.9	18.95	93.5	17.30	88.1	16.74	85.0	15.98	82.6	15.50	77.0	14.57
	9.0	7.9	100.1	15.97	90.2	14.59	84.7	14.11	81.9	13.46	79.5	13.05	74.2	12.28
	11.0	9.8	94.6	13.72	85.3	12.54	80.2	12.13	77.4	11.58	75.2	11.23	70.0	10.54
	13.0	11.8	88.9	11.57	80.1	10.59	75.3	10.22	72.8	9.77	70.6	9.48	65.8	8.90
	15.0	13.7	84.0	9.86	75.7	9.00	71.3	8.71	68.9	8.30	66.8	8.06	62.3	7.57
60	-24.8	-25	79.5	35.45	79.5	36.19	79.1	37.28	76.3	35.28	73.8	33.40	69.0	31.65
	-21.8	-22	85.1	36.54	84.3	37.28	79.1	35.28	76.3	33.40	73.8	31.65	69.0	29.96
	-19.8	-20	89.0	37.28	84.3	35.86	79.1	33.94	76.3	32.15	73.8	30.47	69.0	28.84
	-18.8	-19	89.0	36.57	84.3	35.15	79.1	33.27	76.3	31.52	73.8	29.89	69.0	28.27
	-16.7	-17	89.0	35.05	84.3	33.65	79.1	31.88	76.3	30.23	73.8	28.67	69.0	27.09
	-13.7	-15	89.0	32.88	84.3	31.52	79.1	29.87	76.3	28.35	73.8	26.92	69.0	25.40
	-11.8	-13	89.0	31.52	84.3	30.18	79.1	28.59	76.3	27.16	73.8	25.81	69.0	24.35
	-9.8	-11	89.0	30.08	84.3	28.76	79.1	27.27	76.3	25.92	73.8	24.63	69.0	23.21
	-9.5	-10	89.0	29.85	84.3	28.56	79.1	27.07	76.3	25.72	73.8	24.46	69.0	23.04
	-8.5	-9.1	89.0	29.14	84.3	27.85	79.1	26.40	76.3	25.11	73.8	23.86	69.0	22.49
	-7.0	-7.6	89.0	28.06	84.3	26.78	79.1	25.39	76.3	24.17	73.8	22.98	69.0	21.65
	-5.0	-5.6	89.0	26.62	84.3	25.36	79.1	24.07	76.3	22.92	73.8	21.83	69.0	20.51
	-3.0	-3.7	89.0	25.18	84.3	23.94	79.1	22.73	76.3	21.67	73.8	20.65	69.0	19.39
	0.0	-0.7	89.0	23.02	84.3	21.80	79.1	20.73	76.3	19.79	73.8	18.90	69.0	17.70
	3.0	2.2	89.0	20.87	84.3	19.68	79.1	18.72	76.3	17.93	73.8	17.14	69.0	16.01
	5.0	4.1	87.2	17.60	82.6	16.54	77.4	15.74	74.9	15.09	72.2	14.45	67.6	13.48
	7.0	6	85.0	15.99	80.5	14.99	75.5	14.29	72.9	13.74	70.4	13.17	65.8	12.26
	9.0	7.9	81.9	13.35	77.6	12.49	72.8	11.91	70.3	11.45	67.9	10.98	63.4	10.21
	11.0	9.8	77.4	11.47	73.2	10.74	68.7	10.23	66.5	9.84	64.1	9.44	60.1	8.78
	13.0	11.8	72.8	9.67	68.9	9.07	64.5	8.63	62.3	8.31	60.2	7.96	56.4	7.41
	15.0	13.7	68.9	8.30	65.1	7.78	61.2	7.33	59.1	7.05	57.0	6.77	53.3	6.36
50	-24.8	-25	74.2	31.78	70.0	32.87	65.8	31.06	63.7	29.35	61.6	27.76	57.4	26.28
	-21.8	-22	74.2	32.87	70.0	31.06	65.8	29.35	63.7	27.76	61.6	26.28	57.4	24.86
	-19.8	-20	74.2	31.59	70.0	29.84	65.8	28.23	63.7	26.68	61.6	25.29	57.4	23.90
	-18.8	-19	74.2	30.96	70.0	29.22	65.8	27.67	63.7	26.16	61.6	24.80	57.4	23.44
	-16.7	-17	74.2	29.62	70.0	27.97	65.8	26.48	63.7	25.04	61.6	23.75	57.4	22.44
	-13.7	-15	74.2	27.71	70.0	26.13	65.8	24.78	63.7	23.45	61.6	22.26	57.4	21.02
	-11.8	-13	74.2	26.50	70.0	24.98	65.8	23.69	63.7	22.43	61.6	21.33	57.4	20.13
	-9.8	-11	74.2	25.22	70.0	23.77	65.8	22.57	63.7	21.37	61.6	20.34	57.4	19.17
	-9.5	-10	74.2	25.03	70.0	23.60	65.8	22.40	63.7	21.21	61.6	20.20	57.4	19.04
	-8.5	-9.1	74.2	24.38	70.0	22.98	65.8	21.84	63.7	20.68	61.6	19.71	57.4	18.57
	-7.0	-7.6	74.2	23.43	70.0	22.08	65.8	20.99	63.7	19.88	61.6	18.96	57.4	17.85
	-5.0	-5.6	74.2	22.15	70.0	20.87	65.8	19.87	63.7	18.81	61.6	17.97	57.4	16.92
	-3.0	-3.7	74.2	20.87	70.0	19.65	65.8	18.72	63.7	17.75	61.6	16.98	57.4	15.96
	0.0	-0.7	74.2	18.97	70.0	17.82	65.8	17.04	63.7	16.16	61.6	15.49	57.4	14.54
	3.0	2.2	74.2	17.06	70.0	16.01	65.8	15.33	63.7	14.55	61.6	14.01	57.4	13.12
	5.0	4.1	72.8	14.30	68.6	13.38	64.5	12.86	62.4	12.21	60.5	11.78	56.3	11.02
	7.0	6	71.0	12.92	66.9	12.09	62.9	11.64	60.9	11.06	58.8	10.72	54.9	9.99
	9.0	7.9	68.3	10.87	64.4	10.18	60.6	9.80	58.7	9.32	56.7	9.04	52.8	8.42
	11.0	9.8	65.0	9.46	61.3	8.85	57.5	8.53	55.4	8.09	53.6	7.85	50.0	7.32
	13.0	11.8	60.6	7.89	57.3	7.38	53.9	7.11	52.1	6.79	50.4	6.55	46.9	6.16
	15.0	13.7	57.4	6.80	54.2	6.36	50.8	6.12	49.3	5.83	47.6	5.63	44.4	5.25

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM440LTE5

Heating Capacity (44HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	87.3	44.08	87.3	44.57	86.8	45.01	86.8	45.66	86.8	46.31	85.9	47.30
	-21.8	-22	104.8	45.08	104.8	45.57	104.1	46.01	104.1	46.66	104.1	47.30	103.0	48.28
	-19.8	-20	109.9	45.73	109.9	46.24	109.1	46.66	109.1	47.33	109.1	47.95	108.0	48.95
	-18.8	-19	112.3	46.07	112.3	46.56	111.6	47.00	111.6	47.65	111.6	48.28	110.4	49.27
	-16.7	-17	117.6	46.77	117.6	47.26	116.9	47.70	116.9	48.35	116.9	48.97	115.5	49.97
	-13.7	-15	125.1	47.77	125.1	48.25	124.4	48.69	124.4	49.34	124.4	49.97	122.9	47.87
	-11.8	-13	129.2	48.39	129.2	48.88	128.4	49.32	128.4	49.97	128.4	48.55	127.5	46.54
	-9.8	-11	133.5	49.04	133.5	49.55	132.6	49.97	132.6	48.44	132.6	47.05	131.8	45.15
	-9.5	-10	134.3	49.16	134.3	49.64	133.5	49.74	133.5	48.20	133.3	46.82	132.5	44.93
	-8.5	-9.1	137.3	49.48	137.3	49.97	136.5	48.93	136.5	47.43	135.4	46.06	134.8	44.22
	-7.0	-7.6	141.9	49.97	141.9	48.77	140.9	47.74	140.9	46.26	140.9	44.94	139.4	43.18
	-5.0	-5.6	147.8	48.39	147.8	47.19	146.8	46.13	146.8	44.72	146.8	43.44	144.1	41.77
	-3.0	-3.7	153.8	46.80	153.8	45.59	152.8	44.53	152.8	43.17	152.8	41.93	149.0	40.37
	0.0	-0.7	162.5	44.42	162.5	43.20	161.7	42.12	161.7	40.86	161.7	39.67	155.8	38.27
	3.0	2.2	171.5	42.04	171.5	40.80	170.4	39.72	170.4	38.54	167.4	37.40	156.5	36.17
	5.0	4.1	173.2	36.78	172.9	35.60	172.0	34.58	169.6	33.51	164.7	32.49	153.3	31.42
	7.0	6	171.1	34.58	170.8	33.47	169.9	32.50	166.4	31.55	160.6	30.61	149.5	29.70
	9.0	7.9	165.1	31.89	164.7	30.86	164.3	29.96	160.2	29.08	154.7	28.23	144.0	27.39
	11.0	9.8	156.2	29.58	155.8	28.64	155.4	27.79	151.5	26.98	146.3	26.19	136.1	25.40
	13.0	11.8	146.7	26.88	146.3	26.01	145.9	25.26	142.3	24.52	137.4	23.80	127.9	23.07
	15.0	13.7	138.7	24.57	138.5	23.77	137.9	23.09	134.6	22.41	129.9	21.76	121.0	21.09
120	-24.8	-25	86.8	44.57	86.8	45.01	86.1	45.66	86.1	46.31	86.1	47.30	85.2	48.00
	-21.8	-22	104.1	45.57	104.1	46.01	103.4	46.66	103.4	47.30	103.4	48.28	102.3	48.97
	-19.8	-20	109.1	46.24	109.1	46.66	108.4	47.33	108.4	47.95	108.4	48.95	107.2	49.64
	-18.8	-19	111.6	46.56	111.6	47.00	110.9	47.65	110.9	48.28	110.9	49.27	109.7	49.97
	-16.7	-17	116.9	47.26	116.9	47.70	116.1	48.35	116.1	48.97	116.1	49.97	114.7	48.63
	-13.7	-15	124.1	48.25	124.1	48.69	123.4	49.34	123.4	49.97	123.4	47.94	122.1	46.70
	-11.8	-13	128.2	48.88	128.2	49.32	127.4	49.97	127.4	48.53	127.4	46.66	126.5	45.47
	-9.8	-11	132.5	49.55	132.5	49.97	131.7	48.38	131.7	47.02	131.7	45.31	131.0	44.18
	-9.5	-10	133.5	49.64	133.5	49.72	132.7	48.15	132.7	46.79	132.7	45.11	131.9	43.99
	-8.5	-9.1	136.4	49.97	136.4	48.86	135.5	47.33	135.5	46.03	135.5	44.44	134.6	43.34
	-7.0	-7.6	140.8	48.69	140.8	47.59	140.0	46.15	140.0	44.90	139.6	43.42	138.3	42.37
	-5.0	-5.6	146.8	46.97	146.8	45.89	145.7	44.55	145.7	43.37	145.7	42.07	143.3	41.08
	-3.0	-3.7	152.7	45.25	152.7	44.19	151.7	42.94	151.7	41.86	151.7	40.72	147.0	39.79
	0.0	-0.7	161.4	42.67	161.4	41.63	160.4	40.55	160.4	39.59	158.0	38.69	147.0	37.86
	3.0	2.2	170.4	40.08	170.4	39.07	167.5	38.16	163.2	37.32	158.1	36.67	147.0	35.94
	5.0	4.1	172.0	34.85	170.5	33.90	165.4	33.11	159.9	32.40	155.1	31.89	144.1	31.26
	7.0	6	169.9	32.61	167.9	31.74	161.3	31.10	155.9	30.52	151.1	30.23	140.4	29.69
	9.0	7.9	163.9	30.01	161.7	29.20	155.4	28.63	150.3	28.07	145.6	27.80	135.2	27.30
	11.0	9.8	155.1	27.78	152.9	27.01	147.0	26.48	142.0	25.97	137.6	25.74	127.9	25.27
	13.0	11.8	145.6	25.16	143.7	24.47	137.9	23.99	133.4	23.53	129.4	23.32	120.0	22.90
	15.0	13.7	137.8	22.92	136.0	22.29	130.5	21.86	126.2	21.45	122.4	21.25	113.6	20.86
110	-24.8	-25	86.2	45.01	86.2	45.66	85.7	46.31	85.7	47.30	85.7	48.00	84.8	48.32
	-21.8	-22	103.6	46.01	103.6	46.66	102.9	47.30	102.9	48.28	102.9	48.97	101.8	49.32
	-19.8	-20	108.4	46.66	108.4	47.33	107.9	47.95	107.9	48.95	107.9	49.64	106.5	49.97
	-18.8	-19	110.9	47.00	110.9	47.65	110.2	48.28	110.2	49.27	110.2	49.97	109.0	49.27
	-16.7	-17	116.2	47.70	116.2	48.35	115.4	48.97	115.4	49.97	115.4	48.53	114.0	47.80
	-13.7	-15	123.6	48.69	123.6	49.34	122.6	49.97	122.6	47.78	122.6	46.45	122.6	45.69
	-11.8	-13	127.6	49.32	127.6	49.97	126.7	48.41	126.7	46.39	126.7	45.14	126.7	44.37
	-9.8	-11	131.8	49.97	131.8	48.22	131.0	46.78	131.0	44.92	131.0	43.77	130.6	42.96
	-9.5	-10	132.7	49.68	132.7	47.93	132.0	46.53	132.0	44.70	132.0	43.57	131.7	42.74
	-8.5	-9.1	135.7	48.74	135.7	47.06	134.7	45.72	134.7	43.95	134.7	42.86	132.3	42.05
	-7.0	-7.6	140.1	47.29	140.1	45.73	139.3	44.48	139.3	42.85	139.3	41.84	132.3	41.00
	-5.0	-5.6	146.0	45.37	146.0	43.96	145.0	42.84	145.0	41.39	141.6	40.45	132.3	39.59
	-3.0	-3.7	151.7	43.47	151.7	42.21	150.5	41.19	146.6	39.92	141.6	39.07	132.3	38.20
	0.0	-0.7	160.6	40.58	159.8	39.56	151.5	38.73	146.6	37.71	141.6	37.01	132.3	36.09
	3.0	2.2	168.5	37.71	161.4	36.89	151.5	36.26	146.6	35.53	141.6	34.93	132.3	33.99
	5.0	4.1	167.5	32.50	158.3	31.85	148.5	31.35	143.7	30.78	138.9	30.28	129.7	29.41
	7.0	6	163.2	30.15	154.3	29.70	144.8	29.36	140.0	29.01	135.3	28.64	126.4	27.74
	9.0	7.9	157.2	27.60	148.5	27.18	139.4	26.87	134.9	26.56	130.2	26.22	121.7	25.41
	11.0	9.8	148.6	25.40	140.5	25.02	131.9	24.73	127.6	24.44	123.2	24.13	115.1	23.37
	13.0	11.8	139.6	22.87	132.0	22.52	123.9	22.25	119.8	21.98	115.8	21.70	108.1	21.04
	15.0	13.7	132.0	20.65	124.7	20.35	117.3	20.12	113.3	19.88	109.6	19.61	102.3	19.01

7. Capacity Tables

Heating Capacity (44HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	85.8	50.03	85.8	50.02	85.4	47.21	85.4	50.00	85.4	50.00	84.4	49.99
	-21.8	-22	103.0	50.03	103.0	50.01	102.5	48.70	102.5	50.00	102.5	50.69	101.2	49.99
	-19.8	-20	108.0	50.01	108.0	49.99	107.3	49.65	107.3	49.98	107.3	50.21	106.1	49.97
	-18.8	-19	110.5	50.00	109.8	50.01	109.8	50.00	109.8	49.97	109.8	49.97	108.6	49.13
	-16.7	-17	115.0	50.00	115.0	50.00	115.0	50.69	114.3	49.97	114.3	48.23	112.9	47.38
	-13.7	-15	122.9	49.99	122.9	49.98	122.2	49.97	122.2	47.44	122.2	45.75	120.9	44.86
	-11.8	-13	126.9	49.99	126.2	49.97	126.2	48.26	126.2	45.82	126.2	44.16	120.9	43.25
	-9.8	-11	131.1	49.97	131.1	48.04	130.6	46.45	130.6	44.13	129.8	42.51	120.9	41.57
	-9.5	-10	132.0	49.67	132.0	47.74	131.3	46.16	131.3	43.87	129.8	42.26	120.9	41.33
	-8.5	-9.1	135.0	48.64	135.0	46.79	134.3	45.27	134.2	43.01	129.8	41.42	120.9	40.49
	-7.0	-7.6	141.6	47.11	141.1	45.32	138.6	43.89	134.2	41.74	129.8	40.18	120.9	39.22
	-5.0	-5.6	147.8	45.06	146.3	43.39	138.6	42.08	134.2	40.05	129.8	38.52	120.9	37.55
	-3.0	-3.7	152.1	43.02	147.4	41.46	138.6	40.28	134.2	38.34	129.8	36.87	120.9	35.87
	0.0	-0.7	156.3	39.96	147.4	38.55	138.6	37.55	134.2	35.81	129.8	34.37	120.9	33.35
	3.0	2.2	156.3	36.88	147.4	35.64	138.6	34.83	134.2	33.26	129.8	31.90	120.9	30.83
	5.0	4.1	153.2	31.66	144.5	30.57	135.7	29.92	131.6	28.55	127.2	27.33	118.4	26.35
	7.0	6	149.3	29.18	140.8	28.27	132.4	27.77	128.0	26.57	123.9	25.43	115.5	24.45
	9.0	7.9	143.8	26.50	135.7	25.66	127.6	25.21	123.5	24.12	119.5	23.07	111.1	22.18
	11.0	9.8	136.0	24.13	128.3	23.36	120.6	22.97	116.7	21.96	112.9	21.02	105.2	20.21
	13.0	11.8	127.7	21.45	120.6	20.78	113.3	20.42	109.6	19.54	106.0	18.68	98.7	17.96
	15.0	13.7	120.9	19.11	114.0	18.50	107.1	18.18	103.7	17.40	100.2	16.65	93.5	16.01
90	-24.8	-25	85.5	44.38	85.5	45.37	85.0	46.07	85.0	46.39	85.0	47.07	84.1	48.06
	-21.8	-22	102.6	45.37	102.6	46.37	102.1	47.07	102.1	47.39	102.1	48.06	100.8	45.87
	-19.8	-20	107.6	46.05	107.6	47.02	106.9	47.72	106.9	48.06	106.9	46.56	105.8	44.43
	-18.8	-19	110.5	46.37	109.8	47.37	109.4	48.06	109.4	47.28	109.4	45.81	108.2	43.70
	-16.7	-17	115.0	47.07	115.0	48.06	114.4	46.44	114.4	45.65	114.4	44.24	110.4	42.18
	-13.7	-15	122.9	48.06	122.9	45.64	121.8	44.14	121.8	43.34	118.9	41.99	110.4	40.00
	-11.8	-13	126.9	46.39	126.2	44.12	125.8	42.68	122.9	41.87	118.9	40.56	110.4	38.62
	-9.8	-11	131.1	44.65	131.1	42.53	126.8	41.16	122.9	40.31	118.9	39.08	110.4	37.17
	-9.5	-10	132.0	44.38	132.0	42.27	126.8	40.92	122.9	40.07	118.9	38.85	110.4	36.96
	-8.5	-9.1	135.0	43.51	133.9	41.49	126.8	40.15	122.9	39.30	118.9	38.10	110.4	36.22
	-7.0	-7.6	141.6	42.20	134.6	40.28	126.8	39.00	122.9	38.14	118.9	36.97	110.4	35.14
	-5.0	-5.6	143.1	40.45	134.6	38.67	126.8	37.47	122.9	36.60	118.9	35.47	110.4	33.70
	-3.0	-3.7	143.1	38.71	134.6	37.07	126.8	35.94	122.9	35.04	118.9	33.97	110.4	32.23
	0.0	-0.7	143.1	36.09	134.6	34.65	126.8	33.64	122.9	32.72	118.9	31.74	110.4	30.06
	3.0	2.2	143.1	33.46	134.6	32.26	126.8	31.34	122.9	30.41	118.9	29.49	110.4	27.89
	5.0	4.1	140.4	28.73	132.0	27.73	124.3	26.92	120.3	26.08	116.6	25.27	108.2	23.85
	7.0	6	136.7	26.67	128.7	25.85	121.0	25.16	117.3	24.30	113.6	23.58	105.6	22.22
	9.0	7.9	131.7	24.21	123.9	23.47	116.6	22.83	113.0	22.06	109.3	21.40	101.6	20.18
	11.0	9.8	124.6	21.84	117.3	21.15	110.3	20.59	107.0	19.89	103.4	19.30	96.1	18.19
	13.0	11.8	117.0	19.02	110.0	18.43	103.7	17.95	100.4	17.32	97.2	16.81	90.2	15.85
	15.0	13.7	110.7	16.75	104.1	16.25	98.0	15.81	95.0	15.27	92.0	14.82	85.4	13.97
80	-24.8	-25	85.1	38.93	85.1	39.93	84.7	40.63	84.7	40.95	84.7	42.62	83.7	40.70
	-21.8	-22	101.5	39.93	101.5	40.93	101.5	41.62	101.5	42.62	101.5	40.70	98.7	38.87
	-19.8	-20	106.5	40.60	106.5	41.58	106.5	42.62	106.5	41.25	105.6	39.42	98.7	37.65
	-18.8	-19	109.0	40.93	109.0	42.62	109.0	41.91	108.8	40.57	106.0	38.78	98.7	37.04
	-16.7	-17	113.4	42.62	113.4	41.16	113.4	40.47	110.0	39.16	106.0	37.44	98.7	35.76
	-13.7	-15	118.5	40.46	116.3	39.09	113.4	38.39	110.0	37.11	106.0	35.52	98.7	33.93
	-11.8	-13	121.7	39.08	118.1	37.77	113.4	37.07	110.0	35.82	106.0	34.31	98.7	32.76
	-9.8	-11	125.0	37.63	119.8	36.39	113.4	35.68	110.0	34.47	106.0	33.04	98.7	31.55
	-9.5	-10	125.8	37.42	120.3	36.18	113.4	35.47	110.0	34.27	106.0	32.84	98.7	31.35
	-8.5	-9.1	127.1	36.71	120.9	35.50	113.4	34.79	110.0	33.58	106.0	32.19	98.7	30.76
	-7.0	-7.6	128.3	35.63	120.9	34.45	113.4	33.74	110.0	32.56	106.0	31.25	98.7	29.83
	-5.0	-5.6	128.3	34.18	120.9	33.09	113.4	32.37	110.0	31.20	106.0	29.95	98.7	28.62
	-3.0	-3.7	128.3	32.73	120.9	31.70	113.4	30.98	110.0	29.85	106.0	28.68	98.7	27.38
	0.0	-0.7	128.3	30.57	120.9	29.63	113.4	28.90	110.0	27.81	106.0	26.76	98.7	25.55
	3.0	2.2	128.3	28.41	120.9	27.54	113.4	26.82	110.0	25.76	106.0	24.84	98.7	23.73
	5.0	4.1	125.7	24.39	118.4	23.65	111.1	22.98	107.8	22.04	103.8	21.27	96.8	20.32
	7.0	6	122.4	22.71	115.4	22.06	108.2	21.42	105.2	20.52	101.2	19.84	94.2	18.94
	9.0	7.9	118.0	20.00	111.1	19.44	104.4	18.97	101.2	18.26	97.6	17.61	90.9	16.77
	11.0	9.8	111.5	17.47	105.2	16.99	98.7	16.59	95.7	15.95	92.3	15.38	85.8	14.64
	13.0	11.8	104.8	14.88	98.7	14.47	92.7	14.13	89.9	13.58	86.6	13.10	80.7	12.47
	15.0	13.7	99.0	13.10	93.5	12.75	87.7	12.43	85.1	11.96	82.1	11.52	76.3	10.98

7. Capacity Tables

Heating Capacity (44HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	85.1	39.32	85.1	39.65	84.7	40.32	84.7	41.31	84.7	39.28	83.5	37.36
	-21.8	-22	97.2	40.32	97.2	40.64	96.5	41.31	93.2	39.28	90.5	37.36	84.4	35.53
	-19.8	-20	105.2	40.99	102.7	41.31	96.5	39.88	93.2	37.92	90.5	36.10	84.4	34.32
	-18.8	-19	108.2	41.31	102.7	40.56	96.5	39.15	93.2	37.22	90.5	35.46	84.4	33.70
	-16.7	-17	108.6	39.76	102.7	38.99	96.5	37.65	93.2	35.81	90.5	34.13	84.4	32.42
	-13.7	-15	108.6	37.54	102.7	36.76	96.5	35.49	93.2	33.76	90.5	32.23	84.4	30.59
	-11.8	-13	108.6	36.12	102.7	35.34	96.5	34.13	93.2	32.46	90.5	31.01	84.4	29.43
	-9.8	-11	108.6	34.66	102.7	33.86	96.5	32.69	93.2	31.10	90.5	29.75	84.4	28.20
	-9.5	-10	108.6	34.42	102.7	33.63	96.5	32.48	93.2	30.91	90.5	29.57	84.4	28.02
	-8.5	-9.1	108.6	33.69	102.7	32.89	96.5	31.76	93.2	30.22	90.5	28.93	84.4	27.42
	-7.0	-7.6	108.6	32.58	102.7	31.78	96.5	30.68	93.2	29.21	90.5	27.98	84.4	26.50
	-5.0	-5.6	108.6	31.10	102.7	30.28	96.5	29.24	93.2	27.84	90.5	26.70	84.4	25.28
	-3.0	-3.7	108.6	29.63	102.7	28.79	96.5	27.81	93.2	26.48	90.5	25.43	84.4	24.05
	0.0	-0.7	108.6	27.41	102.7	26.56	96.5	25.65	93.2	24.45	90.5	23.53	84.4	22.22
	3.0	2.2	108.6	25.19	102.7	24.31	96.5	23.49	93.2	22.41	90.5	21.64	84.4	20.38
	5.0	4.1	108.6	21.91	100.5	20.65	94.6	19.94	91.3	19.01	88.7	18.39	82.8	17.33
	7.0	6	108.9	20.78	98.0	18.98	92.3	18.36	89.1	17.53	86.5	17.00	80.7	15.98
	9.0	7.9	104.9	17.73	94.5	16.20	88.8	15.66	85.8	14.94	83.2	14.49	77.7	13.63
	11.0	9.8	99.1	15.46	89.4	14.13	84.0	13.66	81.1	13.04	78.8	12.65	73.4	11.88
	13.0	11.8	93.1	13.28	83.9	12.15	78.9	11.73	76.2	11.20	74.0	10.88	69.0	10.21
	15.0	13.7	88.0	11.56	79.3	10.56	74.7	10.22	72.2	9.74	70.0	9.45	65.3	8.89
60	-24.8	-25	83.3	38.58	83.3	39.25	82.8	40.25	80.0	38.12	77.3	36.11	72.3	34.24
	-21.8	-22	89.2	39.58	88.3	40.25	82.8	38.12	80.0	36.11	77.3	34.24	72.3	32.43
	-19.8	-20	93.2	40.25	88.3	38.74	82.8	36.69	80.0	34.78	77.3	32.98	72.3	31.23
	-18.8	-19	93.2	39.49	88.3	37.99	82.8	35.98	80.0	34.11	77.3	32.36	72.3	30.62
	-16.7	-17	93.2	37.88	88.3	36.38	82.8	34.49	80.0	32.72	77.3	31.06	72.3	29.36
	-13.7	-15	93.2	35.57	88.3	34.12	82.8	32.34	80.0	30.72	77.3	29.18	72.3	27.55
	-11.8	-13	93.2	34.13	88.3	32.68	82.8	30.98	80.0	29.45	77.3	27.99	72.3	26.42
	-9.8	-11	93.2	32.59	88.3	31.17	82.8	29.57	80.0	28.12	77.3	26.74	72.3	25.20
	-9.5	-10	93.2	32.35	88.3	30.95	82.8	29.36	80.0	27.91	77.3	26.55	72.3	25.02
	-8.5	-9.1	93.2	31.59	88.3	30.20	82.8	28.64	80.0	27.26	77.3	25.92	72.3	24.43
	-7.0	-7.6	93.2	30.45	88.3	29.06	82.8	27.57	80.0	26.25	77.3	24.98	72.3	23.53
	-5.0	-5.6	93.2	28.91	88.3	27.55	82.8	26.16	80.0	24.92	77.3	23.74	72.3	22.31
	-3.0	-3.7	93.2	27.38	88.3	26.04	82.8	24.73	80.0	23.59	77.3	22.48	72.3	21.11
	0.0	-0.7	93.2	25.08	88.3	23.75	82.8	22.60	80.0	21.58	77.3	20.61	72.3	19.31
	3.0	2.2	93.2	22.79	88.3	21.49	82.8	20.45	80.0	19.59	77.3	18.73	72.3	17.50
	5.0	4.1	91.3	19.25	86.5	18.09	81.1	17.22	78.4	16.52	75.6	15.81	70.8	14.75
	7.0	6	89.1	17.54	84.3	16.44	79.1	15.68	76.3	15.07	73.7	14.44	69.0	13.44
	9.0	7.9	85.8	14.82	81.3	13.87	76.2	13.22	73.7	12.71	71.1	12.19	66.4	11.34
	11.0	9.8	81.1	12.92	76.7	12.10	71.9	11.53	69.6	11.09	67.2	10.63	63.0	9.89
	13.0	11.8	76.2	11.09	72.2	10.40	67.5	9.90	65.3	9.53	63.1	9.13	59.0	8.50
	15.0	13.7	72.2	9.74	68.2	9.13	64.1	8.61	61.9	8.28	59.7	7.94	55.8	7.46
50	-24.8	-25	77.8	34.38	73.4	35.37	69.0	33.45	66.8	31.64	64.5	29.95	60.1	28.37
	-21.8	-22	77.8	35.37	73.4	33.45	69.0	31.64	66.8	29.95	64.5	28.37	60.1	26.85
	-19.8	-20	77.8	34.02	73.4	32.16	69.0	30.44	66.8	28.80	64.5	27.31	60.1	25.83
	-18.8	-19	77.8	33.35	73.4	31.50	69.0	29.85	66.8	28.24	64.5	26.79	60.1	25.34
	-16.7	-17	77.8	31.93	73.4	30.17	69.0	28.59	66.8	27.04	64.5	25.67	60.1	24.28
	-13.7	-15	77.8	29.91	73.4	28.22	69.0	26.77	66.8	25.35	64.5	24.09	60.1	22.76
	-11.8	-13	77.8	28.62	73.4	27.00	69.0	25.63	66.8	24.27	64.5	23.10	60.1	21.81
	-9.8	-11	77.8	27.27	73.4	25.71	69.0	24.43	66.8	23.14	64.5	22.04	60.1	20.79
	-9.5	-10	77.8	27.06	73.4	25.53	69.0	24.25	66.8	22.97	64.5	21.90	60.1	20.64
	-8.5	-9.1	77.8	26.38	73.4	24.87	69.0	23.66	66.8	22.41	64.5	21.37	60.1	20.14
	-7.0	-7.6	77.8	25.36	73.4	23.92	69.0	22.75	66.8	21.56	64.5	20.57	60.1	19.38
	-5.0	-5.6	77.8	24.01	73.4	22.63	69.0	21.56	66.8	20.42	64.5	19.52	60.1	18.38
	-3.0	-3.7	77.8	22.66	73.4	21.34	69.0	20.34	66.8	19.29	64.5	18.46	60.1	17.36
	0.0	-0.7	77.8	20.64	73.4	19.39	69.0	18.55	66.8	17.60	64.5	16.88	60.1	15.85
	3.0	2.2	77.8	18.61	73.4	17.47	69.0	16.74	66.8	15.89	64.5	15.30	60.1	14.33
	5.0	4.1	76.3	15.63	71.9	14.64	67.5	14.07	65.3	13.36	63.4	12.89	59.0	12.06
	7.0	6	74.4	14.16	70.1	13.26	65.9	12.77	63.8	12.13	61.6	11.75	57.5	10.96
	9.0	7.9	71.5	12.07	67.5	11.30	63.4	10.88	61.5	10.34	59.4	10.03	55.4	9.35
	11.0	9.8	68.1	10.66	64.2	9.97	60.2	9.61	58.0	9.12	56.1	8.84	52.4	8.25
	13.0	11.8	63.5	9.05	60.1	8.47	56.4	8.15	54.6	7.79	52.8	7.51	49.1	7.06
	15.0	13.7	60.1	7.98	56.8	7.46	53.2	7.18	51.7	6.84	49.9	6.61	46.5	6.16

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM460LTE5

Heating Capacity (46HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	90.7	45.72	90.7	46.13	90.2	46.50	90.2	47.05	90.2	47.59	88.8	48.42
	-21.8	-22	109.7	46.56	109.7	46.97	108.9	47.34	108.9	47.89	108.9	48.42	107.3	49.25
	-19.8	-20	115.4	47.11	115.4	47.53	114.6	47.89	114.6	48.45	114.6	48.97	112.9	49.81
	-18.8	-19	117.9	47.39	117.9	47.80	117.2	48.17	117.2	48.72	117.2	49.25	115.4	50.08
	-16.7	-17	123.5	47.98	123.5	48.39	122.7	48.76	122.7	49.31	122.7	49.83	120.8	50.67
	-13.7	-15	131.3	48.82	131.3	49.22	130.6	49.59	130.6	50.14	130.6	50.67	128.5	48.68
	-11.8	-13	135.6	49.34	135.6	49.75	134.8	50.12	134.8	50.67	134.8	49.33	133.3	47.42
	-9.8	-11	140.1	49.89	140.1	50.31	139.2	50.67	139.2	49.24	139.2	47.92	138.1	46.10
	-9.5	-10	141.0	49.99	141.0	50.39	140.1	50.45	140.1	49.02	140.0	47.70	138.9	45.89
	-8.5	-9.1	143.9	50.26	143.9	50.67	143.0	49.71	143.0	48.29	142.1	46.99	141.4	45.22
	-7.0	-7.6	148.3	50.67	148.3	49.58	147.3	48.60	147.3	47.20	147.3	45.93	145.7	44.23
	-5.0	-5.6	154.1	49.24	154.1	48.12	153.1	47.12	153.1	45.77	153.1	44.52	150.7	42.90
	-3.0	-3.7	159.9	47.82	159.9	46.66	158.9	45.64	158.9	44.32	158.9	43.10	155.8	41.57
	0.0	-0.7	168.5	45.68	168.5	44.48	167.6	43.41	167.6	42.16	167.6	40.97	162.9	39.58
	3.0	2.2	177.3	43.54	177.3	42.29	176.1	41.19	176.1	39.99	174.6	38.84	163.6	37.58
	5.0	4.1	179.2	38.27	178.9	37.05	177.9	36.00	176.7	34.90	172.2	33.85	160.3	32.75
	7.0	6	178.5	36.20	178.2	35.03	177.2	34.02	173.9	33.03	167.9	32.04	156.2	31.09
	9.0	7.9	172.6	33.58	172.2	32.50	171.8	31.56	167.5	30.63	161.7	29.73	150.5	28.84
	11.0	9.8	163.3	31.38	162.9	30.37	162.4	29.48	158.4	28.62	152.9	27.77	142.3	26.94
	13.0	11.8	153.4	28.74	153.0	27.81	152.5	27.00	148.8	26.22	143.6	25.44	133.7	24.67
	15.0	13.7	145.0	26.51	144.8	25.65	144.2	24.92	140.7	24.19	135.8	23.48	126.5	22.76
120	-24.8	-25	90.1	46.13	90.1	46.50	89.5	47.05	89.5	47.59	89.5	48.42	88.1	49.01
	-21.8	-22	108.9	46.97	108.9	47.34	108.2	47.89	108.2	48.42	108.2	49.25	106.6	49.83
	-19.8	-20	114.5	47.53	114.5	47.89	113.8	48.45	113.8	48.97	113.8	49.81	112.0	50.39
	-18.8	-19	117.2	47.80	117.2	48.17	116.4	48.72	116.4	49.25	116.4	50.08	114.6	50.67
	-16.7	-17	122.7	48.39	122.7	48.76	121.9	49.31	121.9	49.83	121.9	50.67	119.9	49.39
	-13.7	-15	130.3	49.22	130.3	49.59	129.6	50.14	129.6	50.67	129.6	48.75	127.6	47.56
	-11.8	-13	134.6	49.75	134.6	50.12	133.8	50.67	133.8	49.31	133.8	47.54	132.3	46.40
	-9.8	-11	139.1	50.31	139.1	50.67	138.2	49.18	138.2	47.89	138.2	46.27	137.2	45.18
	-9.5	-10	140.1	50.39	140.1	50.44	139.2	48.96	139.2	47.67	139.2	46.08	138.1	45.00
	-8.5	-9.1	142.9	50.67	142.9	49.64	142.0	48.20	142.0	46.96	142.0	45.44	140.8	44.38
	-7.0	-7.6	147.2	49.49	147.2	48.45	146.3	47.09	146.3	45.89	146.1	44.49	144.6	43.46
	-5.0	-5.6	153.0	47.90	153.0	46.86	151.9	45.58	151.9	44.45	151.9	43.21	149.8	42.24
	-3.0	-3.7	158.8	46.31	158.8	45.28	157.8	44.08	157.8	43.03	157.8	41.93	153.7	41.02
	0.0	-0.7	167.3	43.93	167.3	42.89	166.3	41.84	166.3	40.89	165.1	40.02	153.7	39.19
	3.0	2.2	176.1	41.53	176.1	40.50	174.0	39.59	170.7	38.75	165.3	38.11	153.7	37.36
	5.0	4.1	178.1	36.27	177.0	35.29	173.0	34.49	167.2	33.75	162.1	33.25	150.6	32.60
	7.0	6	177.4	34.14	175.5	33.22	168.6	32.56	163.0	31.94	158.0	31.64	146.8	31.08
	9.0	7.9	171.4	31.59	169.1	30.74	162.4	30.14	157.1	29.55	152.2	29.27	141.3	28.74
	11.0	9.8	162.1	29.43	159.9	28.62	153.7	28.07	148.5	27.52	143.9	27.28	133.7	26.78
	13.0	11.8	152.2	26.86	150.2	26.13	144.2	25.62	139.4	25.13	135.2	24.90	125.5	24.45
	15.0	13.7	144.0	24.69	142.1	24.01	136.4	23.55	132.0	23.10	127.9	22.89	118.7	22.47
110	-24.8	-25	89.6	46.50	89.6	47.05	89.0	47.59	89.0	48.42	89.0	49.01	87.7	49.28
	-21.8	-22	108.3	47.34	108.3	47.89	107.6	48.42	107.6	49.25	107.6	49.83	106.0	50.12
	-19.8	-20	113.9	47.89	113.9	48.45	113.2	48.97	113.2	49.81	113.2	50.39	111.4	50.67
	-18.8	-19	116.5	48.17	116.5	48.72	115.7	49.25	115.7	50.08	115.7	50.67	114.0	50.00
	-16.7	-17	122.0	48.76	122.0	49.31	121.2	49.83	121.2	50.67	121.2	49.29	119.2	48.59
	-13.7	-15	129.7	49.59	129.7	50.14	128.8	50.67	128.8	48.58	128.8	47.31	128.8	46.56
	-11.8	-13	133.9	50.12	133.9	50.67	133.1	49.19	133.1	47.26	133.1	46.06	133.1	45.29
	-9.8	-11	138.4	50.67	138.4	49.01	137.5	47.63	137.5	45.85	137.5	44.75	137.1	43.94
	-9.5	-10	139.2	50.40	139.2	48.74	138.5	47.40	138.5	45.65	138.5	44.55	138.0	43.73
	-8.5	-9.1	142.1	49.50	142.1	47.91	141.2	46.63	141.2	44.94	141.2	43.88	138.3	43.07
	-7.0	-7.6	146.5	48.13	146.5	46.65	145.6	45.45	145.6	43.89	145.6	42.90	138.3	42.06
	-5.0	-5.6	152.2	46.32	152.2	44.97	151.2	43.89	151.2	42.50	148.1	41.58	138.3	40.71
	-3.0	-3.7	157.8	44.52	157.8	43.31	156.7	42.33	153.2	41.10	148.1	40.26	138.3	39.37
	0.0	-0.7	166.5	41.80	166.1	40.79	158.4	39.99	153.2	38.99	148.1	38.29	138.3	37.35
	3.0	2.2	174.6	39.08	168.8	38.27	158.4	37.64	153.2	36.91	148.1	36.31	138.3	35.33
	5.0	4.1	175.0	33.83	165.5	33.16	155.3	32.66	150.2	32.08	145.2	31.57	135.5	30.66
	7.0	6	170.6	31.56	161.3	31.09	151.4	30.73	146.3	30.36	141.4	29.98	132.1	29.04
	9.0	7.9	164.3	29.05	155.3	28.61	145.8	28.29	141.0	27.95	136.2	27.60	127.2	26.74
	11.0	9.8	155.4	26.90	146.9	26.50	137.9	26.20	133.4	25.89	128.8	25.56	120.3	24.76
	13.0	11.8	145.9	24.40	138.0	24.03	129.5	23.75	125.2	23.46	121.0	23.16	113.0	22.46
	15.0	13.7	138.0	22.24	130.4	21.91	122.6	21.67	118.5	21.41	114.5	21.12	106.9	20.47

7. Capacity Tables

Heating Capacity (46HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	89.2	51.36	89.2	51.27	88.7	48.15	88.7	51.04	88.7	50.95	87.3	50.90
	-21.8	-22	107.8	51.23	107.8	51.13	107.2	49.66	107.2	50.91	107.2	51.49	105.5	50.77
	-19.8	-20	113.4	51.13	113.4	51.03	112.7	50.62	112.7	50.81	112.7	50.94	110.9	50.67
	-18.8	-19	116.0	51.08	115.3	51.00	115.3	50.91	115.3	50.76	115.3	50.67	113.5	49.85
	-16.7	-17	120.7	50.99	120.7	50.90	120.7	51.49	120.0	50.67	120.0	48.98	118.1	48.14
	-13.7	-15	129.0	50.85	129.0	50.76	128.3	50.67	128.3	48.22	128.3	46.57	126.4	45.69
	-11.8	-13	133.2	50.77	132.5	50.67	132.5	49.03	132.5	46.66	132.5	45.03	126.4	44.13
	-9.8	-11	137.7	50.67	137.7	48.82	137.0	47.29	137.0	45.03	135.7	43.43	126.4	42.49
	-9.5	-10	138.5	50.38	138.5	48.54	137.8	47.02	137.8	44.78	135.7	43.19	126.4	42.25
	-8.5	-9.1	141.4	49.41	141.4	47.62	140.7	46.16	140.3	43.95	135.7	42.38	126.4	41.43
	-7.0	-7.6	148.1	47.95	147.5	46.22	144.9	44.84	140.3	42.72	135.7	41.17	126.4	40.20
	-5.0	-5.6	154.5	46.00	153.0	44.37	144.9	43.10	140.3	41.09	135.7	39.56	126.4	38.57
	-3.0	-3.7	159.0	44.06	154.1	42.52	144.9	41.37	140.3	39.45	135.7	37.96	126.4	36.94
	0.0	-0.7	163.4	41.14	154.1	39.74	144.9	38.75	140.3	37.00	135.7	35.53	126.4	34.48
	3.0	2.2	163.4	38.21	154.1	36.96	144.9	36.15	140.3	34.54	135.7	33.13	126.4	32.03
	5.0	4.1	160.1	32.94	151.1	31.83	141.9	31.16	137.5	29.75	133.0	28.48	123.8	27.46
	7.0	6	156.1	30.55	147.2	29.59	138.4	29.07	133.9	27.82	129.5	26.62	120.7	25.60
	9.0	7.9	150.4	27.92	141.9	27.04	133.4	26.57	129.1	25.41	124.9	24.31	116.2	23.38
	11.0	9.8	142.2	25.62	134.1	24.81	126.1	24.39	122.0	23.33	118.0	22.32	110.0	21.47
	13.0	11.8	133.5	22.99	126.0	22.28	118.4	21.89	114.6	20.94	110.8	20.03	103.2	19.26
	15.0	13.7	126.4	20.72	119.2	20.06	112.0	19.72	108.4	18.87	104.8	18.05	97.7	17.36
90	-24.8	-25	88.9	45.73	88.9	46.56	88.3	47.15	88.3	47.42	88.3	47.99	87.0	48.82
	-21.8	-22	107.4	46.56	107.4	47.40	106.8	47.99	106.8	48.26	106.8	48.82	105.0	46.67
	-19.8	-20	113.0	47.13	113.0	47.95	112.3	48.54	112.3	48.82	112.3	47.35	110.6	45.26
	-18.8	-19	116.0	47.40	115.3	48.24	114.9	48.82	114.9	48.06	114.9	46.62	113.1	44.54
	-16.7	-17	120.7	47.99	120.7	48.82	120.1	47.25	120.1	46.47	120.1	45.09	115.4	43.04
	-13.7	-15	129.0	48.82	129.0	46.48	127.9	45.01	127.9	44.22	124.3	42.89	115.4	40.91
	-11.8	-13	133.2	47.21	132.5	45.01	132.0	43.60	128.5	42.78	124.3	41.49	115.4	39.55
	-9.8	-11	137.7	45.53	137.7	43.46	132.6	42.12	128.5	41.27	124.3	40.04	115.4	38.12
	-9.5	-10	138.5	45.27	138.5	43.22	132.6	41.88	128.5	41.03	124.3	39.82	115.4	37.91
	-8.5	-9.1	141.4	44.44	140.3	42.45	132.6	41.14	128.5	40.28	124.3	39.08	115.4	37.20
	-7.0	-7.6	148.1	43.17	140.8	41.29	132.6	40.02	128.5	39.15	124.3	37.98	115.4	36.13
	-5.0	-5.6	149.7	41.48	140.8	39.73	132.6	38.53	128.5	37.64	124.3	36.51	115.4	34.71
	-3.0	-3.7	149.7	39.80	140.8	38.17	132.6	37.04	128.5	36.13	124.3	35.05	115.4	33.27
	0.0	-0.7	149.7	37.27	140.8	35.84	132.6	34.81	128.5	33.86	124.3	32.86	115.4	31.14
	3.0	2.2	149.7	34.74	140.8	33.52	132.6	32.57	128.5	31.61	124.3	30.66	115.4	29.00
	5.0	4.1	146.7	29.94	138.0	28.90	129.9	28.07	125.8	27.18	121.9	26.35	113.1	24.87
	7.0	6	142.9	27.92	134.5	27.06	126.5	26.33	122.6	25.44	118.7	24.68	110.4	23.26
	9.0	7.9	137.7	25.51	129.5	24.73	121.9	24.06	118.2	23.24	114.3	22.55	106.2	21.26
	11.0	9.8	130.2	23.19	122.6	22.47	115.3	21.87	111.8	21.12	108.1	20.49	100.5	19.32
	13.0	11.8	122.3	20.39	115.0	19.76	108.4	19.24	104.9	18.57	101.6	18.02	94.3	16.99
	15.0	13.7	115.7	18.17	108.8	17.62	102.5	17.14	99.3	16.55	96.2	16.06	89.3	15.15
80	-24.8	-25	88.5	40.19	88.5	41.03	88.0	41.62	88.0	41.89	88.0	43.29	86.6	41.41
	-21.8	-22	106.2	41.03	106.2	41.87	106.2	42.45	106.2	43.29	106.2	41.41	103.2	39.61
	-19.8	-20	111.8	41.59	111.8	42.42	111.8	43.29	111.8	41.95	110.6	40.15	103.2	38.40
	-18.8	-19	114.4	41.87	114.4	43.29	114.4	42.61	114.2	41.29	110.8	39.53	103.2	37.80
	-16.7	-17	118.6	43.29	118.6	41.88	118.6	41.20	115.0	39.90	110.8	38.21	103.2	36.54
	-13.7	-15	123.9	41.20	121.6	39.86	118.6	39.17	115.0	37.90	110.8	36.33	103.2	34.74
	-11.8	-13	127.2	39.86	123.4	38.58	118.6	37.88	115.0	36.64	110.8	35.13	103.2	33.59
	-9.8	-11	130.6	38.46	125.2	37.24	118.6	36.53	115.0	35.31	110.8	33.89	103.2	32.39
	-9.5	-10	131.5	38.25	125.8	37.03	118.6	36.32	115.0	35.11	110.8	33.69	103.2	32.20
	-8.5	-9.1	132.8	37.56	126.3	36.37	118.6	35.65	115.0	34.44	110.8	33.06	103.2	31.61
	-7.0	-7.6	134.1	36.51	126.3	35.35	118.6	34.63	115.0	33.44	110.8	32.13	103.2	30.70
	-5.0	-5.6	134.1	35.11	126.3	34.02	118.6	33.29	115.0	32.11	110.8	30.86	103.2	29.50
	-3.0	-3.7	134.1	33.71	126.3	32.67	118.6	31.94	115.0	30.78	110.8	29.61	103.2	28.29
	0.0	-0.7	134.1	31.61	126.3	30.65	118.6	29.91	115.0	28.79	110.8	27.72	103.2	26.49
	3.0	2.2	134.1	29.52	126.3	28.63	118.6	27.88	115.0	26.79	110.8	25.84	103.2	24.69
	5.0	4.1	131.4	25.42	123.8	24.66	116.2	23.96	112.7	22.98	108.6	22.19	101.2	21.19
	7.0	6	128.0	23.77	120.6	23.09	113.2	22.42	109.9	21.48	105.8	20.77	98.5	19.83
	9.0	7.9	123.3	21.11	116.2	20.51	109.1	20.01	105.8	19.25	102.0	18.57	95.0	17.68
	11.0	9.8	116.6	18.58	109.9	18.07	103.2	17.63	100.1	16.95	96.5	16.35	89.7	15.57
	13.0	11.8	109.5	15.98	103.2	15.53	96.9	15.16	94.0	14.57	90.6	14.05	84.4	13.38
	15.0	13.7	103.5	14.23	97.7	13.84	91.7	13.49	89.0	12.98	85.8	12.50	79.8	11.91

7. Capacity Tables

Heating Capacity (46HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	88.5	40.45	88.5	40.73	88.0	41.29	88.0	42.12	88.0	40.10	86.5	38.19
	-21.8	-22	101.6	41.29	101.6	41.56	100.9	42.12	97.5	40.10	94.6	38.19	88.3	36.36
	-19.8	-20	110.4	41.85	107.4	42.12	100.9	40.70	97.5	38.75	94.6	36.94	88.3	35.15
	-18.8	-19	113.4	42.12	107.4	41.38	100.9	39.98	97.5	38.06	94.6	36.30	88.3	34.53
	-16.7	-17	113.6	40.59	107.4	39.83	100.9	38.49	97.5	36.65	94.6	34.97	88.3	33.25
	-13.7	-15	113.6	38.40	107.4	37.62	100.9	36.35	97.5	34.61	94.6	33.08	88.3	31.42
	-11.8	-13	113.6	37.00	107.4	36.21	100.9	34.99	97.5	33.32	94.6	31.87	88.3	30.26
	-9.8	-11	113.6	35.55	107.4	34.74	100.9	33.56	97.5	31.97	94.6	30.61	88.3	29.04
	-9.5	-10	113.6	35.32	107.4	34.52	100.9	33.35	97.5	31.77	94.6	30.42	88.3	28.86
	-8.5	-9.1	113.6	34.59	107.4	33.78	100.9	32.64	97.5	31.09	94.6	29.79	88.3	28.25
	-7.0	-7.6	113.6	33.50	107.4	32.68	100.9	31.57	97.5	30.08	94.6	28.84	88.3	27.33
	-5.0	-5.6	113.6	32.04	107.4	31.19	100.9	30.14	97.5	28.72	94.6	27.57	88.3	26.12
	-3.0	-3.7	113.6	30.58	107.4	29.72	100.9	28.72	97.5	27.37	94.6	26.30	88.3	24.89
	0.0	-0.7	113.6	28.38	107.4	27.51	100.9	26.58	97.5	25.35	94.6	24.41	88.3	23.06
	3.0	2.2	113.6	26.19	107.4	25.28	100.9	24.43	97.5	23.31	94.6	22.52	88.3	21.22
	5.0	4.1	113.6	22.85	105.1	21.53	98.9	20.80	95.5	19.83	92.7	19.19	86.5	18.08
	7.0	6	113.8	21.75	102.5	19.87	96.4	19.22	93.1	18.35	90.4	17.79	84.4	16.73
	9.0	7.9	109.7	18.68	98.7	17.07	92.9	16.50	89.7	15.75	87.0	15.27	81.2	14.36
	11.0	9.8	103.6	16.42	93.4	15.00	87.8	14.50	84.8	13.85	82.4	13.43	76.8	12.62
	13.0	11.8	97.3	14.24	87.7	13.02	82.5	12.58	79.6	12.01	77.3	11.66	72.1	10.95
	15.0	13.7	92.0	12.53	82.9	11.45	78.1	11.08	75.4	10.56	73.2	10.25	68.3	9.64
60	-24.8	-25	87.1	39.82	87.1	40.38	86.5	41.22	83.7	39.07	80.8	37.05	75.6	35.16
	-21.8	-22	93.3	40.66	92.3	41.22	86.5	39.07	83.7	37.05	80.8	35.16	75.6	33.33
	-19.8	-20	97.5	41.22	92.3	39.70	86.5	37.64	83.7	35.71	80.8	33.90	75.6	32.12
	-18.8	-19	97.5	40.46	92.3	38.95	86.5	36.92	83.7	35.04	80.8	33.27	75.6	31.50
	-16.7	-17	97.5	38.84	92.3	37.34	86.5	35.42	83.7	33.63	80.8	31.95	75.6	30.23
	-13.7	-15	97.5	36.53	92.3	35.06	86.5	33.26	83.7	31.62	80.8	30.05	75.6	28.40
	-11.8	-13	97.5	35.08	92.3	33.62	86.5	31.90	83.7	30.34	80.8	28.85	75.6	27.25
	-9.8	-11	97.5	33.54	92.3	32.10	86.5	30.47	83.7	29.00	80.8	27.59	75.6	26.02
	-9.5	-10	97.5	33.31	92.3	31.87	86.5	30.26	83.7	28.79	80.8	27.40	75.6	25.84
	-8.5	-9.1	97.5	32.54	92.3	31.12	86.5	29.54	83.7	28.13	80.8	26.77	75.6	25.24
	-7.0	-7.6	97.5	31.40	92.3	29.98	86.5	28.46	83.7	27.11	80.8	25.82	75.6	24.33
	-5.0	-5.6	97.5	29.85	92.3	28.46	86.5	27.04	83.7	25.77	80.8	24.57	75.6	23.10
	-3.0	-3.7	97.5	28.32	92.3	26.94	86.5	25.60	83.7	24.43	80.8	23.30	75.6	21.88
	0.0	-0.7	97.5	26.01	92.3	24.64	86.5	23.45	83.7	22.41	80.8	21.41	75.6	20.06
	3.0	2.2	97.5	23.71	92.3	22.37	86.5	21.29	83.7	20.40	80.8	19.51	75.6	18.23
	5.0	4.1	95.5	20.08	90.4	18.87	84.8	17.96	82.0	17.24	79.1	16.50	74.0	15.39
	7.0	6	93.1	18.36	88.1	17.21	82.7	16.41	79.8	15.77	77.1	15.12	72.2	14.06
	9.0	7.9	89.7	15.61	84.9	14.62	79.6	13.93	77.0	13.39	74.3	12.85	69.5	11.95
	11.0	9.8	84.8	13.72	80.2	12.85	75.2	12.25	72.7	11.77	70.3	11.29	65.8	10.50
	13.0	11.8	79.6	11.89	75.5	11.14	70.6	10.62	68.3	10.21	66.0	9.79	61.7	9.11
	15.0	13.7	75.4	10.56	71.3	9.90	67.0	9.34	64.7	8.98	62.4	8.61	58.4	8.09
50	-24.8	-25	81.4	35.10	76.8	35.93	72.1	34.02	69.8	32.22	67.4	30.54	62.8	28.96
	-21.8	-22	81.4	35.93	76.8	34.02	72.1	32.22	69.8	30.54	67.4	28.96	62.8	27.44
	-19.8	-20	81.4	34.60	76.8	32.74	72.1	31.03	69.8	29.40	67.4	27.90	62.8	26.42
	-18.8	-19	81.4	33.93	76.8	32.09	72.1	30.44	69.8	28.84	67.4	27.38	62.8	25.93
	-16.7	-17	81.4	32.52	76.8	30.76	72.1	29.18	69.8	27.64	67.4	26.27	62.8	24.87
	-13.7	-15	81.4	30.52	76.8	28.83	72.1	27.38	69.8	25.95	67.4	24.69	62.8	23.35
	-11.8	-13	81.4	29.24	76.8	27.62	72.1	26.25	69.8	24.88	67.4	23.70	62.8	22.39
	-9.8	-11	81.4	27.90	76.8	26.34	72.1	25.05	69.8	23.75	67.4	22.64	62.8	21.38
	-9.5	-10	81.4	27.70	76.8	26.15	72.1	24.87	69.8	23.58	67.4	22.50	62.8	21.22
	-8.5	-9.1	81.4	27.03	76.8	25.50	72.1	24.28	69.8	23.02	67.4	21.97	62.8	20.72
	-7.0	-7.6	81.4	26.02	76.8	24.55	72.1	23.38	69.8	22.17	67.4	21.18	62.8	19.97
	-5.0	-5.6	81.4	24.68	76.8	23.27	72.1	22.19	69.8	21.04	67.4	20.13	62.8	18.96
	-3.0	-3.7	81.4	23.34	76.8	21.99	72.1	20.98	69.8	19.91	67.4	19.07	62.8	17.94
	0.0	-0.7	81.4	21.34	76.8	20.06	72.1	19.20	69.8	18.22	67.4	17.49	62.8	16.43
	3.0	2.2	81.4	19.33	76.8	18.15	72.1	17.40	69.8	16.52	67.4	15.92	62.8	14.91
	5.0	4.1	79.8	16.28	75.2	15.26	70.6	14.66	68.3	13.93	66.2	13.45	61.7	12.58
	7.0	6	77.7	14.82	73.3	13.88	68.9	13.37	66.7	12.70	64.4	12.30	60.1	11.47
	9.0	7.9	74.8	12.72	70.6	11.91	66.3	11.47	64.2	10.90	62.1	10.57	57.9	9.85
	11.0	9.8	71.1	11.32	67.1	10.59	63.0	10.20	60.7	9.69	58.7	9.39	54.8	8.76
	13.0	11.8	66.4	9.70	62.8	9.08	58.9	8.74	57.1	8.36	55.2	8.05	51.3	7.56
	15.0	13.7	62.8	8.65	59.4	8.09	55.7	7.79	54.0	7.41	52.2	7.17	48.6	6.68

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM480LTE5

Heating Capacity (48HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	92.1	47.45	92.1	48.01	91.5	48.50	91.5	49.24	91.5	49.95	90.7	51.07
	-21.8	-22	111.6	48.58	111.6	49.13	110.9	49.62	110.9	50.36	110.9	51.07	109.9	52.18
	-19.8	-20	117.6	49.31	117.6	49.88	116.8	50.36	116.8	51.10	116.8	51.80	115.8	52.92
	-18.8	-19	120.3	49.69	120.3	50.24	119.6	50.73	119.6	51.47	119.6	52.18	118.5	53.29
	-16.7	-17	126.1	50.47	126.1	51.03	125.4	51.52	125.4	52.25	125.4	52.95	124.2	54.07
	-13.7	-15	134.4	51.59	134.4	52.14	133.6	52.63	133.6	53.36	133.6	54.07	132.3	52.01
	-11.8	-13	138.9	52.29	138.9	52.85	138.0	53.34	138.0	54.07	138.0	52.69	137.1	50.71
	-9.8	-11	143.6	53.03	143.6	53.59	142.7	54.07	142.7	52.60	142.7	51.23	141.9	49.34
	-9.5	-10	144.7	53.15	144.7	53.70	143.8	53.85	143.8	52.37	143.4	51.01	142.6	49.13
	-8.5	-9.1	148.7	53.52	148.7	54.07	147.8	53.09	147.8	51.63	145.7	50.27	145.1	48.43
	-7.0	-7.6	154.8	54.07	154.8	52.96	153.7	51.96	153.7	50.51	153.7	49.18	150.6	47.41
	-5.0	-5.6	162.7	52.64	162.7	51.48	161.6	50.44	161.6	49.04	161.6	47.73	155.9	46.03
	-3.0	-3.7	170.7	51.20	170.7	50.00	169.6	48.93	169.6	47.55	169.6	46.26	161.3	44.65
	0.0	-0.7	182.5	49.04	182.5	47.78	181.4	46.65	180.3	45.33	178.1	44.07	169.2	42.59
	3.0	2.2	189.0	46.88	189.0	45.55	188.0	44.38	186.4	43.11	182.7	41.87	170.7	40.53
	5.0	4.1	189.2	41.29	188.8	39.99	187.9	38.86	185.2	37.68	179.7	36.55	167.3	35.36
	7.0	6	186.6	39.16	186.3	37.90	185.4	36.80	181.5	35.73	175.2	34.66	163.0	33.63
	9.0	7.9	180.1	36.42	179.7	35.24	179.2	34.22	174.8	33.22	168.7	32.24	157.0	31.28
	11.0	9.8	170.4	34.12	170.0	33.03	169.5	32.06	165.3	31.13	159.6	30.20	148.5	29.30
	13.0	11.8	160.0	31.36	159.6	30.34	159.2	29.46	155.2	28.60	149.8	27.76	139.5	26.92
	15.0	13.7	151.4	29.04	151.1	28.10	150.5	27.29	146.9	26.49	141.7	25.71	132.0	24.93
120	-24.8	-25	91.5	48.01	91.5	48.50	90.8	49.24	90.8	49.95	90.8	51.07	90.0	51.85
	-21.8	-22	110.9	49.13	110.9	49.62	110.2	50.36	110.2	51.07	110.2	52.18	109.2	52.95
	-19.8	-20	116.8	49.88	116.8	50.36	116.0	51.10	116.0	51.80	116.0	52.92	114.9	53.70
	-18.8	-19	119.5	50.24	119.5	50.73	118.8	51.47	118.8	52.18	118.8	53.29	117.7	54.07
	-16.7	-17	125.3	51.03	125.3	51.52	124.5	52.25	124.5	52.95	124.5	54.07	123.3	52.75
	-13.7	-15	133.4	52.14	133.4	52.63	132.6	53.36	132.6	54.07	132.6	52.09	131.4	50.86
	-11.8	-13	137.9	52.85	137.9	53.34	137.0	54.07	137.0	52.67	137.0	50.84	136.1	49.65
	-9.8	-11	142.5	53.59	142.5	54.07	141.6	52.54	141.6	51.20	141.6	49.53	140.9	48.39
	-9.5	-10	143.8	53.70	143.8	53.83	142.9	52.31	142.9	50.98	142.9	49.33	142.1	48.20
	-8.5	-9.1	147.7	54.07	147.7	53.01	146.8	51.53	146.8	50.24	146.3	48.68	145.4	47.56
	-7.0	-7.6	153.6	52.86	153.6	51.79	152.7	50.38	152.7	49.14	150.6	47.68	149.4	46.61
	-5.0	-5.6	161.6	51.24	161.6	50.16	160.4	48.84	160.4	47.66	160.4	46.37	154.9	45.35
	-3.0	-3.7	169.4	49.61	169.4	48.54	168.4	47.29	168.4	46.19	167.5	45.05	159.7	44.08
	0.0	-0.7	181.2	47.18	180.7	46.09	177.5	44.98	175.5	43.98	172.4	43.07	160.3	42.19
	3.0	2.2	187.7	44.74	187.0	43.64	182.8	42.67	178.1	41.77	172.5	41.10	160.3	40.30
	5.0	4.1	187.9	39.14	186.2	38.09	180.5	37.23	174.5	36.44	169.2	35.90	157.2	35.20
	7.0	6	185.4	36.93	183.2	35.94	176.0	35.22	170.1	34.55	164.8	34.23	153.1	33.62
	9.0	7.9	178.8	34.26	176.4	33.33	169.5	32.68	163.9	32.05	158.8	31.74	147.5	31.17
	11.0	9.8	169.2	32.00	166.8	31.12	160.3	30.51	155.0	29.93	150.2	29.65	139.5	29.12
	13.0	11.8	158.8	29.30	156.7	28.50	150.5	27.94	145.5	27.41	141.1	27.15	131.0	26.67
	15.0	13.7	150.3	27.02	148.3	26.28	142.4	25.77	137.7	25.29	133.5	25.05	123.9	24.60
110	-24.8	-25	90.9	48.50	90.9	49.24	90.4	49.95	90.4	51.07	90.4	51.85	89.6	52.22
	-21.8	-22	110.3	49.62	110.3	50.36	109.6	51.07	109.6	52.18	109.6	52.95	108.6	53.34
	-19.8	-20	116.1	50.36	116.1	51.10	115.4	51.80	115.4	52.92	115.4	53.70	114.2	54.07
	-18.8	-19	118.8	50.73	118.8	51.47	118.1	52.18	118.1	53.29	118.1	54.07	117.0	53.37
	-16.7	-17	124.6	51.52	124.6	52.25	123.8	52.95	123.8	54.07	123.8	52.64	122.6	51.90
	-13.7	-15	132.8	52.63	132.8	53.36	131.8	54.07	131.8	51.90	131.8	50.59	131.8	49.80
	-11.8	-13	137.1	53.34	137.1	54.07	136.3	52.54	136.3	50.53	136.3	49.28	136.3	48.47
	-9.8	-11	141.8	54.07	141.8	52.35	140.9	50.93	140.9	49.08	140.9	47.92	140.5	47.07
	-9.5	-10	142.9	53.79	142.9	52.07	142.2	50.68	142.2	48.86	142.2	47.72	141.9	46.85
	-8.5	-9.1	146.9	52.87	146.9	51.22	145.9	49.88	145.9	48.13	145.6	47.03	143.7	46.16
	-7.0	-7.6	152.8	51.45	152.8	49.91	151.9	48.66	151.9	47.04	150.4	46.01	144.3	45.11
	-5.0	-5.6	160.7	49.58	160.7	48.18	159.6	47.05	158.6	45.60	153.6	44.64	144.3	43.71
	-3.0	-3.7	168.4	47.72	168.4	46.45	164.3	45.43	159.9	44.14	154.5	43.27	144.3	42.31
	0.0	-0.7	178.3	44.90	174.5	43.85	165.3	43.01	159.9	41.96	154.5	41.22	144.3	40.20
	3.0	2.2	184.0	42.10	176.1	41.24	165.3	40.58	159.9	39.80	154.5	39.16	144.3	38.11
	5.0	4.1	182.7	36.50	172.6	35.80	162.0	35.26	156.7	34.64	151.5	34.10	141.4	33.11
	7.0	6	178.0	34.14	168.3	33.63	157.9	33.25	152.7	32.84	147.6	32.43	137.8	31.42
	9.0	7.9	171.5	31.50	162.0	31.02	152.1	30.67	147.1	30.31	142.1	29.92	132.8	28.99
	11.0	9.8	162.2	29.25	153.3	28.81	143.8	28.48	139.2	28.14	134.4	27.78	125.5	26.92
	13.0	11.8	152.3	26.61	144.0	26.21	135.1	25.90	130.7	25.59	126.3	25.26	117.9	24.49
	15.0	13.7	144.0	24.34	136.1	23.98	127.9	23.71	123.6	23.42	119.5	23.11	111.6	22.40

7. Capacity Tables

Heating Capacity (48HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	90.5	53.58	90.5	53.64	90.0	50.89	90.0	53.80	90.0	53.88	89.1	53.91
	-21.8	-22	109.7	53.68	109.7	53.74	109.1	52.50	109.1	53.91	109.1	54.69	108.0	54.02
	-19.8	-20	115.6	53.74	115.6	53.80	114.9	53.53	114.9	53.97	114.9	54.28	113.8	54.07
	-18.8	-19	118.4	53.77	117.6	53.85	117.6	53.91	117.6	54.00	117.6	54.07	116.5	53.22
	-16.7	-17	123.3	53.85	123.3	53.92	123.3	54.69	122.6	54.07	122.6	52.31	121.4	51.42
	-13.7	-15	132.1	53.94	132.1	54.01	131.3	54.07	131.3	51.52	131.3	49.78	130.1	48.85
	-11.8	-13	136.4	54.02	135.7	54.07	135.7	52.36	135.7	49.89	135.7	48.18	131.6	47.21
	-9.8	-11	141.0	54.07	141.0	52.15	140.4	50.55	140.4	48.18	139.6	46.50	131.8	45.50
	-9.5	-10	142.2	53.77	142.2	51.86	141.5	50.27	141.5	47.92	140.2	46.25	131.8	45.25
	-8.5	-9.1	146.1	52.76	146.1	50.90	145.4	49.38	146.4	47.06	141.6	45.40	131.8	44.39
	-7.0	-7.6	154.5	51.25	153.9	49.45	151.2	48.00	146.4	45.78	141.6	44.13	131.8	43.10
	-5.0	-5.6	161.3	49.23	159.6	47.53	151.2	46.19	146.4	44.07	141.6	42.45	131.8	41.40
	-3.0	-3.7	165.9	47.22	160.8	45.61	151.2	44.40	146.4	42.36	141.6	40.77	131.8	39.68
	0.0	-0.7	170.6	44.19	160.8	42.71	151.2	41.67	146.4	39.80	141.6	38.24	131.8	37.11
	3.0	2.2	170.6	41.16	160.8	39.82	151.2	38.96	146.4	37.23	141.6	35.72	131.8	34.54
	5.0	4.1	167.1	35.55	157.7	34.35	148.1	33.64	143.5	32.11	138.7	30.75	129.2	29.65
	7.0	6	162.9	33.05	153.6	32.01	144.4	31.45	139.7	30.09	135.2	28.79	126.0	27.69
	9.0	7.9	156.9	30.24	148.0	29.28	139.2	28.77	134.7	27.52	130.3	26.33	121.2	25.32
	11.0	9.8	148.4	27.79	140.0	26.91	131.5	26.45	127.3	25.30	123.1	24.21	114.7	23.28
	13.0	11.8	139.3	24.98	131.5	24.20	123.6	23.78	119.6	22.75	115.6	21.76	107.7	20.92
	15.0	13.7	131.8	22.55	124.4	21.84	116.9	21.46	113.1	20.53	109.4	19.64	102.0	18.89
90	-24.8	-25	90.2	47.72	90.2	48.83	89.6	49.62	89.6	49.98	89.6	50.74	88.8	51.85
	-21.8	-22	109.3	48.83	109.3	49.95	108.7	50.74	108.7	51.10	108.7	51.85	107.6	49.62
	-19.8	-20	115.2	49.59	115.2	50.69	114.4	51.47	114.4	51.85	114.4	50.33	113.4	48.15
	-18.8	-19	118.4	49.95	117.6	51.07	117.2	51.85	117.2	51.06	117.2	49.57	116.1	47.40
	-16.7	-17	123.3	50.74	123.3	51.85	122.7	50.23	122.7	49.42	122.7	47.98	119.5	45.84
	-13.7	-15	132.1	51.85	132.1	49.44	130.9	47.92	130.9	47.09	128.6	45.70	120.5	43.62
	-11.8	-13	136.4	50.20	135.7	47.92	135.2	46.46	132.9	45.60	129.7	44.26	120.5	42.21
	-9.8	-11	141.0	48.47	141.0	46.33	137.2	44.93	134.1	44.03	129.7	42.75	120.5	40.73
	-9.5	-10	142.2	48.21	142.2	46.08	137.8	44.69	134.1	43.79	129.7	42.52	120.5	40.51
	-8.5	-9.1	146.1	47.35	145.0	45.29	138.3	43.92	134.1	43.02	129.7	41.76	120.5	39.77
	-7.0	-7.6	154.5	46.05	146.9	44.09	138.3	42.77	134.1	41.85	129.7	40.62	120.5	38.66
	-5.0	-5.6	156.2	44.31	146.9	42.49	138.3	41.23	134.1	40.29	129.7	39.10	120.5	37.18
	-3.0	-3.7	156.2	42.59	146.9	40.89	138.3	39.70	134.1	38.72	129.7	37.58	120.5	35.69
	0.0	-0.7	156.2	39.99	146.9	38.48	138.3	37.39	134.1	36.38	129.7	35.31	120.5	33.47
	3.0	2.2	156.2	37.40	146.9	36.09	138.3	35.09	134.1	34.05	129.7	33.03	120.5	31.25
	5.0	4.1	153.1	32.29	144.0	31.18	135.6	30.29	131.3	29.33	127.2	28.44	118.1	26.85
	7.0	6	149.1	30.20	140.4	29.27	132.0	28.49	128.0	27.52	123.9	26.70	115.2	25.17
	9.0	7.9	143.7	27.63	135.2	26.78	127.2	26.06	123.3	25.17	119.3	24.42	110.9	23.03
	11.0	9.8	135.9	25.15	127.9	24.37	120.3	23.71	116.7	22.91	112.8	22.23	104.8	20.96
	13.0	11.8	127.6	22.15	120.0	21.46	113.1	20.90	109.5	20.17	106.0	19.58	98.4	18.46
	15.0	13.7	120.7	19.77	113.6	19.18	106.9	18.66	103.6	18.02	100.3	17.49	93.2	16.49
80	-24.8	-25	89.8	41.84	89.8	42.96	89.3	43.75	89.3	44.11	89.3	45.98	88.4	44.02
	-21.8	-22	108.1	42.96	108.1	44.08	108.1	44.86	108.1	45.98	108.1	44.02	105.9	42.14
	-19.8	-20	114.0	43.71	114.0	44.82	114.0	45.98	114.0	44.59	113.1	42.71	107.7	40.89
	-18.8	-19	116.7	44.08	116.7	45.98	116.7	45.27	116.5	43.90	114.2	42.06	107.7	40.26
	-16.7	-17	121.7	45.98	121.7	44.51	121.7	43.81	119.2	42.46	115.7	40.70	107.7	38.95
	-13.7	-15	129.3	43.82	126.9	42.43	123.8	41.71	120.0	40.38	115.7	38.74	107.7	37.07
	-11.8	-13	132.7	42.45	128.8	41.11	123.8	40.38	120.0	39.08	115.7	37.50	107.7	35.88
	-9.8	-11	135.9	41.00	130.4	39.73	123.8	38.98	120.0	37.70	115.7	36.20	107.7	34.63
	-9.5	-10	136.8	40.79	131.1	39.51	123.8	38.76	120.0	37.49	115.7	36.00	107.7	34.43
	-8.5	-9.1	138.3	40.07	131.8	38.83	123.8	38.07	120.0	36.80	115.7	35.34	107.7	33.82
	-7.0	-7.6	139.9	38.99	131.8	37.78	123.8	37.02	120.0	35.76	115.7	34.38	107.7	32.87
	-5.0	-5.6	139.9	37.55	131.8	36.40	123.8	35.63	120.0	34.38	115.7	33.06	107.7	31.62
	-3.0	-3.7	139.9	36.10	131.8	35.01	123.8	34.23	120.0	33.00	115.7	31.76	107.7	30.36
	0.0	-0.7	139.9	33.94	131.8	32.93	123.8	32.13	120.0	30.94	115.7	29.80	107.7	28.48
	3.0	2.2	139.9	31.78	131.8	30.84	123.8	30.03	120.0	28.86	115.7	27.85	107.7	26.61
	5.0	4.1	137.1	27.43	129.2	26.60	121.2	25.86	117.6	24.80	113.3	23.95	105.6	22.87
	7.0	6	133.5	25.72	125.9	24.98	118.1	24.25	114.7	23.23	110.4	22.47	102.8	21.45
	9.0	7.9	128.7	22.86	121.2	22.21	113.9	21.67	110.4	20.84	106.5	20.10	99.1	19.15
	11.0	9.8	121.7	20.15	114.7	19.59	107.7	19.12	104.4	18.37	100.7	17.72	93.6	16.88
	13.0	11.8	114.3	17.35	107.7	16.87	101.1	16.46	98.1	15.82	94.5	15.26	88.0	14.53
	15.0	13.7	108.0	15.49	102.0	15.06	95.7	14.68	92.8	14.12	89.5	13.61	83.2	12.97

7. Capacity Tables

Heating Capacity (48HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	89.8	42.32	89.8	42.69	89.3	43.44	89.3	44.55	89.3	42.45	88.3	40.48
	-21.8	-22	104.8	43.44	105.1	43.80	104.3	44.55	101.7	42.45	98.7	40.48	92.1	38.58
	-19.8	-20	112.8	44.18	110.9	44.55	105.3	43.08	101.7	41.06	98.7	39.18	92.1	37.32
	-18.8	-19	115.9	44.55	111.8	43.79	105.3	42.34	101.7	40.34	98.7	38.52	92.1	36.68
	-16.7	-17	118.2	42.98	112.0	42.19	105.3	40.80	101.7	38.88	98.7	37.14	92.1	35.35
	-13.7	-15	118.5	40.72	112.0	39.91	105.3	38.59	101.7	36.78	98.7	35.18	92.1	33.45
	-11.8	-13	118.5	39.28	112.0	38.46	105.3	37.19	101.7	35.44	98.7	33.93	92.1	32.24
	-9.8	-11	118.5	37.79	112.0	36.94	105.3	35.71	101.7	34.04	98.7	32.62	92.1	30.97
	-9.5	-10	118.5	37.56	112.0	36.71	105.3	35.50	101.7	33.84	98.7	32.43	92.1	30.78
	-8.5	-9.1	118.5	36.81	112.0	35.95	105.3	34.76	101.7	33.14	98.7	31.77	92.1	30.15
	-7.0	-7.6	118.5	35.68	112.0	34.82	105.3	33.66	101.7	32.09	98.7	30.79	92.1	29.20
	-5.0	-5.6	118.5	34.18	112.0	33.29	105.3	32.18	101.7	30.69	98.7	29.48	92.1	27.94
	-3.0	-3.7	118.5	32.68	112.0	31.77	105.3	30.71	101.7	29.29	98.7	28.16	92.1	26.66
	0.0	-0.7	118.5	30.43	112.0	29.49	105.3	28.50	101.7	27.19	98.7	26.20	92.1	24.76
	3.0	2.2	118.5	28.17	112.0	27.20	105.3	26.29	101.7	25.09	98.7	24.24	92.1	22.85
	5.0	4.1	118.5	24.65	109.7	23.22	103.2	22.42	99.6	21.39	96.8	20.70	90.3	19.50
	7.0	6	118.8	23.53	106.9	21.50	100.6	20.78	97.2	19.85	94.3	19.25	88.0	18.09
	9.0	7.9	114.4	20.23	103.0	18.49	96.9	17.87	93.6	17.05	90.8	16.54	84.7	15.55
	11.0	9.8	108.2	17.81	97.5	16.27	91.7	15.73	88.5	15.02	85.9	14.57	80.1	13.69
	13.0	11.8	101.6	15.47	91.5	14.14	86.1	13.67	83.1	13.04	80.7	12.66	75.3	11.89
	15.0	13.7	96.0	13.64	86.6	12.47	81.4	12.06	78.7	11.50	76.3	11.15	71.2	10.49
60	-24.8	-25	88.6	41.50	88.6	42.25	88.0	43.37	86.0	41.16	84.0	39.08	78.9	37.13
	-21.8	-22	96.4	42.62	96.3	43.37	90.3	41.16	87.3	39.08	84.3	37.13	78.9	35.24
	-19.8	-20	101.7	43.37	96.3	41.81	90.3	39.68	87.3	37.70	84.3	35.82	78.9	33.98
	-18.8	-19	101.7	42.58	96.3	41.03	90.3	38.95	87.3	37.01	84.3	35.17	78.9	33.34
	-16.7	-17	101.7	40.93	96.3	39.38	90.3	37.40	87.3	35.55	84.3	33.81	78.9	32.02
	-13.7	-15	101.7	38.57	96.3	37.05	90.3	35.18	87.3	33.48	84.3	31.86	78.9	30.13
	-11.8	-13	101.7	37.09	96.3	35.56	90.3	33.78	87.3	32.16	84.3	30.62	78.9	28.94
	-9.8	-11	101.7	35.51	96.3	34.01	90.3	32.31	87.3	30.78	84.3	29.32	78.9	27.67
	-9.5	-10	101.7	35.27	96.3	33.78	90.3	32.10	87.3	30.57	84.3	29.12	78.9	27.48
	-8.5	-9.1	101.7	34.49	96.3	33.00	90.3	31.35	87.3	29.89	84.3	28.47	78.9	26.86
	-7.0	-7.6	101.7	33.32	96.3	31.83	90.3	30.25	87.3	28.84	84.3	27.49	78.9	25.92
	-5.0	-5.6	101.7	31.75	96.3	30.27	90.3	28.78	87.3	27.46	84.3	26.19	78.9	24.65
	-3.0	-3.7	101.7	30.18	96.3	28.71	90.3	27.31	87.3	26.08	84.3	24.89	78.9	23.39
	0.0	-0.7	101.7	27.82	96.3	26.36	90.3	25.10	87.3	24.00	84.3	22.94	78.9	21.50
	3.0	2.2	101.7	25.47	96.3	24.03	90.3	22.88	87.3	21.93	84.3	20.98	78.9	19.61
	5.0	4.1	99.6	21.63	94.4	20.33	88.5	19.35	85.5	18.58	82.5	17.79	77.3	16.59
	7.0	6	97.2	19.87	92.0	18.62	86.2	17.75	83.3	17.06	80.4	16.36	75.3	15.21
	9.0	7.9	93.6	16.91	88.6	15.83	83.1	15.09	80.4	14.50	77.5	13.92	72.5	12.94
	11.0	9.8	88.5	14.88	83.7	13.93	78.5	13.28	75.9	12.77	73.3	12.24	68.7	11.39
	13.0	11.8	83.1	12.92	78.7	12.11	73.7	11.53	71.3	11.09	68.9	10.63	64.4	9.90
	15.0	13.7	78.7	11.50	74.4	10.77	69.9	10.17	67.5	9.78	65.1	9.37	60.9	8.80
50	-24.8	-25	84.9	37.05	80.1	38.16	75.3	36.16	72.9	34.28	70.4	32.50	65.6	30.85
	-21.8	-22	84.9	38.16	80.1	36.16	75.3	34.28	72.9	32.50	70.4	30.85	65.6	29.25
	-19.8	-20	84.9	36.76	80.1	34.82	75.3	33.02	72.9	31.31	70.4	29.74	65.6	28.18
	-18.8	-19	84.9	36.07	80.1	34.14	75.3	32.41	72.9	30.72	70.4	29.19	65.6	27.66
	-16.7	-17	84.9	34.60	80.1	32.75	75.3	31.09	72.9	29.47	70.4	28.03	65.6	26.54
	-13.7	-15	84.9	32.50	80.1	30.73	75.3	29.20	72.9	27.69	70.4	26.37	65.6	24.94
	-11.8	-13	84.9	31.17	80.1	29.46	75.3	28.01	72.9	26.57	70.4	25.33	65.6	23.94
	-9.8	-11	84.9	29.77	80.1	28.12	75.3	26.76	72.9	25.38	70.4	24.22	65.6	22.87
	-9.5	-10	84.9	29.56	80.1	27.92	75.3	26.57	72.9	25.21	70.4	24.06	65.6	22.71
	-8.5	-9.1	84.9	28.86	80.1	27.24	75.3	25.95	72.9	24.62	70.4	23.51	65.6	22.18
	-7.0	-7.6	84.9	27.80	80.1	26.25	75.3	25.01	72.9	23.73	70.4	22.68	65.6	21.39
	-5.0	-5.6	84.9	26.40	80.1	24.91	75.3	23.76	72.9	22.54	70.4	21.57	65.6	20.33
	-3.0	-3.7	84.9	25.01	80.1	23.57	75.3	22.50	72.9	21.36	70.4	20.46	65.6	19.26
	0.0	-0.7	84.9	22.91	80.1	21.54	75.3	20.63	72.9	19.58	70.4	18.81	65.6	17.67
	3.0	2.2	84.9	20.81	80.1	19.54	75.3	18.74	72.9	17.80	70.4	17.15	65.6	16.07
	5.0	4.1	83.2	17.56	78.5	16.46	73.7	15.82	71.3	15.03	69.1	14.51	64.3	13.58
	7.0	6	81.1	16.03	76.5	15.01	71.9	14.46	69.6	13.73	67.2	13.31	62.7	12.41
	9.0	7.9	78.0	13.78	73.7	12.90	69.2	12.42	67.0	11.80	64.8	11.44	60.4	10.67
	11.0	9.8	74.2	12.27	70.0	11.48	65.7	11.06	63.3	10.51	61.2	10.18	57.1	9.50
	13.0	11.8	69.3	10.54	65.5	9.87	61.5	9.50	59.5	9.08	57.6	8.75	53.6	8.22
	15.0	13.7	65.6	9.41	61.9	8.81	58.1	8.48	56.4	8.07	54.4	7.81	50.7	7.28

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM500LTE5

Heating Capacity (50HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	100.7	50.27	100.7	50.66	100.0	51.01	100.0	51.53	100.0	52.05	98.5	52.84
	-21.8	-22	120.6	51.07	120.6	51.46	119.8	51.81	119.8	52.33	119.8	52.84	118.0	53.63
	-19.8	-20	126.4	51.59	126.4	51.99	125.5	52.33	125.5	52.87	125.5	53.36	123.6	54.16
	-18.8	-19	129.0	51.85	129.0	52.25	128.2	52.60	128.2	53.12	128.2	53.63	126.2	54.42
	-16.7	-17	134.7	52.42	134.7	52.81	133.8	53.16	133.8	53.68	133.8	54.18	131.7	54.98
	-13.7	-15	142.8	53.21	142.8	53.60	141.9	53.95	141.9	54.47	141.9	54.98	139.7	52.74
	-11.8	-13	147.4	53.71	147.4	54.10	146.5	54.45	146.5	54.98	146.5	53.46	144.6	51.32
	-9.8	-11	152.3	54.23	152.3	54.64	151.4	54.98	151.4	53.35	151.4	51.87	149.6	49.84
	-9.5	-10	153.2	54.33	153.2	54.71	152.3	54.73	152.3	53.10	152.1	51.63	150.4	49.61
	-8.5	-9.1	156.4	54.58	156.4	54.98	155.5	53.88	155.5	52.29	154.5	50.83	152.9	48.86
	-7.0	-7.6	161.2	54.98	161.2	53.72	160.2	52.62	160.2	51.05	160.2	49.63	157.4	47.74
	-5.0	-5.6	167.5	53.33	167.5	52.06	166.4	50.94	166.4	49.43	166.4	48.04	162.5	46.25
	-3.0	-3.7	173.8	51.68	173.8	50.39	172.7	49.25	172.7	47.79	172.7	46.44	167.8	44.76
	0.0	-0.7	183.1	49.21	183.1	47.89	182.1	46.72	182.1	45.35	182.1	44.05	175.4	42.52
	3.0	2.2	192.7	46.74	192.7	45.38	191.4	44.19	191.4	42.89	189.9	41.64	177.8	40.28
	5.0	4.1	194.8	40.99	194.5	39.68	193.4	38.55	192.2	37.37	187.2	36.23	174.2	35.04
	7.0	6	194.2	38.66	193.9	37.42	192.7	36.33	189.0	35.27	182.5	34.22	169.8	33.20
	9.0	7.9	187.7	35.76	187.2	34.60	186.7	33.60	182.0	32.62	175.8	31.65	163.6	30.71
	11.0	9.8	177.5	33.29	177.1	32.23	176.6	31.28	172.2	30.37	166.2	29.47	154.7	28.59
	13.0	11.8	166.7	30.38	166.3	29.39	165.8	28.54	161.7	27.71	156.1	26.89	145.3	26.07
	15.0	13.7	157.7	27.90	157.3	26.99	156.8	26.22	153.0	25.45	147.7	24.70	137.5	23.95
120	-24.8	-25	100.0	50.66	100.0	51.01	99.3	51.53	99.3	52.05	99.3	52.84	97.8	53.40
	-21.8	-22	119.8	51.46	119.8	51.81	119.0	52.33	119.0	52.84	119.0	53.63	117.2	54.18
	-19.8	-20	125.4	51.99	125.4	52.33	124.6	52.87	124.6	53.36	124.6	54.16	122.7	54.71
	-18.8	-19	128.1	52.25	128.1	52.60	127.3	53.12	127.3	53.63	127.3	54.42	125.4	54.98
	-16.7	-17	133.8	52.81	133.8	53.16	132.9	53.68	132.9	54.18	132.9	54.98	130.8	53.54
	-13.7	-15	141.7	53.60	141.7	53.95	140.9	54.47	140.9	54.98	140.9	52.82	138.7	51.49
	-11.8	-13	146.4	54.10	146.4	54.45	145.4	54.98	145.4	53.45	145.4	51.46	143.6	50.18
	-9.8	-11	151.2	54.64	151.2	54.98	150.3	53.29	150.3	51.84	150.3	50.02	148.6	48.81
	-9.5	-10	152.2	54.71	152.2	54.71	151.3	53.04	151.3	51.60	151.3	49.81	149.5	48.61
	-8.5	-9.1	155.3	54.98	155.3	53.80	154.4	52.18	154.4	50.79	154.2	49.10	152.3	47.92
	-7.0	-7.6	160.0	53.63	160.0	52.46	159.0	50.93	159.0	49.59	158.4	48.02	156.2	46.88
	-5.0	-5.6	166.3	51.82	166.3	50.66	165.2	49.23	165.2	47.97	165.2	46.58	161.5	45.51
	-3.0	-3.7	172.6	50.01	172.6	48.87	171.5	47.53	171.5	46.37	171.5	45.15	166.2	44.14
	0.0	-0.7	181.9	47.30	181.9	46.16	180.8	45.00	180.8	43.96	179.6	42.99	167.0	42.09
	3.0	2.2	191.4	44.58	191.4	43.46	189.2	42.47	185.5	41.55	179.7	40.84	167.0	40.03
	5.0	4.1	193.6	38.85	192.5	37.79	188.0	36.92	181.8	36.13	176.2	35.58	163.7	34.88
	7.0	6	193.0	36.46	190.8	35.48	183.3	34.77	177.2	34.11	171.7	33.79	159.5	33.19
	9.0	7.9	186.3	33.65	183.8	32.73	176.6	32.09	170.7	31.47	165.4	31.17	153.6	30.61
	11.0	9.8	176.2	31.25	173.8	30.39	167.0	29.79	161.4	29.22	156.4	28.95	145.3	28.43
	13.0	11.8	165.5	28.41	163.3	27.64	156.8	27.09	151.6	26.58	147.0	26.33	136.4	25.86
	15.0	13.7	156.6	26.00	154.5	25.29	148.3	24.80	143.4	24.33	139.0	24.10	129.1	23.66
110	-24.8	-25	99.4	51.01	99.4	51.53	98.8	52.05	98.8	52.84	98.8	53.40	97.3	53.65
	-21.8	-22	119.2	51.81	119.2	52.33	118.4	52.84	118.4	53.63	118.4	54.18	116.6	54.45
	-19.8	-20	124.7	52.33	124.7	52.87	124.0	53.36	124.0	54.16	124.0	54.71	121.9	54.98
	-18.8	-19	127.4	52.60	127.4	53.12	126.6	53.63	126.6	54.42	126.6	54.98	124.6	54.22
	-16.7	-17	133.0	53.16	133.0	53.68	132.1	54.18	132.1	54.98	132.1	53.43	130.0	52.65
	-13.7	-15	141.0	53.95	141.0	54.47	140.0	54.98	140.0	52.63	140.0	51.22	140.0	50.39
	-11.8	-13	145.6	54.45	145.6	54.98	144.6	53.31	144.6	51.15	144.6	49.82	144.6	48.97
	-9.8	-11	150.4	54.98	150.4	53.11	149.5	51.57	149.5	49.58	149.5	48.35	148.4	47.47
	-9.5	-10	151.3	54.67	151.3	52.81	150.5	51.31	150.5	49.35	150.5	48.13	150.0	47.24
	-8.5	-9.1	154.5	53.66	154.5	51.88	153.5	50.44	153.5	48.55	153.5	47.38	150.3	46.49
	-7.0	-7.6	159.2	52.12	159.2	50.46	158.2	49.12	158.2	47.38	158.2	46.29	150.3	45.37
	-5.0	-5.6	165.4	50.09	165.4	48.58	164.3	47.38	164.3	45.82	160.9	44.81	150.3	43.86
	-3.0	-3.7	171.5	48.06	171.5	46.71	170.4	45.62	166.6	44.25	160.9	43.33	150.3	42.37
	0.0	-0.7	180.9	45.00	180.5	43.89	172.2	43.00	166.6	41.90	160.9	41.13	150.3	40.11
	3.0	2.2	189.8	41.94	183.5	41.06	172.2	40.37	166.6	39.57	160.9	38.91	150.3	37.86
	5.0	4.1	190.3	36.23	179.8	35.51	168.8	34.96	163.3	34.33	157.8	33.79	147.3	32.81
	7.0	6	185.4	33.70	175.3	33.20	164.5	32.82	159.1	32.43	153.7	32.01	143.6	31.02
	9.0	7.9	178.6	30.94	168.8	30.47	158.4	30.13	153.3	29.77	148.0	29.39	138.3	28.48
	11.0	9.8	168.9	28.56	159.7	28.14	149.8	27.82	145.0	27.48	140.0	27.13	130.8	26.29
	13.0	11.8	158.6	25.82	150.0	25.42	140.8	25.13	136.1	24.82	131.5	24.50	122.8	23.76
	15.0	13.7	150.0	23.43	141.8	23.08	133.2	22.82	128.8	22.55	124.5	22.25	116.2	21.56

7. Capacity Tables

Heating Capacity (50HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	98.9	55.22	98.9	55.19	98.4	52.11	98.4	55.10	98.4	55.08	96.8	55.06
	-21.8	-22	118.6	55.18	118.6	55.14	117.9	53.76	117.9	55.06	117.9	55.61	116.0	55.02
	-19.8	-20	124.2	55.14	124.2	55.10	123.4	54.79	123.4	55.02	123.4	55.19	121.5	54.98
	-18.8	-19	126.9	55.12	126.1	55.10	126.1	55.06	126.1	55.00	126.1	54.98	124.1	54.07
	-16.7	-17	131.6	55.09	131.6	55.06	131.6	55.61	130.9	54.98	130.9	53.10	128.8	52.18
	-13.7	-15	140.3	55.04	140.3	55.01	139.5	54.98	139.5	52.25	139.5	50.43	137.3	49.46
	-11.8	-13	144.8	55.02	144.0	54.98	144.0	53.14	144.0	50.51	144.0	48.72	137.3	47.73
	-9.8	-11	149.6	54.98	149.6	52.91	149.0	51.20	149.0	48.70	147.5	46.94	137.3	45.92
	-9.5	-10	150.5	54.65	150.5	52.59	149.8	50.90	149.8	48.42	147.5	46.68	137.3	45.65
	-8.5	-9.1	153.7	53.56	153.7	51.57	152.9	49.94	152.5	47.50	147.5	45.77	137.3	44.75
	-7.0	-7.6	160.9	51.92	160.3	50.00	157.5	48.47	152.5	46.14	147.5	44.44	137.3	43.38
	-5.0	-5.6	168.0	49.74	166.3	47.94	157.5	46.53	152.5	44.32	147.5	42.65	137.3	41.58
	-3.0	-3.7	172.8	47.56	167.5	45.87	157.5	44.60	152.5	42.49	147.5	40.87	137.3	39.77
	0.0	-0.7	177.7	44.30	167.5	42.76	157.5	41.68	152.5	39.76	147.5	38.18	137.3	37.05
	3.0	2.2	177.7	41.02	167.5	39.65	157.5	38.77	152.5	37.03	147.5	35.52	137.3	34.33
	5.0	4.1	174.1	35.29	164.2	34.08	154.3	33.36	149.5	31.84	144.5	30.48	134.6	29.39
	7.0	6	169.7	32.63	160.0	31.60	150.4	31.05	145.5	29.71	140.8	28.43	131.2	27.34
	9.0	7.9	163.4	29.61	154.2	28.67	145.0	28.18	140.3	26.95	135.7	25.79	126.3	24.79
	11.0	9.8	154.5	26.95	145.8	26.10	137.0	25.66	132.7	24.54	128.3	23.48	119.5	22.58
	13.0	11.8	145.2	23.95	137.0	23.20	128.7	22.80	124.5	21.82	120.5	20.86	112.2	20.06
	15.0	13.7	137.3	21.33	129.5	20.65	121.7	20.29	117.8	19.42	113.9	18.58	106.2	17.87
90	-24.8	-25	98.6	49.79	98.6	50.58	98.0	51.14	98.0	51.40	98.0	51.94	96.5	52.73
	-21.8	-22	118.1	50.58	118.1	51.38	117.4	51.94	117.4	52.20	117.4	52.73	115.5	50.38
	-19.8	-20	123.7	51.12	123.7	51.90	122.9	52.46	122.9	52.73	122.9	51.12	121.1	48.83
	-18.8	-19	126.9	51.38	126.1	52.18	125.6	52.73	125.6	51.90	125.6	50.32	123.6	48.05
	-16.7	-17	131.6	51.94	131.6	52.73	131.0	51.00	131.0	50.15	131.0	48.64	125.5	46.41
	-13.7	-15	140.3	52.73	140.3	50.16	139.0	48.55	139.0	47.68	135.2	46.23	125.5	44.07
	-11.8	-13	144.8	50.96	144.0	48.53	143.5	46.99	139.7	46.10	135.2	44.70	125.5	42.59
	-9.8	-11	149.6	49.11	149.6	46.83	144.1	45.36	139.7	44.44	135.2	43.10	125.5	41.03
	-9.5	-10	150.5	48.82	150.5	46.57	144.1	45.11	139.7	44.19	135.2	42.86	125.5	40.80
	-8.5	-9.1	153.7	47.90	152.5	45.73	144.1	44.29	139.7	43.36	135.2	42.06	125.5	40.01
	-7.0	-7.6	160.9	46.50	153.0	44.44	144.1	43.06	139.7	42.12	135.2	40.85	125.5	38.84
	-5.0	-5.6	162.7	44.64	153.0	42.73	144.1	41.43	139.7	40.47	135.2	39.24	125.5	37.29
	-3.0	-3.7	162.7	42.79	153.0	41.02	144.1	39.79	139.7	38.80	135.2	37.63	125.5	35.72
	0.0	-0.7	162.7	40.00	153.0	38.45	144.1	37.33	139.7	36.32	135.2	35.24	125.5	33.38
	3.0	2.2	162.7	37.22	153.0	35.89	144.1	34.88	139.7	33.84	135.2	32.83	125.5	31.05
	5.0	4.1	159.5	32.03	150.0	30.91	141.2	30.02	136.8	29.08	132.5	28.18	123.0	26.60
	7.0	6	155.3	29.81	146.2	28.90	137.5	28.12	133.3	27.17	129.1	26.36	120.0	24.85
	9.0	7.9	149.7	27.06	140.8	26.22	132.5	25.51	128.4	24.65	124.3	23.91	115.5	22.55
	11.0	9.8	141.6	24.39	133.2	23.63	125.3	23.00	121.5	22.22	117.5	21.56	109.2	20.32
	13.0	11.8	132.9	21.23	125.0	20.58	117.8	20.04	114.1	19.34	110.4	18.77	102.5	17.70
	15.0	13.7	125.8	18.70	118.3	18.13	111.4	17.64	108.0	17.04	104.5	16.53	97.0	15.59
80	-24.8	-25	98.1	43.81	98.1	44.61	97.6	45.17	97.6	45.43	97.6	46.76	96.0	44.70
	-21.8	-22	116.9	44.61	116.9	45.41	116.9	45.96	116.9	46.76	116.9	44.70	112.2	42.73
	-19.8	-20	122.4	45.14	122.4	45.93	122.4	46.76	122.4	45.29	120.3	43.32	112.2	41.41
	-18.8	-19	125.1	45.41	125.1	46.76	125.1	46.01	124.4	44.57	120.5	42.64	112.2	40.76
	-16.7	-17	128.9	46.76	128.9	45.20	128.9	44.46	125.0	43.05	120.5	41.20	112.2	39.38
	-13.7	-15	134.7	44.46	132.2	42.99	128.9	42.23	125.0	40.85	120.5	39.14	112.2	37.41
	-11.8	-13	138.6	42.99	134.5	41.58	128.9	40.82	125.0	39.47	120.5	37.83	112.2	36.15
	-9.8	-11	142.3	41.45	136.2	40.11	128.9	39.34	125.0	38.01	120.5	36.46	112.2	34.84
	-9.5	-10	143.2	41.22	136.9	39.88	128.9	39.11	125.0	37.80	120.5	36.25	112.2	34.64
	-8.5	-9.1	144.5	40.46	137.3	39.15	128.9	38.38	125.0	37.06	120.5	35.56	112.2	33.99
	-7.0	-7.6	145.7	39.30	137.3	38.04	128.9	37.26	125.0	35.97	120.5	34.54	112.2	33.00
	-5.0	-5.6	145.7	37.76	137.3	36.57	128.9	35.79	125.0	34.51	120.5	33.15	112.2	31.69
	-3.0	-3.7	145.7	36.22	137.3	35.09	128.9	34.30	125.0	33.06	120.5	31.79	112.2	30.36
	0.0	-0.7	145.7	33.91	137.3	32.88	128.9	32.08	125.0	30.87	120.5	29.72	112.2	28.39
	3.0	2.2	145.7	31.61	137.3	30.66	128.9	29.85	125.0	28.68	120.5	27.66	112.2	26.43
	5.0	4.1	142.8	27.19	134.5	26.37	126.3	25.63	122.5	24.58	118.0	23.73	110.0	22.66
	7.0	6	139.1	25.39	131.1	24.66	123.0	23.94	119.5	22.94	115.0	22.18	107.1	21.18
	9.0	7.9	134.0	22.36	126.3	21.73	118.6	21.20	115.0	20.40	110.9	19.67	103.2	18.74
	11.0	9.8	126.7	19.52	119.5	18.98	112.2	18.53	108.8	17.81	104.9	17.18	97.5	16.36
	13.0	11.8	119.0	16.62	112.2	16.16	105.3	15.77	102.2	15.16	98.5	14.63	91.7	13.93
	15.0	13.7	112.5	14.63	106.2	14.23	99.7	13.88	96.7	13.34	93.2	12.86	86.7	12.25

7. Capacity Tables

Heating Capacity (50HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	98.1	43.92	98.1	44.18	97.6	44.72	97.6	45.51	97.6	43.30	95.0	41.22
	-21.8	-22	110.5	44.72	110.5	44.97	109.7	45.51	106.0	43.30	102.8	41.22	95.9	39.22
	-19.8	-20	118.6	45.25	116.7	45.51	109.7	43.95	106.0	41.82	102.8	39.84	95.9	37.90
	-18.8	-19	122.0	45.51	116.7	44.70	109.7	43.16	106.0	41.07	102.8	39.15	95.9	37.23
	-16.7	-17	123.5	43.83	116.7	43.00	109.7	41.53	106.0	39.52	102.8	37.70	95.9	35.83
	-13.7	-15	123.5	41.43	116.7	40.58	109.7	39.19	106.0	37.30	102.8	35.63	95.9	33.84
	-11.8	-13	123.5	39.89	116.7	39.04	109.7	37.71	106.0	35.89	102.8	34.31	95.9	32.57
	-9.8	-11	123.5	38.31	116.7	37.43	109.7	36.15	106.0	34.42	102.8	32.94	95.9	31.24
	-9.5	-10	123.5	38.05	116.7	37.18	109.7	35.92	106.0	34.20	102.8	32.74	95.9	31.04
	-8.5	-9.1	123.5	37.26	116.7	36.38	109.7	35.14	106.0	33.46	102.8	32.04	95.9	30.38
	-7.0	-7.6	123.5	36.06	116.7	35.17	109.7	33.97	106.0	32.36	102.8	31.01	95.9	29.38
	-5.0	-5.6	123.5	34.46	116.7	33.55	109.7	32.41	106.0	30.87	102.8	29.62	95.9	28.05
	-3.0	-3.7	123.5	32.86	116.7	31.93	109.7	30.85	106.0	29.39	102.8	28.24	95.9	26.72
	0.0	-0.7	123.5	30.45	116.7	29.51	109.7	28.51	106.0	27.18	102.8	26.17	95.9	24.72
	3.0	2.2	123.5	28.05	116.7	27.08	109.7	26.17	106.0	24.96	102.8	24.11	95.9	22.72
	5.0	4.1	123.5	24.45	114.2	23.03	107.5	22.25	103.8	21.21	100.8	20.52	94.0	19.33
	7.0	6	123.7	23.23	111.4	21.22	104.8	20.52	101.2	19.59	98.3	19.00	91.7	17.86
	9.0	7.9	119.2	19.81	107.3	18.10	100.9	17.50	97.5	16.70	94.6	16.20	88.3	15.23
	11.0	9.8	112.7	17.27	101.5	15.78	95.5	15.26	92.2	14.57	89.5	14.13	83.4	13.27
	13.0	11.8	105.8	14.83	95.3	13.56	89.7	13.10	86.6	12.51	84.0	12.14	78.4	11.40
	15.0	13.7	100.0	12.90	90.2	11.79	84.8	11.40	82.0	10.87	79.5	10.55	74.2	9.92
60	-24.8	-25	94.7	43.31	94.7	43.85	94.1	44.65	90.9	42.29	87.8	40.08	82.2	38.02
	-21.8	-22	101.4	44.11	100.3	44.65	94.1	42.29	90.9	40.08	87.8	38.02	82.2	36.02
	-19.8	-20	106.0	44.65	100.3	42.98	94.1	40.72	90.9	38.61	87.8	36.63	82.2	34.69
	-18.8	-19	106.0	43.81	100.3	42.15	94.1	39.94	90.9	37.88	87.8	35.94	82.2	34.02
	-16.7	-17	106.0	42.03	100.3	40.39	94.1	38.29	90.9	36.34	87.8	34.50	82.2	32.63
	-13.7	-15	106.0	39.50	100.3	37.89	94.1	35.93	90.9	34.14	87.8	32.43	82.2	30.63
	-11.8	-13	106.0	37.90	100.3	36.31	94.1	34.43	90.9	32.73	87.8	31.12	82.2	29.38
	-9.8	-11	106.0	36.21	100.3	34.64	94.1	32.87	90.9	31.27	87.8	29.74	82.2	28.04
	-9.5	-10	106.0	35.95	100.3	34.40	94.1	32.64	90.9	31.04	87.8	29.53	82.2	27.84
	-8.5	-9.1	106.0	35.11	100.3	33.57	94.1	31.85	90.9	30.32	87.8	28.84	82.2	27.18
	-7.0	-7.6	106.0	33.85	100.3	32.32	94.1	30.67	90.9	29.21	87.8	27.80	82.2	26.19
	-5.0	-5.6	106.0	32.16	100.3	30.65	94.1	29.11	90.9	27.74	87.8	26.43	82.2	24.85
	-3.0	-3.7	106.0	30.48	100.3	28.98	94.1	27.54	90.9	26.27	87.8	25.04	82.2	23.52
	0.0	-0.7	106.0	27.94	100.3	26.47	94.1	25.18	90.9	24.06	87.8	22.98	82.2	21.53
	3.0	2.2	106.0	25.42	100.3	23.98	94.1	22.82	90.9	21.86	87.8	20.90	82.2	19.53
	5.0	4.1	103.8	21.49	98.3	20.20	92.2	19.22	89.1	18.44	86.0	17.66	80.5	16.47
	7.0	6	101.2	19.61	95.8	18.38	89.8	17.52	86.8	16.84	83.8	16.15	78.4	15.02
	9.0	7.9	97.5	16.56	92.3	15.50	86.6	14.78	83.7	14.20	80.8	13.63	75.5	12.67
	11.0	9.8	92.2	14.43	87.2	13.51	81.8	12.88	79.1	12.38	76.4	11.88	71.5	11.05
	13.0	11.8	86.6	12.39	82.0	11.61	76.8	11.06	74.2	10.64	71.7	10.19	67.1	9.49
	15.0	13.7	82.0	10.87	77.5	10.19	72.8	9.61	70.3	9.24	67.8	8.86	63.5	8.33
50	-24.8	-25	88.4	38.02	83.4	38.81	78.4	36.73	75.9	34.77	73.3	32.93	68.3	31.22
	-21.8	-22	88.4	38.81	83.4	36.73	78.4	34.77	75.9	32.93	73.3	31.22	68.3	29.57
	-19.8	-20	88.4	37.35	83.4	35.33	78.4	33.47	75.9	31.69	73.3	30.07	68.3	28.46
	-18.8	-19	88.4	36.62	83.4	34.62	78.4	32.83	75.9	31.09	73.3	29.51	68.3	27.93
	-16.7	-17	88.4	35.09	83.4	33.18	78.4	31.46	75.9	29.79	73.3	28.30	68.3	26.77
	-13.7	-15	88.4	32.90	83.4	31.07	78.4	29.50	75.9	27.95	73.3	26.58	68.3	25.12
	-11.8	-13	88.4	31.51	83.4	29.75	78.4	28.26	75.9	26.78	73.3	25.50	68.3	24.09
	-9.8	-11	88.4	30.05	83.4	28.36	78.4	26.96	75.9	25.55	73.3	24.35	68.3	22.98
	-9.5	-10	88.4	29.83	83.4	28.16	78.4	26.76	75.9	25.37	73.3	24.19	68.3	22.82
	-8.5	-9.1	88.4	29.10	83.4	27.45	78.4	26.12	75.9	24.76	73.3	23.62	68.3	22.27
	-7.0	-7.6	88.4	28.00	83.4	26.41	78.4	25.14	75.9	23.83	73.3	22.76	68.3	21.45
	-5.0	-5.6	88.4	26.54	83.4	25.02	78.4	23.85	75.9	22.61	73.3	21.62	68.3	20.36
	-3.0	-3.7	88.4	25.08	83.4	23.62	78.4	22.53	75.9	21.38	73.3	20.47	68.3	19.25
	0.0	-0.7	88.4	22.90	83.4	21.52	78.4	20.59	75.9	19.54	73.3	18.75	68.3	17.61
	3.0	2.2	88.4	20.70	83.4	19.44	78.4	18.63	75.9	17.69	73.3	17.04	68.3	15.96
	5.0	4.1	86.7	17.42	81.7	16.32	76.8	15.68	74.3	14.89	72.0	14.38	67.0	13.45
	7.0	6	84.5	15.83	79.7	14.82	74.8	14.27	72.5	13.56	70.0	13.14	65.3	12.25
	9.0	7.9	81.3	13.49	76.7	12.63	72.1	12.16	69.8	11.56	67.5	11.21	62.9	10.45
	11.0	9.8	77.3	11.90	73.0	11.14	68.5	10.73	66.0	10.19	63.8	9.88	59.5	9.21
	13.0	11.8	72.2	10.10	68.2	9.46	64.1	9.11	62.0	8.70	60.0	8.39	55.8	7.88
	15.0	13.7	68.3	8.90	64.5	8.33	60.5	8.02	58.7	7.63	56.7	7.38	52.8	6.88

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM520LTE5

Heating Capacity (52HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	102.9	53.87	102.9	54.22	102.2	54.53	102.2	54.99	102.2	55.45	100.7	56.14
	-21.8	-22	124.4	54.58	124.4	54.93	123.6	55.24	123.6	55.70	123.6	56.14	121.7	56.84
	-19.8	-20	131.0	55.04	131.0	55.40	130.0	55.70	130.0	56.17	130.0	56.60	128.1	57.31
	-18.8	-19	133.7	55.27	133.7	55.62	132.9	55.93	132.9	56.39	132.9	56.84	130.8	57.53
	-16.7	-17	139.8	55.77	139.8	56.12	139.0	56.43	139.0	56.89	139.0	57.32	136.8	58.03
	-13.7	-15	148.5	56.48	148.5	56.81	147.7	57.12	147.7	57.58	147.7	58.03	145.3	55.78
	-11.8	-13	153.4	56.91	153.4	57.26	152.4	57.57	152.4	58.03	152.4	56.51	150.6	54.35
	-9.8	-11	158.4	57.37	158.4	57.73	157.5	58.03	157.5	56.41	157.5	54.92	155.9	52.86
	-9.5	-10	159.4	57.46	159.4	57.79	158.4	57.78	158.4	56.17	158.3	54.67	156.7	52.63
	-8.5	-9.1	162.7	57.68	162.7	58.03	161.7	56.94	161.7	55.35	160.7	53.87	159.5	51.87
	-7.0	-7.6	167.7	58.03	167.7	56.80	166.6	55.70	166.6	54.12	166.6	52.68	164.2	50.75
	-5.0	-5.6	174.1	56.43	174.1	55.17	173.0	54.04	173.0	52.51	173.0	51.09	169.7	49.25
	-3.0	-3.7	180.7	54.84	180.7	53.53	179.6	52.37	179.6	50.88	179.6	49.48	175.3	47.74
	0.0	-0.7	190.3	52.45	190.3	51.09	189.3	49.86	189.3	48.45	189.3	47.09	183.5	45.49
	3.0	2.2	200.2	50.06	200.2	48.63	198.9	47.37	198.9	46.00	197.4	44.68	184.9	43.24
	5.0	4.1	202.4	44.04	202.1	42.64	200.9	41.44	199.7	40.17	194.7	38.97	181.2	37.70
	7.0	6	201.8	41.71	201.5	40.36	200.3	39.20	196.6	38.05	189.8	36.92	176.6	35.82
	9.0	7.9	195.2	38.73	194.7	37.48	194.2	36.40	189.3	35.33	182.8	34.29	170.1	33.27
	11.0	9.8	184.6	36.24	184.1	35.08	183.6	34.04	179.1	33.05	172.9	32.07	160.9	31.12
	13.0	11.8	173.4	33.24	172.9	32.16	172.4	31.23	168.2	30.32	162.3	29.42	151.1	28.53
	15.0	13.7	164.0	30.72	163.6	29.72	163.0	28.87	159.1	28.02	153.6	27.20	143.0	26.37
120	-24.8	-25	102.2	54.22	102.2	54.53	101.4	54.99	101.4	55.45	101.4	56.14	99.9	56.64
	-21.8	-22	123.6	54.93	123.6	55.24	122.8	55.70	122.8	56.14	122.8	56.84	120.9	57.32
	-19.8	-20	130.0	55.40	130.0	55.70	129.2	56.17	129.2	56.60	129.2	57.31	127.1	57.79
	-18.8	-19	132.9	55.62	132.9	55.93	132.1	56.39	132.1	56.84	132.1	57.53	130.0	58.03
	-16.7	-17	139.0	56.12	139.0	56.43	138.0	56.89	138.0	57.32	138.0	58.03	135.8	56.58
	-13.7	-15	147.4	56.81	147.4	57.12	146.6	57.58	146.6	58.03	146.6	55.86	144.3	54.52
	-11.8	-13	152.3	57.26	152.3	57.57	151.3	58.03	151.3	56.50	151.3	54.50	149.5	53.20
	-9.8	-11	157.3	57.73	157.3	58.03	156.3	56.35	156.3	54.89	156.3	53.06	154.9	51.82
	-9.5	-10	158.4	57.79	158.4	57.77	157.4	56.10	157.4	54.64	157.4	52.84	155.8	51.62
	-8.5	-9.1	161.5	58.03	161.5	56.86	160.6	55.24	160.6	53.84	160.6	52.13	158.8	50.92
	-7.0	-7.6	166.4	56.70	166.4	55.52	165.4	53.99	165.4	52.63	165.2	51.05	162.9	49.88
	-5.0	-5.6	173.0	54.91	173.0	53.74	171.7	52.29	171.7	51.01	171.7	49.61	168.7	48.50
	-3.0	-3.7	179.4	53.12	179.4	51.96	178.3	50.60	178.3	49.40	178.3	48.17	173.7	47.12
	0.0	-0.7	189.0	50.45	189.0	49.27	187.9	48.07	187.9	46.99	186.7	46.00	173.7	45.06
	3.0	2.2	198.9	47.76	198.9	46.58	196.7	45.54	192.9	44.58	186.9	43.85	173.7	42.99
	5.0	4.1	201.2	41.74	200.0	40.62	195.5	39.70	189.0	38.85	183.3	38.28	170.3	37.53
	7.0	6	200.6	39.33	198.4	38.28	190.6	37.51	184.3	36.80	178.6	36.46	165.9	35.80
	9.0	7.9	193.7	36.44	191.1	35.45	183.6	34.76	177.6	34.09	172.1	33.76	159.7	33.15
	11.0	9.8	183.3	33.99	180.7	33.05	173.7	32.41	167.9	31.78	162.7	31.50	151.1	30.92
	13.0	11.8	172.1	31.06	169.8	30.22	163.0	29.62	157.6	29.06	152.9	28.79	141.9	28.28
	15.0	13.7	162.8	28.59	160.7	27.81	154.2	27.28	149.2	26.76	144.6	26.51	134.2	26.03
110	-24.8	-25	101.6	54.53	101.6	54.99	100.9	55.45	100.9	56.14	100.9	56.64	99.4	56.86
	-21.8	-22	122.9	55.24	122.9	55.70	122.1	56.14	122.1	56.84	122.1	57.32	120.2	57.57
	-19.8	-20	129.2	55.70	129.2	56.17	128.5	56.60	128.5	57.31	128.5	57.79	126.3	58.03
	-18.8	-19	132.1	55.93	132.1	56.39	131.3	56.84	131.3	57.53	131.3	58.03	129.2	57.26
	-16.7	-17	138.2	56.43	138.2	56.89	137.2	57.32	137.2	58.03	137.2	56.47	135.0	55.67
	-13.7	-15	146.7	57.12	146.7	57.58	145.6	58.03	145.6	55.66	145.6	54.23	145.6	53.37
	-11.8	-13	151.4	57.57	151.4	58.03	150.5	56.35	150.5	54.17	150.5	52.81	150.5	51.93
	-9.8	-11	156.5	58.03	156.5	56.15	155.5	54.59	155.5	52.58	155.5	51.33	154.7	50.40
	-9.5	-10	157.4	57.72	157.4	55.84	156.6	54.33	156.6	52.35	156.6	51.11	156.0	50.17
	-8.5	-9.1	160.7	56.71	160.7	54.91	159.6	53.46	159.6	51.54	159.6	50.35	156.3	49.42
	-7.0	-7.6	165.6	55.16	165.6	53.48	164.6	52.12	164.6	50.36	164.6	49.24	156.3	48.28
	-5.0	-5.6	172.0	53.12	172.0	51.59	170.9	50.37	170.9	48.79	167.4	47.75	156.3	46.75
	-3.0	-3.7	178.3	51.09	178.3	49.71	177.1	48.60	173.2	47.20	167.4	46.25	156.3	45.23
	0.0	-0.7	188.0	48.01	187.6	46.87	179.1	45.96	173.2	44.82	167.4	44.02	156.3	42.93
	3.0	2.2	197.2	44.94	190.8	44.02	179.1	43.30	173.2	42.47	167.4	41.78	156.3	40.65
	5.0	4.1	197.9	38.93	187.0	38.17	175.5	37.59	169.8	36.93	164.1	36.35	153.2	35.30
	7.0	6	192.9	36.36	182.3	35.82	171.1	35.41	165.4	34.98	159.9	34.54	149.3	33.46
	9.0	7.9	185.7	33.51	175.5	33.00	164.8	32.62	159.4	32.24	153.9	31.83	143.8	30.84
	11.0	9.8	175.7	31.06	166.1	30.60	155.8	30.26	150.8	29.89	145.6	29.51	136.0	28.59
	13.0	11.8	164.9	28.22	156.0	27.79	146.4	27.46	141.5	27.13	136.8	26.78	127.7	25.97
	15.0	13.7	156.0	25.76	147.4	25.37	138.6	25.09	133.9	24.79	129.5	24.46	120.9	23.71

7. Capacity Tables

Heating Capacity (52HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	101.1	60.04	101.1	59.78	100.6	55.63	100.6	59.11	100.6	58.84	98.9	58.70
	-21.8	-22	122.3	59.65	122.3	59.37	121.6	57.38	121.6	58.72	121.6	59.20	119.6	58.31
	-19.8	-20	128.7	59.37	128.7	59.09	127.9	58.47	127.9	58.44	127.9	58.42	125.8	58.03
	-18.8	-19	131.6	59.23	130.8	58.98	130.8	58.72	130.8	58.30	130.8	58.03	128.7	57.10
	-16.7	-17	136.7	58.96	136.7	58.69	136.7	59.20	135.9	58.03	135.9	56.11	133.7	55.16
	-13.7	-15	145.9	58.55	145.9	58.29	145.1	58.03	145.1	55.25	145.1	53.37	142.8	52.37
	-11.8	-13	150.6	58.31	149.8	58.03	149.8	56.17	149.8	53.48	149.8	51.63	142.8	50.59
	-9.8	-11	155.7	58.03	155.7	55.94	155.0	54.20	155.0	51.63	153.4	49.80	142.8	48.73
	-9.5	-10	156.6	57.70	156.6	55.61	155.8	53.89	155.8	51.35	153.4	49.54	142.8	48.46
	-8.5	-9.1	159.9	56.60	159.9	54.58	159.1	52.92	158.6	50.41	153.4	48.61	142.8	47.53
	-7.0	-7.6	167.4	54.95	166.7	52.99	163.8	51.42	158.6	49.01	153.4	47.24	142.8	46.13
	-5.0	-5.6	174.7	52.74	172.9	50.90	163.8	49.45	158.6	47.16	153.4	45.42	142.8	44.29
	-3.0	-3.7	179.7	50.55	174.2	48.81	163.8	47.50	158.6	45.30	153.4	43.59	142.8	42.43
	0.0	-0.7	184.8	47.25	174.2	45.66	163.8	44.53	158.6	42.52	153.4	40.84	142.8	39.64
	3.0	2.2	184.8	43.94	174.2	42.51	163.8	41.58	158.6	39.73	153.4	38.12	142.8	36.85
	5.0	4.1	181.0	37.91	170.8	36.63	160.4	35.87	155.5	34.24	150.3	32.79	139.9	31.61
	7.0	6	176.5	35.20	166.4	34.10	156.5	33.49	151.3	32.05	146.4	30.67	136.5	29.49
	9.0	7.9	170.0	32.24	160.4	31.22	150.8	30.68	145.9	29.34	141.2	28.08	131.3	26.99
	11.0	9.8	160.7	29.66	151.6	28.72	142.5	28.24	138.0	27.00	133.4	25.84	124.3	24.85
	13.0	11.8	151.0	26.70	142.5	25.87	133.9	25.42	129.5	24.32	125.3	23.26	116.7	22.36
	15.0	13.7	142.8	24.15	134.7	23.38	126.6	22.98	122.5	21.99	118.5	21.03	110.5	20.23
90	-24.8	-25	100.8	53.54	100.8	54.23	100.1	54.73	100.1	54.95	100.1	55.44	98.6	56.13
	-21.8	-22	121.8	54.23	121.8	54.94	121.1	55.44	121.1	55.66	121.1	56.13	119.1	53.67
	-19.8	-20	128.2	54.72	128.2	55.40	127.4	55.90	127.4	56.13	127.4	54.45	125.5	52.05
	-18.8	-19	131.6	54.94	130.8	55.65	130.3	56.13	130.3	55.26	130.3	53.61	128.2	51.22
	-16.7	-17	136.7	55.44	136.7	56.13	136.1	54.33	136.1	53.44	136.1	51.85	130.5	49.50
	-13.7	-15	145.9	56.13	145.9	53.45	144.6	51.77	144.6	50.86	140.6	49.33	130.5	47.06
	-11.8	-13	150.6	54.29	149.8	51.76	149.3	50.14	145.3	49.21	140.6	47.73	130.5	45.50
	-9.8	-11	155.7	52.37	155.7	49.99	149.8	48.45	145.3	47.47	140.6	46.06	130.5	43.86
	-9.5	-10	156.6	52.07	156.6	49.71	149.8	48.18	145.3	47.20	140.6	45.81	130.5	43.62
	-8.5	-9.1	159.9	51.11	158.6	48.84	149.8	47.33	145.3	46.35	140.6	44.97	130.5	42.80
	-7.0	-7.6	167.4	49.66	159.1	47.50	149.8	46.05	145.3	45.05	140.6	43.70	130.5	41.57
	-5.0	-5.6	169.2	47.72	159.1	45.72	149.8	44.34	145.3	43.32	140.6	42.02	130.5	39.95
	-3.0	-3.7	169.2	45.80	159.1	43.93	149.8	42.63	145.3	41.58	140.6	40.34	130.5	38.30
	0.0	-0.7	169.2	42.90	159.1	41.25	149.8	40.07	145.3	38.98	140.6	37.83	130.5	35.85
	3.0	2.2	169.2	40.01	159.1	38.60	149.8	37.51	145.3	36.40	140.6	35.31	130.5	33.40
	5.0	4.1	165.9	34.48	156.0	33.29	146.9	32.33	142.2	31.31	137.8	30.35	127.9	28.65
	7.0	6	161.5	32.16	152.1	31.18	143.0	30.34	138.6	29.31	134.2	28.44	124.8	26.80
	9.0	7.9	155.7	29.46	146.4	28.55	137.8	27.78	133.6	26.84	129.2	26.03	120.1	24.55
	11.0	9.8	147.2	26.85	138.6	26.01	130.3	25.31	126.4	24.45	122.2	23.72	113.6	22.37
	13.0	11.8	138.3	23.67	130.0	22.94	122.5	22.34	118.6	21.56	114.9	20.93	106.6	19.73
	15.0	13.7	130.8	21.17	123.0	20.53	115.9	19.98	112.3	19.29	108.7	18.72	100.9	17.65
80	-24.8	-25	100.3	47.17	100.3	47.88	99.8	48.38	99.8	48.60	99.8	49.78	98.1	47.62
	-21.8	-22	120.5	47.88	120.5	48.59	120.5	49.07	120.5	49.78	120.5	47.62	116.7	45.55
	-19.8	-20	126.9	48.35	126.9	49.05	126.9	49.78	126.9	48.24	125.1	46.17	116.7	44.16
	-18.8	-19	129.8	48.59	129.8	49.78	129.8	48.99	129.4	47.48	125.3	45.46	116.7	43.48
	-16.7	-17	134.1	49.78	134.1	48.15	134.1	47.37	130.0	45.89	125.3	43.95	116.7	42.03
	-13.7	-15	140.1	47.38	137.5	45.84	134.1	45.04	130.0	43.59	125.3	41.79	116.7	39.96
	-11.8	-13	143.8	45.85	139.6	44.37	134.1	43.57	130.0	42.15	125.3	40.42	116.7	38.64
	-9.8	-11	147.7	44.24	141.5	42.84	134.1	42.02	130.0	40.62	125.3	38.99	116.7	37.27
	-9.5	-10	148.7	44.00	142.2	42.60	134.1	41.78	130.0	40.40	125.3	38.77	116.7	37.05
	-8.5	-9.1	150.1	43.21	142.8	41.84	134.1	41.02	130.0	39.62	125.3	38.04	116.7	36.38
	-7.0	-7.6	151.6	42.01	142.8	40.67	134.1	39.85	130.0	38.48	125.3	36.97	116.7	35.33
	-5.0	-5.6	151.6	40.40	142.8	39.15	134.1	38.31	130.0	36.96	125.3	35.51	116.7	33.96
	-3.0	-3.7	151.6	38.79	142.8	37.60	134.1	36.76	130.0	35.43	125.3	34.08	116.7	32.56
	0.0	-0.7	151.6	36.39	142.8	35.29	134.1	34.43	130.0	33.15	125.3	31.92	116.7	30.49
	3.0	2.2	151.6	33.99	142.8	32.97	134.1	32.10	130.0	30.85	125.3	29.76	116.7	28.44
	5.0	4.1	148.5	29.28	139.9	28.40	131.3	27.60	127.4	26.47	122.7	25.56	114.4	24.41
	7.0	6	144.6	27.39	136.3	26.60	127.9	25.83	124.3	24.75	119.6	23.93	111.3	22.85
	9.0	7.9	139.4	24.40	131.3	23.70	123.3	23.12	119.6	22.24	115.4	21.45	107.4	20.43
	11.0	9.8	131.8	21.53	124.3	20.93	116.7	20.43	113.1	19.63	109.0	18.94	101.4	18.03
	13.0	11.8	123.8	18.57	116.7	18.05	109.5	17.61	106.3	16.93	102.4	16.33	95.4	15.55
	15.0	13.7	117.0	16.60	110.5	16.14	103.7	15.74	100.6	15.13	97.0	14.58	90.2	13.89

7. Capacity Tables

Heating Capacity (52HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	100.3	47.05	100.3	47.29	99.8	47.76	99.8	48.45	99.8	46.13	98.0	43.94
	-21.8	-22	114.9	47.76	114.9	47.98	114.1	48.45	110.2	46.13	106.9	43.94	99.8	41.84
	-19.8	-20	124.6	48.23	121.4	48.45	114.1	46.82	110.2	44.58	106.9	42.50	99.8	40.44
	-18.8	-19	128.2	48.45	121.4	47.61	114.1	45.99	110.2	43.78	106.9	41.76	99.8	39.74
	-16.7	-17	128.4	46.70	121.4	45.82	114.1	44.28	110.2	42.16	106.9	40.24	99.8	38.26
	-13.7	-15	128.4	44.18	121.4	43.28	114.1	41.82	110.2	39.83	106.9	38.06	99.8	36.16
	-11.8	-13	128.4	42.57	121.4	41.67	114.1	40.27	110.2	38.34	106.9	36.67	99.8	34.83
	-9.8	-11	128.4	40.91	121.4	39.97	114.1	38.62	110.2	36.79	106.9	35.23	99.8	33.42
	-9.5	-10	128.4	40.64	121.4	39.72	114.1	38.38	110.2	36.56	106.9	35.02	99.8	33.21
	-8.5	-9.1	128.4	39.81	121.4	38.87	114.1	37.57	110.2	35.78	106.9	34.28	99.8	32.52
	-7.0	-7.6	128.4	38.55	121.4	37.61	114.1	36.34	110.2	34.63	106.9	33.19	99.8	31.46
	-5.0	-5.6	128.4	36.88	121.4	35.90	114.1	34.69	110.2	33.06	106.9	31.74	99.8	30.07
	-3.0	-3.7	128.4	35.20	121.4	34.21	114.1	33.06	110.2	31.51	106.9	30.28	99.8	28.66
	0.0	-0.7	128.4	32.68	121.4	31.67	114.1	30.60	110.2	29.19	106.9	28.10	99.8	26.56
	3.0	2.2	128.4	30.16	121.4	29.12	114.1	28.14	110.2	26.85	106.9	25.94	99.8	24.44
	5.0	4.1	128.4	26.33	118.8	24.80	111.8	23.95	107.9	22.84	104.8	22.11	97.8	20.83
	7.0	6	128.7	25.06	115.9	22.90	109.0	22.14	105.3	21.14	102.2	20.50	95.4	19.27
	9.0	7.9	124.0	21.57	111.6	19.71	105.0	19.05	101.4	18.18	98.3	17.64	91.8	16.58
	11.0	9.8	117.2	19.01	105.6	17.37	99.3	16.79	95.9	16.03	93.1	15.55	86.8	14.61
	13.0	11.8	110.0	16.54	99.1	15.12	93.3	14.61	90.0	13.94	87.4	13.54	81.6	12.71
	15.0	13.7	104.0	14.60	93.8	13.35	88.2	12.91	85.3	12.31	82.7	11.94	77.2	11.24
60	-24.8	-25	98.5	46.44	98.5	46.91	97.8	47.62	94.6	45.13	91.3	42.79	85.5	40.61
	-21.8	-22	105.5	47.15	104.3	47.62	97.8	45.13	94.6	42.79	91.3	40.61	85.5	38.49
	-19.8	-20	110.2	47.62	104.3	45.86	97.8	43.47	94.6	41.24	91.3	39.14	85.5	37.08
	-18.8	-19	110.2	46.73	104.3	44.99	97.8	42.65	94.6	40.47	91.3	38.41	85.5	36.37
	-16.7	-17	110.2	44.86	104.3	43.12	97.8	40.90	94.6	38.83	91.3	36.89	85.5	34.90
	-13.7	-15	110.2	42.19	104.3	40.49	97.8	38.40	94.6	36.51	91.3	34.69	85.5	32.78
	-11.8	-13	110.2	40.51	104.3	38.81	97.8	36.82	94.6	35.02	91.3	33.30	85.5	31.45
	-9.8	-11	110.2	38.72	104.3	37.05	97.8	35.17	94.6	33.47	91.3	31.85	85.5	30.03
	-9.5	-10	110.2	38.45	104.3	36.79	97.8	34.93	94.6	33.23	91.3	31.62	85.5	29.82
	-8.5	-9.1	110.2	37.56	104.3	35.92	97.8	34.09	94.6	32.47	91.3	30.90	85.5	29.12
	-7.0	-7.6	110.2	36.24	104.3	34.60	97.8	32.85	94.6	31.29	91.3	29.80	85.5	28.07
	-5.0	-5.6	110.2	34.45	104.3	32.84	97.8	31.20	94.6	29.74	91.3	28.34	85.5	26.65
	-3.0	-3.7	110.2	32.68	104.3	31.08	97.8	29.54	94.6	28.19	91.3	26.87	85.5	25.24
	0.0	-0.7	110.2	30.00	104.3	28.42	97.8	27.05	94.6	25.85	91.3	24.69	85.5	23.14
	3.0	2.2	110.2	27.34	104.3	25.79	97.8	24.55	94.6	23.52	91.3	22.49	85.5	21.02
	5.0	4.1	107.9	23.14	102.2	21.75	95.9	20.70	92.6	19.87	89.4	19.02	83.7	17.74
	7.0	6	105.3	21.16	99.6	19.83	93.4	18.91	90.2	18.17	87.1	17.42	81.6	16.20
	9.0	7.9	101.4	18.03	96.0	16.88	90.0	16.09	87.1	15.46	84.0	14.84	78.5	13.80
	11.0	9.8	95.9	15.88	90.7	14.87	85.0	14.18	82.2	13.63	79.5	13.07	74.4	12.16
	13.0	11.8	90.0	13.81	85.3	12.94	79.8	12.33	77.2	11.86	74.6	11.36	69.7	10.58
	15.0	13.7	85.3	12.31	80.6	11.54	75.7	10.89	73.1	10.47	70.5	10.03	66.0	9.43
50	-24.8	-25	92.0	40.62	86.8	41.31	81.6	39.12	79.0	37.06	76.2	35.12	71.0	33.31
	-21.8	-22	92.0	41.31	86.8	39.12	81.6	37.06	79.0	35.12	76.2	33.31	71.0	31.56
	-19.8	-20	92.0	39.78	86.8	37.65	81.6	35.68	79.0	33.81	76.2	32.09	71.0	30.39
	-18.8	-19	92.0	39.01	86.8	36.90	81.6	35.01	79.0	33.17	76.2	31.50	71.0	29.83
	-16.7	-17	92.0	37.40	86.8	35.38	81.6	33.57	79.0	31.79	76.2	30.22	71.0	28.61
	-13.7	-15	92.0	35.10	86.8	33.16	81.6	31.49	79.0	29.85	76.2	28.41	71.0	26.86
	-11.8	-13	92.0	33.63	86.8	31.77	81.6	30.20	79.0	28.62	76.2	27.27	71.0	25.77
	-9.8	-11	92.0	32.10	86.8	30.30	81.6	28.82	79.0	27.32	76.2	26.05	71.0	24.60
	-9.5	-10	92.0	31.86	86.8	30.09	81.6	28.61	79.0	27.13	76.2	25.89	71.0	24.42
	-8.5	-9.1	92.0	31.10	86.8	29.34	81.6	27.94	79.0	26.49	76.2	25.28	71.0	23.84
	-7.0	-7.6	92.0	29.93	86.8	28.25	81.6	26.90	79.0	25.51	76.2	24.37	71.0	22.98
	-5.0	-5.6	92.0	28.40	86.8	26.78	81.6	25.54	79.0	24.22	76.2	23.17	71.0	21.82
	-3.0	-3.7	92.0	26.87	86.8	25.31	81.6	24.15	79.0	22.92	76.2	21.95	71.0	20.65
	0.0	-0.7	92.0	24.57	86.8	23.09	81.6	22.10	79.0	20.98	76.2	20.14	71.0	18.92
	3.0	2.2	92.0	22.25	86.8	20.90	81.6	20.04	79.0	19.03	76.2	18.33	71.0	17.17
	5.0	4.1	90.2	18.75	85.0	17.58	79.8	16.89	77.2	16.04	74.9	15.49	69.7	14.49
	7.0	6	87.9	17.07	82.9	15.99	77.8	15.40	75.4	14.63	72.8	14.17	67.9	13.22
	9.0	7.9	84.5	14.69	79.8	13.75	74.9	13.24	72.6	12.58	70.2	12.20	65.5	11.38
	11.0	9.8	80.4	13.10	75.9	12.26	71.2	11.81	68.6	11.22	66.3	10.87	61.9	10.14
	13.0	11.8	75.1	11.26	71.0	10.55	66.6	10.15	64.5	9.70	62.4	9.35	58.0	8.78
	15.0	13.7	71.0	10.08	67.1	9.43	62.9	9.08	61.1	8.64	59.0	8.36	54.9	7.79

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM540LTE5

Heating Capacity (54HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	106.3	55.51	106.3	55.78	105.6	56.02	105.6	56.38	105.6	56.73	103.6	57.26
	-21.8	-22	129.3	56.06	129.3	56.33	128.4	56.57	128.4	56.93	128.4	57.26	126.0	57.81
	-19.8	-20	136.5	56.42	136.5	56.69	135.5	56.93	135.5	57.29	135.5	57.62	133.0	58.17
	-18.8	-19	139.3	56.59	139.3	56.86	138.5	57.10	138.5	57.46	138.5	57.81	135.8	58.34
	-16.7	-17	145.7	56.98	145.7	57.25	144.8	57.49	144.8	57.85	144.8	58.18	142.1	58.73
	-13.7	-15	154.7	57.53	154.7	57.78	153.9	58.02	153.9	58.38	153.9	58.73	150.9	56.59
	-11.8	-13	159.8	57.86	159.8	58.13	158.8	58.37	158.8	58.73	158.8	57.29	156.4	55.23
	-9.8	-11	165.0	58.22	165.0	58.49	164.1	58.73	164.1	57.21	164.1	55.79	162.2	53.81
	-9.5	-10	166.1	58.29	166.1	58.54	165.0	58.49	165.0	56.99	165.0	55.55	163.1	53.59
	-8.5	-9.1	169.3	58.46	169.3	58.73	168.2	57.72	168.2	56.21	167.4	54.80	166.1	52.87
	-7.0	-7.6	174.1	58.73	174.1	57.61	173.0	56.56	173.0	55.06	173.0	53.67	170.5	51.80
	-5.0	-5.6	180.4	57.28	180.4	56.10	179.3	55.03	179.3	53.56	179.3	52.17	176.3	50.38
	-3.0	-3.7	186.8	55.86	186.8	54.60	185.7	53.48	185.7	52.03	185.7	50.65	182.1	48.94
	0.0	-0.7	196.3	53.71	196.3	52.37	195.2	51.15	195.2	49.75	195.2	48.39	190.6	46.80
	3.0	2.2	206.0	51.56	206.0	50.12	204.6	48.84	204.6	47.45	204.6	46.12	192.0	44.65
	5.0	4.1	208.4	45.53	208.1	44.09	206.8	42.86	206.8	41.56	202.2	40.33	188.2	39.03
	7.0	6	209.2	43.33	208.9	41.92	207.6	40.72	204.1	39.53	197.1	38.35	183.3	37.21
	9.0	7.9	202.7	40.42	202.2	39.12	201.7	38.00	196.6	36.88	189.8	35.79	176.6	34.72
	11.0	9.8	191.7	38.04	191.2	36.81	190.6	35.73	186.0	34.69	179.5	33.65	167.1	32.66
	13.0	11.8	180.1	35.10	179.6	33.96	179.0	32.97	174.7	32.02	168.5	31.06	156.9	30.13
	15.0	13.7	170.3	32.66	169.9	31.60	169.3	30.70	165.2	29.80	159.5	28.92	148.5	28.04
120	-24.8	-25	105.5	55.78	105.5	56.02	104.8	56.38	104.8	56.73	104.8	57.26	102.8	57.65
	-21.8	-22	128.4	56.33	128.4	56.57	127.6	56.93	127.6	57.26	127.6	57.81	125.2	58.18
	-19.8	-20	135.4	56.69	135.4	56.93	134.6	57.29	134.6	57.62	134.6	58.17	131.9	58.54
	-18.8	-19	138.5	56.86	138.5	57.10	137.6	57.46	137.6	57.81	137.6	58.34	134.9	58.73
	-16.7	-17	144.8	57.25	144.8	57.49	143.8	57.85	143.8	58.18	143.8	58.73	141.0	57.34
	-13.7	-15	153.6	57.78	153.6	58.02	152.8	58.38	152.8	58.73	152.8	56.67	149.8	55.38
	-11.8	-13	158.7	58.13	158.7	58.37	157.7	58.73	157.7	57.28	157.7	55.38	155.3	54.13
	-9.8	-11	163.9	58.49	163.9	58.73	162.8	57.15	162.8	55.76	162.8	54.02	161.1	52.82
	-9.5	-10	165.0	58.54	165.0	58.49	163.9	56.91	163.9	55.52	163.9	53.81	162.0	52.63
	-8.5	-9.1	168.0	58.73	168.0	57.64	167.1	56.11	167.1	54.77	167.1	53.13	165.0	51.96
	-7.0	-7.6	172.8	57.50	172.8	56.38	171.7	54.93	171.7	53.62	171.7	52.12	169.2	50.97
	-5.0	-5.6	179.2	55.84	179.2	54.71	177.9	53.32	177.9	52.09	177.9	50.75	175.2	49.66
	-3.0	-3.7	185.5	54.18	185.5	53.05	184.4	51.74	184.4	50.57	184.4	49.38	180.4	48.35
	0.0	-0.7	194.9	51.71	194.9	50.53	193.8	49.36	193.8	48.29	193.8	47.33	180.4	46.39
	3.0	2.2	204.6	49.21	204.6	48.01	203.2	46.97	200.4	46.01	194.1	45.29	180.4	44.41
	5.0	4.1	207.3	43.16	206.5	42.01	203.1	41.08	196.3	40.20	190.3	39.64	176.8	38.87
	7.0	6	208.1	40.86	206.0	39.76	197.9	38.97	191.4	38.22	185.5	37.87	172.3	37.19
	9.0	7.9	201.2	38.02	198.5	36.99	190.6	36.27	184.4	35.57	178.7	35.23	165.8	34.59
	11.0	9.8	190.3	35.64	187.7	34.66	180.4	34.00	174.4	33.33	169.0	33.04	156.9	32.43
	13.0	11.8	178.7	32.76	176.3	31.88	169.3	31.25	163.6	30.66	158.7	30.37	147.4	29.83
	15.0	13.7	169.0	30.36	166.8	29.53	160.1	28.97	155.0	28.41	150.1	28.15	139.3	27.64
110	-24.8	-25	105.0	56.02	105.0	56.38	104.2	56.73	104.2	57.26	104.2	57.65	102.3	57.82
	-21.8	-22	127.6	56.57	127.6	56.93	126.8	57.26	126.8	57.81	126.8	58.18	124.4	58.37
	-19.8	-20	134.7	56.93	134.7	57.29	133.8	57.62	133.8	58.17	133.8	58.54	131.2	58.73
	-18.8	-19	137.7	57.10	137.7	57.46	136.8	57.81	136.8	58.34	136.8	58.73	134.2	57.99
	-16.7	-17	144.0	57.49	144.0	57.85	143.0	58.18	143.0	58.73	143.0	57.23	140.2	56.46
	-13.7	-15	152.8	58.02	152.8	58.38	151.8	58.73	151.8	56.46	151.8	55.09	151.8	54.24
	-11.8	-13	157.7	58.37	157.7	58.73	156.9	57.13	156.9	55.04	156.9	53.73	156.9	52.85
	-9.8	-11	163.1	58.73	163.1	56.94	162.0	55.44	162.0	53.51	162.0	52.31	161.2	51.38
	-9.5	-10	163.9	58.44	163.9	56.65	163.1	55.20	163.1	53.30	163.1	52.09	162.3	51.16
	-8.5	-9.1	167.1	57.47	167.1	55.76	166.1	54.37	166.1	52.53	166.1	51.37	162.3	50.44
	-7.0	-7.6	172.0	56.00	172.0	54.40	170.9	53.09	170.9	51.40	170.9	50.30	162.3	49.34
	-5.0	-5.6	178.2	54.07	178.2	52.60	177.1	51.42	177.1	49.90	173.9	48.88	162.3	47.87
	-3.0	-3.7	184.4	52.14	184.4	50.81	183.3	49.74	179.8	48.38	173.9	47.44	162.3	46.40
	0.0	-0.7	193.9	49.23	193.9	48.10	186.0	47.22	179.8	46.10	173.9	45.30	162.3	44.19
	3.0	2.2	203.3	46.31	198.2	45.40	186.0	44.68	179.8	43.85	173.9	43.16	162.3	41.99
	5.0	4.1	205.4	40.26	194.2	39.48	182.3	38.90	176.3	38.23	170.4	37.64	159.0	36.55
	7.0	6	200.3	37.77	189.3	37.21	177.7	36.78	171.7	36.33	166.0	35.88	155.0	34.76
	9.0	7.9	192.8	34.96	182.3	34.43	171.2	34.04	165.5	33.63	159.9	33.21	149.3	32.17
	11.0	9.8	182.5	32.56	172.5	32.08	161.8	31.73	156.6	31.34	151.2	30.94	141.2	29.98
	13.0	11.8	171.2	29.75	162.0	29.30	152.0	28.96	146.9	28.61	142.0	28.24	132.6	27.39
	15.0	13.7	162.0	27.35	153.1	26.93	143.9	26.64	139.1	26.32	134.4	25.97	125.5	25.17

7. Capacity Tables

Heating Capacity (54HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	104.5	61.37	104.5	61.03	103.9	56.57	103.9	60.15	103.9	59.79	101.8	59.61
	-21.8	-22	127.1	60.85	127.1	60.49	126.3	58.34	126.3	59.63	126.3	60.00	123.9	59.09
	-19.8	-20	134.1	60.49	134.1	60.13	133.3	59.44	133.3	59.27	133.3	59.15	130.6	58.73
	-18.8	-19	137.1	60.31	136.3	59.97	136.3	59.63	136.3	59.09	136.3	58.73	133.6	57.82
	-16.7	-17	142.4	59.95	142.4	59.59	142.4	60.00	141.6	58.73	141.6	56.86	138.9	55.92
	-13.7	-15	152.0	59.41	152.0	59.07	151.2	58.73	151.2	56.03	151.2	54.19	148.3	53.20
	-11.8	-13	156.9	59.09	156.1	58.73	156.1	56.94	156.1	54.32	156.1	52.50	148.3	51.47
	-9.8	-11	162.3	58.73	162.3	56.72	161.4	55.04	161.4	52.53	159.3	50.72	148.3	49.65
	-9.5	-10	163.1	58.41	163.1	56.41	162.3	54.75	162.3	52.26	159.3	50.47	148.3	49.38
	-8.5	-9.1	166.3	57.37	166.3	55.41	165.5	53.81	164.7	51.35	159.3	49.57	148.3	48.47
	-7.0	-7.6	173.9	55.79	173.1	53.89	170.1	52.37	164.7	49.99	159.3	48.23	148.3	47.11
	-5.0	-5.6	181.4	53.68	179.6	51.88	170.1	50.47	164.7	48.20	159.3	46.46	148.3	45.31
	-3.0	-3.7	186.6	51.59	180.9	49.87	170.1	48.59	164.7	46.41	159.3	44.68	148.3	43.50
	0.0	-0.7	191.9	48.43	180.9	46.85	170.1	45.73	164.7	43.71	159.3	42.00	148.3	40.77
	3.0	2.2	191.9	45.27	180.9	43.83	170.1	42.90	164.7	41.01	159.3	39.35	148.3	38.05
	5.0	4.1	187.9	39.19	177.4	37.89	166.6	37.11	161.4	35.44	156.1	33.94	145.3	32.72
	7.0	6	183.3	36.57	172.8	35.42	162.5	34.79	157.2	33.30	152.0	31.86	141.7	30.64
	9.0	7.9	176.6	33.66	166.6	32.60	156.6	32.04	151.5	30.63	146.6	29.32	136.4	28.19
	11.0	9.8	166.9	31.15	157.4	30.17	148.0	29.66	143.3	28.37	138.5	27.14	129.1	26.11
	13.0	11.8	156.8	28.24	147.9	27.37	139.0	26.89	134.5	25.72	130.1	24.61	121.2	23.66
	15.0	13.7	148.3	25.76	139.9	24.94	131.5	24.52	127.2	23.46	123.1	22.43	114.7	21.58
90	-24.8	-25	104.2	54.89	104.2	55.42	103.4	55.81	103.4	55.98	103.4	56.36	101.5	56.89
	-21.8	-22	126.6	55.42	126.6	55.97	125.8	56.36	125.8	56.53	125.8	56.89	123.3	54.47
	-19.8	-20	133.6	55.80	133.6	56.33	132.8	56.72	132.8	56.89	132.8	55.24	130.3	52.88
	-18.8	-19	137.1	55.97	136.3	56.52	135.8	56.89	135.8	56.04	135.8	54.42	133.1	52.06
	-16.7	-17	142.4	56.36	142.4	56.89	141.8	55.14	141.8	54.26	141.8	52.70	135.5	50.36
	-13.7	-15	152.0	56.89	152.0	54.29	150.7	52.64	150.7	51.74	146.0	50.23	135.5	47.97
	-11.8	-13	156.9	55.11	156.1	52.65	155.5	51.06	150.9	50.12	146.0	48.66	135.5	46.43
	-9.8	-11	162.3	53.25	162.3	50.92	155.6	49.41	150.9	48.43	146.0	47.02	135.5	44.81
	-9.5	-10	163.1	52.96	163.1	50.66	155.6	49.14	150.9	48.16	146.0	46.78	135.5	44.57
	-8.5	-9.1	166.3	52.04	165.0	49.80	155.6	48.32	150.9	47.33	146.0	45.95	135.5	43.78
	-7.0	-7.6	173.9	50.63	165.3	48.51	155.6	47.07	150.9	46.06	146.0	44.71	135.5	42.56
	-5.0	-5.6	175.8	48.75	165.3	46.78	155.6	45.40	150.9	44.36	146.0	43.06	135.5	40.96
	-3.0	-3.7	175.8	46.89	165.3	45.03	155.6	43.73	150.9	42.67	146.0	41.42	135.5	39.34
	0.0	-0.7	175.8	44.08	165.3	42.44	155.6	41.24	150.9	40.12	146.0	38.95	135.5	36.93
	3.0	2.2	175.8	41.29	165.3	39.86	155.6	38.74	150.9	37.60	146.0	36.48	135.5	34.51
	5.0	4.1	172.2	35.69	162.0	34.46	152.5	33.48	147.7	32.41	143.1	31.43	132.8	29.67
	7.0	6	167.7	33.41	157.9	32.39	148.5	31.51	143.9	30.45	139.3	29.54	129.6	27.84
	9.0	7.9	161.7	30.76	152.0	29.81	143.1	29.01	138.8	28.02	134.2	27.18	124.7	25.63
	11.0	9.8	152.8	28.20	143.9	27.33	135.3	26.59	131.2	25.68	126.9	24.91	118.0	23.50
	13.0	11.8	143.6	25.04	135.0	24.27	127.2	23.63	123.1	22.81	119.3	22.14	110.7	20.87
	15.0	13.7	135.8	22.59	127.7	21.90	120.4	21.31	116.6	20.57	112.9	19.96	104.8	18.83
80	-24.8	-25	103.7	48.43	103.7	48.98	103.1	49.37	103.1	49.54	103.1	50.45	101.0	48.33
	-21.8	-22	125.2	48.98	125.2	49.53	125.2	49.90	125.2	50.45	125.2	48.33	121.2	46.29
	-19.8	-20	132.2	49.34	132.2	49.89	132.2	50.45	132.2	48.94	130.1	46.90	121.2	44.91
	-18.8	-19	135.2	49.53	135.2	50.45	135.2	49.69	134.8	48.20	130.1	46.21	121.2	44.24
	-16.7	-17	139.3	50.45	139.3	48.87	139.3	48.10	135.0	46.63	130.1	44.72	121.2	42.81
	-13.7	-15	145.5	48.12	142.8	46.61	139.3	45.82	135.0	44.38	130.1	42.60	121.2	40.77
	-11.8	-13	149.3	46.63	144.9	45.18	139.3	44.38	135.0	42.97	130.1	41.24	121.2	39.47
	-9.8	-11	153.3	45.07	146.9	43.69	139.3	42.87	135.0	41.46	130.1	39.84	121.2	38.11
	-9.5	-10	154.4	44.83	147.7	43.45	139.3	42.63	135.0	41.24	130.1	39.62	121.2	37.90
	-8.5	-9.1	155.8	44.06	148.2	42.71	139.3	41.88	135.0	40.48	130.1	38.91	121.2	37.23
	-7.0	-7.6	157.4	42.89	148.2	41.57	139.3	40.74	135.0	39.36	130.1	37.85	121.2	36.20
	-5.0	-5.6	157.4	41.33	148.2	40.08	139.3	39.23	135.0	37.87	130.1	36.42	121.2	34.84
	-3.0	-3.7	157.4	39.77	148.2	38.57	139.3	37.72	135.0	36.36	130.1	35.01	121.2	33.47
	0.0	-0.7	157.4	37.43	148.2	36.31	139.3	35.44	135.0	34.13	130.1	32.88	121.2	31.43
	3.0	2.2	157.4	35.10	148.2	34.06	139.3	33.16	135.0	31.88	130.1	30.76	121.2	29.40
	5.0	4.1	154.2	30.31	145.3	29.41	136.4	28.58	132.3	27.41	127.5	26.48	118.8	25.28
	7.0	6	150.2	28.45	141.5	27.63	132.9	26.83	129.0	25.71	124.2	24.86	115.6	23.74
	9.0	7.9	144.7	25.51	136.4	24.77	128.0	24.16	124.2	23.23	119.8	22.41	111.5	21.34
	11.0	9.8	136.9	22.64	129.0	22.01	121.2	21.47	117.5	20.63	113.2	19.91	105.3	18.96
	13.0	11.8	128.5	19.67	121.2	19.11	113.7	18.64	110.4	17.92	106.4	17.28	99.1	16.46
	15.0	13.7	121.5	17.73	114.7	17.23	107.7	16.80	104.5	16.15	100.7	15.56	93.7	14.82

7. Capacity Tables

Heating Capacity (54HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	103.7	48.18	103.7	48.37	103.1	48.73	103.1	49.26	103.1	46.95	101.0	44.77
	-21.8	-22	119.3	48.73	119.3	48.90	118.5	49.26	114.5	46.95	111.0	44.77	103.7	42.67
	-19.8	-20	129.8	49.09	126.1	49.26	118.5	47.64	114.5	45.41	111.0	43.34	103.7	41.27
	-18.8	-19	133.4	49.26	126.1	48.43	118.5	46.82	114.5	44.62	111.0	42.60	103.7	40.57
	-16.7	-17	133.4	47.53	126.1	46.66	118.5	45.12	114.5	43.00	111.0	41.08	103.7	39.09
	-13.7	-15	133.4	45.04	126.1	44.14	118.5	42.68	114.5	40.68	111.0	38.91	103.7	36.99
	-11.8	-13	133.4	43.45	126.1	42.54	118.5	41.13	114.5	39.20	111.0	37.53	103.7	35.66
	-9.8	-11	133.4	41.80	126.1	40.85	118.5	39.49	114.5	37.66	111.0	36.09	103.7	34.26
	-9.5	-10	133.4	41.54	126.1	40.61	118.5	39.25	114.5	37.42	111.0	35.87	103.7	34.05
	-8.5	-9.1	133.4	40.71	126.1	39.76	118.5	38.45	114.5	36.65	111.0	35.14	103.7	33.35
	-7.0	-7.6	133.4	39.47	126.1	38.51	118.5	37.23	114.5	35.50	111.0	34.05	103.7	32.29
	-5.0	-5.6	133.4	37.82	126.1	36.81	118.5	35.59	114.5	33.94	111.0	32.61	103.7	30.91
	-3.0	-3.7	133.4	36.15	126.1	35.14	118.5	33.97	114.5	32.40	111.0	31.15	103.7	29.50
	0.0	-0.7	133.4	33.65	126.1	32.62	118.5	31.53	114.5	30.09	111.0	28.98	103.7	27.40
	3.0	2.2	133.4	31.16	126.1	30.09	118.5	29.08	114.5	27.75	111.0	26.82	103.7	25.28
	5.0	4.1	133.4	27.27	123.4	25.68	116.1	24.81	112.1	23.66	108.8	22.91	101.5	21.58
	7.0	6	133.6	26.03	120.4	23.79	113.1	23.00	109.3	21.96	106.1	21.29	99.1	20.02
	9.0	7.9	128.8	22.52	115.8	20.58	109.1	19.89	105.3	18.99	102.1	18.42	95.3	17.31
	11.0	9.8	121.7	19.97	109.6	18.24	103.1	17.63	99.6	16.84	96.7	16.33	90.2	15.35
	13.0	11.8	114.2	17.50	102.9	15.99	96.9	15.46	93.4	14.75	90.7	14.32	84.7	13.45
	15.0	13.7	108.0	15.57	97.4	14.24	91.6	13.77	88.5	13.13	85.9	12.74	80.2	11.99
60	-24.8	-25	102.3	47.68	102.3	48.04	101.5	48.59	98.3	46.08	94.8	43.73	88.8	41.53
	-21.8	-22	109.6	48.23	108.3	48.59	101.5	46.08	98.3	43.73	94.8	41.53	88.8	39.39
	-19.8	-20	114.5	48.59	108.3	46.82	101.5	44.42	98.3	42.17	94.8	40.06	88.8	37.97
	-18.8	-19	114.5	47.70	108.3	45.95	101.5	43.59	98.3	41.40	94.8	39.32	88.8	37.25
	-16.7	-17	114.5	45.82	108.3	44.08	101.5	41.83	98.3	39.74	94.8	37.78	88.8	35.77
	-13.7	-15	114.5	43.15	108.3	41.43	101.5	39.32	98.3	37.41	94.8	35.56	88.8	33.63
	-11.8	-13	114.5	41.46	108.3	39.75	101.5	37.74	98.3	35.91	94.8	34.16	88.8	32.28
	-9.8	-11	114.5	39.67	108.3	37.98	101.5	36.07	98.3	34.35	94.8	32.70	88.8	30.85
	-9.5	-10	114.5	39.41	108.3	37.71	101.5	35.83	98.3	34.11	94.8	32.47	88.8	30.64
	-8.5	-9.1	114.5	38.51	108.3	36.84	101.5	34.99	98.3	33.34	94.8	31.75	88.8	29.93
	-7.0	-7.6	114.5	37.19	108.3	35.52	101.5	33.74	98.3	32.15	94.8	30.64	88.8	28.87
	-5.0	-5.6	114.5	35.39	108.3	33.75	101.5	32.08	98.3	30.59	94.8	29.17	88.8	27.44
	-3.0	-3.7	114.5	33.62	108.3	31.98	101.5	30.41	98.3	29.03	94.8	27.69	88.8	26.01
	0.0	-0.7	114.5	30.93	108.3	29.31	101.5	27.90	98.3	26.68	94.8	25.49	88.8	23.89
	3.0	2.2	114.5	28.26	108.3	26.67	101.5	25.39	98.3	24.33	94.8	23.27	88.8	21.75
	5.0	4.1	112.1	23.97	106.1	22.53	99.6	21.44	96.2	20.59	92.9	19.71	86.9	18.38
	7.0	6	109.3	21.98	103.4	20.60	97.0	19.64	93.7	18.87	90.5	18.10	84.8	16.82
	9.0	7.9	105.3	18.82	99.6	17.63	93.4	16.80	90.4	16.14	87.2	15.50	81.6	14.41
	11.0	9.8	99.6	16.68	94.2	15.62	88.3	14.90	85.3	14.31	82.6	13.73	77.2	12.77
	13.0	11.8	93.4	14.61	88.6	13.68	82.9	13.05	80.2	12.54	77.5	12.02	72.4	11.19
	15.0	13.7	88.5	13.13	83.7	12.31	78.6	11.62	75.9	11.17	73.2	10.70	68.6	10.06
50	-24.8	-25	95.6	41.34	90.2	41.87	84.7	39.69	82.0	37.64	79.1	35.71	73.7	33.90
	-21.8	-22	95.6	41.87	90.2	39.69	84.7	37.64	82.0	35.71	79.1	33.90	73.7	32.15
	-19.8	-20	95.6	40.36	90.2	38.23	84.7	36.27	82.0	34.41	79.1	32.68	73.7	30.98
	-18.8	-19	95.6	39.59	90.2	37.49	84.7	35.60	82.0	33.77	79.1	32.09	73.7	30.42
	-16.7	-17	95.6	37.99	90.2	35.97	84.7	34.16	82.0	32.39	79.1	30.82	73.7	29.20
	-13.7	-15	95.6	35.71	90.2	33.77	84.7	32.10	82.0	30.45	79.1	29.01	73.7	27.45
	-11.8	-13	95.6	34.25	90.2	32.39	84.7	30.82	82.0	29.23	79.1	27.87	73.7	26.35
	-9.8	-11	95.6	32.73	90.2	30.93	84.7	29.44	82.0	27.93	79.1	26.65	73.7	25.19
	-9.5	-10	95.6	32.50	90.2	30.71	84.7	29.23	82.0	27.74	79.1	26.49	73.7	25.00
	-8.5	-9.1	95.6	31.75	90.2	29.97	84.7	28.56	82.0	27.10	79.1	25.88	73.7	24.42
	-7.0	-7.6	95.6	30.59	90.2	28.88	84.7	27.53	82.0	26.12	79.1	24.98	73.7	23.57
	-5.0	-5.6	95.6	29.07	90.2	27.42	84.7	26.17	82.0	24.84	79.1	23.78	73.7	22.40
	-3.0	-3.7	95.6	27.55	90.2	25.96	84.7	24.79	82.0	23.54	79.1	22.56	73.7	21.23
	0.0	-0.7	95.6	25.27	90.2	23.76	84.7	22.75	82.0	21.60	79.1	20.75	73.7	19.50
	3.0	2.2	95.6	22.97	90.2	21.58	84.7	20.70	82.0	19.66	79.1	18.95	73.7	17.75
	5.0	4.1	93.7	19.40	88.3	18.20	82.9	17.48	80.2	16.61	77.7	16.05	72.4	15.01
	7.0	6	91.2	17.73	86.1	16.61	80.8	16.00	78.3	15.20	75.6	14.72	70.5	13.73
	9.0	7.9	87.8	15.34	82.9	14.36	77.8	13.83	75.3	13.14	72.9	12.74	68.0	11.88
	11.0	9.8	83.4	13.76	78.8	12.88	74.0	12.40	71.3	11.79	68.9	11.42	64.3	10.65
	13.0	11.8	78.0	11.91	73.7	11.16	69.1	10.74	67.0	10.27	64.8	9.89	60.2	9.28
	15.0	13.7	73.7	10.75	69.7	10.06	65.4	9.69	63.4	9.21	61.3	8.92	57.0	8.31

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM560LTE5

Heating Capacity (56HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	107.7	57.24	107.7	57.66	106.9	58.02	106.9	58.57	106.9	59.09	105.5	59.91
	-21.8	-22	131.2	58.08	131.2	58.49	130.4	58.85	130.4	59.40	130.4	59.91	128.6	60.74
	-19.8	-20	138.7	58.62	138.7	59.04	137.7	59.40	137.7	59.94	137.7	60.45	135.9	61.28
	-18.8	-19	141.7	58.89	141.7	59.30	140.9	59.66	140.9	60.21	140.9	60.74	138.9	61.55
	-16.7	-17	148.3	59.47	148.3	59.89	147.5	60.25	147.5	60.79	147.5	61.30	145.5	62.13
	-13.7	-15	157.8	60.30	157.8	60.70	156.9	61.06	156.9	61.60	156.9	62.13	154.7	59.92
	-11.8	-13	163.1	60.81	163.1	61.23	162.0	61.59	162.0	62.13	162.0	60.65	160.2	58.52
	-9.8	-11	168.5	61.36	168.5	61.77	167.6	62.13	167.6	60.57	167.6	59.10	166.0	57.05
	-9.5	-10	169.8	61.45	169.8	61.85	168.7	61.89	168.7	60.34	168.4	58.86	166.8	56.83
	-8.5	-9.1	174.1	61.72	174.1	62.13	173.0	61.10	173.0	59.55	171.0	58.08	169.8	56.08
	-7.0	-7.6	180.6	62.13	180.6	60.99	179.4	59.92	179.4	58.37	179.4	56.92	175.4	54.98
	-5.0	-5.6	189.0	60.68	189.0	59.46	187.8	58.35	187.8	56.83	187.8	55.38	181.5	53.51
	-3.0	-3.7	197.6	59.24	197.6	57.94	196.4	56.77	196.4	55.26	196.4	53.81	187.6	52.02
	0.0	-0.7	210.3	57.07	210.3	55.67	209.0	54.39	207.9	52.92	205.7	51.49	196.9	49.81
	3.0	2.2	217.7	54.90	217.7	53.38	216.5	52.03	214.9	50.57	212.7	49.15	199.1	47.60
	5.0	4.1	218.4	48.55	218.0	47.03	216.8	45.72	215.3	44.34	209.7	43.03	195.2	41.64
	7.0	6	217.3	46.29	217.0	44.79	215.8	43.50	211.7	42.23	204.4	40.97	190.1	39.75
	9.0	7.9	210.2	43.26	209.7	41.86	209.1	40.66	203.9	39.47	196.8	38.30	183.1	37.16
	11.0	9.8	198.8	40.78	198.3	39.47	197.7	38.31	192.9	37.20	186.2	36.08	173.3	35.02
	13.0	11.8	186.7	37.72	186.2	36.49	185.7	35.43	181.1	34.40	174.7	33.38	162.7	32.38
	15.0	13.7	176.7	35.19	176.2	34.05	175.6	33.07	171.4	32.10	165.4	31.15	154.0	30.21
120	-24.8	-25	106.9	57.66	106.9	58.02	106.1	58.57	106.1	59.09	106.1	59.91	104.7	60.49
	-21.8	-22	130.4	58.49	130.4	58.85	129.6	59.40	129.6	59.91	129.6	60.74	127.8	61.30
	-19.8	-20	137.7	59.04	137.7	59.40	136.8	59.94	136.8	60.45	136.8	61.28	134.8	61.85
	-18.8	-19	140.8	59.30	140.8	59.66	140.0	60.21	140.0	60.74	140.0	61.55	138.0	62.13
	-16.7	-17	147.4	59.89	147.4	60.25	146.4	60.79	146.4	61.30	146.4	62.13	144.4	60.70
	-13.7	-15	156.7	60.70	156.7	61.06	155.8	61.60	155.8	62.13	155.8	60.01	153.6	58.68
	-11.8	-13	162.0	61.23	162.0	61.59	160.9	62.13	160.9	60.64	160.9	58.68	159.1	57.38
	-9.8	-11	167.3	61.77	167.3	62.13	166.2	60.51	166.2	59.07	166.2	57.28	164.8	56.03
	-9.5	-10	168.7	61.85	168.7	61.88	167.6	60.26	167.6	58.83	167.6	57.06	166.0	55.83
	-8.5	-9.1	172.8	62.13	172.8	61.01	171.9	59.44	171.9	58.05	171.4	56.37	169.6	55.14
	-7.0	-7.6	179.2	60.87	179.2	59.72	178.1	58.22	178.1	56.87	176.2	55.31	174.0	54.12
	-5.0	-5.6	187.8	59.18	187.8	58.01	186.4	56.58	186.4	55.30	186.4	53.91	180.3	52.77
	-3.0	-3.7	196.1	57.48	196.1	56.31	195.0	54.95	195.0	53.73	194.1	52.50	186.4	51.41
	0.0	-0.7	208.8	54.96	208.3	53.73	205.0	52.50	203.0	51.38	201.1	50.38	187.0	49.39
	3.0	2.2	216.2	52.42	215.5	51.15	212.0	50.05	207.8	49.03	201.3	48.28	187.0	47.35
	5.0	4.1	217.1	46.03	215.7	44.81	210.6	43.82	203.6	42.89	197.4	42.29	183.4	41.47
	7.0	6	216.1	43.65	213.7	42.48	205.3	41.63	198.5	40.83	192.3	40.46	178.6	39.73
	9.0	7.9	208.6	40.69	205.8	39.58	197.7	38.81	191.2	38.07	185.3	37.70	172.0	37.02
	11.0	9.8	197.4	38.21	194.6	37.16	187.0	36.44	180.9	35.74	175.3	35.41	162.7	34.77
	13.0	11.8	185.3	35.20	182.8	34.25	175.6	33.57	169.7	32.94	164.6	32.62	152.9	32.05
	15.0	13.7	175.3	32.69	173.0	31.80	166.1	31.19	160.7	30.60	155.7	30.31	144.5	29.77
110	-24.8	-25	106.3	58.02	106.3	58.57	105.6	59.09	105.6	59.91	105.6	60.49	104.2	60.76
	-21.8	-22	129.6	58.85	129.6	59.40	128.8	59.91	128.8	60.74	128.8	61.30	127.0	61.59
	-19.8	-20	136.9	59.40	136.9	59.94	136.0	60.45	136.0	61.28	136.0	61.85	134.0	62.13
	-18.8	-19	140.0	59.66	140.0	60.21	139.2	60.74	139.2	61.55	139.2	62.13	137.2	61.36
	-16.7	-17	146.6	60.25	146.6	60.79	145.6	61.30	145.6	62.13	145.6	60.58	143.6	59.77
	-13.7	-15	155.9	61.06	155.9	61.60	154.8	62.13	154.8	59.78	154.8	58.37	154.8	57.48
	-11.8	-13	160.9	61.59	160.9	62.13	160.1	60.48	160.1	58.31	160.1	56.95	160.1	56.03
	-9.8	-11	166.5	62.13	166.5	60.28	165.4	58.74	165.4	56.74	165.4	55.48	164.6	54.51
	-9.5	-10	167.6	61.83	167.6	59.98	166.8	58.48	166.8	56.51	166.8	55.26	166.2	54.28
	-8.5	-9.1	171.9	60.84	171.9	59.07	170.8	57.62	170.8	55.72	170.5	54.52	167.7	53.53
	-7.0	-7.6	178.3	59.32	178.3	57.66	177.2	56.30	177.2	54.55	175.7	53.41	168.3	52.39
	-5.0	-5.6	186.7	57.33	186.7	55.81	185.5	54.58	184.5	53.00	179.4	51.94	168.3	50.87
	-3.0	-3.7	195.0	55.34	195.0	53.95	190.9	52.84	186.5	51.42	180.3	50.45	168.3	49.34
	0.0	-0.7	205.7	52.33	202.3	51.16	192.9	50.24	186.5	49.07	180.3	48.23	168.3	47.04
	3.0	2.2	212.7	49.33	205.5	48.37	192.9	47.62	186.5	46.74	180.3	46.01	168.3	44.77
	5.0	4.1	213.1	42.93	201.3	42.12	189.0	41.50	182.8	40.79	176.7	40.17	164.9	39.00
	7.0	6	207.7	40.35	196.3	39.75	184.2	39.30	178.1	38.81	172.2	38.33	160.7	37.14
	9.0	7.9	200.0	37.41	189.0	36.84	177.5	36.42	171.6	35.99	165.8	35.53	154.9	34.42
	11.0	9.8	189.3	34.91	178.9	34.39	167.7	34.01	162.4	33.59	156.8	33.16	146.4	32.14
	13.0	11.8	177.6	31.96	168.0	31.48	157.6	31.11	152.4	30.74	147.3	30.34	137.5	29.42
	15.0	13.7	168.0	29.45	158.8	29.00	149.2	28.68	144.2	28.33	139.4	27.96	130.2	27.10

7. Capacity Tables

Heating Capacity (56HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	105.8	63.59	105.8	63.40	105.2	59.31	105.2	62.91	105.2	62.72	103.6	62.62
	-21.8	-22	129.0	63.30	129.0	63.10	128.2	61.18	128.2	62.63	128.2	63.20	126.4	62.34
	-19.8	-20	136.3	63.10	136.3	62.90	135.5	62.35	135.5	62.43	135.5	62.49	133.5	62.13
	-18.8	-19	139.5	63.00	138.6	62.82	138.6	62.63	138.6	62.33	138.6	62.13	136.6	61.19
	-16.7	-17	145.0	62.81	145.0	62.61	145.0	63.20	144.2	62.13	144.2	60.19	142.2	59.20
	-13.7	-15	155.1	62.50	155.1	62.32	154.2	62.13	154.2	59.33	154.2	57.40	152.0	56.36
	-11.8	-13	160.1	62.34	159.3	62.13	159.3	60.27	159.3	57.55	159.3	55.65	153.5	54.55
	-9.8	-11	165.6	62.13	165.6	60.05	164.8	58.30	164.8	55.68	163.2	53.79	153.7	52.66
	-9.5	-10	166.8	61.80	166.8	59.73	166.0	58.00	166.0	55.40	163.8	53.53	153.7	52.38
	-8.5	-9.1	171.0	60.72	171.0	58.69	170.2	57.03	170.8	54.46	165.2	52.59	153.7	51.43
	-7.0	-7.6	180.3	59.09	179.5	57.12	176.4	55.53	170.8	53.05	165.2	51.19	153.7	50.01
	-5.0	-5.6	188.2	56.91	186.2	55.04	176.4	53.56	170.8	51.18	165.2	49.35	153.7	48.14
	-3.0	-3.7	193.5	54.75	187.6	52.96	176.4	51.62	170.8	49.32	165.2	47.49	153.7	46.24
	0.0	-0.7	199.1	51.48	187.6	49.82	176.4	48.65	170.8	46.51	165.2	44.71	153.7	43.40
	3.0	2.2	199.1	48.22	187.6	46.69	176.4	45.71	170.8	43.70	165.2	41.94	153.7	40.56
	5.0	4.1	194.9	41.80	184.0	40.41	172.8	39.59	167.4	37.80	161.8	36.21	150.7	34.91
	7.0	6	190.1	39.07	179.2	37.84	168.5	37.17	163.0	35.57	157.7	34.03	147.0	32.73
	9.0	7.9	183.1	35.98	172.7	34.84	162.4	34.24	157.1	32.74	152.0	31.34	141.4	30.13
	11.0	9.8	173.1	33.32	163.3	32.27	153.4	31.72	148.6	30.34	143.6	29.03	133.8	27.92
	13.0	11.8	162.6	30.23	153.4	29.29	144.2	28.78	139.5	27.53	134.9	26.34	125.7	25.32
	15.0	13.7	153.7	27.59	145.1	26.72	136.4	26.26	131.9	25.12	127.7	24.02	119.0	23.11
90	-24.8	-25	105.5	56.88	105.5	57.69	104.7	58.28	104.7	58.54	104.7	59.11	103.3	59.92
	-21.8	-22	128.5	57.69	128.5	58.52	127.7	59.11	127.7	59.37	127.7	59.92	125.9	57.42
	-19.8	-20	135.8	58.26	135.8	59.07	134.9	59.65	134.9	59.92	134.9	58.22	133.1	55.77
	-18.8	-19	139.5	58.52	138.6	59.35	138.1	59.92	138.1	59.04	138.1	57.37	136.1	54.92
	-16.7	-17	145.0	59.11	145.0	59.92	144.4	58.12	144.4	57.21	144.4	55.59	139.6	53.16
	-13.7	-15	155.1	59.92	155.1	57.25	153.7	55.55	153.7	54.61	150.3	53.04	140.6	50.68
	-11.8	-13	160.1	58.10	159.3	55.56	158.7	53.92	155.3	52.94	151.4	51.43	140.6	49.09
	-9.8	-11	165.6	56.19	165.6	53.79	160.2	52.22	156.5	51.19	151.4	49.73	140.6	47.42
	-9.5	-10	166.8	55.90	166.8	53.52	160.8	51.95	156.5	50.92	151.4	49.48	140.6	47.17
	-8.5	-9.1	171.0	54.95	169.7	52.64	161.3	51.10	156.5	50.07	151.4	48.63	140.6	46.35
	-7.0	-7.6	180.3	53.51	171.4	51.31	161.3	49.82	156.5	48.76	151.4	47.35	140.6	45.09
	-5.0	-5.6	182.3	51.58	171.4	49.54	161.3	48.10	156.5	47.01	151.4	45.65	140.6	43.43
	-3.0	-3.7	182.3	49.68	171.4	47.75	161.3	46.39	156.5	45.26	151.4	43.95	140.6	41.76
	0.0	-0.7	182.3	46.80	171.4	45.08	161.3	43.82	156.5	42.64	151.4	41.40	140.6	39.26
	3.0	2.2	182.3	43.95	171.4	42.43	161.3	41.26	156.5	40.04	151.4	38.85	140.6	36.76
	5.0	4.1	178.6	38.04	168.0	36.74	158.2	35.70	153.2	34.56	148.4	33.52	137.8	31.65
	7.0	6	173.9	35.69	163.8	34.60	154.0	33.67	149.3	32.53	144.5	31.56	134.4	29.75
	9.0	7.9	167.7	32.88	157.7	31.86	148.4	31.01	143.9	29.95	139.2	29.05	129.4	27.40
	11.0	9.8	158.5	30.16	149.2	29.23	140.3	28.43	136.1	27.47	131.6	26.65	122.3	25.14
	13.0	11.8	148.9	26.80	140.0	25.97	131.9	25.29	127.7	24.41	123.7	23.70	114.8	22.34
	15.0	13.7	140.8	24.19	132.5	23.46	124.8	22.83	120.9	22.04	117.0	21.39	108.7	20.17
80	-24.8	-25	105.0	50.08	105.0	50.91	104.4	51.50	104.4	51.76	104.4	53.14	102.8	50.94
	-21.8	-22	127.1	50.91	127.1	51.74	127.1	52.31	127.1	53.14	127.1	50.94	123.9	48.82
	-19.8	-20	134.4	51.46	134.4	52.29	134.4	53.14	134.4	51.58	132.6	49.46	125.7	47.40
	-18.8	-19	137.5	51.74	137.5	53.14	137.5	52.35	137.1	50.81	133.5	48.74	125.7	46.70
	-16.7	-17	142.4	53.14	142.4	51.50	142.4	50.71	139.2	49.19	135.0	47.21	125.7	45.22
	-13.7	-15	150.9	50.74	148.1	49.18	144.5	48.36	140.0	46.86	135.0	45.01	125.7	43.10
	-11.8	-13	154.8	49.22	150.3	47.71	144.5	46.88	140.0	45.41	135.0	43.61	125.7	41.76
	-9.8	-11	158.6	47.61	152.1	46.18	144.5	45.32	140.0	43.85	135.0	42.15	125.7	40.35
	-9.5	-10	159.7	47.37	153.0	45.93	144.5	45.07	140.0	43.62	135.0	41.93	125.7	40.13
	-8.5	-9.1	161.3	46.57	153.7	45.17	144.5	44.30	140.0	42.84	135.0	41.19	125.7	39.44
	-7.0	-7.6	163.2	45.37	153.7	44.00	144.5	43.13	140.0	41.68	135.0	40.10	125.7	38.37
	-5.0	-5.6	163.2	43.77	153.7	42.46	144.5	41.57	140.0	40.14	135.0	38.62	125.7	36.96
	-3.0	-3.7	163.2	42.16	153.7	40.91	144.5	40.01	140.0	38.58	135.0	37.16	125.7	35.54
	0.0	-0.7	163.2	39.76	153.7	38.59	144.5	37.66	140.0	36.28	135.0	34.96	125.7	33.42
	3.0	2.2	163.2	37.36	153.7	36.27	144.5	35.31	140.0	33.95	135.0	32.77	125.7	31.32
	5.0	4.1	159.9	32.32	150.7	31.35	141.4	30.48	137.2	29.23	132.2	28.24	123.2	26.96
	7.0	6	155.7	30.40	146.8	29.52	137.8	28.66	133.8	27.46	128.8	26.56	119.9	25.36
	9.0	7.9	150.1	27.26	141.4	26.47	132.8	25.82	128.8	24.82	124.3	23.94	115.6	22.81
	11.0	9.8	142.0	24.21	133.8	23.53	125.7	22.96	121.8	22.05	117.4	21.28	109.2	20.27
	13.0	11.8	133.3	21.04	125.7	20.45	117.9	19.94	114.5	19.17	110.3	18.49	102.7	17.61
	15.0	13.7	126.0	18.99	119.0	18.45	111.7	17.99	108.3	17.29	104.4	16.67	97.1	15.88

7. Capacity Tables

Heating Capacity (56HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	105.0	50.05	105.0	50.33	104.4	50.88	104.4	51.69	104.4	49.30	102.8	47.06
	-21.8	-22	122.5	50.88	122.8	51.14	121.9	51.69	118.7	49.30	115.1	47.06	107.5	44.89
	-19.8	-20	132.2	51.42	129.6	51.69	122.9	50.02	118.7	47.72	115.1	45.58	107.5	43.44
	-18.8	-19	135.9	51.69	130.5	50.84	122.9	49.18	118.7	46.90	115.1	44.82	107.5	42.72
	-16.7	-17	138.0	49.92	130.7	49.02	122.9	47.43	118.7	45.23	115.1	43.25	107.5	41.19
	-13.7	-15	138.3	47.36	130.7	46.43	122.9	44.92	118.7	42.85	115.1	41.01	107.5	39.02
	-11.8	-13	138.3	45.73	130.7	44.79	122.9	43.33	118.7	41.32	115.1	39.59	107.5	37.64
	-9.8	-11	138.3	44.04	130.7	43.05	122.9	41.64	118.7	39.73	115.1	38.10	107.5	36.19
	-9.5	-10	138.3	43.78	130.7	42.80	122.9	41.40	118.7	39.49	115.1	37.88	107.5	35.97
	-8.5	-9.1	138.3	42.93	130.7	41.93	122.9	40.57	118.7	38.70	115.1	37.12	107.5	35.25
	-7.0	-7.6	138.3	41.65	130.7	40.65	122.9	39.32	118.7	37.51	115.1	36.00	107.5	34.16
	-5.0	-5.6	138.3	39.96	130.7	38.91	122.9	37.63	118.7	35.91	115.1	34.52	107.5	32.73
	-3.0	-3.7	138.3	38.25	130.7	37.19	122.9	35.96	118.7	34.32	115.1	33.01	107.5	31.27
	0.0	-0.7	138.3	35.70	130.7	34.60	122.9	33.45	118.7	31.93	115.1	30.77	107.5	29.10
	3.0	2.2	138.3	33.14	130.7	32.01	122.9	30.94	118.7	29.53	115.1	28.54	107.5	26.91
	5.0	4.1	138.3	29.07	128.0	27.37	120.4	26.43	116.2	25.22	112.9	24.42	105.3	23.00
	7.0	6	138.6	27.81	124.8	25.42	117.3	24.56	113.4	23.46	110.0	22.75	102.7	21.38
	9.0	7.9	133.5	24.07	120.1	22.00	113.1	21.26	109.2	20.29	105.9	19.69	98.8	18.50
	11.0	9.8	126.3	21.36	113.7	19.51	107.0	18.86	103.3	18.01	100.2	17.47	93.5	16.42
	13.0	11.8	118.5	18.73	106.7	17.11	100.5	16.55	96.9	15.78	94.1	15.32	87.9	14.39
	15.0	13.7	112.0	16.68	101.1	15.26	94.9	14.75	91.8	14.07	89.0	13.64	83.1	12.84
60	-24.8	-25	103.8	49.36	103.8	49.91	103.0	50.74	100.6	48.17	98.0	45.76	92.1	43.50
	-21.8	-22	112.7	50.19	112.3	50.74	105.3	48.17	101.9	45.76	98.3	43.50	92.1	41.30
	-19.8	-20	118.7	50.74	112.3	48.93	105.3	46.46	101.9	44.16	98.3	41.98	92.1	39.83
	-18.8	-19	118.7	49.82	112.3	48.03	105.3	45.62	101.9	43.37	98.3	41.22	92.1	39.09
	-16.7	-17	118.7	47.91	112.3	46.12	105.3	43.81	101.9	41.66	98.3	39.64	92.1	37.56
	-13.7	-15	118.7	45.19	112.3	43.42	105.3	41.24	101.9	39.27	98.3	37.37	92.1	35.36
	-11.8	-13	118.7	43.47	112.3	41.69	105.3	39.62	101.9	37.73	98.3	35.93	92.1	33.97
	-9.8	-11	118.7	41.64	112.3	39.89	105.3	37.91	101.9	36.13	98.3	34.43	92.1	32.50
	-9.5	-10	118.7	41.37	112.3	39.62	105.3	37.67	101.9	35.89	98.3	34.19	92.1	32.28
	-8.5	-9.1	118.7	40.46	112.3	38.72	105.3	36.80	101.9	35.10	98.3	33.45	92.1	31.55
	-7.0	-7.6	118.7	39.11	112.3	37.37	105.3	35.53	101.9	33.88	98.3	32.31	92.1	30.46
	-5.0	-5.6	118.7	37.29	112.3	35.56	105.3	33.82	101.9	32.28	98.3	30.79	92.1	28.99
	-3.0	-3.7	118.7	35.48	112.3	33.75	105.3	32.12	101.9	30.68	98.3	29.28	92.1	27.52
	0.0	-0.7	118.7	32.74	112.3	31.03	105.3	29.55	101.9	28.27	98.3	27.02	92.1	25.33
	3.0	2.2	118.7	30.02	112.3	28.33	105.3	26.98	101.9	25.86	98.3	24.74	92.1	23.13
	5.0	4.1	116.2	25.52	110.1	23.99	103.3	22.83	99.7	21.93	96.3	21.00	90.2	19.58
	7.0	6	113.4	23.49	107.3	22.01	100.5	20.98	97.2	20.16	93.8	19.34	87.9	17.97
	9.0	7.9	109.2	20.12	103.3	18.84	96.9	17.96	93.8	17.25	90.4	16.57	84.6	15.40
	11.0	9.8	103.3	17.84	97.7	16.70	91.6	15.93	88.5	15.31	85.6	14.68	80.1	13.66
	13.0	11.8	96.9	15.64	91.8	14.65	86.0	13.96	83.2	13.42	80.4	12.86	75.1	11.98
	15.0	13.7	91.8	14.07	86.8	13.18	81.5	12.45	78.7	11.97	75.9	11.46	71.1	10.77
50	-24.8	-25	99.1	43.29	93.5	44.10	87.9	41.83	85.1	39.70	82.1	37.67	76.5	35.79
	-21.8	-22	99.1	44.10	93.5	41.83	87.9	39.70	85.1	37.67	82.1	35.79	76.5	33.96
	-19.8	-20	99.1	42.52	93.5	40.31	87.9	38.26	85.1	36.32	82.1	34.52	76.5	32.74
	-18.8	-19	99.1	41.73	93.5	39.54	87.9	37.57	85.1	35.65	82.1	33.90	76.5	32.15
	-16.7	-17	99.1	40.07	93.5	37.96	87.9	36.07	85.1	34.22	82.1	32.58	76.5	30.87
	-13.7	-15	99.1	37.69	93.5	35.67	87.9	33.92	85.1	32.19	82.1	30.69	76.5	29.04
	-11.8	-13	99.1	36.18	93.5	34.23	87.9	32.58	85.1	30.92	82.1	29.50	76.5	27.90
	-9.8	-11	99.1	34.60	93.5	32.71	87.9	31.15	85.1	29.56	82.1	28.23	76.5	26.68
	-9.5	-10	99.1	34.36	93.5	32.48	87.9	30.93	85.1	29.37	82.1	28.05	76.5	26.49
	-8.5	-9.1	99.1	33.58	93.5	31.71	87.9	30.23	85.1	28.70	82.1	27.42	76.5	25.88
	-7.0	-7.6	99.1	32.37	93.5	30.58	87.9	29.16	85.1	27.68	82.1	26.48	76.5	24.99
	-5.0	-5.6	99.1	30.79	93.5	29.06	87.9	27.74	85.1	26.34	82.1	25.22	76.5	23.77
	-3.0	-3.7	99.1	29.22	93.5	27.54	87.9	26.31	85.1	24.99	82.1	23.95	76.5	22.55
	0.0	-0.7	99.1	26.84	93.5	25.24	87.9	24.18	85.1	22.96	82.1	22.07	76.5	20.74
	3.0	2.2	99.1	24.45	93.5	22.97	87.9	22.04	85.1	20.94	82.1	20.18	76.5	18.91
	5.0	4.1	97.1	20.68	91.6	19.40	86.0	18.64	83.2	17.71	80.6	17.11	75.0	16.01
	7.0	6	94.6	18.94	89.3	17.74	83.8	17.09	81.2	16.23	78.4	15.73	73.1	14.67
	9.0	7.9	91.0	16.40	86.0	15.35	80.7	14.78	78.1	14.04	75.6	13.61	70.5	12.70
	11.0	9.8	86.5	14.71	81.7	13.77	76.7	13.26	73.9	12.61	71.4	12.21	66.6	11.39
	13.0	11.8	80.9	12.75	76.4	11.95	71.7	11.50	69.4	10.99	67.2	10.59	62.5	9.94
	15.0	13.7	76.5	11.51	72.2	10.78	67.8	10.38	65.8	9.87	63.5	9.56	59.1	8.91

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM580LTE5

Heating Capacity (58HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	116.3	60.06	116.3	60.31	115.4	60.53	115.4	60.86	115.4	61.19	113.3	61.68
	-21.8	-22	140.2	60.57	140.2	60.82	139.3	61.04	139.3	61.37	139.3	61.68	136.7	62.19
	-19.8	-20	147.5	60.90	147.5	61.15	146.4	61.37	146.4	61.71	146.4	62.01	143.7	62.52
	-18.8	-19	150.4	61.05	150.4	61.31	149.5	61.53	149.5	61.86	149.5	62.19	146.6	62.68
	-16.7	-17	156.9	61.42	156.9	61.67	155.9	61.89	155.9	62.22	155.9	62.53	153.0	63.04
	-13.7	-15	166.2	61.92	166.2	62.16	165.2	62.38	165.2	62.71	165.2	63.04	162.1	60.65
	-11.8	-13	171.6	62.23	171.6	62.48	170.5	62.70	170.5	63.04	170.5	61.42	167.7	59.13
	-9.8	-11	177.2	62.56	177.2	62.82	176.3	63.04	176.3	61.32	176.3	59.74	173.7	57.55
	-9.5	-10	178.3	62.63	178.3	62.86	177.2	62.77	177.2	61.07	177.1	59.48	174.6	57.31
	-8.5	-9.1	181.8	62.78	181.8	63.04	180.7	61.89	180.7	60.21	179.8	58.64	177.6	56.51
	-7.0	-7.6	187.0	63.04	187.0	61.75	185.9	60.58	185.9	58.91	185.9	57.37	182.2	55.31
	-5.0	-5.6	193.8	61.37	193.8	60.04	192.6	58.85	192.6	57.22	192.6	55.69	188.1	53.73
	-3.0	-3.7	200.7	59.72	200.7	58.33	199.5	57.09	199.5	55.50	199.5	53.99	194.1	52.13
	0.0	-0.7	210.9	57.24	210.9	55.78	209.7	54.46	209.7	52.94	209.7	51.47	203.1	49.74
	3.0	2.2	221.4	54.76	221.4	53.21	219.9	51.84	219.9	50.35	219.9	48.92	206.2	47.35
	5.0	4.1	224.0	48.25	223.7	46.72	222.3	45.41	222.3	44.03	217.2	42.71	202.1	41.32
	7.0	6	224.9	45.79	224.6	44.31	223.1	43.03	219.2	41.77	211.7	40.53	196.9	39.32
	9.0	7.9	217.8	42.60	217.2	41.22	216.6	40.04	211.1	38.87	203.9	37.71	189.7	36.59
	11.0	9.8	205.9	39.95	205.4	38.67	204.8	37.53	199.8	36.44	192.8	35.35	179.5	34.31
	13.0	11.8	193.4	36.74	192.9	35.54	192.3	34.51	187.6	33.51	181.0	32.51	168.5	31.53
	15.0	13.7	183.0	34.05	182.4	32.94	181.9	32.00	177.5	31.06	171.4	30.14	159.5	29.23
120	-24.8	-25	115.4	60.31	115.4	60.53	114.6	60.86	114.6	61.19	114.6	61.68	112.5	62.04
	-21.8	-22	139.3	60.82	139.3	61.04	138.4	61.37	138.4	61.68	138.4	62.19	135.8	62.53
	-19.8	-20	146.3	61.15	146.3	61.37	145.4	61.71	145.4	62.01	145.4	62.52	142.6	62.86
	-18.8	-19	149.4	61.31	149.4	61.53	148.5	61.86	148.5	62.19	148.5	62.68	145.7	63.04
	-16.7	-17	155.9	61.67	155.9	61.89	154.8	62.22	154.8	62.53	154.8	63.04	151.9	61.49
	-13.7	-15	165.0	62.16	165.0	62.38	164.1	62.71	164.1	63.04	164.1	60.74	160.9	59.31
	-11.8	-13	170.5	62.48	170.5	62.70	169.3	63.04	169.3	61.42	169.3	59.30	166.6	57.91
	-9.8	-11	176.0	62.82	176.0	63.04	174.9	61.26	174.9	59.71	174.9	57.77	172.5	56.45
	-9.5	-10	177.1	62.86	177.1	62.76	176.0	60.99	176.0	59.45	176.0	57.54	173.4	56.24
	-8.5	-9.1	180.4	63.04	180.4	61.80	179.5	60.09	179.5	58.60	179.3	56.79	176.5	55.50
	-7.0	-7.6	185.6	61.64	185.6	60.39	184.4	58.77	184.4	57.32	184.0	55.65	180.8	54.39
	-5.0	-5.6	192.5	59.76	192.5	58.51	191.2	56.97	191.2	55.61	191.2	54.12	186.9	52.93
	-3.0	-3.7	199.3	57.88	199.3	56.64	198.1	55.19	198.1	53.91	198.1	52.60	192.9	51.47
	0.0	-0.7	209.5	55.08	209.5	53.80	208.3	52.52	208.3	51.36	208.3	50.30	193.7	49.29
	3.0	2.2	219.9	52.26	219.9	50.97	218.4	49.85	215.2	48.81	208.5	48.02	193.7	47.08
	5.0	4.1	222.8	45.74	222.0	44.51	218.1	43.51	210.9	42.58	204.4	41.97	189.9	41.15
	7.0	6	223.7	43.18	221.3	42.02	212.6	41.18	205.6	40.39	199.2	40.02	185.0	39.30
	9.0	7.9	216.1	40.08	213.2	38.98	204.8	38.22	198.0	37.49	191.9	37.13	178.1	36.46
	11.0	9.8	204.4	37.46	201.6	36.43	193.7	35.72	187.3	35.03	181.5	34.71	168.5	34.08
	13.0	11.8	192.0	34.31	189.4	33.39	181.9	32.72	175.8	32.11	170.5	31.80	158.3	31.24
	15.0	13.7	181.6	31.67	179.2	30.81	172.0	30.22	166.4	29.64	161.2	29.36	149.7	28.83
110	-24.8	-25	114.8	60.53	114.8	60.86	114.0	61.19	114.0	61.68	114.0	62.04	111.9	62.19
	-21.8	-22	138.5	61.04	138.5	61.37	137.6	61.68	137.6	62.19	137.6	62.53	135.0	62.70
	-19.8	-20	145.5	61.37	145.5	61.71	144.6	62.01	144.6	62.52	144.6	62.86	141.7	63.04
	-18.8	-19	148.6	61.53	148.6	61.86	147.7	62.19	147.7	62.68	147.7	63.04	144.8	62.21
	-16.7	-17	155.0	61.89	155.0	62.22	153.9	62.53	153.9	63.04	153.9	61.37	151.0	60.52
	-13.7	-15	164.1	62.38	164.1	62.71	163.0	63.04	163.0	60.51	163.0	59.00	163.0	58.07
	-11.8	-13	169.4	62.70	169.4	63.04	168.4	61.25	168.4	58.93	168.4	57.49	168.4	56.53
	-9.8	-11	175.1	63.04	175.1	61.04	174.0	59.38	174.0	57.24	174.0	55.91	172.5	54.91
	-9.5	-10	176.0	62.71	176.0	60.72	175.1	59.11	175.1	57.00	175.1	55.67	174.3	54.67
	-8.5	-9.1	179.5	61.63	179.5	59.73	178.4	58.18	178.4	56.14	178.4	54.87	174.3	53.86
	-7.0	-7.6	184.7	59.99	184.7	58.21	183.5	56.76	183.5	54.89	183.5	53.69	174.3	52.65
	-5.0	-5.6	191.4	57.84	191.4	56.21	190.2	54.91	190.2	53.22	186.7	52.11	174.3	51.02
	-3.0	-3.7	198.1	55.68	198.1	54.21	197.0	53.03	193.2	51.53	186.7	50.51	174.3	49.40
	0.0	-0.7	208.3	52.43	208.3	51.20	199.8	50.23	193.2	49.01	186.7	48.14	174.3	46.95
	3.0	2.2	218.5	49.17	212.9	48.19	199.8	47.41	193.2	46.51	186.7	45.76	174.3	44.52
	5.0	4.1	220.7	42.66	208.5	41.83	195.8	41.20	189.4	40.48	183.0	39.86	170.8	38.70
	7.0	6	215.1	39.91	203.3	39.32	190.8	38.87	184.5	38.40	178.3	37.91	166.5	36.74
	9.0	7.9	207.1	36.85	195.8	36.29	183.8	35.88	177.8	35.45	171.7	35.00	160.4	33.91
	11.0	9.8	196.0	34.22	185.3	33.72	173.7	33.35	168.2	32.93	162.4	32.51	151.7	31.51
	13.0	11.8	183.9	31.17	174.0	30.69	163.3	30.34	157.8	29.97	152.5	29.58	142.4	28.69
	15.0	13.7	174.0	28.54	164.5	28.10	154.5	27.79	149.4	27.46	144.4	27.10	134.8	26.26

7. Capacity Tables

Heating Capacity (58HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	114.2	65.23	114.2	64.95	113.6	60.53	113.6	64.21	113.6	63.92	111.3	63.77
	-21.8	-22	137.9	64.80	137.9	64.50	137.0	62.44	137.0	63.78	137.0	64.12	134.4	63.34
	-19.8	-20	144.9	64.50	144.9	64.20	144.0	63.61	144.0	63.48	144.0	63.40	141.2	63.04
	-18.8	-19	148.0	64.35	147.1	64.07	147.1	63.78	147.1	63.33	147.1	63.04	144.2	62.04
	-16.7	-17	153.3	64.05	153.3	63.75	153.3	64.12	152.5	63.04	152.5	60.98	149.6	59.96
	-13.7	-15	163.3	63.60	163.3	63.32	162.4	63.04	162.4	60.06	162.4	58.05	159.2	56.97
	-11.8	-13	168.5	63.34	167.6	63.04	167.6	61.05	167.6	58.17	167.6	56.19	159.2	55.07
	-9.8	-11	174.2	63.04	174.2	60.81	173.4	58.95	173.4	56.20	171.1	54.23	159.2	53.08
	-9.5	-10	175.1	62.68	175.1	60.46	174.3	58.63	174.3	55.90	171.1	53.96	159.2	52.78
	-8.5	-9.1	178.6	61.52	178.6	59.36	177.7	57.59	176.9	54.90	171.1	52.96	159.2	51.79
	-7.0	-7.6	186.7	59.76	185.9	57.67	182.7	56.00	176.9	53.41	171.1	51.50	159.2	50.29
	-5.0	-5.6	194.9	57.42	192.9	55.45	182.7	53.90	176.9	51.43	171.1	49.55	159.2	48.32
	-3.0	-3.7	200.4	55.09	194.3	53.22	182.7	51.82	176.9	49.45	171.1	47.59	159.2	46.33
	0.0	-0.7	206.2	51.59	194.3	49.87	182.7	48.66	176.9	46.47	171.1	44.65	159.2	43.34
	3.0	2.2	206.2	48.08	194.3	46.52	182.7	45.52	176.9	43.50	171.1	41.74	159.2	40.35
	5.0	4.1	201.9	41.54	190.5	40.14	179.0	39.31	173.4	37.53	167.6	35.94	156.1	34.65
	7.0	6	196.9	38.65	185.6	37.43	174.5	36.77	168.8	35.19	163.3	33.67	152.2	32.38
	9.0	7.9	189.6	35.35	178.9	34.23	168.2	33.65	162.7	32.17	157.4	30.80	146.5	29.60
	11.0	9.8	179.2	32.48	169.1	31.46	158.9	30.93	154.0	29.58	148.8	28.30	138.6	27.22
	13.0	11.8	168.5	29.20	158.9	28.29	149.3	27.80	144.4	26.60	139.8	25.44	130.2	24.46
	15.0	13.7	159.2	26.37	150.2	25.53	141.2	25.09	136.6	24.01	132.2	22.96	123.2	22.09
90	-24.8	-25	113.9	58.95	113.9	59.44	113.1	59.80	113.1	59.96	113.1	60.31	111.0	60.80
	-21.8	-22	137.3	59.44	137.3	59.95	136.4	60.31	136.4	60.47	136.4	60.80	133.8	58.18
	-19.8	-20	144.3	59.79	144.3	60.28	143.4	60.64	143.4	60.80	143.4	59.01	140.8	56.45
	-18.8	-19	148.0	59.95	147.1	60.46	146.5	60.80	146.5	59.88	146.5	58.12	143.6	55.57
	-16.7	-17	153.3	60.31	153.3	60.80	152.7	58.89	152.7	57.94	152.7	56.25	145.6	53.73
	-13.7	-15	163.3	60.80	163.3	57.97	161.8	56.18	161.8	55.20	156.9	53.57	145.6	51.13
	-11.8	-13	168.5	58.86	167.6	56.17	167.0	54.45	162.1	53.44	156.9	51.87	145.6	49.47
	-9.8	-11	174.2	56.83	174.2	54.29	167.1	52.65	162.1	51.60	156.9	50.08	145.6	47.72
	-9.5	-10	175.1	56.51	175.1	54.01	167.1	52.37	162.1	51.32	156.9	49.82	145.6	47.46
	-8.5	-9.1	178.6	55.50	177.2	53.08	167.1	51.47	162.1	50.41	156.9	48.93	145.6	46.59
	-7.0	-7.6	186.7	53.96	177.5	51.66	167.1	50.11	162.1	49.03	156.9	47.58	145.6	45.27
	-5.0	-5.6	188.8	51.91	177.5	49.78	167.1	48.30	162.1	47.19	156.9	45.79	145.6	43.54
	-3.0	-3.7	188.8	49.88	177.5	47.88	167.1	46.48	162.1	45.34	156.9	44.00	145.6	41.79
	0.0	-0.7	188.8	46.81	177.5	45.05	167.1	43.76	162.1	42.58	156.9	41.33	145.6	39.17
	3.0	2.2	188.8	43.77	177.5	42.23	167.1	41.05	162.1	39.83	156.9	38.65	145.6	36.56
	5.0	4.1	185.0	37.78	174.0	36.47	163.8	35.43	158.7	34.31	153.7	33.26	142.7	31.40
	7.0	6	180.1	35.30	169.6	34.23	159.5	33.30	154.6	32.18	149.7	31.22	139.2	29.43
	9.0	7.9	173.7	32.31	163.3	31.30	153.7	30.46	149.0	29.43	144.2	28.54	134.0	26.92
	11.0	9.8	164.2	29.40	154.5	28.49	145.3	27.72	140.9	26.78	136.3	25.98	126.7	24.50
	13.0	11.8	154.2	25.88	145.0	25.09	136.6	24.43	132.3	23.58	128.1	22.89	118.9	21.58
	15.0	13.7	145.9	23.12	137.2	22.41	129.3	21.81	125.3	21.06	121.2	20.43	112.5	19.27
80	-24.8	-25	113.3	52.05	113.3	52.56	112.7	52.92	112.7	53.08	112.7	53.92	110.4	51.62
	-21.8	-22	135.9	52.56	135.9	53.07	135.9	53.41	135.9	53.92	135.9	51.62	130.2	49.41
	-19.8	-20	142.8	52.89	142.8	53.40	142.8	53.92	142.8	52.28	139.8	50.07	130.2	47.92
	-18.8	-19	145.9	53.07	145.9	53.92	145.9	53.09	145.0	51.48	139.8	49.32	130.2	47.20
	-16.7	-17	149.6	53.92	149.6	52.19	149.6	51.36	145.0	49.78	139.8	47.71	130.2	45.65
	-13.7	-15	156.3	51.38	153.4	49.74	149.6	48.88	145.0	47.33	139.8	45.41	130.2	43.44
	-11.8	-13	160.7	49.76	156.0	48.18	149.6	47.32	145.0	45.80	139.8	43.94	130.2	42.03
	-9.8	-11	165.0	48.06	157.9	46.56	149.6	45.68	145.0	44.16	139.8	42.41	130.2	40.56
	-9.5	-10	166.1	47.80	158.8	46.30	149.6	45.42	145.0	43.93	139.8	42.18	130.2	40.34
	-8.5	-9.1	167.5	46.96	159.2	45.49	149.6	44.61	145.0	43.10	139.8	41.41	130.2	39.61
	-7.0	-7.6	169.0	45.68	159.2	44.26	149.6	43.37	145.0	41.89	139.8	40.26	130.2	38.50
	-5.0	-5.6	169.0	43.98	159.2	42.63	149.6	41.73	145.0	40.27	139.8	38.71	130.2	37.03
	-3.0	-3.7	169.0	42.28	159.2	40.99	149.6	40.08	145.0	38.64	139.8	37.19	130.2	35.54
	0.0	-0.7	169.0	39.73	159.2	38.54	149.6	37.61	145.0	36.21	139.8	34.88	130.2	33.33
	3.0	2.2	169.0	37.19	159.2	36.09	149.6	35.13	145.0	33.77	139.8	32.58	130.2	31.14
	5.0	4.1	165.6	32.08	156.0	31.12	146.5	30.25	142.1	29.01	136.9	28.02	127.6	26.75
	7.0	6	161.3	30.07	152.0	29.20	142.7	28.35	138.6	27.17	133.4	26.27	124.2	25.09
	9.0	7.9	155.4	26.76	146.5	25.99	137.5	25.35	133.4	24.38	128.7	23.51	119.7	22.40
	11.0	9.8	147.0	23.58	138.6	22.92	130.2	22.37	126.2	21.49	121.6	20.74	113.1	19.75
	13.0	11.8	138.0	20.31	130.2	19.74	122.1	19.25	118.6	18.51	114.3	17.86	106.4	17.01
	15.0	13.7	130.5	18.13	123.2	17.62	115.7	17.19	112.2	16.51	108.1	15.92	100.6	15.16

7. Capacity Tables

Heating Capacity (58HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	113.3	51.65	113.3	51.82	112.7	52.16	112.7	52.65	112.7	50.15	109.5	47.80
	-21.8	-22	128.2	52.16	128.2	52.31	127.3	52.65	123.0	50.15	119.2	47.80	111.3	45.53
	-19.8	-20	138.0	52.49	135.4	52.65	127.3	50.89	123.0	48.48	119.2	46.24	111.3	44.02
	-18.8	-19	142.0	52.65	135.4	51.75	127.3	50.00	123.0	47.63	119.2	45.45	111.3	43.27
	-16.7	-17	143.3	50.77	135.4	49.83	127.3	48.16	123.0	45.87	119.2	43.81	111.3	41.67
	-13.7	-15	143.3	48.07	135.4	47.10	127.3	45.52	123.0	43.37	119.2	41.46	111.3	39.41
	-11.8	-13	143.3	46.34	135.4	45.37	127.3	43.85	123.0	41.77	119.2	39.97	111.3	37.97
	-9.8	-11	143.3	44.56	135.4	43.54	127.3	42.08	123.0	40.11	119.2	38.42	111.3	36.46
	-9.5	-10	143.3	44.27	135.4	43.27	127.3	41.82	123.0	39.85	119.2	38.19	111.3	36.23
	-8.5	-9.1	143.3	43.38	135.4	42.36	127.3	40.95	123.0	39.02	119.2	37.39	111.3	35.48
	-7.0	-7.6	143.3	42.03	135.4	41.00	127.3	39.63	123.0	37.78	119.2	36.22	111.3	34.34
	-5.0	-5.6	143.3	40.24	135.4	39.17	127.3	37.86	123.0	36.09	119.2	34.66	111.3	32.84
	-3.0	-3.7	143.3	38.43	135.4	37.35	127.3	36.10	123.0	34.42	119.2	33.09	111.3	31.33
	0.0	-0.7	143.3	35.72	135.4	34.62	127.3	33.46	123.0	31.92	119.2	30.74	111.3	29.06
	3.0	2.2	143.3	33.02	135.4	31.89	127.3	30.82	123.0	29.40	119.2	28.41	111.3	26.78
	5.0	4.1	143.3	28.87	132.5	27.18	124.7	26.26	120.4	25.04	116.9	24.24	109.0	22.83
	7.0	6	143.5	27.51	129.3	25.14	121.5	24.30	117.4	23.20	114.0	22.50	106.4	21.15
	9.0	7.9	138.3	23.65	124.4	21.61	117.1	20.89	113.1	19.94	109.7	19.35	102.4	18.18
	11.0	9.8	130.8	20.82	117.7	19.02	110.8	18.39	107.0	17.56	103.8	17.03	96.8	16.00
	13.0	11.8	122.7	18.09	110.5	16.53	104.1	15.98	100.4	15.25	97.4	14.80	91.0	13.90
	15.0	13.7	116.0	15.94	104.7	14.58	98.3	14.09	95.1	13.44	92.2	13.04	86.1	12.27
60	-24.8	-25	109.9	51.17	109.9	51.51	109.1	52.02	105.5	49.30	101.8	46.76	95.4	44.39
	-21.8	-22	117.7	51.68	116.3	52.02	109.1	49.30	105.5	46.76	101.8	44.39	95.4	42.08
	-19.8	-20	123.0	52.02	116.3	50.10	109.1	47.50	105.5	45.07	101.8	42.79	95.4	40.54
	-18.8	-19	123.0	51.05	116.3	49.15	109.1	46.61	105.5	44.24	101.8	41.99	95.4	39.77
	-16.7	-17	123.0	49.01	116.3	47.13	109.1	44.70	105.5	42.45	101.8	40.33	95.4	38.17
	-13.7	-15	123.0	46.12	116.3	44.26	109.1	41.99	105.5	39.93	101.8	37.94	95.4	35.86
	-11.8	-13	123.0	44.28	116.3	42.44	109.1	40.27	105.5	38.30	101.8	36.43	95.4	34.41
	-9.8	-11	123.0	42.34	116.3	40.52	109.1	38.47	105.5	36.62	101.8	34.85	95.4	32.87
	-9.5	-10	123.0	42.05	116.3	40.24	109.1	38.21	105.5	36.36	101.8	34.60	95.4	32.64
	-8.5	-9.1	123.0	41.08	116.3	39.29	109.1	37.30	105.5	35.53	101.8	33.82	95.4	31.87
	-7.0	-7.6	123.0	39.64	116.3	37.86	109.1	35.95	105.5	34.25	101.8	32.62	95.4	30.73
	-5.0	-5.6	123.0	37.70	116.3	35.94	109.1	34.15	105.5	32.56	101.8	31.03	95.4	29.19
	-3.0	-3.7	123.0	35.78	116.3	34.02	109.1	32.35	105.5	30.87	101.8	29.43	95.4	27.65
	0.0	-0.7	123.0	32.86	116.3	31.14	109.1	29.63	105.5	28.33	101.8	27.06	95.4	25.36
	3.0	2.2	123.0	29.97	116.3	28.28	109.1	26.92	105.5	25.79	101.8	24.66	95.4	23.05
	5.0	4.1	120.4	25.38	114.0	23.86	107.0	22.70	103.3	21.79	99.8	20.87	93.4	19.46
	7.0	6	117.4	23.23	111.1	21.77	104.1	20.75	100.7	19.94	97.2	19.13	91.0	17.78
	9.0	7.9	113.1	19.77	107.0	18.51	100.4	17.65	97.1	16.95	93.7	16.28	87.6	15.13
	11.0	9.8	107.0	17.39	101.2	16.28	94.9	15.53	91.7	14.92	88.7	14.32	82.9	13.32
	13.0	11.8	100.4	15.11	95.1	14.15	89.1	13.49	86.1	12.97	83.2	12.42	77.8	11.57
	15.0	13.7	95.1	13.44	89.9	12.60	84.4	11.89	81.5	11.43	78.6	10.95	73.7	10.30
50	-24.8	-25	102.6	44.26	96.8	44.75	91.0	42.40	88.1	40.19	85.0	38.10	79.2	36.16
	-21.8	-22	102.6	44.75	96.8	42.40	91.0	40.19	88.1	38.10	85.0	36.16	79.2	34.28
	-19.8	-20	102.6	43.11	96.8	40.82	91.0	38.71	88.1	36.70	85.0	34.85	79.2	33.02
	-18.8	-19	102.6	42.28	96.8	40.02	91.0	37.99	88.1	36.02	85.0	34.22	79.2	32.42
	-16.7	-17	102.6	40.56	96.8	38.39	91.0	36.44	88.1	34.54	85.0	32.85	79.2	31.10
	-13.7	-15	102.6	38.09	96.8	36.01	91.0	34.22	88.1	32.45	85.0	30.90	79.2	29.22
	-11.8	-13	102.6	36.52	96.8	34.52	91.0	32.83	88.1	31.13	85.0	29.67	79.2	28.05
	-9.8	-11	102.6	34.88	96.8	32.95	91.0	31.35	88.1	29.73	85.0	28.36	79.2	26.79
	-9.5	-10	102.6	34.63	96.8	32.72	91.0	31.12	88.1	29.53	85.0	28.18	79.2	26.60
	-8.5	-9.1	102.6	33.82	96.8	31.92	91.0	30.40	88.1	28.84	85.0	27.53	79.2	25.97
	-7.0	-7.6	102.6	32.57	96.8	30.74	91.0	29.29	88.1	27.78	85.0	26.56	79.2	25.05
	-5.0	-5.6	102.6	30.93	96.8	29.17	91.0	27.83	88.1	26.41	85.0	25.27	79.2	23.80
	-3.0	-3.7	102.6	29.29	96.8	27.59	91.0	26.34	88.1	25.01	85.0	23.96	79.2	22.54
	0.0	-0.7	102.6	26.83	96.8	25.22	91.0	24.14	88.1	22.92	85.0	22.01	79.2	20.68
	3.0	2.2	102.6	24.34	96.8	22.87	91.0	21.93	88.1	20.83	85.0	20.07	79.2	18.80
	5.0	4.1	100.6	20.54	94.8	19.26	89.1	18.50	86.2	17.57	83.5	16.98	77.7	15.88
	7.0	6	98.0	18.74	92.5	17.55	86.7	16.90	84.1	16.06	81.2	15.56	75.7	14.51
	9.0	7.9	94.3	16.11	89.0	15.08	83.6	14.52	80.9	13.80	78.3	13.38	73.0	12.48
	11.0	9.8	89.6	14.34	84.7	13.43	79.5	12.93	76.6	12.29	74.0	11.91	69.0	11.10
	13.0	11.8	83.8	12.31	79.1	11.54	74.3	11.11	71.9	10.61	69.6	10.23	64.7	9.60
	15.0	13.7	79.2	11.00	74.8	10.30	70.2	9.92	68.1	9.43	65.8	9.13	61.2	8.51

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM600LTE5

Heating Capacity (60HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	118.5	63.66	118.5	63.87	117.6	64.05	117.6	64.32	117.6	64.59	115.5	64.98
	-21.8	-22	144.0	64.08	144.0	64.29	143.1	64.47	143.1	64.74	143.1	64.98	140.4	65.40
	-19.8	-20	152.1	64.35	152.1	64.56	150.9	64.74	150.9	65.01	150.9	65.25	148.2	65.67
	-18.8	-19	155.1	64.47	155.1	64.68	154.2	64.86	154.2	65.13	154.2	65.40	151.2	65.79
	-16.7	-17	162.0	64.77	162.0	64.98	161.1	65.16	161.1	65.43	161.1	65.67	158.1	66.09
	-13.7	-15	171.9	65.19	171.9	65.37	171.0	65.55	171.0	65.82	171.0	66.09	167.7	63.69
	-11.8	-13	177.6	65.43	177.6	65.64	176.4	65.82	176.4	66.09	176.4	64.47	173.7	62.16
	-9.8	-11	183.3	65.70	183.3	65.91	182.4	66.09	182.4	64.38	182.4	62.79	180.0	60.57
	-9.5	-10	184.5	65.76	184.5	65.94	183.3	65.82	183.3	64.14	183.3	62.52	180.9	60.33
	-8.5	-9.1	188.1	65.88	188.1	66.09	186.9	64.95	186.9	63.27	186.0	61.68	184.2	59.52
	-7.0	-7.6	193.5	66.09	193.5	64.83	192.3	63.66	192.3	61.98	192.3	60.42	189.0	58.32
	-5.0	-5.6	200.4	64.47	200.4	63.15	199.2	61.95	199.2	60.30	199.2	58.74	195.3	56.73
	-3.0	-3.7	207.6	62.88	207.6	61.47	206.4	60.21	206.4	58.59	206.4	57.03	201.6	55.11
	0.0	-0.7	218.1	60.48	218.1	58.98	216.9	57.60	216.9	56.04	216.9	54.51	211.2	52.71
	3.0	2.2	228.9	58.08	228.9	56.46	227.4	55.02	227.4	53.46	227.4	51.96	213.3	50.31
	5.0	4.1	231.6	51.30	231.3	49.68	229.8	48.30	229.8	46.83	224.7	45.45	209.1	43.98
	7.0	6	232.5	48.84	232.2	47.25	230.7	45.90	226.8	44.55	219.0	43.23	203.7	41.94
	9.0	7.9	225.3	45.57	224.7	44.10	224.1	42.84	218.4	41.58	210.9	40.35	196.2	39.15
	11.0	9.8	213.0	42.90	212.4	41.52	211.8	40.29	206.7	39.12	199.5	37.95	185.7	36.84
	13.0	11.8	200.1	39.60	199.5	38.31	198.9	37.20	194.1	36.12	187.2	35.04	174.3	33.99
	15.0	13.7	189.3	36.87	188.7	35.67	188.1	34.65	183.6	33.63	177.3	32.64	165.0	31.65
120	-24.8	-25	117.6	63.87	117.6	64.05	116.7	64.32	116.7	64.59	116.7	64.98	114.6	65.28
	-21.8	-22	143.1	64.29	143.1	64.47	142.2	64.74	142.2	64.98	142.2	65.40	139.5	65.67
	-19.8	-20	150.9	64.56	150.9	64.74	150.0	65.01	150.0	65.25	150.0	65.67	147.0	65.94
	-18.8	-19	154.2	64.68	154.2	64.86	153.3	65.13	153.3	65.40	153.3	65.79	150.3	66.09
	-16.7	-17	161.1	64.98	161.1	65.16	159.9	65.43	159.9	65.67	159.9	66.09	156.9	64.53
	-13.7	-15	170.7	65.37	170.7	65.55	169.8	65.82	169.8	66.09	169.8	63.78	166.5	62.34
	-11.8	-13	176.4	65.64	176.4	65.82	175.2	66.09	175.2	64.47	175.2	62.34	172.5	60.93
	-9.8	-11	182.1	65.91	182.1	66.09	180.9	64.32	180.9	62.76	180.9	60.81	178.8	59.46
	-9.5	-10	183.3	65.94	183.3	65.82	182.1	64.05	182.1	62.49	182.1	60.57	179.7	59.25
	-8.5	-9.1	186.6	66.09	186.6	64.86	185.7	63.15	185.7	61.65	185.7	59.82	183.0	58.50
	-7.0	-7.6	192.0	64.71	192.0	63.45	190.8	61.83	190.8	60.36	190.8	58.68	187.5	57.39
	-5.0	-5.6	199.2	62.85	199.2	61.59	197.7	60.03	197.7	58.65	197.7	57.15	194.1	55.92
	-3.0	-3.7	206.1	60.99	206.1	59.73	204.9	58.26	204.9	56.94	204.9	55.62	200.4	54.45
	0.0	-0.7	216.6	58.23	216.6	56.91	215.4	55.59	215.4	54.39	215.4	53.31	200.4	52.26
	3.0	2.2	227.4	55.44	227.4	54.09	225.9	52.92	222.6	51.84	215.7	51.03	200.4	50.04
	5.0	4.1	230.4	48.63	229.5	47.34	225.6	46.29	218.1	45.30	211.5	44.67	196.5	43.80
	7.0	6	231.3	46.05	228.9	44.82	219.9	43.92	212.7	43.08	206.1	42.69	191.4	41.91
	9.0	7.9	223.5	42.87	220.5	41.70	211.8	40.89	204.9	40.11	198.6	39.72	184.2	39.00
	11.0	9.8	211.5	40.20	208.5	39.09	200.4	38.34	193.8	37.59	187.8	37.26	174.3	36.57
	13.0	11.8	198.6	36.96	195.9	35.97	188.1	35.25	181.8	34.59	176.4	34.26	163.8	33.66
	15.0	13.7	187.8	34.26	185.4	33.33	177.9	32.70	172.2	32.07	166.8	31.77	154.8	31.20
110	-24.8	-25	117.0	64.05	117.0	64.32	116.1	64.59	116.1	64.98	116.1	65.28	114.0	65.40
	-21.8	-22	142.2	64.47	142.2	64.74	141.3	64.98	141.3	65.40	141.3	65.67	138.6	65.82
	-19.8	-20	150.0	64.74	150.0	65.01	149.1	65.25	149.1	65.67	149.1	65.94	146.1	66.09
	-18.8	-19	153.3	64.86	153.3	65.13	152.4	65.40	152.4	65.79	152.4	66.09	149.4	65.25
	-16.7	-17	160.2	65.16	160.2	65.43	159.0	65.67	159.0	66.09	159.0	64.41	156.0	63.54
	-13.7	-15	169.8	65.55	169.8	65.82	168.6	66.09	168.6	63.54	168.6	62.01	168.6	61.05
	-11.8	-13	175.2	65.82	175.2	66.09	174.3	64.29	174.3	61.95	174.3	60.48	174.3	59.49
	-9.8	-11	181.2	66.09	181.2	64.08	180.0	62.40	180.0	60.24	180.0	58.89	178.8	57.84
	-9.5	-10	182.1	65.76	182.1	63.75	181.2	62.13	181.2	60.00	181.2	58.65	180.3	57.60
	-8.5	-9.1	185.7	64.68	185.7	62.76	184.5	61.20	184.5	59.13	184.5	57.84	180.3	56.79
	-7.0	-7.6	191.1	63.03	191.1	61.23	189.9	59.76	189.9	57.87	189.9	56.64	180.3	55.56
	-5.0	-5.6	198.0	60.87	198.0	59.22	196.8	57.90	196.8	56.19	193.2	55.05	180.3	53.91
	-3.0	-3.7	204.9	58.71	204.9	57.21	203.7	56.01	199.8	54.48	193.2	53.43	180.3	52.26
	0.0	-0.7	215.4	55.44	215.4	54.18	206.7	53.19	199.8	51.93	193.2	51.03	180.3	49.77
	3.0	2.2	225.9	52.17	220.2	51.15	206.7	50.34	199.8	49.41	193.2	48.63	180.3	47.31
	5.0	4.1	228.3	45.36	215.7	44.49	202.5	43.83	195.9	43.08	189.3	42.42	176.7	41.19
	7.0	6	222.6	42.57	210.3	41.94	197.4	41.46	190.8	40.95	184.5	40.44	172.2	39.18
	9.0	7.9	214.2	39.42	202.5	38.82	190.2	38.37	183.9	37.92	177.6	37.44	165.9	36.27
	11.0	9.8	202.8	36.72	191.7	36.18	179.7	35.79	174.0	35.34	168.0	34.89	156.9	33.81
	13.0	11.8	190.2	33.57	180.0	33.06	168.9	32.67	163.2	32.28	157.8	31.86	147.3	30.90
	15.0	13.7	180.0	30.87	170.1	30.39	159.9	30.06	154.5	29.70	149.4	29.31	139.5	28.41

7. Capacity Tables

Heating Capacity (60HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	116.4	70.05	116.4	69.54	115.8	64.05	115.8	68.22	115.8	67.68	113.4	67.41
	-21.8	-22	141.6	69.27	141.6	68.73	140.7	66.06	140.7	67.44	140.7	67.71	138.0	66.63
	-19.8	-20	149.4	68.73	149.4	68.19	148.5	67.29	148.5	66.90	148.5	66.63	145.5	66.09
	-18.8	-19	152.7	68.46	151.8	67.95	151.8	67.44	151.8	66.63	151.8	66.09	148.8	65.07
	-16.7	-17	158.4	67.92	158.4	67.38	158.4	67.71	157.5	66.09	157.5	63.99	154.5	62.94
	-13.7	-15	168.9	67.11	168.9	66.60	168.0	66.09	168.0	63.06	168.0	60.99	164.7	59.88
	-11.8	-13	174.3	66.63	173.4	66.09	173.4	64.08	173.4	61.14	173.4	59.10	164.7	57.93
	-9.8	-11	180.3	66.09	180.3	63.84	179.4	61.95	179.4	59.13	177.0	57.09	164.7	55.89
	-9.5	-10	181.2	65.73	181.2	63.48	180.3	61.62	180.3	58.83	177.0	56.82	164.7	55.59
	-8.5	-9.1	184.8	64.56	184.8	62.37	183.9	60.57	183.0	57.81	177.0	55.80	164.7	54.57
	-7.0	-7.6	193.2	62.79	192.3	60.66	189.0	58.95	183.0	56.28	177.0	54.30	164.7	53.04
	-5.0	-5.6	201.6	60.42	199.5	58.41	189.0	56.82	183.0	54.27	177.0	52.32	164.7	51.03
	-3.0	-3.7	207.3	58.08	201.0	56.16	189.0	54.72	183.0	52.26	177.0	50.31	164.7	48.99
	0.0	-0.7	213.3	54.54	201.0	52.77	189.0	51.51	183.0	49.23	177.0	47.31	164.7	45.93
	3.0	2.2	213.3	51.00	201.0	49.38	189.0	48.33	183.0	46.20	177.0	44.34	164.7	42.87
	5.0	4.1	208.8	44.16	197.1	42.69	185.1	41.82	179.4	39.93	173.4	38.25	161.4	36.87
	7.0	6	203.7	41.22	192.0	39.93	180.6	39.21	174.6	37.53	168.9	35.91	157.5	34.53
	9.0	7.9	196.2	37.98	185.1	36.78	174.0	36.15	168.3	34.56	162.9	33.09	151.5	31.80
	11.0	9.8	185.4	35.19	174.9	34.08	164.4	33.51	159.3	32.04	153.9	30.66	143.4	29.49
	13.0	11.8	174.3	31.95	164.4	30.96	154.5	30.42	149.4	29.10	144.6	27.84	134.7	26.76
	15.0	13.7	164.7	29.19	155.4	28.26	146.1	27.78	141.3	26.58	136.8	25.41	127.5	24.45
90	-24.8	-25	116.1	62.70	116.1	63.09	115.2	63.39	115.2	63.51	115.2	63.81	113.1	64.20
	-21.8	-22	141.0	63.09	141.0	63.51	140.1	63.81	140.1	63.93	140.1	64.20	137.4	61.47
	-19.8	-20	148.8	63.39	148.8	63.78	147.9	64.08	147.9	64.20	147.9	62.34	145.2	59.67
	-18.8	-19	152.7	63.51	151.8	63.93	151.2	64.20	151.2	63.24	151.2	61.41	148.2	58.74
	-16.7	-17	158.4	63.81	158.4	64.20	157.8	62.22	157.8	61.23	157.8	59.46	150.6	56.82
	-13.7	-15	168.9	64.20	168.9	61.26	167.4	59.40	167.4	58.38	162.3	56.67	150.6	54.12
	-11.8	-13	174.3	62.19	173.4	59.40	172.8	57.60	167.7	56.55	162.3	54.90	150.6	52.38
	-9.8	-11	180.3	60.09	180.3	57.45	172.8	55.74	167.7	54.63	162.3	53.04	150.6	50.55
	-9.5	-10	181.2	59.76	181.2	57.15	172.8	55.44	167.7	54.33	162.3	52.77	150.6	50.28
	-8.5	-9.1	184.8	58.71	183.3	56.19	172.8	54.51	167.7	53.40	162.3	51.84	150.6	49.38
	-7.0	-7.6	193.2	57.12	183.6	54.72	172.8	53.10	167.7	51.96	162.3	50.43	150.6	48.00
	-5.0	-5.6	195.3	54.99	183.6	52.77	172.8	51.21	167.7	50.04	162.3	48.57	150.6	46.20
	-3.0	-3.7	195.3	52.89	183.6	50.79	172.8	49.32	167.7	48.12	162.3	46.71	150.6	44.37
	0.0	-0.7	195.3	49.71	183.6	47.85	172.8	46.50	167.7	45.24	162.3	43.92	150.6	41.64
	3.0	2.2	195.3	46.56	183.6	44.94	172.8	43.68	167.7	42.39	162.3	41.13	150.6	38.91
	5.0	4.1	191.4	40.23	180.0	38.85	169.5	37.74	164.1	36.54	159.0	35.43	147.6	33.45
	7.0	6	186.3	37.65	175.5	36.51	165.0	35.52	159.9	34.32	154.8	33.30	144.0	31.38
	9.0	7.9	179.7	34.71	168.9	33.63	159.0	32.73	154.2	31.62	149.1	30.66	138.6	28.92
	11.0	9.8	169.8	31.86	159.9	30.87	150.3	30.03	145.8	29.01	141.0	28.14	131.1	26.55
	13.0	11.8	159.6	28.32	150.0	27.45	141.3	26.73	136.8	25.80	132.6	25.05	123.0	23.61
	15.0	13.7	150.9	25.59	141.9	24.81	133.8	24.15	129.6	23.31	125.4	22.62	116.4	21.33
80	-24.8	-25	115.5	55.41	115.5	55.83	114.9	56.13	114.9	56.25	114.9	56.94	112.5	54.54
	-21.8	-22	139.5	55.83	139.5	56.25	139.5	56.52	139.5	56.94	139.5	54.54	134.7	52.23
	-19.8	-20	147.3	56.10	147.3	56.52	147.3	56.94	147.3	55.23	144.6	52.92	134.7	50.67
	-18.8	-19	150.6	56.25	150.6	56.94	150.6	56.07	150.0	54.39	144.6	52.14	134.7	49.92
	-16.7	-17	154.8	56.94	154.8	55.14	154.8	54.27	150.0	52.62	144.6	50.46	134.7	48.30
	-13.7	-15	161.7	54.30	158.7	52.59	154.8	51.69	150.0	50.07	144.6	48.06	134.7	45.99
	-11.8	-13	165.9	52.62	161.1	50.97	154.8	50.07	150.0	48.48	144.6	46.53	134.7	44.52
	-9.8	-11	170.4	50.85	163.2	49.29	154.8	48.36	150.0	46.77	144.6	44.94	134.7	42.99
	-9.5	-10	171.6	50.58	164.1	49.02	154.8	48.09	150.0	46.53	144.6	44.70	134.7	42.75
	-8.5	-9.1	173.1	49.71	164.7	48.18	154.8	47.25	150.0	45.66	144.6	43.89	134.7	42.00
	-7.0	-7.6	174.9	48.39	164.7	46.89	154.8	45.96	150.0	44.40	144.6	42.69	134.7	40.83
	-5.0	-5.6	174.9	46.62	164.7	45.21	154.8	44.25	150.0	42.72	144.6	41.07	134.7	39.30
	-3.0	-3.7	174.9	44.85	164.7	43.50	154.8	42.54	150.0	41.01	144.6	39.48	134.7	37.74
	0.0	-0.7	174.9	42.21	164.7	40.95	154.8	39.96	150.0	38.49	144.6	37.08	134.7	35.43
	3.0	2.2	174.9	39.57	164.7	38.40	154.8	37.38	150.0	35.94	144.6	34.68	134.7	33.15
	5.0	4.1	171.3	34.17	161.4	33.15	151.5	32.22	147.0	30.90	141.6	29.85	132.0	28.50
	7.0	6	166.8	32.07	157.2	31.14	147.6	30.24	143.4	28.98	138.0	28.02	128.4	26.76
	9.0	7.9	160.8	28.80	151.5	27.96	142.2	27.27	138.0	26.22	133.2	25.29	123.9	24.09
	11.0	9.8	152.1	25.59	143.4	24.87	134.7	24.27	130.5	23.31	125.7	22.50	117.0	21.42
	13.0	11.8	142.8	22.26	134.7	21.63	126.3	21.09	122.7	20.28	118.2	19.56	110.1	18.63
	15.0	13.7	135.0	20.10	127.5	19.53	119.7	19.05	116.1	18.30	111.9	17.64	104.1	16.80

7. Capacity Tables

Heating Capacity (60HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	115.5	54.78	115.5	54.93	114.9	55.20	114.9	55.59	114.9	52.98	112.5	50.52
	-21.8	-22	132.6	55.20	132.6	55.32	131.7	55.59	127.2	52.98	123.3	50.52	115.2	48.15
	-19.8	-20	144.0	55.47	140.1	55.59	131.7	53.76	127.2	51.24	123.3	48.90	115.2	46.56
	-18.8	-19	148.2	55.59	140.1	54.66	131.7	52.83	127.2	50.34	123.3	48.06	115.2	45.78
	-16.7	-17	148.2	53.64	140.1	52.65	131.7	50.91	127.2	48.51	123.3	46.35	115.2	44.10
	-13.7	-15	148.2	50.82	140.1	49.80	131.7	48.15	127.2	45.90	123.3	43.89	115.2	41.73
	-11.8	-13	148.2	49.02	140.1	48.00	131.7	46.41	127.2	44.22	123.3	42.33	115.2	40.23
	-9.8	-11	148.2	47.16	140.1	46.08	131.7	44.55	127.2	42.48	123.3	40.71	115.2	38.64
	-9.5	-10	148.2	46.86	140.1	45.81	131.7	44.28	127.2	42.21	123.3	40.47	115.2	38.40
	-8.5	-9.1	148.2	45.93	140.1	44.85	131.7	43.38	127.2	41.34	123.3	39.63	115.2	37.62
	-7.0	-7.6	148.2	44.52	140.1	43.44	131.7	42.00	127.2	40.05	123.3	38.40	115.2	36.42
	-5.0	-5.6	148.2	42.66	140.1	41.52	131.7	40.14	127.2	38.28	123.3	36.78	115.2	34.86
	-3.0	-3.7	148.2	40.77	140.1	39.63	131.7	38.31	127.2	36.54	123.3	35.13	115.2	33.27
	0.0	-0.7	148.2	37.95	140.1	36.78	131.7	35.55	127.2	33.93	123.3	32.67	115.2	30.90
	3.0	2.2	148.2	35.13	140.1	33.93	131.7	32.79	127.2	31.29	123.3	30.24	115.2	28.50
	5.0	4.1	148.2	30.75	137.1	28.95	129.0	27.96	124.5	26.67	120.9	25.83	112.8	24.33
	7.0	6	148.5	29.34	133.8	26.82	125.7	25.92	121.5	24.75	117.9	24.00	110.1	22.56
	9.0	7.9	143.1	25.41	128.7	23.22	121.2	22.44	117.0	21.42	113.4	20.79	105.9	19.53
	11.0	9.8	135.3	22.56	121.8	20.61	114.6	19.92	110.7	19.02	107.4	18.45	100.2	17.34
	13.0	11.8	126.9	19.80	114.3	18.09	107.7	17.49	103.8	16.68	100.8	16.20	94.2	15.21
	15.0	13.7	120.0	17.64	108.3	16.14	101.7	15.60	98.4	14.88	95.4	14.43	89.1	13.59
60	-24.8	-25	113.7	54.30	113.7	54.57	112.8	54.99	109.2	52.14	105.3	49.47	98.7	46.98
	-21.8	-22	121.8	54.72	120.3	54.99	112.8	52.14	109.2	49.47	105.3	46.98	98.7	44.55
	-19.8	-20	127.2	54.99	120.3	52.98	112.8	50.25	109.2	47.70	105.3	45.30	98.7	42.93
	-18.8	-19	127.2	53.97	120.3	51.99	112.8	49.32	109.2	46.83	105.3	44.46	98.7	42.12
	-16.7	-17	127.2	51.84	120.3	49.86	112.8	47.31	109.2	44.94	105.3	42.72	98.7	40.44
	-13.7	-15	127.2	48.81	120.3	46.86	112.8	44.46	109.2	42.30	105.3	40.20	98.7	38.01
	-11.8	-13	127.2	46.89	120.3	44.94	112.8	42.66	109.2	40.59	105.3	38.61	98.7	36.48
	-9.8	-11	127.2	44.85	120.3	42.93	112.8	40.77	109.2	38.82	105.3	36.96	98.7	34.86
	-9.5	-10	127.2	44.55	120.3	42.63	112.8	40.50	109.2	38.55	105.3	36.69	98.7	34.62
	-8.5	-9.1	127.2	43.53	120.3	41.64	112.8	39.54	109.2	37.68	105.3	35.88	98.7	33.81
	-7.0	-7.6	127.2	42.03	120.3	40.14	112.8	38.13	109.2	36.33	105.3	34.62	98.7	32.61
	-5.0	-5.6	127.2	39.99	120.3	38.13	112.8	36.24	109.2	34.56	105.3	32.94	98.7	30.99
	-3.0	-3.7	127.2	37.98	120.3	36.12	112.8	34.35	109.2	32.79	105.3	31.26	98.7	29.37
	0.0	-0.7	127.2	34.92	120.3	33.09	112.8	31.50	109.2	30.12	105.3	28.77	98.7	26.97
	3.0	2.2	127.2	31.89	120.3	30.09	112.8	28.65	109.2	27.45	105.3	26.25	98.7	24.54
	5.0	4.1	124.5	27.03	117.9	25.41	110.7	24.18	106.8	23.22	103.2	22.23	96.6	20.73
	7.0	6	121.5	24.78	114.9	23.22	107.7	22.14	104.1	21.27	100.5	20.40	94.2	18.96
	9.0	7.9	117.0	21.24	110.7	19.89	103.8	18.96	100.5	18.21	96.9	17.49	90.6	16.26
	11.0	9.8	110.7	18.84	104.7	17.64	98.1	16.83	94.8	16.17	91.8	15.51	85.8	14.43
	13.0	11.8	103.8	16.53	98.4	15.48	92.1	14.76	89.1	14.19	86.1	13.59	80.4	12.66
	15.0	13.7	98.4	14.88	93.0	13.95	87.3	13.17	84.3	12.66	81.3	12.12	76.2	11.40
50	-24.8	-25	106.2	46.86	100.2	47.25	94.2	44.79	91.2	42.48	87.9	40.29	81.9	38.25
	-21.8	-22	106.2	47.25	100.2	44.79	94.2	42.48	91.2	40.29	87.9	38.25	81.9	36.27
	-19.8	-20	106.2	45.54	100.2	43.14	94.2	40.92	91.2	38.82	87.9	36.87	81.9	34.95
	-18.8	-19	106.2	44.67	100.2	42.30	94.2	40.17	91.2	38.10	87.9	36.21	81.9	34.32
	-16.7	-17	106.2	42.87	100.2	40.59	94.2	38.55	91.2	36.54	87.9	34.77	81.9	32.94
	-13.7	-15	106.2	40.29	100.2	38.10	94.2	36.21	91.2	34.35	87.9	32.73	81.9	30.96
	-11.8	-13	106.2	38.64	100.2	36.54	94.2	34.77	91.2	32.97	87.9	31.44	81.9	29.73
	-9.8	-11	106.2	36.93	100.2	34.89	94.2	33.21	91.2	31.50	87.9	30.06	81.9	28.41
	-9.5	-10	106.2	36.66	100.2	34.65	94.2	32.97	91.2	31.29	87.9	29.88	81.9	28.20
	-8.5	-9.1	106.2	35.82	100.2	33.81	94.2	32.22	91.2	30.57	87.9	29.19	81.9	27.54
	-7.0	-7.6	106.2	34.50	100.2	32.58	94.2	31.05	91.2	29.46	87.9	28.17	81.9	26.58
	-5.0	-5.6	106.2	32.79	100.2	30.93	94.2	29.52	91.2	28.02	87.9	26.82	81.9	25.26
	-3.0	-3.7	106.2	31.08	100.2	29.28	94.2	27.96	91.2	26.55	87.9	25.44	81.9	23.94
	0.0	-0.7	106.2	28.50	100.2	26.79	94.2	25.65	91.2	24.36	87.9	23.40	81.9	21.99
	3.0	2.2	106.2	25.89	100.2	24.33	94.2	23.34	91.2	22.17	87.9	21.36	81.9	20.01
	5.0	4.1	104.1	21.87	98.1	20.52	92.1	19.71	89.1	18.72	86.4	18.09	80.4	16.92
	7.0	6	101.4	19.98	95.7	18.72	89.7	18.03	87.0	17.13	84.0	16.59	78.3	15.48
	9.0	7.9	97.5	17.31	92.1	16.20	86.4	15.60	83.7	14.82	81.0	14.37	75.6	13.41
	11.0	9.8	92.7	15.54	87.6	14.55	82.2	14.01	79.2	13.32	76.5	12.90	71.4	12.03
	13.0	11.8	86.7	13.47	81.9	12.63	76.8	12.15	74.4	11.61	72.0	11.19	66.9	10.50
	15.0	13.7	81.9	12.18	77.4	11.40	72.6	10.98	70.5	10.44	68.1	10.11	63.3	9.42

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM620LTE5

Heating Capacity (62HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	124.6	61.70	124.6	62.30	123.8	62.84	123.8	63.64	123.8	64.44	122.2	65.66
	-21.8	-22	149.0	62.93	149.0	63.53	148.0	64.07	148.0	64.87	148.0	65.66	146.1	66.87
	-19.8	-20	156.0	63.73	156.0	64.35	154.9	64.87	154.9	65.70	154.9	66.46	152.9	67.69
	-18.8	-19	159.3	64.14	159.3	64.75	158.3	65.29	158.3	66.09	158.3	66.87	156.2	68.09
	-16.7	-17	166.5	65.01	166.5	65.61	165.4	66.15	165.4	66.95	165.4	67.72	163.1	68.95
	-13.7	-15	176.7	66.23	176.7	66.83	175.6	67.37	175.6	68.17	175.6	68.95	173.2	66.06
	-11.8	-13	182.4	67.00	182.4	67.60	181.3	68.14	181.3	68.95	181.3	66.99	179.4	64.23
	-9.8	-11	188.5	67.80	188.5	68.43	187.3	68.95	187.3	66.84	187.3	64.93	185.5	62.32
	-9.5	-10	189.6	67.95	189.6	68.54	188.5	68.63	188.5	66.51	188.2	64.62	186.5	62.02
	-8.5	-9.1	193.7	68.34	193.7	68.95	192.6	67.52	192.6	65.46	191.2	63.58	189.6	61.05
	-7.0	-7.6	199.9	68.95	199.9	67.30	198.6	65.88	198.6	63.85	198.6	62.03	195.6	59.61
	-5.0	-5.6	208.0	66.78	208.0	65.13	206.6	63.68	206.6	61.74	206.6	59.97	202.0	57.68
	-3.0	-3.7	216.1	64.60	216.1	62.94	214.7	61.48	214.7	59.61	214.7	57.90	208.7	55.76
	0.0	-0.7	228.0	61.34	228.0	59.66	226.8	58.18	226.8	56.44	226.8	54.80	218.1	52.87
	3.0	2.2	240.3	58.08	240.3	56.37	238.7	54.88	238.7	53.25	235.7	51.68	220.5	49.98
	5.0	4.1	242.8	50.83	242.4	49.20	241.1	47.79	238.7	46.32	232.1	44.90	216.0	43.42
	7.0	6	241.0	47.81	240.6	46.28	239.2	44.93	234.4	43.62	226.3	42.32	210.6	41.06
	9.0	7.9	232.7	44.11	232.1	42.68	231.5	41.44	225.7	40.23	218.0	39.04	202.9	37.88
	11.0	9.8	220.1	40.93	219.6	39.63	219.0	38.46	213.5	37.34	206.1	36.24	191.8	35.15
	13.0	11.8	206.7	37.22	206.2	36.01	205.6	34.97	200.5	33.95	193.6	32.95	180.2	31.94
	15.0	13.7	195.5	34.04	195.1	32.93	194.4	31.99	189.7	31.05	183.1	30.14	170.5	29.22
120	-24.8	-25	123.8	62.30	123.8	62.84	122.9	63.64	122.9	64.44	122.9	65.66	121.3	66.52
	-21.8	-22	148.0	63.53	148.0	64.07	147.0	64.87	147.0	65.66	147.0	66.87	145.1	67.72
	-19.8	-20	154.8	64.35	154.8	64.87	153.8	65.70	153.8	66.46	153.8	67.69	151.8	68.54
	-18.8	-19	158.2	64.75	158.2	65.29	157.2	66.09	157.2	66.87	157.2	68.09	155.2	68.95
	-16.7	-17	165.4	65.61	165.4	66.15	164.3	66.95	164.3	67.72	164.3	68.95	162.0	67.10
	-13.7	-15	175.3	66.83	175.3	67.37	174.3	68.17	174.3	68.95	174.3	66.16	172.0	64.45
	-11.8	-13	181.1	67.60	181.1	68.14	179.9	68.95	179.9	66.97	179.9	64.40	178.1	62.76
	-9.8	-11	187.1	68.43	187.1	68.95	186.0	66.76	186.0	64.89	186.0	62.54	184.3	60.99
	-9.5	-10	188.4	68.54	188.4	68.60	187.3	66.44	187.3	64.58	187.3	62.27	185.5	60.73
	-8.5	-9.1	192.4	68.95	192.4	67.42	191.2	65.32	191.2	63.53	191.0	61.35	189.1	59.84
	-7.0	-7.6	198.4	67.19	198.4	65.68	197.2	63.70	197.2	61.98	196.4	59.95	194.1	58.50
	-5.0	-5.6	206.5	64.83	206.5	63.34	205.1	61.50	205.1	59.88	205.1	58.09	200.8	56.73
	-3.0	-3.7	214.6	62.47	214.6	61.01	213.2	59.29	213.2	57.81	213.2	56.24	206.3	54.96
	0.0	-0.7	226.5	58.93	226.5	57.49	225.1	56.01	225.1	54.69	222.7	53.45	207.1	52.31
	3.0	2.2	238.7	55.38	238.7	53.98	235.3	52.73	230.0	51.57	222.8	50.67	207.1	49.66
	5.0	4.1	241.2	48.17	239.5	46.85	233.1	45.76	225.4	44.78	218.5	44.08	203.0	43.21
	7.0	6	239.4	45.09	236.6	43.88	227.3	43.00	219.7	42.19	212.9	41.79	197.8	41.05
	9.0	7.9	231.0	41.51	227.9	40.38	219.0	39.59	211.7	38.82	205.1	38.45	190.5	37.76
	11.0	9.8	218.5	38.44	215.5	37.38	207.1	36.64	200.1	35.94	193.9	35.61	180.2	34.97
	13.0	11.8	205.2	34.83	202.5	33.88	194.4	33.21	188.0	32.58	182.3	32.28	169.1	31.70
	15.0	13.7	194.2	31.75	191.6	30.88	183.9	30.28	177.8	29.71	172.4	29.43	160.1	28.89
110	-24.8	-25	123.0	62.84	123.0	63.64	122.3	64.44	122.3	65.66	122.3	66.52	120.7	66.91
	-21.8	-22	147.3	64.07	147.3	64.87	146.3	65.66	146.3	66.87	146.3	67.72	144.4	68.14
	-19.8	-20	153.9	64.87	153.9	65.70	153.1	66.46	153.1	67.69	153.1	68.54	150.8	68.95
	-18.8	-19	157.3	65.29	157.3	66.09	156.3	66.87	156.3	68.09	156.3	68.95	154.2	67.98
	-16.7	-17	164.4	66.15	164.4	66.95	163.3	67.72	163.3	68.95	163.3	66.96	161.0	65.96
	-13.7	-15	174.5	67.37	174.5	68.17	173.2	68.95	173.2	65.93	173.2	64.11	173.2	63.06
	-11.8	-13	180.2	68.14	180.2	68.95	178.9	66.80	178.9	64.02	178.9	62.31	178.9	61.24
	-9.8	-11	186.1	68.95	186.1	66.54	185.0	64.56	185.0	62.00	185.0	60.42	183.9	59.31
	-9.5	-10	187.3	68.55	187.3	66.15	186.3	64.22	186.3	61.70	186.3	60.14	185.8	59.01
	-8.5	-9.1	191.4	67.25	191.4	64.95	190.1	63.10	190.1	60.67	190.1	59.17	186.4	58.05
	-7.0	-7.6	197.4	65.26	197.4	63.12	196.2	61.40	196.2	59.16	196.2	57.77	186.4	56.61
	-5.0	-5.6	205.4	62.63	205.4	60.69	204.0	59.15	204.0	57.15	199.5	55.86	186.4	54.67
	-3.0	-3.7	213.2	60.01	213.2	58.28	211.7	56.88	206.6	55.13	199.5	53.96	186.4	52.76
	0.0	-0.7	225.3	56.05	224.5	54.64	213.5	53.50	206.6	52.10	199.5	51.13	186.4	49.86
	3.0	2.2	236.4	52.10	227.5	50.98	213.5	50.11	206.6	49.10	199.5	48.27	186.4	46.97
	5.0	4.1	236.0	44.92	223.0	44.02	209.3	43.33	202.5	42.54	195.7	41.86	182.7	40.65
	7.0	6	229.9	41.68	217.4	41.06	204.0	40.59	197.3	40.11	190.6	39.59	178.1	38.36
	9.0	7.9	221.5	38.17	209.3	37.59	196.4	37.17	190.1	36.73	183.5	36.26	171.5	35.14
	11.0	9.8	209.4	35.14	198.0	34.62	185.8	34.22	179.8	33.81	173.6	33.38	162.2	32.34
	13.0	11.8	196.7	31.66	186.0	31.17	174.6	30.81	168.8	30.43	163.1	30.04	152.3	29.13
	15.0	13.7	186.0	28.61	175.8	28.19	165.2	27.87	159.7	27.54	154.4	27.17	144.1	26.33

7. Capacity Tables

Heating Capacity (62HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	122.4	68.56	122.4	68.61	121.8	65.04	121.8	68.73	121.8	68.80	120.1	68.82
	-21.8	-22	146.5	68.65	146.5	68.69	145.7	67.10	145.7	68.82	145.7	69.67	143.6	68.91
	-19.8	-20	153.3	68.69	153.3	68.73	152.3	68.40	152.3	68.86	152.3	69.19	150.3	68.95
	-18.8	-19	156.7	68.71	155.7	68.78	155.7	68.82	155.7	68.88	155.7	68.95	153.6	67.79
	-16.7	-17	162.7	68.77	162.7	68.83	162.7	69.67	161.8	68.95	161.8	66.55	159.5	65.38
	-13.7	-15	173.6	68.85	173.6	68.90	172.6	68.95	172.6	65.46	172.6	63.14	170.3	61.91
	-11.8	-13	179.2	68.91	178.2	68.95	178.2	66.59	178.2	63.23	178.2	60.95	170.3	59.70
	-9.8	-11	185.1	68.95	185.1	66.29	184.4	64.10	184.4	60.91	182.9	58.68	170.3	57.39
	-9.5	-10	186.3	68.53	186.3	65.88	185.4	63.71	185.4	60.55	182.9	58.34	170.3	57.05
	-8.5	-9.1	190.4	67.12	190.4	64.57	189.4	62.48	189.1	59.37	182.9	57.18	170.3	55.90
	-7.0	-7.6	199.5	65.01	198.8	62.55	195.3	60.59	189.1	57.63	182.9	55.48	170.3	54.15
	-5.0	-5.6	208.3	62.20	206.2	59.90	195.3	58.10	189.1	55.30	182.9	53.19	170.3	51.85
	-3.0	-3.7	214.3	59.39	207.7	57.24	195.3	55.62	189.1	52.95	182.9	50.92	170.3	49.54
	0.0	-0.7	220.3	55.19	207.7	53.24	195.3	51.87	189.1	49.46	182.9	47.48	170.3	46.07
	3.0	2.2	220.3	50.96	207.7	49.24	195.3	48.13	189.1	45.96	182.9	44.08	170.3	42.60
	5.0	4.1	215.9	43.76	203.6	42.25	191.3	41.35	185.4	39.46	179.2	37.77	166.9	36.42
	7.0	6	210.4	40.35	198.4	39.08	186.5	38.40	180.4	36.74	174.6	35.16	162.7	33.81
	9.0	7.9	202.6	36.53	191.2	35.37	179.8	34.76	174.0	33.25	168.3	31.81	156.6	30.58
	11.0	9.8	191.6	33.15	180.8	32.10	169.9	31.56	164.5	30.18	159.1	28.88	148.2	27.77
	13.0	11.8	180.0	29.35	169.9	28.43	159.6	27.94	154.4	26.74	149.4	25.56	139.1	24.58
	15.0	13.7	170.3	26.02	160.6	25.19	150.9	24.75	146.1	23.69	141.2	22.67	131.7	21.80
90	-24.8	-25	122.0	61.53	122.0	62.75	121.3	63.61	121.3	64.01	121.3	64.84	119.7	66.06
	-21.8	-22	145.9	62.75	145.9	63.98	145.1	64.84	145.1	65.24	145.1	66.06	143.0	63.07
	-19.8	-20	152.7	63.58	152.7	64.78	151.7	65.64	151.7	66.06	151.7	64.01	149.8	61.10
	-18.8	-19	156.7	63.98	155.7	65.21	155.1	66.06	155.1	65.00	155.1	62.99	153.0	60.11
	-16.7	-17	162.7	64.84	162.7	66.06	161.9	63.85	161.9	62.77	161.9	60.85	155.6	58.03
	-13.7	-15	173.6	66.06	173.6	62.77	172.0	60.72	172.0	59.62	167.6	57.78	155.6	55.05
	-11.8	-13	179.2	63.79	178.2	60.69	177.6	58.73	173.2	57.61	167.6	55.83	155.6	53.17
	-9.8	-11	185.1	61.42	185.1	58.52	178.7	56.65	173.2	55.49	167.6	53.80	155.6	51.19
	-9.5	-10	186.3	61.05	186.3	58.18	178.7	56.33	173.2	55.17	167.6	53.49	155.6	50.90
	-8.5	-9.1	190.4	59.87	188.9	57.11	178.7	55.28	173.2	54.11	167.6	52.47	155.6	49.89
	-7.0	-7.6	199.5	58.08	189.7	55.46	178.7	53.71	173.2	52.53	167.6	50.93	155.6	48.41
	-5.0	-5.6	201.7	55.70	189.7	53.27	178.7	51.63	173.2	50.43	167.6	48.88	155.6	46.44
	-3.0	-3.7	201.7	53.33	189.7	51.09	178.7	49.54	173.2	48.30	167.6	46.83	155.6	44.44
	0.0	-0.7	201.7	49.76	189.7	47.80	178.7	46.40	173.2	45.14	167.6	43.79	155.6	41.47
	3.0	2.2	201.7	46.19	189.7	44.53	178.7	43.27	173.2	41.98	167.6	40.72	155.6	38.51
	5.0	4.1	197.8	39.69	186.0	38.30	175.1	37.19	169.6	36.03	164.3	34.91	152.5	32.95
	7.0	6	192.6	36.87	181.3	35.74	170.5	34.78	165.3	33.60	160.1	32.60	148.8	30.73
	9.0	7.9	185.6	33.38	174.6	32.35	164.3	31.47	159.2	30.41	154.1	29.50	143.2	27.82
	11.0	9.8	175.6	30.00	165.2	29.06	155.4	28.29	150.7	27.33	145.7	26.52	135.4	24.99
	13.0	11.8	164.8	26.02	155.0	25.22	146.1	24.56	141.5	23.70	136.9	23.00	127.1	21.69
	15.0	13.7	156.0	22.81	146.7	22.12	138.1	21.52	133.9	20.79	129.6	20.17	120.3	19.02
80	-24.8	-25	121.4	54.04	121.4	55.27	120.8	56.13	120.8	56.53	120.8	58.58	119.1	55.96
	-21.8	-22	144.4	55.27	144.4	56.50	144.4	57.35	144.4	58.58	144.4	55.96	139.1	53.46
	-19.8	-20	151.1	56.09	151.1	57.30	151.1	58.58	151.1	56.71	149.0	54.21	139.1	51.79
	-18.8	-19	154.5	56.50	154.5	58.58	154.5	57.62	153.8	55.79	149.4	53.34	139.1	50.96
	-16.7	-17	159.8	58.58	159.8	56.59	159.8	55.65	155.0	53.86	149.4	51.51	139.1	49.21
	-13.7	-15	167.0	55.64	163.9	53.77	159.8	52.81	155.0	51.06	149.4	48.89	139.1	46.71
	-11.8	-13	171.8	53.76	166.7	51.97	159.8	51.01	155.0	49.30	149.4	47.23	139.1	45.11
	-9.8	-11	176.4	51.79	168.9	50.09	159.8	49.12	155.0	47.45	149.4	45.49	139.1	43.45
	-9.5	-10	177.5	51.50	169.7	49.80	159.8	48.83	155.0	47.18	149.4	45.22	139.1	43.19
	-8.5	-9.1	179.2	50.53	170.3	48.87	159.8	47.90	155.0	46.24	149.4	44.34	139.1	42.37
	-7.0	-7.6	180.7	49.05	170.3	47.45	159.8	46.47	155.0	44.85	149.4	43.05	139.1	41.11
	-5.0	-5.6	180.7	47.08	170.3	45.58	159.8	44.60	155.0	42.99	149.4	41.28	139.1	39.45
	-3.0	-3.7	180.7	45.11	170.3	43.69	159.8	42.70	155.0	41.15	149.4	39.55	139.1	37.76
	0.0	-0.7	180.7	42.16	170.3	40.87	159.8	39.87	155.0	38.36	149.4	36.92	139.1	35.26
	3.0	2.2	180.7	39.22	170.3	38.03	159.8	37.03	155.0	35.57	149.4	34.30	139.1	32.77
	5.0	4.1	177.1	33.69	166.8	32.67	156.6	31.75	151.9	30.45	146.3	29.39	136.4	28.07
	7.0	6	172.5	31.40	162.6	30.50	152.5	29.61	148.2	28.37	142.6	27.43	132.8	26.19
	9.0	7.9	166.2	27.56	156.6	26.79	147.1	26.14	142.6	25.16	137.5	24.26	128.0	23.11
	11.0	9.8	157.1	23.99	148.2	23.33	139.1	22.78	134.9	21.90	130.1	21.12	120.9	20.11
	13.0	11.8	147.6	20.35	139.1	19.79	130.6	19.32	126.7	18.57	122.1	17.92	113.7	17.06
	15.0	13.7	139.5	17.83	131.7	17.35	123.6	16.92	119.9	16.27	115.6	15.68	107.5	14.94

7. Capacity Tables

Heating Capacity (62HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	121.4	54.45	121.4	54.85	120.8	55.68	120.8	56.90	120.8	54.11	118.0	51.48
	-21.8	-22	137.0	55.68	137.0	56.07	136.0	56.90	131.4	54.11	127.5	51.48	118.9	48.96
	-19.8	-20	147.2	56.50	144.7	56.90	136.0	54.93	131.4	52.24	127.5	49.74	118.9	47.30
	-18.8	-19	151.4	56.90	144.7	55.87	136.0	53.93	131.4	51.29	127.5	48.87	118.9	46.45
	-16.7	-17	153.1	54.77	144.7	53.72	136.0	51.87	131.4	49.34	127.5	47.04	118.9	44.69
	-13.7	-15	153.1	51.73	144.7	50.66	136.0	48.91	131.4	46.53	127.5	44.43	118.9	42.18
	-11.8	-13	153.1	49.78	144.7	48.71	136.0	47.04	131.4	44.75	127.5	42.76	118.9	40.58
	-9.8	-11	153.1	47.78	144.7	46.68	136.0	45.07	131.4	42.89	127.5	41.03	118.9	38.90
	-9.5	-10	153.1	47.45	144.7	46.36	136.0	44.78	131.4	42.62	127.5	40.78	118.9	38.65
	-8.5	-9.1	153.1	46.45	144.7	45.35	136.0	43.79	131.4	41.68	127.5	39.90	118.9	37.82
	-7.0	-7.6	153.1	44.93	144.7	43.82	136.0	42.31	131.4	40.29	127.5	38.60	118.9	36.56
	-5.0	-5.6	153.1	42.90	144.7	41.77	136.0	40.34	131.4	38.41	127.5	36.84	118.9	34.88
	-3.0	-3.7	153.1	40.88	144.7	39.72	136.0	38.37	131.4	36.54	127.5	35.10	118.9	33.20
	0.0	-0.7	153.1	37.83	144.7	36.66	136.0	35.41	131.4	33.75	127.5	32.49	118.9	30.68
	3.0	2.2	153.1	34.79	144.7	33.58	136.0	32.45	131.4	30.95	127.5	29.89	118.9	28.16
	5.0	4.1	153.1	30.28	141.6	28.53	133.3	27.56	128.7	26.27	125.0	25.41	116.6	23.94
	7.0	6	153.4	28.73	138.1	26.24	130.0	25.38	125.5	24.23	121.9	23.50	113.7	22.09
	9.0	7.9	147.8	24.44	133.1	22.33	125.1	21.59	120.9	20.60	117.3	19.98	109.5	18.79
	11.0	9.8	139.7	21.24	125.9	19.41	118.4	18.77	114.3	17.92	111.0	17.38	103.4	16.32
	13.0	11.8	131.2	18.17	118.2	16.62	111.2	16.05	107.4	15.33	104.2	14.88	97.2	13.97
	15.0	13.7	124.0	15.74	111.8	14.38	105.2	13.91	101.7	13.26	98.6	12.87	92.0	12.10
60	-24.8	-25	117.4	53.55	117.4	54.38	116.7	55.61	112.7	52.66	108.9	49.89	101.9	47.31
	-21.8	-22	125.7	54.78	124.4	55.61	116.7	52.66	112.7	49.89	108.9	47.31	101.9	44.81
	-19.8	-20	131.4	55.61	124.4	53.52	116.7	50.69	112.7	48.05	108.9	45.57	101.9	43.15
	-18.8	-19	131.4	54.56	124.4	52.48	116.7	49.71	112.7	47.13	108.9	44.71	101.9	42.31
	-16.7	-17	131.4	52.33	124.4	50.27	116.7	47.65	112.7	45.21	108.9	42.91	101.9	40.57
	-13.7	-15	131.4	49.15	124.4	47.14	116.7	44.69	112.7	42.45	108.9	40.32	101.9	38.07
	-11.8	-13	131.4	47.15	124.4	45.16	116.7	42.81	112.7	40.69	108.9	38.68	101.9	36.51
	-9.8	-11	131.4	45.03	124.4	43.07	116.7	40.86	112.7	38.86	108.9	36.95	101.9	34.83
	-9.5	-10	131.4	44.70	124.4	42.77	116.7	40.57	112.7	38.57	108.9	36.69	101.9	34.58
	-8.5	-9.1	131.4	43.65	124.4	41.73	116.7	39.58	112.7	37.67	108.9	35.82	101.9	33.76
	-7.0	-7.6	131.4	42.07	124.4	40.16	116.7	38.10	112.7	36.28	108.9	34.52	101.9	32.52
	-5.0	-5.6	131.4	39.95	124.4	38.07	116.7	36.15	112.7	34.44	108.9	32.81	101.9	30.84
	-3.0	-3.7	131.4	37.84	124.4	35.98	116.7	34.18	112.7	32.60	108.9	31.07	101.9	29.18
	0.0	-0.7	131.4	34.66	124.4	32.83	116.7	31.23	112.7	29.83	108.9	28.49	101.9	26.69
	3.0	2.2	131.4	31.50	124.4	29.71	116.7	28.27	112.7	27.08	108.9	25.89	101.9	24.19
	5.0	4.1	128.7	26.61	121.9	25.01	114.3	23.80	110.5	22.83	106.6	21.86	99.8	20.39
	7.0	6	125.5	24.25	118.8	22.73	111.4	21.67	107.6	20.83	103.9	19.97	97.2	18.58
	9.0	7.9	120.9	20.43	114.5	19.12	107.4	18.23	103.8	17.52	100.2	16.81	93.6	15.63
	11.0	9.8	114.3	17.75	108.1	16.62	101.4	15.84	98.1	15.23	94.7	14.61	88.7	13.59
	13.0	11.8	107.4	15.18	101.7	14.23	95.2	13.55	92.0	13.04	88.9	12.49	83.2	11.63
	15.0	13.7	101.7	13.26	96.1	12.43	90.3	11.72	87.2	11.27	84.1	10.81	78.7	10.16
50	-24.8	-25	109.6	47.40	103.4	48.62	97.2	45.99	94.1	43.51	90.9	41.19	84.7	39.03
	-21.8	-22	109.6	48.62	103.4	45.99	97.2	43.51	94.1	41.19	90.9	39.03	84.7	36.95
	-19.8	-20	109.6	46.77	103.4	44.22	97.2	41.87	94.1	39.62	90.9	37.58	84.7	35.55
	-18.8	-19	109.6	45.85	103.4	43.32	97.2	41.06	94.1	38.86	90.9	36.87	84.7	34.88
	-16.7	-17	109.6	43.91	103.4	41.50	97.2	39.33	94.1	37.22	90.9	35.34	84.7	33.42
	-13.7	-15	109.6	41.14	103.4	38.83	97.2	36.85	94.1	34.90	90.9	33.17	84.7	31.34
	-11.8	-13	109.6	39.38	103.4	37.16	97.2	35.28	94.1	33.42	90.9	31.81	84.7	30.04
	-9.8	-11	109.6	37.53	103.4	35.40	97.2	33.64	94.1	31.87	90.9	30.36	84.7	28.64
	-9.5	-10	109.6	37.25	103.4	35.15	97.2	33.39	94.1	31.64	90.9	30.16	84.7	28.44
	-8.5	-9.1	109.6	36.32	103.4	34.25	97.2	32.58	94.1	30.87	90.9	29.44	84.7	27.75
	-7.0	-7.6	109.6	34.93	103.4	32.94	97.2	31.34	94.1	29.70	90.9	28.35	84.7	26.71
	-5.0	-5.6	109.6	33.08	103.4	31.18	97.2	29.71	94.1	28.15	90.9	26.91	84.7	25.34
	-3.0	-3.7	109.6	31.23	103.4	29.41	97.2	28.04	94.1	26.60	90.9	25.46	84.7	23.94
	0.0	-0.7	109.6	28.47	103.4	26.75	97.2	25.59	94.1	24.28	90.9	23.29	84.7	21.87
	3.0	2.2	109.6	25.69	103.4	24.12	97.2	23.11	94.1	21.94	90.9	21.13	84.7	19.79
	5.0	4.1	107.5	21.59	101.3	20.22	95.2	19.43	92.1	18.45	89.3	17.81	83.1	16.66
	7.0	6	104.8	19.58	98.8	18.33	92.8	17.65	89.9	16.77	86.8	16.25	81.0	15.15
	9.0	7.9	100.8	16.64	95.1	15.58	89.4	15.00	86.6	14.26	83.7	13.83	78.0	12.89
	11.0	9.8	95.9	14.64	90.5	13.70	84.9	13.20	81.8	12.53	79.1	12.15	73.8	11.33
	13.0	11.8	89.5	12.38	84.6	11.59	79.5	11.16	76.9	10.66	74.4	10.28	69.2	9.66
	15.0	13.7	84.7	10.86	80.0	10.16	75.0	9.78	72.8	9.31	70.3	9.00	65.5	8.39

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM640LTE5

Heating Capacity (64HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	126.8	65.30	126.8	65.86	126.0	66.36	126.0	67.10	126.0	67.84	124.4	68.96
	-21.8	-22	152.8	66.44	152.8	67.00	151.8	67.50	151.8	68.24	151.8	68.96	149.8	70.08
	-19.8	-20	160.6	67.18	160.6	67.76	159.4	68.24	159.4	69.00	159.4	69.70	157.4	70.84
	-18.8	-19	164.0	67.56	164.0	68.12	163.0	68.62	163.0	69.36	163.0	70.08	160.8	71.20
	-16.7	-17	171.6	68.36	171.6	68.92	170.6	69.42	170.6	70.16	170.6	70.86	168.2	72.00
	-13.7	-15	182.4	69.50	182.4	70.04	181.4	70.54	181.4	71.28	181.4	72.00	178.8	69.10
	-11.8	-13	188.4	70.20	188.4	70.76	187.2	71.26	187.2	72.00	187.2	70.04	185.4	67.26
	-9.8	-11	194.6	70.94	194.6	71.52	193.4	72.00	193.4	69.90	193.4	67.98	191.8	65.34
	-9.5	-10	195.8	71.08	195.8	71.62	194.6	71.68	194.6	69.58	194.4	67.66	192.8	65.04
	-8.5	-9.1	200.0	71.44	200.0	72.00	198.8	70.58	198.8	68.52	197.4	66.62	196.2	64.06
	-7.0	-7.6	206.4	72.00	206.4	70.38	205.0	68.96	205.0	66.92	205.0	65.08	202.4	62.62
	-5.0	-5.6	214.6	69.88	214.6	68.24	213.2	66.78	213.2	64.82	213.2	63.02	209.2	60.68
	-3.0	-3.7	223.0	67.76	223.0	66.08	221.6	64.60	221.6	62.70	221.6	60.94	216.2	58.74
	0.0	-0.7	235.2	64.58	235.2	62.86	234.0	61.32	234.0	59.54	234.0	57.84	226.2	55.84
	3.0	2.2	247.8	61.40	247.8	59.62	246.2	58.06	246.2	56.36	243.2	54.72	227.6	52.94
	5.0	4.1	250.4	53.88	250.0	52.16	248.6	50.68	246.2	49.12	239.6	47.64	223.0	46.08
	7.0	6	248.6	50.86	248.2	49.22	246.8	47.80	242.0	46.40	233.6	45.02	217.4	43.68
	9.0	7.9	240.2	47.08	239.6	45.56	239.0	44.24	233.0	42.94	225.0	41.68	209.4	40.44
	11.0	9.8	227.2	43.88	226.6	42.48	226.0	41.22	220.4	40.02	212.8	38.84	198.0	37.68
	13.0	11.8	213.4	40.08	212.8	38.78	212.2	37.66	207.0	36.56	199.8	35.48	186.0	34.40
	15.0	13.7	201.8	36.86	201.4	35.66	200.6	34.64	195.8	33.62	189.0	32.64	176.0	31.64
120	-24.8	-25	126.0	65.86	126.0	66.36	125.0	67.10	125.0	67.84	125.0	68.96	123.4	69.76
	-21.8	-22	151.8	67.00	151.8	67.50	150.8	68.24	150.8	68.96	150.8	70.08	148.8	70.86
	-19.8	-20	159.4	67.76	159.4	68.24	158.4	69.00	158.4	69.70	158.4	70.84	156.2	71.62
	-18.8	-19	163.0	68.12	163.0	68.62	162.0	69.36	162.0	70.08	162.0	71.20	159.8	72.00
	-16.7	-17	170.6	68.92	170.6	69.42	169.4	70.16	169.4	70.86	169.4	72.00	167.0	70.14
	-13.7	-15	181.0	70.04	181.0	70.54	180.0	71.28	180.0	72.00	180.0	69.20	177.6	67.48
	-11.8	-13	187.0	70.76	187.0	71.26	185.8	72.00	185.8	70.02	185.8	67.44	184.0	65.78
	-9.8	-11	193.2	71.52	193.2	72.00	192.0	69.82	192.0	67.94	192.0	65.58	190.6	64.00
	-9.5	-10	194.6	71.62	194.6	71.66	193.4	69.50	193.4	67.62	193.4	65.30	191.8	63.74
	-8.5	-9.1	198.6	72.00	198.6	70.48	197.4	68.38	197.4	66.58	197.4	64.38	195.6	62.84
	-7.0	-7.6	204.8	70.26	204.8	68.74	203.6	66.76	203.6	65.02	203.2	62.98	200.8	61.50
	-5.0	-5.6	213.2	67.92	213.2	66.42	211.6	64.56	211.6	62.92	211.6	61.12	208.0	59.72
	-3.0	-3.7	221.4	65.58	221.4	64.10	220.0	62.36	220.0	60.84	220.0	59.26	213.8	57.94
	0.0	-0.7	233.6	62.08	233.6	60.60	232.2	59.08	232.2	57.72	229.8	56.46	213.8	55.28
	3.0	2.2	246.2	58.56	246.2	57.10	242.8	55.80	237.4	54.60	230.0	53.68	213.8	52.62
	5.0	4.1	248.8	51.06	247.0	49.68	240.6	48.54	232.6	47.50	225.6	46.78	209.6	45.86
	7.0	6	247.0	47.96	244.2	46.68	234.6	45.74	226.8	44.88	219.8	44.46	204.2	43.66
	9.0	7.9	238.4	44.30	235.2	43.10	226.0	42.26	218.6	41.44	211.8	41.04	196.6	40.30
	11.0	9.8	225.6	41.18	222.4	40.04	213.8	39.26	206.6	38.50	200.2	38.16	186.0	37.46
	13.0	11.8	211.8	37.48	209.0	36.46	200.6	35.74	194.0	35.06	188.2	34.74	174.6	34.12
	15.0	13.7	200.4	34.34	197.8	33.40	189.8	32.76	183.6	32.14	178.0	31.84	165.2	31.26
110	-24.8	-25	125.2	66.36	125.2	67.10	124.4	67.84	124.4	68.96	124.4	69.76	122.8	70.12
	-21.8	-22	151.0	67.50	151.0	68.24	150.0	68.96	150.0	70.08	150.0	70.86	148.0	71.26
	-19.8	-20	158.4	68.24	158.4	69.00	157.6	69.70	157.6	70.84	157.6	71.62	155.2	72.00
	-18.8	-19	162.0	68.62	162.0	69.36	161.0	70.08	161.0	71.20	161.0	72.00	158.8	71.02
	-16.7	-17	169.6	69.42	169.6	70.16	168.4	70.86	168.4	72.00	168.4	70.00	166.0	68.98
	-13.7	-15	180.2	70.54	180.2	71.28	178.8	72.00	178.8	68.96	178.8	67.12	178.8	66.04
	-11.8	-13	186.0	71.26	186.0	72.00	184.8	69.84	184.8	67.04	184.8	65.30	184.8	64.20
	-9.8	-11	192.2	72.00	192.2	69.58	191.0	67.58	191.0	65.00	191.0	63.40	190.2	62.24
	-9.5	-10	193.4	71.60	193.4	69.18	192.4	67.24	192.4	64.70	192.4	63.12	191.8	61.94
	-8.5	-9.1	197.6	70.30	197.6	67.98	196.2	66.12	196.2	63.66	196.2	62.14	192.4	60.98
	-7.0	-7.6	203.8	68.30	203.8	66.14	202.6	64.40	202.6	62.14	202.6	60.72	192.4	59.52
	-5.0	-5.6	212.0	65.66	212.0	63.70	210.6	62.14	210.6	60.12	206.0	58.80	192.4	57.56
	-3.0	-3.7	220.0	63.04	220.0	61.28	218.4	59.86	213.2	58.08	206.0	56.88	192.4	55.62
	0.0	-0.7	232.4	59.06	231.6	57.62	220.4	56.46	213.2	55.02	206.0	54.02	192.4	52.68
	3.0	2.2	243.8	55.10	234.8	53.94	220.4	53.04	213.2	52.00	206.0	51.14	192.4	49.76
	5.0	4.1	243.6	47.62	230.2	46.68	216.0	45.96	209.0	45.14	202.0	44.42	188.6	43.14
	7.0	6	237.4	44.34	224.4	43.68	210.6	43.18	203.6	42.66	196.8	42.12	183.8	40.80
	9.0	7.9	228.6	40.74	216.0	40.12	202.8	39.66	196.2	39.20	189.4	38.70	177.0	37.50
	11.0	9.8	216.2	37.64	204.4	37.08	191.8	36.66	185.6	36.22	179.2	35.76	167.4	34.64
	13.0	11.8	203.0	34.06	192.0	33.54	180.2	33.14	174.2	32.74	168.4	32.32	157.2	31.34
	15.0	13.7	192.0	30.94	181.4	30.48	170.6	30.14	164.8	29.78	159.4	29.38	148.8	28.48

7. Capacity Tables

Heating Capacity (64HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	124.6	73.38	124.6	73.20	124.0	68.56	124.0	72.74	124.0	72.56	122.2	72.46
	-21.8	-22	150.2	73.12	150.2	72.92	149.4	70.72	149.4	72.48	149.4	73.26	147.2	72.20
	-19.8	-20	157.8	72.92	157.8	72.72	156.8	72.08	156.8	72.28	156.8	72.42	154.6	72.00
	-18.8	-19	161.4	72.82	160.4	72.66	160.4	72.48	160.4	72.18	160.4	72.00	158.2	70.82
	-16.7	-17	167.8	72.64	167.8	72.46	167.8	73.26	166.8	72.00	166.8	69.56	164.4	68.36
	-13.7	-15	179.2	72.36	179.2	72.18	178.2	72.00	178.2	68.46	178.2	66.08	175.8	64.82
	-11.8	-13	185.0	72.20	184.0	72.00	184.0	69.62	184.0	66.20	184.0	63.86	175.8	62.56
	-9.8	-11	191.2	72.00	191.2	69.32	190.4	67.10	190.4	63.84	188.8	61.54	175.8	60.20
	-9.5	-10	192.4	71.58	192.4	68.90	191.4	66.70	191.4	63.48	188.8	61.20	175.8	59.86
	-8.5	-9.1	196.6	70.16	196.6	67.58	195.6	65.46	195.2	62.28	188.8	60.02	175.8	58.68
	-7.0	-7.6	206.0	68.04	205.2	65.54	201.6	63.54	195.2	60.50	188.8	58.28	175.8	56.90
	-5.0	-5.6	215.0	65.20	212.8	62.86	201.6	61.02	195.2	58.14	188.8	55.96	175.8	54.56
	-3.0	-3.7	221.2	62.38	214.4	60.18	201.6	58.52	195.2	55.76	188.8	53.64	175.8	52.20
	0.0	-0.7	227.4	58.14	214.4	56.14	201.6	54.72	195.2	52.22	188.8	50.14	175.8	48.66
	3.0	2.2	227.4	53.88	214.4	52.10	201.6	50.94	195.2	48.66	188.8	46.68	175.8	45.12
	5.0	4.1	222.8	46.38	210.2	44.80	197.4	43.86	191.4	41.86	185.0	40.08	172.2	38.64
	7.0	6	217.2	42.92	204.8	41.58	192.6	40.84	186.2	39.08	180.2	37.40	168.0	35.96
	9.0	7.9	209.2	39.16	197.4	37.92	185.6	37.26	179.6	35.64	173.8	34.10	161.6	32.78
	11.0	9.8	197.8	35.86	186.6	34.72	175.4	34.14	169.8	32.64	164.2	31.24	153.0	30.04
	13.0	11.8	185.8	32.10	175.4	31.10	164.8	30.56	159.4	29.24	154.2	27.96	143.6	26.88
	15.0	13.7	175.8	28.84	165.8	27.92	155.8	27.44	150.8	26.26	145.8	25.12	136.0	24.16
90	-24.8	-25	124.2	65.28	124.2	66.40	123.4	67.20	123.4	67.56	123.4	68.34	121.8	69.46
	-21.8	-22	149.6	66.40	149.6	67.54	148.8	68.34	148.8	68.70	148.8	69.46	146.6	66.36
	-19.8	-20	157.2	67.18	157.2	68.28	156.2	69.08	156.2	69.46	156.2	67.34	154.2	64.32
	-18.8	-19	161.4	67.54	160.4	68.68	159.8	69.46	159.8	68.36	159.8	66.28	157.6	63.28
	-16.7	-17	167.8	68.34	167.8	69.46	167.0	67.18	167.0	66.06	167.0	64.06	160.6	61.12
	-13.7	-15	179.2	69.46	179.2	66.06	177.6	63.94	177.6	62.80	173.0	60.88	160.6	58.04
	-11.8	-13	185.0	67.12	184.0	63.92	183.4	61.88	178.8	60.72	173.0	58.86	160.6	56.08
	-9.8	-11	191.2	64.68	191.2	61.68	184.4	59.74	178.8	58.52	173.0	56.76	160.6	54.02
	-9.5	-10	192.4	64.30	192.4	61.32	184.4	59.40	178.8	58.18	173.0	56.44	160.6	53.72
	-8.5	-9.1	196.6	63.08	195.0	60.22	184.4	58.32	178.8	57.10	173.0	55.38	160.6	52.68
	-7.0	-7.6	206.0	61.24	195.8	58.52	184.4	56.70	178.8	55.46	173.0	53.78	160.6	51.14
	-5.0	-5.6	208.2	58.78	195.8	56.26	184.4	54.54	178.8	53.28	173.0	51.66	160.6	49.10
	-3.0	-3.7	208.2	56.34	195.8	54.00	184.4	52.38	178.8	51.08	173.0	49.54	160.6	47.02
	0.0	-0.7	208.2	52.66	195.8	50.60	184.4	49.14	178.8	47.80	173.0	46.38	160.6	43.94
	3.0	2.2	208.2	48.98	195.8	47.24	184.4	45.90	178.8	44.54	173.0	43.20	160.6	40.86
	5.0	4.1	204.2	42.14	192.0	40.68	180.8	39.50	175.0	38.26	169.6	37.08	157.4	35.00
	7.0	6	198.8	39.22	187.2	38.02	176.0	37.00	170.6	35.74	165.2	34.68	153.6	32.68
	9.0	7.9	191.6	35.78	180.2	34.68	169.6	33.74	164.4	32.60	159.0	31.62	147.8	29.82
	11.0	9.8	181.2	32.46	170.6	31.44	160.4	30.60	155.6	29.56	150.4	28.68	139.8	27.04
	13.0	11.8	170.2	28.46	160.0	27.58	150.8	26.86	146.0	25.92	141.4	25.16	131.2	23.72
	15.0	13.7	161.0	25.28	151.4	24.52	142.6	23.86	138.2	23.04	133.8	22.36	124.2	21.08
80	-24.8	-25	123.6	57.40	123.6	58.54	123.0	59.34	123.0	59.70	123.0	61.60	121.2	58.88
	-21.8	-22	148.0	58.54	148.0	59.68	148.0	60.46	148.0	61.60	148.0	58.88	143.6	56.28
	-19.8	-20	155.6	59.30	155.6	60.42	155.6	61.60	155.6	59.66	153.8	57.06	143.6	54.54
	-18.8	-19	159.2	59.68	159.2	61.60	159.2	60.60	158.8	58.70	154.2	56.16	143.6	53.68
	-16.7	-17	165.0	61.60	165.0	59.54	165.0	58.56	160.0	56.70	154.2	54.26	143.6	51.86
	-13.7	-15	172.4	58.56	169.2	56.62	165.0	55.62	160.0	53.80	154.2	51.54	143.6	49.26
	-11.8	-13	177.0	56.62	171.8	54.76	165.0	53.76	160.0	51.98	154.2	49.82	143.6	47.60
	-9.8	-11	181.8	54.58	174.2	52.82	165.0	51.80	160.0	50.06	154.2	48.02	143.6	45.88
	-9.5	-10	183.0	54.28	175.0	52.52	165.0	51.50	160.0	49.78	154.2	47.74	143.6	45.60
	-8.5	-9.1	184.8	53.28	175.8	51.56	165.0	50.54	160.0	48.80	154.2	46.82	143.6	44.76
	-7.0	-7.6	186.6	51.76	175.8	50.08	165.0	49.06	160.0	47.36	154.2	45.48	143.6	43.44
	-5.0	-5.6	186.6	49.72	175.8	48.16	165.0	47.12	160.0	45.44	154.2	43.64	143.6	41.72
	-3.0	-3.7	186.6	47.68	175.8	46.20	165.0	45.16	160.0	43.52	154.2	41.84	143.6	39.96
	0.0	-0.7	186.6	44.64	175.8	43.28	165.0	42.22	160.0	40.64	154.2	39.12	143.6	37.36
	3.0	2.2	186.6	41.60	175.8	40.34	165.0	39.28	160.0	37.74	154.2	36.40	143.6	34.78
	5.0	4.1	182.8	35.78	172.2	34.70	161.6	33.72	156.8	32.34	151.0	31.22	140.8	29.82
	7.0	6	178.0	33.40	167.8	32.44	157.4	31.50	153.0	30.18	147.2	29.18	137.0	27.86
	9.0	7.9	171.6	29.60	161.6	28.76	151.8	28.06	147.2	27.00	142.0	26.04	132.2	24.80
	11.0	9.8	162.2	26.00	153.0	25.28	143.6	24.68	139.2	23.72	134.2	22.88	124.8	21.78
	13.0	11.8	152.4	22.30	143.6	21.68	134.8	21.16	130.8	20.34	126.0	19.62	117.4	18.68
	15.0	13.7	144.0	19.80	136.0	19.26	127.6	18.78	123.8	18.06	119.4	17.40	111.0	16.58

7. Capacity Tables

Heating Capacity (64HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	123.6	57.58	123.6	57.96	123.0	58.72	123.0	59.84	123.0	56.94	121.0	54.20
	-21.8	-22	141.4	58.72	141.4	59.08	140.4	59.84	135.6	56.94	131.6	54.20	122.8	51.58
	-19.8	-20	153.2	59.48	149.4	59.84	140.4	57.80	135.6	55.00	131.6	52.40	122.8	49.84
	-18.8	-19	157.6	59.84	149.4	58.78	140.4	56.76	135.6	54.00	131.6	51.48	122.8	48.96
	-16.7	-17	158.0	57.64	149.4	56.54	140.4	54.62	135.6	51.98	131.6	49.58	122.8	47.12
	-13.7	-15	158.0	54.48	149.4	53.36	140.4	51.54	135.6	49.06	131.6	46.86	122.8	44.50
	-11.8	-13	158.0	52.46	149.4	51.34	140.4	49.60	135.6	47.20	131.6	45.12	122.8	42.84
	-9.8	-11	158.0	50.38	149.4	49.22	140.4	47.54	135.6	45.26	131.6	43.32	122.8	41.08
	-9.5	-10	158.0	50.04	149.4	48.90	140.4	47.24	135.6	44.98	131.6	43.06	122.8	40.82
	-8.5	-9.1	158.0	49.00	149.4	47.84	140.4	46.22	135.6	44.00	131.6	42.14	122.8	39.96
	-7.0	-7.6	158.0	47.42	149.4	46.26	140.4	44.68	135.6	42.56	131.6	40.78	122.8	38.64
	-5.0	-5.6	158.0	45.32	149.4	44.12	140.4	42.62	135.6	40.60	131.6	38.96	122.8	36.90
	-3.0	-3.7	158.0	43.22	149.4	42.00	140.4	40.58	135.6	38.66	131.6	37.14	122.8	35.14
	0.0	-0.7	158.0	40.06	149.4	38.82	140.4	37.50	135.6	35.76	131.6	34.42	122.8	32.52
	3.0	2.2	158.0	36.90	149.4	35.62	140.4	34.42	135.6	32.84	131.6	31.72	122.8	29.88
	5.0	4.1	158.0	32.16	146.2	30.30	137.6	29.26	132.8	27.90	129.0	27.00	120.4	25.44
	7.0	6	158.4	30.56	142.6	27.92	134.2	27.00	129.6	25.78	125.8	25.00	117.4	23.50
	9.0	7.9	152.6	26.20	137.4	23.94	129.2	23.14	124.8	22.08	121.0	21.42	113.0	20.14
	11.0	9.8	144.2	22.98	130.0	21.00	122.2	20.30	118.0	19.38	114.6	18.80	106.8	17.66
	13.0	11.8	135.4	19.88	122.0	18.18	114.8	17.56	110.8	16.76	107.6	16.28	100.4	15.28
	15.0	13.7	128.0	17.44	115.4	15.94	108.6	15.42	105.0	14.70	101.8	14.26	95.0	13.42
60	-24.8	-25	121.2	56.68	121.2	57.44	120.4	58.58	116.4	55.50	112.4	52.60	105.2	49.90
	-21.8	-22	129.8	57.82	128.4	58.58	120.4	55.50	116.4	52.60	112.4	49.90	105.2	47.28
	-19.8	-20	135.6	58.58	128.4	56.40	120.4	53.44	116.4	50.68	112.4	48.08	105.2	45.54
	-18.8	-19	135.6	57.48	128.4	55.32	120.4	52.42	116.4	49.72	112.4	47.18	105.2	44.66
	-16.7	-17	135.6	55.16	128.4	53.00	120.4	50.26	116.4	47.70	112.4	45.30	105.2	42.84
	-13.7	-15	135.6	51.84	128.4	49.74	120.4	47.16	116.4	44.82	112.4	42.58	105.2	40.22
	-11.8	-13	135.6	49.76	128.4	47.66	120.4	45.20	116.4	42.98	112.4	40.86	105.2	38.58
	-9.8	-11	135.6	47.54	128.4	45.48	120.4	43.16	116.4	41.06	112.4	39.06	105.2	36.82
	-9.5	-10	135.6	47.20	128.4	45.16	120.4	42.86	116.4	40.76	112.4	38.78	105.2	36.56
	-8.5	-9.1	135.6	46.10	128.4	44.08	120.4	41.82	116.4	39.82	112.4	37.88	105.2	35.70
	-7.0	-7.6	135.6	44.46	128.4	42.44	120.4	40.28	116.4	38.36	112.4	36.52	105.2	34.40
	-5.0	-5.6	135.6	42.24	128.4	40.26	120.4	38.24	116.4	36.44	112.4	34.72	105.2	32.64
	-3.0	-3.7	135.6	40.04	128.4	38.08	120.4	36.18	116.4	34.52	112.4	32.90	105.2	30.90
	0.0	-0.7	135.6	36.72	128.4	34.78	120.4	33.10	116.4	31.62	112.4	30.20	105.2	28.30
	3.0	2.2	135.6	33.42	128.4	31.52	120.4	30.00	116.4	28.74	112.4	27.48	105.2	25.68
	5.0	4.1	132.8	28.26	125.8	26.56	118.0	25.28	114.0	24.26	110.0	23.22	103.0	21.66
	7.0	6	129.6	25.80	122.6	24.18	115.0	23.06	111.0	22.16	107.2	21.24	100.4	19.76
	9.0	7.9	124.8	21.90	118.2	20.50	110.8	19.54	107.2	18.78	103.4	18.02	96.6	16.76
	11.0	9.8	118.0	19.20	111.6	17.98	104.6	17.14	101.2	16.48	97.8	15.80	91.6	14.70
	13.0	11.8	110.8	16.60	105.0	15.56	98.2	14.82	95.0	14.26	91.8	13.66	85.8	12.72
	15.0	13.7	105.0	14.70	99.2	13.78	93.2	13.00	90.0	12.50	86.8	11.98	81.2	11.26
50	-24.8	-25	113.2	50.00	106.8	51.12	100.4	48.38	97.2	45.80	93.8	43.38	87.4	41.12
	-21.8	-22	113.2	51.12	106.8	48.38	100.4	45.80	97.2	43.38	93.8	41.12	87.4	38.94
	-19.8	-20	113.2	49.20	106.8	46.54	100.4	44.08	97.2	41.74	93.8	39.60	87.4	37.48
	-18.8	-19	113.2	48.24	106.8	45.60	100.4	43.24	97.2	40.94	93.8	38.86	87.4	36.78
	-16.7	-17	113.2	46.22	106.8	43.70	100.4	41.44	97.2	39.22	93.8	37.26	87.4	35.26
	-13.7	-15	113.2	43.34	106.8	40.92	100.4	38.84	97.2	36.80	93.8	35.00	87.4	33.08
	-11.8	-13	113.2	41.50	106.8	39.18	100.4	37.22	97.2	35.26	93.8	33.58	87.4	31.72
	-9.8	-11	113.2	39.58	106.8	37.34	100.4	35.50	97.2	33.64	93.8	32.06	87.4	30.26
	-9.5	-10	113.2	39.28	106.8	37.08	100.4	35.24	97.2	33.40	93.8	31.86	87.4	30.04
	-8.5	-9.1	113.2	38.32	106.8	36.14	100.4	34.40	97.2	32.60	93.8	31.10	87.4	29.32
	-7.0	-7.6	113.2	36.86	106.8	34.78	100.4	33.10	97.2	31.38	93.8	29.96	87.4	28.24
	-5.0	-5.6	113.2	34.94	106.8	32.94	100.4	31.40	97.2	29.76	93.8	28.46	87.4	26.80
	-3.0	-3.7	113.2	33.02	106.8	31.10	100.4	29.66	97.2	28.14	93.8	26.94	87.4	25.34
	0.0	-0.7	113.2	30.14	106.8	28.32	100.4	27.10	97.2	25.72	93.8	24.68	87.4	23.18
	3.0	2.2	113.2	27.24	106.8	25.58	100.4	24.52	97.2	23.28	93.8	22.42	87.4	21.00
	5.0	4.1	111.0	22.92	104.6	21.48	98.2	20.64	95.0	19.60	92.2	18.92	85.8	17.70
	7.0	6	108.2	20.82	102.0	19.50	95.8	18.78	92.8	17.84	89.6	17.28	83.6	16.12
	9.0	7.9	104.0	17.84	98.2	16.70	92.2	16.08	89.4	15.28	86.4	14.82	80.6	13.82
	11.0	9.8	99.0	15.84	93.4	14.82	87.6	14.28	84.4	13.56	81.6	13.14	76.2	12.26
	13.0	11.8	92.4	13.54	87.4	12.68	82.0	12.20	79.4	11.66	76.8	11.24	71.4	10.56
	15.0	13.7	87.4	12.04	82.6	11.26	77.4	10.84	75.2	10.32	72.6	9.98	67.6	9.30

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM660LTE5

Heating Capacity (66HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	130.2	66.94	130.2	67.42	129.4	67.85	129.4	68.49	129.4	69.12	127.3	70.08
	-21.8	-22	157.7	67.92	157.7	68.40	156.6	68.83	156.6	69.47	156.6	70.08	154.1	71.05
	-19.8	-20	166.1	68.56	166.1	69.05	164.9	69.47	164.9	70.12	164.9	70.72	162.3	71.70
	-18.8	-19	169.6	68.88	169.6	69.36	168.6	69.79	168.6	70.43	168.6	71.05	165.8	72.01
	-16.7	-17	177.5	69.57	177.5	70.05	176.4	70.48	176.4	71.12	176.4	71.72	173.5	72.70
	-13.7	-15	188.6	70.55	188.6	71.01	187.6	71.44	187.6	72.08	187.6	72.70	184.4	69.91
	-11.8	-13	194.8	71.15	194.8	71.63	193.6	72.06	193.6	72.70	193.6	70.82	191.2	68.14
	-9.8	-11	201.2	71.79	201.2	72.28	200.0	72.70	200.0	70.70	200.0	68.85	198.1	66.29
	-9.5	-10	202.5	71.91	202.5	72.37	201.2	72.39	201.2	70.40	201.1	68.54	199.2	66.00
	-8.5	-9.1	206.6	72.22	206.6	72.70	205.3	71.36	205.3	69.38	204.1	67.55	202.8	65.06
	-7.0	-7.6	212.8	72.70	212.8	71.19	211.4	69.82	211.4	67.86	211.4	66.07	208.7	63.67
	-5.0	-5.6	220.9	70.73	220.9	69.17	219.5	67.77	219.5	65.87	219.5	64.10	215.8	61.81
	-3.0	-3.7	229.1	68.78	229.1	67.15	227.7	65.71	227.7	63.85	227.7	62.11	223.0	59.94
	0.0	-0.7	241.2	65.84	241.2	64.14	239.9	62.61	239.9	60.84	239.9	59.14	233.3	57.15
	3.0	2.2	253.6	62.90	253.6	61.11	251.9	59.53	251.9	57.81	250.4	56.16	234.7	54.35
	5.0	4.1	256.4	55.37	256.0	53.61	254.5	52.10	253.3	50.51	247.1	49.00	230.0	47.41
	7.0	6	256.0	52.48	255.6	50.78	254.1	49.32	249.5	47.88	240.9	46.45	224.1	45.07
	9.0	7.9	247.7	48.77	247.1	47.20	246.5	45.84	240.3	44.49	232.0	43.18	215.9	41.89
	11.0	9.8	234.3	45.68	233.7	44.21	233.0	42.91	227.3	41.66	219.4	40.42	204.2	39.22
	13.0	11.8	220.1	41.94	219.5	40.58	218.8	39.40	213.5	38.26	206.0	37.12	191.8	36.00
	15.0	13.7	208.1	38.80	207.7	37.54	206.9	36.47	201.9	35.40	194.9	34.36	181.5	33.31
120	-24.8	-25	129.3	67.42	129.3	67.85	128.4	68.49	128.4	69.12	128.4	70.08	126.3	70.77
	-21.8	-22	156.6	68.40	156.6	68.83	155.6	69.47	155.6	70.08	155.6	71.05	153.1	71.72
	-19.8	-20	164.8	69.05	164.8	69.47	163.8	70.12	163.8	70.72	163.8	71.70	161.0	72.37
	-18.8	-19	168.6	69.36	168.6	69.79	167.5	70.43	167.5	71.05	167.5	72.01	164.7	72.70
	-16.7	-17	176.4	70.05	176.4	70.48	175.2	71.12	175.2	71.72	175.2	72.70	172.2	70.90
	-13.7	-15	187.2	71.01	187.2	71.44	186.2	72.08	186.2	72.70	186.2	70.01	183.1	68.34
	-11.8	-13	193.4	71.63	193.4	72.06	192.2	72.70	192.2	70.80	192.2	68.32	189.8	66.71
	-9.8	-11	199.8	72.28	199.8	72.70	198.5	70.62	198.5	68.81	198.5	66.54	196.8	65.00
	-9.5	-10	201.2	72.37	201.2	72.38	199.9	70.31	199.9	68.50	199.9	66.27	198.0	64.75
	-8.5	-9.1	205.1	72.70	205.1	71.26	203.9	69.25	203.9	67.51	203.9	65.38	201.8	63.88
	-7.0	-7.6	211.2	71.06	211.2	69.60	209.9	67.70	209.9	66.01	209.7	64.05	207.1	62.59
	-5.0	-5.6	219.4	68.85	219.4	67.39	217.8	65.59	217.8	64.00	217.8	62.26	214.5	60.88
	-3.0	-3.7	227.5	66.64	227.5	65.19	226.1	63.50	226.1	62.01	226.1	60.47	220.5	59.17
	0.0	-0.7	239.5	63.34	239.5	61.86	238.1	60.37	238.1	59.02	236.9	57.79	220.5	56.61
	3.0	2.2	251.9	60.01	251.9	58.53	249.3	57.23	244.9	56.03	237.2	55.12	220.5	54.04
	5.0	4.1	254.9	52.48	253.5	51.07	248.2	49.92	239.9	48.85	232.6	48.14	216.1	47.20
	7.0	6	254.5	49.49	251.8	48.16	241.9	47.20	233.9	46.30	226.7	45.87	210.6	45.05
	9.0	7.9	245.9	45.88	242.6	44.64	233.0	43.77	225.4	42.92	218.4	42.51	202.7	41.74
	11.0	9.8	232.6	42.83	229.4	41.65	220.5	40.85	213.1	40.05	206.5	39.70	191.8	38.97
	13.0	11.8	218.4	39.18	215.5	38.12	206.9	37.37	200.0	36.66	194.0	36.32	180.1	35.67
	15.0	13.7	206.6	36.11	203.9	35.12	195.7	34.45	189.4	33.79	183.5	33.48	170.3	32.87
110	-24.8	-25	128.6	67.85	128.6	68.49	127.7	69.12	127.7	70.08	127.7	70.77	125.7	71.08
	-21.8	-22	155.7	68.83	155.7	69.47	154.7	70.08	154.7	71.05	154.7	71.72	152.2	72.06
	-19.8	-20	163.9	69.47	163.9	70.12	162.9	70.72	162.9	71.70	162.9	72.37	160.1	72.70
	-18.8	-19	167.6	69.79	167.6	70.43	166.5	71.05	166.5	72.01	166.5	72.70	163.8	71.75
	-16.7	-17	175.4	70.48	175.4	71.12	174.2	71.72	174.2	72.70	174.2	70.76	171.2	69.77
	-13.7	-15	186.3	71.44	186.3	72.08	185.0	72.70	185.0	69.76	185.0	67.98	185.0	66.91
	-11.8	-13	192.3	72.06	192.3	72.70	191.2	70.62	191.2	67.91	191.2	66.22	191.2	65.12
	-9.8	-11	198.8	72.70	198.8	70.37	197.5	68.43	197.5	65.93	197.5	64.38	196.7	63.22
	-9.5	-10	199.9	72.32	199.9	69.99	198.9	68.11	198.9	65.65	198.9	64.10	198.1	62.93
	-8.5	-9.1	204.0	71.06	204.0	68.83	202.7	67.03	202.7	64.65	202.7	63.16	198.4	62.00
	-7.0	-7.6	210.2	69.14	210.2	67.06	208.9	65.37	208.9	63.18	208.9	61.78	198.4	60.58
	-5.0	-5.6	218.2	66.61	218.2	64.71	216.8	63.19	216.8	61.23	212.5	59.93	198.4	58.68
	-3.0	-3.7	226.1	64.09	226.1	62.38	224.6	61.00	219.8	59.26	212.5	58.07	198.4	56.79
	0.0	-0.7	238.3	60.28	237.9	58.85	227.3	57.72	219.8	56.30	212.5	55.30	198.4	53.94
	3.0	2.2	249.9	56.47	242.2	55.32	227.3	54.42	219.8	53.38	212.5	52.52	198.4	51.10
	5.0	4.1	251.1	48.95	237.4	47.99	222.8	47.27	215.5	46.44	208.3	45.71	194.4	44.39
	7.0	6	244.8	45.75	231.4	45.07	217.2	44.55	209.9	44.01	202.9	43.46	189.5	42.10
	9.0	7.9	235.7	42.19	222.8	41.55	209.2	41.08	202.3	40.59	195.4	40.08	182.5	38.83
	11.0	9.8	223.0	39.14	210.8	38.56	197.8	38.13	191.4	37.67	184.8	37.19	172.6	36.03
	13.0	11.8	209.3	35.59	198.0	35.05	185.8	34.64	179.6	34.22	173.6	33.78	162.1	32.76
	15.0	13.7	198.0	32.53	187.1	32.04	175.9	31.69	170.0	31.31	164.3	30.89	153.4	29.94

7. Capacity Tables

Heating Capacity (66HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	128.0	74.71	128.0	74.45	127.3	69.50	127.3	73.78	127.3	73.51	125.1	73.37
	-21.8	-22	155.0	74.32	155.0	74.04	154.1	71.68	154.1	73.39	154.1	74.06	151.5	72.98
	-19.8	-20	163.2	74.04	163.2	73.76	162.2	73.05	162.2	73.11	162.2	73.15	159.4	72.70
	-18.8	-19	166.9	73.90	165.9	73.65	165.9	73.39	165.9	72.97	165.9	72.70	163.1	71.54
	-16.7	-17	173.5	73.63	173.5	73.36	173.5	74.06	172.5	72.70	172.5	70.31	169.6	69.12
	-13.7	-15	185.3	73.22	185.3	72.96	184.3	72.70	184.3	69.24	184.3	66.90	181.3	65.65
	-11.8	-13	191.3	72.98	190.3	72.70	190.3	70.39	190.3	67.04	190.3	64.73	181.3	63.44
	-9.8	-11	197.8	72.70	197.8	70.10	196.8	67.94	196.8	64.74	194.7	62.46	181.3	61.12
	-9.5	-10	198.9	72.29	198.9	69.70	197.9	67.56	197.9	64.39	194.7	62.13	181.3	60.78
	-8.5	-9.1	203.0	70.93	203.0	68.41	202.0	66.35	201.3	63.22	194.7	60.98	181.3	59.62
	-7.0	-7.6	212.5	68.88	211.6	66.44	207.9	64.49	201.3	61.48	194.7	59.27	181.3	57.88
	-5.0	-5.6	221.7	66.14	219.5	63.84	207.9	62.04	201.3	59.18	194.7	57.00	181.3	55.58
	-3.0	-3.7	228.1	63.42	221.1	61.24	207.9	59.61	201.3	56.87	194.7	54.73	181.3	53.27
	0.0	-0.7	234.5	59.32	221.1	57.33	207.9	55.92	201.3	53.41	194.7	51.30	181.3	49.79
	3.0	2.2	234.5	55.21	221.1	53.42	207.9	52.26	201.3	49.94	194.7	47.91	181.3	46.32
	5.0	4.1	229.7	47.66	216.8	46.06	203.6	45.10	197.3	43.06	190.8	41.23	177.6	39.75
	7.0	6	224.0	44.29	211.2	42.90	198.6	42.14	192.1	40.33	185.8	38.59	173.2	37.11
	9.0	7.9	215.8	40.58	203.6	39.30	191.4	38.62	185.2	36.93	179.2	35.34	166.7	33.98
	11.0	9.8	204.0	37.35	192.4	36.17	180.9	35.56	175.1	34.01	169.3	32.54	157.8	31.30
	13.0	11.8	191.6	33.64	180.8	32.60	169.9	32.03	164.4	30.64	159.0	29.31	148.1	28.18
	15.0	13.7	181.3	30.45	171.0	29.48	160.7	28.98	155.5	27.73	150.4	26.52	140.2	25.51
90	-24.8	-25	127.6	66.63	127.6	67.59	126.7	68.28	126.7	68.59	126.7	69.26	124.7	70.22
	-21.8	-22	154.4	67.59	154.4	68.57	153.5	69.26	153.5	69.57	153.5	70.22	150.8	67.16
	-19.8	-20	162.6	68.26	162.6	69.21	161.6	69.90	161.6	70.22	161.6	68.13	159.0	65.15
	-18.8	-19	166.9	68.57	165.9	69.55	165.3	70.22	165.3	69.14	165.3	67.09	162.5	64.12
	-16.7	-17	173.5	69.26	173.5	70.22	172.7	67.99	172.7	66.88	172.7	64.91	165.6	61.98
	-13.7	-15	185.3	70.22	185.3	66.90	183.7	64.81	183.7	63.68	178.4	61.78	165.6	58.95
	-11.8	-13	191.3	67.94	190.3	64.81	189.6	62.80	184.4	61.63	178.4	59.79	165.6	57.01
	-9.8	-11	197.8	65.56	197.8	62.61	190.2	60.70	184.4	59.48	178.4	57.72	165.6	54.97
	-9.5	-10	198.9	65.19	198.9	62.27	190.2	60.36	184.4	59.14	178.4	57.41	165.6	54.67
	-8.5	-9.1	203.0	64.01	201.4	61.18	190.2	59.31	184.4	58.08	178.4	56.36	165.6	53.66
	-7.0	-7.6	212.5	62.21	202.0	59.53	190.2	57.72	184.4	56.47	178.4	54.79	165.6	52.13
	-5.0	-5.6	214.8	59.81	202.0	57.32	190.2	55.60	184.4	54.32	178.4	52.70	165.6	50.11
	-3.0	-3.7	214.8	57.43	202.0	55.10	190.2	53.48	184.4	52.17	178.4	50.62	165.6	48.06
	0.0	-0.7	214.8	53.84	202.0	51.79	190.2	50.31	184.4	48.94	178.4	47.50	165.6	45.02
	3.0	2.2	214.8	50.26	202.0	48.50	190.2	47.13	184.4	45.74	178.4	44.37	165.6	41.97
	5.0	4.1	210.5	43.35	198.0	41.85	186.4	40.65	180.5	39.36	174.9	38.16	162.3	36.02
	7.0	6	205.0	40.47	193.0	39.23	181.5	38.17	175.9	36.88	170.3	35.78	158.4	33.72
	9.0	7.9	197.6	37.08	185.8	35.94	174.9	34.97	169.6	33.78	164.0	32.77	152.4	30.90
	11.0	9.8	186.8	33.81	175.9	32.76	165.4	31.88	160.4	30.79	155.1	29.87	144.2	28.17
	13.0	11.8	175.5	29.83	165.0	28.91	155.5	28.15	150.5	27.17	145.8	26.37	135.3	24.86
	15.0	13.7	166.0	26.70	156.1	25.89	147.1	25.19	142.5	24.32	138.0	23.60	128.1	22.26
80	-24.8	-25	127.0	58.66	127.0	59.64	126.3	60.33	126.3	60.64	126.3	62.27	124.1	59.59
	-21.8	-22	152.7	59.64	152.7	60.62	152.7	61.29	152.7	62.27	152.7	59.59	148.1	57.02
	-19.8	-20	160.9	60.29	160.9	61.26	160.9	62.27	160.9	60.36	158.8	57.79	148.1	55.29
	-18.8	-19	164.6	60.62	164.6	62.27	164.6	61.30	164.2	59.42	159.0	56.91	148.1	54.44
	-16.7	-17	170.2	62.27	170.2	60.26	170.2	59.29	165.0	57.44	159.0	55.03	148.1	52.64
	-13.7	-15	177.8	59.30	174.5	57.39	170.2	56.40	165.0	54.59	159.0	52.35	148.1	50.07
	-11.8	-13	182.5	57.40	177.1	55.57	170.2	54.57	165.0	52.80	159.0	50.64	148.1	48.43
	-9.8	-11	187.4	55.41	179.6	53.67	170.2	52.65	165.0	50.90	159.0	48.87	148.1	46.72
	-9.5	-10	188.7	55.11	180.5	53.37	170.2	52.35	165.0	50.62	159.0	48.59	148.1	46.45
	-8.5	-9.1	190.5	54.13	181.2	52.43	170.2	51.40	165.0	49.66	159.0	47.69	148.1	45.61
	-7.0	-7.6	192.4	52.64	181.2	50.98	170.2	49.95	165.0	48.24	159.0	46.36	148.1	44.31
	-5.0	-5.6	192.4	50.65	181.2	49.09	170.2	48.04	165.0	46.35	159.0	44.55	148.1	42.60
	-3.0	-3.7	192.4	48.66	181.2	47.17	170.2	46.12	165.0	44.45	159.0	42.77	148.1	40.87
	0.0	-0.7	192.4	45.68	181.2	44.30	170.2	43.23	165.0	41.62	159.0	40.08	148.1	38.30
	3.0	2.2	192.4	42.71	181.2	41.43	170.2	40.34	165.0	38.77	159.0	37.40	148.1	35.74
	5.0	4.1	188.5	36.81	177.6	35.71	166.7	34.70	161.7	33.28	155.8	32.14	145.2	30.69
	7.0	6	183.6	34.46	173.0	33.47	162.4	32.50	157.7	31.14	151.8	30.11	141.3	28.75
	9.0	7.9	176.9	30.71	166.7	29.83	156.5	29.10	151.8	27.99	146.4	27.00	136.3	25.71
	11.0	9.8	167.3	27.11	157.7	26.36	148.1	25.72	143.6	24.72	138.4	23.85	128.7	22.71
	13.0	11.8	157.1	23.40	148.1	22.74	139.0	22.19	134.9	21.33	130.0	20.57	121.1	19.59
	15.0	13.7	148.5	20.93	140.2	20.35	131.6	19.84	127.7	19.08	123.1	18.38	114.5	17.51

7. Capacity Tables

Heating Capacity (66HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	127.0	58.71	127.0	59.04	126.3	59.69	126.3	60.65	126.3	57.76	124.0	55.03
	-21.8	-22	145.8	59.69	145.8	60.00	144.8	60.65	139.9	57.76	135.7	55.03	126.7	52.41
	-19.8	-20	158.4	60.34	154.1	60.65	144.8	58.62	139.9	55.83	135.7	53.24	126.7	50.67
	-18.8	-19	162.8	60.65	154.1	59.60	144.8	57.59	139.9	54.84	135.7	52.32	126.7	49.79
	-16.7	-17	163.0	58.47	154.1	57.38	144.8	55.46	139.9	52.82	135.7	50.42	126.7	47.95
	-13.7	-15	163.0	55.34	154.1	54.22	144.8	52.40	139.9	49.91	135.7	47.71	126.7	45.33
	-11.8	-13	163.0	53.34	154.1	52.21	144.8	50.46	139.9	48.06	135.7	45.98	126.7	43.67
	-9.8	-11	163.0	51.27	154.1	50.10	144.8	48.41	139.9	46.13	135.7	44.18	126.7	41.92
	-9.5	-10	163.0	50.94	154.1	49.79	144.8	48.11	139.9	45.84	135.7	43.91	126.7	41.66
	-8.5	-9.1	163.0	49.90	154.1	48.73	144.8	47.10	139.9	44.87	135.7	43.00	126.7	40.79
	-7.0	-7.6	163.0	48.34	154.1	47.16	144.8	45.57	139.9	43.43	135.7	41.64	126.7	39.47
	-5.0	-5.6	163.0	46.26	154.1	45.03	144.8	43.52	139.9	41.48	135.7	39.83	126.7	37.74
	-3.0	-3.7	163.0	44.17	154.1	42.93	144.8	41.49	139.9	39.55	135.7	38.01	126.7	35.98
	0.0	-0.7	163.0	41.03	154.1	39.77	144.8	38.43	139.9	36.66	135.7	35.30	126.7	33.36
	3.0	2.2	163.0	37.90	154.1	36.59	144.8	35.36	139.9	33.74	135.7	32.60	126.7	30.72
	5.0	4.1	163.0	33.10	150.8	31.18	141.9	30.12	137.0	28.72	133.0	27.80	124.1	26.19
	7.0	6	163.3	31.53	147.1	28.81	138.3	27.86	133.6	26.60	129.7	25.79	121.1	24.25
	9.0	7.9	157.4	27.15	141.6	24.81	133.3	23.98	128.7	22.89	124.8	22.20	116.5	20.87
	11.0	9.8	148.7	23.94	134.0	21.87	126.0	21.14	121.7	20.19	118.2	19.58	110.2	18.40
	13.0	11.8	139.6	20.84	125.8	19.05	118.4	18.41	114.2	17.57	110.9	17.06	103.5	16.02
	15.0	13.7	132.0	18.41	119.0	16.83	112.0	16.28	108.2	15.52	105.0	15.06	98.0	14.17
60	-24.8	-25	125.0	57.92	125.0	58.57	124.1	59.55	120.1	56.45	115.9	53.54	108.5	50.82
	-21.8	-22	133.9	58.90	132.4	59.55	124.1	56.45	120.1	53.54	115.9	50.82	108.5	48.18
	-19.8	-20	139.9	59.55	132.4	57.36	124.1	54.39	120.1	51.61	115.9	49.00	108.5	46.43
	-18.8	-19	139.9	58.45	132.4	56.28	124.1	53.36	120.1	50.65	115.9	48.09	108.5	45.54
	-16.7	-17	139.9	56.12	132.4	53.96	124.1	51.19	120.1	48.61	115.9	46.19	108.5	43.71
	-13.7	-15	139.9	52.80	132.4	50.68	124.1	48.08	120.1	45.72	115.9	43.45	108.5	41.07
	-11.8	-13	139.9	50.71	132.4	48.60	124.1	46.12	120.1	43.87	115.9	41.72	108.5	39.41
	-9.8	-11	139.9	48.49	132.4	46.41	124.1	44.06	120.1	41.94	115.9	39.91	108.5	37.64
	-9.5	-10	139.9	48.16	132.4	46.08	124.1	43.76	120.1	41.64	115.9	39.63	108.5	37.38
	-8.5	-9.1	139.9	47.05	132.4	45.00	124.1	42.72	120.1	40.69	115.9	38.73	108.5	36.51
	-7.0	-7.6	139.9	45.41	132.4	43.36	124.1	41.17	120.1	39.22	115.9	37.36	108.5	35.20
	-5.0	-5.6	139.9	43.18	132.4	41.17	124.1	39.12	120.1	37.29	115.9	35.55	108.5	33.43
	-3.0	-3.7	139.9	40.98	132.4	38.98	124.1	37.05	120.1	35.36	115.9	33.72	108.5	31.67
	0.0	-0.7	139.9	37.65	132.4	35.67	124.1	33.95	120.1	32.45	115.9	31.00	108.5	29.05
	3.0	2.2	139.9	34.34	132.4	32.40	124.1	30.84	120.1	29.55	115.9	28.26	108.5	26.41
	5.0	4.1	137.0	29.09	129.7	27.34	121.7	26.02	117.6	24.98	113.5	23.91	106.2	22.30
	7.0	6	133.6	26.62	126.4	24.95	118.6	23.79	114.5	22.86	110.6	21.92	103.6	20.38
	9.0	7.9	128.7	22.69	121.8	21.25	114.2	20.25	110.5	19.46	106.6	18.68	99.7	17.37
	11.0	9.8	121.7	20.00	115.1	18.73	107.9	17.86	104.3	17.16	100.9	16.46	94.4	15.31
	13.0	11.8	114.2	17.40	108.3	16.30	101.3	15.54	98.0	14.94	94.7	14.32	88.5	13.33
	15.0	13.7	108.2	15.52	102.3	14.55	96.1	13.73	92.8	13.20	89.5	12.65	83.8	11.89
50	-24.8	-25	116.8	50.72	110.2	51.68	103.5	48.95	100.2	46.38	96.7	43.97	90.1	41.71
	-21.8	-22	116.8	51.68	110.2	48.95	103.5	46.38	100.2	43.97	96.7	41.71	90.1	39.53
	-19.8	-20	116.8	49.78	110.2	47.12	103.5	44.67	100.2	42.34	96.7	40.19	90.1	38.07
	-18.8	-19	116.8	48.82	110.2	46.19	103.5	43.83	100.2	41.54	96.7	39.45	90.1	37.37
	-16.7	-17	116.8	46.81	110.2	44.29	103.5	42.03	100.2	39.82	96.7	37.86	90.1	35.85
	-13.7	-15	116.8	43.95	110.2	41.53	103.5	39.45	100.2	37.40	96.7	35.60	90.1	33.67
	-11.8	-13	116.8	42.12	110.2	39.80	103.5	37.84	100.2	35.87	96.7	34.18	90.1	32.30
	-9.8	-11	116.8	40.21	110.2	37.97	103.5	36.12	100.2	34.25	96.7	32.66	90.1	30.85
	-9.5	-10	116.8	39.92	110.2	37.70	103.5	35.86	100.2	34.01	96.7	32.46	90.1	30.62
	-8.5	-9.1	116.8	38.97	110.2	36.77	103.5	35.02	100.2	33.21	96.7	31.70	90.1	29.90
	-7.0	-7.6	116.8	37.52	110.2	35.41	103.5	33.73	100.2	31.99	96.7	30.57	90.1	28.83
	-5.0	-5.6	116.8	35.61	110.2	33.58	103.5	32.03	100.2	30.38	96.7	29.07	90.1	27.38
	-3.0	-3.7	116.8	33.70	110.2	31.75	103.5	30.30	100.2	28.76	96.7	27.55	90.1	25.92
	0.0	-0.7	116.8	30.84	110.2	28.99	103.5	27.75	100.2	26.34	96.7	25.29	90.1	23.76
	3.0	2.2	116.8	27.96	110.2	26.26	103.5	25.18	100.2	23.91	96.7	23.04	90.1	21.58
	5.0	4.1	114.5	23.57	107.9	22.10	101.3	21.23	98.0	20.17	95.0	19.48	88.5	18.22
	7.0	6	111.5	21.48	105.2	20.12	98.8	19.38	95.7	18.41	92.4	17.83	86.2	16.63
	9.0	7.9	107.3	18.49	101.3	17.31	95.1	16.67	92.1	15.84	89.1	15.36	83.1	14.32
	11.0	9.8	102.0	16.50	96.3	15.44	90.4	14.87	87.1	14.13	84.2	13.69	78.6	12.77
	13.0	11.8	95.3	14.19	90.1	13.29	84.5	12.79	81.9	12.23	79.2	11.78	73.6	11.06
	15.0	13.7	90.1	12.71	85.2	11.89	79.9	11.45	77.5	10.89	74.9	10.54	69.7	9.82

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM680LTE5

Heating Capacity (68HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	131.6	68.67	131.6	69.30	130.7	69.85	130.7	70.68	130.7	71.48	129.2	72.73
	-21.8	-22	159.6	69.94	159.6	70.56	158.6	71.11	158.6	71.94	158.6	72.73	156.7	73.98
	-19.8	-20	168.3	70.76	168.3	71.40	167.1	71.94	167.1	72.77	167.1	73.55	165.2	74.81
	-18.8	-19	172.0	71.18	172.0	71.80	171.0	72.35	171.0	73.18	171.0	73.98	168.9	75.22
	-16.7	-17	180.1	72.06	180.1	72.69	179.1	73.24	179.1	74.06	179.1	74.84	176.9	76.10
	-13.7	-15	191.7	73.32	191.7	73.93	190.6	74.48	190.6	75.30	190.6	76.10	188.2	73.24
	-11.8	-13	198.1	74.10	198.1	74.73	196.8	75.28	196.8	76.10	196.8	74.18	195.0	71.43
	-9.8	-11	204.7	74.93	204.7	75.56	203.5	76.10	203.5	74.06	203.5	72.16	201.9	69.53
	-9.5	-10	206.2	75.07	206.2	75.68	204.9	75.79	204.9	73.75	204.5	71.85	202.9	69.24
	-8.5	-9.1	211.4	75.48	211.4	76.10	210.1	74.74	210.1	72.72	207.7	70.83	206.5	68.27
	-7.0	-7.6	219.3	76.10	219.3	74.57	217.8	73.18	217.8	71.17	217.8	69.32	213.6	66.85
	-5.0	-5.6	229.5	74.13	229.5	72.53	228.0	71.09	228.0	69.14	228.0	67.31	221.0	64.94
	-3.0	-3.7	239.9	72.16	239.9	70.49	238.4	69.00	238.4	67.08	238.4	65.27	228.5	63.02
	0.0	-0.7	255.2	69.20	255.2	67.44	253.7	65.85	252.6	64.01	250.4	62.24	239.6	60.16
	3.0	2.2	265.3	66.24	265.3	64.37	263.8	62.72	262.2	60.93	258.5	59.19	241.8	57.30
	5.0	4.1	266.4	58.39	265.9	56.55	264.5	54.96	261.8	53.29	254.6	51.70	237.0	50.02
	7.0	6	264.1	55.44	263.7	53.65	262.3	52.10	257.1	50.58	248.2	49.07	230.9	47.61
	9.0	7.9	255.2	51.61	254.6	49.94	253.9	48.50	247.6	47.08	239.0	45.69	222.4	44.33
	11.0	9.8	241.4	48.42	240.8	46.87	240.1	45.49	234.2	44.17	226.1	42.85	210.4	41.58
	13.0	11.8	226.7	44.56	226.1	43.11	225.5	41.86	219.9	40.64	212.2	39.44	197.6	38.25
	15.0	13.7	214.5	41.33	214.0	39.99	213.2	38.84	208.1	37.70	200.8	36.59	187.0	35.48
120	-24.8	-25	130.7	69.30	130.7	69.85	129.7	70.68	129.7	71.48	129.7	72.73	128.2	73.61
	-21.8	-22	158.6	70.56	158.6	71.11	157.6	71.94	157.6	72.73	157.6	73.98	155.7	74.84
	-19.8	-20	167.1	71.40	167.1	71.94	166.0	72.77	166.0	73.55	166.0	74.81	163.9	75.68
	-18.8	-19	170.9	71.80	170.9	72.35	169.9	73.18	169.9	73.98	169.9	75.22	167.8	76.10
	-16.7	-17	179.0	72.69	179.0	73.24	177.8	74.06	177.8	74.84	177.8	76.10	175.6	74.26
	-13.7	-15	190.3	73.93	190.3	74.48	189.2	75.30	189.2	76.10	189.2	73.35	186.9	71.64
	-11.8	-13	196.7	74.73	196.7	75.28	195.4	76.10	195.4	74.16	195.4	71.62	193.6	69.96
	-9.8	-11	203.2	75.56	203.2	76.10	201.9	73.98	201.9	72.12	201.9	69.80	200.5	68.21
	-9.5	-10	204.9	75.68	204.9	75.77	203.6	73.66	203.6	71.81	203.6	69.52	202.0	67.95
	-8.5	-9.1	209.9	76.10	209.9	74.63	208.7	72.58	208.7	70.79	208.2	68.62	206.4	67.06
	-7.0	-7.6	217.6	74.43	217.6	72.94	216.3	70.99	216.3	69.26	214.2	67.24	211.9	65.74
	-5.0	-5.6	228.0	72.19	228.0	70.69	226.3	68.85	226.3	67.21	226.3	65.42	219.6	63.99
	-3.0	-3.7	238.1	69.94	238.1	68.45	236.7	66.71	236.7	65.17	235.8	63.59	226.5	62.23
	0.0	-0.7	253.4	66.59	252.9	65.06	249.3	63.51	247.3	62.11	244.2	60.84	227.1	59.61
	3.0	2.2	263.5	63.22	262.8	61.67	258.1	60.31	252.3	59.05	244.4	58.11	227.1	56.98
	5.0	4.1	264.7	55.35	262.7	53.87	255.7	52.66	247.2	51.54	239.7	50.79	222.7	49.80
	7.0	6	262.5	52.28	259.5	50.88	249.3	49.86	241.0	48.91	233.5	48.46	216.9	47.59
	9.0	7.9	253.3	48.55	249.9	47.23	240.1	46.31	232.2	45.42	225.0	44.98	208.9	44.17
	11.0	9.8	239.7	45.40	236.3	44.15	227.1	43.29	219.6	42.46	212.8	42.07	197.6	41.31
	13.0	11.8	225.0	41.62	222.0	40.49	213.2	39.69	206.1	38.94	199.9	38.57	185.6	37.89
	15.0	13.7	212.9	38.44	210.1	37.39	201.7	36.67	195.1	35.98	189.1	35.64	175.5	35.00
110	-24.8	-25	129.9	69.85	129.9	70.68	129.1	71.48	129.1	72.73	129.1	73.61	127.6	74.02
	-21.8	-22	157.7	71.11	157.7	71.94	156.7	72.73	156.7	73.98	156.7	74.84	154.8	75.28
	-19.8	-20	166.1	71.94	166.1	72.77	165.1	73.55	165.1	74.81	165.1	75.68	162.9	76.10
	-18.8	-19	169.9	72.35	169.9	73.18	168.9	73.98	168.9	75.22	168.9	76.10	166.8	75.12
	-16.7	-17	178.0	73.24	178.0	74.06	176.8	74.84	176.8	76.10	176.8	74.11	174.6	73.08
	-13.7	-15	189.4	74.48	189.4	75.30	188.0	76.10	188.0	73.08	188.0	71.26	188.0	70.15
	-11.8	-13	195.5	75.28	195.5	76.10	194.4	73.97	194.4	71.18	194.4	69.44	194.4	68.30
	-9.8	-11	202.2	76.10	202.2	73.71	200.9	71.73	200.9	69.16	200.9	67.55	200.1	66.35
	-9.5	-10	203.6	75.71	203.6	73.32	202.6	71.39	202.6	68.86	202.6	67.27	202.0	66.05
	-8.5	-9.1	208.8	74.43	208.8	72.14	207.4	70.28	207.4	67.84	207.1	66.31	203.8	65.09
	-7.0	-7.6	216.5	72.46	216.5	70.32	215.2	68.58	215.2	66.33	213.7	64.89	204.4	63.63
	-5.0	-5.6	226.7	69.87	226.7	67.92	225.2	66.35	224.2	64.33	218.0	62.99	204.4	61.68
	-3.0	-3.7	236.7	67.29	236.7	65.52	232.2	64.10	226.5	62.30	218.9	61.08	204.4	59.73
	0.0	-0.7	250.1	63.38	246.3	61.91	234.2	60.74	226.5	59.27	218.9	58.23	204.4	56.79
	3.0	2.2	259.3	59.49	249.5	58.29	234.2	57.36	226.5	56.27	218.9	55.37	204.4	53.88
	5.0	4.1	258.8	51.62	244.5	50.63	229.5	49.87	222.0	49.00	214.6	48.24	200.3	46.84
	7.0	6	252.2	48.33	238.4	47.61	223.7	47.07	216.3	46.49	209.1	45.91	195.2	44.48
	9.0	7.9	242.9	44.64	229.5	43.96	215.5	43.46	208.4	42.95	201.3	42.40	188.1	41.08
	11.0	9.8	229.8	41.49	217.2	40.87	203.7	40.41	197.2	39.92	190.4	39.41	177.8	38.19
	13.0	11.8	215.7	37.80	204.0	37.23	191.4	36.79	185.1	36.35	178.9	35.88	167.0	34.79
	15.0	13.7	204.0	34.63	192.8	34.11	181.2	33.73	175.1	33.32	169.3	32.88	158.1	31.87

7. Capacity Tables

Heating Capacity (68HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	129.3	76.93	129.3	76.82	128.6	72.24	128.6	76.54	128.6	76.44	126.9	76.38
	-21.8	-22	156.9	76.77	156.9	76.65	156.0	74.52	156.0	76.39	156.0	77.26	154.0	76.23
	-19.8	-20	165.4	76.65	165.4	76.53	164.4	75.96	164.4	76.27	164.4	76.49	162.3	76.10
	-18.8	-19	169.3	76.59	168.2	76.50	168.2	76.39	168.2	76.21	168.2	76.10	166.1	74.91
	-16.7	-17	176.1	76.49	176.1	76.38	176.1	77.26	175.1	76.10	175.1	73.64	172.9	72.40
	-13.7	-15	188.4	76.31	188.4	76.21	187.3	76.10	187.3	72.54	187.3	70.11	185.0	68.81
	-11.8	-13	194.5	76.23	193.5	76.10	193.5	73.72	193.5	70.27	193.5	67.88	186.5	66.52
	-9.8	-11	201.1	76.10	201.1	73.43	200.2	71.20	200.2	67.89	198.6	65.53	186.7	64.13
	-9.5	-10	202.6	75.68	202.6	73.02	201.6	70.81	201.6	67.53	199.2	65.19	186.7	63.78
	-8.5	-9.1	207.7	74.28	207.7	71.69	206.7	69.57	207.4	66.33	200.6	64.00	186.7	62.58
	-7.0	-7.6	218.9	72.18	218.0	69.67	214.2	67.65	207.4	64.54	200.6	62.23	186.7	60.78
	-5.0	-5.6	228.5	69.37	226.1	67.00	214.2	65.13	207.4	62.16	200.6	59.89	186.7	58.41
	-3.0	-3.7	235.0	66.58	227.8	64.33	214.2	62.64	207.4	59.78	200.6	57.54	186.7	56.01
	0.0	-0.7	241.7	62.37	227.8	60.30	214.2	58.84	207.4	56.21	200.6	54.01	186.7	52.42
	3.0	2.2	241.7	58.16	227.8	56.28	214.2	55.07	207.4	52.63	200.6	50.50	186.7	48.83
	5.0	4.1	236.7	50.27	223.4	48.58	209.8	47.58	203.3	45.42	196.5	43.50	183.0	41.94
	7.0	6	230.8	46.79	217.6	45.32	204.6	44.52	197.9	42.60	191.5	40.76	178.5	39.20
	9.0	7.9	222.3	42.90	209.7	41.54	197.2	40.82	190.8	39.04	184.6	37.36	171.7	35.92
	11.0	9.8	210.2	39.52	198.3	38.27	186.3	37.62	180.4	35.98	174.4	34.43	162.5	33.11
	13.0	11.8	197.4	35.63	186.3	34.52	175.1	33.92	169.4	32.45	163.8	31.04	152.6	29.84
	15.0	13.7	186.7	32.28	176.2	31.26	165.6	30.72	160.2	29.39	155.0	28.11	144.5	27.04
90	-24.8	-25	128.9	68.62	128.9	69.86	128.0	70.75	128.0	71.15	128.0	72.01	126.5	73.25
	-21.8	-22	156.3	69.86	156.3	71.12	155.4	72.01	155.4	72.41	155.4	73.25	153.4	70.11
	-19.8	-20	164.8	70.72	164.8	71.95	163.7	72.83	163.7	73.25	163.7	71.11	161.8	68.04
	-18.8	-19	169.3	71.12	168.2	72.38	167.6	73.25	167.6	72.14	167.6	70.04	165.5	66.98
	-16.7	-17	176.1	72.01	176.1	73.25	175.3	70.97	175.3	69.83	175.3	67.80	169.7	64.78
	-13.7	-15	188.4	73.25	188.4	69.86	186.7	67.72	186.7	66.55	182.7	64.59	170.7	61.66
	-11.8	-13	194.5	70.93	193.5	67.72	192.8	65.66	188.8	64.45	183.8	62.56	170.7	59.67
	-9.8	-11	201.1	68.50	201.1	65.48	194.8	63.51	190.0	62.24	183.8	60.43	170.7	57.58
	-9.5	-10	202.6	68.13	202.6	65.13	195.4	63.17	190.0	61.90	183.8	60.11	170.7	57.27
	-8.5	-9.1	207.7	66.92	206.1	64.02	195.9	62.09	190.0	60.82	183.8	59.04	170.7	56.23
	-7.0	-7.6	218.9	65.09	208.1	62.33	195.9	60.47	190.0	59.17	183.8	57.43	170.7	54.66
	-5.0	-5.6	221.3	62.64	208.1	60.08	195.9	58.30	190.0	56.97	183.8	55.29	170.7	52.58
	-3.0	-3.7	221.3	60.22	208.1	57.82	195.9	56.14	190.0	54.76	183.8	53.15	170.7	50.48
	0.0	-0.7	221.3	56.56	208.1	54.43	195.9	52.89	190.0	51.46	183.8	49.95	170.7	47.35
	3.0	2.2	221.3	52.92	208.1	51.07	195.9	49.65	190.0	48.18	183.8	46.74	170.7	44.22
	5.0	4.1	216.9	45.70	204.0	44.13	192.1	42.87	186.0	41.51	180.2	40.25	167.3	38.00
	7.0	6	211.2	42.75	198.9	41.44	187.0	40.33	181.3	38.96	175.5	37.80	163.2	35.63
	9.0	7.9	203.6	39.20	191.5	37.99	180.2	36.97	174.7	35.71	169.0	34.64	157.1	32.67
	11.0	9.8	192.5	35.77	181.2	34.66	170.4	33.72	165.3	32.58	159.8	31.61	148.5	29.81
	13.0	11.8	180.8	31.59	170.0	30.61	160.2	29.81	155.1	28.77	150.2	27.93	139.4	26.33
	15.0	13.7	171.0	28.30	160.9	27.45	151.5	26.71	146.8	25.79	142.1	25.03	132.0	23.60
80	-24.8	-25	128.3	60.31	128.3	61.57	127.6	62.46	127.6	62.86	127.6	64.96	125.9	62.20
	-21.8	-22	154.6	61.57	154.6	62.83	154.6	63.70	154.6	64.96	154.6	62.20	150.8	59.55
	-19.8	-20	163.1	62.41	163.1	63.66	163.1	64.96	163.1	63.00	161.3	60.35	152.6	57.78
	-18.8	-19	166.9	62.83	166.9	64.96	166.9	63.96	166.5	62.03	162.4	59.44	152.6	56.90
	-16.7	-17	173.3	64.96	173.3	62.89	173.3	61.90	169.2	60.00	163.9	57.52	152.6	55.05
	-13.7	-15	183.2	61.92	179.8	59.96	175.4	58.94	170.0	57.07	163.9	54.76	152.6	52.40
	-11.8	-13	188.0	59.99	182.5	58.10	175.4	57.07	170.0	55.24	163.9	53.01	152.6	50.72
	-9.8	-11	192.7	57.95	184.8	56.16	175.4	55.10	170.0	53.29	163.9	51.18	152.6	48.96
	-9.5	-10	194.0	57.65	185.8	55.85	175.4	54.79	170.0	53.00	163.9	50.90	152.6	48.68
	-8.5	-9.1	196.0	56.64	186.7	54.89	175.4	53.82	170.0	52.02	163.9	49.97	152.6	47.82
	-7.0	-7.6	198.2	55.12	186.7	53.41	175.4	52.34	170.0	50.56	163.9	48.61	152.6	46.48
	-5.0	-5.6	198.2	53.09	186.7	51.47	175.4	50.38	170.0	48.62	163.9	46.75	152.6	44.72
	-3.0	-3.7	198.2	51.05	186.7	49.51	175.4	48.41	170.0	46.67	163.9	44.92	152.6	42.94
	0.0	-0.7	198.2	48.01	186.7	46.58	175.4	45.45	170.0	43.77	163.9	42.16	152.6	40.29
	3.0	2.2	198.2	44.97	186.7	43.64	175.4	42.49	170.0	40.84	163.9	39.41	152.6	37.66
	5.0	4.1	194.2	38.82	183.0	37.65	171.7	36.60	166.6	35.10	160.5	33.90	149.6	32.37
	7.0	6	189.1	36.41	178.3	35.36	167.3	34.33	162.5	32.89	156.4	31.81	145.6	30.37
	9.0	7.9	182.3	32.46	171.7	31.53	161.3	30.76	156.4	29.58	150.9	28.53	140.4	27.18
	11.0	9.8	172.4	28.68	162.5	27.88	152.6	27.21	147.9	26.14	142.6	25.22	132.6	24.02
	13.0	11.8	161.9	24.77	152.6	24.08	143.2	23.49	139.0	22.58	133.9	21.78	124.7	20.74
	15.0	13.7	153.0	22.19	144.5	21.57	135.6	21.03	131.5	20.22	126.8	19.49	117.9	18.57

7. Capacity Tables

Heating Capacity (68HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	128.3	60.58	128.3	61.00	127.6	61.84	127.6	63.08	127.6	60.11	125.8	57.32
	-21.8	-22	149.0	61.84	149.3	62.24	148.2	63.08	144.1	60.11	139.8	57.32	130.5	54.63
	-19.8	-20	160.8	62.67	157.6	63.08	149.2	61.00	144.1	58.14	139.8	55.48	130.5	52.84
	-18.8	-19	165.3	63.08	158.5	62.01	149.2	59.95	144.1	57.12	139.8	54.54	130.5	51.94
	-16.7	-17	167.6	60.86	158.7	59.74	149.2	57.77	144.1	55.05	139.8	52.59	130.5	50.05
	-13.7	-15	167.9	57.66	158.7	56.51	149.2	54.64	144.1	52.08	139.8	49.81	130.5	47.36
	-11.8	-13	167.9	55.62	158.7	54.46	149.2	52.66	144.1	50.18	139.8	48.04	130.5	45.65
	-9.8	-11	167.9	53.51	158.7	52.30	149.2	50.56	144.1	48.20	139.8	46.19	130.5	43.85
	-9.5	-10	167.9	53.18	158.7	51.98	149.2	50.26	144.1	47.91	139.8	45.92	130.5	43.58
	-8.5	-9.1	167.9	52.12	158.7	50.90	149.2	49.22	144.1	46.92	139.8	44.98	130.5	42.69
	-7.0	-7.6	167.9	50.52	158.7	49.30	149.2	47.66	144.1	45.44	139.8	43.59	130.5	41.34
	-5.0	-5.6	167.9	48.40	158.7	47.13	149.2	45.56	144.1	43.45	139.8	41.74	130.5	39.56
	-3.0	-3.7	167.9	46.27	158.7	44.98	149.2	43.48	144.1	41.47	139.8	39.87	130.5	37.75
	0.0	-0.7	167.9	43.08	158.7	41.75	149.2	40.35	144.1	38.50	139.8	37.09	130.5	35.06
	3.0	2.2	167.9	39.88	158.7	38.51	149.2	37.22	144.1	35.52	139.8	34.32	130.5	32.35
	5.0	4.1	167.9	34.90	155.4	32.87	146.2	31.74	141.1	30.28	137.1	29.31	127.9	27.61
	7.0	6	168.3	33.31	151.5	30.44	142.5	29.42	137.7	28.10	133.6	27.25	124.7	25.61
	9.0	7.9	162.1	28.70	145.9	26.23	137.3	25.35	132.6	24.19	128.6	23.47	120.0	22.06
	11.0	9.8	153.3	25.33	138.1	23.14	129.9	22.37	125.4	21.36	121.7	20.72	113.5	19.47
	13.0	11.8	143.9	22.07	129.6	20.17	122.0	19.50	117.7	18.60	114.3	18.06	106.7	16.96
	15.0	13.7	136.0	19.52	122.7	17.85	115.3	17.26	111.5	16.46	108.1	15.96	100.9	15.02
60	-24.8	-25	126.5	59.60	126.5	60.44	125.6	61.70	122.4	58.54	119.1	55.57	111.8	52.79
	-21.8	-22	137.0	60.86	136.4	61.70	127.9	58.54	123.7	55.57	119.4	52.79	111.8	50.09
	-19.8	-20	144.1	61.70	136.4	59.47	127.9	56.43	123.7	53.60	119.4	50.92	111.8	48.29
	-18.8	-19	144.1	60.57	136.4	58.36	127.9	55.39	123.7	52.62	119.4	49.99	111.8	47.38
	-16.7	-17	144.1	58.21	136.4	56.00	127.9	53.17	123.7	50.53	119.4	48.05	111.8	45.50
	-13.7	-15	144.1	54.84	136.4	52.67	127.9	50.00	123.7	47.58	119.4	45.26	111.8	42.80
	-11.8	-13	144.1	52.72	136.4	50.54	127.9	48.00	123.7	45.69	119.4	43.49	111.8	41.10
	-9.8	-11	144.1	50.46	136.4	48.32	127.9	45.90	123.7	43.72	119.4	41.64	111.8	39.29
	-9.5	-10	144.1	50.12	136.4	47.99	127.9	45.60	123.7	43.42	119.4	41.35	111.8	39.02
	-8.5	-9.1	144.1	49.00	136.4	46.88	127.9	44.53	123.7	42.45	119.4	40.43	111.8	38.13
	-7.0	-7.6	144.1	47.33	136.4	45.21	127.9	42.96	123.7	40.95	119.4	39.03	111.8	36.79
	-5.0	-5.6	144.1	45.08	136.4	42.98	127.9	40.86	123.7	38.98	119.4	37.17	111.8	34.98
	-3.0	-3.7	144.1	42.84	136.4	40.75	127.9	38.76	123.7	37.01	119.4	35.31	111.8	33.18
	0.0	-0.7	144.1	39.46	136.4	37.39	127.9	35.60	123.7	34.04	119.4	32.53	111.8	30.49
	3.0	2.2	144.1	36.10	136.4	34.06	127.9	32.43	123.7	31.08	119.4	29.73	111.8	27.79
	5.0	4.1	141.1	30.64	133.7	28.80	125.4	27.41	121.1	26.32	116.9	25.20	109.5	23.50
	7.0	6	137.7	28.13	130.3	26.36	122.1	25.13	118.0	24.15	113.9	23.16	106.7	21.53
	9.0	7.9	132.6	23.99	125.5	22.46	117.7	21.41	113.9	20.57	109.8	19.75	102.7	18.36
	11.0	9.8	125.4	21.16	118.6	19.81	111.2	18.89	107.5	18.16	103.9	17.41	97.3	16.20
	13.0	11.8	117.7	18.43	111.5	17.27	104.4	16.45	101.0	15.82	97.6	15.16	91.2	14.12
	15.0	13.7	111.5	16.46	105.4	15.42	99.0	14.56	95.6	14.00	92.2	13.41	86.3	12.60
50	-24.8	-25	120.3	52.67	113.5	53.91	106.7	51.09	103.3	48.44	99.7	45.93	92.9	43.60
	-21.8	-22	120.3	53.91	113.5	51.09	106.7	48.44	103.3	45.93	99.7	43.60	92.9	41.34
	-19.8	-20	120.3	51.94	113.5	49.20	106.7	46.66	103.3	44.25	99.7	42.03	92.9	39.83
	-18.8	-19	120.3	50.96	113.5	48.24	106.7	45.80	103.3	43.42	99.7	41.26	92.9	39.10
	-16.7	-17	120.3	48.89	113.5	46.28	106.7	43.94	103.3	41.65	99.7	39.62	92.9	37.52
	-13.7	-15	120.3	45.93	113.5	43.43	106.7	41.27	103.3	39.14	99.7	37.28	92.9	35.26
	-11.8	-13	120.3	44.05	113.5	41.64	106.7	39.60	103.3	37.56	99.7	35.81	92.9	33.85
	-9.8	-11	120.3	42.08	113.5	39.75	106.7	37.83	103.3	35.88	99.7	34.24	92.9	32.34
	-9.5	-10	120.3	41.78	113.5	39.47	106.7	37.56	103.3	35.64	99.7	34.02	92.9	32.11
	-8.5	-9.1	120.3	40.80	113.5	38.51	106.7	36.69	103.3	34.81	99.7	33.24	92.9	31.36
	-7.0	-7.6	120.3	39.30	113.5	37.11	106.7	35.36	103.3	33.55	99.7	32.07	92.9	30.25
	-5.0	-5.6	120.3	37.33	113.5	35.22	106.7	33.60	103.3	31.88	99.7	30.51	92.9	28.75
	-3.0	-3.7	120.3	35.37	113.5	33.33	106.7	31.82	103.3	30.21	99.7	28.94	92.9	27.24
	0.0	-0.7	120.3	32.41	113.5	30.47	106.7	29.18	103.3	27.70	99.7	26.61	92.9	25.00
	3.0	2.2	120.3	29.44	113.5	27.65	106.7	26.52	103.3	25.19	99.7	24.27	92.9	22.74
	5.0	4.1	117.9	24.85	111.2	23.30	104.4	22.39	101.0	21.27	97.9	20.54	91.1	19.22
	7.0	6	114.9	22.69	108.4	21.25	101.8	20.47	98.6	19.44	95.2	18.84	88.8	17.57
	9.0	7.9	110.5	19.55	104.4	18.30	98.0	17.62	94.9	16.74	91.8	16.23	85.6	15.14
	11.0	9.8	105.1	17.45	99.2	16.33	93.1	15.73	89.7	14.95	86.7	14.48	80.9	13.51
	13.0	11.8	98.2	15.03	92.8	14.08	87.1	13.55	84.3	12.95	81.6	12.48	75.9	11.72
	15.0	13.7	92.9	13.47	87.7	12.61	82.3	12.14	79.9	11.55	77.1	11.18	71.8	10.42

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM700LTE5

Heating Capacity (70HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	140.2	71.49	140.2	71.95	139.2	72.36	139.2	72.97	139.2	73.58	137.0	74.50
	-21.8	-22	168.6	72.43	168.6	72.89	167.5	73.30	167.5	73.91	167.5	74.50	164.8	75.43
	-19.8	-20	177.1	73.04	177.1	73.51	175.8	73.91	175.8	74.54	175.8	75.11	173.0	76.05
	-18.8	-19	180.7	73.34	180.7	73.81	179.6	74.22	179.6	74.83	179.6	75.43	176.6	76.35
	-16.7	-17	188.7	74.01	188.7	74.47	187.5	74.88	187.5	75.49	187.5	76.07	184.4	77.01
	-13.7	-15	200.1	74.94	200.1	75.39	198.9	75.80	198.9	76.41	198.9	77.01	195.6	73.97
	-11.8	-13	206.6	75.52	206.6	75.98	205.3	76.39	205.3	77.01	205.3	74.95	202.5	72.04
	-9.8	-11	213.4	76.13	213.4	76.61	212.2	77.01	212.2	74.81	212.2	72.80	209.6	70.03
	-9.5	-10	214.7	76.25	214.7	76.69	213.4	76.67	213.4	74.48	213.2	72.47	210.7	69.72
	-8.5	-9.1	219.1	76.54	219.1	77.01	217.8	75.53	217.8	73.38	216.5	71.39	214.3	68.70
	-7.0	-7.6	225.7	77.01	225.7	75.33	224.3	73.84	224.3	71.71	224.3	69.77	220.4	67.18
	-5.0	-5.6	234.3	74.82	234.3	73.11	232.8	71.59	232.8	69.53	232.8	67.62	227.6	65.16
	-3.0	-3.7	243.0	72.64	243.0	70.88	241.5	69.32	241.5	67.32	241.5	65.45	235.0	63.13
	0.0	-0.7	255.8	69.37	255.8	67.55	254.4	65.92	254.4	64.03	254.4	62.22	245.8	60.09
	3.0	2.2	269.0	66.10	269.0	64.20	267.2	62.53	267.2	60.71	265.7	58.96	248.9	57.05
	5.0	4.1	272.0	58.09	271.6	56.24	270.0	54.65	268.8	52.98	262.1	51.38	243.9	49.70
	7.0	6	271.7	54.94	271.3	53.17	269.6	51.63	264.6	50.12	255.5	48.63	237.7	47.18
	9.0	7.9	262.8	50.95	262.1	49.30	261.4	47.88	254.8	46.48	246.1	45.10	229.0	43.76
	11.0	9.8	248.5	47.59	247.9	46.07	247.2	44.71	241.1	43.41	232.7	42.12	216.6	40.87
	13.0	11.8	233.4	43.58	232.8	42.16	232.1	40.94	226.4	39.75	218.5	38.57	203.4	37.40
	15.0	13.7	220.8	40.19	220.2	38.88	219.5	37.77	214.2	36.66	206.8	35.58	192.5	34.50
120	-24.8	-25	139.2	71.95	139.2	72.36	138.2	72.97	138.2	73.58	138.2	74.50	136.0	75.16
	-21.8	-22	167.5	72.89	167.5	73.30	166.4	73.91	166.4	74.50	166.4	75.43	163.7	76.07
	-19.8	-20	175.7	73.51	175.7	73.91	174.6	74.54	174.6	75.11	174.6	76.05	171.7	76.69
	-18.8	-19	179.5	73.81	179.5	74.22	178.4	74.83	178.4	75.43	178.4	76.35	175.5	77.01
	-16.7	-17	187.5	74.47	187.5	74.88	186.2	75.49	186.2	76.07	186.2	77.01	183.1	75.05
	-13.7	-15	198.6	75.39	198.6	75.80	197.5	76.41	197.5	77.01	197.5	74.08	194.2	72.27
	-11.8	-13	205.2	75.98	205.2	76.39	203.8	77.01	203.8	74.94	203.8	72.24	201.1	70.49
	-9.8	-11	211.9	76.61	211.9	77.01	210.6	74.73	210.6	72.76	210.6	70.29	208.2	68.63
	-9.5	-10	213.3	76.69	213.3	76.65	212.0	74.39	212.0	72.43	212.0	70.00	209.4	68.36
	-8.5	-9.1	217.5	77.01	217.5	75.42	216.3	73.23	216.3	71.34	216.1	69.04	213.3	67.42
	-7.0	-7.6	224.0	75.20	224.0	73.61	222.6	71.54	222.6	69.71	222.0	67.58	218.7	66.01
	-5.0	-5.6	232.7	72.77	232.7	71.19	231.1	69.24	231.1	67.52	231.1	65.63	226.2	64.15
	-3.0	-3.7	241.3	70.34	241.3	68.78	239.8	66.95	239.8	65.35	239.8	63.69	233.0	62.29
	0.0	-0.7	254.1	66.71	254.1	65.13	252.6	63.53	252.6	62.09	251.4	60.76	233.8	59.51
	3.0	2.2	267.2	63.06	267.2	61.49	264.5	60.11	259.7	58.83	251.6	57.85	233.8	56.71
	5.0	4.1	270.4	55.06	269.0	53.57	263.2	52.35	254.5	51.23	246.7	50.47	229.2	49.48
	7.0	6	270.1	51.81	267.1	50.42	256.6	49.41	248.1	48.47	240.4	48.02	223.3	47.16
	9.0	7.9	260.8	47.94	257.3	46.63	247.2	45.72	239.0	44.84	231.6	44.41	215.0	43.61
	11.0	9.8	246.7	44.65	243.3	43.42	233.8	42.57	226.0	41.75	219.0	41.37	203.4	40.62
	13.0	11.8	231.7	40.73	228.6	39.63	219.5	38.84	212.2	38.11	205.8	37.75	191.0	37.08
	15.0	13.7	219.2	37.42	216.3	36.40	207.6	35.70	200.8	35.02	194.6	34.69	180.7	34.06
110	-24.8	-25	138.4	72.36	138.4	72.97	137.5	73.58	137.5	74.50	137.5	75.16	135.3	75.45
	-21.8	-22	166.6	73.30	166.6	73.91	165.5	74.50	165.5	75.43	165.5	76.07	162.8	76.39
	-19.8	-20	174.7	73.91	174.7	74.54	173.7	75.11	173.7	76.05	173.7	76.69	170.6	77.01
	-18.8	-19	178.5	74.22	178.5	74.83	177.4	75.43	177.4	76.35	177.4	77.01	174.4	75.97
	-16.7	-17	186.4	74.88	186.4	75.49	185.1	76.07	185.1	77.01	185.1	74.90	182.0	73.83
	-13.7	-15	197.6	75.80	197.6	76.41	196.2	77.01	196.2	73.81	196.2	71.89	196.2	70.74
	-11.8	-13	204.0	76.39	204.0	77.01	202.7	74.74	202.7	71.80	202.7	69.98	202.7	68.80
	-9.8	-11	210.8	77.01	210.8	74.47	209.5	72.37	209.5	69.66	209.5	67.98	208.0	66.75
	-9.5	-10	212.0	76.59	212.0	74.06	210.9	72.02	210.9	69.35	210.9	67.68	210.1	66.44
	-8.5	-9.1	216.4	75.22	216.4	72.80	215.0	70.84	215.0	68.26	215.0	66.66	210.4	65.42
	-7.0	-7.6	222.9	73.13	222.9	70.87	221.5	69.04	221.5	66.67	221.5	65.17	210.4	63.89
	-5.0	-5.6	231.4	70.38	231.4	68.32	229.9	66.68	229.9	64.55	225.3	63.16	210.4	61.83
	-3.0	-3.7	239.8	67.63	239.8	65.78	238.3	64.29	233.2	62.41	225.3	61.14	210.4	59.79
	0.0	-0.7	252.7	63.48	252.3	61.95	241.1	60.73	233.2	59.21	225.3	58.14	210.4	56.70
	3.0	2.2	265.1	59.33	256.9	58.11	241.1	57.15	233.2	56.04	225.3	55.12	210.4	53.63
	5.0	4.1	266.4	51.35	251.7	50.34	236.3	49.57	228.6	48.69	220.9	47.93	206.2	46.54
	7.0	6	259.6	47.89	245.4	47.18	230.3	46.64	222.7	46.08	215.2	45.49	201.0	44.08
	9.0	7.9	250.0	44.08	236.3	43.41	221.8	42.92	214.6	42.41	207.2	41.87	193.6	40.57
	11.0	9.8	236.5	40.80	223.6	40.20	209.7	39.75	203.0	39.26	196.0	38.76	183.1	37.56
	13.0	11.8	222.0	37.01	210.0	36.44	197.1	36.02	190.5	35.58	184.1	35.12	171.9	34.06
	15.0	13.7	210.0	33.72	198.5	33.21	186.5	32.84	180.3	32.45	174.3	32.02	162.7	31.03

7. Capacity Tables

Heating Capacity (70HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	137.7	78.57	137.7	78.37	137.0	73.46	137.0	77.84	137.0	77.64	134.6	77.53
	-21.8	-22	165.8	78.27	165.8	78.05	164.8	75.78	164.8	77.54	164.8	78.18	162.0	77.23
	-19.8	-20	174.0	78.05	174.0	77.83	172.9	77.22	172.9	77.32	172.9	77.40	170.0	77.01
	-18.8	-19	177.8	77.94	176.7	77.75	176.7	77.54	176.7	77.21	176.7	77.01	173.7	75.76
	-16.7	-17	184.4	77.73	184.4	77.52	184.4	78.18	183.4	77.01	183.4	74.43	180.3	73.16
	-13.7	-15	196.6	77.41	196.6	77.21	195.5	77.01	195.5	73.27	195.5	70.76	192.2	69.42
	-11.8	-13	202.9	77.23	201.8	77.01	201.8	74.50	201.8	70.89	201.8	68.42	192.2	67.04
	-9.8	-11	209.7	77.01	209.7	74.19	208.8	71.85	208.8	68.41	206.5	65.97	192.2	64.55
	-9.5	-10	210.9	76.56	210.9	73.75	209.9	71.44	209.9	68.03	206.5	65.62	192.2	64.18
	-8.5	-9.1	215.3	75.08	215.3	72.36	214.2	70.13	213.5	66.77	206.5	64.37	192.2	62.94
	-7.0	-7.6	225.3	72.85	224.4	70.22	220.5	68.12	213.5	64.90	206.5	62.54	192.2	61.06
	-5.0	-5.6	235.2	69.88	232.8	67.41	220.5	65.47	213.5	62.41	206.5	60.09	192.2	58.59
	-3.0	-3.7	241.9	66.92	234.5	64.59	220.5	62.84	213.5	59.91	206.5	57.64	192.2	56.10
	0.0	-0.7	248.8	62.48	234.5	60.35	220.5	58.85	213.5	56.17	206.5	53.95	192.2	52.36
	3.0	2.2	248.8	58.02	234.5	56.11	220.5	54.88	213.5	52.43	206.5	50.30	192.2	48.62
	5.0	4.1	243.7	50.01	229.9	48.31	216.0	47.30	209.3	45.15	202.3	43.23	188.4	41.68
	7.0	6	237.6	46.37	224.0	44.91	210.6	44.12	203.7	42.22	197.1	40.40	183.7	38.85
	9.0	7.9	228.8	42.27	215.9	40.93	203.0	40.23	196.4	38.47	190.0	36.82	176.8	35.39
	11.0	9.8	216.3	38.68	204.1	37.46	191.8	36.83	185.8	35.22	179.6	33.70	167.3	32.41
	13.0	11.8	203.3	34.60	191.8	33.52	180.2	32.94	174.3	31.52	168.7	30.14	157.1	28.98
	15.0	13.7	192.2	31.06	181.3	30.07	170.4	29.55	164.9	28.28	159.5	27.05	148.7	26.02
90	-24.8	-25	137.3	70.69	137.3	71.61	136.4	72.27	136.4	72.57	136.4	73.21	134.2	74.13
	-21.8	-22	165.1	71.61	165.1	72.55	164.1	73.21	164.1	73.51	164.1	74.13	161.3	70.87
	-19.8	-20	173.3	72.25	173.3	73.16	172.2	73.82	172.2	74.13	172.2	71.90	169.5	68.72
	-18.8	-19	177.8	72.55	176.7	73.49	176.0	74.13	176.0	72.98	176.0	70.79	173.0	67.63
	-16.7	-17	184.4	73.21	184.4	74.13	183.6	71.74	183.6	70.56	183.6	68.46	175.7	65.35
	-13.7	-15	196.6	74.13	196.6	70.58	194.8	68.35	194.8	67.14	189.3	65.12	175.7	62.11
	-11.8	-13	202.9	71.69	201.8	68.33	201.1	66.19	195.6	64.95	189.3	63.00	175.7	60.05
	-9.8	-11	209.7	69.14	209.7	65.98	201.7	63.94	195.6	62.65	189.3	60.78	175.7	57.88
	-9.5	-10	210.9	68.74	210.9	65.62	201.7	63.59	195.6	62.30	189.3	60.45	175.7	57.56
	-8.5	-9.1	215.3	67.47	213.6	64.46	201.7	62.46	195.6	61.16	189.3	59.34	175.7	56.47
	-7.0	-7.6	225.3	65.54	214.2	62.68	201.7	60.76	195.6	59.44	189.3	57.66	175.7	54.84
	-5.0	-5.6	227.8	62.97	214.2	60.32	201.7	58.50	195.6	57.15	189.3	55.43	175.7	52.69
	-3.0	-3.7	227.8	60.42	214.2	57.95	201.7	56.23	195.6	54.84	189.3	53.20	175.7	50.51
	0.0	-0.7	227.8	56.57	214.2	54.40	201.7	52.83	195.6	51.40	189.3	49.88	175.7	47.26
	3.0	2.2	227.8	52.74	214.2	50.87	201.7	49.44	195.6	47.97	189.3	46.54	175.7	44.02
	5.0	4.1	223.3	45.44	210.0	43.86	197.7	42.60	191.5	41.26	185.5	39.99	172.2	37.75
	7.0	6	217.4	42.36	204.7	41.07	192.5	39.96	186.6	38.61	180.7	37.46	168.0	35.31
	9.0	7.9	209.6	38.63	197.1	37.43	185.5	36.42	179.8	35.19	174.0	34.13	161.7	32.19
	11.0	9.8	198.2	35.01	186.5	33.92	175.4	33.01	170.1	31.89	164.5	30.94	152.9	29.17
	13.0	11.8	186.1	30.67	175.0	29.73	164.9	28.95	159.7	27.94	154.6	27.12	143.5	25.57
	15.0	13.7	176.1	27.23	165.6	26.40	156.0	25.69	151.2	24.81	146.3	24.07	135.8	22.70
80	-24.8	-25	136.6	62.28	136.6	63.22	135.9	63.88	135.9	64.18	135.9	65.74	133.5	62.88
	-21.8	-22	163.4	63.22	163.4	64.16	163.4	64.80	163.4	65.74	163.4	62.88	157.1	60.14
	-19.8	-20	171.5	63.84	171.5	64.77	171.5	65.74	171.5	63.70	168.5	60.96	157.1	58.30
	-18.8	-19	175.3	64.16	175.3	65.74	175.3	64.70	174.4	62.70	168.7	60.02	157.1	57.40
	-16.7	-17	180.5	65.74	180.5	63.58	180.5	62.55	175.0	60.59	168.7	58.02	157.1	55.48
	-13.7	-15	188.6	62.56	185.1	60.52	180.5	59.46	175.0	57.54	168.7	55.16	157.1	52.74
	-11.8	-13	193.9	60.53	188.2	58.57	180.5	57.51	175.0	55.63	168.7	53.34	157.1	50.99
	-9.8	-11	199.1	58.40	190.6	56.54	180.5	55.46	175.0	53.60	168.7	51.44	157.1	49.17
	-9.5	-10	200.4	58.08	191.6	56.22	180.5	55.14	175.0	53.31	168.7	51.15	157.1	48.89
	-8.5	-9.1	202.2	57.03	192.2	55.21	180.5	54.13	175.0	52.28	168.7	50.19	157.1	47.99
	-7.0	-7.6	204.0	55.43	192.2	53.67	180.5	52.58	175.0	50.77	168.7	48.77	157.1	46.61
	-5.0	-5.6	204.0	53.30	192.2	51.64	180.5	50.54	175.0	48.75	168.7	46.84	157.1	44.79
	-3.0	-3.7	204.0	51.17	192.2	49.59	180.5	48.48	175.0	46.73	168.7	44.95	157.1	42.94
	0.0	-0.7	204.0	47.98	192.2	46.53	180.5	45.40	175.0	43.70	168.7	42.08	157.1	40.20
	3.0	2.2	204.0	44.80	192.2	43.46	180.5	42.31	175.0	40.66	168.7	39.22	157.1	37.48
	5.0	4.1	199.9	38.58	188.3	37.42	176.8	36.37	171.5	34.88	165.2	33.68	154.0	32.16
	7.0	6	194.7	36.08	183.5	35.04	172.2	34.02	167.3	32.60	161.0	31.52	149.9	30.10
	9.0	7.9	187.6	31.96	176.8	31.05	166.0	30.29	161.0	29.14	155.3	28.10	144.5	26.77
	11.0	9.8	177.4	28.05	167.3	27.27	157.1	26.62	152.3	25.58	146.8	24.68	136.5	23.50
	13.0	11.8	166.6	24.04	157.1	23.37	147.4	22.80	143.1	21.92	137.9	21.15	128.4	20.14
	15.0	13.7	157.5	21.33	148.7	20.74	139.6	20.23	135.4	19.44	130.5	18.74	121.4	17.85

7. Capacity Tables

Heating Capacity (70HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	136.6	62.18	136.6	62.49	135.9	63.12	135.9	64.04	135.9	60.96	132.5	58.06
	-21.8	-22	154.7	63.12	154.7	63.41	153.6	64.04	148.4	60.96	143.9	58.06	134.3	55.27
	-19.8	-20	166.6	63.74	163.4	64.04	153.6	61.87	148.4	58.90	143.9	56.14	134.3	53.42
	-18.8	-19	171.4	64.04	163.4	62.92	153.6	60.77	148.4	57.85	143.9	55.17	134.3	52.49
	-16.7	-17	172.9	61.71	163.4	60.55	153.6	58.50	148.4	55.69	143.9	53.15	134.3	50.53
	-13.7	-15	172.9	58.37	163.4	57.18	153.6	55.24	148.4	52.60	143.9	50.26	134.3	47.75
	-11.8	-13	172.9	56.23	163.4	55.04	153.6	53.18	148.4	50.63	143.9	48.42	134.3	45.98
	-9.8	-11	172.9	54.03	163.4	52.79	153.6	51.00	148.4	48.58	143.9	46.51	134.3	44.12
	-9.5	-10	172.9	53.67	163.4	52.45	153.6	50.68	148.4	48.27	143.9	46.23	134.3	43.84
	-8.5	-9.1	172.9	52.57	163.4	51.33	153.6	49.60	148.4	47.24	143.9	45.25	134.3	42.92
	-7.0	-7.6	172.9	50.90	163.4	49.65	153.6	47.97	148.4	45.71	143.9	43.81	134.3	41.52
	-5.0	-5.6	172.9	48.68	163.4	47.39	153.6	45.79	148.4	43.63	143.9	41.88	134.3	39.67
	-3.0	-3.7	172.9	46.45	163.4	45.14	153.6	43.62	148.4	41.57	143.9	39.95	134.3	37.81
	0.0	-0.7	172.9	43.10	163.4	41.77	153.6	40.36	148.4	38.49	143.9	37.06	134.3	35.02
	3.0	2.2	172.9	39.76	163.4	38.39	153.6	37.10	148.4	35.39	143.9	34.19	134.3	32.22
	5.0	4.1	172.9	34.70	159.9	32.68	150.5	31.57	145.3	30.10	141.1	29.13	131.6	27.44
	7.0	6	173.2	33.01	156.0	30.16	146.7	29.16	141.7	27.84	137.6	27.00	128.4	25.38
	9.0	7.9	166.9	28.28	150.2	25.84	141.3	24.98	136.5	23.84	132.4	23.13	123.6	21.74
	11.0	9.8	157.8	24.79	142.1	22.65	133.7	21.90	129.1	20.91	125.3	20.28	116.8	19.05
	13.0	11.8	148.1	21.43	133.4	19.59	125.6	18.93	121.2	18.07	117.6	17.54	109.8	16.47
	15.0	13.7	140.0	18.78	126.3	17.17	118.7	16.60	114.8	15.83	111.3	15.36	103.9	14.45
60	-24.8	-25	132.6	61.41	132.6	62.04	131.7	62.98	127.3	59.67	122.9	56.57	115.1	53.68
	-21.8	-22	142.0	62.35	140.4	62.98	131.7	59.67	127.3	56.57	122.9	53.68	115.1	50.87
	-19.8	-20	148.4	62.98	140.4	60.64	131.7	57.47	127.3	54.51	122.9	51.73	115.1	49.00
	-18.8	-19	148.4	61.80	140.4	59.48	131.7	56.38	127.3	53.49	122.9	50.76	115.1	48.06
	-16.7	-17	148.4	59.31	140.4	57.01	131.7	54.06	127.3	51.32	122.9	48.74	115.1	46.11
	-13.7	-15	148.4	55.77	140.4	53.51	131.7	50.75	127.3	48.24	122.9	45.83	115.1	43.30
	-11.8	-13	148.4	53.53	140.4	51.29	131.7	48.65	127.3	46.26	122.9	43.99	115.1	41.54
	-9.8	-11	148.4	51.16	140.4	48.95	131.7	46.46	127.3	44.21	122.9	42.06	115.1	39.66
	-9.5	-10	148.4	50.80	140.4	48.61	131.7	46.14	127.3	43.89	122.9	41.76	115.1	39.38
	-8.5	-9.1	148.4	49.62	140.4	47.45	131.7	45.03	127.3	42.88	122.9	40.80	115.1	38.45
	-7.0	-7.6	148.4	47.86	140.4	45.70	131.7	43.38	127.3	41.32	122.9	39.34	115.1	37.06
	-5.0	-5.6	148.4	45.49	140.4	43.36	131.7	41.19	127.3	39.26	122.9	37.41	115.1	35.18
	-3.0	-3.7	148.4	43.14	140.4	41.02	131.7	38.99	127.3	37.20	122.9	35.46	115.1	33.31
	0.0	-0.7	148.4	39.58	140.4	37.50	131.7	35.68	127.3	34.10	122.9	32.57	115.1	30.52
	3.0	2.2	148.4	36.05	140.4	34.01	131.7	32.37	127.3	31.01	122.9	29.65	115.1	27.71
	5.0	4.1	145.3	30.50	137.6	28.67	129.1	27.28	124.7	26.18	120.4	25.07	112.7	23.38
	7.0	6	141.7	27.87	134.1	26.12	125.7	24.90	121.5	23.93	117.3	22.95	109.8	21.34
	9.0	7.9	136.5	23.64	129.2	22.13	121.2	21.10	117.2	20.27	113.1	19.46	105.7	18.09
	11.0	9.8	129.1	20.71	122.1	19.39	114.5	18.49	110.7	17.77	107.0	17.05	100.1	15.86
	13.0	11.8	121.2	17.90	114.8	16.77	107.5	15.98	103.9	15.37	100.4	14.72	93.9	13.71
	15.0	13.7	114.8	15.83	108.5	14.84	101.9	14.00	98.4	13.46	94.9	12.90	88.9	12.13
50	-24.8	-25	123.8	53.64	116.8	54.56	109.8	51.66	106.3	48.93	102.6	46.36	95.6	43.97
	-21.8	-22	123.8	54.56	116.8	51.66	109.8	48.93	106.3	46.36	102.6	43.97	95.6	41.66
	-19.8	-20	123.8	52.53	116.8	49.71	109.8	47.11	106.3	44.63	102.6	42.36	95.6	40.11
	-18.8	-19	123.8	51.51	116.8	48.72	109.8	46.22	106.3	43.79	102.6	41.58	95.6	39.37
	-16.7	-17	123.8	49.38	116.8	46.71	109.8	44.31	106.3	41.97	102.6	39.89	95.6	37.75
	-13.7	-15	123.8	46.33	116.8	43.77	109.8	41.57	106.3	39.40	102.6	37.49	95.6	35.44
	-11.8	-13	123.8	44.39	116.8	41.93	109.8	39.85	106.3	37.77	102.6	35.98	95.6	34.00
	-9.8	-11	123.8	42.36	116.8	39.99	109.8	38.03	106.3	36.05	102.6	34.37	95.6	32.45
	-9.5	-10	123.8	42.05	116.8	39.71	109.8	37.75	106.3	35.80	102.6	34.15	95.6	32.22
	-8.5	-9.1	123.8	41.04	116.8	38.72	109.8	36.86	106.3	34.95	102.6	33.35	95.6	31.45
	-7.0	-7.6	123.8	39.50	116.8	37.27	109.8	35.49	106.3	33.65	102.6	32.15	95.6	30.31
	-5.0	-5.6	123.8	37.47	116.8	35.33	109.8	33.69	106.3	31.95	102.6	30.56	95.6	28.78
	-3.0	-3.7	123.8	35.44	116.8	33.38	109.8	31.85	106.3	30.23	102.6	28.95	95.6	27.23
	0.0	-0.7	123.8	32.40	116.8	30.45	109.8	29.14	106.3	27.66	102.6	26.55	95.6	24.94
	3.0	2.2	123.8	29.33	116.8	27.55	109.8	26.41	106.3	25.08	102.6	24.16	95.6	22.63
	5.0	4.1	121.4	24.71	114.4	23.16	107.5	22.25	104.0	21.13	100.8	20.41	93.8	19.09
	7.0	6	118.3	22.49	111.6	21.06	104.7	20.28	101.5	19.27	98.0	18.67	91.4	17.41
	9.0	7.9	113.8	19.26	107.4	18.03	100.9	17.36	97.7	16.50	94.5	16.00	88.1	14.92
	11.0	9.8	108.2	17.08	102.2	15.99	95.9	15.40	92.4	14.63	89.3	14.18	83.3	13.22
	13.0	11.8	101.1	14.59	95.5	13.67	89.7	13.16	86.8	12.57	84.0	12.12	78.1	11.38
	15.0	13.7	95.6	12.96	90.3	12.13	84.7	11.68	82.2	11.11	79.4	10.75	73.9	10.02

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM720LTE5

Heating Capacity (72HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	142.4	75.09	142.4	75.51	141.4	75.88	141.4	76.43	141.4	76.98	139.2	77.80
	-21.8	-22	172.4	75.94	172.4	76.36	171.3	76.73	171.3	77.28	171.3	77.80	168.5	78.64
	-19.8	-20	181.7	76.49	181.7	76.92	180.3	77.28	180.3	77.84	180.3	78.35	177.5	79.20
	-18.8	-19	185.4	76.76	185.4	77.18	184.3	77.55	184.3	78.10	184.3	78.64	181.2	79.46
	-16.7	-17	193.8	77.36	193.8	77.78	192.7	78.15	192.7	78.70	192.7	79.21	189.5	80.06
	-13.7	-15	205.8	78.21	205.8	78.60	204.7	78.97	204.7	79.52	204.7	80.06	201.2	77.01
	-11.8	-13	212.6	78.72	212.6	79.14	211.2	79.51	211.2	80.06	211.2	78.00	208.5	75.07
	-9.8	-11	219.5	79.27	219.5	79.70	218.3	80.06	218.3	77.87	218.3	75.85	215.9	73.05
	-9.5	-10	220.9	79.38	220.9	79.77	219.5	79.72	219.5	77.55	219.4	75.51	217.0	72.74
	-8.5	-9.1	225.4	79.64	225.4	80.06	224.0	78.59	224.0	76.44	222.7	74.43	220.9	71.71
	-7.0	-7.6	232.2	80.06	232.2	78.41	230.7	76.92	230.7	74.78	230.7	72.82	227.2	70.19
	-5.0	-5.6	240.9	77.92	240.9	76.22	239.4	74.69	239.4	72.61	239.4	70.67	234.8	68.16
	-3.0	-3.7	249.9	75.80	249.9	74.02	248.4	72.44	248.4	70.41	248.4	68.49	242.5	66.11
	0.0	-0.7	263.0	72.61	263.0	70.75	261.6	69.06	261.6	67.13	261.6	65.26	253.9	63.06
	3.0	2.2	276.5	69.42	276.5	67.45	274.7	65.71	274.7	63.82	273.2	62.00	256.0	60.01
	5.0	4.1	279.6	61.14	279.2	59.20	277.5	57.54	276.3	55.78	269.6	54.12	250.9	52.36
	7.0	6	279.3	57.99	278.9	56.11	277.2	54.50	272.2	52.90	262.8	51.33	244.5	49.80
	9.0	7.9	270.3	53.92	269.6	52.18	268.9	50.68	262.1	49.19	253.1	47.74	235.5	46.32
	11.0	9.8	255.6	50.54	254.9	48.92	254.2	47.47	248.0	46.09	239.4	44.72	222.8	43.40
	13.0	11.8	240.1	46.44	239.4	44.93	238.7	43.63	232.9	42.36	224.7	41.10	209.2	39.86
	15.0	13.7	227.1	43.01	226.5	41.61	225.7	40.42	220.3	39.23	212.7	38.08	198.0	36.92
120	-24.8	-25	141.4	75.51	141.4	75.88	140.3	76.43	140.3	76.98	140.3	77.80	138.1	78.40
	-21.8	-22	171.3	76.36	171.3	76.73	170.2	77.28	170.2	77.80	170.2	78.64	167.4	79.21
	-19.8	-20	180.3	76.92	180.3	77.28	179.2	77.84	179.2	78.35	179.2	79.20	176.1	79.77
	-18.8	-19	184.3	77.18	184.3	77.55	183.2	78.10	183.2	78.64	183.2	79.46	180.1	80.06
	-16.7	-17	192.7	77.78	192.7	78.15	191.3	78.70	191.3	79.21	191.3	80.06	188.1	78.09
	-13.7	-15	204.3	78.60	204.3	78.97	203.2	79.52	203.2	80.06	203.2	77.12	199.8	75.30
	-11.8	-13	211.1	79.14	211.1	79.51	209.7	80.06	209.7	77.99	209.7	75.28	207.0	73.51
	-9.8	-11	218.0	79.70	218.0	80.06	216.6	77.79	216.6	75.81	216.6	73.33	214.5	71.64
	-9.5	-10	219.5	79.77	219.5	79.71	218.1	77.45	218.1	75.47	218.1	73.03	215.7	71.37
	-8.5	-9.1	223.7	80.06	223.7	78.48	222.5	76.29	222.5	74.39	222.5	72.07	219.8	70.42
	-7.0	-7.6	230.4	78.27	230.4	76.67	229.0	74.60	229.0	72.75	228.8	70.61	225.4	69.01
	-5.0	-5.6	239.4	75.86	239.4	74.27	237.6	72.30	237.6	70.56	237.6	68.66	233.4	67.14
	-3.0	-3.7	248.1	73.45	248.1	71.87	246.6	70.02	246.6	68.38	246.6	66.71	240.5	65.27
	0.0	-0.7	261.2	69.86	261.2	68.24	259.7	66.60	259.7	65.12	258.5	63.77	240.5	62.48
	3.0	2.2	274.7	66.24	274.7	64.61	272.0	63.18	267.1	61.86	258.8	60.86	240.5	59.67
	5.0	4.1	278.0	57.95	276.5	56.40	270.7	55.13	261.7	53.95	253.8	53.17	235.8	52.13
	7.0	6	277.7	54.68	274.7	53.22	263.9	52.15	255.2	51.16	247.3	50.69	229.7	49.77
	9.0	7.9	268.2	50.73	264.6	49.35	254.2	48.39	245.9	47.46	238.3	47.00	221.1	46.15
	11.0	9.8	253.8	47.39	250.2	46.08	240.5	45.19	232.5	44.31	225.3	43.92	209.2	43.11
	13.0	11.8	238.3	43.38	235.1	42.21	225.7	41.37	218.2	40.59	211.7	40.21	196.5	39.50
	15.0	13.7	225.4	40.01	222.5	38.92	213.5	38.18	206.6	37.45	200.2	37.10	185.8	36.43
110	-24.8	-25	140.6	75.88	140.6	76.43	139.6	76.98	139.6	77.80	139.6	78.40	137.4	78.66
	-21.8	-22	170.3	76.73	170.3	77.28	169.2	77.80	169.2	78.64	169.2	79.21	166.4	79.51
	-19.8	-20	179.2	77.28	179.2	77.84	178.2	78.35	178.2	79.20	178.2	79.77	175.0	80.06
	-18.8	-19	183.2	77.55	183.2	78.10	182.1	78.64	182.1	79.46	182.1	80.06	179.0	79.01
	-16.7	-17	191.6	78.15	191.6	78.70	190.2	79.21	190.2	80.06	190.2	77.94	187.0	76.85
	-13.7	-15	203.3	78.97	203.3	79.52	201.8	80.06	201.8	76.84	201.8	74.90	201.8	73.72
	-11.8	-13	209.8	79.51	209.8	80.06	208.6	77.78	208.6	74.82	208.6	72.97	208.6	71.76
	-9.8	-11	216.9	80.06	216.9	77.51	215.5	75.39	215.5	72.66	215.5	70.96	214.3	69.68
	-9.5	-10	218.1	79.64	218.1	77.09	217.0	75.04	217.0	72.35	217.0	70.66	216.1	69.37
	-8.5	-9.1	222.6	78.27	222.6	75.83	221.1	73.86	221.1	71.25	221.1	69.63	216.4	68.35
	-7.0	-7.6	229.3	76.17	229.3	73.89	227.9	72.04	227.9	69.65	227.9	68.12	216.4	66.80
	-5.0	-5.6	238.0	73.41	238.0	71.33	236.5	69.67	236.5	67.52	231.8	66.10	216.4	64.72
	-3.0	-3.7	246.6	70.66	246.6	68.78	245.0	67.27	239.8	65.36	231.8	64.06	216.4	62.65
	0.0	-0.7	259.8	66.49	259.4	64.93	248.0	63.69	239.8	62.13	231.8	61.03	216.4	59.52
	3.0	2.2	272.5	62.33	264.2	61.07	248.0	60.08	239.8	58.94	231.8	57.99	216.4	56.42
	5.0	4.1	274.0	54.05	258.9	53.00	243.0	52.20	235.1	51.29	227.2	50.49	212.1	49.03
	7.0	6	267.1	50.55	252.4	49.80	236.9	49.23	229.0	48.63	221.4	48.02	206.7	46.52
	9.0	7.9	257.1	46.65	243.0	45.94	228.2	45.41	220.7	44.88	213.1	44.31	199.1	42.93
	11.0	9.8	243.3	43.30	230.0	42.66	215.7	42.19	208.8	41.67	201.6	41.14	188.3	39.86
	13.0	11.8	228.3	39.41	216.0	38.81	202.7	38.35	195.9	37.89	189.4	37.40	176.8	36.27
	15.0	13.7	216.0	36.05	204.1	35.50	191.9	35.11	185.4	34.69	179.3	34.23	167.4	33.18

7. Capacity Tables

Heating Capacity (72HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	139.9	83.39	139.9	82.96	139.2	76.98	139.2	81.85	139.2	81.40	136.7	81.17
	-21.8	-22	169.5	82.74	169.5	82.28	168.5	79.40	168.5	81.20	168.5	81.77	165.6	80.52
	-19.8	-20	178.5	82.28	178.5	81.82	177.4	80.90	177.4	80.74	177.4	80.63	174.3	80.06
	-18.8	-19	182.5	82.05	181.4	81.63	181.4	81.20	181.4	80.51	181.4	80.06	178.3	78.79
	-16.7	-17	189.5	81.60	189.5	81.15	189.5	81.77	188.4	80.06	188.4	77.44	185.2	76.14
	-13.7	-15	202.2	80.92	202.2	80.49	201.1	80.06	201.1	76.27	201.1	73.70	197.7	72.33
	-11.8	-13	208.7	80.52	207.6	80.06	207.6	77.53	207.6	73.86	207.6	71.33	197.7	69.90
	-9.8	-11	215.8	80.06	215.8	77.22	214.8	74.85	214.8	71.34	212.4	68.83	197.7	67.36
	-9.5	-10	217.0	79.61	217.0	76.77	215.9	74.43	215.9	70.96	212.4	68.48	197.7	66.99
	-8.5	-9.1	221.5	78.12	221.5	75.37	220.4	73.11	219.6	69.68	212.4	67.21	197.7	65.72
	-7.0	-7.6	231.8	75.88	230.8	73.21	226.8	71.07	219.6	67.77	212.4	65.34	197.7	63.81
	-5.0	-5.6	241.9	72.88	239.4	70.37	226.8	68.39	219.6	65.25	212.4	62.86	197.7	61.30
	-3.0	-3.7	248.8	69.91	241.2	67.53	226.8	65.74	219.6	62.72	212.4	60.36	197.7	58.76
	0.0	-0.7	255.9	65.43	241.2	63.25	226.8	61.70	219.6	58.93	212.4	56.61	197.7	54.95
	3.0	2.2	255.9	60.94	241.2	58.97	226.8	57.69	219.6	55.13	212.4	52.90	197.7	51.14
	5.0	4.1	250.6	52.63	236.5	50.86	222.1	49.81	215.3	47.55	208.1	45.54	193.7	43.90
	7.0	6	244.4	48.94	230.4	47.41	216.7	46.56	209.5	44.56	202.7	42.64	189.0	41.00
	9.0	7.9	235.4	44.90	222.1	43.48	208.8	42.73	202.0	40.86	195.5	39.11	181.8	37.59
	11.0	9.8	222.5	41.39	209.9	40.08	197.3	39.41	191.1	37.68	184.7	36.06	172.1	34.68
	13.0	11.8	209.1	37.35	197.3	36.19	185.4	35.56	179.3	34.02	173.5	32.54	161.6	31.28
	15.0	13.7	197.7	33.88	186.5	32.80	175.3	32.24	169.6	30.85	164.1	29.50	153.0	28.38
90	-24.8	-25	139.5	74.44	139.5	75.26	138.5	75.86	138.5	76.12	138.5	76.71	136.3	77.53
	-21.8	-22	168.8	75.26	168.8	76.11	167.8	76.71	167.8	76.97	167.8	77.53	164.9	74.16
	-19.8	-20	177.8	75.85	177.8	76.66	176.7	77.26	176.7	77.53	176.7	75.23	173.9	71.94
	-18.8	-19	182.5	76.11	181.4	76.96	180.7	77.53	180.7	76.34	180.7	74.08	177.6	70.80
	-16.7	-17	189.5	76.71	189.5	77.53	188.7	75.07	188.7	73.85	188.7	71.67	180.7	68.44
	-13.7	-15	202.2	77.53	202.2	73.87	200.4	71.57	200.4	70.32	194.7	68.22	180.7	65.10
	-11.8	-13	208.7	75.02	207.6	71.56	206.9	69.34	201.2	68.06	194.7	66.03	180.7	62.96
	-9.8	-11	215.8	72.40	215.8	69.14	207.4	67.03	201.2	65.68	194.7	63.74	180.7	60.71
	-9.5	-10	217.0	71.99	217.0	68.76	207.4	66.66	201.2	65.31	194.7	63.40	180.7	60.38
	-8.5	-9.1	221.5	70.68	219.7	67.57	207.4	65.50	201.2	64.15	194.7	62.25	180.7	59.26
	-7.0	-7.6	231.8	68.70	220.3	65.74	207.4	63.75	201.2	62.37	194.7	60.51	180.7	57.57
	-5.0	-5.6	234.3	66.05	220.3	63.31	207.4	61.41	201.2	60.00	194.7	58.21	180.7	55.35
	-3.0	-3.7	234.3	63.43	220.3	60.86	207.4	59.07	201.2	57.62	194.7	55.91	180.7	53.09
	0.0	-0.7	234.3	59.47	220.3	57.20	207.4	55.57	201.2	54.06	194.7	52.47	180.7	49.73
	3.0	2.2	234.3	55.53	220.3	53.58	207.4	52.07	201.2	50.53	194.7	49.02	180.7	46.37
	5.0	4.1	229.7	47.89	216.0	46.24	203.4	44.91	196.9	43.49	190.8	42.16	177.1	39.80
	7.0	6	223.6	44.71	210.6	43.35	198.0	42.18	191.9	40.75	185.8	39.54	172.8	37.26
	9.0	7.9	215.6	41.03	202.7	39.76	190.8	38.69	185.0	37.38	178.9	36.25	166.3	34.19
	11.0	9.8	203.8	37.47	191.9	36.30	180.4	35.32	175.0	34.12	169.2	33.10	157.3	31.22
	13.0	11.8	191.5	33.11	180.0	32.09	169.6	31.25	164.2	30.16	159.1	29.28	147.6	27.60
	15.0	13.7	181.1	29.70	170.3	28.80	160.5	28.03	155.5	27.06	150.5	26.26	139.7	24.76
80	-24.8	-25	138.8	65.64	138.8	66.49	138.1	67.09	138.1	67.35	138.1	68.76	135.6	65.80
	-21.8	-22	167.0	66.49	167.0	67.34	167.0	67.91	167.0	68.76	167.0	65.80	161.6	62.96
	-19.8	-20	176.0	67.05	176.0	67.89	176.0	68.76	176.0	66.65	173.3	63.81	161.6	61.05
	-18.8	-19	180.0	67.34	180.0	68.76	180.0	67.68	179.4	65.61	173.5	62.84	161.6	60.12
	-16.7	-17	185.7	68.76	185.7	66.53	185.7	65.46	180.0	63.43	173.5	60.77	161.6	58.13
	-13.7	-15	194.0	65.48	190.4	63.37	185.7	62.27	180.0	60.28	173.5	57.81	161.6	55.29
	-11.8	-13	199.1	63.39	193.3	61.36	185.7	60.26	180.0	58.31	173.5	55.93	161.6	53.48
	-9.8	-11	204.5	61.19	195.9	59.27	185.7	58.14	180.0	56.21	173.5	53.97	161.6	51.60
	-9.5	-10	205.9	60.86	196.9	58.94	185.7	57.81	180.0	55.91	173.5	53.67	161.6	51.30
	-8.5	-9.1	207.8	59.78	197.7	57.90	185.7	56.77	180.0	54.84	173.5	52.67	161.6	50.38
	-7.0	-7.6	209.9	58.14	197.7	56.30	185.7	55.17	180.0	53.28	173.5	51.20	161.6	48.94
	-5.0	-5.6	209.9	55.94	197.7	54.22	185.7	53.06	180.0	51.20	173.5	49.20	161.6	47.06
	-3.0	-3.7	209.9	53.74	197.7	52.10	185.7	50.94	180.0	49.10	173.5	47.24	161.6	45.14
	0.0	-0.7	209.9	50.46	197.7	48.94	185.7	47.75	180.0	45.98	173.5	44.28	161.6	42.30
	3.0	2.2	209.9	47.18	197.7	45.77	185.7	44.56	180.0	42.83	173.5	41.32	161.6	39.49
	5.0	4.1	205.6	40.67	193.7	39.45	181.8	38.34	176.4	36.77	169.9	35.51	158.4	33.91
	7.0	6	200.2	38.08	188.7	36.98	177.1	35.91	172.1	34.41	165.6	33.27	154.1	31.77
	9.0	7.9	193.0	34.00	181.8	33.02	170.7	32.21	165.6	30.98	159.8	29.88	148.7	28.46
	11.0	9.8	182.5	30.06	172.1	29.22	161.6	28.52	156.6	27.40	150.9	26.44	140.4	25.17
	13.0	11.8	171.4	25.99	161.6	25.26	151.6	24.64	147.2	23.69	141.8	22.85	132.1	21.76
	15.0	13.7	162.0	23.30	153.0	22.65	143.6	22.09	139.3	21.23	134.3	20.46	124.9	19.49

7. Capacity Tables

Heating Capacity (72HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	138.8	65.31	138.8	65.60	138.1	66.16	138.1	66.98	138.1	63.79	135.5	60.78
	-21.8	-22	159.1	66.16	159.1	66.42	158.0	66.98	152.6	63.79	148.0	60.78	138.2	57.89
	-19.8	-20	172.6	66.72	168.1	66.98	158.0	64.74	152.6	61.66	148.0	58.80	138.2	55.96
	-18.8	-19	177.6	66.98	168.1	65.83	158.0	63.60	152.6	60.56	148.0	57.78	138.2	55.00
	-16.7	-17	177.8	64.58	168.1	63.37	158.0	61.25	152.6	58.33	148.0	55.69	138.2	52.96
	-13.7	-15	177.8	61.12	168.1	59.88	158.0	57.87	152.6	55.13	148.0	52.69	138.2	50.07
	-11.8	-13	177.8	58.91	168.1	57.67	158.0	55.74	152.6	53.08	148.0	50.78	138.2	48.24
	-9.8	-11	177.8	56.63	168.1	55.33	158.0	53.47	152.6	50.95	148.0	48.80	138.2	46.30
	-9.5	-10	177.8	56.26	168.1	54.99	158.0	53.14	152.6	50.63	148.0	48.51	138.2	46.01
	-8.5	-9.1	177.8	55.12	168.1	53.82	158.0	52.03	152.6	49.56	148.0	47.49	138.2	45.06
	-7.0	-7.6	177.8	53.39	168.1	52.09	158.0	50.34	152.6	47.98	148.0	45.99	138.2	43.60
	-5.0	-5.6	177.8	51.10	168.1	49.74	158.0	48.07	152.6	45.82	148.0	44.00	138.2	41.69
	-3.0	-3.7	177.8	48.79	168.1	47.42	158.0	45.83	152.6	43.69	148.0	41.99	138.2	39.75
	0.0	-0.7	177.8	45.33	168.1	43.93	158.0	42.45	152.6	40.50	148.0	38.99	138.2	36.86
	3.0	2.2	177.8	41.87	168.1	40.43	158.0	39.07	152.6	37.28	148.0	36.02	138.2	33.94
	5.0	4.1	177.8	36.58	164.5	34.45	154.8	33.27	149.4	31.73	145.1	30.72	135.4	28.94
	7.0	6	178.2	34.84	160.5	31.84	150.9	30.78	145.8	29.39	141.5	28.50	132.1	26.79
	9.0	7.9	171.7	30.04	154.5	27.45	145.4	26.53	140.4	25.32	136.1	24.57	127.1	23.09
	11.0	9.8	162.3	26.53	146.2	24.24	137.5	23.43	132.8	22.37	128.9	21.70	120.2	20.39
	13.0	11.8	152.3	23.14	137.2	21.15	129.2	20.44	124.6	19.50	121.0	18.94	113.0	17.78
	15.0	13.7	144.0	20.48	129.9	18.73	122.1	18.11	118.1	17.27	114.5	16.75	106.9	15.77
60	-24.8	-25	136.4	64.54	136.4	65.10	135.4	65.95	131.0	62.51	126.4	59.28	118.4	56.27
	-21.8	-22	146.1	65.39	144.4	65.95	135.4	62.51	131.0	59.28	126.4	56.27	118.4	53.34
	-19.8	-20	152.6	65.95	144.4	63.52	135.4	60.22	131.0	57.14	126.4	54.24	118.4	51.39
	-18.8	-19	152.6	64.72	144.4	62.32	135.4	59.09	131.0	56.08	126.4	53.23	118.4	50.41
	-16.7	-17	152.6	62.14	144.4	59.74	135.4	56.67	131.0	53.81	126.4	51.13	118.4	48.38
	-13.7	-15	152.6	58.46	144.4	56.11	135.4	53.22	131.0	50.61	126.4	48.09	118.4	45.45
	-11.8	-13	152.6	56.14	144.4	53.79	135.4	51.04	131.0	48.55	126.4	46.17	118.4	43.61
	-9.8	-11	152.6	53.67	144.4	51.36	135.4	48.76	131.0	46.41	126.4	44.17	118.4	41.65
	-9.5	-10	152.6	53.30	144.4	51.00	135.4	48.43	131.0	46.08	126.4	43.85	118.4	41.36
	-8.5	-9.1	152.6	52.07	144.4	49.80	135.4	47.27	131.0	45.03	126.4	42.86	118.4	40.39
	-7.0	-7.6	152.6	50.25	144.4	47.98	135.4	45.56	131.0	43.40	126.4	41.34	118.4	38.94
	-5.0	-5.6	152.6	47.78	144.4	45.55	135.4	43.28	131.0	41.26	126.4	39.32	118.4	36.98
	-3.0	-3.7	152.6	45.34	144.4	43.12	135.4	40.99	131.0	39.12	126.4	37.29	118.4	35.03
	0.0	-0.7	152.6	41.64	144.4	39.45	135.4	37.55	131.0	35.89	126.4	34.28	118.4	32.13
	3.0	2.2	152.6	37.97	144.4	35.82	135.4	34.10	131.0	32.67	126.4	31.24	118.4	29.20
	5.0	4.1	149.4	32.15	141.5	30.22	132.8	28.76	128.2	27.61	123.8	26.43	115.9	24.65
	7.0	6	145.8	29.42	137.9	27.57	129.3	26.29	124.9	25.26	120.6	24.22	113.0	22.52
	9.0	7.9	140.4	25.11	132.9	23.51	124.6	22.41	120.6	21.53	116.3	20.67	108.7	19.22
	11.0	9.8	132.8	22.16	125.6	20.75	117.7	19.79	113.8	19.02	110.1	18.24	103.0	16.97
	13.0	11.8	124.6	19.32	118.1	18.10	110.5	17.25	106.9	16.59	103.3	15.89	96.5	14.80
	15.0	13.7	118.1	17.27	111.6	16.19	104.8	15.28	101.2	14.69	97.6	14.07	91.4	13.23
50	-24.8	-25	127.4	56.24	120.2	57.06	113.0	54.05	109.4	51.22	105.5	48.55	98.3	46.06
	-21.8	-22	127.4	57.06	120.2	54.05	113.0	51.22	109.4	48.55	105.5	46.06	98.3	43.65
	-19.8	-20	127.4	54.96	120.2	52.03	113.0	49.32	109.4	46.75	105.5	44.38	98.3	42.04
	-18.8	-19	127.4	53.90	120.2	51.00	113.0	48.40	109.4	45.87	105.5	43.57	98.3	41.27
	-16.7	-17	127.4	51.69	120.2	48.91	113.0	46.42	109.4	43.97	105.5	41.81	98.3	39.59
	-13.7	-15	127.4	48.53	120.2	45.86	113.0	43.56	109.4	41.30	105.5	39.32	98.3	37.18
	-11.8	-13	127.4	46.51	120.2	43.95	113.0	41.79	109.4	39.61	105.5	37.75	98.3	35.68
	-9.8	-11	127.4	44.41	120.2	41.93	113.0	39.89	109.4	37.82	105.5	36.07	98.3	34.07
	-9.5	-10	127.4	44.08	120.2	41.64	113.0	39.60	109.4	37.56	105.5	35.85	98.3	33.82
	-8.5	-9.1	127.4	43.04	120.2	40.61	113.0	38.68	109.4	36.68	105.5	35.01	98.3	33.02
	-7.0	-7.6	127.4	41.43	120.2	39.11	113.0	37.25	109.4	35.33	105.5	33.76	98.3	31.84
	-5.0	-5.6	127.4	39.33	120.2	37.09	113.0	35.38	109.4	33.56	105.5	32.11	98.3	30.24
	-3.0	-3.7	127.4	37.23	120.2	35.07	113.0	33.47	109.4	31.77	105.5	30.43	98.3	28.63
	0.0	-0.7	127.4	34.07	120.2	32.02	113.0	30.65	109.4	29.10	105.5	27.94	98.3	26.25
	3.0	2.2	127.4	30.88	120.2	29.01	113.0	27.82	109.4	26.42	105.5	25.45	98.3	23.84
	5.0	4.1	124.9	26.04	117.7	24.42	110.5	23.46	106.9	22.28	103.7	21.52	96.5	20.13
	7.0	6	121.7	23.73	114.8	22.23	107.7	21.41	104.4	20.34	100.8	19.70	94.0	18.38
	9.0	7.9	117.0	20.46	110.5	19.15	103.7	18.44	100.5	17.52	97.2	16.99	90.7	15.85
	11.0	9.8	111.3	18.28	105.1	17.11	98.6	16.48	95.0	15.66	91.8	15.17	85.7	14.15
	13.0	11.8	104.0	15.75	98.3	14.76	92.2	14.20	89.3	13.57	86.4	13.08	80.3	12.28
	15.0	13.7	98.3	14.14	92.9	13.23	87.1	12.74	84.6	12.12	81.7	11.73	76.0	10.93

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM740LTE5

Heating Capacity (74HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	145.8	76.73	145.8	77.07	144.8	77.37	144.8	77.82	144.8	78.26	142.1	78.92
	-21.8	-22	177.3	77.42	177.3	77.76	176.1	78.06	176.1	78.51	176.1	78.92	172.8	79.61
	-19.8	-20	187.2	77.87	187.2	78.21	185.8	78.51	185.8	78.96	185.8	79.37	182.4	80.06
	-18.8	-19	191.0	78.08	191.0	78.42	189.9	78.72	189.9	79.17	189.9	79.61	186.2	80.27
	-16.7	-17	199.7	78.57	199.7	78.91	198.5	79.21	198.5	79.66	198.5	80.07	194.8	80.76
	-13.7	-15	212.0	79.26	212.0	79.57	210.9	79.87	210.9	80.32	210.9	80.76	206.8	77.82
	-11.8	-13	219.0	79.67	219.0	80.01	217.6	80.31	217.6	80.76	217.6	78.78	214.3	75.95
	-9.8	-11	226.1	80.12	226.1	80.46	224.9	80.76	224.9	78.67	224.9	76.72	222.2	74.00
	-9.5	-10	227.6	80.21	227.6	80.52	226.1	80.43	226.1	78.37	226.1	76.39	223.4	73.70
	-8.5	-9.1	232.0	80.42	232.0	80.76	230.5	79.37	230.5	77.30	229.4	75.36	227.5	72.71
	-7.0	-7.6	238.6	80.76	238.6	79.22	237.1	77.78	237.1	75.72	237.1	73.81	233.5	71.24
	-5.0	-5.6	247.2	78.77	247.2	77.15	245.7	75.68	245.7	73.66	245.7	71.75	241.4	69.29
	-3.0	-3.7	256.0	76.82	256.0	75.09	254.5	73.55	254.5	71.56	254.5	69.66	249.3	67.31
	0.0	-0.7	269.0	73.87	269.0	72.03	267.5	70.35	267.5	68.43	267.5	66.56	261.0	64.37
	3.0	2.2	282.3	70.92	282.3	68.94	280.4	67.18	280.4	65.27	280.4	63.44	263.1	61.42
	5.0	4.1	285.6	62.63	285.2	60.65	283.4	58.96	283.4	57.17	277.1	55.48	257.9	53.69
	7.0	6	286.7	59.61	286.3	57.67	284.5	56.02	279.7	54.38	270.1	52.76	251.2	51.19
	9.0	7.9	277.8	55.61	277.1	53.82	276.4	52.28	269.4	50.74	260.1	49.24	242.0	47.77
	11.0	9.8	262.7	52.34	262.0	50.65	261.2	49.16	254.9	47.73	246.0	46.30	229.0	44.94
	13.0	11.8	246.8	48.30	246.1	46.73	245.3	45.37	239.4	44.06	230.9	42.74	215.0	41.46
	15.0	13.7	233.4	44.95	232.8	43.49	232.0	42.25	226.4	41.01	218.6	39.80	203.5	38.59
120	-24.8	-25	144.7	77.07	144.7	77.37	143.7	77.82	143.7	78.26	143.7	78.92	141.0	79.41
	-21.8	-22	176.1	77.76	176.1	78.06	175.0	78.51	175.0	78.92	175.0	79.61	171.7	80.07
	-19.8	-20	185.7	78.21	185.7	78.51	184.6	78.96	184.6	79.37	184.6	80.06	180.9	80.52
	-18.8	-19	189.9	78.42	189.9	78.72	188.7	79.17	188.7	79.61	188.7	80.27	185.0	80.76
	-16.7	-17	198.5	78.91	198.5	79.21	197.1	79.66	197.1	80.07	197.1	80.76	193.3	78.85
	-13.7	-15	210.5	79.57	210.5	79.87	209.4	80.32	209.4	80.76	209.4	77.93	205.3	76.16
	-11.8	-13	217.5	80.01	217.5	80.31	216.1	80.76	216.1	78.77	216.1	76.16	212.8	74.44
	-9.8	-11	224.6	80.46	224.6	80.76	223.1	78.59	223.1	76.68	223.1	74.29	220.7	72.64
	-9.5	-10	226.1	80.52	226.1	80.43	224.6	78.26	224.6	76.35	224.6	74.00	221.9	72.38
	-8.5	-9.1	230.2	80.76	230.2	79.26	229.0	77.16	229.0	75.32	229.0	73.07	226.0	71.46
	-7.0	-7.6	236.8	79.07	236.8	77.53	235.3	75.54	235.3	73.74	235.3	71.68	231.7	70.10
	-5.0	-5.6	245.6	76.79	245.6	75.24	243.8	73.33	243.8	71.64	243.8	69.80	239.9	68.30
	-3.0	-3.7	254.2	74.51	254.2	72.96	252.7	71.16	252.7	69.55	252.7	67.92	247.2	66.50
	0.0	-0.7	267.1	71.12	267.1	69.50	265.6	67.89	265.6	66.42	265.6	65.10	247.2	63.81
	3.0	2.2	280.4	67.69	280.4	66.04	278.5	64.61	274.6	63.29	266.0	62.30	247.2	61.09
	5.0	4.1	284.1	59.37	283.0	57.79	278.3	56.51	269.0	55.30	260.8	54.53	242.3	53.47
	7.0	6	285.2	56.21	282.3	54.70	271.2	53.61	262.3	52.58	254.2	52.10	236.1	51.16
	9.0	7.9	275.7	52.31	272.0	50.89	261.2	49.90	252.7	48.94	244.9	48.47	227.2	47.59
	11.0	9.8	260.8	49.04	257.2	47.69	247.2	46.78	239.0	45.86	231.6	45.46	215.0	44.62
	13.0	11.8	244.9	45.08	241.6	43.87	232.0	43.00	224.2	42.19	217.5	41.79	202.0	41.05
	15.0	13.7	231.6	41.78	228.6	40.64	219.4	39.87	212.4	39.10	205.7	38.74	190.9	38.04
110	-24.8	-25	144.0	77.37	144.0	77.82	142.9	78.26	142.9	78.92	142.9	79.41	140.3	79.62
	-21.8	-22	175.0	78.06	175.0	78.51	173.9	78.92	173.9	79.61	173.9	80.07	170.6	80.31
	-19.8	-20	184.7	78.51	184.7	78.96	183.5	79.37	183.5	80.06	183.5	80.52	179.9	80.76
	-18.8	-19	188.8	78.72	188.8	79.17	187.6	79.61	187.6	80.27	187.6	80.76	184.0	79.74
	-16.7	-17	197.4	79.21	197.4	79.66	196.0	80.07	196.0	80.76	196.0	78.70	192.2	77.64
	-13.7	-15	209.4	79.87	209.4	80.32	208.0	80.76	208.0	77.64	208.0	75.76	208.0	74.59
	-11.8	-13	216.1	80.31	216.1	80.76	215.0	78.56	215.0	75.69	215.0	73.89	215.0	72.68
	-9.8	-11	223.5	80.76	223.5	78.30	222.0	76.24	222.0	73.59	222.0	71.94	220.8	70.66
	-9.5	-10	224.6	80.36	224.6	77.90	223.5	75.91	223.5	73.30	223.5	71.64	222.4	70.36
	-8.5	-9.1	229.0	79.03	229.0	76.68	227.6	74.77	227.6	72.24	227.6	70.65	222.4	69.37
	-7.0	-7.6	235.7	77.01	235.7	74.81	234.2	73.01	234.2	70.69	234.2	69.18	222.4	67.86
	-5.0	-5.6	244.2	74.36	244.2	72.34	242.7	70.72	242.7	68.63	238.3	67.23	222.4	65.84
	-3.0	-3.7	252.7	71.71	252.7	69.88	251.2	68.41	246.4	66.54	238.3	65.25	222.4	63.82
	0.0	-0.7	265.7	67.71	265.7	66.16	254.9	64.95	246.4	63.41	238.3	62.31	222.4	60.78
	3.0	2.2	278.6	63.70	271.6	62.45	254.9	61.46	246.4	60.32	238.3	59.37	222.4	57.76
	5.0	4.1	281.5	55.38	266.1	54.31	249.8	53.51	241.6	52.59	233.5	51.78	217.9	50.28
	7.0	6	274.5	51.96	259.4	51.19	243.5	50.60	235.3	49.98	227.5	49.36	212.4	47.82
	9.0	7.9	264.2	48.10	249.8	47.37	234.6	46.83	226.8	46.27	219.1	45.69	204.6	44.26
	11.0	9.8	250.1	44.80	236.4	44.14	221.7	43.66	214.6	43.12	207.2	42.57	193.5	41.25
	13.0	11.8	234.6	40.94	222.0	40.32	208.3	39.85	201.3	39.37	194.6	38.86	181.7	37.69
	15.0	13.7	222.0	37.64	209.8	37.06	197.2	36.66	190.6	36.22	184.2	35.74	172.0	34.64

7. Capacity Tables

Heating Capacity (74HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	143.3	84.72	143.3	84.21	142.5	77.92	142.5	82.89	142.5	82.35	139.6	82.08
	-21.8	-22	174.3	83.94	174.3	83.40	173.2	80.36	173.2	82.11	173.2	82.57	169.9	81.30
	-19.8	-20	183.9	83.40	183.9	82.86	182.8	81.87	182.8	81.57	182.8	81.36	179.1	80.76
	-18.8	-19	188.0	83.13	186.9	82.62	186.9	82.11	186.9	81.30	186.9	80.76	183.2	79.51
	-16.7	-17	195.2	82.59	195.2	82.05	195.2	82.57	194.1	80.76	194.1	78.19	190.4	76.90
	-13.7	-15	208.3	81.78	208.3	81.27	207.2	80.76	207.2	77.05	207.2	74.52	203.2	73.16
	-11.8	-13	215.0	81.30	213.9	80.76	213.9	78.30	213.9	74.70	213.9	72.20	203.2	70.78
	-9.8	-11	222.4	80.76	222.4	78.00	221.2	75.69	221.2	72.24	218.3	69.75	203.2	68.28
	-9.5	-10	223.5	80.32	223.5	77.57	222.4	75.29	222.4	71.87	218.3	69.41	203.2	67.91
	-8.5	-9.1	227.9	78.89	227.9	76.20	226.8	74.00	225.7	70.62	218.3	68.17	203.2	66.66
	-7.0	-7.6	238.3	76.72	237.2	74.11	233.1	72.02	225.7	68.75	218.3	66.33	203.2	64.79
	-5.0	-5.6	248.6	73.82	246.1	71.35	233.1	69.41	225.7	66.29	218.3	63.90	203.2	62.32
	-3.0	-3.7	255.7	70.95	247.9	68.59	233.1	66.83	225.7	63.83	218.3	61.45	203.2	59.83
	0.0	-0.7	263.0	66.61	247.9	64.44	233.1	62.90	225.7	60.12	218.3	57.77	203.2	56.08
	3.0	2.2	263.0	62.27	247.9	60.29	233.1	59.01	225.7	56.41	218.3	54.13	203.2	52.34
	5.0	4.1	257.5	53.91	243.1	52.12	228.3	51.05	221.2	48.75	213.9	46.69	199.1	45.01
	7.0	6	251.2	50.31	236.8	48.73	222.7	47.86	215.4	45.81	208.3	43.83	194.2	42.15
	9.0	7.9	242.0	46.32	228.3	44.86	214.6	44.09	207.6	42.15	200.9	40.35	186.9	38.79
	11.0	9.8	228.7	42.88	215.7	41.53	202.8	40.83	196.4	39.05	189.8	37.36	176.9	35.94
	13.0	11.8	214.9	38.89	202.7	37.69	190.5	37.03	184.3	35.42	178.3	33.89	166.1	32.58
	15.0	13.7	203.2	35.49	191.7	34.36	180.2	33.78	174.3	32.32	168.7	30.90	157.2	29.73
90	-24.8	-25	142.9	75.79	142.9	76.45	141.8	76.94	141.8	77.15	141.8	77.63	139.2	78.29
	-21.8	-22	173.6	76.45	173.6	77.14	172.5	77.63	172.5	77.84	172.5	78.29	169.1	74.96
	-19.8	-20	183.2	76.93	183.2	77.59	182.1	78.08	182.1	78.29	182.1	76.02	178.7	72.77
	-18.8	-19	188.0	77.14	186.9	77.83	186.2	78.29	186.2	77.12	186.2	74.89	182.5	71.64
	-16.7	-17	195.2	77.63	195.2	78.29	194.4	75.88	194.4	74.67	194.4	72.52	185.7	69.30
	-13.7	-15	208.3	78.29	208.3	74.71	206.5	72.44	206.5	71.20	200.1	69.12	185.7	66.01
	-11.8	-13	215.0	75.84	213.9	72.45	213.1	70.26	206.8	68.97	200.1	66.96	185.7	63.89
	-9.8	-11	222.4	73.28	222.4	70.07	213.2	67.99	206.8	66.64	200.1	64.70	185.7	61.66
	-9.5	-10	223.5	72.88	223.5	69.71	213.2	67.62	206.8	66.27	200.1	64.37	185.7	61.33
	-8.5	-9.1	227.9	71.61	226.1	68.53	213.2	66.49	206.8	65.13	200.1	63.23	185.7	60.24
	-7.0	-7.6	238.3	69.67	226.5	66.75	213.2	64.77	206.8	63.38	200.1	61.52	185.7	58.56
	-5.0	-5.6	240.9	67.08	226.5	64.37	213.2	62.47	206.8	61.04	200.1	59.25	185.7	56.36
	-3.0	-3.7	240.9	64.52	226.5	61.96	213.2	60.17	206.8	58.71	200.1	56.99	185.7	54.13
	0.0	-0.7	240.9	60.65	226.5	58.39	213.2	56.74	206.8	55.20	200.1	53.59	185.7	50.81
	3.0	2.2	240.9	56.81	226.5	54.84	213.2	53.30	206.8	51.73	200.1	50.19	185.7	47.48
	5.0	4.1	236.0	49.10	222.0	47.41	209.0	46.06	202.4	44.59	196.1	43.24	182.0	40.82
	7.0	6	229.8	45.96	216.4	44.56	203.5	43.35	197.2	41.89	190.9	40.64	177.6	38.30
	9.0	7.9	221.6	42.33	208.3	41.02	196.1	39.92	190.2	38.56	183.9	37.40	170.9	35.27
	11.0	9.8	209.4	38.82	197.2	37.62	185.4	36.60	179.8	35.35	173.9	34.29	161.7	32.35
	13.0	11.8	196.8	34.48	185.0	33.42	174.3	32.54	168.7	31.41	163.5	30.49	151.7	28.74
	15.0	13.7	186.1	31.12	175.0	30.17	165.0	29.36	159.8	28.34	154.7	27.50	143.6	25.94
80	-24.8	-25	142.2	66.90	142.2	67.59	141.4	68.08	141.4	68.29	141.4	69.43	138.5	66.51
	-21.8	-22	171.7	67.59	171.7	68.28	171.7	68.74	171.7	69.43	171.7	66.51	166.1	63.70
	-19.8	-20	181.3	68.04	181.3	68.73	181.3	69.43	181.3	67.35	178.3	64.54	166.1	61.80
	-18.8	-19	185.4	68.28	185.4	69.43	185.4	68.38	184.8	66.33	178.3	63.59	166.1	60.88
	-16.7	-17	190.9	69.43	190.9	67.25	190.9	66.19	185.0	64.17	178.3	61.54	166.1	58.91
	-13.7	-15	199.4	66.22	195.7	64.14	190.9	63.05	185.0	61.07	178.3	58.62	166.1	56.10
	-11.8	-13	204.6	64.17	198.6	62.17	190.9	61.07	185.0	59.13	178.3	56.75	166.1	54.31
	-9.8	-11	210.1	62.02	201.3	60.12	190.9	58.99	185.0	57.05	178.3	54.82	166.1	52.44
	-9.5	-10	211.6	61.69	202.4	59.79	190.9	58.66	185.0	56.75	178.3	54.52	166.1	52.15
	-8.5	-9.1	213.5	60.63	203.1	58.77	190.9	57.63	185.0	55.70	178.3	53.54	166.1	51.23
	-7.0	-7.6	215.7	59.02	203.1	57.20	190.9	56.06	185.0	54.16	178.3	52.08	166.1	49.81
	-5.0	-5.6	215.7	56.87	203.1	55.15	190.9	53.98	185.0	52.11	178.3	50.11	166.1	47.94
	-3.0	-3.7	215.7	54.72	203.1	53.07	190.9	51.90	185.0	50.03	178.3	48.17	166.1	46.05
	0.0	-0.7	215.7	51.50	203.1	49.96	190.9	48.76	185.0	46.96	178.3	45.24	166.1	43.24
	3.0	2.2	215.7	48.29	203.1	46.86	190.9	45.62	185.0	43.86	178.3	42.32	166.1	40.45
	5.0	4.1	211.3	41.70	199.1	40.46	186.9	39.32	181.3	37.71	174.7	36.43	162.8	34.78
	7.0	6	205.8	39.14	193.9	38.01	182.1	36.91	176.8	35.37	170.2	34.20	158.4	32.66
	9.0	7.9	198.3	35.11	186.9	34.09	175.4	33.25	170.2	31.97	164.2	30.84	152.8	29.37
	11.0	9.8	187.6	31.17	176.8	30.30	166.1	29.56	161.0	28.40	155.1	27.41	144.3	26.10
	13.0	11.8	176.1	27.09	166.1	26.32	155.8	25.67	151.3	24.68	145.8	23.80	135.8	22.67
	15.0	13.7	166.5	24.43	157.2	23.74	147.6	23.15	143.2	22.25	138.0	21.44	128.4	20.42

7. Capacity Tables

Heating Capacity (74HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	142.2	66.44	142.2	66.68	141.4	67.13	141.4	67.79	141.4	64.61	138.5	61.61
	-21.8	-22	163.5	67.13	163.5	67.34	162.4	67.79	156.9	64.61	152.1	61.61	142.1	58.72
	-19.8	-20	177.8	67.58	172.8	67.79	162.4	65.56	156.9	62.49	152.1	59.64	142.1	56.79
	-18.8	-19	182.8	67.79	172.8	66.65	162.4	64.43	156.9	61.40	152.1	58.62	142.1	55.83
	-16.7	-17	182.8	65.41	172.8	64.21	162.4	62.09	156.9	59.17	152.1	56.53	142.1	53.79
	-13.7	-15	182.8	61.98	172.8	60.74	162.4	58.73	156.9	55.98	152.1	53.54	142.1	50.90
	-11.8	-13	182.8	59.79	172.8	58.54	162.4	56.60	156.9	53.94	152.1	51.64	142.1	49.07
	-9.8	-11	182.8	57.52	172.8	56.21	162.4	54.34	156.9	51.82	152.1	49.66	142.1	47.14
	-9.5	-10	182.8	57.16	172.8	55.88	162.4	54.01	156.9	51.49	152.1	49.36	142.1	46.85
	-8.5	-9.1	182.8	56.02	172.8	54.71	162.4	52.91	156.9	50.43	152.1	48.35	142.1	45.89
	-7.0	-7.6	182.8	54.31	172.8	52.99	162.4	51.23	156.9	48.85	152.1	46.85	142.1	44.43
	-5.0	-5.6	182.8	52.04	172.8	50.65	162.4	48.97	156.9	46.70	152.1	44.87	142.1	42.53
	-3.0	-3.7	182.8	49.74	172.8	48.35	162.4	46.74	156.9	44.58	152.1	42.86	142.1	40.59
	0.0	-0.7	182.8	46.30	172.8	44.88	162.4	43.38	156.9	41.40	152.1	39.87	142.1	37.70
	3.0	2.2	182.8	42.87	172.8	41.40	162.4	40.01	156.9	38.18	152.1	36.90	142.1	34.78
	5.0	4.1	182.8	37.52	169.1	35.33	159.1	34.13	153.6	32.55	149.1	31.52	139.1	29.69
	7.0	6	183.1	35.81	165.0	32.73	155.0	31.64	149.8	30.21	145.4	29.29	135.8	27.54
	9.0	7.9	176.5	30.99	158.7	28.32	149.5	27.37	144.3	26.13	139.9	25.35	130.6	23.82
	11.0	9.8	166.8	27.49	150.2	25.11	141.3	24.27	136.5	23.18	132.5	22.48	123.6	21.13
	13.0	11.8	156.5	24.10	141.0	22.02	132.8	21.29	128.0	20.31	124.3	19.72	116.1	18.52
	15.0	13.7	148.0	21.45	133.5	19.62	125.5	18.97	121.3	18.09	117.7	17.55	109.9	16.52
60	-24.8	-25	140.2	65.78	140.2	66.23	139.1	66.92	134.7	63.46	129.9	60.22	121.7	57.19
	-21.8	-22	150.2	66.47	148.4	66.92	139.1	63.46	134.7	60.22	129.9	57.19	121.7	54.24
	-19.8	-20	156.9	66.92	148.4	64.48	139.1	61.17	134.7	58.07	129.9	55.16	121.7	52.28
	-18.8	-19	156.9	65.69	148.4	63.28	139.1	60.03	134.7	57.01	129.9	54.14	121.7	51.29
	-16.7	-17	156.9	63.10	148.4	60.70	139.1	57.60	134.7	54.72	129.9	52.02	121.7	49.25
	-13.7	-15	156.9	59.42	148.4	57.05	139.1	54.14	134.7	51.51	129.9	48.96	121.7	46.30
	-11.8	-13	156.9	57.09	148.4	54.73	139.1	51.96	134.7	49.44	129.9	47.03	121.7	44.44
	-9.8	-11	156.9	54.62	148.4	52.29	139.1	49.66	134.7	47.29	129.9	45.02	121.7	42.47
	-9.5	-10	156.9	54.26	148.4	51.92	139.1	49.33	134.7	46.96	129.9	44.70	121.7	42.18
	-8.5	-9.1	156.9	53.02	148.4	50.72	139.1	48.17	134.7	45.90	129.9	43.71	121.7	41.20
	-7.0	-7.6	156.9	51.20	148.4	48.90	139.1	46.45	134.7	44.26	129.9	42.18	121.7	39.74
	-5.0	-5.6	156.9	48.72	148.4	46.46	139.1	44.16	134.7	42.11	129.9	40.15	121.7	37.77
	-3.0	-3.7	156.9	46.28	148.4	44.02	139.1	41.86	134.7	39.96	129.9	38.11	121.7	35.80
	0.0	-0.7	156.9	42.57	148.4	40.34	139.1	38.40	134.7	36.72	129.9	35.08	121.7	32.88
	3.0	2.2	156.9	38.89	148.4	36.70	139.1	34.94	134.7	33.48	129.9	32.02	121.7	29.93
	5.0	4.1	153.6	32.98	145.4	31.00	136.5	29.50	131.8	28.33	127.3	27.12	119.1	25.29
	7.0	6	149.8	30.24	141.7	28.34	132.9	27.02	128.4	25.96	124.0	24.90	116.2	23.14
	9.0	7.9	144.3	25.90	136.5	24.26	128.0	23.12	123.9	22.21	119.5	21.33	111.8	19.83
	11.0	9.8	136.5	22.96	129.1	21.50	121.0	20.51	116.9	19.70	113.2	18.90	105.8	17.58
	13.0	11.8	128.0	20.12	121.4	18.84	113.6	17.97	109.9	17.27	106.2	16.55	99.2	15.41
	15.0	13.7	121.3	18.09	114.7	16.96	107.7	16.01	104.0	15.39	100.3	14.74	94.0	13.86
50	-24.8	-25	131.0	56.96	123.6	57.62	116.1	54.62	112.4	51.80	108.4	49.14	101.0	46.65
	-21.8	-22	131.0	57.62	123.6	54.62	116.1	51.80	112.4	49.14	108.4	46.65	101.0	44.24
	-19.8	-20	131.0	55.54	123.6	52.61	116.1	49.91	112.4	47.35	108.4	44.97	101.0	42.63
	-18.8	-19	131.0	54.48	123.6	51.59	116.1	48.99	112.4	46.47	108.4	44.16	101.0	41.86
	-16.7	-17	131.0	52.28	123.6	49.50	116.1	47.01	112.4	44.57	108.4	42.41	101.0	40.18
	-13.7	-15	131.0	49.14	123.6	46.47	116.1	44.17	112.4	41.90	108.4	39.92	101.0	37.77
	-11.8	-13	131.0	47.13	123.6	44.57	116.1	42.41	112.4	40.22	108.4	38.35	101.0	36.26
	-9.8	-11	131.0	45.04	123.6	42.56	116.1	40.51	112.4	38.43	108.4	36.67	101.0	34.66
	-9.5	-10	131.0	44.72	123.6	42.26	116.1	40.22	112.4	38.17	108.4	36.45	101.0	34.40
	-8.5	-9.1	131.0	43.69	123.6	41.24	116.1	39.30	112.4	37.29	108.4	35.61	101.0	33.60
	-7.0	-7.6	131.0	42.09	123.6	39.74	116.1	37.88	112.4	35.94	108.4	34.37	101.0	32.43
	-5.0	-5.6	131.0	40.00	123.6	37.73	116.1	36.01	112.4	34.18	108.4	32.72	101.0	30.82
	-3.0	-3.7	131.0	37.91	123.6	35.72	116.1	34.11	112.4	32.39	108.4	31.04	101.0	29.21
	0.0	-0.7	131.0	34.77	123.6	32.69	116.1	31.30	112.4	29.72	108.4	28.55	101.0	26.83
	3.0	2.2	131.0	31.60	123.6	29.69	116.1	28.48	112.4	27.05	108.4	26.07	101.0	24.42
	5.0	4.1	128.4	26.69	121.0	25.04	113.6	24.05	109.9	22.85	106.5	22.08	99.2	20.65
	7.0	6	125.0	24.39	118.0	22.85	110.7	22.01	107.3	20.91	103.6	20.25	96.6	18.89
	9.0	7.9	120.3	21.11	113.6	19.76	106.6	19.03	103.2	18.08	99.9	17.53	93.2	16.35
	11.0	9.8	114.3	18.94	108.0	17.73	101.4	17.07	97.7	16.23	94.4	15.72	88.1	14.66
	13.0	11.8	106.9	16.40	101.0	15.37	94.7	14.79	91.8	14.14	88.8	13.62	82.5	12.78
	15.0	13.7	101.0	14.81	95.5	13.86	89.6	13.35	86.9	12.69	84.0	12.29	78.1	11.45

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM760LTE5

Heating Capacity (76HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	147.2	78.46	147.2	78.95	146.1	79.37	146.1	80.01	146.1	80.62	144.0	81.57
	-21.8	-22	179.2	79.44	179.2	79.92	178.1	80.34	178.1	80.98	178.1	81.57	175.4	82.54
	-19.8	-20	189.4	80.07	189.4	80.56	188.0	80.98	188.0	81.61	188.0	82.20	185.3	83.17
	-18.8	-19	193.4	80.38	193.4	80.86	192.3	81.28	192.3	81.92	192.3	82.54	189.3	83.48
	-16.7	-17	202.3	81.06	202.3	81.55	201.2	81.97	201.2	82.60	201.2	83.19	198.2	84.16
	-13.7	-15	215.1	82.03	215.1	82.49	213.9	82.91	213.9	83.54	213.9	84.16	210.6	81.15
	-11.8	-13	222.3	82.62	222.3	83.11	220.8	83.53	220.8	84.16	220.8	82.14	218.1	79.24
	-9.8	-11	229.6	83.26	229.6	83.74	228.4	84.16	228.4	82.03	228.4	80.03	226.0	77.24
	-9.5	-10	231.3	83.37	231.3	83.83	229.8	83.83	229.8	81.72	229.5	79.70	227.1	76.94
	-8.5	-9.1	236.8	83.68	236.8	84.16	235.3	82.75	235.3	80.64	233.0	78.64	231.2	75.92
	-7.0	-7.6	245.1	84.16	245.1	82.60	243.5	81.14	243.5	79.03	243.5	77.06	238.4	74.42
	-5.0	-5.6	255.8	82.17	255.8	80.51	254.2	79.00	254.2	76.93	254.2	74.96	246.6	72.42
	-3.0	-3.7	266.8	80.20	266.8	78.43	265.2	76.84	265.2	74.79	265.2	72.82	254.8	70.39
	0.0	-0.7	283.0	77.23	283.0	75.33	281.3	73.59	280.2	71.60	278.0	69.66	267.3	67.38
	3.0	2.2	294.0	74.26	294.0	72.20	292.3	70.37	290.7	68.39	288.5	66.47	270.2	64.37
	5.0	4.1	295.6	65.65	295.1	63.59	293.4	61.82	291.9	59.95	284.6	58.18	264.9	56.30
	7.0	6	294.8	62.57	294.4	60.54	292.7	58.80	287.3	57.08	277.4	55.38	258.0	53.73
	9.0	7.9	285.3	58.45	284.6	56.56	283.8	54.94	276.7	53.33	267.1	51.75	248.5	50.21
	11.0	9.8	269.8	55.08	269.1	53.31	268.3	51.74	261.8	50.24	252.7	48.73	235.2	47.30
	13.0	11.8	253.4	50.92	252.7	49.26	252.0	47.83	245.8	46.44	237.1	45.06	220.8	43.71
	15.0	13.7	239.8	47.48	239.1	45.94	238.3	44.62	232.6	43.31	224.5	42.03	209.0	40.76
120	-24.8	-25	146.1	78.95	146.1	79.37	145.0	80.01	145.0	80.62	145.0	81.57	142.9	82.25
	-21.8	-22	178.1	79.92	178.1	80.34	177.0	80.98	177.0	81.57	177.0	82.54	174.3	83.19
	-19.8	-20	188.0	80.56	188.0	80.98	186.8	81.61	186.8	82.20	186.8	83.17	183.8	83.83
	-18.8	-19	192.2	80.86	192.2	81.28	191.1	81.92	191.1	82.54	191.1	83.48	188.1	84.16
	-16.7	-17	201.1	81.55	201.1	81.97	199.7	82.60	199.7	83.19	199.7	84.16	196.7	82.21
	-13.7	-15	213.6	82.49	213.6	82.91	212.4	83.54	212.4	84.16	212.4	81.27	209.1	79.46
	-11.8	-13	220.8	83.11	220.8	83.53	219.3	84.16	219.3	82.13	219.3	79.46	216.6	77.69
	-9.8	-11	228.0	83.74	228.0	84.16	226.5	81.95	226.5	79.99	226.5	77.55	224.4	75.85
	-9.5	-10	229.8	83.83	229.8	83.82	228.3	81.61	228.3	79.66	228.3	77.25	225.9	75.58
	-8.5	-9.1	235.0	84.16	235.0	82.63	233.8	80.49	233.8	78.60	233.3	76.31	230.6	74.64
	-7.0	-7.6	243.2	82.44	243.2	80.87	241.7	78.83	241.7	76.99	239.8	74.87	236.5	73.25
	-5.0	-5.6	254.2	80.13	254.2	78.54	252.3	76.59	252.3	74.85	252.3	72.96	245.0	71.41
	-3.0	-3.7	264.8	77.81	264.8	76.22	263.3	74.37	263.3	72.71	262.4	71.04	253.2	69.56
	0.0	-0.7	281.0	74.37	280.5	72.70	276.8	71.03	274.8	69.51	272.9	68.15	253.8	66.81
	3.0	2.2	292.0	70.90	291.3	69.18	287.3	67.69	282.0	66.31	273.2	65.29	253.8	64.03
	5.0	4.1	293.9	62.24	292.2	60.59	285.8	59.25	276.3	57.99	267.9	57.18	248.9	56.07
	7.0	6	293.2	59.00	290.0	57.42	278.6	56.27	269.4	55.19	261.0	54.69	242.4	53.70
	9.0	7.9	283.1	54.98	279.3	53.48	268.3	52.44	259.5	51.44	251.5	50.94	233.4	50.02
	11.0	9.8	267.9	51.61	264.1	50.19	253.8	49.22	245.5	48.27	237.9	47.83	220.8	46.96
	13.0	11.8	251.5	47.52	248.1	46.24	238.3	45.32	230.3	44.47	223.4	44.04	207.5	43.27
	15.0	13.7	237.9	44.11	234.8	42.91	225.4	42.09	218.1	41.29	211.3	40.90	196.1	40.17
110	-24.8	-25	145.3	79.37	145.3	80.01	144.3	80.62	144.3	81.57	144.3	82.25	142.2	82.56
	-21.8	-22	177.0	80.34	177.0	80.98	175.9	81.57	175.9	82.54	175.9	83.19	173.2	83.53
	-19.8	-20	186.9	80.98	186.9	81.61	185.7	82.20	185.7	83.17	185.7	83.83	182.7	84.16
	-18.8	-19	191.1	81.28	191.1	81.92	190.0	82.54	190.0	83.48	190.0	84.16	187.0	83.11
	-16.7	-17	200.0	81.97	200.0	82.60	198.6	83.19	198.6	84.16	198.6	82.05	195.6	80.95
	-13.7	-15	212.5	82.91	212.5	83.54	211.0	84.16	211.0	80.96	211.0	79.04	211.0	77.83
	-11.8	-13	219.3	83.53	219.3	84.16	218.2	81.91	218.2	78.96	218.2	77.11	218.2	75.86
	-9.8	-11	226.9	84.16	226.9	81.64	225.4	79.54	225.4	76.82	225.4	75.11	224.2	73.79
	-9.5	-10	228.3	83.75	228.3	81.23	227.2	79.19	227.2	76.51	227.2	74.81	226.3	73.48
	-8.5	-9.1	233.8	82.40	233.8	79.99	232.3	78.02	232.3	75.43	232.0	73.80	227.8	72.46
	-7.0	-7.6	242.0	80.33	242.0	78.07	240.5	76.22	240.5	73.84	239.0	72.29	228.4	70.91
	-5.0	-5.6	252.7	77.62	252.7	75.55	251.1	73.88	250.1	71.73	243.8	70.29	228.4	68.84
	-3.0	-3.7	263.3	74.91	263.3	73.02	258.8	71.51	253.1	69.58	244.7	68.26	228.4	66.76
	0.0	-0.7	277.5	70.81	274.1	69.22	261.8	67.97	253.1	66.38	244.7	65.24	228.4	63.63
	3.0	2.2	288.0	66.72	278.9	65.42	261.8	64.40	253.1	63.21	244.7	62.22	228.4	60.54
	5.0	4.1	289.2	58.05	273.2	56.95	256.5	56.11	248.1	55.15	239.8	54.31	223.8	52.73
	7.0	6	281.9	54.54	266.4	53.73	250.0	53.12	241.7	52.46	233.7	51.81	218.1	50.20
	9.0	7.9	271.4	50.55	256.5	49.78	240.9	49.21	232.9	48.63	225.0	48.01	210.2	46.51
	11.0	9.8	256.9	47.15	242.8	46.45	227.6	45.94	220.4	45.37	212.8	44.79	198.7	43.41
	13.0	11.8	241.0	43.15	228.0	42.50	213.9	42.00	206.8	41.50	199.9	40.96	186.6	39.72
	15.0	13.7	228.0	39.74	215.5	39.13	202.5	38.70	195.7	38.23	189.2	37.73	176.7	36.57

7. Capacity Tables

Heating Capacity (76HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	144.6	86.94	144.6	86.58	143.8	80.66	143.8	85.65	143.8	85.28	141.4	85.09
	-21.8	-22	176.2	86.39	176.2	86.01	175.1	83.20	175.1	85.11	175.1	85.77	172.4	84.55
	-19.8	-20	186.1	86.01	186.1	85.63	185.0	84.78	185.0	84.73	185.0	84.70	182.0	84.16
	-18.8	-19	190.4	85.82	189.2	85.47	189.2	85.11	189.2	84.54	189.2	84.16	186.2	82.88
	-16.7	-17	197.8	85.45	197.8	85.07	197.8	85.77	196.7	84.16	196.7	81.52	193.7	80.18
	-13.7	-15	211.4	84.87	211.4	84.52	210.2	84.16	210.2	80.35	210.2	77.73	206.9	76.32
	-11.8	-13	218.2	84.55	217.1	84.16	217.1	81.63	217.1	77.93	217.1	75.35	208.4	73.86
	-9.8	-11	225.7	84.16	225.7	81.33	224.6	78.95	224.6	75.39	222.2	72.82	208.6	71.29
	-9.5	-10	227.2	83.71	227.2	80.89	226.1	78.54	226.1	75.01	222.8	72.47	208.6	70.91
	-8.5	-9.1	232.6	82.24	232.6	79.48	231.5	77.22	231.8	73.73	224.2	71.19	208.6	69.62
	-7.0	-7.6	244.7	80.02	243.6	77.34	239.4	75.18	231.8	71.81	224.2	69.29	208.6	67.69
	-5.0	-5.6	255.4	77.05	252.7	74.51	239.4	72.50	231.8	69.27	224.2	66.79	208.6	65.15
	-3.0	-3.7	262.6	74.11	254.6	71.68	239.4	69.86	231.8	66.74	224.2	64.26	208.6	62.57
	0.0	-0.7	270.2	69.66	254.6	67.41	239.4	65.82	231.8	62.92	224.2	60.48	208.6	58.71
	3.0	2.2	270.2	65.22	254.6	63.15	239.4	61.82	231.8	59.10	224.2	56.72	208.6	54.85
	5.0	4.1	264.5	56.52	249.7	54.64	234.5	53.53	227.2	51.11	219.6	48.96	204.5	47.20
	7.0	6	258.0	52.81	243.2	51.15	228.7	50.24	221.2	48.08	214.0	46.00	199.5	44.24
	9.0	7.9	248.5	48.64	234.4	47.10	220.4	46.29	213.2	44.26	206.3	42.37	191.9	40.73
	11.0	9.8	234.9	45.05	221.6	43.63	208.2	42.89	201.7	41.02	194.9	39.25	181.6	37.75
	13.0	11.8	220.7	40.88	208.2	39.61	195.7	38.92	189.3	37.23	183.1	35.62	170.6	34.24
	15.0	13.7	208.6	37.32	196.9	36.14	185.1	35.52	179.0	33.98	173.3	32.49	161.5	31.26
90	-24.8	-25	144.2	77.78	144.2	78.72	143.1	79.41	143.1	79.71	143.1	80.38	141.0	81.32
	-21.8	-22	175.5	78.72	175.5	79.69	174.4	80.38	174.4	80.68	174.4	81.32	171.7	77.91
	-19.8	-20	185.4	79.39	185.4	80.33	184.2	81.01	184.2	81.32	184.2	79.00	181.5	75.66
	-18.8	-19	190.4	79.69	189.2	80.66	188.5	81.32	188.5	80.12	188.5	77.84	185.5	74.50
	-16.7	-17	197.8	80.38	197.8	81.32	197.0	78.86	197.0	77.62	197.0	75.41	189.8	72.10
	-13.7	-15	211.4	81.32	211.4	77.67	209.5	75.35	209.5	74.07	204.4	71.93	190.8	68.72
	-11.8	-13	218.2	78.83	217.1	75.36	216.3	73.12	211.2	71.79	205.5	69.73	190.8	66.55
	-9.8	-11	225.7	76.22	225.7	72.94	217.8	70.80	212.4	69.40	205.5	67.41	190.8	64.27
	-9.5	-10	227.2	75.82	227.2	72.57	218.4	70.43	212.4	69.03	205.5	67.07	190.8	63.93
	-8.5	-9.1	232.6	74.52	230.8	71.37	218.9	69.27	212.4	67.87	205.5	65.91	190.8	62.81
	-7.0	-7.6	244.7	72.55	232.6	69.55	218.9	67.52	212.4	66.08	205.5	64.16	190.8	61.09
	-5.0	-5.6	247.4	69.91	232.6	67.13	218.9	65.17	212.4	63.69	205.5	61.84	190.8	58.83
	-3.0	-3.7	247.4	67.31	232.6	64.68	218.9	62.83	212.4	61.30	205.5	59.52	190.8	56.55
	0.0	-0.7	247.4	63.37	232.6	61.03	218.9	59.32	212.4	57.72	205.5	56.04	190.8	53.14
	3.0	2.2	247.4	59.47	232.6	57.41	218.9	55.82	212.4	54.17	205.5	52.56	190.8	49.73
	5.0	4.1	242.4	51.45	228.0	49.69	214.7	48.28	207.9	46.74	201.4	45.33	187.0	42.80
	7.0	6	236.0	48.24	222.3	46.77	209.0	45.51	202.6	43.97	196.1	42.66	182.4	40.21
	9.0	7.9	227.6	44.45	214.0	43.07	201.4	41.92	195.3	40.49	188.9	39.27	175.6	37.04
	11.0	9.8	215.1	40.78	202.5	39.52	190.4	38.44	184.7	37.14	178.6	36.03	166.0	33.99
	13.0	11.8	202.1	36.24	190.0	35.12	179.0	34.20	173.3	33.01	167.9	32.05	155.8	30.21
	15.0	13.7	191.1	32.72	179.8	31.73	169.4	30.88	164.1	29.81	158.8	28.93	147.5	27.28
80	-24.8	-25	143.5	68.55	143.5	69.52	142.7	70.21	142.7	70.51	142.7	72.12	140.3	69.12
	-21.8	-22	173.6	69.52	173.6	70.49	173.6	71.15	173.6	72.12	173.6	69.12	168.8	66.23
	-19.8	-20	183.5	70.16	183.5	71.13	183.5	72.12	183.5	69.99	180.8	67.10	170.6	64.29
	-18.8	-19	187.7	70.49	187.7	72.12	187.7	71.04	187.1	68.94	181.7	66.12	170.6	63.34
	-16.7	-17	194.0	72.12	194.0	69.88	194.0	68.80	189.2	66.73	183.2	64.03	170.6	61.32
	-13.7	-15	204.8	68.84	201.0	66.71	196.1	65.59	190.0	63.55	183.2	61.03	170.6	58.43
	-11.8	-13	210.1	66.76	204.0	64.70	196.1	63.57	190.0	61.57	183.2	59.12	170.6	56.60
	-9.8	-11	215.4	64.56	206.5	62.61	196.1	61.44	190.0	59.44	183.2	57.13	170.6	54.68
	-9.5	-10	216.9	64.23	207.7	62.27	196.1	61.10	190.0	59.13	183.2	56.83	170.6	54.38
	-8.5	-9.1	219.0	63.14	208.6	61.23	196.1	60.05	190.0	58.06	183.2	55.82	170.6	53.44
	-7.0	-7.6	221.5	61.50	208.6	59.63	196.1	58.45	190.0	56.48	183.2	54.33	170.6	51.98
	-5.0	-5.6	221.5	59.31	208.6	57.53	196.1	56.32	190.0	54.38	183.2	52.31	170.6	50.06
	-3.0	-3.7	221.5	57.11	208.6	55.41	196.1	54.19	190.0	52.25	183.2	50.32	170.6	48.12
	0.0	-0.7	221.5	53.83	208.6	52.24	196.1	50.98	190.0	49.11	183.2	47.32	170.6	45.23
	3.0	2.2	221.5	50.55	208.6	49.07	196.1	47.77	190.0	45.93	183.2	44.33	170.6	42.37
	5.0	4.1	217.0	43.71	204.5	42.40	191.9	41.22	186.2	39.53	179.4	38.19	167.2	36.46
	7.0	6	211.3	41.09	199.2	39.90	187.0	38.74	181.6	37.12	174.8	35.90	162.7	34.28
	9.0	7.9	203.7	36.86	191.9	35.79	180.2	34.91	174.8	33.56	168.7	32.37	156.9	30.84
	11.0	9.8	192.7	32.74	181.6	31.82	170.6	31.05	165.3	29.82	159.3	28.78	148.2	27.41
	13.0	11.8	180.9	28.46	170.6	27.66	160.0	26.97	155.4	25.93	149.7	25.01	139.4	23.82
	15.0	13.7	171.0	25.69	161.5	24.96	151.6	24.34	147.0	23.39	141.7	22.55	131.8	21.48

7. Capacity Tables

Heating Capacity (76HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	143.5	68.31	143.5	68.64	142.7	69.28	142.7	70.22	142.7	66.96	140.3	63.90
	-21.8	-22	166.7	69.28	167.0	69.58	165.8	70.22	161.1	66.96	156.2	63.90	145.9	60.94
	-19.8	-20	180.2	69.91	176.3	70.22	166.8	67.94	161.1	64.80	156.2	61.88	145.9	58.96
	-18.8	-19	185.3	70.22	177.2	69.06	166.8	66.79	161.1	63.68	156.2	60.84	145.9	57.98
	-16.7	-17	187.4	67.80	177.4	66.57	166.8	64.40	161.1	61.40	156.2	58.70	145.9	55.89
	-13.7	-15	187.7	64.30	177.4	63.03	166.8	60.97	161.1	58.15	156.2	55.64	145.9	52.93
	-11.8	-13	187.7	62.07	177.4	60.79	166.8	58.80	161.1	56.06	156.2	53.70	145.9	51.05
	-9.8	-11	187.7	59.76	177.4	58.41	166.8	56.49	161.1	53.89	156.2	51.67	145.9	49.07
	-9.5	-10	187.7	59.40	177.4	58.07	166.8	56.16	161.1	53.56	156.2	51.37	145.9	48.77
	-8.5	-9.1	187.7	58.24	177.4	56.88	166.8	55.03	161.1	52.48	156.2	50.33	145.9	47.79
	-7.0	-7.6	187.7	56.49	177.4	55.13	166.8	53.32	161.1	50.86	156.2	48.80	145.9	46.30
	-5.0	-5.6	187.7	54.18	177.4	52.75	166.8	51.01	161.1	48.67	156.2	46.78	145.9	44.35
	-3.0	-3.7	187.7	51.84	177.4	50.40	166.8	48.73	161.1	46.50	156.2	44.72	145.9	42.36
	0.0	-0.7	187.7	48.35	177.4	46.86	166.8	45.30	161.1	43.24	156.2	41.66	145.9	39.40
	3.0	2.2	187.7	44.85	177.4	43.32	166.8	41.87	161.1	39.96	156.2	38.62	145.9	36.41
	5.0	4.1	187.7	39.32	173.7	37.02	163.4	35.75	157.7	34.11	153.2	33.03	142.9	31.11
	7.0	6	188.1	37.59	169.4	34.36	159.2	33.20	153.9	31.71	149.3	30.75	139.4	28.90
	9.0	7.9	181.2	32.54	163.0	29.74	153.5	28.74	148.2	27.43	143.7	26.62	134.1	25.01
	11.0	9.8	171.4	28.88	154.3	26.38	145.2	25.50	140.2	24.35	136.0	23.62	126.9	22.20
	13.0	11.8	160.8	25.33	144.8	23.14	136.4	22.38	131.5	21.34	127.7	20.72	119.3	19.46
	15.0	13.7	152.0	22.56	137.2	20.64	128.8	19.95	124.6	19.03	120.8	18.45	112.8	17.37
60	-24.8	-25	141.7	67.46	141.7	68.10	140.6	69.07	137.0	65.55	133.1	62.25	125.0	59.16
	-21.8	-22	153.3	68.43	152.4	69.07	142.9	65.55	138.3	62.25	133.4	59.16	125.0	56.15
	-19.8	-20	161.1	69.07	152.4	66.59	142.9	63.21	138.3	60.06	133.4	57.08	125.0	54.14
	-18.8	-19	161.1	67.81	152.4	65.36	142.9	62.06	138.3	58.98	133.4	56.04	125.0	53.13
	-16.7	-17	161.1	65.19	152.4	62.74	142.9	59.58	138.3	56.64	133.4	53.88	125.0	51.04
	-13.7	-15	161.1	61.46	152.4	59.04	142.9	56.06	138.3	53.37	133.4	50.77	125.0	48.03
	-11.8	-13	161.1	59.10	152.4	56.67	142.9	53.84	138.3	51.26	133.4	48.80	125.0	46.13
	-9.8	-11	161.1	56.59	152.4	54.20	142.9	51.50	138.3	49.07	133.4	46.75	125.0	44.12
	-9.5	-10	161.1	56.22	152.4	53.83	142.9	51.17	138.3	48.74	133.4	46.42	125.0	43.82
	-8.5	-9.1	161.1	54.97	152.4	52.60	142.9	49.98	138.3	47.66	133.4	45.41	125.0	42.82
	-7.0	-7.6	161.1	53.12	152.4	50.75	142.9	48.24	138.3	45.99	133.4	43.85	125.0	41.33
	-5.0	-5.6	161.1	50.62	152.4	48.27	142.9	45.90	138.3	43.80	133.4	41.77	125.0	39.32
	-3.0	-3.7	161.1	48.14	152.4	45.79	142.9	43.57	138.3	41.61	133.4	39.70	125.0	37.31
	0.0	-0.7	161.1	44.38	152.4	42.06	142.9	40.05	138.3	38.31	133.4	36.61	125.0	34.32
	3.0	2.2	161.1	40.65	152.4	38.36	142.9	36.53	138.3	35.01	133.4	33.49	125.0	31.31
	5.0	4.1	157.7	34.53	149.4	32.46	140.2	30.89	135.3	29.67	130.7	28.41	122.4	26.49
	7.0	6	153.9	31.75	145.6	29.75	136.4	28.36	131.9	27.25	127.3	26.14	119.3	24.29
	9.0	7.9	148.2	27.20	140.2	25.47	131.5	24.28	127.3	23.32	122.7	22.40	114.8	20.82
	11.0	9.8	140.2	24.12	132.6	22.58	124.3	21.54	120.1	20.70	116.2	19.85	108.7	18.47
	13.0	11.8	131.5	21.15	124.6	19.81	116.7	18.88	112.9	18.15	109.1	17.39	101.9	16.20
	15.0	13.7	124.6	19.03	117.8	17.83	110.6	16.84	106.8	16.19	103.0	15.50	96.5	14.57
50	-24.8	-25	134.5	58.91	126.9	59.85	119.3	56.76	115.5	53.86	111.4	51.10	103.8	48.54
	-21.8	-22	134.5	59.85	126.9	56.76	119.3	53.86	115.5	51.10	111.4	48.54	103.8	46.05
	-19.8	-20	134.5	57.70	126.9	54.69	119.3	51.90	115.5	49.26	111.4	46.81	103.8	44.39
	-18.8	-19	134.5	56.62	126.9	53.64	119.3	50.96	115.5	48.35	111.4	45.97	103.8	43.59
	-16.7	-17	134.5	54.36	126.9	51.49	119.3	48.92	115.5	46.40	111.4	44.17	103.8	41.85
	-13.7	-15	134.5	51.12	126.9	48.37	119.3	45.99	115.5	43.64	111.4	41.60	103.8	39.36
	-11.8	-13	134.5	49.06	126.9	46.41	119.3	44.17	115.5	41.91	111.4	39.98	103.8	37.81
	-9.8	-11	134.5	46.91	126.9	44.34	119.3	42.22	115.5	40.06	111.4	38.25	103.8	36.15
	-9.5	-10	134.5	46.58	126.9	44.03	119.3	41.92	115.5	39.80	111.4	38.01	103.8	35.89
	-8.5	-9.1	134.5	45.52	126.9	42.98	119.3	40.97	115.5	38.89	111.4	37.15	103.8	35.06
	-7.0	-7.6	134.5	43.87	126.9	41.44	119.3	39.51	115.5	37.50	111.4	35.87	103.8	33.85
	-5.0	-5.6	134.5	41.72	126.9	39.37	119.3	37.58	115.5	35.68	111.4	34.16	103.8	32.19
	-3.0	-3.7	134.5	39.58	126.9	37.30	119.3	35.63	115.5	33.84	111.4	32.43	103.8	30.53
	0.0	-0.7	134.5	36.34	126.9	34.17	119.3	32.73	115.5	31.08	111.4	29.87	103.8	28.07
	3.0	2.2	134.5	33.08	126.9	31.08	119.3	29.82	115.5	28.33	111.4	27.30	103.8	25.58
	5.0	4.1	131.8	27.97	124.3	26.24	116.7	25.21	112.9	23.95	109.4	23.14	101.8	21.65
	7.0	6	128.4	25.60	121.2	23.98	113.7	23.10	110.2	21.94	106.4	21.26	99.2	19.83
	9.0	7.9	123.5	22.17	116.7	20.75	109.5	19.98	106.0	18.98	102.6	18.40	95.7	17.17
	11.0	9.8	117.4	19.89	110.9	18.62	104.1	17.93	100.3	17.05	96.9	16.51	90.4	15.40
	13.0	11.8	109.8	17.24	103.7	16.16	97.3	15.55	94.2	14.86	91.2	14.32	84.8	13.44
	15.0	13.7	103.8	15.57	98.0	14.58	92.0	14.04	89.3	13.35	86.2	12.93	80.2	12.05

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM780LTE5

Heating Capacity (78HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	155.8	81.28	155.8	81.60	154.6	81.88	154.6	82.30	154.6	82.72	151.8	83.34
	-21.8	-22	188.2	81.93	188.2	82.25	187.0	82.53	187.0	82.95	187.0	83.34	183.5	83.99
	-19.8	-20	198.2	82.35	198.2	82.67	196.7	82.95	196.7	83.38	196.7	83.76	193.1	84.41
	-18.8	-19	202.1	82.54	202.1	82.87	200.9	83.15	200.9	83.57	200.9	83.99	197.0	84.61
	-16.7	-17	210.9	83.01	210.9	83.33	209.6	83.61	209.6	84.03	209.6	84.42	205.7	85.07
	-13.7	-15	223.5	83.65	223.5	83.95	222.2	84.23	222.2	84.65	222.2	85.07	218.0	81.88
	-11.8	-13	230.8	84.04	230.8	84.36	229.3	84.64	229.3	85.07	229.3	82.91	225.6	79.85
	-9.8	-11	238.3	84.46	238.3	84.79	237.1	85.07	237.1	82.78	237.1	80.67	233.7	77.74
	-9.5	-10	239.8	84.55	239.8	84.84	238.3	84.71	238.3	82.45	238.2	80.32	234.9	77.42
	-8.5	-9.1	244.5	84.74	244.5	85.07	243.0	83.54	243.0	81.30	241.8	79.20	239.0	76.35
	-7.0	-7.6	251.5	85.07	251.5	83.36	250.0	81.80	250.0	79.57	250.0	77.51	245.2	74.75
	-5.0	-5.6	260.6	82.86	260.6	81.09	259.0	79.50	259.0	77.32	259.0	75.27	253.2	72.64
	-3.0	-3.7	269.9	80.68	269.9	78.82	268.3	77.16	268.3	75.03	268.3	73.00	261.3	70.50
	0.0	-0.7	283.6	77.40	283.6	75.44	282.0	73.66	282.0	71.62	282.0	69.64	273.5	67.31
	3.0	2.2	297.7	74.12	297.7	72.03	295.7	70.18	295.7	68.17	295.7	66.24	277.3	64.12
	5.0	4.1	301.2	65.35	300.8	63.28	298.9	61.51	298.9	59.64	292.1	57.86	271.8	55.98
	7.0	6	302.4	62.07	302.0	60.06	300.0	58.33	294.8	56.62	284.7	54.94	264.8	53.30
	9.0	7.9	292.9	57.79	292.1	55.92	291.3	54.32	283.9	52.73	274.2	51.16	255.1	49.64
	11.0	9.8	276.9	54.25	276.2	52.51	275.4	50.96	268.7	49.48	259.3	48.00	241.4	46.59
	13.0	11.8	260.1	49.94	259.4	48.31	258.6	46.91	252.3	45.55	243.4	44.19	226.6	42.86
	15.0	13.7	246.1	46.34	245.3	44.83	244.6	43.55	238.7	42.27	230.5	41.02	214.5	39.78
120	-24.8	-25	154.6	81.60	154.6	81.88	153.5	82.30	153.5	82.72	153.5	83.34	150.7	83.80
	-21.8	-22	187.0	82.25	187.0	82.53	185.8	82.95	185.8	83.34	185.8	83.99	182.3	84.42
	-19.8	-20	196.6	82.67	196.6	82.95	195.4	83.38	195.4	83.76	195.4	84.41	191.6	84.84
	-18.8	-19	200.8	82.87	200.8	83.15	199.6	83.57	199.6	83.99	199.6	84.61	195.8	85.07
	-16.7	-17	209.6	83.33	209.6	83.61	208.1	84.03	208.1	84.42	208.1	85.07	204.2	83.00
	-13.7	-15	221.9	83.95	221.9	84.23	220.7	84.65	220.7	85.07	220.7	82.00	216.4	80.09
	-11.8	-13	229.3	84.36	229.3	84.64	227.7	85.07	227.7	82.91	227.7	80.08	224.1	78.22
	-9.8	-11	236.7	84.79	236.7	85.07	235.2	82.70	235.2	80.63	235.2	78.04	232.1	76.27
	-9.5	-10	238.2	84.84	238.2	84.70	236.7	82.34	236.7	80.28	236.7	77.73	233.3	75.99
	-8.5	-9.1	242.6	85.07	242.6	83.42	241.4	81.14	241.4	79.15	241.2	76.73	237.5	75.00
	-7.0	-7.6	249.6	83.21	249.6	81.54	248.0	79.38	248.0	77.44	247.6	75.21	243.3	73.52
	-5.0	-5.6	258.9	80.71	258.9	79.04	257.1	76.98	257.1	75.16	257.1	73.17	251.6	71.57
	-3.0	-3.7	268.0	78.21	268.0	76.55	266.4	74.61	266.4	72.89	266.4	71.14	259.7	69.62
	0.0	-0.7	281.7	74.49	281.7	72.77	280.1	71.05	280.1	69.49	280.1	68.07	260.5	66.71
	3.0	2.2	295.7	70.74	295.7	69.00	293.7	67.49	289.4	66.09	280.4	65.03	260.5	63.76
	5.0	4.1	299.6	61.95	298.5	60.29	293.3	58.94	283.6	57.68	274.9	56.86	255.4	55.75
	7.0	6	300.8	58.53	297.6	56.96	285.9	55.82	276.5	54.75	267.9	54.25	248.8	53.27
	9.0	7.9	290.6	54.37	286.7	52.88	275.4	51.85	266.3	50.86	258.1	50.37	239.5	49.46
	11.0	9.8	274.9	50.86	271.1	49.46	260.5	48.50	251.9	47.56	244.1	47.13	226.6	46.27
	13.0	11.8	258.2	46.63	254.7	45.38	244.6	44.47	236.4	43.64	229.3	43.22	212.9	42.46
	15.0	13.7	244.2	43.09	241.0	41.92	231.3	41.12	223.8	40.33	216.8	39.95	201.3	39.23
110	-24.8	-25	153.8	81.88	153.8	82.30	152.7	82.72	152.7	83.34	152.7	83.80	149.9	83.99
	-21.8	-22	185.9	82.53	185.9	82.95	184.7	83.34	184.7	83.99	184.7	84.42	181.2	84.64
	-19.8	-20	195.5	82.95	195.5	83.38	194.3	83.76	194.3	84.41	194.3	84.84	190.4	85.07
	-18.8	-19	199.7	83.15	199.7	83.57	198.5	83.99	198.5	84.61	198.5	85.07	194.6	83.96
	-16.7	-17	208.4	83.61	208.4	84.03	206.9	84.42	206.9	85.07	206.9	82.84	203.0	81.70
	-13.7	-15	220.7	84.23	220.7	84.65	219.2	85.07	219.2	81.69	219.2	79.67	219.2	78.42
	-11.8	-13	227.8	84.64	227.8	85.07	226.5	82.68	226.5	79.58	226.5	77.65	226.5	76.36
	-9.8	-11	235.5	85.07	235.5	82.40	234.0	80.18	234.0	77.32	234.0	75.54	232.1	74.19
	-9.5	-10	236.7	84.63	236.7	81.97	235.5	79.82	235.5	77.00	235.5	75.22	234.4	73.87
	-8.5	-9.1	241.4	83.19	241.4	80.65	239.9	78.58	239.9	75.85	239.9	74.15	234.4	72.79
	-7.0	-7.6	248.4	81.00	248.4	78.62	246.8	76.68	246.8	74.18	246.8	72.57	234.4	71.17
	-5.0	-5.6	257.4	78.13	257.4	75.95	255.8	74.21	255.8	71.95	251.1	70.46	234.4	68.99
	-3.0	-3.7	266.4	75.25	266.4	73.28	264.9	71.70	259.8	69.69	251.1	68.32	234.4	66.82
	0.0	-0.7	280.1	70.91	280.1	69.26	268.7	67.96	259.8	66.32	251.1	65.15	234.4	63.54
	3.0	2.2	293.8	66.56	286.3	65.24	268.7	64.19	259.8	62.98	251.1	61.97	234.4	60.29
	5.0	4.1	296.8	57.78	280.4	56.66	263.3	55.81	254.7	54.84	246.1	54.00	229.7	52.43
	7.0	6	289.3	54.10	273.4	53.30	256.6	52.69	248.1	52.05	239.8	51.39	223.9	49.80
	9.0	7.9	278.5	49.99	263.3	49.23	247.2	48.67	239.1	48.09	230.9	47.48	215.7	46.00
	11.0	9.8	263.6	46.46	249.2	45.78	233.6	45.28	226.2	44.71	218.4	44.14	204.0	42.78
	13.0	11.8	247.3	42.36	234.0	41.71	219.6	41.23	212.2	40.73	205.1	40.20	191.5	38.99
	15.0	13.7	234.0	38.83	221.2	38.23	207.8	37.81	200.9	37.36	194.2	36.87	181.3	35.73

7. Capacity Tables

Heating Capacity (78HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	153.0	88.58	153.0	88.13	152.2	81.88	152.2	86.95	152.2	86.48	149.1	86.24
	-21.8	-22	185.1	87.89	185.1	87.41	183.9	84.46	183.9	86.26	183.9	86.69	180.4	85.55
	-19.8	-20	194.7	87.41	194.7	86.93	193.5	86.04	193.5	85.78	193.5	85.61	189.7	85.07
	-18.8	-19	198.9	87.17	197.7	86.72	197.7	86.26	197.7	85.54	197.7	85.07	193.8	83.73
	-16.7	-17	206.1	86.69	206.1	86.21	206.1	86.69	205.0	85.07	205.0	82.31	201.1	80.94
	-13.7	-15	219.6	85.97	219.6	85.52	218.4	85.07	218.4	81.08	218.4	78.38	214.1	76.93
	-11.8	-13	226.6	85.55	225.4	85.07	225.4	82.41	225.4	78.55	225.4	75.89	214.1	74.38
	-9.8	-11	234.3	85.07	234.3	82.09	233.2	79.60	233.2	75.91	230.1	73.26	214.1	71.71
	-9.5	-10	235.5	84.59	235.5	81.62	234.4	79.17	234.4	75.51	230.1	72.90	214.1	71.31
	-8.5	-9.1	240.2	83.04	240.2	80.15	239.0	77.78	237.9	74.17	230.1	71.56	214.1	69.98
	-7.0	-7.6	251.1	80.69	250.0	77.89	245.7	75.65	237.9	72.17	230.1	69.60	214.1	67.97
	-5.0	-5.6	262.1	77.56	259.4	74.92	245.7	72.84	237.9	69.52	230.1	66.99	214.1	65.33
	-3.0	-3.7	269.5	74.45	261.3	71.94	245.7	70.06	237.9	66.87	230.1	64.36	214.1	62.66
	0.0	-0.7	277.3	69.77	261.3	67.46	245.7	65.83	237.9	62.88	230.1	60.42	214.1	58.65
	3.0	2.2	277.3	65.08	261.3	62.98	245.7	61.63	237.9	58.90	230.1	56.52	214.1	54.64
	5.0	4.1	271.5	56.26	256.2	54.37	240.7	53.25	233.2	50.84	225.4	48.69	209.9	46.94
	7.0	6	264.8	52.39	249.6	50.74	234.7	49.84	227.0	47.70	219.6	45.64	204.7	43.89
	9.0	7.9	255.0	48.01	240.6	46.49	226.2	45.70	218.8	43.69	211.7	41.83	197.0	40.20
	11.0	9.8	241.0	44.21	227.4	42.82	213.7	42.10	207.1	40.26	200.1	38.52	186.4	37.05
	13.0	11.8	226.6	39.85	213.7	38.61	200.8	37.94	194.2	36.30	188.0	34.72	175.1	33.38
	15.0	13.7	214.1	36.10	202.0	34.95	189.9	34.35	183.7	32.87	177.8	31.43	165.7	30.24
90	-24.8	-25	152.6	79.85	152.6	80.47	151.5	80.93	151.5	81.13	151.5	81.58	148.7	82.20
	-21.8	-22	184.3	80.47	184.3	81.12	183.1	81.58	183.1	81.78	183.1	82.20	179.6	78.67
	-19.8	-20	193.9	80.92	193.9	81.54	192.7	82.00	192.7	82.20	192.7	79.79	189.2	76.34
	-18.8	-19	198.9	81.12	197.7	81.77	196.9	82.20	196.9	80.96	196.9	78.59	193.0	75.15
	-16.7	-17	206.1	81.58	206.1	82.20	205.3	79.63	205.3	78.35	205.3	76.07	195.8	72.67
	-13.7	-15	219.6	82.20	219.6	78.39	217.6	75.98	217.6	74.66	211.0	72.46	195.8	69.17
	-11.8	-13	226.6	79.59	225.4	75.97	224.6	73.65	218.0	72.29	211.0	70.17	195.8	66.93
	-9.8	-11	234.3	76.86	234.3	73.44	224.7	71.23	218.0	69.81	211.0	67.76	195.8	64.57
	-9.5	-10	235.5	76.43	235.5	73.06	224.7	70.85	218.0	69.43	211.0	67.41	195.8	64.22
	-8.5	-9.1	240.2	75.07	238.3	71.81	224.7	69.64	218.0	68.21	211.0	66.21	195.8	63.05
	-7.0	-7.6	251.1	73.00	238.7	69.90	224.7	67.81	218.0	66.35	211.0	64.39	195.8	61.27
	-5.0	-5.6	253.9	70.24	238.7	67.37	224.7	65.37	218.0	63.87	211.0	61.98	195.8	58.94
	-3.0	-3.7	253.9	67.51	238.7	64.81	224.7	62.92	218.0	61.38	211.0	59.57	195.8	56.58
	0.0	-0.7	253.9	63.38	238.7	61.00	224.7	59.26	218.0	57.66	211.0	55.97	195.8	53.05
	3.0	2.2	253.9	59.29	238.7	57.21	224.7	55.61	218.0	53.96	211.0	52.36	195.8	49.53
	5.0	4.1	248.8	51.19	234.0	49.42	220.3	48.01	213.4	46.49	206.7	45.07	191.9	42.55
	7.0	6	242.2	47.85	228.1	46.40	214.5	45.14	207.9	43.62	201.3	42.32	187.2	39.89
	9.0	7.9	233.6	43.88	219.6	42.51	206.7	41.37	200.4	39.97	193.9	38.76	180.2	36.56
	11.0	9.8	220.8	40.02	207.8	38.78	195.4	37.73	189.5	36.45	183.3	35.36	170.4	33.35
	13.0	11.8	207.4	35.32	195.0	34.24	183.7	33.34	177.9	32.18	172.3	31.24	159.9	29.45
	15.0	13.7	196.2	31.65	184.5	30.68	173.9	29.86	168.5	28.83	163.0	27.97	151.3	26.38
80	-24.8	-25	151.8	70.52	151.8	71.17	151.0	71.63	151.0	71.83	151.0	72.90	147.9	69.80
	-21.8	-22	182.4	71.17	182.4	71.82	182.4	72.25	182.4	72.90	182.4	69.80	175.1	66.82
	-19.8	-20	191.9	71.59	191.9	72.24	191.9	72.90	191.9	70.69	188.0	67.71	175.1	64.81
	-18.8	-19	196.1	71.82	196.1	72.90	196.1	71.78	195.0	69.61	188.0	66.70	175.1	63.84
	-16.7	-17	201.2	72.90	201.2	70.57	201.2	69.45	195.0	67.32	188.0	64.53	175.1	61.75
	-13.7	-15	210.2	69.48	206.3	67.27	201.2	66.11	195.0	64.02	188.0	61.43	175.1	58.77
	-11.8	-13	216.0	67.30	209.7	65.17	201.2	64.01	195.0	61.96	188.0	59.45	175.1	56.87
	-9.8	-11	221.8	65.01	212.3	62.99	201.2	61.80	195.0	59.75	188.0	57.39	175.1	54.89
	-9.5	-10	223.3	64.66	213.5	62.64	201.2	61.45	195.0	59.44	188.0	57.08	175.1	54.59
	-8.5	-9.1	225.2	63.53	214.1	61.55	201.2	60.36	195.0	58.32	188.0	56.04	175.1	53.61
	-7.0	-7.6	227.3	61.81	214.1	59.89	201.2	58.69	195.0	56.69	188.0	54.49	175.1	52.11
	-5.0	-5.6	227.3	59.52	214.1	57.70	201.2	56.48	195.0	54.51	188.0	52.40	175.1	50.13
	-3.0	-3.7	227.3	57.23	214.1	55.49	201.2	54.26	195.0	52.31	188.0	50.35	175.1	48.12
	0.0	-0.7	227.3	53.80	214.1	52.19	201.2	50.93	195.0	49.04	188.0	47.24	175.1	45.14
	3.0	2.2	227.3	50.38	214.1	48.89	201.2	47.59	195.0	45.75	188.0	44.14	175.1	42.19
	5.0	4.1	222.7	43.47	209.8	42.17	197.0	40.99	191.1	39.31	184.1	37.97	171.6	36.25
	7.0	6	216.9	40.76	204.4	39.58	191.9	38.43	186.4	36.83	179.4	35.61	167.0	34.01
	9.0	7.9	209.0	36.36	197.0	35.31	184.9	34.44	179.4	33.12	173.1	31.94	161.0	30.43
	11.0	9.8	197.7	32.11	186.4	31.21	175.1	30.46	169.7	29.26	163.5	28.24	152.1	26.89
	13.0	11.8	185.6	27.73	175.1	26.95	164.2	26.28	159.5	25.27	153.7	24.38	143.1	23.22
	15.0	13.7	175.5	24.83	165.7	24.13	155.6	23.54	150.9	22.61	145.4	21.80	135.3	20.76

7. Capacity Tables

Heating Capacity (78HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	151.8	69.91	151.8	70.13	151.0	70.56	151.0	71.18	151.0	67.81	147.0	64.64
	-21.8	-22	172.4	70.56	172.4	70.75	171.2	71.18	165.4	67.81	160.3	64.64	149.7	61.58
	-19.8	-20	186.0	70.98	182.1	71.18	171.2	68.81	165.4	65.56	160.3	62.54	149.7	59.54
	-18.8	-19	191.4	71.18	182.1	69.97	171.2	67.61	165.4	64.41	160.3	61.47	149.7	58.53
	-16.7	-17	192.7	68.65	182.1	67.38	171.2	65.13	165.4	62.04	160.3	59.26	149.7	56.37
	-13.7	-15	192.7	65.01	182.1	63.70	171.2	61.57	165.4	58.67	160.3	56.09	149.7	53.32
	-11.8	-13	192.7	62.68	182.1	61.37	171.2	59.32	165.4	56.51	160.3	54.08	149.7	51.38
	-9.8	-11	192.7	60.28	182.1	58.90	171.2	56.93	165.4	54.27	160.3	51.99	149.7	49.34
	-9.5	-10	192.7	59.89	182.1	58.54	171.2	56.58	165.4	53.92	160.3	51.68	149.7	49.03
	-8.5	-9.1	192.7	58.69	182.1	57.31	171.2	55.41	165.4	52.80	160.3	50.60	149.7	48.02
	-7.0	-7.6	192.7	56.87	182.1	55.48	171.2	53.63	165.4	51.13	160.3	49.02	149.7	46.48
	-5.0	-5.6	192.7	54.46	182.1	53.01	171.2	51.24	165.4	48.85	160.3	46.92	149.7	44.46
	-3.0	-3.7	192.7	52.02	182.1	50.56	171.2	48.87	165.4	46.60	160.3	44.80	149.7	42.42
	0.0	-0.7	192.7	48.37	182.1	46.88	171.2	45.31	165.4	43.23	160.3	41.63	149.7	39.36
	3.0	2.2	192.7	44.73	182.1	43.20	171.2	41.75	165.4	39.83	160.3	38.49	149.7	36.28
	5.0	4.1	192.7	39.12	178.2	36.83	167.7	35.58	161.9	33.93	157.2	32.85	146.6	30.94
	7.0	6	193.0	37.29	173.9	34.08	163.4	32.94	157.9	31.45	153.3	30.50	143.1	28.67
	9.0	7.9	186.0	32.12	167.3	29.35	157.5	28.37	152.1	27.08	147.5	26.28	137.7	24.69
	11.0	9.8	175.9	28.34	158.3	25.89	149.0	25.03	143.9	23.90	139.6	23.18	130.2	21.78
	13.0	11.8	165.0	24.69	148.6	22.56	140.0	21.81	135.0	20.81	131.0	20.20	122.4	18.97
	15.0	13.7	156.0	21.82	140.8	19.96	132.2	19.29	127.9	18.40	124.0	17.85	115.8	16.80
60	-24.8	-25	147.8	69.27	147.8	69.70	146.7	70.35	141.9	66.68	136.9	63.25	128.3	60.05
	-21.8	-22	158.3	69.92	156.4	70.35	146.7	66.68	141.9	63.25	136.9	60.05	128.3	56.93
	-19.8	-20	165.4	70.35	156.4	67.76	146.7	64.25	141.9	60.97	136.9	57.89	128.3	54.85
	-18.8	-19	165.4	69.04	156.4	66.48	146.7	63.05	141.9	59.85	136.9	56.81	128.3	53.81
	-16.7	-17	165.4	66.29	156.4	63.75	146.7	60.47	141.9	57.43	136.9	54.57	128.3	51.65
	-13.7	-15	165.4	62.39	156.4	59.88	146.7	56.81	141.9	54.03	136.9	51.34	128.3	48.53
	-11.8	-13	165.4	59.91	156.4	57.42	146.7	54.49	141.9	51.83	136.9	49.30	128.3	46.57
	-9.8	-11	165.4	57.29	156.4	54.83	146.7	52.06	141.9	49.56	136.9	47.17	128.3	44.49
	-9.5	-10	165.4	56.90	156.4	54.45	146.7	51.71	141.9	49.21	136.9	46.83	128.3	44.18
	-8.5	-9.1	165.4	55.59	156.4	53.17	146.7	50.48	141.9	48.09	136.9	45.78	128.3	43.14
	-7.0	-7.6	165.4	53.65	156.4	51.24	146.7	48.66	141.9	46.36	136.9	44.16	128.3	41.60
	-5.0	-5.6	165.4	51.03	156.4	48.65	146.7	46.23	141.9	44.08	136.9	42.01	128.3	39.52
	-3.0	-3.7	165.4	48.44	156.4	46.06	146.7	43.80	141.9	41.80	136.9	39.85	128.3	37.44
	0.0	-0.7	165.4	44.50	156.4	42.17	146.7	40.13	141.9	38.37	136.9	36.65	128.3	34.35
	3.0	2.2	165.4	40.60	156.4	38.31	146.7	36.47	141.9	34.94	136.9	33.41	128.3	31.23
	5.0	4.1	161.9	34.39	153.3	32.33	143.9	30.76	138.9	29.53	134.2	28.28	125.6	26.37
	7.0	6	157.9	31.49	149.4	29.51	140.0	28.13	135.4	27.03	130.7	25.93	122.4	24.10
	9.0	7.9	152.1	26.85	143.9	25.14	135.0	23.97	130.6	23.02	126.0	22.11	117.8	20.55
	11.0	9.8	143.9	23.67	136.1	22.16	127.6	21.14	123.3	20.31	119.3	19.49	111.5	18.13
	13.0	11.8	135.0	20.62	127.9	19.31	119.8	18.41	115.8	17.70	111.9	16.95	104.6	15.79
	15.0	13.7	127.9	18.40	120.9	17.25	113.5	16.28	109.6	15.65	105.7	14.99	99.1	14.10
50	-24.8	-25	138.0	59.88	130.2	60.50	122.4	57.33	118.5	54.35	114.3	51.53	106.5	48.91
	-21.8	-22	138.0	60.50	130.2	57.33	122.4	54.35	118.5	51.53	114.3	48.91	106.5	46.37
	-19.8	-20	138.0	58.29	130.2	55.20	122.4	52.35	118.5	49.64	114.3	47.14	106.5	44.67
	-18.8	-19	138.0	57.17	130.2	54.12	122.4	51.38	118.5	48.72	114.3	46.29	106.5	43.86
	-16.7	-17	138.0	54.85	130.2	51.92	122.4	49.29	118.5	46.72	114.3	44.44	106.5	42.08
	-13.7	-15	138.0	51.52	130.2	48.71	122.4	46.29	118.5	43.90	114.3	41.81	106.5	39.54
	-11.8	-13	138.0	49.40	130.2	46.70	122.4	44.42	118.5	42.12	114.3	40.15	106.5	37.96
	-9.8	-11	138.0	47.19	130.2	44.58	122.4	42.42	118.5	40.23	114.3	38.38	106.5	36.26
	-9.5	-10	138.0	46.85	130.2	44.27	122.4	42.11	118.5	39.96	114.3	38.14	106.5	36.00
	-8.5	-9.1	138.0	45.76	130.2	43.19	122.4	41.14	118.5	39.03	114.3	37.26	106.5	35.15
	-7.0	-7.6	138.0	44.07	130.2	41.60	122.4	39.64	118.5	37.60	114.3	35.95	106.5	33.91
	-5.0	-5.6	138.0	41.86	130.2	39.48	122.4	37.67	118.5	35.75	114.3	34.21	106.5	32.22
	-3.0	-3.7	138.0	39.65	130.2	37.35	122.4	35.66	118.5	33.86	114.3	32.44	106.5	30.52
	0.0	-0.7	138.0	36.33	130.2	34.15	122.4	32.69	118.5	31.04	114.3	29.81	106.5	28.01
	3.0	2.2	138.0	32.97	130.2	30.98	122.4	29.71	118.5	28.22	114.3	27.19	106.5	25.47
	5.0	4.1	135.3	27.83	127.5	26.10	119.8	25.07	115.9	23.81	112.3	23.01	104.5	21.52
	7.0	6	131.8	25.40	124.4	23.79	116.6	22.91	113.1	21.77	109.2	21.09	101.8	19.67
	9.0	7.9	126.8	21.88	119.7	20.48	112.4	19.72	108.8	18.74	105.3	18.17	98.2	16.95
	11.0	9.8	120.5	19.52	113.9	18.28	106.9	17.60	103.0	16.73	99.5	16.21	92.8	15.11
	13.0	11.8	112.7	16.80	106.4	15.75	99.9	15.16	96.7	14.48	93.6	13.96	87.0	13.10
	15.0	13.7	106.5	15.06	100.6	14.10	94.4	13.58	91.6	12.91	88.5	12.50	82.3	11.65

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM800LTE5

Heating Capacity (80HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	158.0	84.88	158.0	85.16	156.8	85.40	156.8	85.76	156.8	86.12	154.0	86.64
	-21.8	-22	192.0	85.44	192.0	85.72	190.8	85.96	190.8	86.32	190.8	86.64	187.2	87.20
	-19.8	-20	202.8	85.80	202.8	86.08	201.2	86.32	201.2	86.68	201.2	87.00	197.6	87.56
	-18.8	-19	206.8	85.96	206.8	86.24	205.6	86.48	205.6	86.84	205.6	87.20	201.6	87.72
	-16.7	-17	216.0	86.36	216.0	86.64	214.8	86.88	214.8	87.24	214.8	87.56	210.8	88.12
	-13.7	-15	229.2	86.92	229.2	87.16	228.0	87.40	228.0	87.76	228.0	88.12	223.6	84.92
	-11.8	-13	236.8	87.24	236.8	87.52	235.2	87.76	235.2	88.12	235.2	85.96	231.6	82.88
	-9.8	-11	244.4	87.60	244.4	87.88	243.2	88.12	243.2	85.84	243.2	83.72	240.0	80.76
	-9.5	-10	246.0	87.68	246.0	87.92	244.4	87.76	244.4	85.52	244.4	83.36	241.2	80.44
	-8.5	-9.1	250.8	87.84	250.8	88.12	249.2	86.60	249.2	84.36	248.0	82.24	245.6	79.36
	-7.0	-7.6	258.0	88.12	258.0	86.44	256.4	84.88	256.4	82.64	256.4	80.56	252.0	77.76
	-5.0	-5.6	267.2	85.96	267.2	84.20	265.6	82.60	265.6	80.40	265.6	78.32	260.4	75.64
	-3.0	-3.7	276.8	83.84	276.8	81.96	275.2	80.28	275.2	78.12	275.2	76.04	268.8	73.48
	0.0	-0.7	290.8	80.64	290.8	78.64	289.2	76.80	289.2	74.72	289.2	72.68	281.6	70.28
	3.0	2.2	305.2	77.44	305.2	75.28	303.2	73.36	303.2	71.28	303.2	69.28	284.4	67.08
	5.0	4.1	308.8	68.40	308.4	66.24	306.4	64.40	306.4	62.44	299.6	60.60	278.8	58.64
	7.0	6	310.0	65.12	309.6	63.00	307.6	61.20	302.4	59.40	292.0	57.64	271.6	55.92
	9.0	7.9	300.4	60.76	299.6	58.80	298.8	57.12	291.2	55.44	281.2	53.80	261.6	52.20
	11.0	9.8	284.0	57.20	283.2	55.36	282.4	53.72	275.6	52.16	266.0	50.60	247.6	49.12
	13.0	11.8	266.8	52.80	266.0	51.08	265.2	49.60	258.8	48.16	249.6	46.72	232.4	45.32
	15.0	13.7	252.4	49.16	251.6	47.56	250.8	46.20	244.8	44.84	236.4	43.52	220.0	42.20
120	-24.8	-25	156.8	85.16	156.8	85.40	155.6	85.76	155.6	86.12	155.6	86.64	152.8	87.04
	-21.8	-22	190.8	85.72	190.8	85.96	189.6	86.32	189.6	86.64	189.6	87.20	186.0	87.56
	-19.8	-20	201.2	86.08	201.2	86.32	200.0	86.68	200.0	87.00	200.0	87.56	196.0	87.92
	-18.8	-19	205.6	86.24	205.6	86.48	204.4	86.84	204.4	87.20	204.4	87.72	200.4	88.12
	-16.7	-17	214.8	86.64	214.8	86.88	213.2	87.24	213.2	87.56	213.2	88.12	209.2	86.04
	-13.7	-15	227.6	87.16	227.6	87.40	226.4	87.76	226.4	88.12	226.4	85.04	222.0	83.12
	-11.8	-13	235.2	87.52	235.2	87.76	233.6	88.12	233.6	85.96	233.6	83.12	230.0	81.24
	-9.8	-11	242.8	87.88	242.8	88.12	241.2	85.76	241.2	83.68	241.2	81.08	238.4	79.28
	-9.5	-10	244.4	87.92	244.4	87.76	242.8	85.40	242.8	83.32	242.8	80.76	239.6	79.00
	-8.5	-9.1	248.8	88.12	248.8	86.48	247.6	84.20	247.6	82.20	247.6	79.76	244.0	78.00
	-7.0	-7.6	256.0	86.28	256.0	84.60	254.4	82.44	254.4	80.48	254.4	78.24	250.0	76.52
	-5.0	-5.6	265.6	83.80	265.6	82.12	263.6	80.04	263.6	78.20	263.6	76.20	258.8	74.56
	-3.0	-3.7	274.8	81.32	274.8	79.64	273.2	77.68	273.2	75.92	273.2	74.16	267.2	72.60
	0.0	-0.7	288.8	77.64	288.8	75.88	287.2	74.12	287.2	72.52	287.2	71.08	267.2	69.68
	3.0	2.2	303.2	73.92	303.2	72.12	301.2	70.56	296.8	69.12	287.6	68.04	267.2	66.72
	5.0	4.1	307.2	64.84	306.0	63.12	300.8	61.72	290.8	60.40	282.0	59.56	262.0	58.40
	7.0	6	308.4	61.40	305.2	59.76	293.2	58.56	283.6	57.44	274.8	56.92	255.2	55.88
	9.0	7.9	298.0	57.16	294.0	55.60	282.4	54.52	273.2	53.48	264.8	52.96	245.6	52.00
	11.0	9.8	282.0	53.60	278.0	52.12	267.2	51.12	258.4	50.12	250.4	49.68	232.4	48.76
	13.0	11.8	264.8	49.28	261.2	47.96	250.8	47.00	242.4	46.12	235.2	45.68	218.4	44.88
	15.0	13.7	250.4	45.68	247.2	44.44	237.2	43.60	229.6	42.76	222.4	42.36	206.4	41.60
110	-24.8	-25	156.0	85.40	156.0	85.76	154.8	86.12	154.8	86.64	154.8	87.04	152.0	87.20
	-21.8	-22	189.6	85.96	189.6	86.32	188.4	86.64	188.4	87.20	188.4	87.56	184.8	87.76
	-19.8	-20	200.0	86.32	200.0	86.68	198.8	87.00	198.8	87.56	198.8	87.92	194.8	88.12
	-18.8	-19	204.4	86.48	204.4	86.84	203.2	87.20	203.2	87.72	203.2	88.12	199.2	87.00
	-16.7	-17	213.6	86.88	213.6	87.24	212.0	87.56	212.0	88.12	212.0	85.88	208.0	84.72
	-13.7	-15	226.4	87.40	226.4	87.76	224.8	88.12	224.8	84.72	224.8	82.68	224.8	81.40
	-11.8	-13	233.6	87.76	233.6	88.12	232.4	85.72	232.4	82.60	232.4	80.64	232.4	79.32
	-9.8	-11	241.6	88.12	241.6	85.44	240.0	83.20	240.0	80.32	240.0	78.52	238.4	77.12
	-9.5	-10	242.8	87.68	242.8	85.00	241.6	82.84	241.6	80.00	241.6	78.20	240.4	76.80
	-8.5	-9.1	247.6	86.24	247.6	83.68	246.0	81.60	246.0	78.84	246.0	77.12	240.4	75.72
	-7.0	-7.6	254.8	84.04	254.8	81.64	253.2	79.68	253.2	77.16	253.2	75.52	240.4	74.08
	-5.0	-5.6	264.0	81.16	264.0	78.96	262.4	77.20	262.4	74.92	257.6	73.40	240.4	71.88
	-3.0	-3.7	273.2	78.28	273.2	76.28	271.6	74.68	266.4	72.64	257.6	71.24	240.4	69.68
	0.0	-0.7	287.2	73.92	287.2	72.24	275.6	70.92	266.4	69.24	257.6	68.04	240.4	66.36
	3.0	2.2	301.2	69.56	293.6	68.20	275.6	67.12	266.4	65.88	257.6	64.84	240.4	63.08
	5.0	4.1	304.4	60.48	287.6	59.32	270.0	58.44	261.2	57.44	252.4	56.56	235.6	54.92
	7.0	6	296.8	56.76	280.4	55.92	263.2	55.28	254.4	54.60	246.0	53.92	229.6	52.24
	9.0	7.9	285.6	52.56	270.0	51.76	253.6	51.16	245.2	50.56	236.8	49.92	221.2	48.36
	11.0	9.8	270.4	48.96	255.6	48.24	239.6	47.72	232.0	47.12	224.0	46.52	209.2	45.08
	13.0	11.8	253.6	44.76	240.0	44.08	225.2	43.56	217.6	43.04	210.4	42.48	196.4	41.20
	15.0	13.7	240.0	41.16	226.8	40.52	213.2	40.08	206.0	39.60	199.2	39.08	186.0	37.88

7. Capacity Tables

Heating Capacity (80HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	155.2	93.40	155.2	92.72	154.4	85.40	154.4	90.96	154.4	90.24	151.2	89.88
	-21.8	-22	188.8	92.36	188.8	91.64	187.6	88.08	187.6	89.92	187.6	90.28	184.0	88.84
	-19.8	-20	199.2	91.64	199.2	90.92	198.0	89.72	198.0	89.20	198.0	88.84	194.0	88.12
	-18.8	-19	203.6	91.28	202.4	90.60	202.4	89.92	202.4	88.84	202.4	88.12	198.4	86.76
	-16.7	-17	211.2	90.56	211.2	89.84	211.2	90.28	210.0	88.12	210.0	85.32	206.0	83.92
	-13.7	-15	225.2	89.48	225.2	88.80	224.0	88.12	224.0	84.08	224.0	81.32	219.6	79.84
	-11.8	-13	232.4	88.84	231.2	88.12	231.2	85.44	231.2	81.52	231.2	78.80	219.6	77.24
	-9.8	-11	240.4	88.12	240.4	85.12	239.2	82.60	239.2	78.84	236.0	76.12	219.6	74.52
	-9.5	-10	241.6	87.64	241.6	84.64	240.4	82.16	240.4	78.44	236.0	75.76	219.6	74.12
	-8.5	-9.1	246.4	86.08	246.4	83.16	245.2	80.76	244.0	77.08	236.0	74.40	219.6	72.76
	-7.0	-7.6	257.6	83.72	256.4	80.88	252.0	78.60	244.0	75.04	236.0	72.40	219.6	70.72
	-5.0	-5.6	268.8	80.56	266.0	77.88	252.0	75.76	244.0	72.36	236.0	69.76	219.6	68.04
	-3.0	-3.7	276.4	77.44	268.0	74.88	252.0	72.96	244.0	69.68	236.0	67.08	219.6	65.32
	0.0	-0.7	284.4	72.72	268.0	70.36	252.0	68.68	244.0	65.64	236.0	63.08	219.6	61.24
	3.0	2.2	284.4	68.00	268.0	65.84	252.0	64.44	244.0	61.60	236.0	59.12	219.6	57.16
	5.0	4.1	278.4	58.88	262.8	56.92	246.8	55.76	239.2	53.24	231.2	51.00	215.2	49.16
	7.0	6	271.6	54.96	256.0	53.24	240.8	52.28	232.8	50.04	225.2	47.88	210.0	46.04
	9.0	7.9	261.6	50.64	246.8	49.04	232.0	48.20	224.4	46.08	217.2	44.12	202.0	42.40
	11.0	9.8	247.2	46.92	233.2	45.44	219.2	44.68	212.4	42.72	205.2	40.88	191.2	39.32
	13.0	11.8	232.4	42.60	219.2	41.28	206.0	40.56	199.2	38.80	192.8	37.12	179.6	35.68
	15.0	13.7	219.6	38.92	207.2	37.68	194.8	37.04	188.4	35.44	182.4	33.88	170.0	32.60
90	-24.8	-25	154.8	83.60	154.8	84.12	153.6	84.52	153.6	84.68	153.6	85.08	150.8	85.60
	-21.8	-22	188.0	84.12	188.0	84.68	186.8	85.08	186.8	85.24	186.8	85.60	183.2	81.96
	-19.8	-20	198.4	84.52	198.4	85.04	197.2	85.44	197.2	85.60	197.2	83.12	193.6	79.56
	-18.8	-19	203.6	84.68	202.4	85.24	201.6	85.60	201.6	84.32	201.6	81.88	197.6	78.32
	-16.7	-17	211.2	85.08	211.2	85.60	210.4	82.96	210.4	81.64	210.4	79.28	200.8	75.76
	-13.7	-15	225.2	85.60	225.2	81.68	223.2	79.20	223.2	77.84	216.4	75.56	200.8	72.16
	-11.8	-13	232.4	82.92	231.2	79.20	230.4	76.80	223.6	75.40	216.4	73.20	200.8	69.84
	-9.8	-11	240.4	80.12	240.4	76.60	230.4	74.32	223.6	72.84	216.4	70.72	200.8	67.40
	-9.5	-10	241.6	79.68	241.6	76.20	230.4	73.92	223.6	72.44	216.4	70.36	200.8	67.04
	-8.5	-9.1	246.4	78.28	244.4	74.92	230.4	72.68	223.6	71.20	216.4	69.12	200.8	65.84
	-7.0	-7.6	257.6	76.16	244.8	72.96	230.4	70.80	223.6	69.28	216.4	67.24	200.8	64.00
	-5.0	-5.6	260.4	73.32	244.8	70.36	230.4	68.28	223.6	66.72	216.4	64.76	200.8	61.60
	-3.0	-3.7	260.4	70.52	244.8	67.72	230.4	65.76	223.6	64.16	216.4	62.28	200.8	59.16
	0.0	-0.7	260.4	66.28	244.8	63.80	230.4	62.00	223.6	60.32	216.4	58.56	200.8	55.52
	3.0	2.2	260.4	62.08	244.8	59.92	230.4	58.24	223.6	56.52	216.4	54.84	200.8	51.88
	5.0	4.1	255.2	53.64	240.0	51.80	226.0	50.32	218.8	48.72	212.0	47.24	196.8	44.60
	7.0	6	248.4	50.20	234.0	48.68	220.0	47.36	213.2	45.76	206.4	44.40	192.0	41.84
	9.0	7.9	239.6	46.28	225.2	44.84	212.0	43.64	205.6	42.16	198.8	40.88	184.8	38.56
	11.0	9.8	226.4	42.48	213.2	41.16	200.4	40.04	194.4	38.68	188.0	37.52	174.8	35.40
	13.0	11.8	212.8	37.76	200.0	36.60	188.4	35.64	182.4	34.40	176.8	33.40	164.0	31.48
	15.0	13.7	201.2	34.12	189.2	33.08	178.4	32.20	172.8	31.08	167.2	30.16	155.2	28.44
80	-24.8	-25	154.0	73.88	154.0	74.44	153.2	74.84	153.2	75.00	153.2	75.92	150.0	72.72
	-21.8	-22	186.0	74.44	186.0	75.00	186.0	75.36	186.0	75.92	186.0	72.72	179.6	69.64
	-19.8	-20	196.4	74.80	196.4	75.36	196.4	75.92	196.4	73.64	192.8	70.56	179.6	67.56
	-18.8	-19	200.8	75.00	200.8	75.92	200.8	74.76	200.0	72.52	192.8	69.52	179.6	66.56
	-16.7	-17	206.4	75.92	206.4	73.52	206.4	72.36	200.0	70.16	192.8	67.28	179.6	64.40
	-13.7	-15	215.6	72.40	211.6	70.12	206.4	68.92	200.0	66.76	192.8	64.08	179.6	61.32
	-11.8	-13	221.2	70.16	214.8	67.96	206.4	66.76	200.0	64.64	192.8	62.04	179.6	59.36
	-9.8	-11	227.2	67.80	217.6	65.72	206.4	64.48	200.0	62.36	192.8	59.92	179.6	57.32
	-9.5	-10	228.8	67.44	218.8	65.36	206.4	64.12	200.0	62.04	192.8	59.60	179.6	57.00
	-8.5	-9.1	230.8	66.28	219.6	64.24	206.4	63.00	200.0	60.88	192.8	58.52	179.6	56.00
	-7.0	-7.6	233.2	64.52	219.6	62.52	206.4	61.28	200.0	59.20	192.8	56.92	179.6	54.44
	-5.0	-5.6	233.2	62.16	219.6	60.28	206.4	59.00	200.0	56.96	192.8	54.76	179.6	52.40
	-3.0	-3.7	233.2	59.80	219.6	58.00	206.4	56.72	200.0	54.68	192.8	52.64	179.6	50.32
	0.0	-0.7	233.2	56.28	219.6	54.60	206.4	53.28	200.0	51.32	192.8	49.44	179.6	47.24
	3.0	2.2	233.2	52.76	219.6	51.20	206.4	49.84	200.0	47.92	192.8	46.24	179.6	44.20
	5.0	4.1	228.4	45.56	215.2	44.20	202.0	42.96	196.0	41.20	188.8	39.80	176.0	38.00
	7.0	6	222.4	42.76	209.6	41.52	196.8	40.32	191.2	38.64	184.0	37.36	171.2	35.68
	9.0	7.9	214.4	38.40	202.0	37.28	189.6	36.36	184.0	34.96	177.6	33.72	165.2	32.12
	11.0	9.8	202.8	34.12	191.2	33.16	179.6	32.36	174.0	31.08	167.6	30.00	156.0	28.56
	13.0	11.8	190.4	29.68	179.6	28.84	168.4	28.12	163.6	27.04	157.6	26.08	146.8	24.84
	15.0	13.7	180.0	26.80	170.0	26.04	159.6	25.40	154.8	24.40	149.2	23.52	138.8	22.40

7. Capacity Tables

Heating Capacity (80HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	154.0	73.04	154.0	73.24	153.2	73.60	153.2	74.12	153.2	70.64	150.0	67.36
	-21.8	-22	176.8	73.60	176.8	73.76	175.6	74.12	169.6	70.64	164.4	67.36	153.6	64.20
	-19.8	-20	192.0	73.96	186.8	74.12	175.6	71.68	169.6	68.32	164.4	65.20	153.6	62.08
	-18.8	-19	197.6	74.12	186.8	72.88	175.6	70.44	169.6	67.12	164.4	64.08	153.6	61.04
	-16.7	-17	197.6	71.52	186.8	70.20	175.6	67.88	169.6	64.68	164.4	61.80	153.6	58.80
	-13.7	-15	197.6	67.76	186.8	66.40	175.6	64.20	169.6	61.20	164.4	58.52	153.6	55.64
	-11.8	-13	197.6	65.36	186.8	64.00	175.6	61.88	169.6	58.96	164.4	56.44	153.6	53.64
	-9.8	-11	197.6	62.88	186.8	61.44	175.6	59.40	169.6	56.64	164.4	54.28	153.6	51.52
	-9.5	-10	197.6	62.48	186.8	61.08	175.6	59.04	169.6	56.28	164.4	53.96	153.6	51.20
	-8.5	-9.1	197.6	61.24	186.8	59.80	175.6	57.84	169.6	55.12	164.4	52.84	153.6	50.16
	-7.0	-7.6	197.6	59.36	186.8	57.92	175.6	56.00	169.6	53.40	164.4	51.20	153.6	48.56
	-5.0	-5.6	197.6	56.88	186.8	55.36	175.6	53.52	169.6	51.04	164.4	49.04	153.6	46.48
	-3.0	-3.7	197.6	54.36	186.8	52.84	175.6	51.08	169.6	48.72	164.4	46.84	153.6	44.36
	0.0	-0.7	197.6	50.60	186.8	49.04	175.6	47.40	169.6	45.24	164.4	43.56	153.6	41.20
	3.0	2.2	197.6	46.84	186.8	45.24	175.6	43.72	169.6	41.72	164.4	40.32	153.6	38.00
	5.0	4.1	197.6	41.00	182.8	38.60	172.0	37.28	166.0	35.56	161.2	34.44	150.4	32.44
	7.0	6	198.0	39.12	178.4	35.76	167.6	34.56	162.0	33.00	157.2	32.00	146.8	30.08
	9.0	7.9	190.8	33.88	171.6	30.96	161.6	29.92	156.0	28.56	151.2	27.72	141.2	26.04
	11.0	9.8	180.4	30.08	162.4	27.48	152.8	26.56	147.6	25.36	143.2	24.60	133.6	23.12
	13.0	11.8	169.2	26.40	152.4	24.12	143.6	23.32	138.4	22.24	134.4	21.60	125.6	20.28
	15.0	13.7	160.0	23.52	144.4	21.52	135.6	20.80	131.2	19.84	127.2	19.24	118.8	18.12
60	-24.8	-25	151.6	72.40	151.6	72.76	150.4	73.32	145.6	69.52	140.4	65.96	131.6	62.64
	-21.8	-22	162.4	72.96	160.4	73.32	150.4	69.52	145.6	65.96	140.4	62.64	131.6	59.40
	-19.8	-20	169.6	73.32	160.4	70.64	150.4	67.00	145.6	63.60	140.4	60.40	131.6	57.24
	-18.8	-19	169.6	71.96	160.4	69.32	150.4	65.76	145.6	62.44	140.4	59.28	131.6	56.16
	-16.7	-17	169.6	69.12	160.4	66.48	150.4	63.08	145.6	59.92	140.4	56.96	131.6	53.92
	-13.7	-15	169.6	65.08	160.4	62.48	150.4	59.28	145.6	56.40	140.4	53.60	131.6	50.68
	-11.8	-13	169.6	62.52	160.4	59.92	150.4	56.88	145.6	54.12	140.4	51.48	131.6	48.64
	-9.8	-11	169.6	59.80	160.4	57.24	150.4	54.36	145.6	51.76	140.4	49.28	131.6	46.48
	-9.5	-10	169.6	59.40	160.4	56.84	150.4	54.00	145.6	51.40	140.4	48.92	131.6	46.16
	-8.5	-9.1	169.6	58.04	160.4	55.52	150.4	52.72	145.6	50.24	140.4	47.84	131.6	45.08
	-7.0	-7.6	169.6	56.04	160.4	53.52	150.4	50.84	145.6	48.44	140.4	46.16	131.6	43.48
	-5.0	-5.6	169.6	53.32	160.4	50.84	150.4	48.32	145.6	46.08	140.4	43.92	131.6	41.32
	-3.0	-3.7	169.6	50.64	160.4	48.16	150.4	45.80	145.6	43.72	140.4	41.68	131.6	39.16
	0.0	-0.7	169.6	46.56	160.4	44.12	150.4	42.00	145.6	40.16	140.4	38.36	131.6	35.96
	3.0	2.2	169.6	42.52	160.4	40.12	150.4	38.20	145.6	36.60	140.4	35.00	131.6	32.72
	5.0	4.1	166.0	36.04	157.2	33.88	147.6	32.24	142.4	30.96	137.6	29.64	128.8	27.64
	7.0	6	162.0	33.04	153.2	30.96	143.6	29.52	138.8	28.36	134.0	27.20	125.6	25.28
	9.0	7.9	156.0	28.32	147.6	26.52	138.4	25.28	134.0	24.28	129.2	23.32	120.8	21.68
	11.0	9.8	147.6	25.12	139.6	23.52	130.8	22.44	126.4	21.56	122.4	20.68	114.4	19.24
	13.0	11.8	138.4	22.04	131.2	20.64	122.8	19.68	118.8	18.92	114.8	18.12	107.2	16.88
	15.0	13.7	131.2	19.84	124.0	18.60	116.4	17.56	112.4	16.88	108.4	16.16	101.6	15.20
50	-24.8	-25	141.6	62.48	133.6	63.00	125.6	59.72	121.6	56.64	117.2	53.72	109.2	51.00
	-21.8	-22	141.6	63.00	133.6	59.72	125.6	56.64	121.6	53.72	117.2	51.00	109.2	48.36
	-19.8	-20	141.6	60.72	133.6	57.52	125.6	54.56	121.6	51.76	117.2	49.16	109.2	46.60
	-18.8	-19	141.6	59.56	133.6	56.40	125.6	53.56	121.6	50.80	117.2	48.28	109.2	45.76
	-16.7	-17	141.6	57.16	133.6	54.12	125.6	51.40	121.6	48.72	117.2	46.36	109.2	43.92
	-13.7	-15	141.6	53.72	133.6	50.80	125.6	48.28	121.6	45.80	117.2	43.64	109.2	41.28
	-11.8	-13	141.6	51.52	133.6	48.72	125.6	46.36	121.6	43.96	117.2	41.92	109.2	39.64
	-9.8	-11	141.6	49.24	133.6	46.52	125.6	44.28	121.6	42.00	117.2	40.08	109.2	37.88
	-9.5	-10	141.6	48.88	133.6	46.20	125.6	43.96	121.6	41.72	117.2	39.84	109.2	37.60
	-8.5	-9.1	141.6	47.76	133.6	45.08	125.6	42.96	121.6	40.76	117.2	38.92	109.2	36.72
	-7.0	-7.6	141.6	46.00	133.6	43.44	125.6	41.40	121.6	39.28	117.2	37.56	109.2	35.44
	-5.0	-5.6	141.6	43.72	133.6	41.24	125.6	39.36	121.6	37.36	117.2	35.76	109.2	33.68
	-3.0	-3.7	141.6	41.44	133.6	39.04	125.6	37.28	121.6	35.40	117.2	33.92	109.2	31.92
	0.0	-0.7	141.6	38.00	133.6	35.72	125.6	34.20	121.6	32.48	117.2	31.20	109.2	29.32
	3.0	2.2	141.6	34.52	133.6	32.44	125.6	31.12	121.6	29.56	117.2	28.48	109.2	26.68
	5.0	4.1	138.8	29.16	130.8	27.36	122.8	26.28	118.8	24.96	115.2	24.12	107.2	22.56
	7.0	6	135.2	26.64	127.6	24.96	119.6	24.04	116.0	22.84	112.0	22.12	104.4	20.64
	9.0	7.9	130.0	23.08	122.8	21.60	115.2	20.80	111.6	19.76	108.0	19.16	100.8	17.88
	11.0	9.8	123.6	20.72	116.8	19.40	109.6	18.68	105.6	17.76	102.0	17.20	95.2	16.04
	13.0	11.8	115.6	17.96	109.2	16.84	102.4	16.20	99.2	15.48	96.0	14.92	89.2	14.00
	15.0	13.7	109.2	16.24	103.2	15.20	96.8	14.64	94.0	13.92	90.8	13.48	84.4	12.56

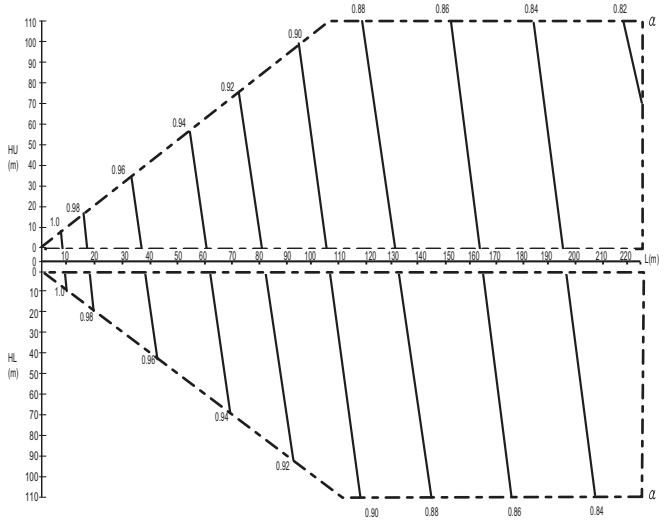
Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

8. Capacity Correction Factor

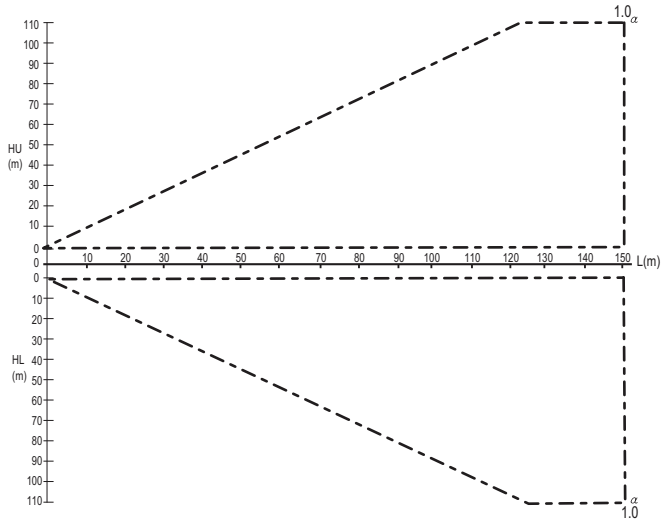
8.1 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34HP

◆ Rate of change in Cooling capacity



HU (m) \ L(m)	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	225
110	-	-	-	-	-	-	-	-	-	-	-	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.83	0.82
100	-	-	-	-	-	-	-	-	-	-	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.83	0.82
90	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.83	0.82
80	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.83	0.82
70	-	-	-	-	-	-	-	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.85	0.84	0.83	0.83	0.82
60	-	-	-	-	-	-	0.93	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.83	0.83	0.82
50	-	-	-	-	-	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.83	0.83	0.82
40	-	-	-	-	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83	0.82
30	-	-	-	0.96	0.95	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83	0.82
20	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83	0.82
10	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82
7.5	0.99	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.84	0.84	0.83
0	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	225
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82
7.5	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82
10	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82
20	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82
30	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.85	0.84	0.83	0.83
40	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.85	0.84	0.83	0.83
50	-	-	-	-	-	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.87	0.86	0.85	0.85	0.84	0.83	0.83
60	-	-	-	-	-	-	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83
70	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83
80	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83
90	-	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.87	0.86	0.86	0.85	0.84	0.84	0.83
100	-	-	-	-	-	-	-	-	-	-	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.87	0.86	0.86	0.85	0.84	0.84	0.83
110	-	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83

◆ Rate of change in Heating capacity



HU (m) \ L(m)	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
110	-	-	-	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0
100	-	-	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0
90	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
60	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
50	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
30	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
7.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
7.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
30	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
50	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
60	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
90	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
100	-	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0
110	-	-	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0

Symbols

HU : Level difference between indoor and outdoor units where outdoor unit in upper position (m)

HL : Level difference between indoor and outdoor units where outdoor unit in lower position (m)

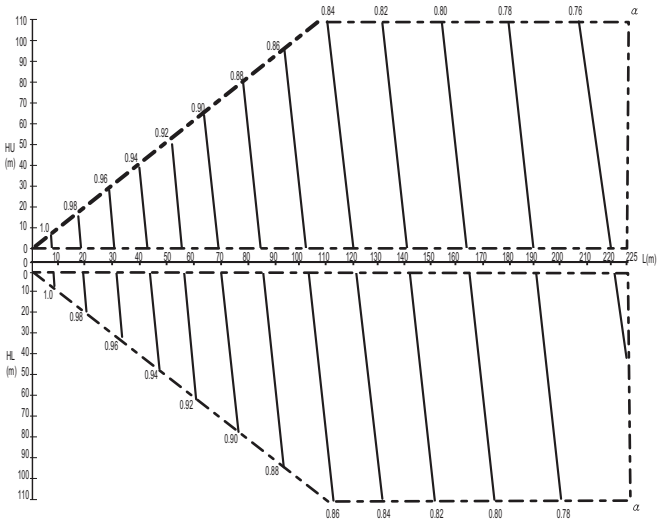
L : Equivalent pipe length (m)

α : Capacity correction factor

8. Capacity Correction Factor

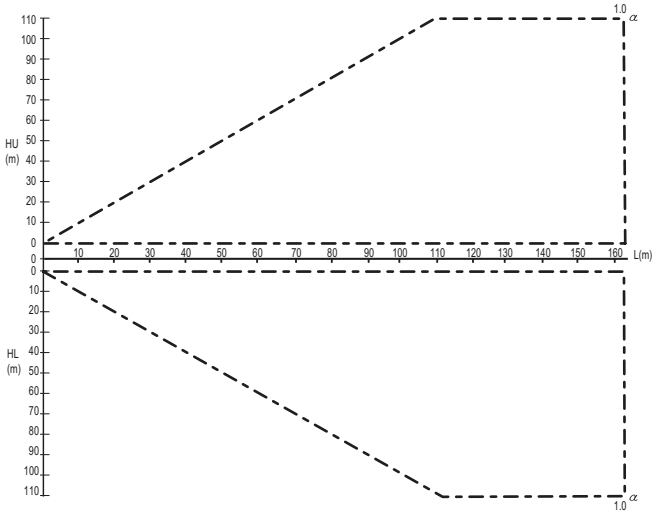
8.2 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60HP

◆ Rate of change in Cooling capacity



HU (m) \ L(m)	0	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	225
110	-	-	-	-	-	-	-	-	-	-	-	-	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75
100	-	-	-	-	-	-	-	-	-	-	-	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75
90	-	-	-	-	-	-	-	-	-	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.79	0.78	0.77	0.77	0.76	0.75
80	-	-	-	-	-	-	-	-	0.88	0.87	0.85	0.84	0.83	0.82	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.76	0.75
70	-	-	-	-	-	-	-	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.76	0.75
60	-	-	-	-	-	-	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.76	0.75
50	-	-	-	-	-	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.76	0.75
40	-	-	-	-	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.76	0.75
30	-	-	-	0.95	0.94	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.76	0.76
20	-	-	0.97	0.95	0.94	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.77	0.76	0.76
10	-	0.99	0.97	0.96	0.94	0.92	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.77	0.76	0.76
7.5	0.99	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.77	0.76	0.76
0	1.0	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.77	0.76	0.76
HL (m) \ L(m)	0	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	225
0	1.0	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.77	0.76	0.76
7.5	1.0	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.76
10	-	0.99	0.98	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.76
20	-	-	0.98	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.76
30	-	-	-	0.96	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.84	0.83	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.76
40	-	-	-	-	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.76
50	-	-	-	-	-	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.76
60	-	-	-	-	-	-	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.76
70	-	-	-	-	-	-	-	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.76
80	-	-	-	-	-	-	-	-	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.76
90	-	-	-	-	-	-	-	-	-	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.76	0.76
100	-	-	-	-	-	-	-	-	-	-	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.76	0.76
110	-	-	-	-	-	-	-	-	-	-	-	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.76	0.76

◆ Rate of change in Heating capacity



HU (m) \ L(m)	0	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
110	-	-	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0
100	-	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
90	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
60	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
50	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
30	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
7.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
HL (m) \ L(m)	0	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
7.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
30	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
50	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
60	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
90	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
100	-	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
110	-	-	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Symbols

HU : Level difference between indoor and outdoor units where outdoor unit in upper position (m)

HL : Level difference between indoor and outdoor units where outdoor unit in lower position (m)

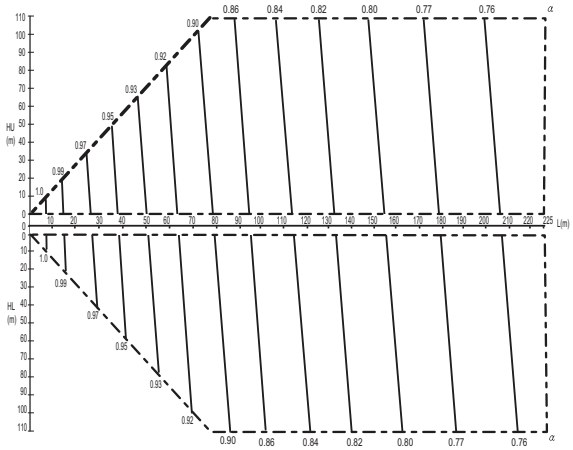
L : Equivalent pipe length (m)

α : Capacity correction factor

8. Capacity Correction Factor

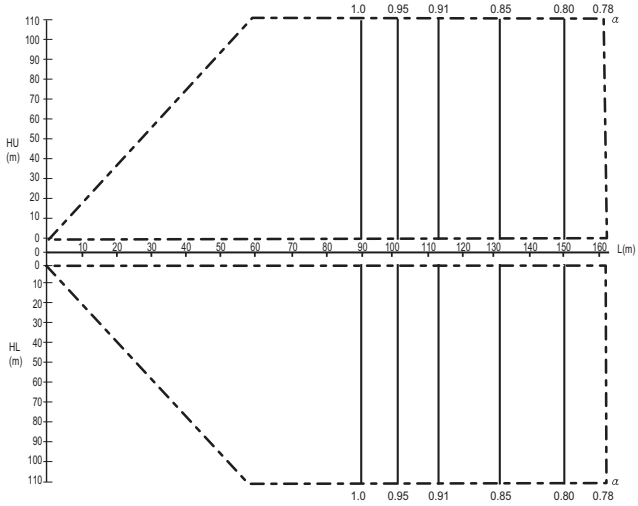
8.3 62, 64, 66, 68, 70, 72, 74, 76, 78, 80HP

◆ Rate of change in Cooling capacity



HU (m) \ L(m)	0	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	225
110	-	-	-	-	-	-	-	-	-	-	-	-	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75	0.74
100	-	-	-	-	-	-	-	-	-	-	-	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75	0.74
90	-	-	-	-	-	-	-	-	-	-	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75	0.74
80	-	-	-	-	-	-	-	-	-	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75	0.74
70	-	-	-	-	-	-	-	-	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.75	0.74
60	-	-	-	-	-	-	-	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.75	0.74
50	-	-	-	-	-	0.92	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.76	0.75	
40	-	-	-	-	0.93	0.92	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.76	0.75	
30	-	-	-	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.76	0.75	
20	-	-	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.76	0.76	0.75	
10	-	0.99	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.76	0.76	0.75	
7.5	1	0.99	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75	
0	1	0.99	0.97	0.96	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75	
0	1	0.99	0.97	0.96	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75	
7.5	1	0.99	0.97	0.96	0.94	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75	
10	-	0.99	0.97	0.96	0.94	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75	
20	-	-	0.98	0.96	0.94	0.93	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75	
30	-	-	-	0.96	0.94	0.93	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.75	
40	-	-	-	-	0.94	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.75	
50	-	-	-	-	-	0.93	0.92	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.75	
60	-	-	-	-	-	-	0.92	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.75	
70	-	-	-	-	-	-	-	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.75	
80	-	-	-	-	-	-	-	-	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.76	0.75	
90	-	-	-	-	-	-	-	-	-	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.76	0.75	
100	-	-	-	-	-	-	-	-	-	-	0.87	0.86	0.85	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.75	
110	-	-	-	-	-	-	-	-	-	-	-	0.86	0.85	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.75	

◆ Rate of change in Heating capacity



HU / HL (m) \ L(m)	0	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
110	-	-	-	-	-	-	-	-	-	-	-	-	0.91	0.87	0.85	0.82	0.80	0.78
100	-	-	-	-	-	-	-	-	-	-	-	0.95	0.91	0.87	0.85	0.82	0.80	0.78
90	-	-	-	-	-	-	-	-	-	-	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
80	-	-	-	-	-	-	-	-	-	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
70	-	-	-	-	-	-	-	-	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
60	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
50	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
40	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
30	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
20	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
10	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
7.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
7.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
10	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
20	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
30	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
40	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
50	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
60	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
70	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
80	-	-	-	-	-	-	-	-	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
90	-	-	-	-	-	-	-	-	-	-	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78
100	-	-	-	-	-	-	-	-	-	-	-	0.95	0.91	0.87	0.85	0.82	0.80	0.78
110	-	-	-	-	-	-	-	-	-	-	-	0.95	0.91	0.87	0.85	0.82	0.80	0.78

Symbols

HU : Level difference between indoor and outdoor units where outdoor unit in upper position (m)

HL : Level difference between indoor and outdoor units where outdoor unit in lower position (m)

L : Equivalent pipe length (m)

α : Capacity correction factor

8. Capacity Correction Factor

Note

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.
4. Method of calculating cooling / heating capacity : maximum cooling / heating capacity of outside units = cooling / heating capacity of outside units obtained from capacity table X capacity correction factor due to piping length to the farthest indoor unit
5. Equivalent piping length for Y Branch and other pipes can be calculated with following table.

mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow (m)	0.16	0.18	0.2	0.25	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.85
Y Branch (m)	0.5													
Header (m)	1													
HR Unit (m)	2.5													

6. When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
   - The equivalent length between outdoor unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
   - The level difference (Outdoor unit ↔ Indoor unit) is 50m or more (Only liquid pipe is increased)

   Refer to the table (Refrigerant pipe diameter from outdoor unit to first branch.) in the 'installation of outdoor units' part.
7. Read cooling / heating capacity rate of change in the above figures based on the following equivalent length. : overall equivalent length = (equivalent length of main pipe) X correction factor + (equivalent length after first branching)
   - **8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34HP**

Rate of change (object piping)	Correction factor	
	standard size	size increase
Cooling(Gas pipe)	1	0.5
Heating(Liquid pipe)	1	0.2

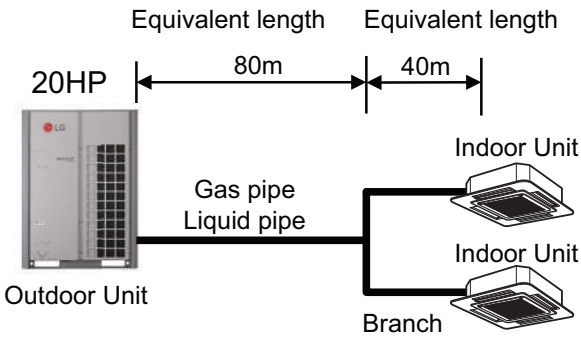
   - **36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60HP**

Rate of change (object piping)	Correction factor	
	standard size	size increase
Cooling(Gas pipe)	1	0.5
Heating(Liquid pipe)	1	0.4

   - **62, 64, 66, 68, 70, 72, 74, 76, 78, 80HP**

Rate of change (object piping)	Correction factor	
	standard size	size increase
Cooling(Gas pipe)	1	-
Heating(Liquid pipe)	1	0.4

8. Capacity Correction Factor



* (Cooling) Overall equivalent length =80 m x 0.5 + 40 m = 80 m
* (Heating) Overall equivalent length =80 m x 0.2 + 40 m = 56 m

The rate of change in
Cooling capacity when HU=0m is thus approximately 0.92
Heating capacity when HU=0m is thus approximately 1.00

8. Capacity Correction Factor

8.4 Defrosting Correction Factor for Heating Operation

The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.

The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

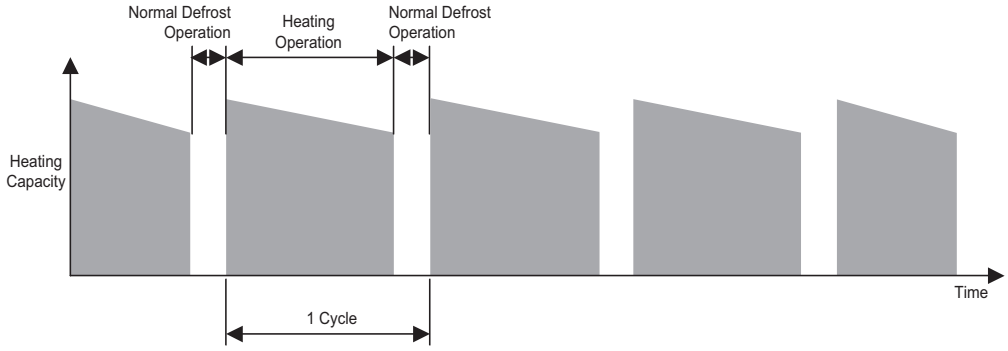
[Formula]

- Integrated Heating capacity = A
- Value given in table of capacity characteristics = B
- Integrated correction factor for frost accumulation = C
- A=B x C

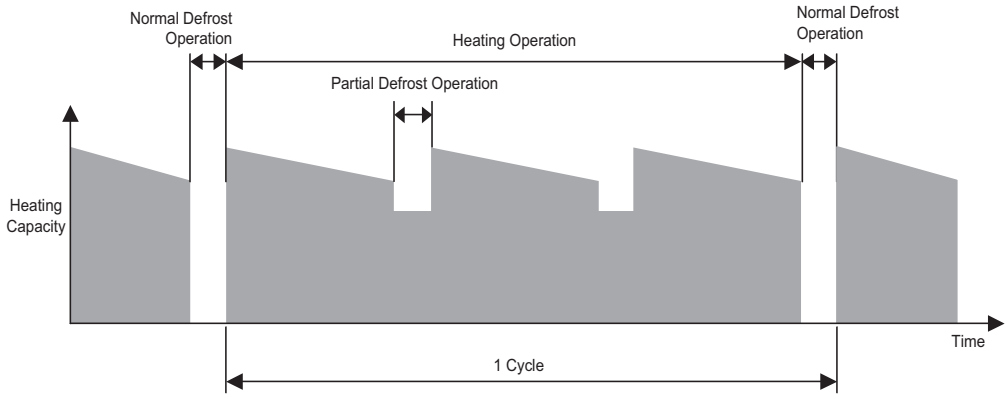
[Correction factor for finding integrated Heating capacity]

Inlet Port Temperature of Heat Exchange (℃,RH 85%)	-7	-5	-3	0	3	5	7
Integrated Correction Factor for Frost Accumulation (Normal Defrost Operation)	**0.92**	**0.90**	**0.86**	**0.84**	**0.85**	**0.90**	**1.0**
Integrated Correction Factor for Frost Accumulation (Partial Defrost Operation)	**0.92**	**0.90**	**0.86**	**0.90**	**0.93**	**0.95**	**1.0**
Integrated Correction Factor for Frost Accumulation (Normal Defrost Operation / Dual sensing)	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Integrated Correction Factor for Frost Accumulation (Partial Defrost Operation / Dual sensing)	0.92	0.90	0.86	0.91	0.94	0.95	1.0

◆ **Normal Defrost Operation**



◆ **Partial Defrost Operation**

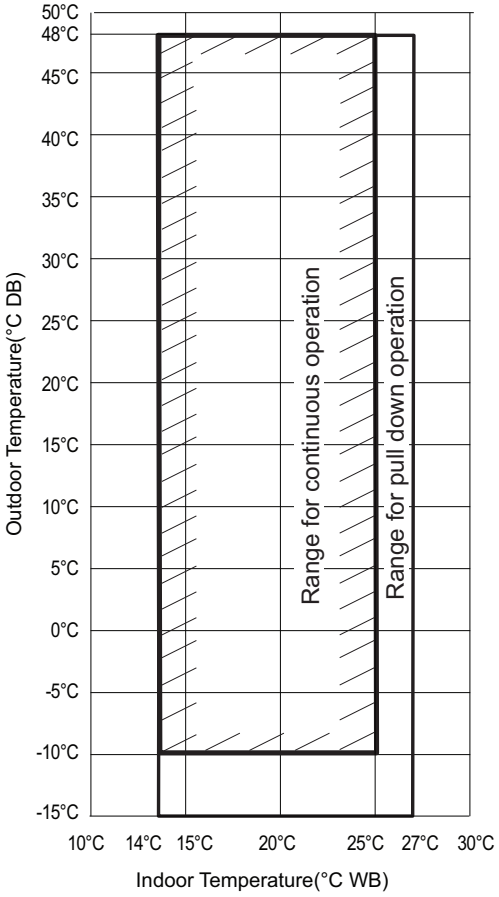


Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger. Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

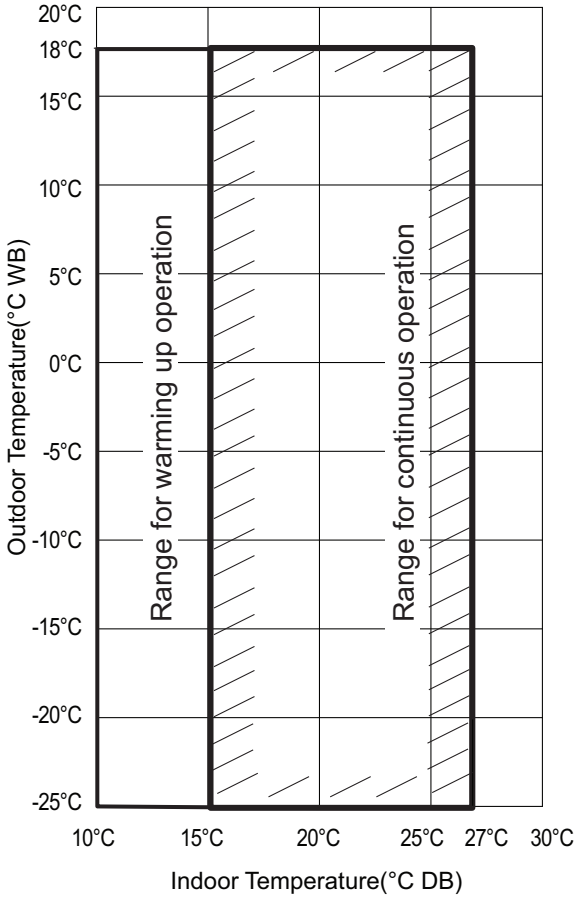
9. Operation Limits

■ Cooling / Heating Operation

Cooling



Heating

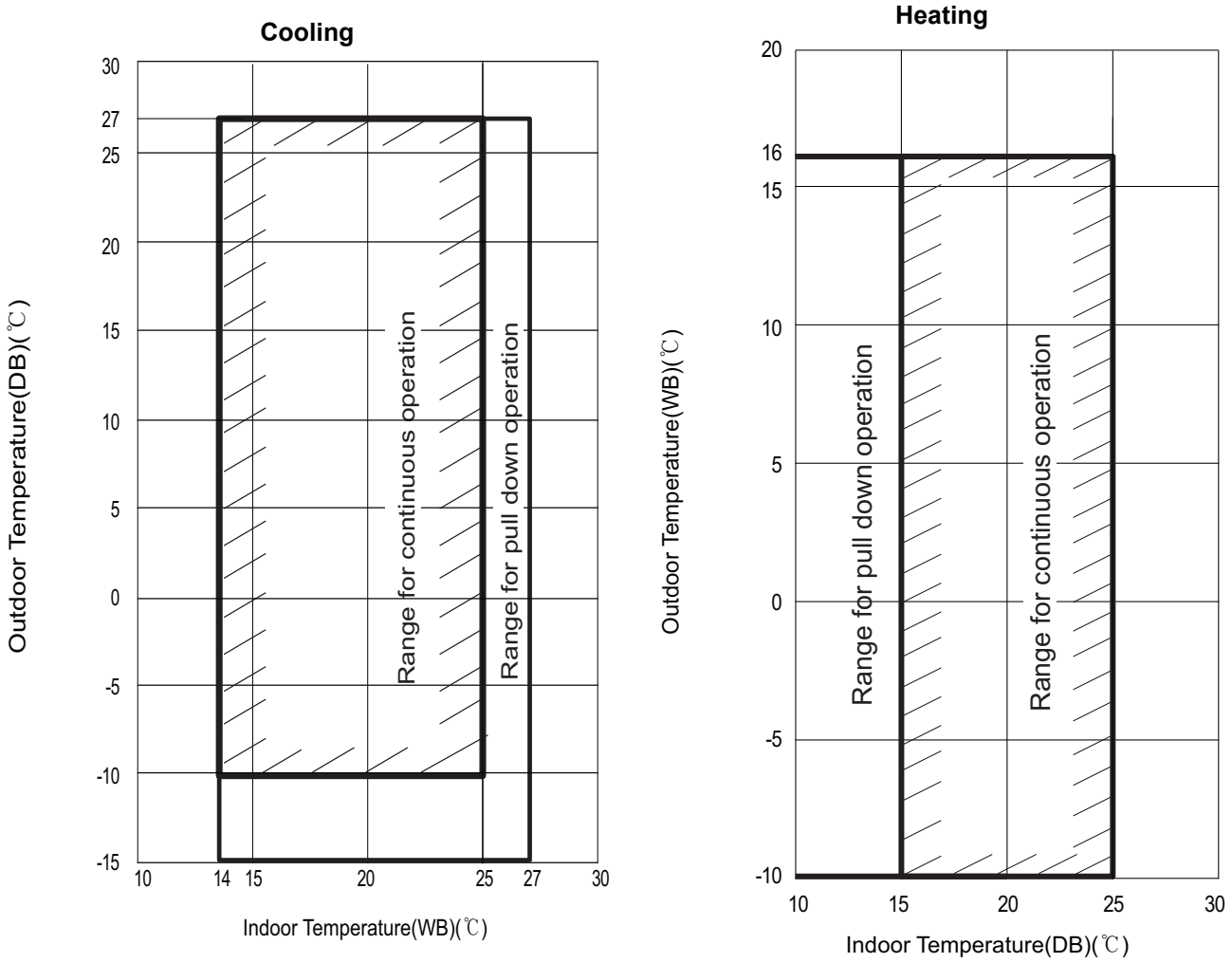


Note

1. These figures assume the following operating conditions:
   Equivalent piping length:7.5m
   Level difference:0m
2. Range of pull down operation:
   If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
3. Warming up operation means that the outdoor unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

9. Operation Limits

■ Simultaneous Cooling / Heating Operation

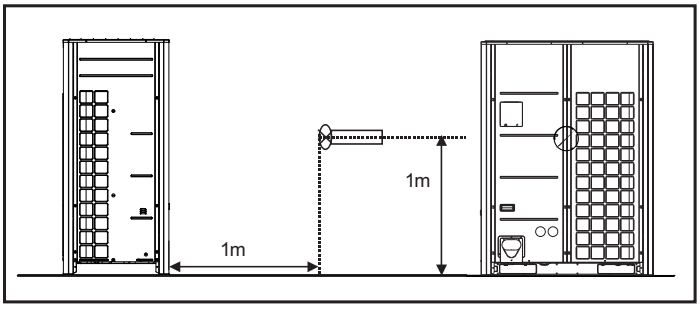


Note

1. These figures assume the following operating conditions:
   Equivalent piping length:7.5m
   Level difference:0m
2. Range of pull down operation:
   If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.

10. Sound Levels

10.1 Sound Pressure Level



Note

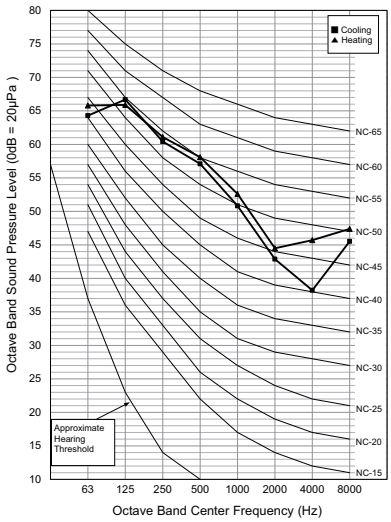
- Data is valid at free field condition
- Data is valid at nominal operating condition
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed
- Sound level can be increased in static pressure mode or air guide application.

Unit : dB(A)

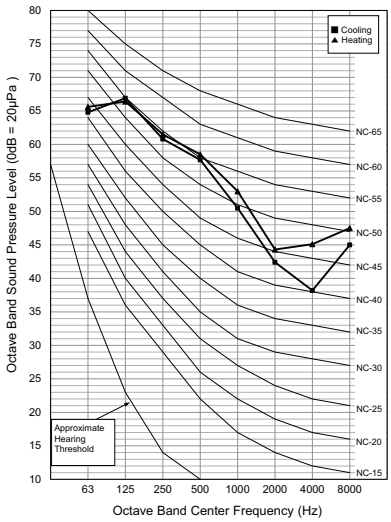
Model	Cooling	Heating
ARUM080LTE5	58.0	59.0
ARUM100LTE5	58.0	59.0
ARUM120LTE5	59.0	60.0
ARUM140LTE5	60.0	61.0
ARUM160LTE5	60.5	61.5
ARUM180LTE5	61.0	62.0
ARUM200LTE5	62.0	64.5
ARUM221LTE5	61.5	63.0
ARUM241LTE5	62.0	63.0
ARUM261LTE5	63.0	64.0
ARUM280LTE5	63.0	64.0
ARUM300LTE5	63.0	64.0
ARUM320LTE5	64.0	66.0
ARUM340LTE5	64.0	64.0
ARUM360LTE5	64.0	66.0
ARUM380LTE5	65.0	66.0
ARUM400LTE5	65.0	68.0
ARUM420LTE5	65.0	66.0
ARUM440LTE5	65.0	67.0
ARUM460LTE5	65.0	67.0
ARUM480LTE5	65.0	67.0
ARUM500LTE5	66.0	67.0
ARUM520LTE5	66.0	68.0
ARUM540LTE5	66.0	67.0
ARUM560LTE5	66.0	68.0
ARUM580LTE5	66.0	69.0
ARUM600LTE5	67.0	69.0
ARUM620LTE5	66.0	68.0
ARUM640LTE5	67.0	69.0
ARUM660LTE5	67.0	69.0
ARUM680LTE5	67.0	69.0
ARUM700LTE5	67.0	69.0
ARUM720LTE5	67.0	70.0
ARUM740LTE5	68.0	69.0
ARUM760LTE5	68.0	70.0
ARUM780LTE5	68.0	70.0
ARUM800LTE5	68.0	71.0

10. Sound Levels

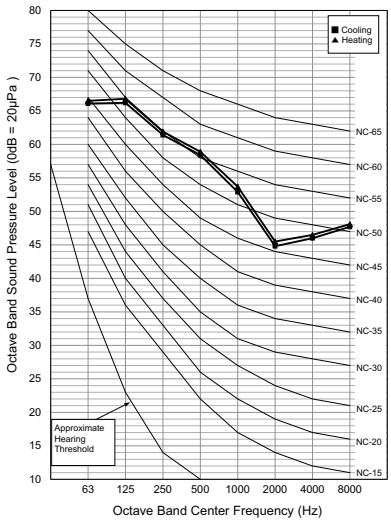
ARUM080LTE5



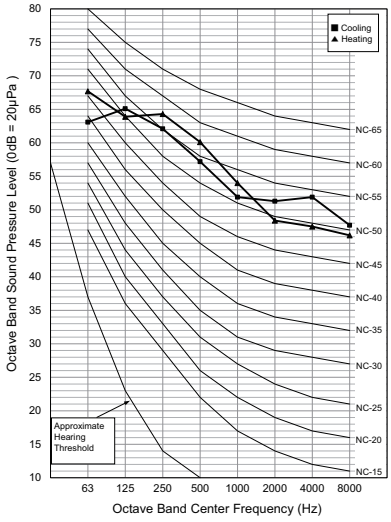
ARUM100LTE5



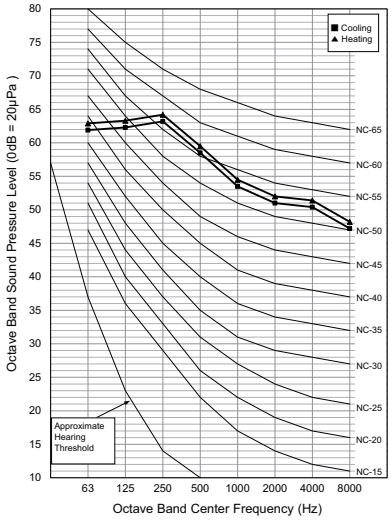
ARUM120LTE5



ARUM140LTE5



ARUM160LTE5



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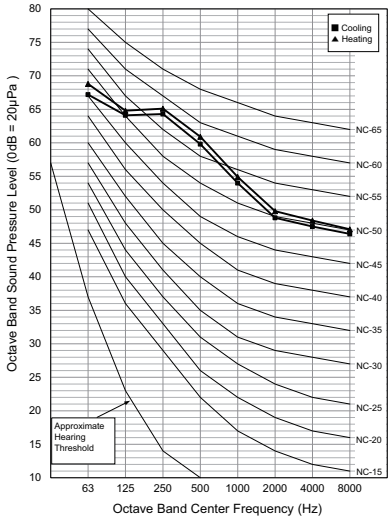

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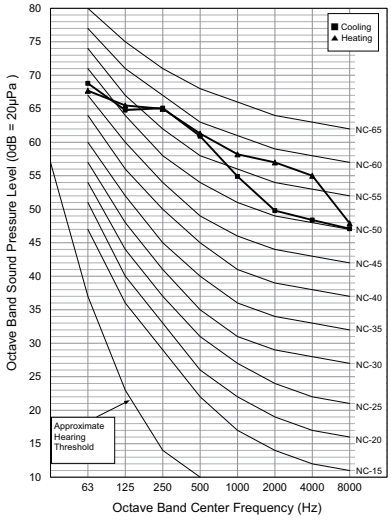
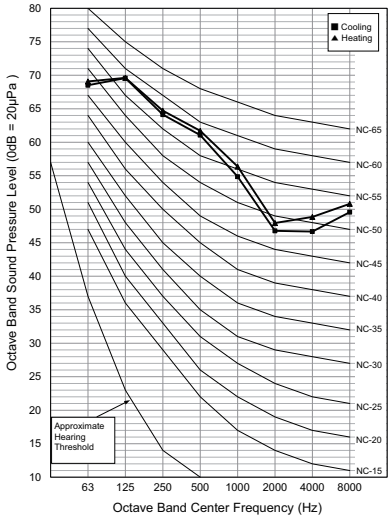
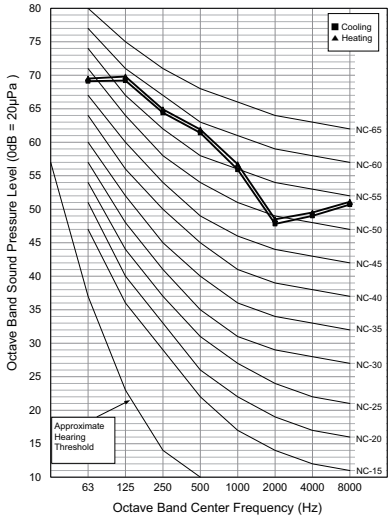


ARUM221LTE5

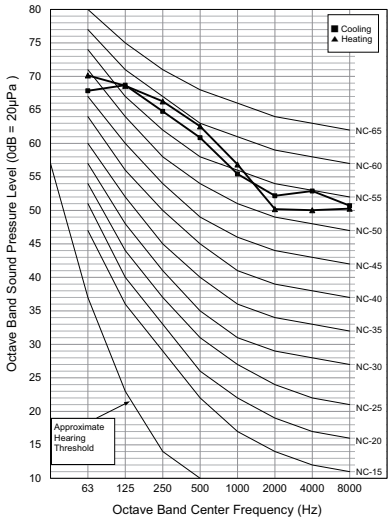


ARUM241LTE5

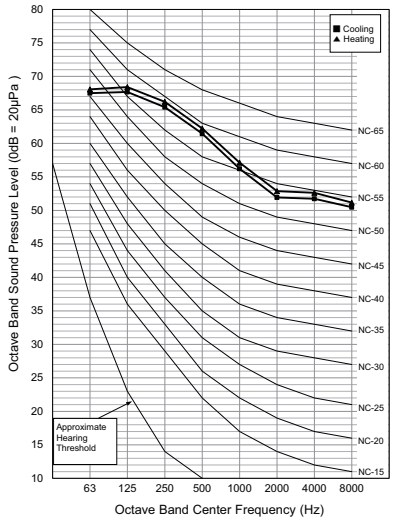


10. Sound Levels

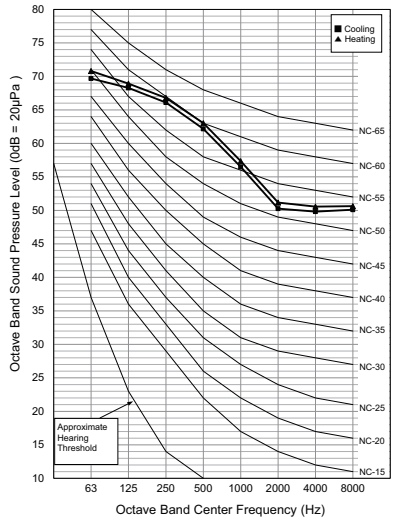
ARUM261LTE5



ARUM280LTE5



ARUM300LTE5



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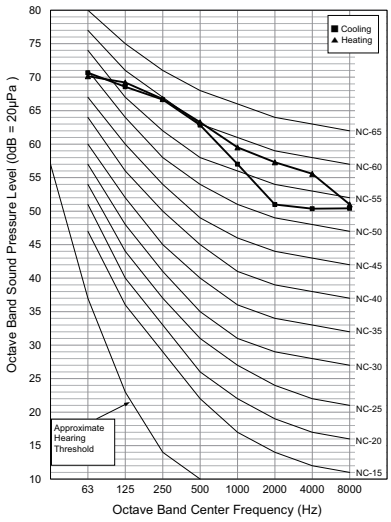
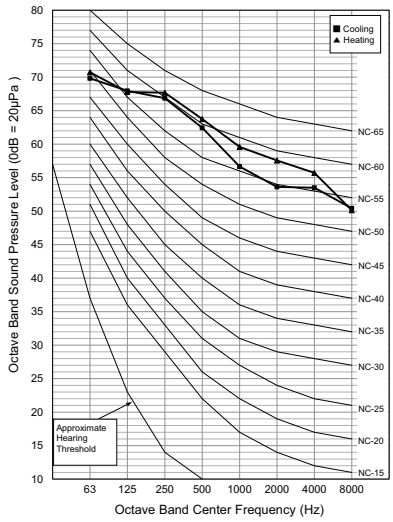
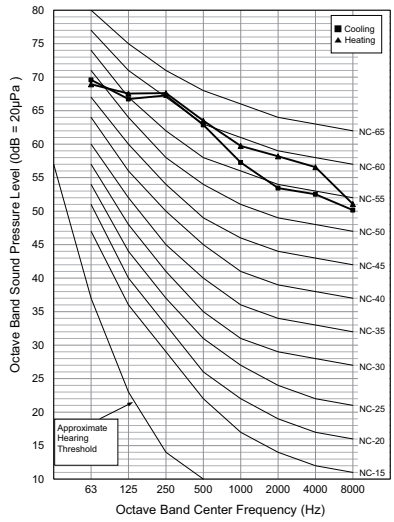


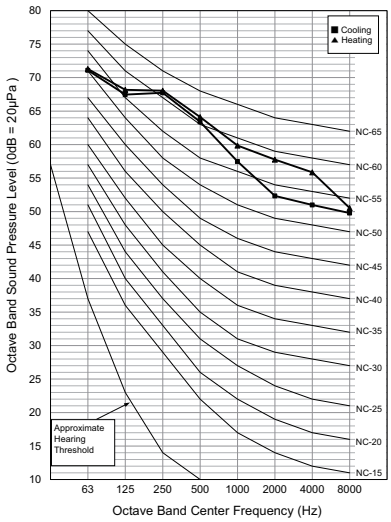
ARUM340LTE5



ARUM360LTE5



ARUM380LTE5



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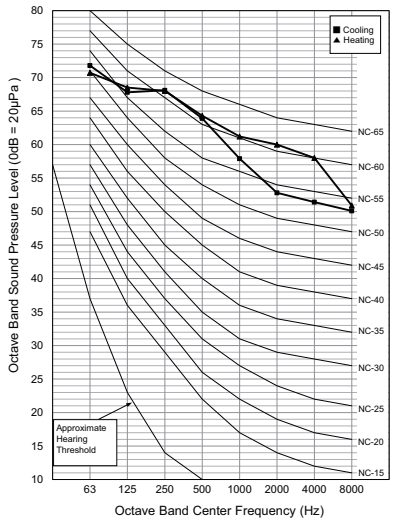

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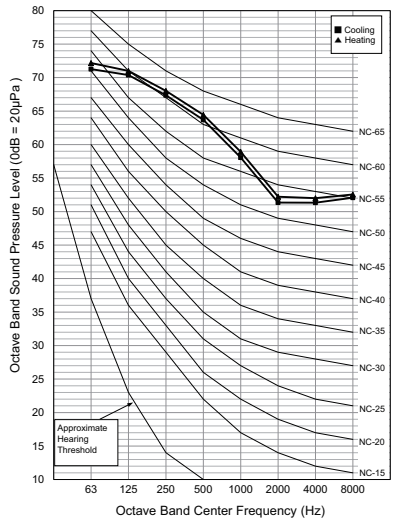
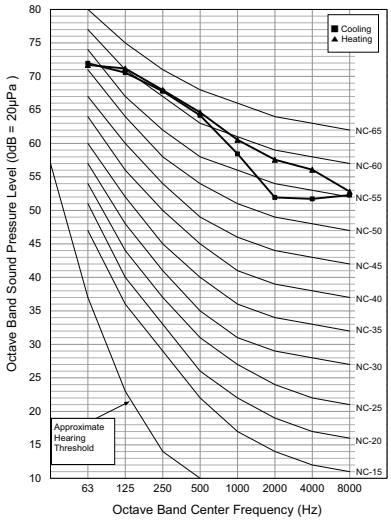


10. Sound Levels

ARUM440LTE5



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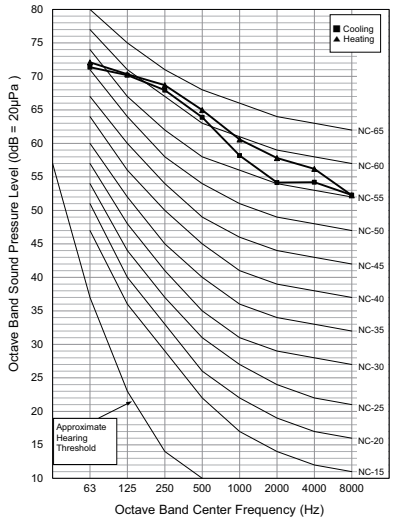

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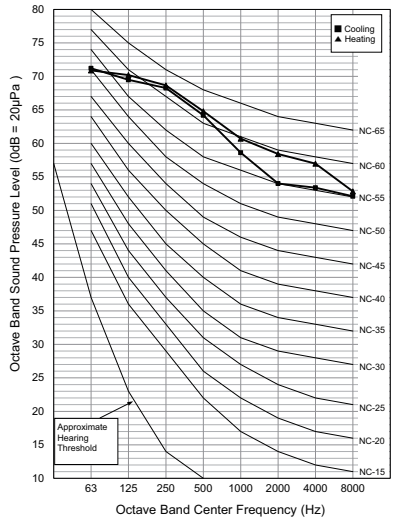

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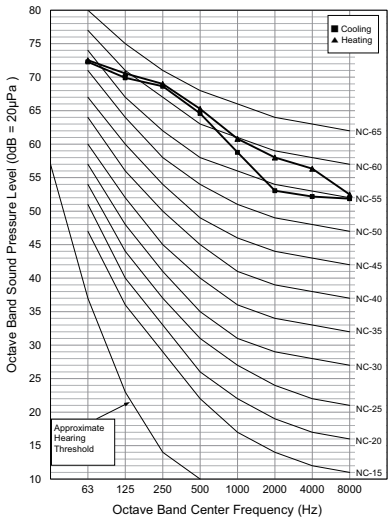

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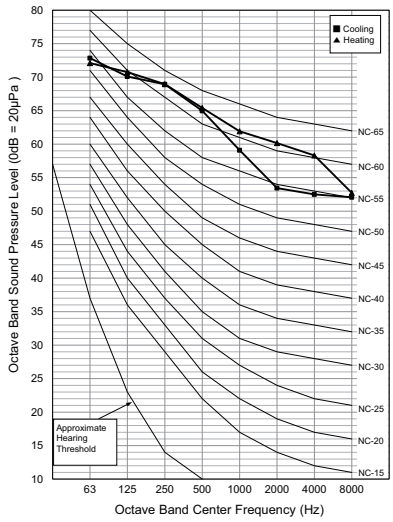

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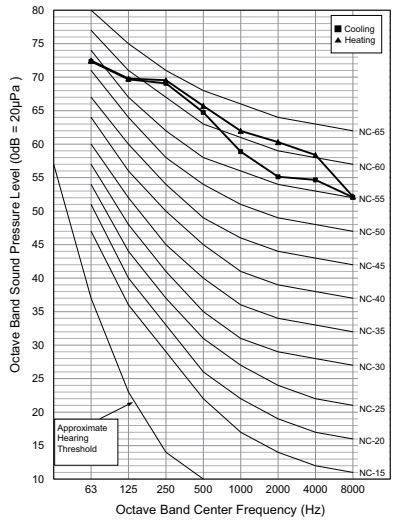
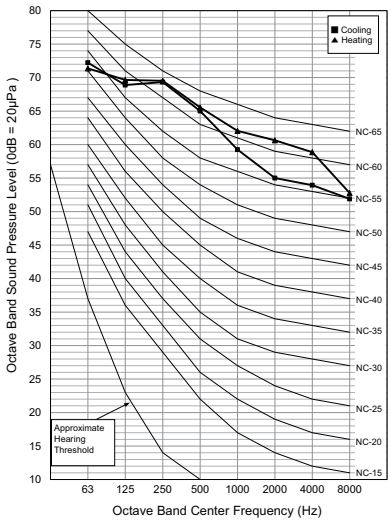


ARUM560LTE5



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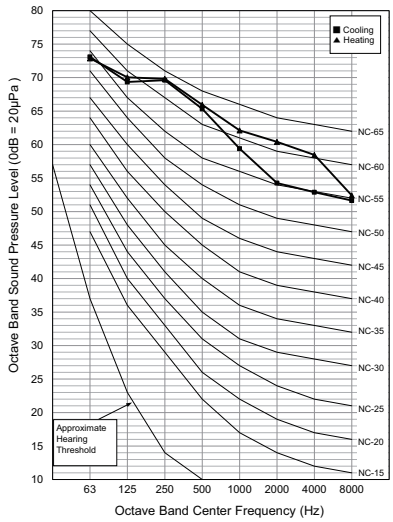
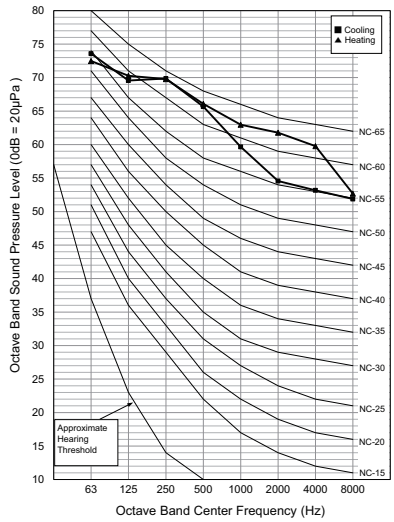
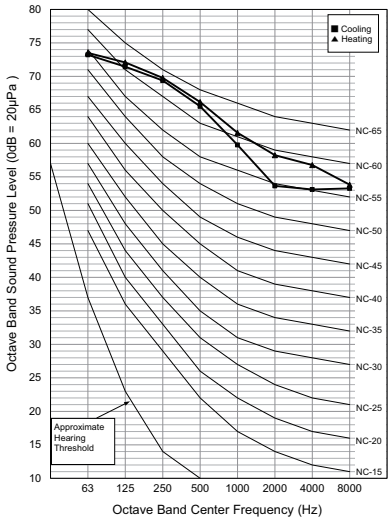


ARUM600LTE5



10. Sound Levels

ARUM620LTE5



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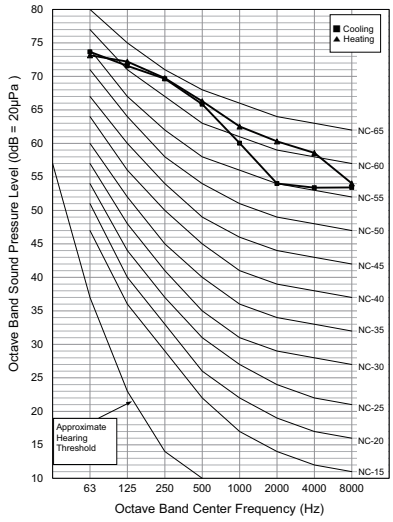

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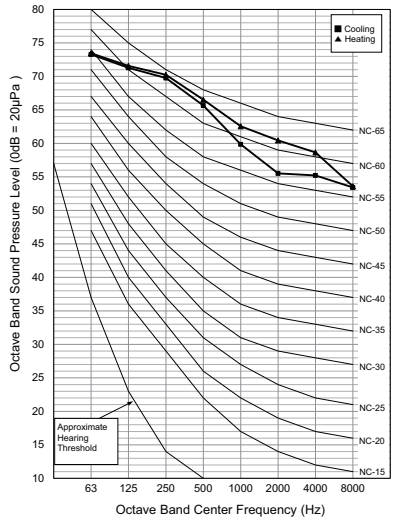

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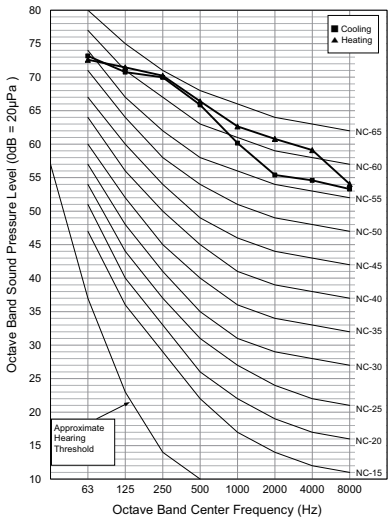

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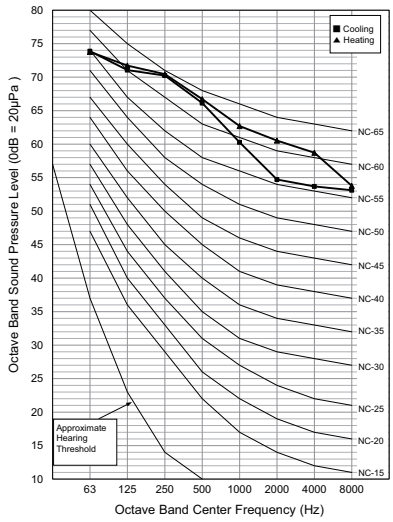

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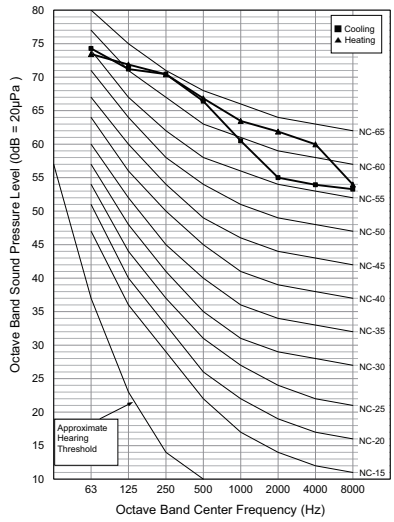
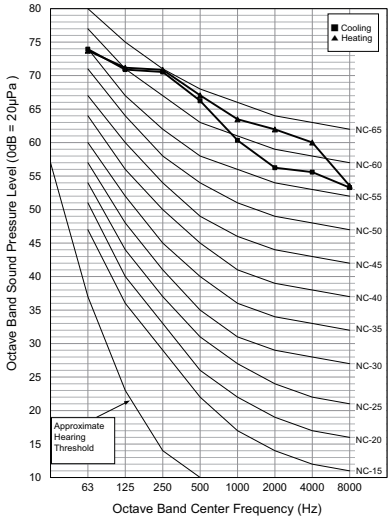


ARUM740LTE5



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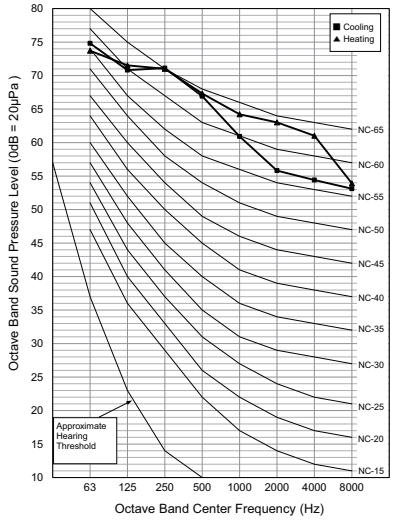

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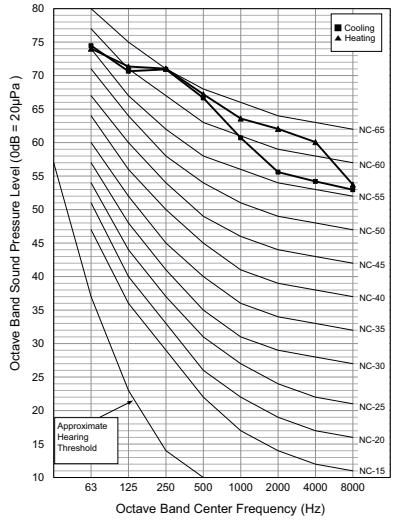
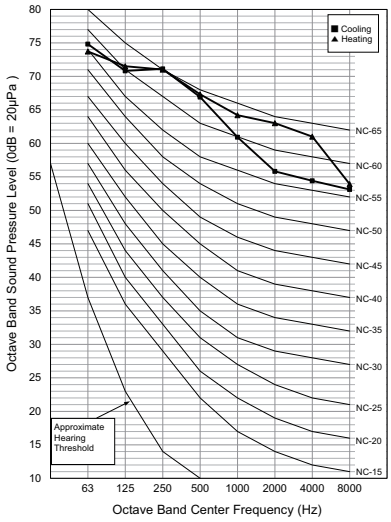


10. Sound Levels

ARUM800LTE5



10. Sound Levels

10.2 Sound Power Levels

Note

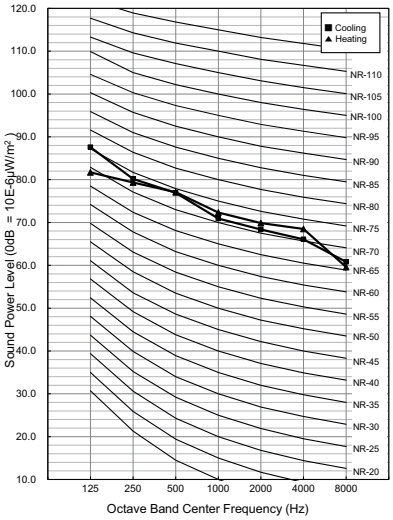
- Data is valid at diffuse field condition
- Data is valid at nominal operating condition
- Sound level can be increased in static pressure mode or used air guide.
- Sound power level is measured on the rated condition in the semi-anechoic rooms.
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Reference acoustic intensity 0dB = 10E-6μW/m^2

Unit : dB(A)

Model	Cooling	Heating
ARUM080LTE5	79.0	79.0
ARUM100LTE5	80.0	80.0
ARUM120LTE5	81.0	83.0
ARUM140LTE5	82.0	82.0
ARUM160LTE5	86.0	86.0
ARUM180LTE5	87.0	87.0
ARUM200LTE5	87.0	90.0
ARUM221LTE5	84.0	85.0
ARUM241LTE5	84.0	86.0
ARUM261LTE5	85.0	86.0
ARUM280LTE5	87.0	88.0
ARUM300LTE5	88.0	88.0
ARUM320LTE5	88.0	91.0
ARUM340LTE5	88.0	91.0
ARUM360LTE5	90.0	91.0
ARUM380LTE5	90.0	92.0
ARUM400LTE5	90.0	93.0
ARUM420LTE5	89.0	90.0
ARUM440LTE5	89.0	91.0
ARUM460LTE5	89.0	91.0
ARUM480LTE5	90.0	92.0
ARUM500LTE5	91.0	92.0
ARUM520LTE5	91.0	93.0
ARUM540LTE5	91.0	93.0
ARUM560LTE5	91.0	94.0
ARUM580LTE5	92.0	94.0
ARUM600LTE5	92.0	95.0
ARUM620LTE5	91.0	93.0
ARUM640LTE5	91.0	94.0
ARUM660LTE5	91.0	94.0
ARUM680LTE5	92.0	94.0
ARUM700LTE5	92.0	94.0
ARUM720LTE5	92.0	95.0
ARUM740LTE5	92.0	95.0
ARUM760LTE5	93.0	95.0
ARUM780LTE5	93.0	95.0
ARUM800LTE5	93.0	96.0

10. Sound Levels

ARUM080LTE5



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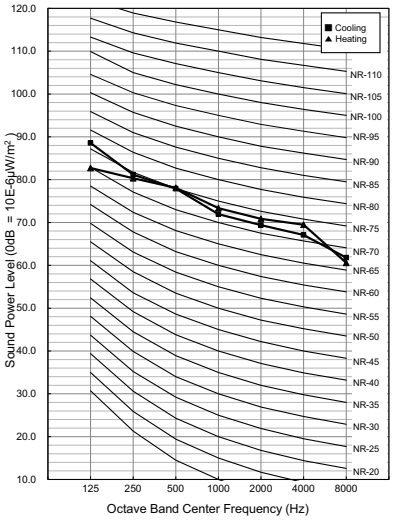

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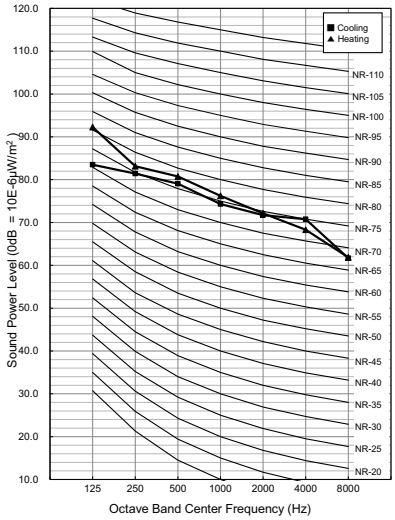

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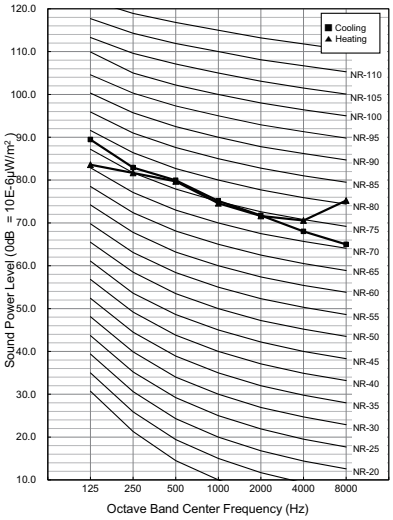

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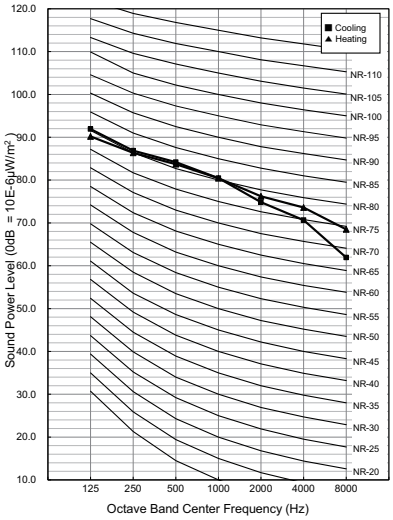
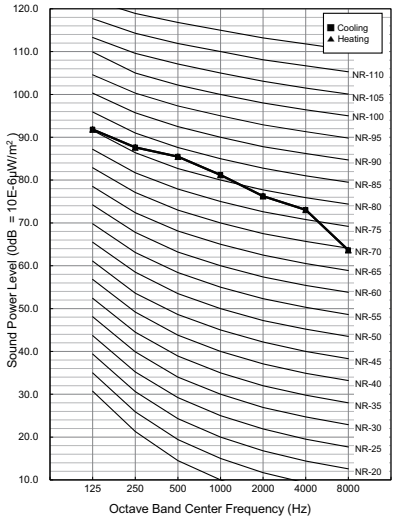
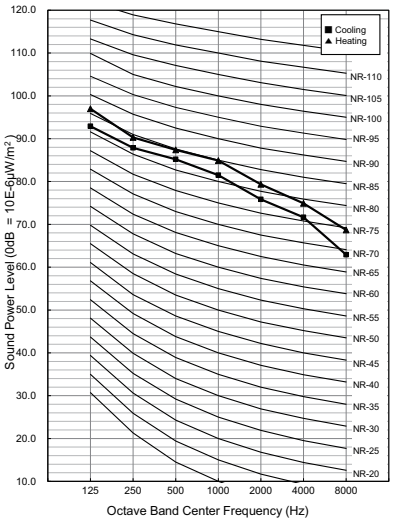


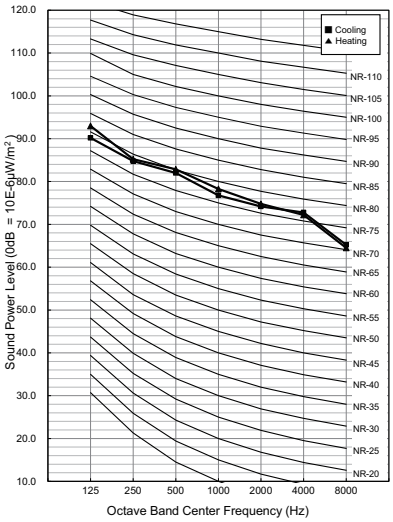
ARUM180LTE5



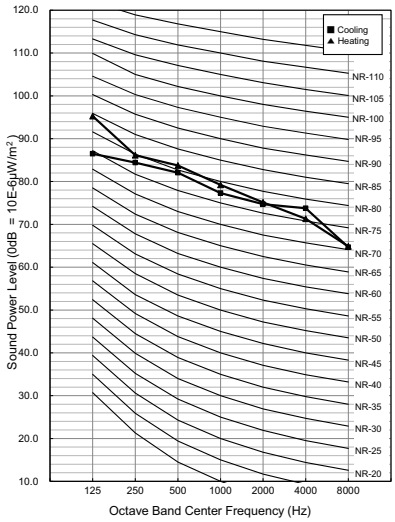
ARUM200LTE5



ARUM221LTE5

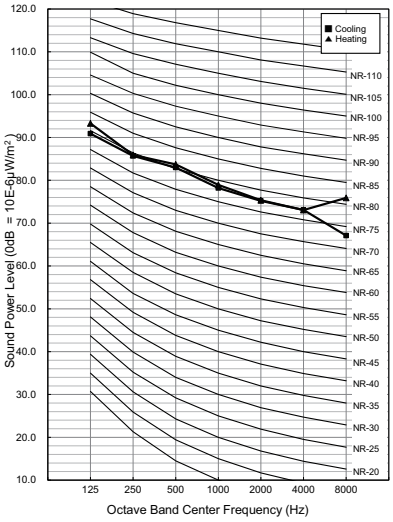


ARUM241LTE5

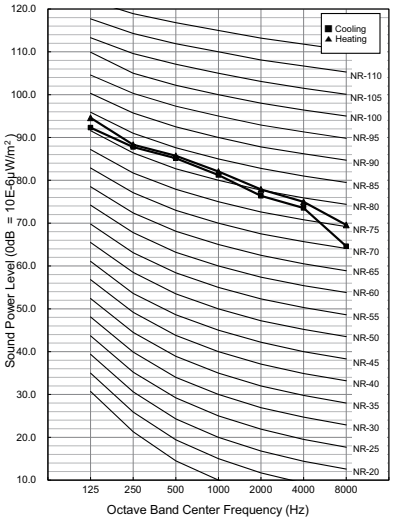


10. Sound Levels

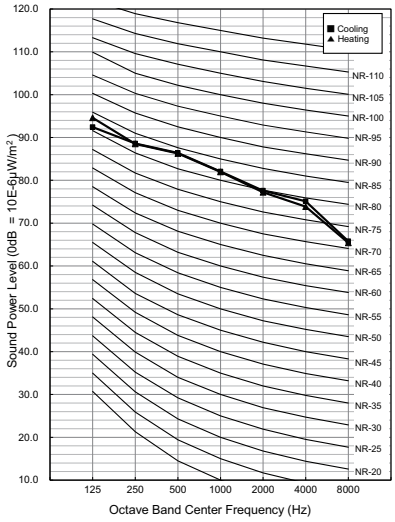
ARUM261LTE5



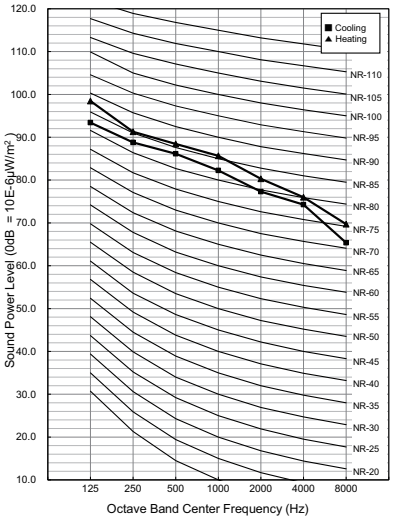
ARUM280LTE5



ARUM300LTE5



ARUM320LTE5



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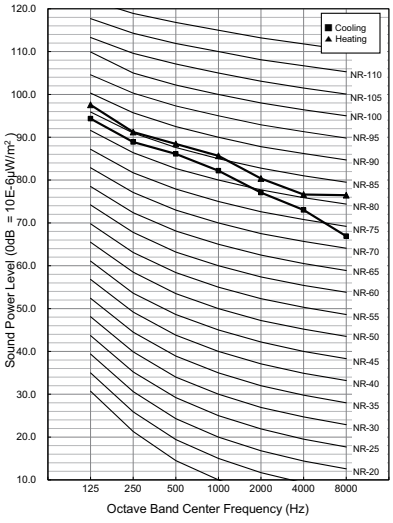

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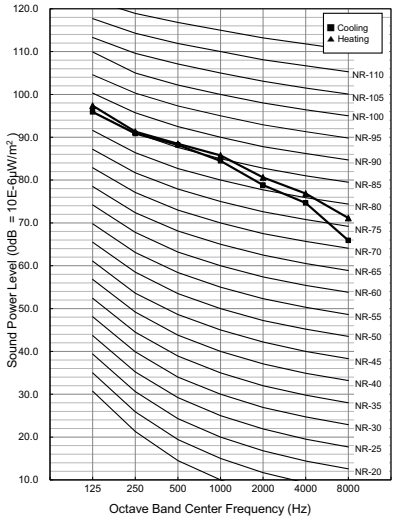
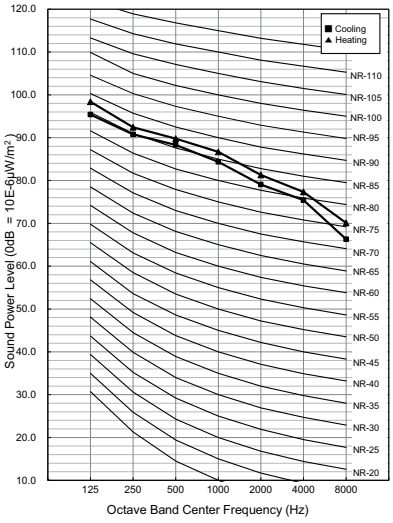


ARUM380LTE5



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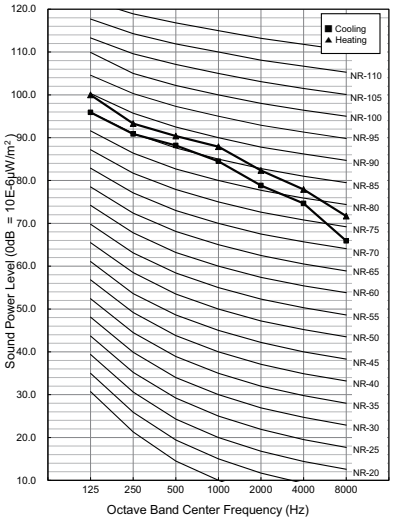
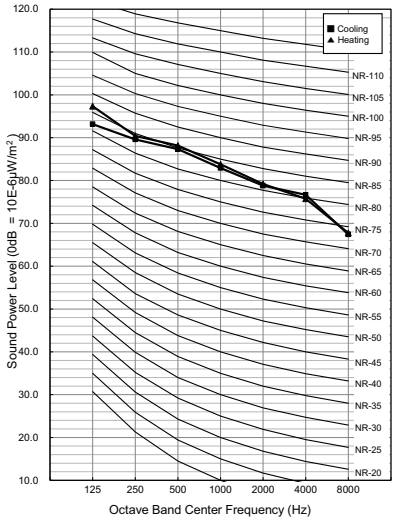
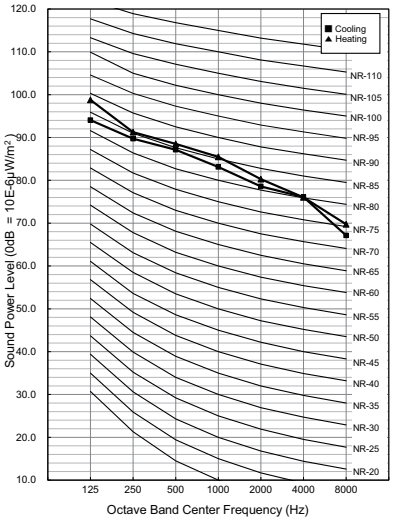


ARUM420LTE5

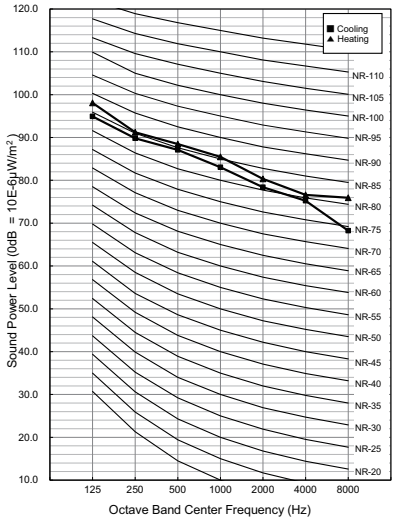


10. Sound Levels

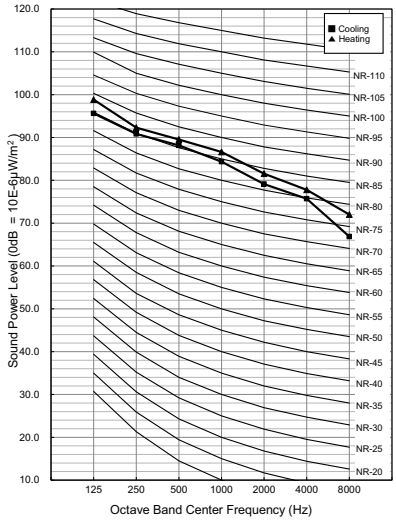
ARUM440LTE5



ARUM460LTE5



ARUM480LTE5



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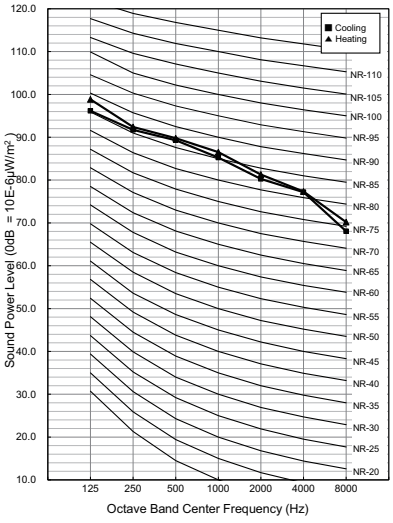

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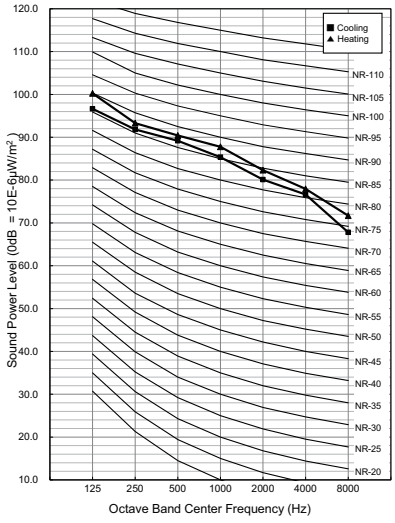

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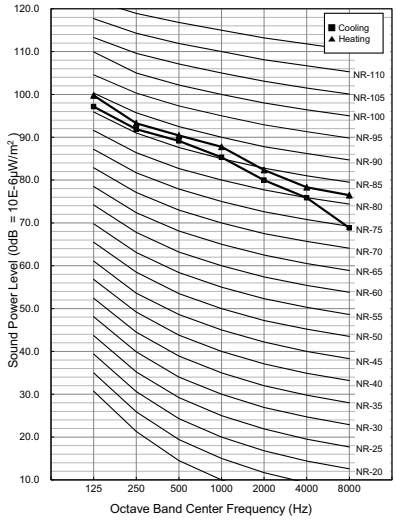

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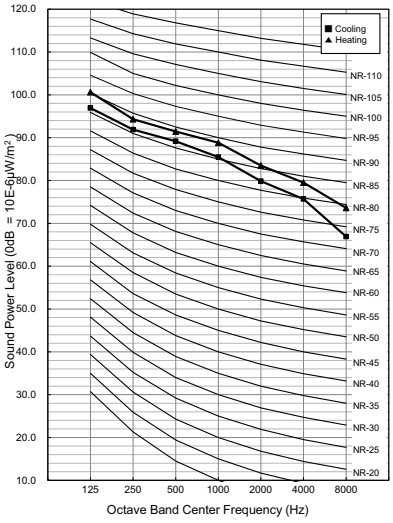

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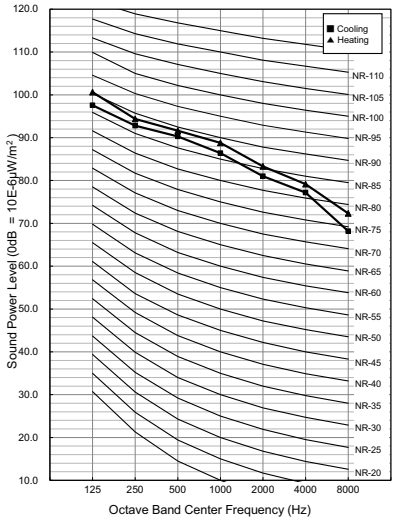

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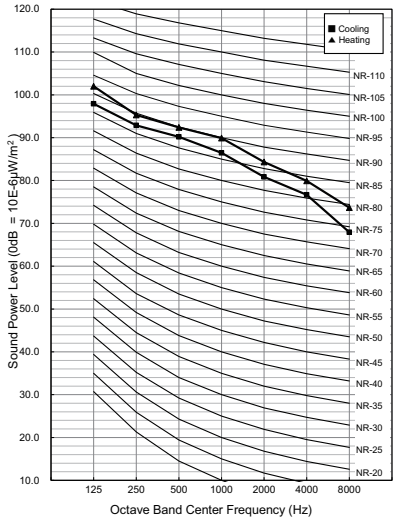
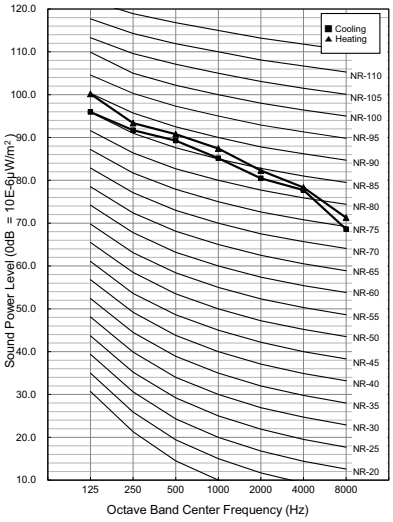


10. Sound Levels

ARUM620LTE5



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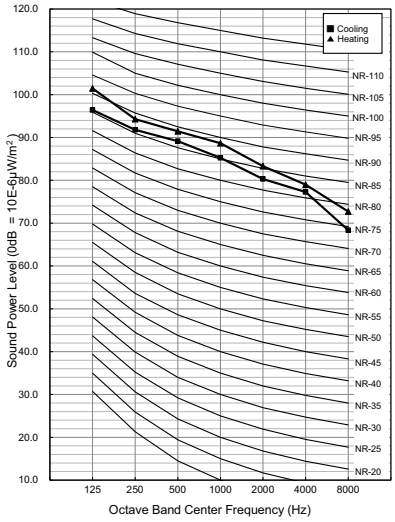

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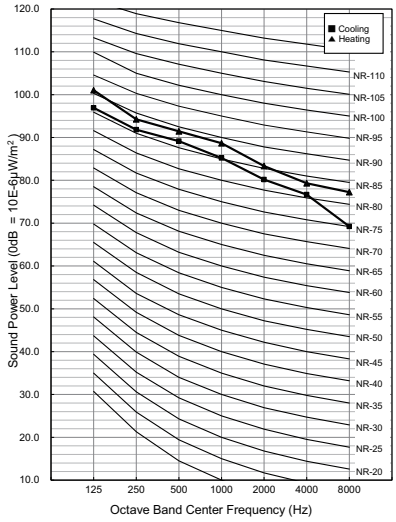

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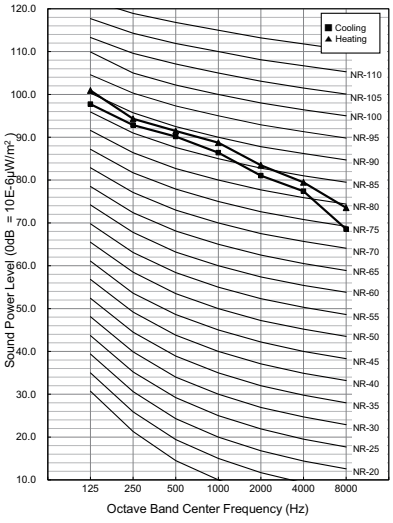
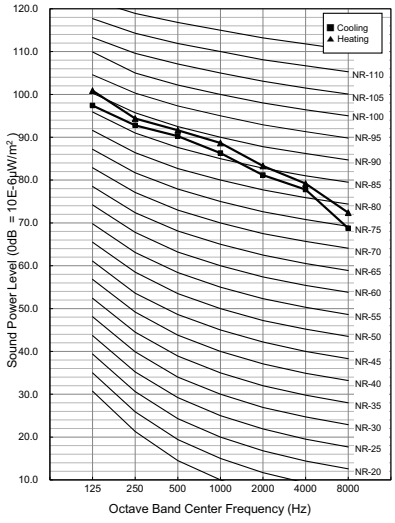


ARUM700LTE5



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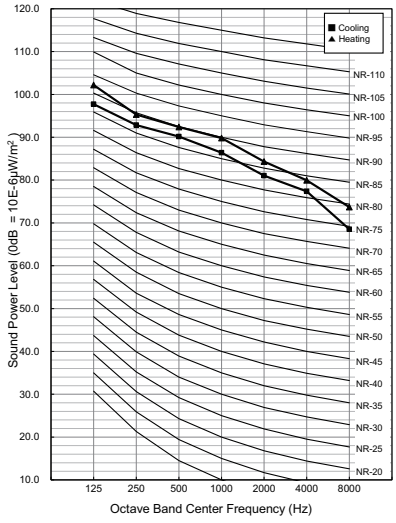

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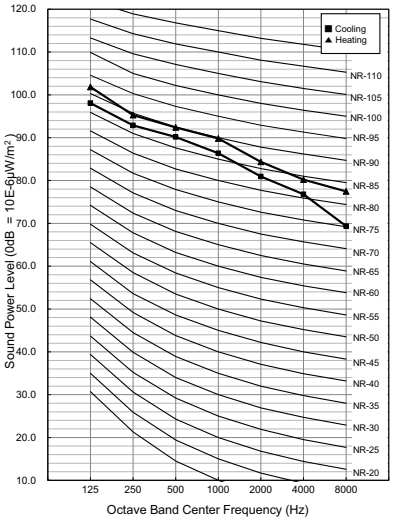

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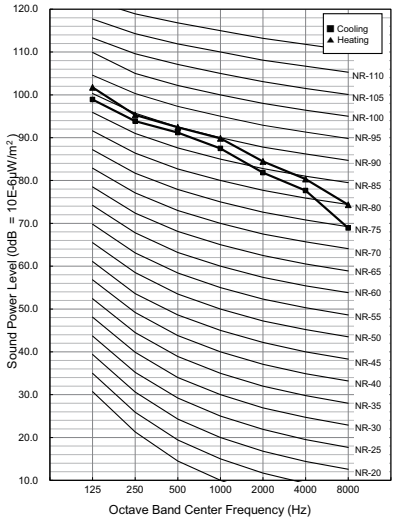

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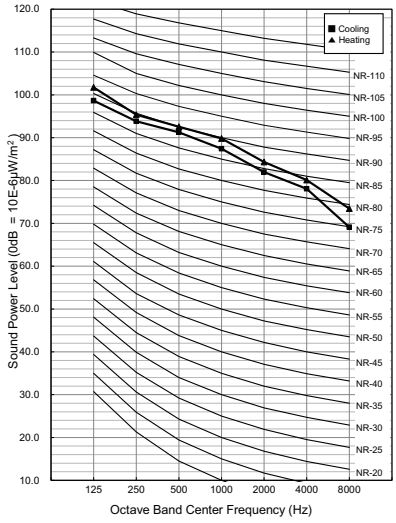
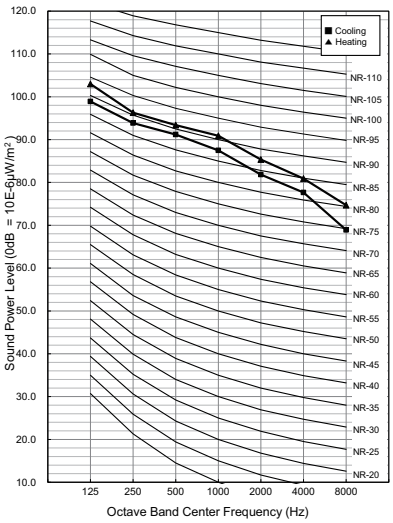


10. Sound Levels

ARUM800LTE5



10.3 Night Low Noise Operation

Note

- Data is valid at rated test condition.
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.

◆ Sound Pressure Level

Mode	Capacity [HP]	op1~op3, op10	op4~op6, op11	op7~op9, op12
Cooling	8	Same as rated	Same as rated	55
	10	Same as rated	Same as rated	55
	12	Same as rated	58	55
	14	Same as rated	59	57
	16	61	59	57
	18	61	59	57
	20	61	59	57
Heating	8	Same as rated	Same as rated	55
	10	Same as rated	Same as rated	55
	12	59	58	55
	14	Same as rated	59	57
	16	61	59	57
	18	61	59	57
	20	61	59	57

⚠ CAUTION

- If ODU RPM changes, capacity may go down.

◆ Sound Power Level

Mode	Capacity [HP]	op1~op3, op10	op4~op6, op11	op7~op9, op12
Cooling	8	Same as rated	Same as rated	77
	10	Same as rated	Same as rated	77
	12	Same as rated	80	77
	14	Same as rated	81	79
	16	83	81	79
	18	83	81	79
	20	83	81	79
Heating	8	Same as rated	Same as rated	77
	10	Same as rated	Same as rated	77
	12	82	80	77
	14	Same as rated	81	79
	16	83	81	79
	18	83	81	79
	20	83	81	79

⚠ CAUTION

- If ODU RPM changes, capacity may go down.

11. Accessories

■ Optional Accessories

No.	Name	Model
1	Y branch pipe	ARBLN01621 / ARBLB01621
		ARBLN03321 / ARBLB03321
		ARBLN07121 / ARBLB07121
		ARBLN14521 / ARBLB14521
		ARBLN23220 / ARBLB23220
2	Header	ARBL054
		ARBL057
		ARBL104
		ARBL107
		ARBL1010
		ARBL2010
3	Connection pipe of Outdoor Units	ARCNB21 / ARCNN21
		ARCNB31 / ARCNN31
		ARCNB41 / ARCNN41

MULTI V™ 5
Heat Recovery

HR Unit

1. Nomenclature
2. Specifications
3. Dimensions
4. Parts Function
5. Piping Diagrams
6. Wiring Diagrams
7. Sound Levels

1. Nomenclature

Model Name	PRHR	04	3
No.	1	2	3

No.	Signification
1	**HR Unit connecting to Multi V Heat Recovery System Outdoor Unit using R410A** PRHR : Global line-up
2	**The No. of connected branches** 02 : For 2 branches 03 : For 3 branches 04 : For 4 branches 06 : For 6 branches 08 : For 8 branches
3	**Serial Number**

2. Specifications

Model			PRHR023	PRHR033	PRHR043
Max. Connectable No. of Indoor Units			16	24	32
Max. Connectable No. of Indoor Units of a branch			8	8	8
Nominal Input	Cooling(W)		39.8	39.8	39.8
	Heating(W)		37.2	37.2	37.2
Net. Weight	kg		14.9	16.7	18.2
	lbs		32.8	36.8	40.1
Dimensions (WxHxD)	mm		786 x 218 x 657		
	Inch		30-15/16 × 8-19/32 × 25-7/8		
Casing			Galvanized steel plate		
Connecting Pipes	Indoor side	Liquid Pipe [mm/inch]	Ø9.52[3/8] ~ Ø6.35[1/4]		
		Gas Pipe [mm/inch]	Ø15.88[5/8] ~ Ø12.7[1/2]		
	Outdoor side	Liquid [mm/inch]	Ø9.52[3/8]	Ø12.7[1/2]	Ø15.88[5/8]
		Low Pressure [mm/inch]	Ø22.2[7/8]	Ø28.58[1-1/8]	Ø28.58[1-1/8]
		High Pressure [mm/inch]	Ø19.05[3/4]	Ø22.2[7/8]	Ø22.2[7/8]
Sound Absorbing Insulation Material			Polyethylene Foam		
Current	Minimum circuit Amps(MCA)		0.17		
Power Supply			1Ø, 220-240V, 50Hz / 1Ø, 220V, 60Hz		

Note

1. Voltage range : Voltage supplied to the unit terminals should be within the minimum and maximum range.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA/MFA
   MCA=1.25 x FLA
   MFA = 1.1 x MCA
   (If MFA is smaller than minimum standard value, Use minimum standard value in region for selecting circuit breaker.)
4. Select wire size based on the MCA.
5. MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker. [circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

2. Specifications

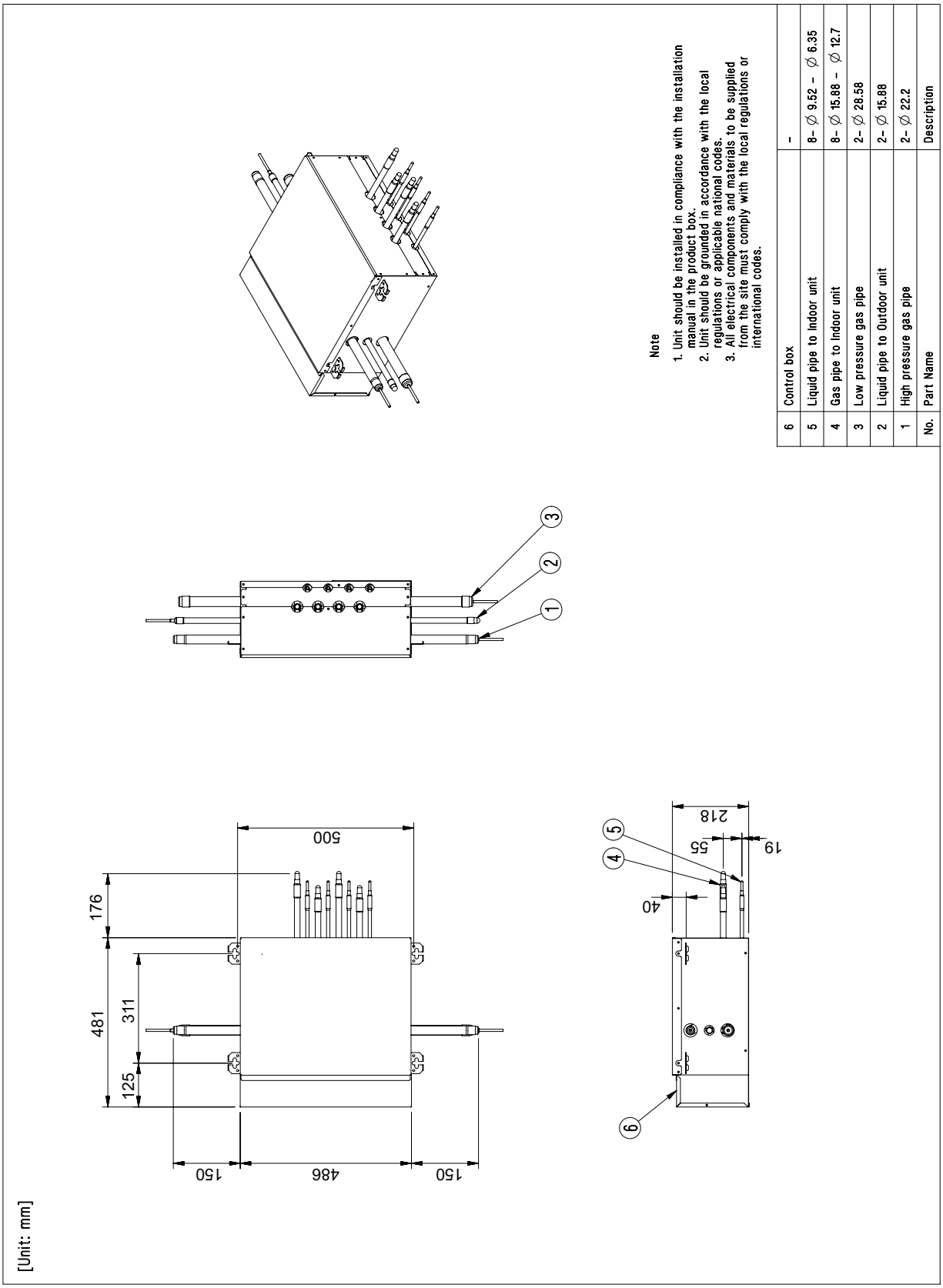
Model			PRHR063	PRHR083
Max. Connectable No. of Indoor Units			48	64
Max. Connectable No. of Indoor Units of a branch			8	8
Nominal Input	Cooling(W)		75.9	75.9
	Heating(W)		72.1	72.1
Net. Weight	kg		27.2	30.7
	lbs		60.0	67.7
Dimensions (WxHxD)	mm		1,113 x 218 x 657	
	Inch		43-13/16 × 8-19/32 × 25-7/8	
Casing			Galvanized steel plate	
Connecting Pipes	Indoor side	Liquid Pipe [mm/inch]	Ø9.52[3/8] ~ Ø6.35[1/4]	
		Gas Pipe [mm/inch]	Ø15.88[5/8] ~ Ø12.7[1/2]	
	Outdoor side	Liquid [mm/inch]	Ø15.88[5/8]	Ø15.88[5/8]
		Low Pressure [mm/inch]	Ø28.58[1-1/8]	Ø28.58[1-1/8]
		High Pressure [mm/inch]	Ø22.2[7/8]	Ø22.2[7/8]
Sound Absorbing Insulation Material			Polyethylene Foam	
Current	Minimum circuit Amps(MCA)		0.27	
Power Supply			1Ø, 220-240V, 50Hz / 1Ø, 220V, 60Hz	

Note

1. Voltage range : Voltage supplied to the unit terminals should be within the minimum and maximum range.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA/MFA
   MCA=1.25 x FLA
   MFA = 1.1 x MCA
   (If MFA is smaller than minimum standard value, Use minimum standard value in region for selecting circuit breaker.)
4. Select wire size based on the MCA.
5. MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker. [circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

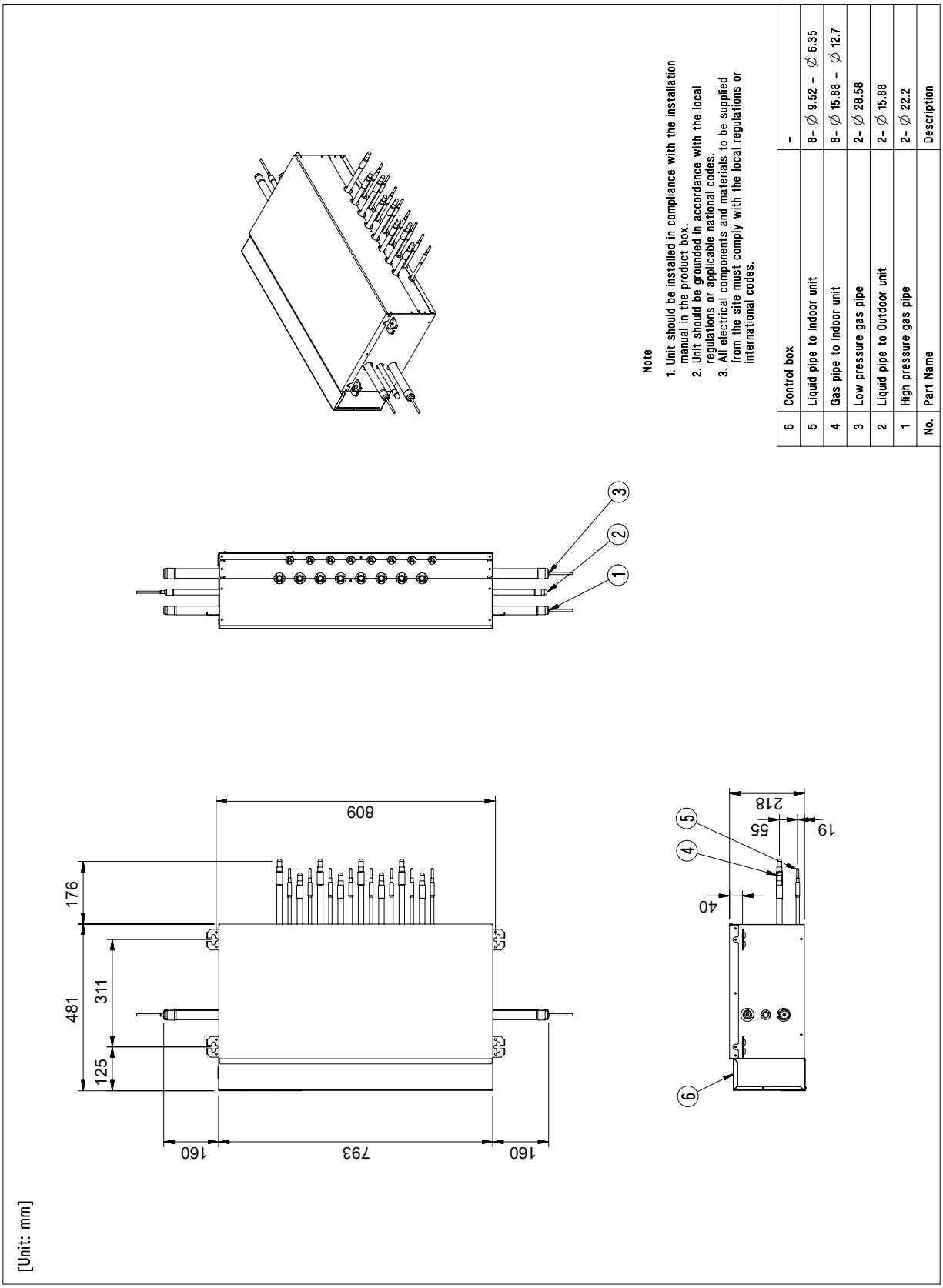
3. Dimensions

PRHR023 / PRHR033 / PRHR043



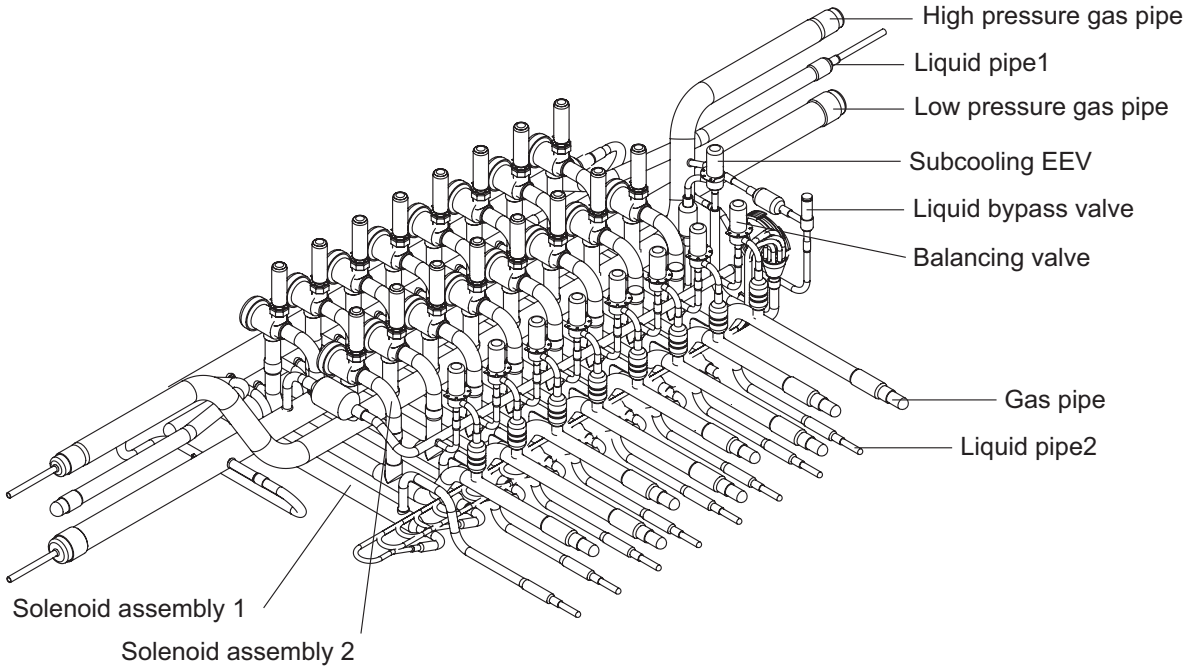
3. Dimensions

PRHR063 / PRHR083

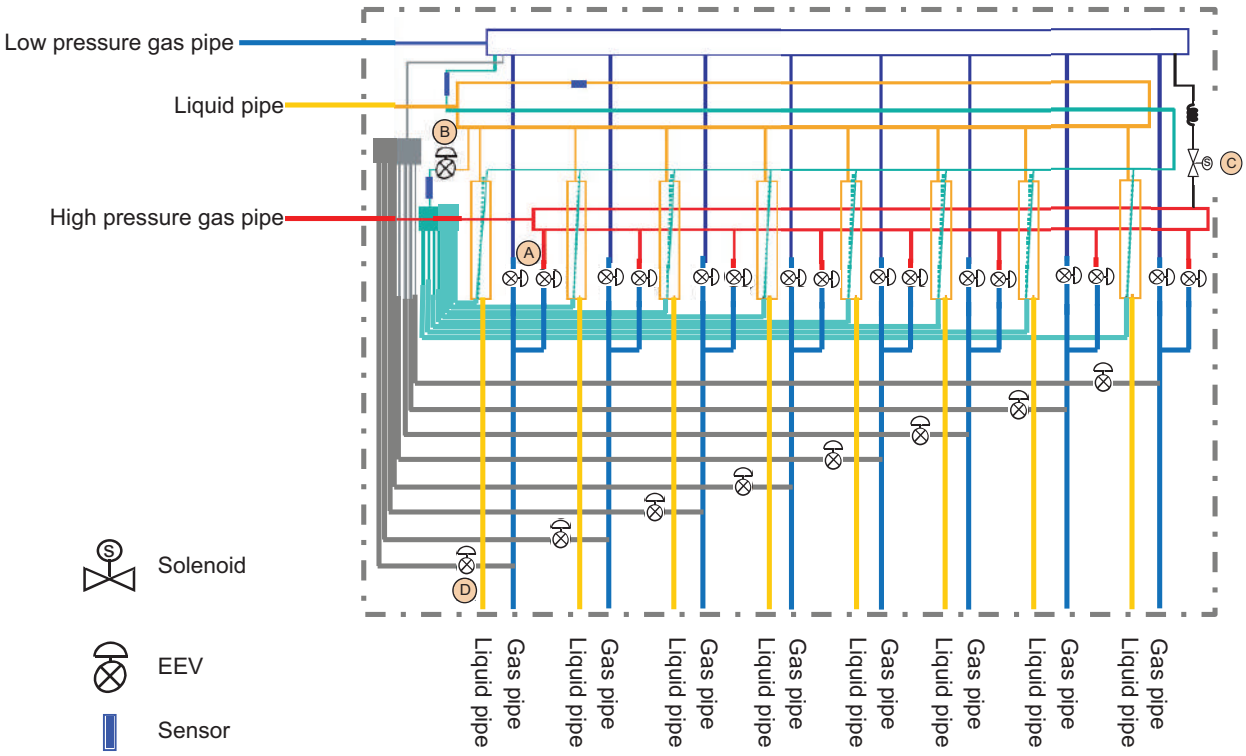


4. Parts Function

Parts Name	Symbol	Major Function
Low pressure gas pipe	LPGV	Pipe for Low pressure gas
High pressure gas pipe	HPGV	Pipe for High pressure gas
Liquid pipe 1	LP1	Liquid pipe connected with outdoor unit
Liquid bypass valve	LBV	Prevent Liquid charging
Solenoid Assembly 1, 2	SOL1, 2	Control the path for heating or cooling
Liquid pipe 2	LP2	Liquid pipe connected with indoor unit
Gas pipe	GSP	Gas pipe connected with indoor unit
Balancing valve	BLV	Control the pressure between High and Low pressure pipe during operation switching
Subcooling EEV	SCEEV	Control the subcooling



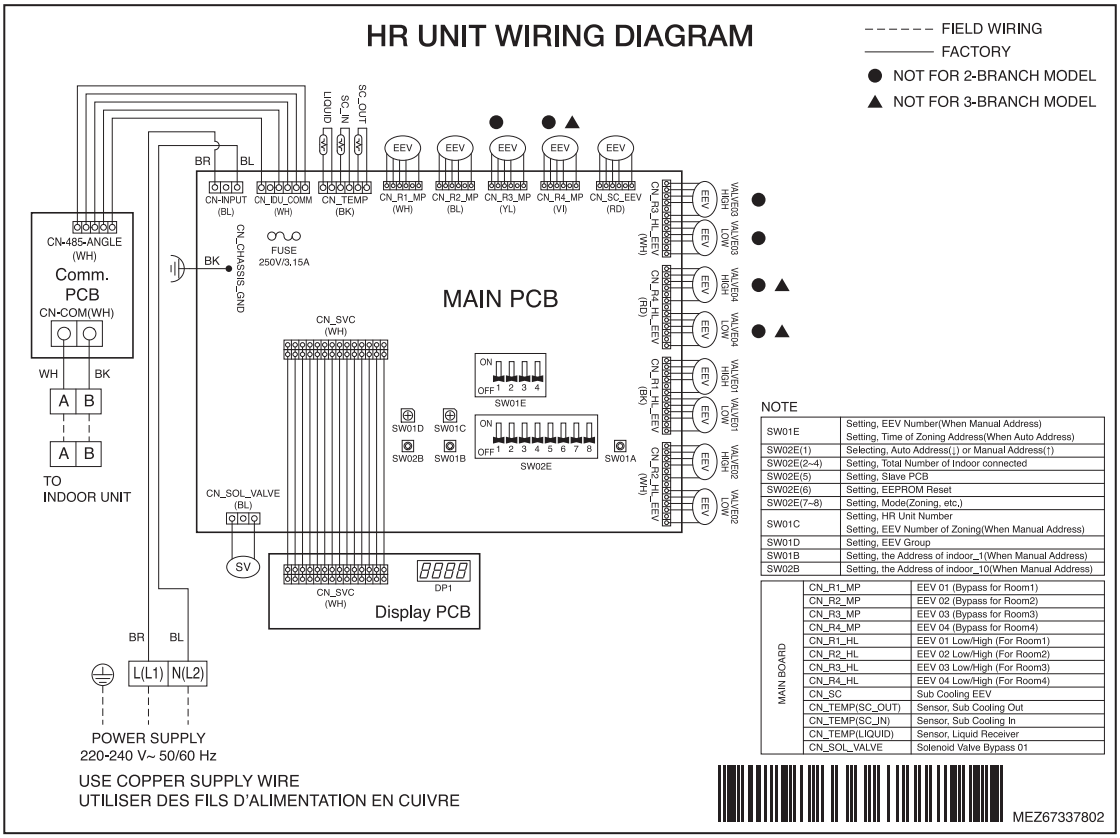
5. Piping Diagrams



- A : To be switched operation between cooling and heating by two valves
- B : To be used decreasing noise according to sub-cooling of inlet of indoor unit and outlet of indoor unit (Simultaneous operation)
- C : To prevent liquid charging between H/P gas valve and HR unit at cooling mode
- D : To be controlled the pressure between High and Low pressure pipe during operation switching

6. Wiring Diagrams

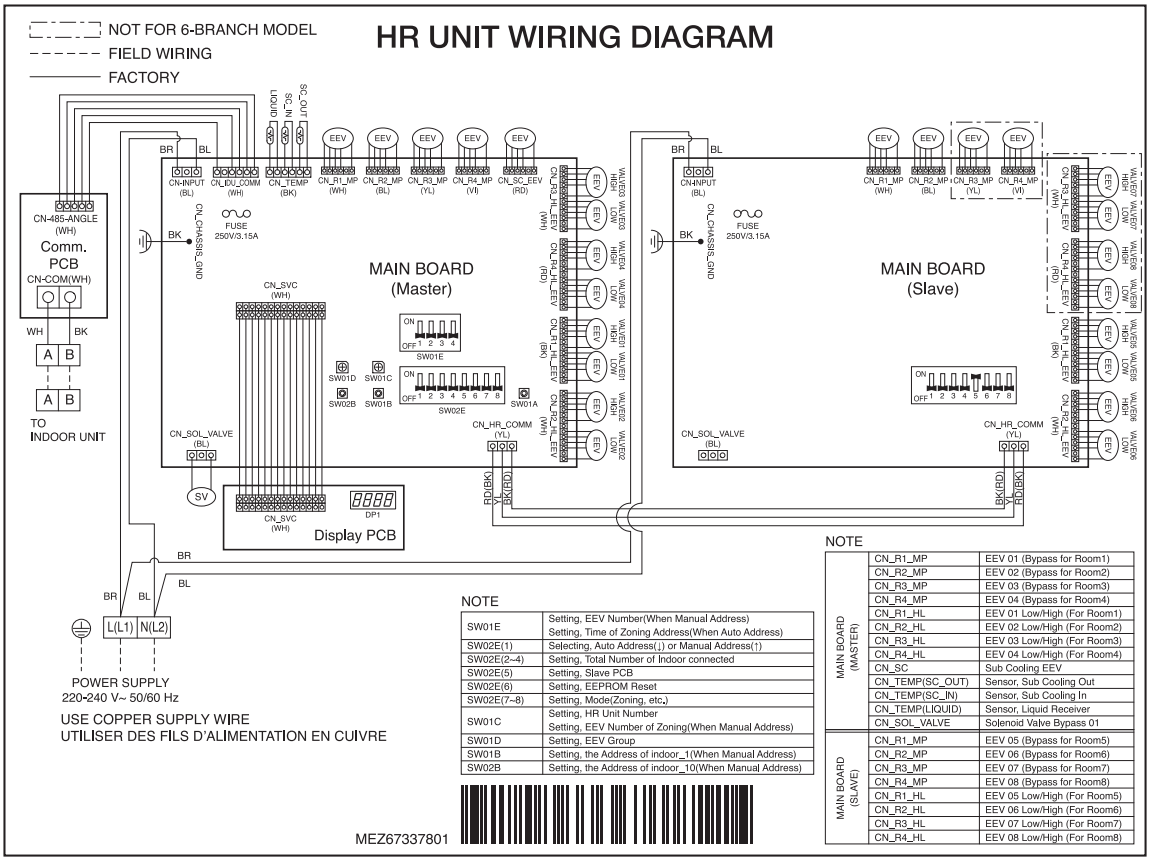
■ PRHR023, PRHR033, PRHR043



CONNECTOR NUMBER	FUNCTION
CN_R1_MP	EEV 01 (Bypass for Room1)
CN_R2_MP	EEV 02 (Bypass for Room2)
CN_R3_MP	EEV 03 (Bypass for Room3)
CN_R4_MP	EEV 04 (Bypass for Room4)
CN_R1_HL	EEV 01 Low/High (For Room1)
CN_R2_HL	EEV 02 Low/High (For Room2)
CN_R3_HL	EEV 03 Low/High (For Room3)
CN_R4_HL	EEV 04 Low/High (For Room4)
CN_SC	Sub Cooling LEV
CN_TEMP(SC_OUT)	Sensor, Sub Cooling Out
CN_TEMP(SC_IN)	Sensor, Sub Cooling In
CN_TEMP(LIQUID)	Sensor, Liquid Receiver
CN_SOL_VALVE	Solenoid Valve Bypass 01
SW01E	Setting, EEV Number (When Manual Address) Setting, Time of Zoning Address (When Auto Address)
SW02E(1)	Selecting, Auto Address (↓) or manual Address (↑)
SW02E(2~4)	Setting, Total Number of Indoor connected
SW02E(5)	Setting, Slave PCB
SW02E(6)	Setting, EEPROM Reset
SW02E(7~8)	Setting, Mode (Zoning, etc.)
SW01C	Setting, HR Unit Number Setting, EEV Number of Zoning (When Manual Address)
SW01D	Setting, EEV Group
SW01B	Setting, the Address of indoor_1 (When Manual Address)
SW02B	Setting, the Address of indoor_10 (When manual Address)

6. Wiring Diagrams

■ PRHR063, PRHR083



SW01E	Setting, EEV Number(When Manual Address) Setting, Time of Zoning Address(When Auto Address)
SW02E(1)	Selecting, Auto Address(↓) or Manual Address(↑)
SW02E(2~4)	Setting, Total Number of Indoor connected
SW02E(5)	Setting, Slave PCB
SW02E(6)	Setting, EEPROM Reset
SW02E(7~8)	Setting, Mode(Zoning, etc.)
SW01C	Setting, HR Unit Number Setting, EEV Number of Zoning(When Manual Address)
SW01D	Setting, EEV Group
SW01B	Setting, the Address of indoor_1(When Manual Address)
SW02B	Setting, the Address of indoor_10(When Manual Address)

MAIN BOARD (MASTER)	CN_R1_MP	EEV 01 (Bypass for Room1)
	CN_R2_MP	EEV 02 (Bypass for Room2)
	CN_R3_MP	EEV 03 (Bypass for Room3)
	CN_R4_MP	EEV 04 (Bypass for Room4)
	CN_R1_HL	EEV 01 Low/High (For Room1)
	CN_R2_HL	EEV 02 Low/High (For Room2)
	CN_R3_HL	EEV 03 Low/High (For Room3)
	CN_R4_HL	EEV 04 Low/High (For Room4)
	CN_SC	Sub Cooling EEV
	CN_TEMP(SC_OUT)	Sensor, Sub Cooling Out
	CN_TEMP(SC_IN)	Sensor, Sub Cooling In
	CN_TEMP(LIQUID)	Sensor, Sub Cooling Out
	CN_SEN_02 (SC_IN)	Sensor, Sub Cooling In
	CN_SEN_02 (LIQUID)	Sensor, Liquid Receiver
	CN_SOL_VALVE	Solenoid Valve Bypass 01
MAIN BOARD (SLAVE)	CN_R1_MP	EEV 05 (Bypass for Room5)
	CN_R2_MP	EEV 06 (Bypass for Room6)
	CN_R3_MP	EEV 07 (Bypass for Room7)
	CN_R4_MP	EEV 08 (Bypass for Room8)
	CN_R1_HL	EEV 05 Low/High (For Room5)
	CN_R2_HL	EEV 06 Low/High (For Room6)
	CN_R3_HL	EEV 07 Low/High (For Room7)
	CN_R4_HL	EEV 08 Low/High (For Room8)

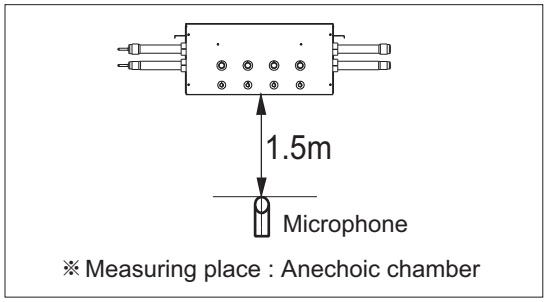
6. Wiring Diagrams

CONNECTOR NUMBER	FUNCTION
SW01E	Setting, EEV Number(When Manual Address)
	Setting, Time of Zoning Address(When Auto Address)
SW02E(1)	Selecting, Auto Address(↓) or Manual Address(↑)
SW02E(2~4)	Setting, Total Number of Indoor connected
SW02E(5)	Setting, Slave PCB
SW02E(6)	Setting, EEPROM Reset
SW02E(7~8)	Setting, Mode(Zoning, etc.)
SW01C	Setting, HR Unit Number
	Setting, EEV Number of Zoning(When Manual Address)
SW01D	Setting, EEV Group
SW01B	Setting, the Address of indoor_1(When Manual Address)
SW02B	Setting, the Address of indoor_10(When Manual Address)

7. Sound Levels

7.1 Sound pressure level

■ Overall

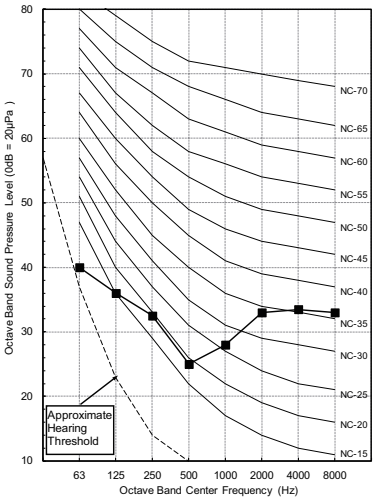


Note

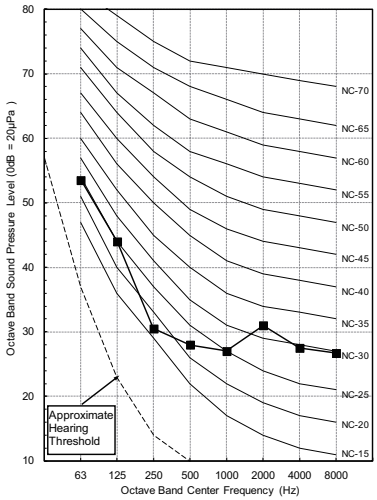
- Sound measured at 1.5m away from the center of the unit.
- Operating condition|
  - Power source : 220-240V 50Hz / 220V 60Hz
  - Cooling : Indoor temperature (27°C DB, 19°C WB), Outdoor temperature (35°C DB, 24°C WB)
  - Heating : Indoor temperature (20°C DB, 15°C WB), Outdoor temperature (7°C DB, 6°C WB)
- Reference accoustic pressure 0dB=20μPa.
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- The changeover sound was measured by switching the mode of one indoor unit.
  It could vary depending on the number of indoor units in operation, piping length and installation environment.

Operation Mode	50Hz, 220-240V
	Sound pressure Levels [dB(A)]
Cooling	30
Heating	30
Changeover : Cooling → Heating	33
Changeover : Heating → Cooling	38

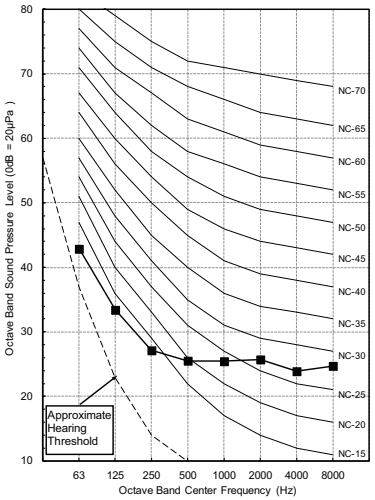
Cooling



Heating

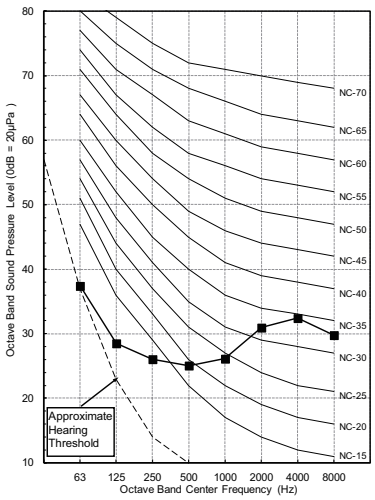


Changeover : Cooling → Heating



7. Sound Levels

Changeover : Heating → Cooling



MULTI V™ 5

Installation of Outdoor Units

1. Alternative Refrigerant R410A
2. Select the Best Location
3. Installation Space
4. Lifting Method
5. Installation
6. Refrigerant piping Installation
7. Refrigerant piping system
8. Electrical Wiring
9. Setting Function

1. Alternative Refrigerant R410A

- The refrigerant R410A has the property of higher operating pressure in comparison with R22.
  Therefore, all materials have the characteristics of higher resisting pressure than R22 ones and this characteristic should also be considered during the installation.
  R410A is an azeotrope of R32 and R125 mixed at 50:50, so the ozone depletion potential (ODP) of R410A is 0.

⚠ CAUTION

- The wall thickness of the piping should comply with the relevant local and national regulations for the designed pressure 3.8MPa
- Since R410A is a mixed refrigerant, the required additional refrigerant must be charged in its liquid state.
  If the refrigerant is charged in its gaseous state, its composition changes and the system will not work properly.
- Do not place the refrigerant container under the direct rays of the sun to prevent it from exploding.
- For high-pressure refrigerant, any unapproved pipe must not be used.
- Do not heat pipes more than necessary to prevent them from softening.
- Be careful not to install wrongly to minimize economic loss because it is expensive in comparison with R22.

2. Select the Best Location

Select space for installing outdoor unit, which will meet the following conditions:

- No direct thermal radiation from other heat sources
- No possibility of annoying neighbors due to noise of unit
- No exposition to strong wind
- With strength which bears weight of unit
- Note that drain flows out of unit when heating
- Because of the possibility of fire, do not install unit to the space where generation, inflow, stagnation, and leakage of combustible gas is expected.
- Avoid unit installation in a place where acidic solution and spray (sulfur) are often used.
- Do not use unit under any special environment where oil, steam and sulfuric gas exist.
- It is recommended to fence round the outdoor unit in order to prevent any person or animal from accessing the outdoor unit.
- If installation site is area of heavy snowfall, then the following directions should be observed.
  - Make the foundation as high as possible.
  - Fit a snow protection hood.
- Select installation location considering following conditions to avoid bad condition when additionally performing defrost operation.
  1. Install the outdoor unit at a place well ventilated and having a lot of sunshine in case of installing the product at a place with a high humidity in winter (near beach, coast, lake, etc).
     (Ex) Rooftop where sunshine always shines.
  2. Performance of heating will be reduced and pre-heat time of the indoor unit may be lengthened in case of installing the outdoor unit in winter at following location:
     1) Shade position with a narrow space
     2) Location with much moisture in neighboring floor.
     3) Location with much humidity around.
     4) Location where liquid gathers since the floor is not even.

3. Installation Space

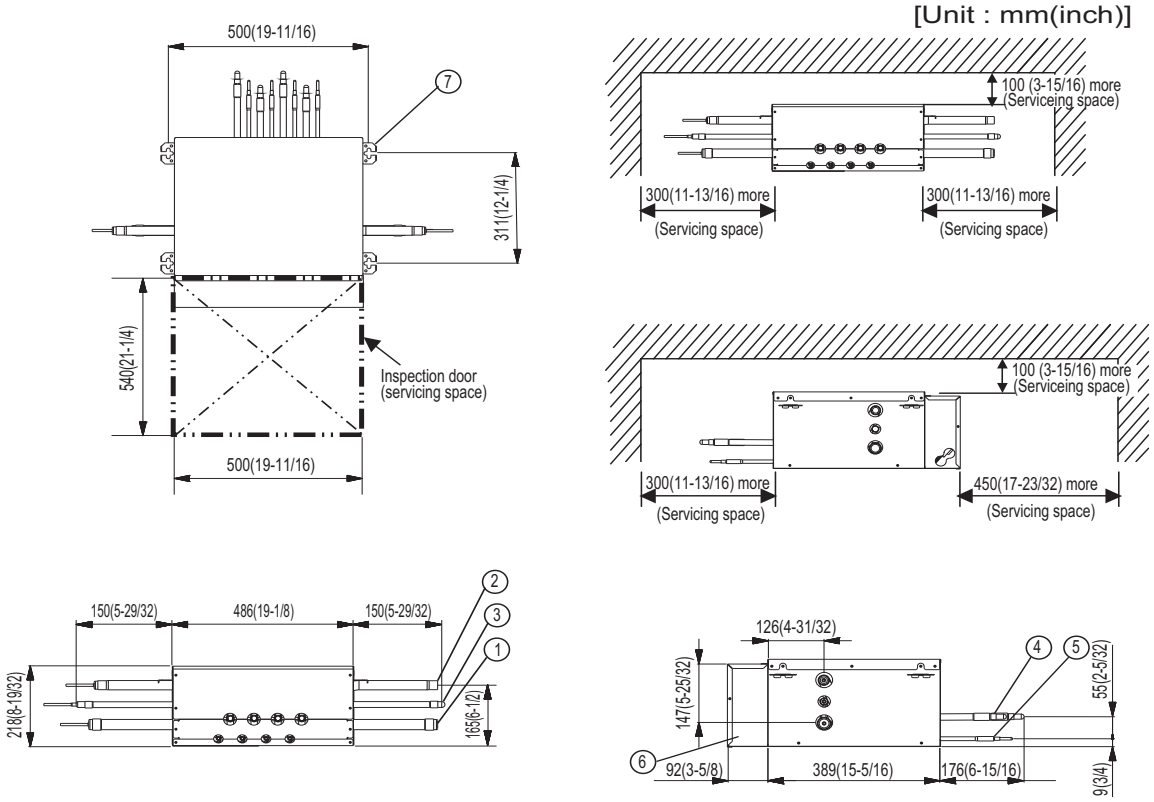
3.1 Individual Installation

■ Select installation location of the HR unit suitable for following conditions

- Avoid a place where rain may enter since the HR unit is for indoor.
- Sufficient service space must be obtained.
- Refrigerant pipe must not exceed limited length.
- Avoid a place subject to a strong radiation heat from other heat source.
- Avoid a place where oil spattering, vapor spray or high frequency electric noise is expected.
- Install the unit at a place in which it is not affected by operation noise. (Installation within cell such as meeting room etc. may disturb business due to noise.)
- Place where refrigerant piping, drain piping and electrical wiring works are easy.

PRHR023 / PRHR033 / PRHR043

[Unit : mm(inch)]



No.	Part Name	Description	
		PRHR033 / PRHR043	PRHR023
1	Low pressure Gas pipe connection port	Ø28.58(1-1/8) Brazing connection	Ø22.2(7/8) Brazing connection
2	High pressure Gas pipe connection port	Ø22.2(7/8) Brazing connection	Ø19.05(3/4) Brazing connection
3	Liquid pipe connection port	Ø15.88(5/8) Brazing connection(PRHR043) Ø12.7 Brazing connection(PRHR033)	Ø9.52(3/8) Brazing connection
4	Indoor unit Gas pipe connection port	Ø15.88(5/8)~Ø12.7(1/2) Brazing connection	Ø15.88(5/8)~Ø12.7(1/2) Brazing connection
5	Indoor unit Liquid pipe connection port	Ø9.52(3/8)~Ø6.35(1/4) Brazing connection	Ø9.52(3/8)~Ø6.35(1/4) Brazing connection
6	Control box	-	-
7	Hanger metal	Suspension bolt M10 or M8	Suspension bolt M10 or M8

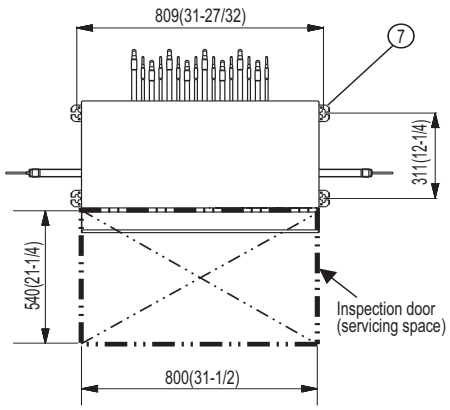
Notice

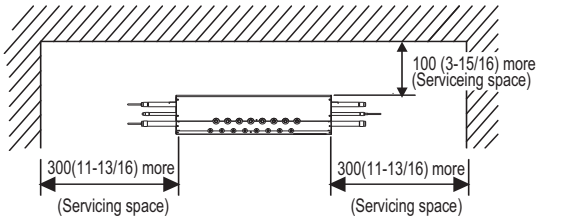
1. Be sure to install the inspection door at the control box side.
2. If reducers are used, servicing space must be increased equal to reducer's dimension.

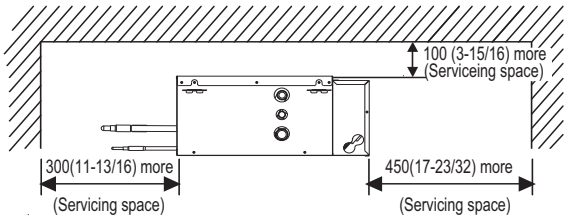
3. Installation Space

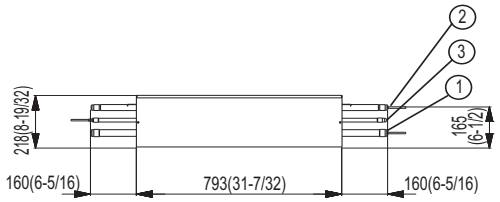
PRHR063 / PRHR083

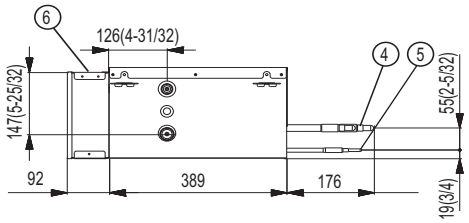
[Unit : mm(inch)]











No.	Part Name	Description
		PRHR063 / PRHR083
1	Low pressure Gas pipe connection port	Ø28.58(1-1/8) Brazing connection
2	High pressure Gas pipe connection port	Ø22.2(7/8) Brazing connection
3	Liquid pipe connection port	Ø15.88(5/8) Brazing connection
4	Indoor unit Gas pipe connection port	Ø15.88(5/8)~Ø12.7(1/2) Brazing connection
5	Indoor unit Liquid pipe connection port	Ø9.52(3/8)~Ø6.35(1/4) Brazing connection
6	Control box	-
7	Hanger metal	Suspension bolt M10 or M8

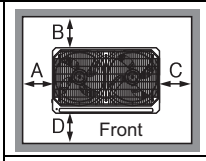
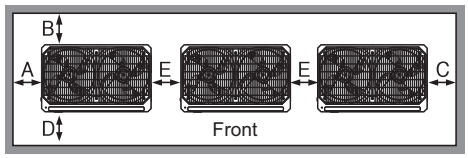
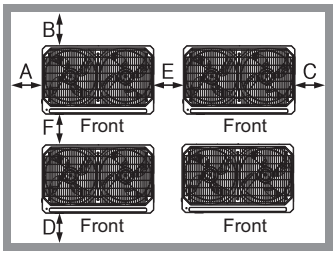
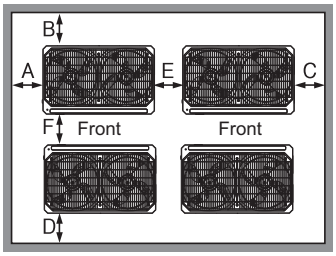
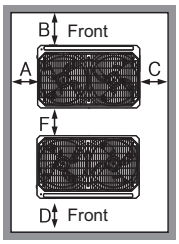
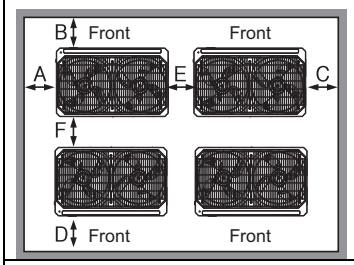
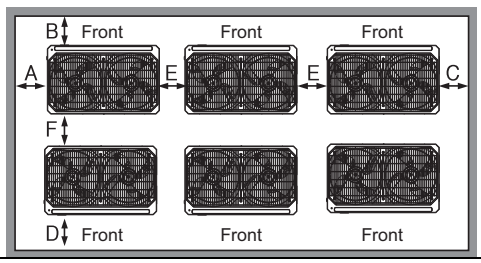
Notice

1. Be sure to install the inspection door at the control box side.
2. If reducers are used, servicing space must be increased equal to reducer's dimension.

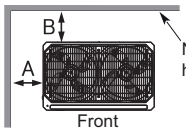
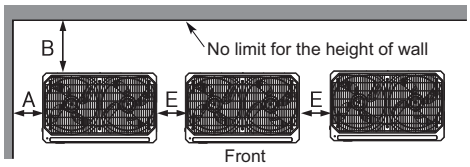
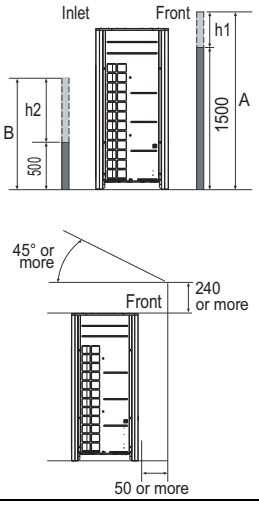
3. Installation Space

■ Required space around the unit

During the installation of the unit, consider service, inlet, and outlet and acquire the minimum space as shown in the figures below. Side space should be more than 49mm(1-15/16inch) for operating of Auto Dust Removal mode.

Category	Installation Space	Case 1 [Unit : mm(inch)] (10(13/32)≤Side Space≤49(1-15/16))	Case 2 [Unit : mm(inch)] (Side Space≥49(1-15/16))
4 sides are walls		A ≥ 10(13/32) B ≥ 300(11-13/16) C ≥ 10(13/32) D ≥ 500(19-11/16)	A ≥ 50(1-31/32) B ≥ 100(3-15/16) C ≥ 50(1-31/32) D≥ 500(19-11/16)
		A ≥ 10(13/32) B ≥ 300(11-13/16) C ≥ 10(13/32) D ≥ 500(19-11/16) E ≥ 20(25/32)	A ≥ 50(1-31/32) B ≥ 100(3-15/16) C ≥ 50(1-31/32) D ≥ 500(19-11/16) E ≥ 100(3-15/16)
		A ≥ 10(13/32) B ≥ 300(11-13/16) C ≥ 10(13/32) D ≥ 500(19-11/16) E ≥ 20(25/32) F ≥ 600(23-5/8)	A ≥ 50(1-31/32) B ≥ 100(3-15/16) C ≥ 50(1-31/32) D ≥ 500(19-11/16) E ≥ 100(3-15/16) F ≥ 500(19-11/16)
		A ≥ 10(13/32) B ≥ 300(11-13/16) C ≥ 10(13/32) D ≥ 300(11-13/16) E ≥ 20(25/32) F ≥ 500(19-11/16)	A ≥ 50(1-31/32) B ≥ 100(3-15/16) C ≥ 50(1-31/32) D ≥ 100(3-15/16) E ≥ 100(3-15/16) F ≥ 500(19-11/16)
Rear to Rear		A ≥ 10(13/32) B ≥ 500(19-11/16) C ≥ 10(13/32) D ≥ 500(19-11/16) F ≥ 900(35-7/16)	A ≥ 50(1-31/32) B ≥ 500(19-11/16) C ≥ 50(1-31/32) D ≥ 500(19-11/16) F ≥ 600(23-5/8)
		A ≥ 10(13/32) B ≥ 500(19-11/16) C ≥ 10(13/32) D ≥ 500(19-11/16) E ≥ 20(25/32) F ≥ 1200(47-1/4)	A ≥ 50(1-31/32) B ≥ 500(19-11/16) C ≥ 50(1-31/32) D ≥ 500(19-11/16) E ≥ 100(3-15/16) F ≥ 900(35-7/16)
		A ≥ 10(13/32) B ≥ 500(19-11/16) C ≥ 10(13/32) D ≥ 500(19-11/16) E ≥ 20(25/32) F ≥ 1800(70-7/8)	A ≥ 50(1-31/32) B ≥ 500(19-11/16) C ≥ 50(1-31/32) D ≥ 500(19-11/16) E ≥ 100(3-15/16) F ≥ 1200(47-1/4)

3. Installation Space

<table>
<tr><th>Category</th><th>Installation Space</th><th>Case 1
(10mm≤Side Space≤49mm)</th><th>Case 2
(Side Space≥49mm)</th></tr>
<tr><td rowspan="2">Only 2 sides are walls</td><td> 
</td><td>-</td><td>A ≥ 200(7-7/8)
B ≥ 300(11-13/16)</td></tr>
<tr><td> 
</td><td>-</td><td>A ≥ 200(7-7/8)
B ≥ 300(11-13/16)
E ≥ 400(15-3/4)</td></tr>
<tr><td>Limitations on the height of the wall (Refer to 4 side walls)</td><td> 
</td><td colspan="2">• The height of the wall on the front side must be 1500mm(59-1/16inch) or less.
• The height of the wall on the inlet side must be 500mm(19-11/16inch) or less.
• There is no limit to the wall on the side.
• If the height of the walls on the front and the side are higher than the limit, there must be additional space on the front and the side.
– Additional Space on the front side by 1/2 of h1.
– Additional Space on the inlet side by 1/2 of h2.
– h1 = A(Actual height) - 1500(59-1/16)
– h2 = B(Actual height) - 500(19-11/16)</td></tr>
</table>

■ Seasonal wind and cautions in winter

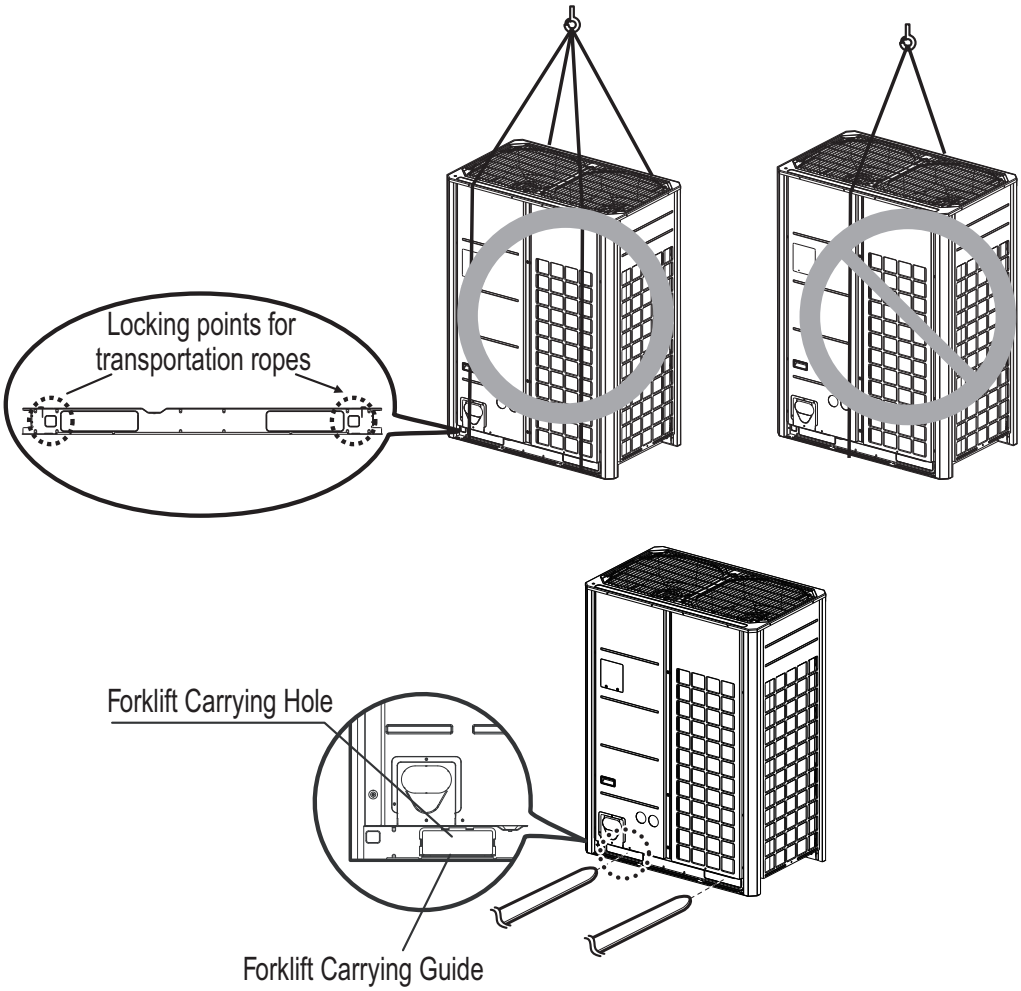
- Sufficient measures are required in a snow area or severe cold area in winter so that product can be operated well.
- Get ready for seasonal wind or snow in winter even in other areas.
- Install a suction and discharge duct not to let in snow or rain.
- Install the outdoor unit in such a way that it should not come in contact with snow directly. If snow piles up and freezes on the air suction hole, the system may malfunction. If it is installed at snowy area, attach the hood to the system.
- The raised support platform must be high enough to allow the unit to remain above possible snow drifts, and must be higher than the maximum anticipated snowfall for the location.
- Where snow accumulated on the upper part of the Outdoor Unit by more than 10cm(3-15/16inch), always remove snow for operation.

⚠ CAUTION

1. Don't install the suction hole and discharge hole of the Outdoor Unit facing the seasonal wind.

4. Lifting Method

- When carrying the suspended, unit pass the ropes under the unit and use the two suspension points each at the front and rear.
- Always lift the unit with ropes attached at four points so that impact is not applied to the unit.
- Attach the ropes to the unit at an angle of 40° or less.



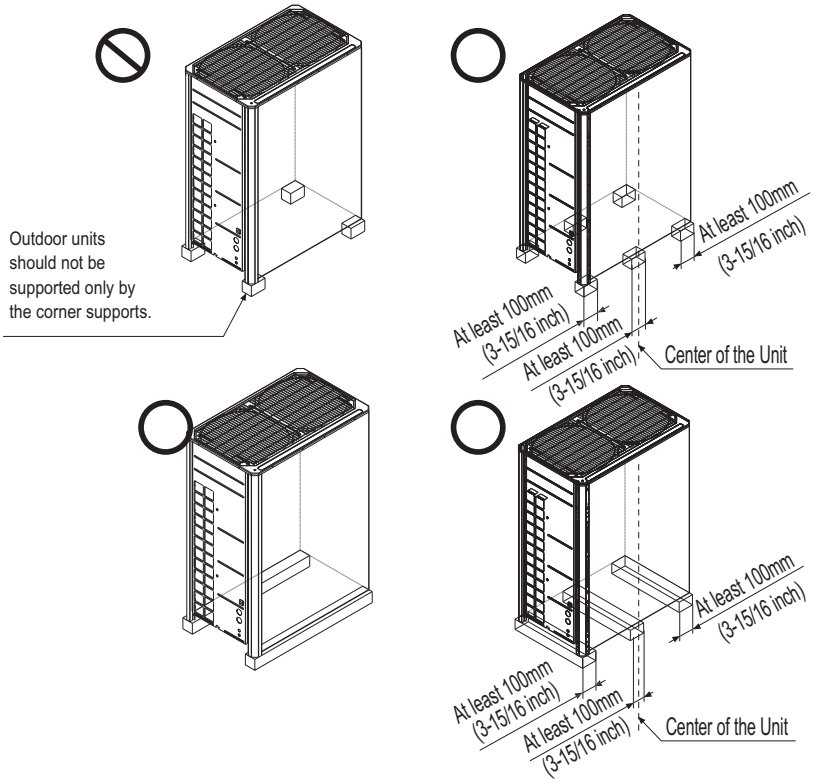
⚠ CAUTION

Be very careful while carrying the product.

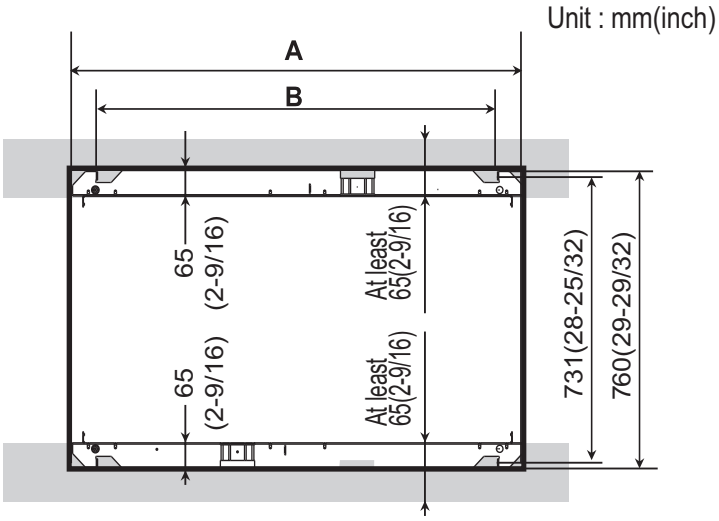
- Do not have only one person carry product if it is more than 20kg(441lbs).
- PP bands are used to pack some products. Do not use them as a mean for transportation because they aredangerous.
- Do not touch heat exchanger fins with your bare hands. Otherwise you may get a cut in your hands.
- Tear plastic packaging bag and scrap it so that children cannot play with it. Otherwise plastic packaging bag may suffocate children to death.
- When carrying in Outdoor Unit, be sure to support it at four points. Carrying in and lifting with 3-point support may make Outdoor Unit unstable, resulting in a fall.
- Use 2 belts of at least 8m(26.2ft) long.
- Place extra cloth or boards in the locations where the casing comes in contact with the sling to prevent damage.
- Hoist the unit making sure it is being lifted at its center of gravity.

5. Installation

- Install at places where it can endure the weight and vibration/noise of the outdoor unit.
- The outdoor unit support block at the bottom shall have width of at least 100mm(3-15/16inch) under the units legs before being fixed.
- The outdoor unit support block hould have minimum height of 200mm(7-7/8inch).
- Anchor bolts must be inserted at least 75mm(2-15/16inch).



5.1 The location of the Anchor bolts

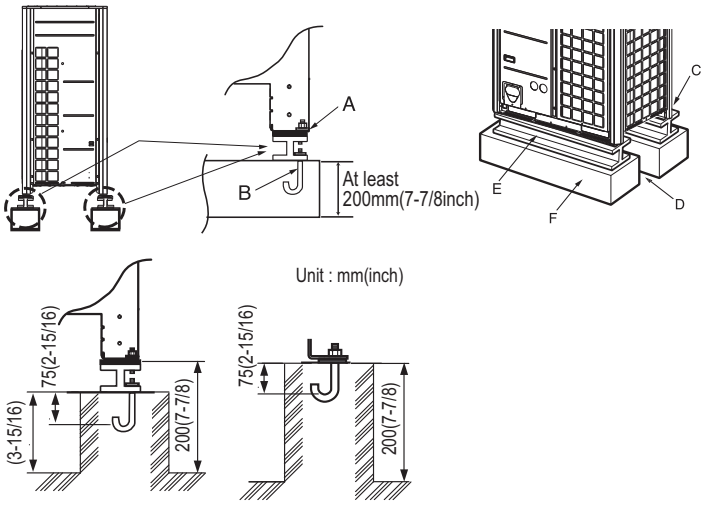


Chassis	A [mm(inch)]	B [mm(inch)]
UXA	930(36-5/8)	730(28-3/4)
UXB	1,240(48-13/16)	1,040(40-15/16)

5. Installation

5.2 Foundation for Installation

- Fix the unit tightly with bolts as shown below so that unit will not fall down due to earthquake or gust.
- Use the H-beam support as a base support
- Noise and vibration may occur from the floor or wall since vibration is transferred through the installation part depending on installation status. Thus, use anti-vibration materials (cushion pad) fully (The base pad shall be more than 200mm(7-7/8inch))



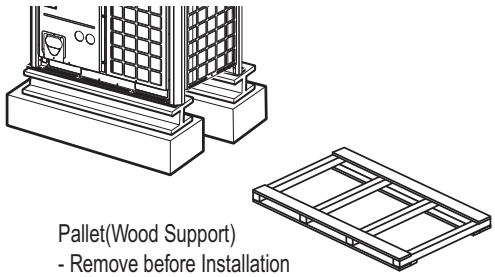
- A : The corner part must be fixed firmly. Otherwise, the support for the installation may be bent.
- B : Get and use M10 Anchor bolt.
- C: Put Cushion Pad between the outdoor unit and ground support for the vibration protection in wide area.
- D: Space for pipes and wiring (Pipes and wirings for bottom side)
- E : H-beam support
- F: Concrete support

⚠ WARNING

- Install where it can sufficiently support the weight of the outdoor unit.
  If the support strength is not enough, the outdoor unit may drop and hurt people.
- Install where the outdoor unit may not fall in strong wind or earthquake.
  If there is a fault in the supporting conditions, the outdoor unit may fall and hurt people.
- Please take extra cautions on the supporting strength of the ground, liquid outlet treatment(treatment of the liquid flowing out of the outdoor unit in operation), and the passages of the pipe and wiring, when making the ground support.
- Do not use tube or pipe for liquid outlet in the Base pan. Use drainage instead for liquid outlet. The tube or pipe may freeze and the liquid may not be drained.

⚠ CAUTION

- Be sure to remove the MDF(wood support) of the bottom side of the outdoor unit Base Pan before fixing the bolt. It may cause the unstable state of the outdoor settlement, and may cause freezing of the heat exchanger resulting in abnormal operations.
- Be sure to remove the MDF(wood support) of the bottom side of the outdoor unit before welding. Not removing MDF causes hazard of fire during welding.



Pallet(Wood Support)
- Remove before Installation

6. Refrigerant piping Installation

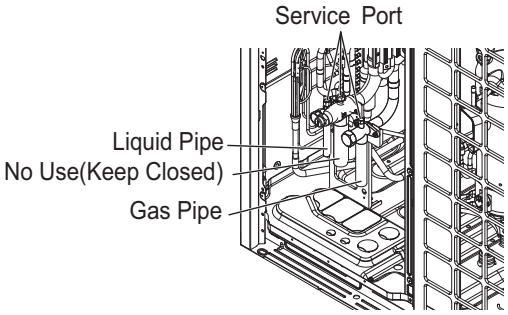
6.1 Precautions on Pipe connection / Valve operation

Pipe connection is done by connecting from the end of the pipe to the branching pipes, and the refrigerant pipe coming out of the outdoor unit is divided at the end to connect to each indoor unit. Flare connection for the indoor unit, and welding connection for the outdoor pipe and the branching parts.

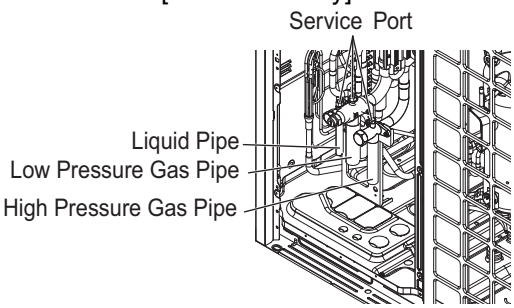
- Use hexagonal wrench to open/close the valve.

- In case of installing as heat pump system, be sure to maintain to close no use pipe like below picture.

[Heat Pump]



[Heat Recovery]



⚠ WARNING

- Always careful not to leak the refrigerant during welding.
- The refrigerant generates poisonous gas harmful to human body if combusted.
- Do not perform welding in a closed space.
- Be sure to close the cap of the service port to prevent gas leakage after the work.

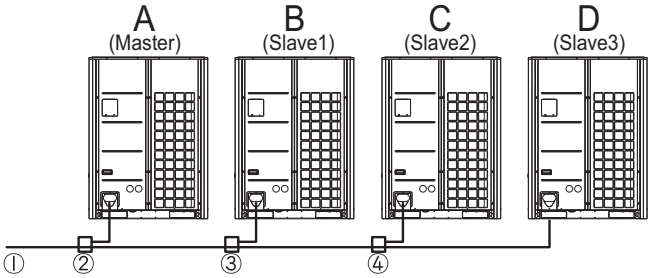
⚠ CAUTION

Please block the pipe knock outs of the front and side panels after installing the pipes.
(Animals or foreign objects may be brought in to damage the cables.)

6. Refrigerant piping Installation

6.2 Connection of Outdoor units

When installing outdoor unit series, refer below picture.



A≥B≥C≥D

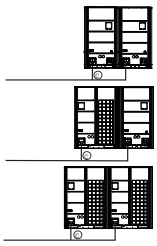
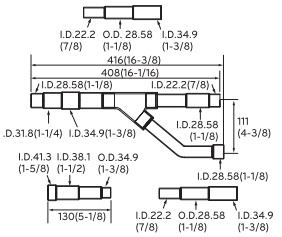
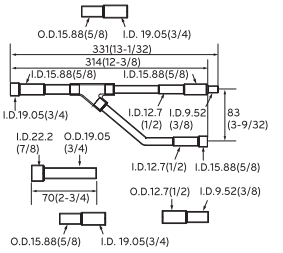
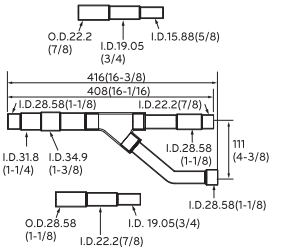
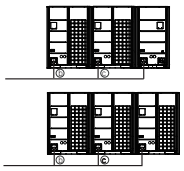
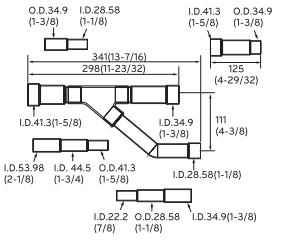
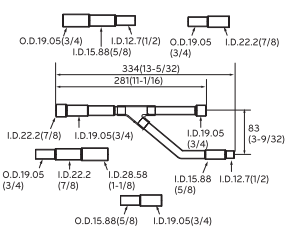
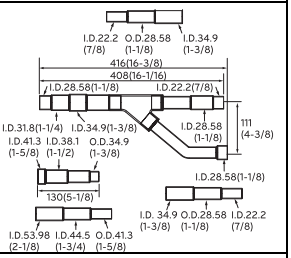
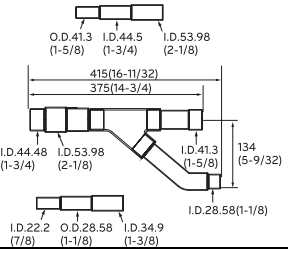
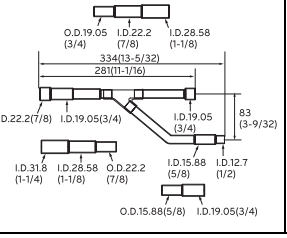
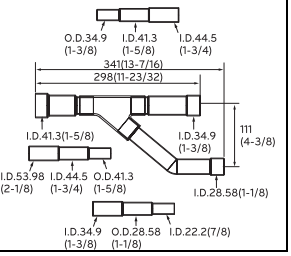
① Indoor unit side connection pipe

② Outdoor unit to outdoor unit connection pipe (1st branch)

③ Outdoor unit to outdoor unit connection pipe (2st branch)

④ Outdoor unit to outdoor unit connection pipe (3rd branch)

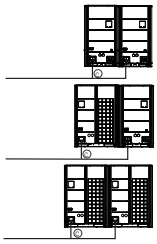
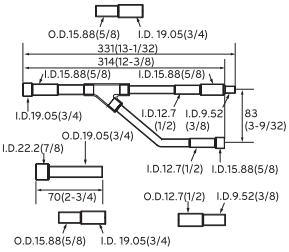
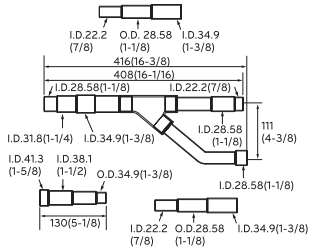
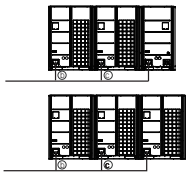
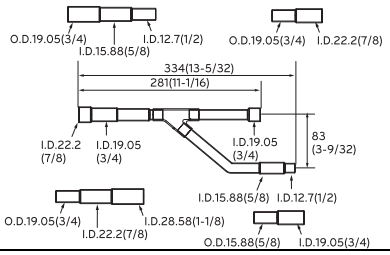
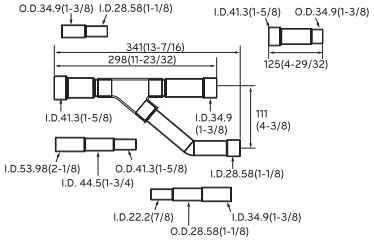
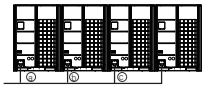
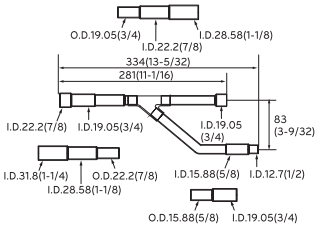
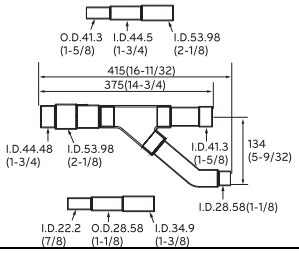
■ Heat Recovery System

Outdoor unit		Model	Low Pressure Gas pipe [unit:mm(inch)]	Liquid pipe [unit:mm(inch)]	High Pressure Gas pipe [unit:mm(inch)]
2 unit		ⓒ ARCNB21			
3 unit		ⓑ ARCNB31			
4 unit		ⓐ ARCNB41			

For more information including installation method of connection pipe, refer accessory installation manual.

6. Refrigerant piping Installation

■ Heat Pump System

Outdoor unit		Model	Liquid pipe [unit:mm(inch)]	Gas pipe [unit:mm(inch)]
2 unit		ⓒ ARCNN21		
3 unit		ⓑ ARCNN31		
4 unit		ⓐ ARCNN41		

For more information including installation method of connection pipe, refer accessory installation manual.

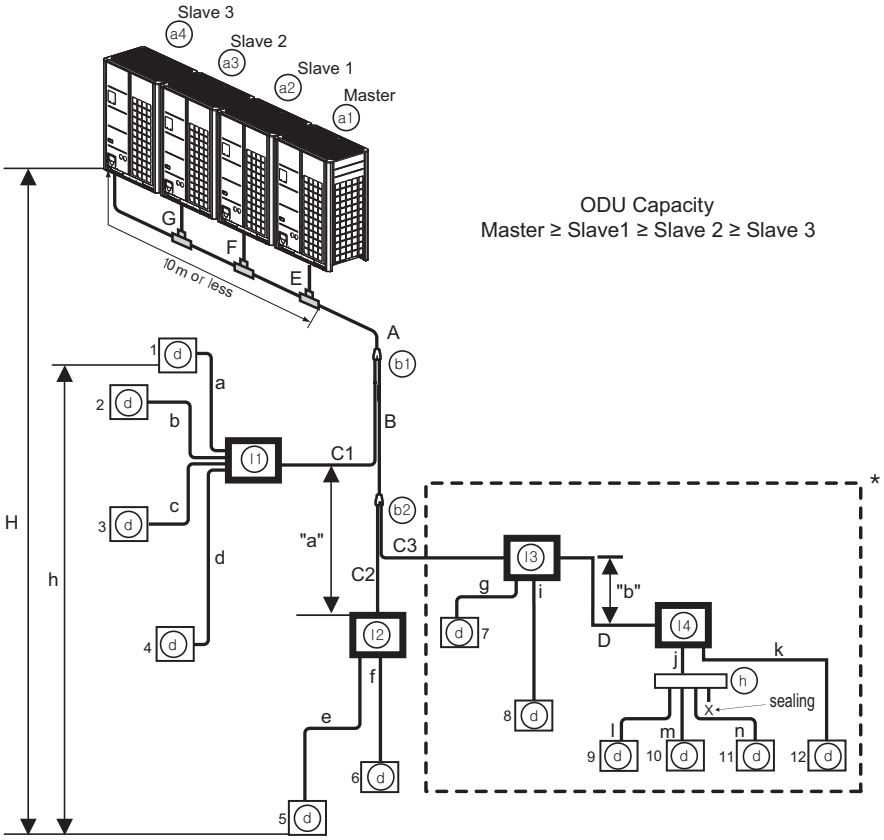
7. Refrigerant piping system

7.1 Pipe Connection Method between outdoor unit/indoor unit

7.1.1 Heat Recovery System : 4 Outdoor Units

Example : 12 Indoor Units connected

ⓐ Outdoor Unit
ⓑ Y branch
ⓓ Indoor Units
E : Connection branch pipe between Outdoor units : ARCNB41
F : Connection branch pipe between Outdoor units : ARCNB31
G: Connection branch pipe between Outdoor units : ARCNB21
ⓗ Header
ⓘ HR Unit



- Case 1 ("a") : Maximum height is 30m(98.4ft) if you install with Y branch.
- Case 2 ("b") : Maximum height is 5m(16.4ft) in serial connection of HR units.

⚠ WARNING

- **Branch pipe can not be used after header**
- **It is recommended that difference in length of the pipes connected to the indoor units (a~f) is minimized. The large difference in pipe lengths, the more different performance between indoor units.**
- *** : Serial connection of HR units : Capacity sum of indoor units ≤ 230 kBtu/h**

  If the large capacity indoor units (Over 5 HP; using overØ15.88/Ø9.52) are installed, it should be used the Valve Group setting.
- **Refer to the HR unit PCB part for the valve group control setting.**
- **Piping length from outdoor branch to outdoor unit ≤ 10m(32.8ft), equivalent length : max 13m(42.7ft) (for 2 units combination or more)**

7. Refrigerant piping system

■ Total pipe length = A+B+C1+C2+C3+D+a+b+c+d+e+f+g+i+j+k+l+m+n ≤ 1,000

Max.pipe length	Total pipe length (A+B+C1+C2+C3+D+a+b+c+d+e+f+g+i+j+k+l+m+n)		1,000m [3,281ft]
	L	Longest pipe length (A+B+C3+D+k) : between Outdoor Unit and Indoor Unit	150m [492ft] (200m [656ft]**)
		Longest pipe Equivalent length* : between Outdoor Unit and Indoor Unit	175m [574ft] (225m [738ft]**)
	l	Longest pipe length after 1st branch	40m [131ft] (90m [295ft]**)
Max.difference in height	H	Between Outdoor Unit and Indoor Unit	110m [361ft]
	h	Between Indoor Unit and Indoor Unit	40m [131ft]
	h1	Between Outdoor Unit and Outdoor Unit	5m [16.4ft]
	h2	Between Indoor Unit and HR Unit	15m [49.2ft]
	a	Between HR Unit and HR Unit	30m [98.4ft]
	b	Between HR Unit and HR Unit within same branch	5m [16.4ft]

Note

- * : Assume equivalent piping length of Y branch to be 0.5m (1.64ft), that of header to be 1m (3.28ft), calculation purpose.
- ** : To apply Conditional Application

⚠ WARNING

When the any one (or both) of below conditions are satisfied, the diameter of main pipe (A) must be increased according to below table.

- **The equivalent length between outdoor unit and the farthest indoor unit is 90m (295ft) or more (Liquid or Gas pipes are increased in accordance with below table)**
- **The level difference (Outdoor unit ↔ Indoor unit) is 50m (164ft) or more (Only liquid pipe is increased)**

■ Refrigerant pipe diameter from outdoor unit to first branch. (A)

Upward Outdoorunit total capacity	Standard Pipe Diameter			When equivalent pipe length is 90m(295ft) or more from ODU to farthest IDU		
HP	Liquid pipe[mm(inch)]	Low Pressure Gaspipe [mm(inch)]	High Pressure Gaspipe [mm(inch)]	Liquid pipe[mm(inch)]	Low Pressure Gaspipe [mm(inch)]	High Pressure Gaspipe [mm(inch)]
8	Ø 9.52 (3/8)	Ø 19.05 (3/4)	Ø 15.88 (5/8)	Ø 12.7 (1/2)	Not increased	Not increased
10	Ø 9.52 (3/8)	Ø 22.2 (7/8)	Ø 19.05 (3/4)	Ø 12.7 (1/2)	Not increased	Not increased
12	Ø 12.7 (1/2)	Ø 28.58 (1-1/8)	Ø 19.05 (3/4)	Ø 15.88 (5/8)	Not increased	Not increased
14 ~ 16	Ø 12.7 (1/2)	Ø 28.58 (1-1/8)	Ø 22.2 (7/8)	Ø 15.88 (5/8)	Not increased	Not increased
18 ~ 20	Ø 15.88 (5/8)	Ø 28.58 (1-1/8)	Ø 22.2 (7/8)	Ø 19.05 (3/4)	Not increased	Not increased
22	Ø 15.88 (5/8)	Ø 28.58 (1-1/8)	Ø 28.58 (1-1/8)	Ø 19.05 (3/4)	Not increased	Not increased
24	Ø 15.88 (5/8)	Ø 34.9 (1-3/8)	Ø 28.58 (1-1/8)	Ø 19.05 (3/4)	Not increased	Not increased
26 ~ 34	Ø 19.05 (3/4)	Ø 34.9 (1-3/8)	Ø 28.58 (1-1/8)	Ø 22.2 (7/8)	Not increased	Not increased
36	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)	Ø 28.58 (1-1/8)	Ø 22.2 (7/8)	Not increased	Not increased
38 ~ 60	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)	Ø 34.9 (1-3/8)	Ø 22.2 (7/8)	Not increased	Not increased
62 ~ 64	Ø 22.2 (7/8)	Ø 41.3 (1-5/8)	Ø 34.9 (1-3/8)	Ø 25.4 (1) *	Not increased	Not increased
66 ~ 96	Ø 22.2 (7/8)	Ø 53.98 (2-1/8)	Ø 41.3 (1-5/8)	Ø 25.4 (1) *	Not increased	Not increased

Note

- * : If available on site, select pipe size from the pipe diameter table according to capacity. Otherwise it doesn't need to be increased.
- Model line up could be different in accordance with target region.

7. Refrigerant piping system

■ Refrigerant pipe diameter from branch to branch (B,C)

Downward indoorunit total capacity[kW(Btu/h)]	Liquid pipe[mm(inch)]	Gas pipe [mm(inch)]	
		Low pressure	High pressure
≤ 5.6(19,100)	Ø6.35(1/4)	Ø12.7(1/2)	Ø9.52(3/8)
< 16.0 (54,600)	Ø9.52(3/8)	Ø15.88(5/8)	Ø12.7(1/2)
< 22.4 (76,400)	Ø9.52(3/8)	Ø19.05(3/4)	Ø15.88(5/8)
< 33.6(114,700)	Ø9.52(3/8)	Ø22.2(7/8)	Ø19.05(3/4)
< 50.4(172,000)	Ø12.7(1/2)	Ø28.58(1-1/8)	Ø22.2(7/8)
< 67.2(229,300)	Ø15.88(5/8)	Ø28.58(1-1/8)	Ø22.2(7/8)
< 72.8(248,400)	Ø15.88(5/8)	Ø34.9(1-3/8)	Ø28.58(1-1/8)
< 100.8(344,000)	Ø19.05(3/4)	Ø34.9(1-3/8)	Ø28.58(1-1/8)
< 173.6(592,500)	Ø19.05(3/4)	Ø41.3(1-5/8)	Ø34.9(1-3/8)
< 184.8(630,700)	Ø22.2(7/8)	Ø41.3(1-5/8)	Ø34.9(1-3/8)
≤ 291.2(993,600)	Ø22.2(7/8)	Ø53.98(2-1/8)	Ø41.3(1-5/8)

■ (**) Conditional Application

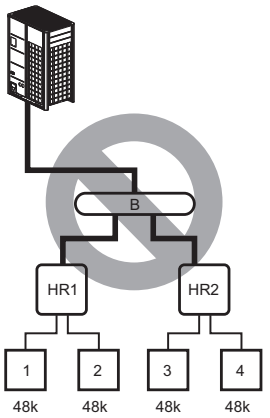
If the below conditions are satisfied, limit of longest pipe length after 1st branch(*l*) could be extended by 40m (131ft)→ 90m(295ft).

1. **Pipe diameter Size Up**
   Pipe diameter(only Liquid/low pressure gas pipes) between 1st branch and last branch(HR unit) is increased by one step. If the pipe diameter of B, C3 is same as A, it is not necessary.
   : Ø 6.35 → Ø 9.52 → Ø 12.7 → Ø 15.88 → Ø 19.05 → Ø 22.2 → ...
   If available on site, select pipe size from the pipe diameter table according to capacity.
   Otherwise it doesn't need to be increased.
2. **Correction for calculating the total pipe length**
   When calculating total pipe length, pipe B,C,D length should be calculated twice.
   : A + B x 2 + C3 x 2 + D x 2 + C1 + C2 + a + b + c + d + e + f + g + i + j + k + l + m + n ≤ 1,000m (3,281ft)
3. **Indoor unit pipe length**
   Length of pipe from each indoor unit to the closest HR unit (a, b, c, d, e, f, g, i, j, k, l, m, n) ≤ 40m (131ft).
4. **Difference in length between outdoor unit and the farthest or closest indoor unit**
   [Length of pipe from outdoor unit to the farthest indoor unit 12 (B + C3 + D + k)]
   - [Length of pipe from outdoor unit to the closest indoor unit 1 (C1 + a)] ≤ 40m (131ft)

7. Refrigerant piping system

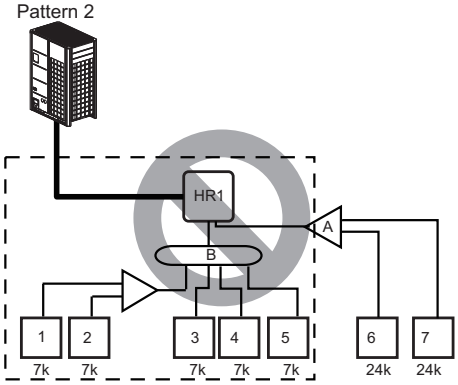
■ Y branch, Header and HR unit connection pattern

Pattern 1



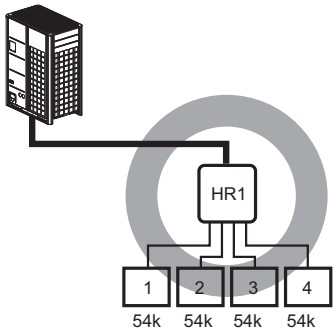
• Impossible installation : Head branch pipe → HR unit

Pattern 2



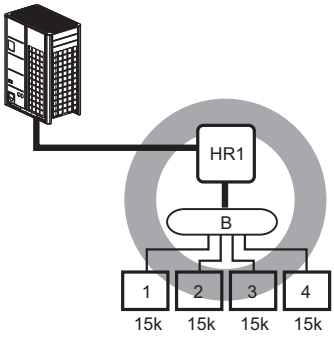
• Impossible installation : HR unit → Head branch pipe → Y and Head branch pipe.

Pattern 3



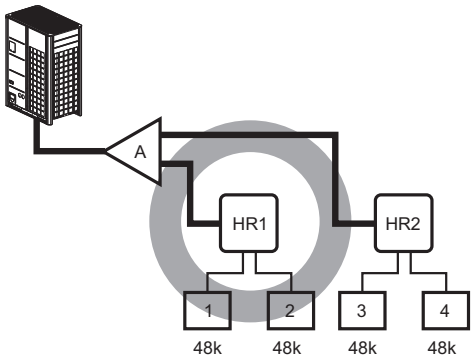
• The maximum total capacity of indoor units is 67.4kW(230 kBtu/h).

Pattern 4

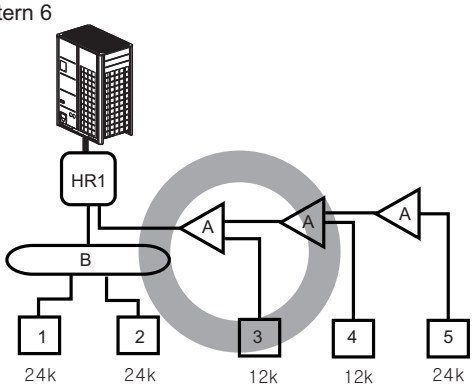


• The maximum total capacity of a branch pipe of HR unit is 17.5kW(60 kBtu/h).

Pattern 5



Pattern 6

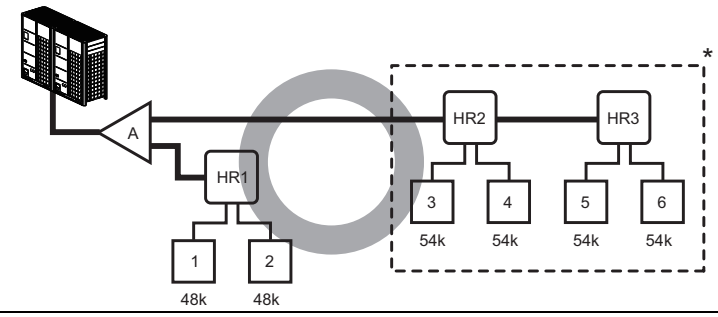


Note

- If the large capacity(76kBtu/h and 96kBtu/h unit) indoor units are installed, two neighboring outlets of one HR unit are linked by Y branch pipe and connected to one indoor unit.

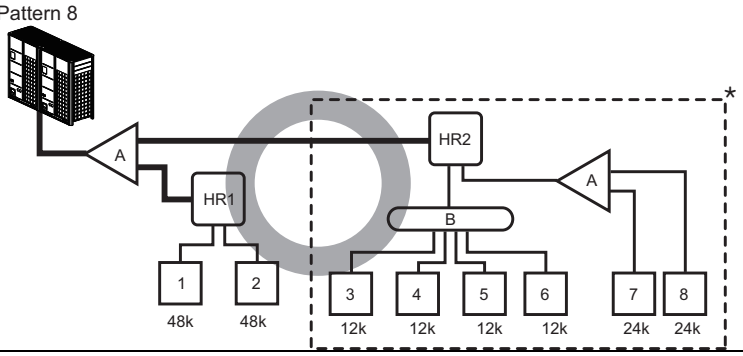
7. Refrigerant piping system

Pattern 7

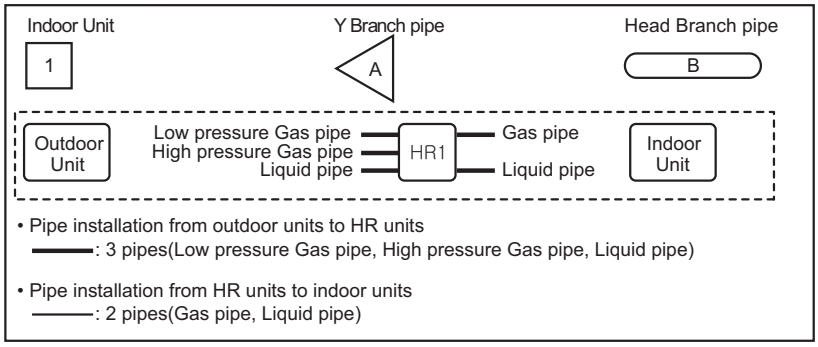


* : Serial connection of HR units : Capacity sum of indoor units ≤ 230 kBtu/h

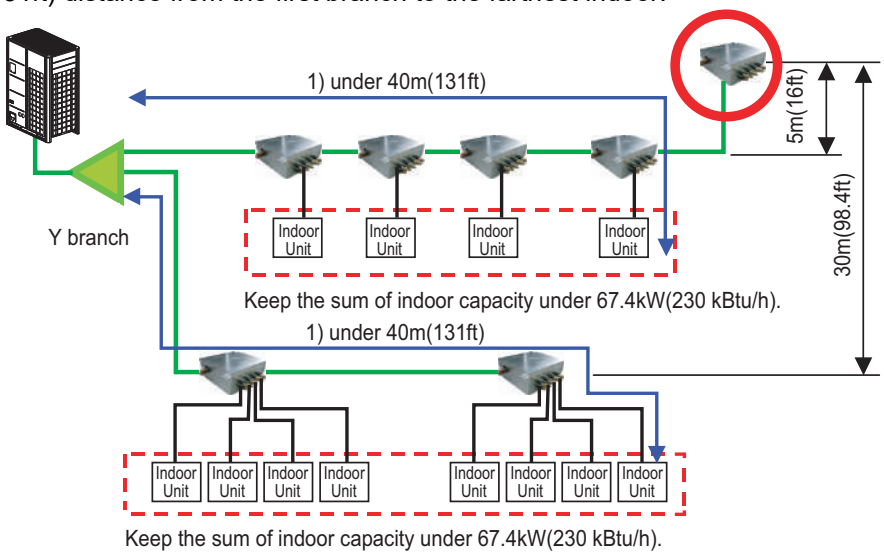
Pattern 8



* : Maximum indoor units per a branch are 8 indoor units



- Keep the 40m(131ft) distance from the first branch to the farthest indoor.



Note

- If the large capacity(76kBtu/h and 96kBtu/h grade) indoor units are installed, two neighboring outlets of one HR unit are linked by Y branch pipe and connected to one indoor unit.

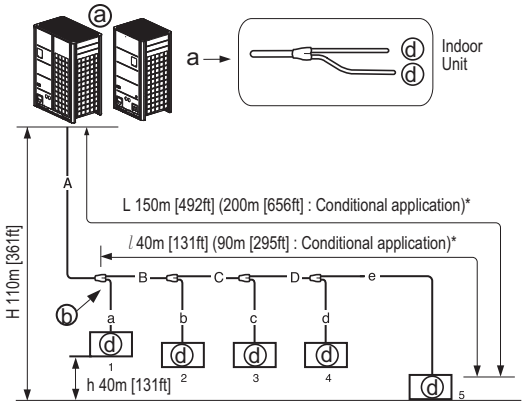
7. Refrigerant piping system

7.1.2 Heat Pump System

■ Single Outdoor Unit Connection

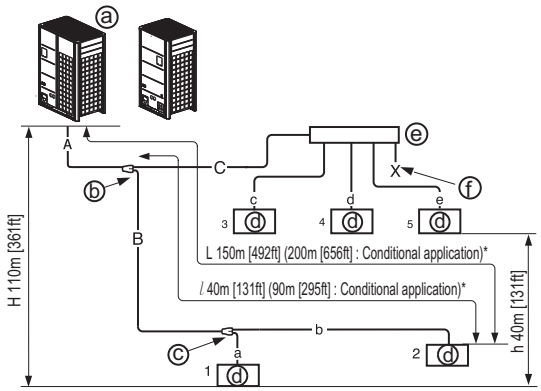
Y branch method

ⓐ Outdoor Unit
ⓑ 1st branch (Y branch)
ⓓ Indoor Units



Combination of Y branch / header method

ⓐ Outdoor Unit
ⓑ 1st branch (Y branch)
ⓒ Y branch
ⓓ Indoor Units
ⓔ Header
ⓕ Sealed piping



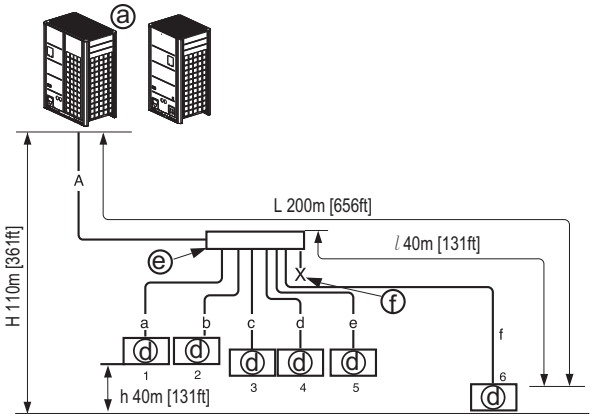
Header method

ⓐ Outdoor Unit
ⓓ Indoor Units
ⓔ Header
ⓕ Sealed piping

⚠ WARNING

Pipe length after header branching

- **It is recommended that difference in length of the pipes connected to the indoor units (a~f) is minimized.**
  Performance difference between indoor units may occur.



⚠ WARNING

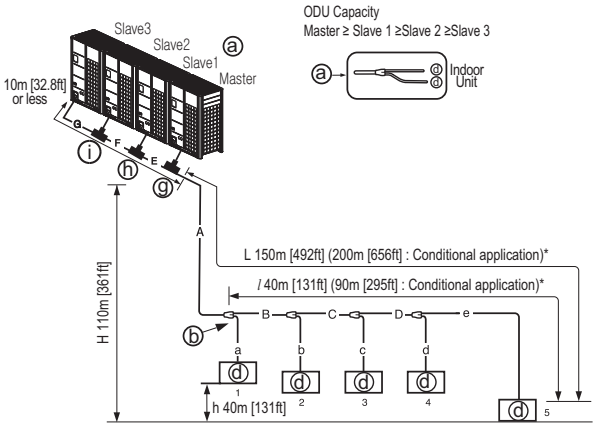
- **Branch pipe can not be used after header**

7. Refrigerant piping system

■ Series Outdoor Unit Connection

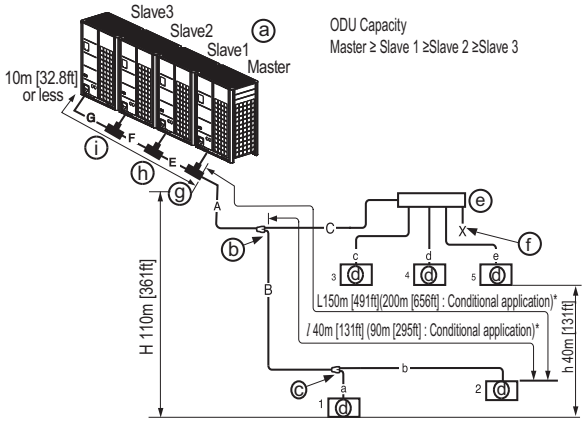
Y branch method

ⓐ Outdoor Unit
ⓑ 1st branch (Y branch)
ⓓ Indoor Units
ⓖ Connection branch pipe between outdoor units (ARCNN41)
ⓗ Connection branch pipe between outdoor units (ARCNN31)
ⓘ Connection branch pipe between outdoor units (ARCNN21)



Combination of Y branch / header Method

ⓐ Outdoor Unit
ⓑ 1st branch (Y branch)
ⓒ Y branch
ⓓ Indoor Units
ⓔ Header
ⓕ Sealed piping
ⓖ Connection branch pipe between outdoor units (ARCNN41)
ⓗ Connection branch pipe between outdoor units (ARCNN31)
ⓘ Connection branch pipe between outdoor units (ARCNN21)



Header Method

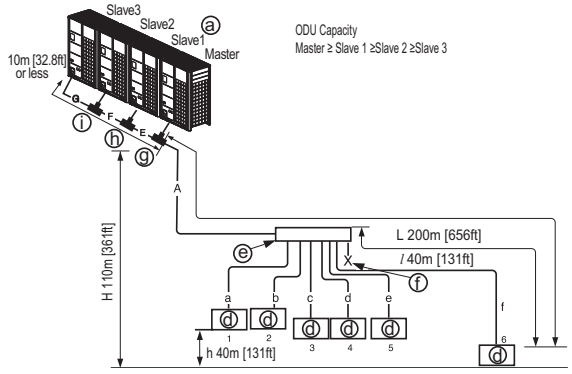
ⓐ Outdoor Unit
ⓓ Indoor Units
ⓔ Header
ⓕ Sealed piping
ⓖ Connection branch pipe between outdoor units (ARCNN41)
ⓗ Connection branch pipe between outdoor units (ARCNN31)
ⓘ Connection branch pipe between outdoor units (ARCNN21)

⚠ WARNING

Pipe length after header branching

- **It is recommended that difference in length of the pipes connected to the indoor units (a~f) is minimized.**

  Performance difference between indoor units may occur.



⚠ WARNING

- **Branch pipe can not be used after header**

≫ Maximum number of connectable units could be different in accordance with model line up of target region.

7. Refrigerant piping system

■ Limits of pipe length and difference in height

Connection method		Y branch only	Combination of Y branch/header	Header only
Max.pipe length	Longest pipe length (L) : between Outdoor Unit and Indoor Unit	A+B+C+D+e ≤ 150m [492ft] (200m [656ft]**)	A+B+b ≤ 150m [492ft]) (200m [656ft]**) A+C+e ≤ 150m [492ft] (200m [656ft]**)	A+f ≤ 200m [656ft]
	Longest pipe equivalent length* (L) : between Outdoor Unit and Indoor Unit	175m [574ft] (225m [738ft]**)	175m [574ft] (225m [738ft]**)	225m [738ft]
	Longest pipe length after 1st branch (*l*)	40m [131ft] (90m [295ft]**)	40m [131ft] (90m [295ft]**)	40m [131ft]
	Total pipe length	1,000m [3,281ft]	1,000m [3,281ft]	1,000m [3,281ft]
Max.difference in height	Difference in height (H) : between Outdoor Unit and Indoor Unit	110m [361ft]	110m [361ft]	110m [361ft]
	Difference in height (h) : between Indoor Unit and Indoor Unit	40m [131ft]	40m [131ft]	40m [131ft]

Note

- * : Assume equivalent piping length of Y branch to be 0.5m (1.64ft), that of header to be 1m (3.28ft), calculation purpose.
- ** : To apply Conditional Application

⚠ WARNING

When the any one (or both) of below conditions are satisfied, the diameter of main pipe (A) must be increased according to below table.

- **The equivalent length between outdoor unit and the farthest indoor unit is 90m (295ft) or more (Liquid or Gas pipes are increased in accordance with below table)**
- **The level difference (Outdoor unit ↔ Indoor unit) is 50m (164ft) or more (Only liquid pipe is increased)**

■ Refrigerant pipe diameter from outdoor unit to first branch. (A)

Upward Outdoor unit total capacity	Standard Pipe Diameter		Increased Pipe Diameter			
			When equivalent pipe length is 90m(295ft) or more from ODU to farthest IDU		When level difference is 50m or more	
HP	Liquid pipe [mm(inch)]	Gas pipe [mm(inch)]	Liquid pipe [mm(inch)]	Gas pipe [mm(inch)]	Liquid pipe [mm(inch)]	Gas pipe [mm(inch)]
8	Ø 9.52(3/8)	Ø 19.05(3/4)	Ø 12.7(1/2)	Ø 22.2(7/8)	Ø 12.7(1/2)	not increased
10	Ø 9.52(3/8)	Ø 22.2(7/8)	Ø 12.7(1/2)	Ø 25.4(1) *	Ø 12.7(1/2)	not increased
12 ~ 14	Ø 12.7(1/2)	Ø 28.58(1-1/8)	Ø 15.88(5/8)	not increased	Ø 15.88(5/8)	not increased
16	Ø 12.7(1/2)	Ø 28.58(1-1/8)	Ø 15.88(5/8)	Ø 31.8(1-1/4) *	Ø 15.88(5/8)	not increased
18 ~ 22	Ø 15.88(5/8)	Ø 28.58(1-1/8)	Ø 19.05(3/4)	Ø 31.8(1-1/4) *	Ø 19.05(3/4)	not increased
24	Ø 15.88(5/8)	Ø 34.9(1-3/8)	Ø 19.05(3/4)	not increased	Ø 19.05(3/4)	not increased
26 ~ 34	Ø 19.05(3/4)	Ø 34.9(1-3/8)	Ø 22.2(7/8)	Ø 38.1(1-1/2) *	Ø 22.2(7/8)	not increased
36 ~ 60	Ø 19.05(3/4)	Ø 41.3(1-5/8)	Ø 22.2(7/8)	not increased	Ø 22.2(7/8)	not increased
62 ~ 64	Ø 22.2(7/8)	Ø 41.3(1-5/8)	Ø 25.4(1) *	Ø 53.98(2-1/8)	Ø 25.4(1) *	not increased
66 ~ 96	Ø 22.2(7/8)	Ø 53.98(2-1/8)	Ø 25.4(1) *	not increased	Ø 25.4(1) *	not increased

Note

- * : If available on site, select pipe size from the pipe diameter table according to capacity. Otherwise it doesn't need to be increased.
- Model line up could be different in accordance with target region.

7. Refrigerant piping system

■ Refrigerant pipe diameter from branch to branch (B,C,D)

Downward Indoor Unit total capacity [kW(Btu/h)]	Liquid pipe [mm(inch)]	Gas pipe [mm(inch)]
≤ 5.6(19,100)	Ø6.35(1/4)	Ø12.7(1/2)
< 16.0(54,600)	Ø9.52(3/8)	Ø15.88(5/8)
< 22.4(76,400)	Ø9.52(3/8)	Ø19.05(3/4)
< 33.6(114,700)	Ø9.52(3/8)	Ø22.2(7/8)
< 50.4(172,000)	Ø12.7(1/2)	Ø28.58(1-1/8)
< 67.2(229,300)	Ø15.88(5/8)	Ø28.58(1-1/8)
< 72.8(248.400)	Ø15.88(5/8)	Ø34.9(1-3/8)
< 100.8(344,000)	Ø19.05(3/4)	Ø34.9(1-3/8)
< 173.6(592,500)	Ø19.05(3/4)	Ø41.3(1-5/8)
< 184.8(630,700)	Ø22.2(7/8)	Ø41.3(1-5/8)
≤ 291.2(993,600)	Ø22.2(7/8)	Ø53.98(2-1/8)

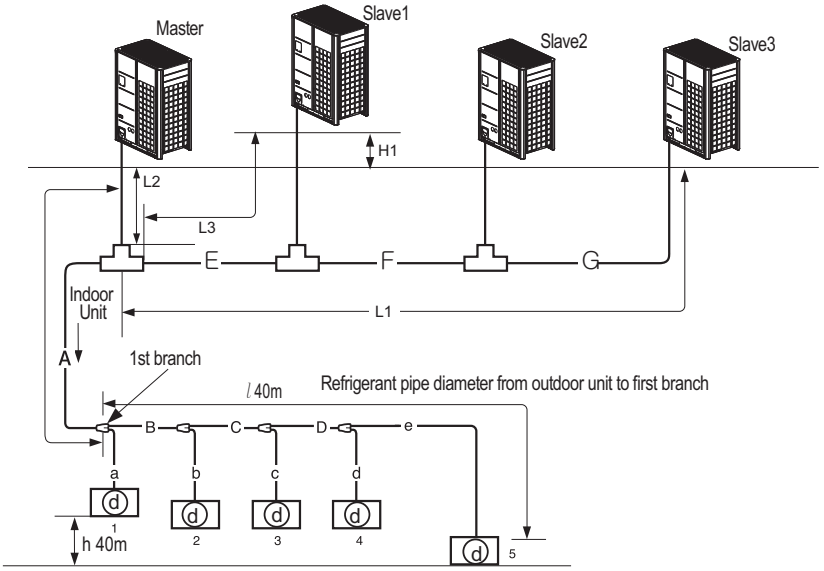
■ Conditional Application (only for Y Branch method)

If the below conditions are satisfied, limit of longest pipe length after 1st branch(*l*) could be extended by 40 m → 90 m.

1. **Pipe diameter Size Up**
   Pipe diameter(Liquid/Gas pipes) between 1st branch ↔ last branch(B,C,D) is increased by on step.
   If the pipe diameter of B,C,D is same as A, it is not necessary.
   : Ø 6.35 → Ø 9.52 → Ø 12.7 → Ø 15.88 → Ø 19.05 → Ø 22.2 → ...
   If available on site, select pipe size from the pipe diameter table according to capacity.
   Otherwise it doesn't need to be increased.
2. **Correction for calculating the total pipe length**
   When calculating total pipe length, pipe B,C,D length should be calculated twice.
   : A+Bx2+Cx2+Dx2+a+b+c+d+e ≤ 1,000 m
3. **Indoor unit pipe length**
   Length of pipe from each indoor unit to the closest branch (a, b, c, d, e) ≤ 40 m.
4. **Difference in length between outdoor unit and the farthest or closest indoor unit**
   [Length of pipe from outdoor unit to the farthest indoor unit 5 (A + B + C + D + e)]
   - [Length of pipe from outdoor unit to the closest indoor unit 1 (A + a)] ≤ 40 m
5. **After 1st branch directly connected indoor unit**
   When installing pipe(a) of Indoor unit directly connected after 1st branch more than 40m and less than 90m,
   -Pipe diameter is increased by one step.
   : Ø 6.35 → Ø 9.52 → Ø 12.7 → Ø 15.88 → Ø 19.05 → Ø 22.2 → ...
   -Pipe length should be calculated twice.
   : A+Bx2+Cx2+Dx2+ax2+b+c+d+e ≤ 1,000 m

7. Refrigerant piping system

■ Outdoor unit Connection



* Maximum number of connectable units could be different in accordance with model line up of target region.

A : Refrigerant pipe diameter from outdoor unit to first branch

E : Refrigerant pipe diameter for outdoor unit capacity (Slave 1+ Slave 2+ Slave 3)

F : Refrigerant pipe diameter for outdoor unit capacity (Slave 2+ Slave 3)

G : Refrigerant pipe diameter for outdoor unit capacity (Slave 3)

Level Difference (Outdoor unit ↔ Outdoor unit)	5m [16.4ft]
Max length from first branch to each outdoor unit (L1, L2, L3)	Less than 10m [32.8ft] (equivalent length of piping 13m [42.7ft])

⚠ WARNING

- **In case of pipe diameter connected after first branch(B) is bigger than the main pipe diameter(A), B should be of the same size with A.**
- **Do not choose the main pipe diameter by downward indoor unit total capacity, but its outdoor unit model name.**
- **Do not let the connection pipe from branch to branch exceed the main pipe diameter chosen by outdoor unit model name.**

[Example 1] In case indoor unit combination ratio 120% is connected to 24HP(67.2 kW) outdoor unit.

1. Outdoor unit main pipe diameter A : Ø34.9(Gas pipe), Ø15.88(liquid pipe)
2. Pipe diameter B after first branch according to 120% indoor unit ombination(80.6kW) : Ø34.9(gas pipe), Ø19.05(liquid pipe)

Therefore, pipe diameter B connected after first branch would be Ø34.9(gas pipe) / Ø15.88(liquid pipe) which is same with main pipe diameter.

[Example 2] Where connecting the indoor units to the 22 HP (61.6 kW) outdoor unit to 130% of its system capacity (80.1kW) and branching 7k (2.2kW) indoor unit at the 1st branch.

1. Main pipe diameter(22 HP outdoor unit): Ø28.58(gas pipe), Ø15.88(Liquid pipe)
2. Pipe diameter between 1st and 2nd branch (77.9kW indoor units) :
   Ø34.9(Gas pipe), Ø19.05(Liquid pipe) in conformity with downward indoor units.

Since the main pipe diameter of 22HP outdoor unit is Ø28.58(gas pipe), Ø15.88(Liquid pipe) is used as the main pipe and the connection pipe between 1st and 2nd branch.

7. Refrigerant piping system

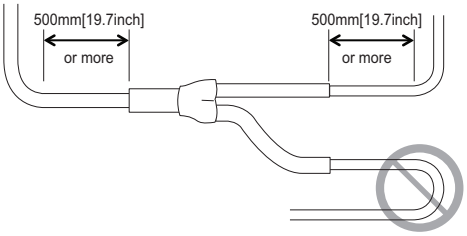
7.2 Indoor Unit Connection

◆ Indoor Unit connecting pipe from branch (a, b, c, d, e, f)

Indoor Unit capacity [kW(Btu/h)]	Liquid pipe [mm(inch)]	Gas pipe [mm(inch)]
≤ 5.6(19,100)	Ø6.35(1/4)	Ø12.7(1/2)
< 16.0(54,600)	Ø9.52(3/8)	Ø15.88(5/8)
< 22.4(76,400)	Ø9.52(3/8)	Ø19.05(3/4)
≤ 28.0(95,900)	Ø9.52(3/8)	Ø22.2(7/8)

⚠ CAUTION

- Bending radius should be at least twice the diameter of the pipe.
- Bend pipe after 500mm(19.7inch) or more from branch(or header).
  Do not bend U type.
  It may affect performance or result in noise.
  If U type bending is required, the R should be more than 200mm (7.9inch).

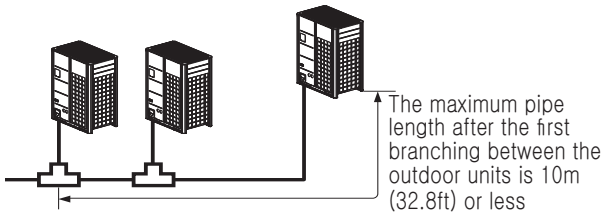


7. Refrigerant piping system

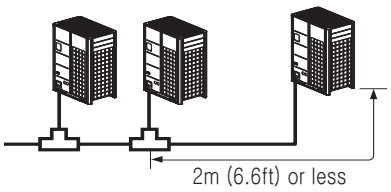
7.3 Pipe Connection Method/Precautions for Series connections between Outdoor units

- Separate Y branch joints are needed for series connections between outdoor units.
- Please refer to the below connection examples to install pipe connections between outdoor units.

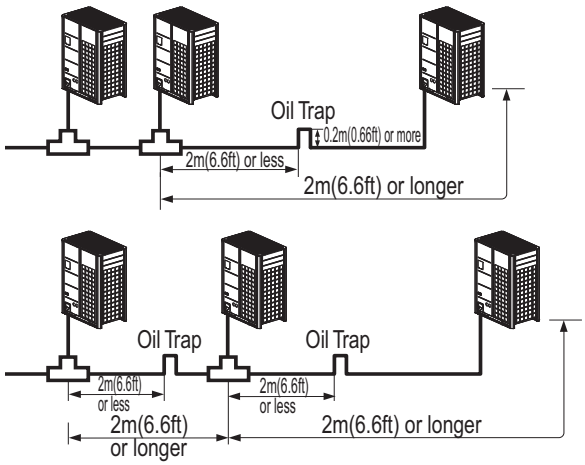
7.3.1 Pipe connection between outdoor units (General Case)



7.3.2 Pipes between outdoor units are 2m(6.6ft) or less



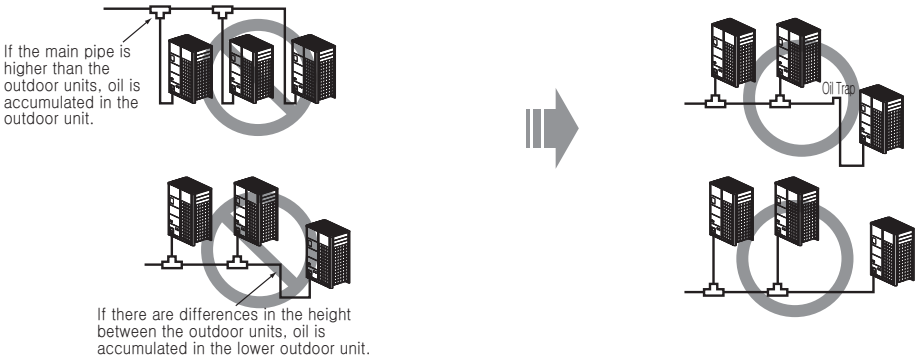
7.3.3 Pipes between outdoor units are 2m(6.6ft) or longer



- If the distance between the outdoor units becomes more than 2m(6.6ft), apply Oil Traps between the gas pipes.
- If the outdoor unit is located lower than the main pipe, apply Oil Trap.

7. Refrigerant piping system

7.3.4 Examples of Wrong Pipe Connections



- The pipes between the outdoor units must maintain horizontal levelness or give an inclination to prevent a back flow toward the slave outdoor unit. Otherwise, the unit may not operate properly.

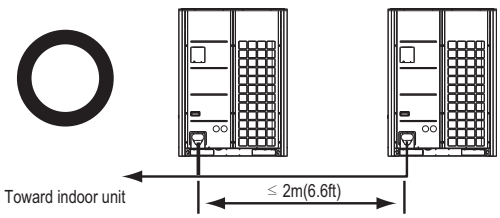
(Example 1)

(Example 2)

(Example 3)

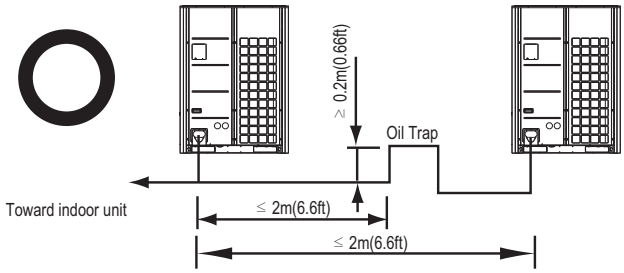
- Apply Oil Trap as shown below when the length of the pipe between the outdoor units is more than 2m(6.6ft). Otherwise, the unit may not operate properly.

(Example 1)



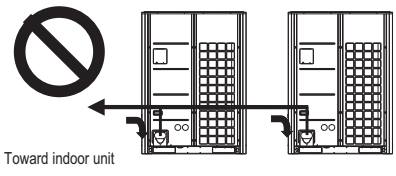
7. Refrigerant piping system

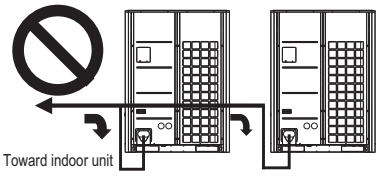
(Example 2)



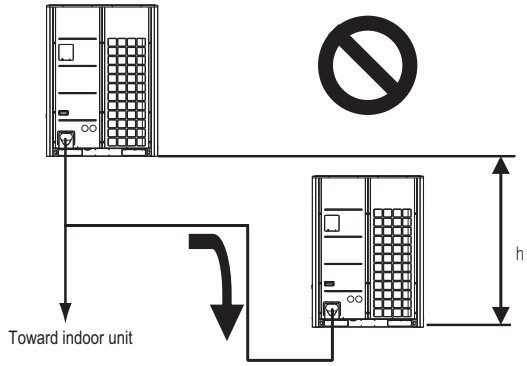
- Install Oil trap if the ODU is at lower level than main piping.
- When connecting the pipes between the outdoor units, the accumulation of oil in the slave outdoor unit should be avoided. Otherwise, the unit may not operate properly.

(Example 1)

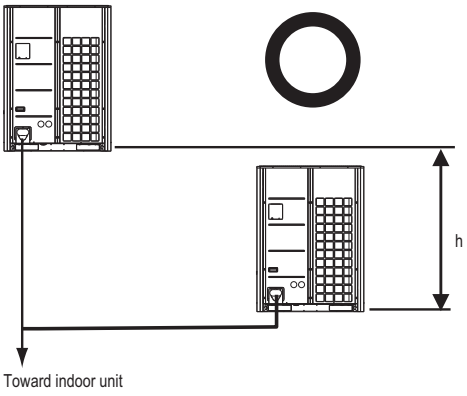


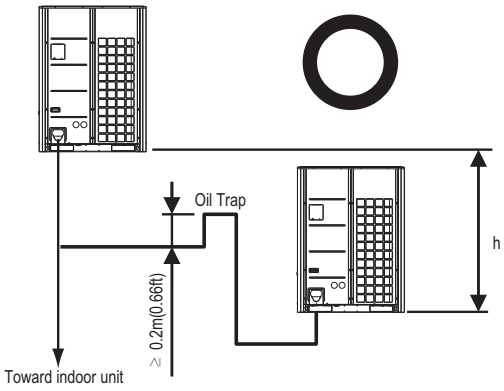


(Example 2)



(Example 3)





7. Refrigerant piping system

7.4 The amount of Refrigerant

The calculation of the additional charge should take into account the length of pipe and CF(correctionFactor) value of indoor unit.

Additional charge(kg)	=	Total liquid pipe : Ø25.4mm (1inch)	×	0.480(kg/m)
	+	Total liquid pipe : Ø22.2mm (7/8inch)	×	0.354(kg/m)
	+	Total liquid pipe : Ø19.05mm (3/4inch)	×	0.266(kg/m)
	+	Total liquid pipe : Ø15.88mm (5/8inch)	×	0.173(kg/m)
	+	Total liquid pipe : Ø12.7mm (1/2inch)	×	0.118(kg/m)
	+	Total liquid pipe : Ø9.52mm (3/8inch)	×	0.061(kg/m)
	+	Total liquid pipe : Ø6.35mm (1/4inch)	×	0.022(kg/m)
	+	Number of installed HR units(2,3,4port)	×	0.500(kg)
	+	Number of installed HR units(6,8port)	×	1.000(kg)
	+	CF value of indoor unit(kg/EA)		

Note

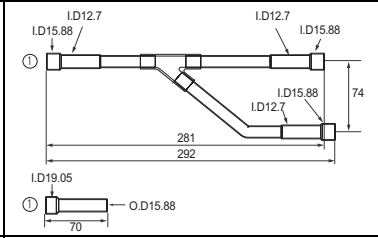
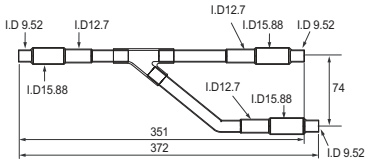
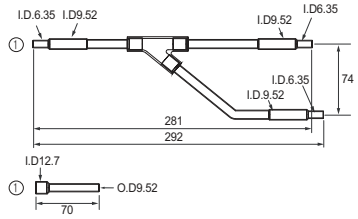
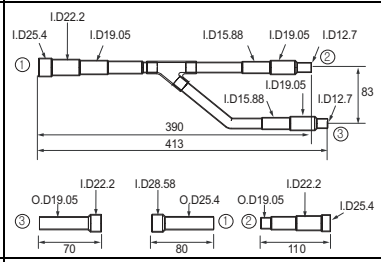
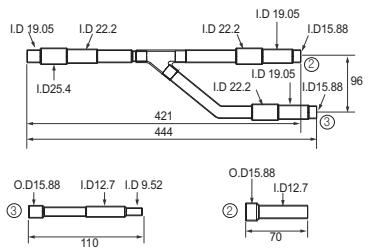
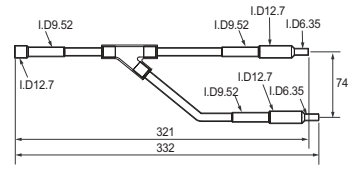
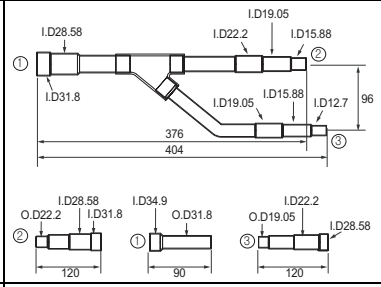
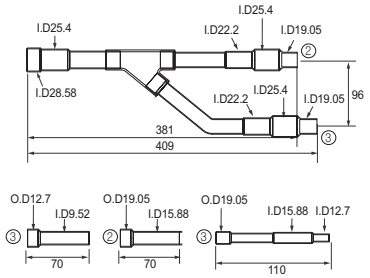
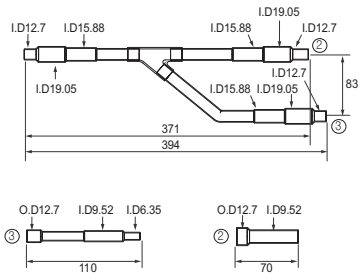
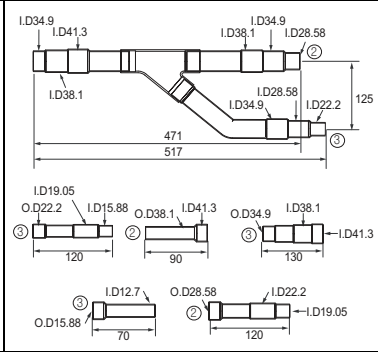
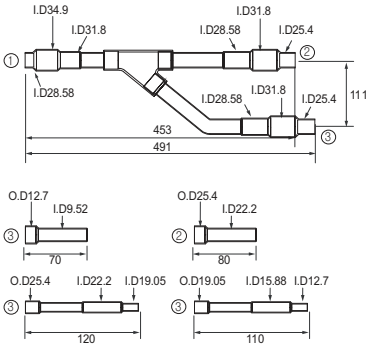
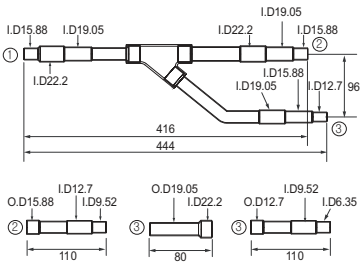
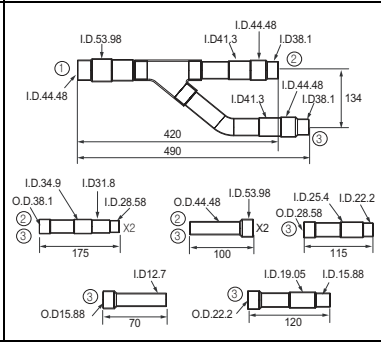
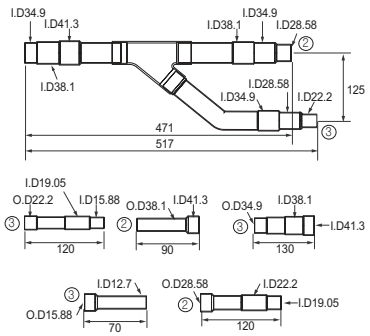
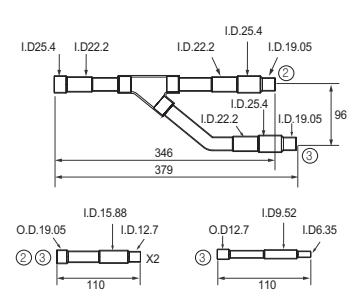
For CF value (additional refrigerant) table of indoor units, please refer to th PDB of indoor unit.

7. Refrigerant piping system

7.5 Selection of Y Branch, Header and Reducer

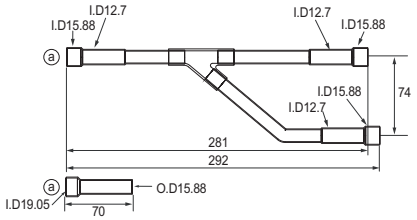
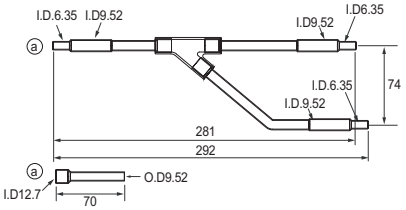
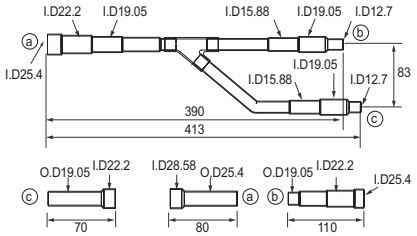
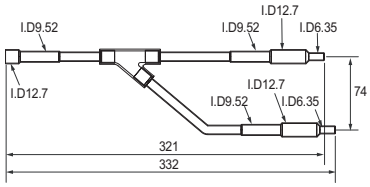
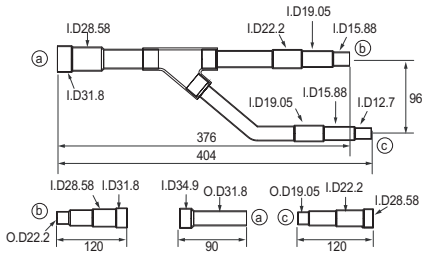
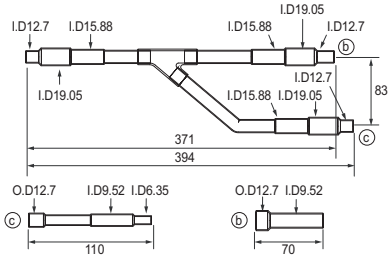
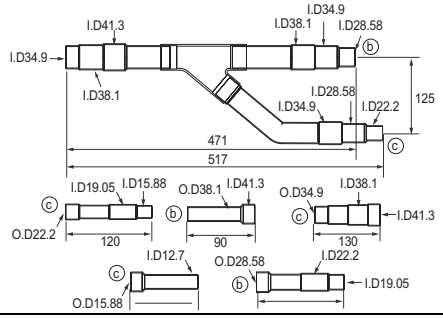
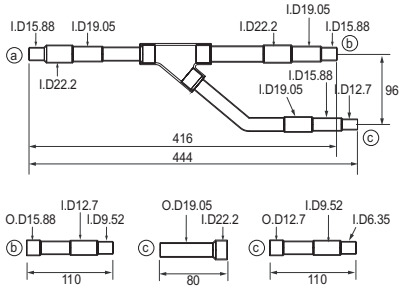
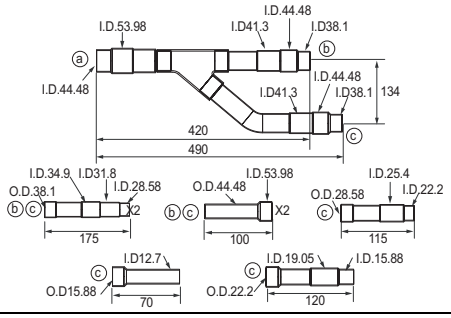
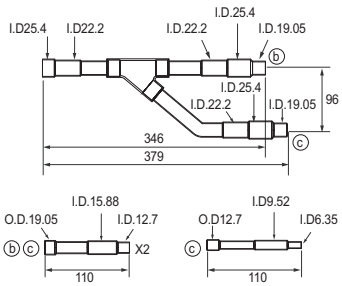
7.5.1 Y Branch

■ Heat Recovery System

Models	Low Pressure Gas pipe [unit:mm]	High Pressure Gas pipe [unit:mm]	Liquid pipe [unit:mm]
ARBLB01621			
ARBLB03321			
ARBLB07121			
ARBLB14521			
ARBLB23220			

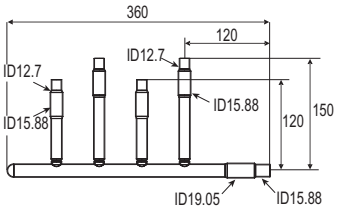
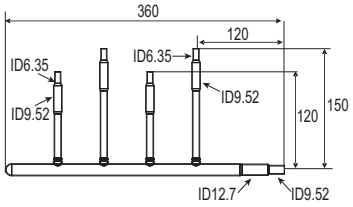
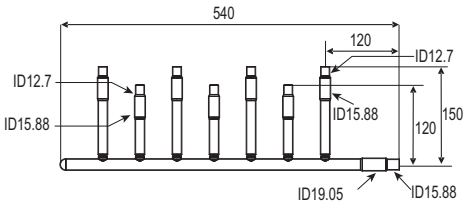
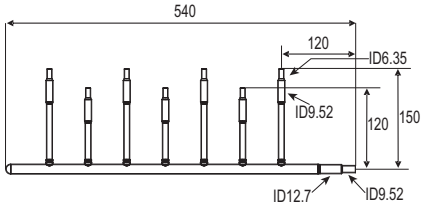
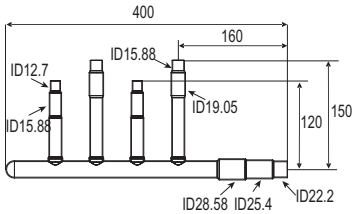
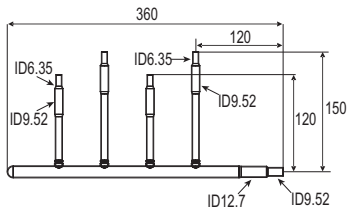
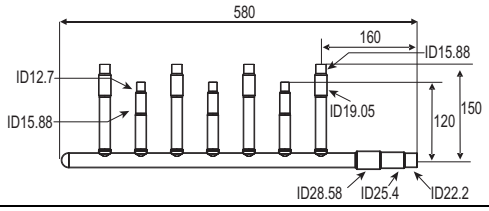
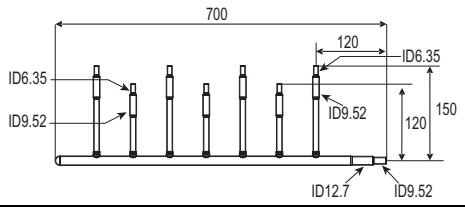
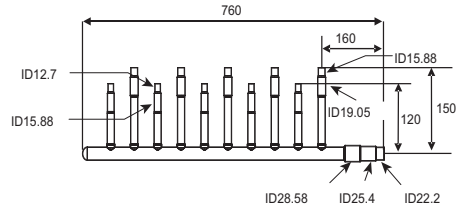
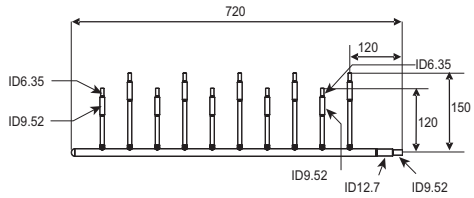
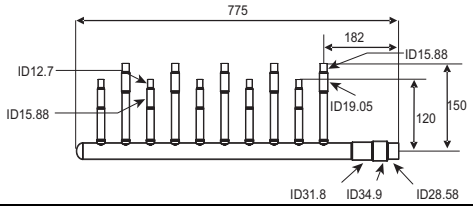
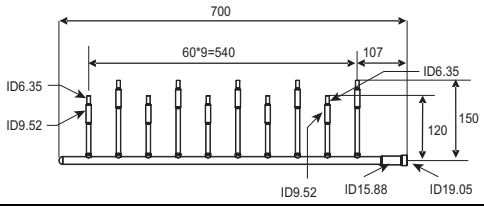
7. Refrigerant piping system

■ Heat Pump System

Models	Gas pipe [unit:mm]	Liquid pipe [unit:mm]
ARBLN01621		
ARBLN03321		
ARBLN07121		
ARBLN14521		
ARBLN23220		

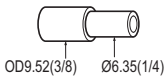
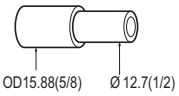
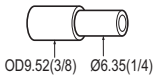
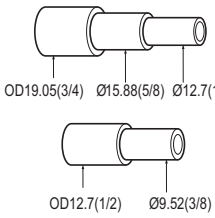
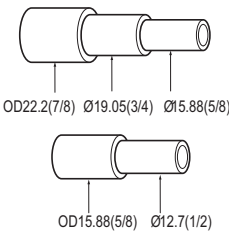
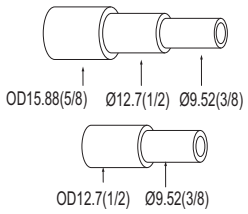
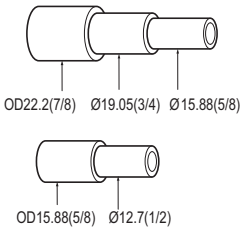
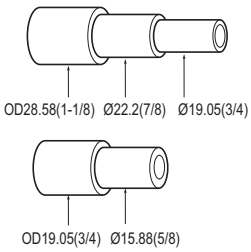
7. Refrigerant piping system

7.5.2 Header

Models	Gas pipe [unit:mm]	Liquid pipe [unit:mm]
4 branch ARBL054		
7 branch ARBL057		
4 branch ARBL104		
7 branch ARBL107		
10 branch ARBL1010		
10 branch ARBL2010		

7.5.3 Reducer

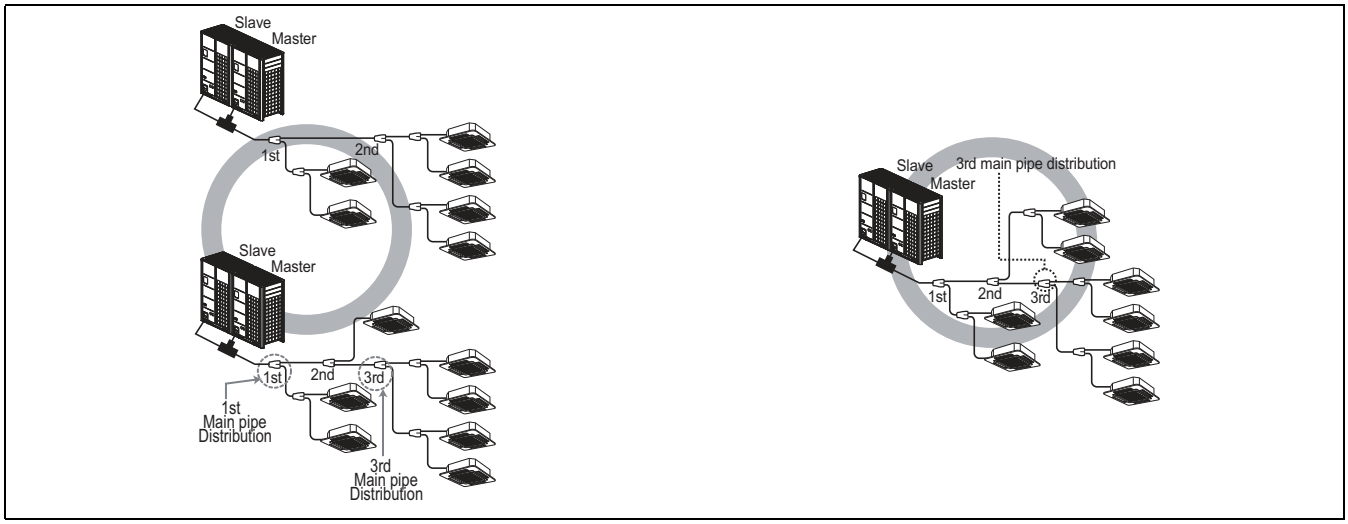
◆ Reducers for indoor unit and HR unit

Models		Liquid pipe [unit:mm]	Gas pipe [unit:mm]	
			High pressure	Low pressure
Indoor unit reducer			-	
HR unit reducer	PRHR023			
	PRHR033 PRHR043 PRHR063 PRHR083			

7. Refrigerant piping system

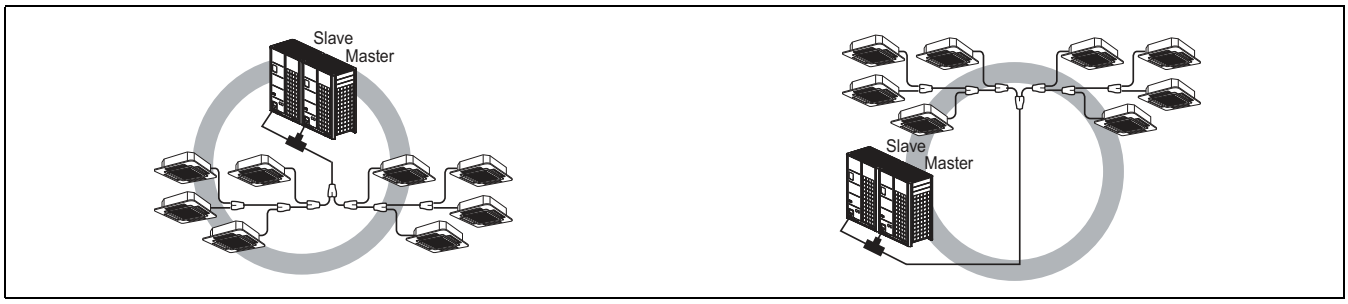
7.6 Distribution Method

7.6.1 Horizontal Distribution

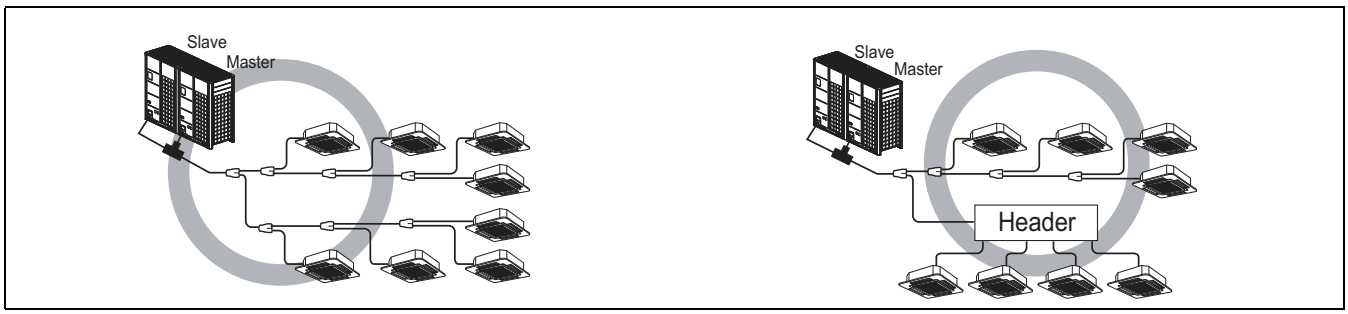


7.6.2 Vertical Distribution

Ensure that the branch pipes are attached vertically.



7.6.3 The Others



8. Electrical Wiring

8.1 Electrical Wiring

8.1.1 Caution

1. Follow ordinance of your governmental organization for technical standard related to electrical equipment, wiring regulations and guidance of each electric power company.

⚠ CAUTION

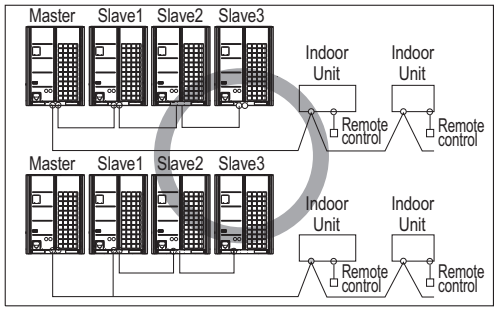
Be sure to have authorized electrical engineers do the electric work using special circuits in accordance with regulations and this installation manual. If power supply circuit has a lack of capacity or electric work deficiency, it may cause an electric shock or fire.

2. Install the Outdoor Unit communication line away from the power source wiring so that it is not affected by electric noise from the power source. (Do not run it through the same conduit.)
3. Be sure to provide designated grounding work to Outdoor Unit.

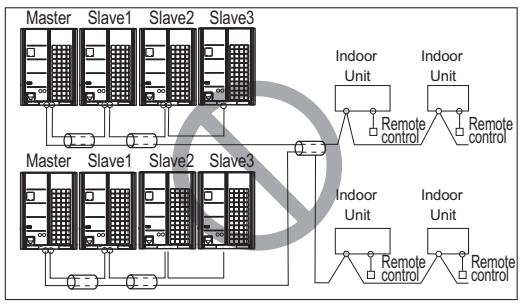
⚠ CAUTION

Be sure to correct the outdoor unit to earth. Do not connect earth line to any gas pipe, liquid pipe, lightening rod or telephone earth line. If earth is incomplete, it may cause an electric shock.

4. Give some allowance to wiring for electrical part box of Indoor and Outdoor Units, because the box is sometimes removed at the time of service work.
5. Never connect the main power source to terminal block of communication line. If connected, electrical parts will be burnt out.
6. Use 2-core shield cable for communication line.(O mark in the figure below) If communication lines of different systems are wired with the same multiplecore cable, the resultant poor transmitting and receiving will cause erroneous operations. (⃠ mark in the figure below)
7. Only the communication line specified should be connected to the terminal block for Outdoor Unit communication.



2-Core Shield Cable



Multi-Core Cable

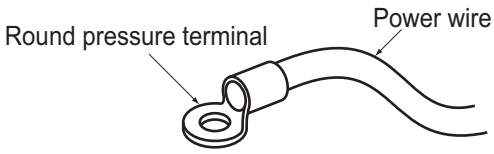
⚠ CAUTION

- **Use the 2-core shield cables for communication lines. Never use them together with power cables.**
- **The conductive shielding layer of cable should be grounded to the metal part of both units.**
- **Never use multi-core cable**
- **As this unit is equipped with an inverter, to install a phase leading capacitor not only will deteriorate power factor improvement effect, but also may cause capacitor abnormal heating. Therefore, never install a phase leading capacitor.**
- **Make sure that the power unbalance ratio is not greater than 2%. If it is greater the units lifespan will be reduced.**

8. Electrical Wiring

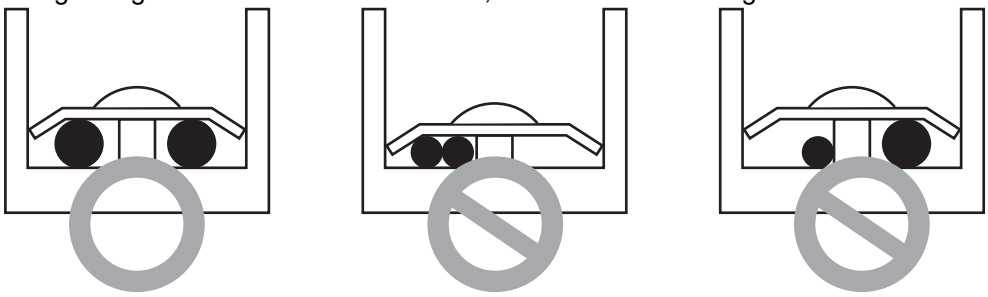
■ Precautions when laying power wiring

Use round pressure terminals for connections to the power terminal block.



When none are available, follow the instructions below.

- not connect wiring of different thicknesses to the power terminal block.
  (Slack in the power wiring may cause abnormal heat.)
- When connecting wiring which is the same thickness, do as shown in the figure below.



- For wiring, use the designated power wire and connect firmly, then secure to prevent outside pressure being exerted on the terminal block.
- Use an appropriate screwdriver for tightening the terminal screws. A screwdriver with a small head will strip the head and make proper tighterning impossible.
- Over-tightening the terminal screws may break them.

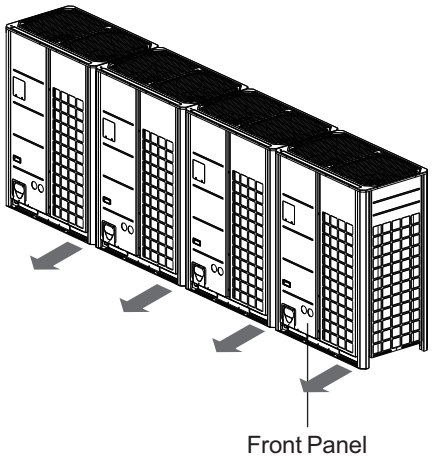
⚠ CAUTION

When the 400 volt power supply is applied to “N” phase by mistake, replace inverter PCB and transformer in control box.

8. Electrical Wiring

8.1.2 Control box and connecting positioning of wiring

- Remove all of the screws at front panel and remove the panel by pulling it forward.

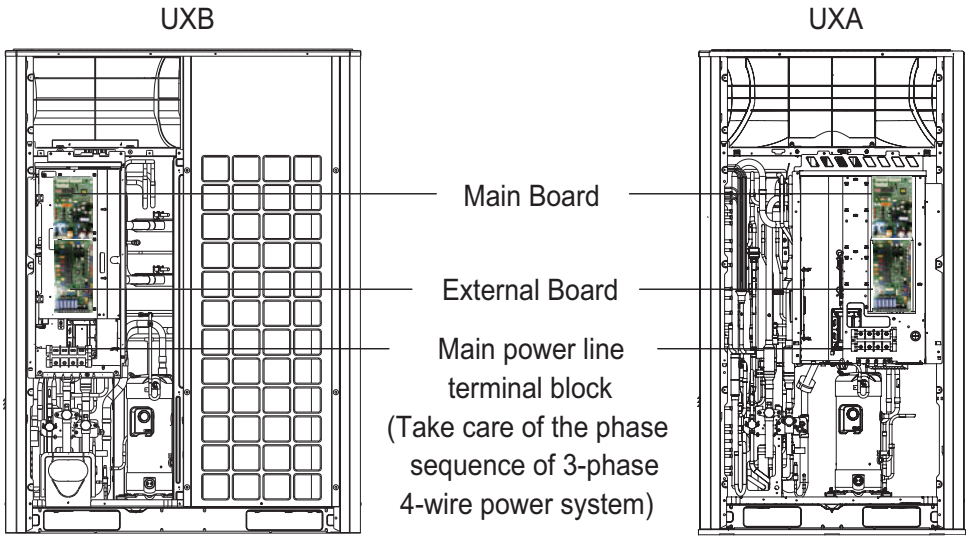


- Connect communication line between main and sub outdoor unit through the terminal block.
- Connect communication lines between outdoor unit and indoor units through the terminal block.
- When the central control system is connected to the outdoor unit, a dedicated PCB must be connected between them.
- When connecting communication line between outdoor unit and indoor units with shielded wire, connect the shield ground to the earth screw.

⚠ WARNING

The temperature sensor for outdoor air should not be exposed to direct sunlight.

- **Provide an appropriate cover to intercept direct sunlight.**



8. Electrical Wiring

8.1.3 Communication and Power Lines

1. **Communication cable**
   - Types : shielded cables
   - Use wires of size : over 1.0 ~ 1.5 mm^2 (1.55 × 10^{-3} ~ 2.32 × 10^{-3} in^2)
   - Maximum allowable temperature: 60°C (140°F)
   - Maximum allowable line length: under 1 000m (3 281 ft)
2. **Remote control cable**
   - Types : 3-core cable
3. **Central control cable**

Product type	Wire type	Diameter
ACP&AC Manager	2-core cables (shielded)	1.0 ~ 1.5 mm^2 (1.55 × 10^{-3} ~ 2.32 × 10^{-3} in^2)
AC Smart	2-core cables (shielded)	1.0 ~ 1.5 mm^2 (1.55 × 10^{-3} ~ 2.32 × 10^{-3} in^2)
Simple central controller	4-core cables (shielded)	1.0 ~ 1.5 mm^2 (1.55 × 10^{-3} ~ 2.32 × 10^{-3} in^2)
AC Ez	4-core cables (shielded)	1.0 ~ 1.5 mm^2 (1.55 × 10^{-3} ~ 2.32 × 10^{-3} in^2)

4. **Separation of communication and power lines**
   - If communication and power lines are installed alongside each other then there is a strong likelihood of operational faults developing due to interference in the signal wiring caused by electrostatic and electromagnetic coupling.

     The tables below indicates our recommendation as to appropriate spacing of communication and power lines where these are to be run side by side

Current capacity of power line		Spacing
100V or more	10A	300mm (11-13/16 in)
	50A	500mm (19-11/16 in)
	100A	1 000mm (39-3/8 in)
	Exceed 100A	1 500mm (59-1/16 in)

Note

1. The figures are based on assumed length of parallel cabling up to 100 m(328 ft). For length in excess of 100 m(328 ft) the figures will have to be recalculated in direct proportion to the additional length of line involved.
2. If the power supply waveform continues to exhibit some distortion the recommended spacing in the table should be increased.
   - If the lines are laid inside conduits then the following point must also be taken into account when grouping various lines together for introduction into the conduits
   - Power lines(including power supply to air conditioner) and signal lines must not be laid inside the same
   - In the same way, when grouping the lines power and signal lines should not be bunched together.

⚠ CAUTION

- If apparatus is not properly earthed then there is always a risk of electric shock, the grounding of the apparatus must be carried out by a qualified person.

8. Electrical Wiring

8.2 DIP Switch Setting

8.2.1 Checking according to dip switch setting

You can check the setting values of the Master outdoor unit from the 7 segment LED. The dip switch setting should be changed when the power is OFF.

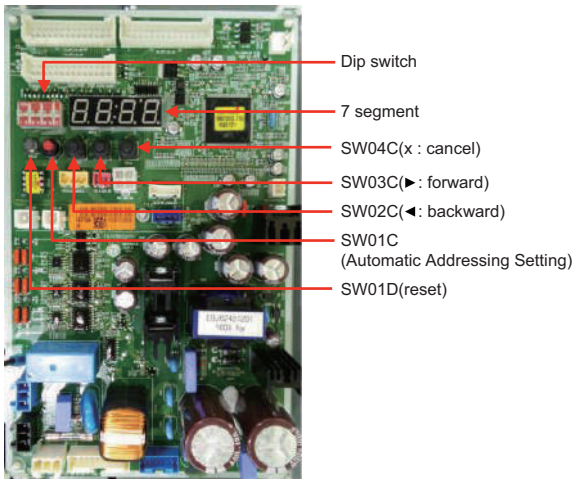
8.2.2 Checking the setting of the Master unit

The number is sequentially appeared at the 7 segment in 5 seconds after applying the power. This number represents the setting condition.

- **Initial display order**

Order	No	Mean
①	8 ~ 20	Master model capacity
②	10 ~ 20	Slave 1 model capacity
③	10 ~ 20	Slave 2 model capacity
④	10 ~ 20	Slave 3 model capacity
⑤	8 ~ 80	Total capacity
⑥	3	Heat Pump (Factory setting)
⑦	38	380V model
	46	460V model
	22	220V model
⑧	30	Product type

◆ **Main PCB**



- **Example) 74HP 380V Heat Pump system**

  (Master unit: 20HP, Slave 1: 20HP, Slave 2: 20HP, Slave 3: 14HP)

①	②	③	④	⑤	⑥	⑦	⑧
20	20	20	14	74	3	38	30

Note

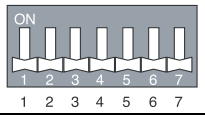
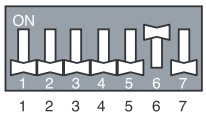
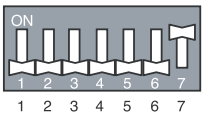
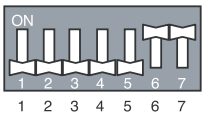
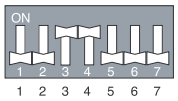
1. Example of model names could be different with model names included within this PDB.
2. In accordance with the number of combined outdoor unit or target region, it could not be applied to set the order ③,④.

⚠ CAUTION

Product may not properly operate if the relevant DIP switch is not properly setup.

8. Electrical Wiring

■ Master / Slave Dip Switch Setting

	Master/Slave Unit			
	Master	Slave		
		Slave1	Slave2	Slave3
Dip switch setting	Heat Pump System (Factory setting) 			
	Heat Recovery System (Installer setting) 			

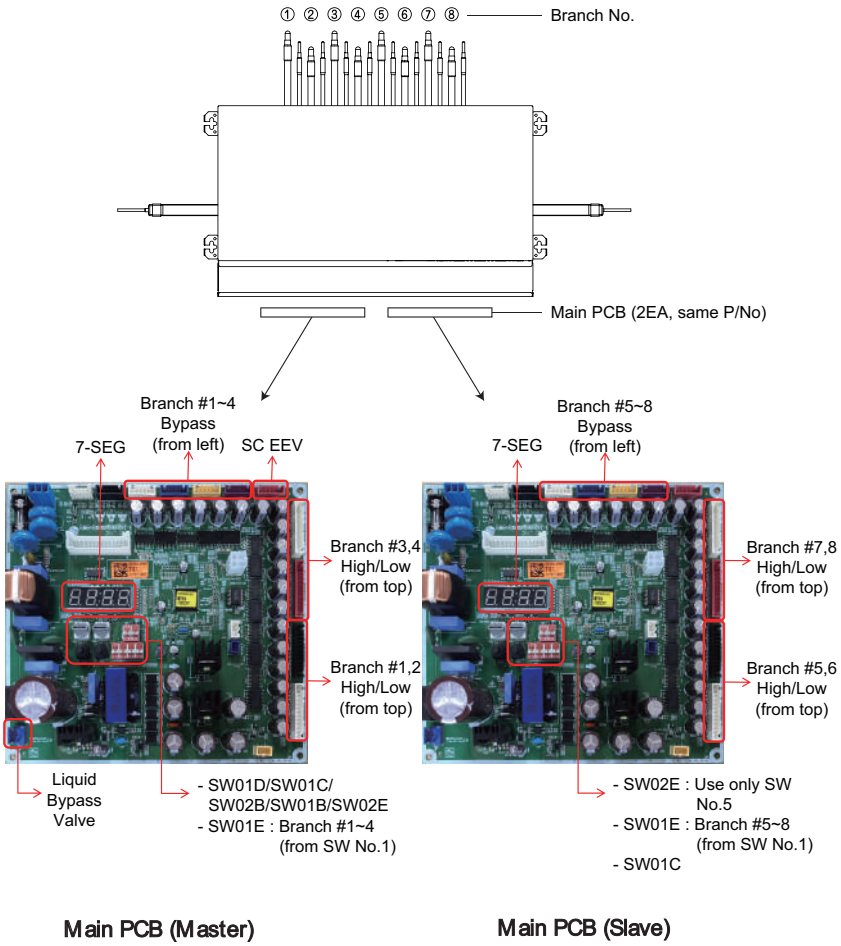
Important

How to setting Heat Recovery system

1. Turn on the dip s/w No. 4.
2. The factory setting display is appeared “HP”.
3. Change “HP” into “HR” display pushing ▶ button and then push confirm button.
4. Turn off dip s/w No. 4 and push reset button to restart the system.
   (If you turn on the dip s/w No. 4, you can make sure “HR” or “HP” display later.)

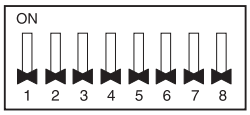
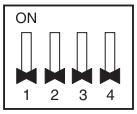
8.3 HR Unit PCB (For Heat Recovery System)

◆ **Switch for setup of HR Unit**



8.3.1 Setup the switch of HR Unit

■ **Setup the switch of HR Unit**

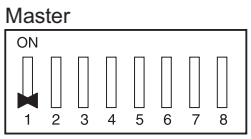
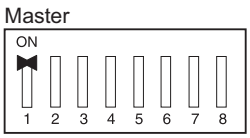
S/W			Function
Dip SW		SW02E (8pin Dip SW)	Selection of the method for pipe detection Selection of Master/Slave Main PCB Setting the Zoning Control Selection of the No. of connected branches
No.2		SW01E (4pin Dip SW)	Selection of the valve to address
No.3		SW01D (Left)	Selection of the Valve Group Control Setting to address HR units
No.4		SW01C (Right)	Manual addressing of zoning indoor units
No.5		SW02B (Left)	Increase in the digit of 10
No.6		SW01B (Right)	Increase in the digit of 1

8. Electrical Wiring

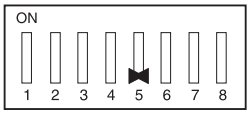
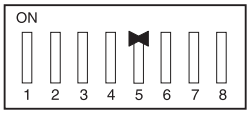
■ Main function of SW02E

ON S/W	Selection
No.1	Method for pipe detection of an HR unit (Auto/Manual)
No.2	No. of connected branches
No.3	
No.4	
No.5	Master/Slave (Main PCB) Setting
No.6	EEPROM factory initialization (4,5,6)
No.7	Use only in factory production (preset to “OFF”), Zoning setting (“ON”)
No.8	Use only in factory production (preset to “OFF”), Zoning setting (“ON”)

1. Selection of the method for pipe detection of an HR unit (Auto/Manual)

Auto	**Manual**
Switch No.1 Off	Switch No.1 On
	

2. Selection of Master/Slave Main PCB

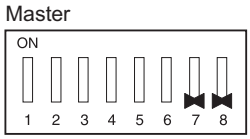
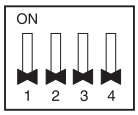
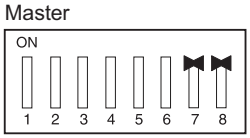
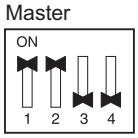
Master	**Slave**
Switch No.5 Off	Switch No.5 On
	

Note

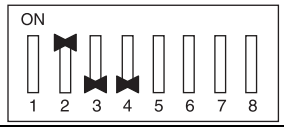
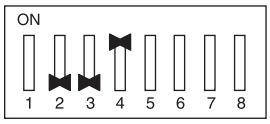
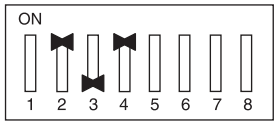
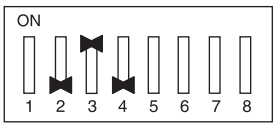
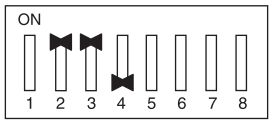
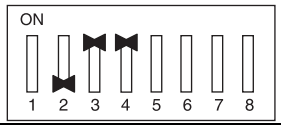
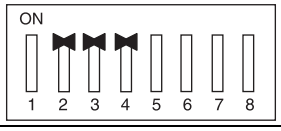
Do not turn on any SW02E on Slave Main PCB except No.5.

8. Electrical Wiring

3. Setting the zoning control

	SW02E setting	SW01E setting
Normal control		 SW01E
Zoning control		Turn the dip switch of the zoning branch on. EX) Branch 1,2 are zoning control.  SW01E

4. Selection of the No. of connected branches

1 branch Connected		5 branches Connected	
2 branches Connected		6 branches Connected	
3 branches Connected		7 branches Connected	
4 branches Connected		8 branches Connected	

* Each model is shipped with the switches No.2, 3, 4 pre-adjusted as above in the factory.

⚠ WARNING

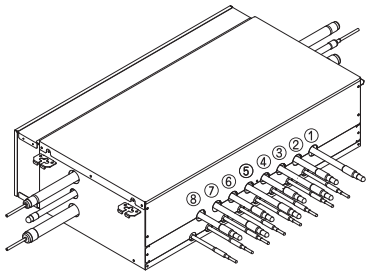
If you want to use a “Model” for “No. of using branch(es)” HR Unit after closing the “Closing pipe No.”, set the dip switch for “No. of using branch(es)” HR Unit.

Ex) If you want to use a PRHR083 for 4 branches HR Unit after closing the 5~8th pipes, set the dip switch for 4 branches HR Unit.

8. Electrical Wiring

■ SW01D (Rotary S/W for addressing HR unit)

Use the Valve Group Control when 2 branches are connected with only 1 indoor unit which has higher capacity than 61 kBtu/h.



Valve Group	SW01D Setting	Valve Group	SW01D Setting
Not control	0	No. 5,6/7,8 Valve Control	8
No. 1,2 Valve Control	1	No. 1,2/5,6 Valve Control	9
No. 2,3 Valve Control	2	No. 1,2/7,8 Valve Control	A
No. 3,4 Valve Control	3	No. 3,4/5,6 Valve Control	B
No. 5,6 Valve Control	4	No. 3,4/7,8 Valve Control	C
No. 6,7 Valve Control	5	No. 1,2/3,4/5,6 Valve Control	D
No. 7,8 Valve Control	6	No. 1,2/3,4/6,7 Valve Control	E
No. 1,2/3,4 Valve Control	7	No. 1,2/3,4/7,8 Valve Control	F

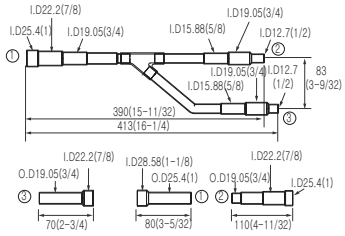
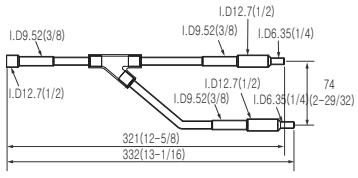
Note

If the large capacity indoor units are installed, below Y branch pipe should be used.

⚠ WARNING

When you control grouped valves, Do not connect to port no.4/no.5. It won't work.

◆ Y branch pipe

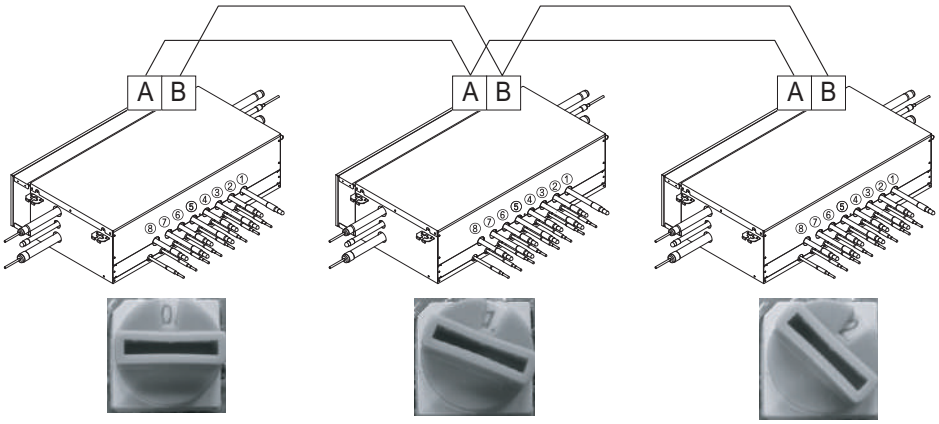
Models	Gas pipe [Umit : mm]	Liquid pipe [Umit : mm]
ARBLN03321		

8. Electrical Wiring

■ SW01C (Rotary S/W for addressing HR unit)

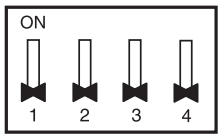
Must be set to '0' when installing only one HR unit.
When installing multiple HR units, address the HR units with sequentially increasing numbers starting from '0'.
Maximum 16 HR Units can be installed.

Example) Installation of 3 HR units



■ SW01B/SW01C/SW01E/SW02B (Dip S/W and push S/W for manual pipe detection)

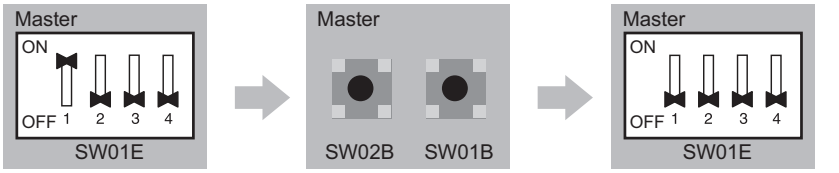
- Set the address of the valve of the HR unit to the central control address of the connected indoor unit.
- SW01E : selection of the valve to address
  SW02B : increase in the digit of 10 of valve address
  SW01B : increase in the last digit of valve address
  SW01C : Manual addressing of zoning indoor units (use for Zoning setting)
- Prerequisite for manual pipe detection : central control address of each indoor unit must be preset differently at its wired remote control.

	S/W No.	Setup
 SW01E	No.1	Manual addressing of valve #1 (Master) / #5 (Slave)
	No.2	Manual addressing of valve #2 (Master) / #6 (Slave)
	No.3	Manual addressing of valve #3 (Master) / #7 (Slave)
	No.4	Manual addressing of valve #4 (Master) / #8 (Slave)
SW02B	SW02B	Increase in the digit of 10 of valve address
SW01B	SW01B	Increase in the last digit of valve address
* Use for Zoning setting SW01C	SW01C	Manual addressing of zoning indoor units

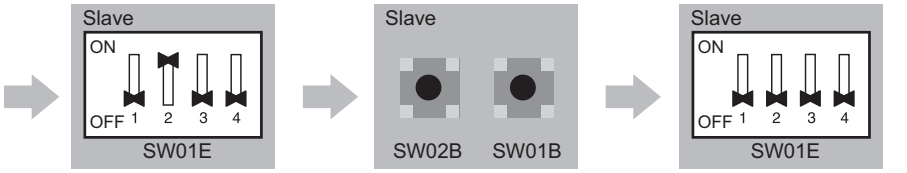
8. Electrical Wiring

1. Normal setting (Non-Zoning setting)

ex) Manual pipe detection of Valve #1, 6.



SW #1 On : Select Valve #1 | Input the central control address of Indoor unit | SW #1 Off : Finish Valve #1



SW #2 On : Select Valve #6 | Input the central control address of Indoor unit | SW #2 Off : Finish Valve #6

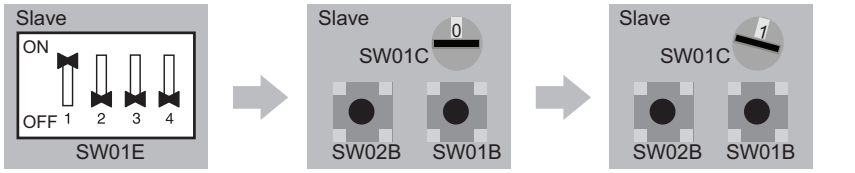
2. Zoning setting

Note

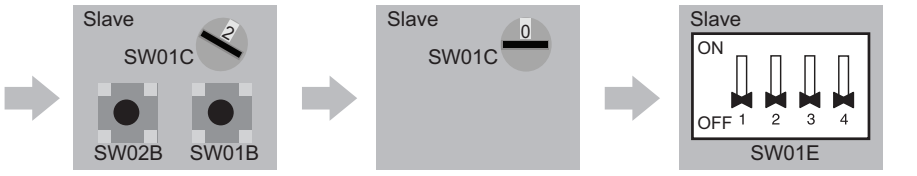
Use the Zoning Control when install two or more indoor units at 1 branch of HR Unit.

The indoor units controlled by Zoning Control can be selected collectively as the cooling/heating mode.

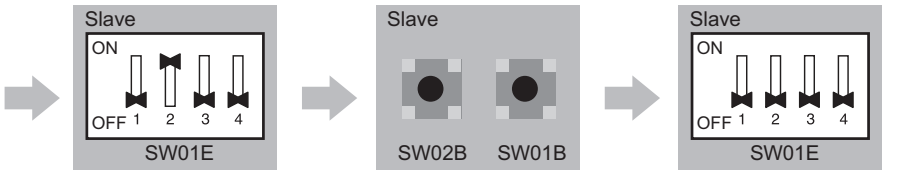
ex) Manual pipe detection of Valve #5 with three zoning indoor units, #6 without zoning unit.



SW #1 On : Select Valve #5 | After selecting No.1 zoning indoor unit, input the central control address of indoor unit. | After selecting No.2 zoning indoor unit, input the central control address of indoor unit.



After selecting No.3 zoning indoor unit, input the central control address of indoor unit. | Setting SW01C to '0' | SW #1 Off : Finish Valve #5



SW #2 On : Select Valve #6 | Input the central control address of Indoor unit | SW #2 Off : Finish Valve #6

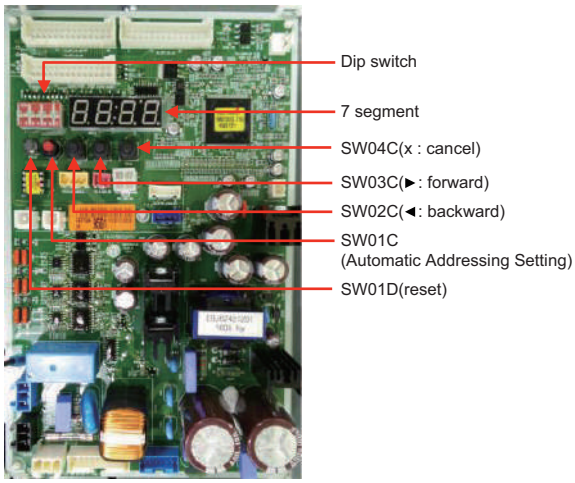
8. Electrical Wiring

8.4 Automatic Addressing

■ The address of indoor units would be set by auto addressing

1. Wait for 3 minutes after supplying power. (Master and Slave outdoor units, indoor units)
2. Press RED button of the outdoor units for 5 seconds. (SW01C)
3. A “88” is indicated on 7-segment LED of the outdoor unit PCB.
4. For completing addressing, 2~7 minutes are required depending on numbers of connected indoor units
5. Numbers of connected indoor units whose addressing is completed are indicated for 30 seconds on 7-segment LED of the outdoor unit PCB
6. After completing addressing, address of each indoor unit is indicated on the wired remote control display window. (CH01, CH02, CH03, ……, CH06 : Indicated as numbers of connected indoor units)

◆ **Main PCB**

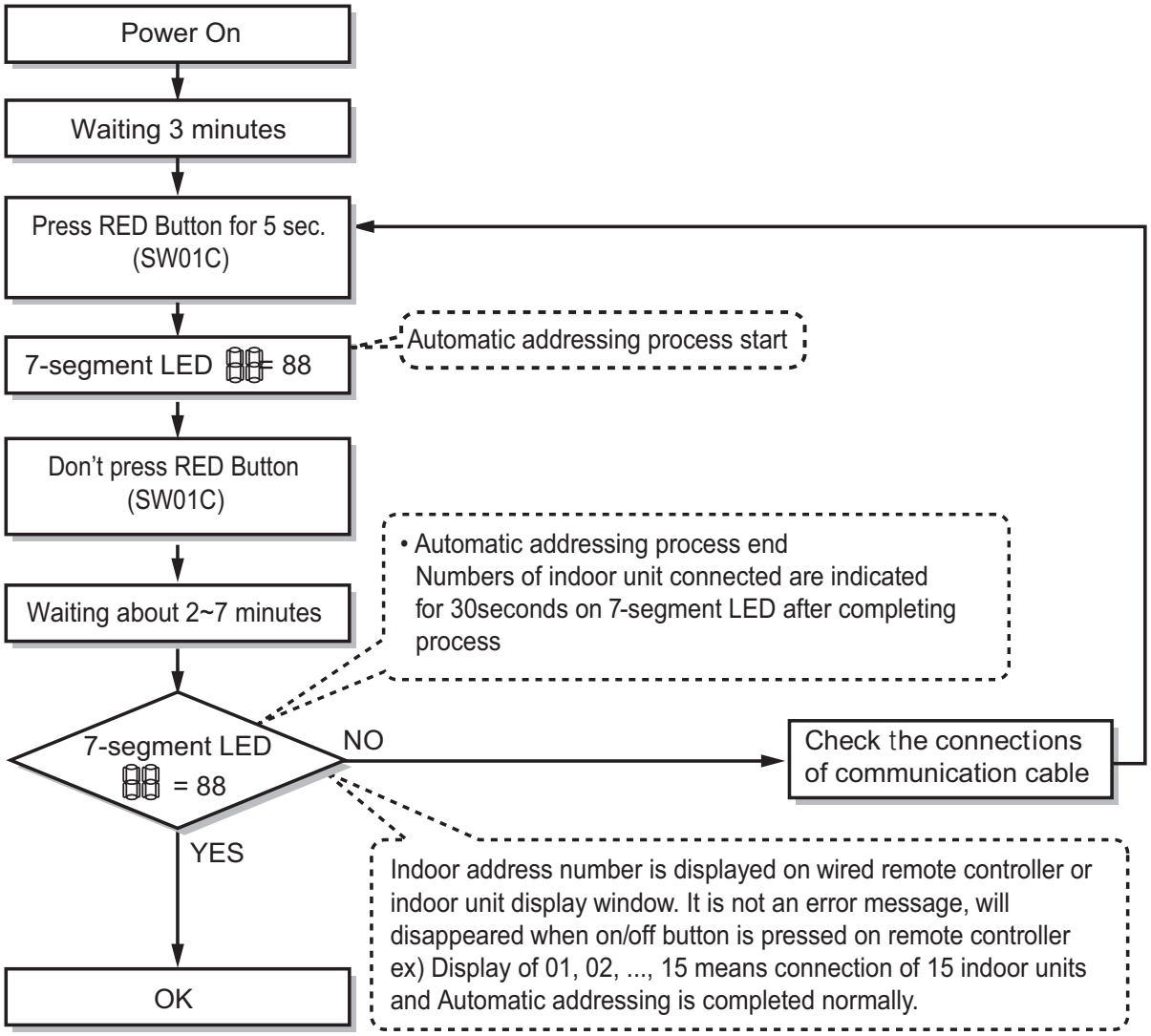


⚠ CAUTION

- **In replacement of the indoor unit PCB, always perform Auto addressing setting again (At that time, please check about using Independent power module to any indoor unit.)**
- **If power supply is not applied to the indoor unit, operation error occur.**
- **Automatic Addressing has to be performed after more than 3 minutes to improve indoor unit communication when initial power is supplied.**
- **Please be sure that all the dip switch (except DIP switch 3) of master outdoor unit is OFF before Automatic Addressing setting.**
  - **Set the DIP switch 3 to “On” if all the indoor units are “ARN-4”.**
  - **Set the DIP switch 3 to “Off” if not all the indoor units are “ARN-4”.**

8. Electrical Wiring

◆ The Procedure of Automatic Addressing



8. Electrical Wiring

■ Automatic pipe detection(For Heat Recovery System)

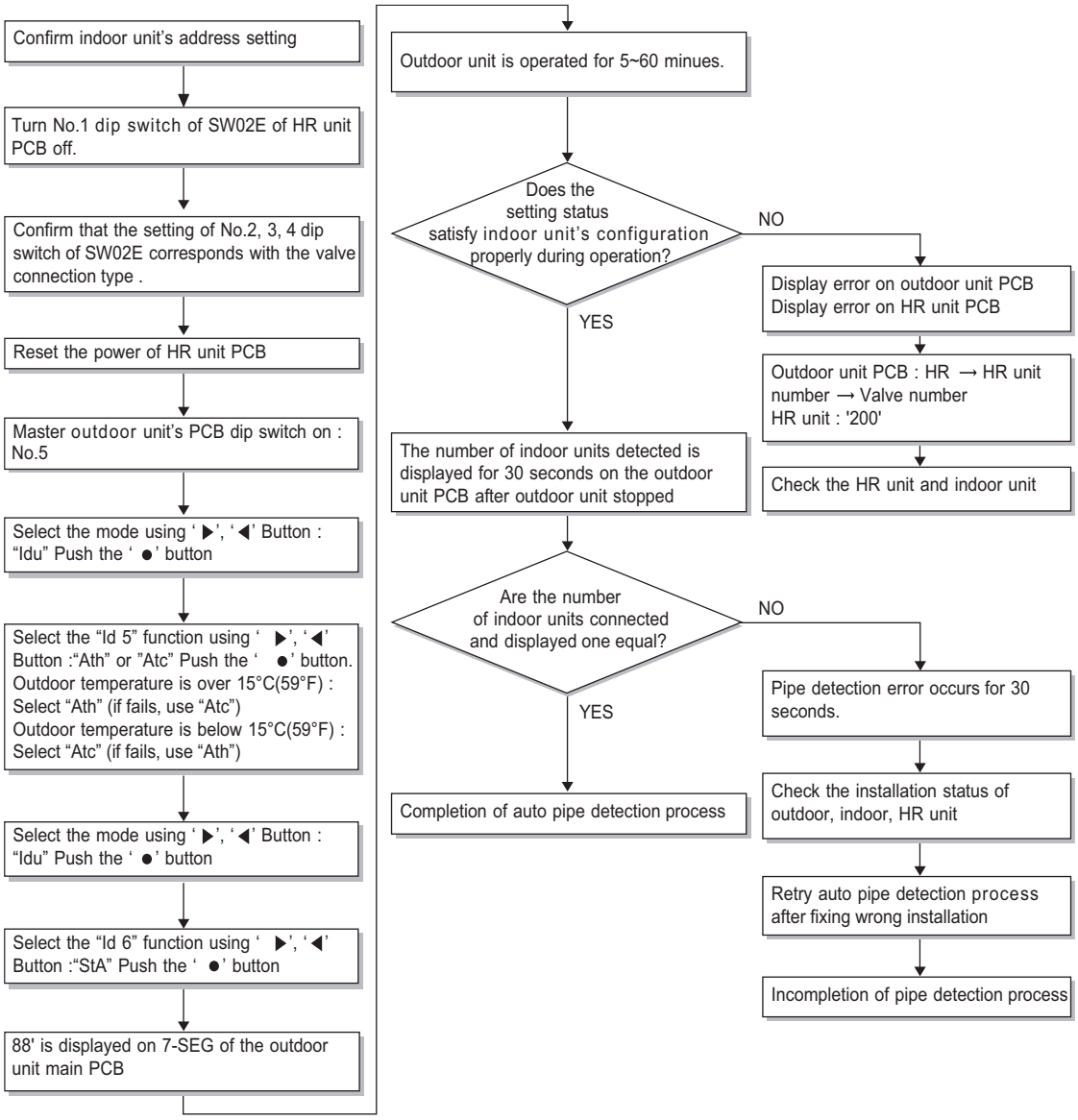
1. Turn No.1 dip switch of SW02E of HR unit PCB off.
2. Confirm that the setting of No.2, 3, 4 of SW02E corresponds with the type of the valve connection.
3. Reset the power of HR unit PCB
4. Master outdoor unit PCB DIP switch on : No.5
5. Select the mode using '▶', '◀' Button : "Idu" Push the '●' button
6. Select the "Id 5" function using '▶', '◀' Button :"Ath" or "Atc" Push the '●' button.
   Outdoor temperature is over 15°C(59°F) : "Ath" Using (If it fail, use "Atc")
   Outdoor temperature is below 15°C(59°F) : "Atc" Using (If it fail, use "Ath")
7. Select the mode using '▶', '◀' Button : "Idu" Push the '●' button
8. Select the "Id 6" function using '▶', '◀' Button :"StA" Push the '●' button
9. System is operated after "88" is displayed on 7-SEG of the outdoor unit main PCB.
10. Pipe detection process is proceeded.
11. 5~30 minutes are required depending on the number of the indoor units and outdoor temperature.
12. The number of the indoor units connected is displayed on 7-SEG of the outdoor unit main PCB for about 1 minute
    - For a HR unit, the number of the indoor units connected to each HR unit is displayed.
    - '200' is displayed in case of auto pipe detecting error, and auto pipe detection process is completed when after "88" is disappeared.

⚠ CAUTION

- **Execute auto addressing and auto pipe detection again whenever the indoor PDB and HR unit PCB is replaced.**
  - **Operation error occurs unless power is supplied to the indoor and HR units.**
- **Error No.200 occurs if the number of connected indoor units and that of scanned indoor units are different.**
- **If auto pipe detection process fails, complete it with manual pipe detection (see Manual pipe detection part).**
- **If auto pipe detection process is completed normally, manual pipe detection is not required.**
- **If you want to do auto pipe detection again after auto pipe detection fails, do after reset of outdoor unit by all means.**
- **During 5 minutes after pipe detection is completed, do not turn off the main unit PCB to save the result of pipe detection automatically.**

8. Electrical Wiring

◆ Flow chart of auto pipe detection process



* It is possible to be generated mode changing noise of heating and cooling which is normal.
There is no mode changing noise at normal operation.

8. Electrical Wiring

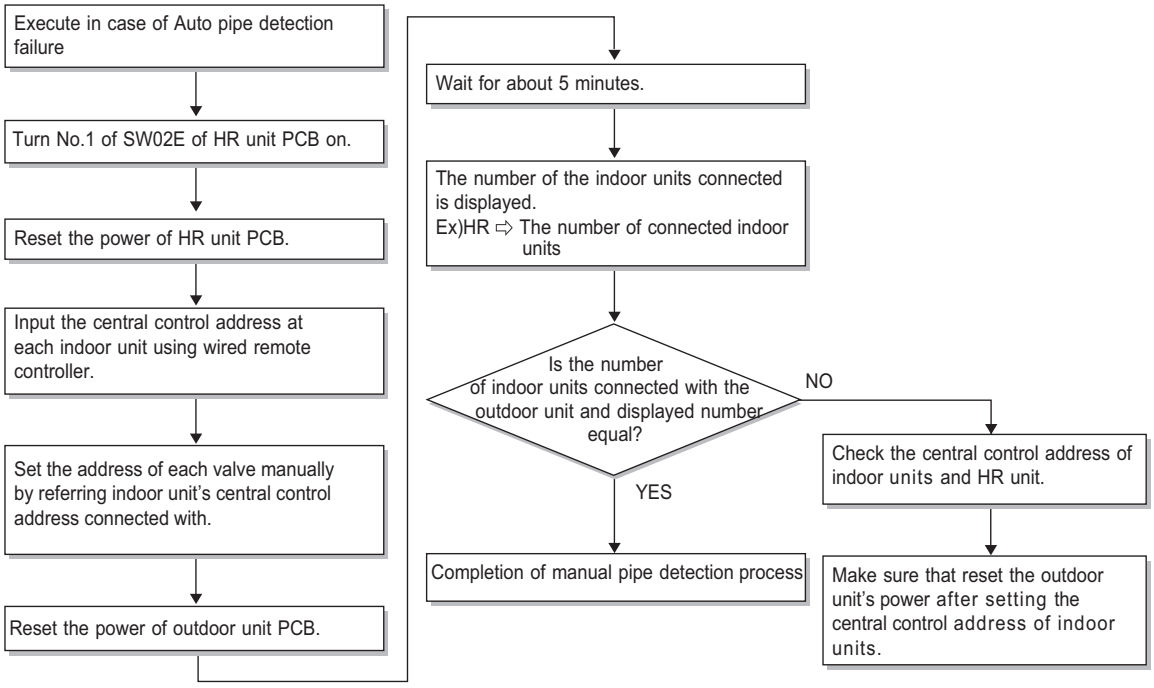
■ Manual pipe detection

1. Enter the central control address into each indoor unit using its wired remote controller.
2. Turn No.1 dip switch of SW02E of HR unit PCB on.
3. Reset the power of HR unit PCB.
4. On the HR unit PCB, manually set address of each valve of the HR unit to the central control address of the indoor unit connected to the valve.
5. Reset the power of outdoor unit PCB.
6. The number of the indoor unit installed is displayed after about 5 minutes.
   Ex) HR → The number of the indoor
7. Reset the power of outdoor unit PCB, HR unit.
8. Manual pipe detection is completed

⚠ CAUTION

- **In case that central controller is not installed, firstly set up central controller's setting to make address setting of indoor units.**
- **In case that central controller is installed, please set central control address of indoor units by using wired remote controller.**
- **HR units's manual pipe address is set by the central control address of indoor units.**
- **Address of valve which is not connected with indoor unit should be set differently with the address of a valve which is indoor unit connected.**
  (If address is overlapped, valve will not work properly)
- **If there occurs some error during pipe detection process, it means pipe detection process is not properly finished.**
- **During 5 minutes after pipe detection process is completed, do not turn off the main outdoor unit's PCB to save the result of pipe detection automatically.**

◆ Flow chart of manual addressing for pipe detection



Note

If you need to more information of Addressing method, please refer to the Installation Manual.

9. Setting the function

9.1 Function List

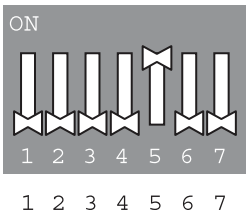
MODE	Display	Function	Description
Func	Fn1	Cool & Heat Selector	Set when Cool & Heat Selector is connected
	Fn2	High Static pressure compensation	Function for increasing outdoor fan speed, when using duct's
	Fn3	Night low noise	In the middle of the night time, reduces the Fan rpm to reduce the noise from the outdoor unit fan
	Fn4	Overall defrost	Set for only using Overall Defrost (not applying Partial Defrost)
	Fn5	ODU address	Address for monitoring cycle view with LG control solutions
	Fn6	Snow removal & rapid defrost	Function for snow removal and rapid defrost function
	Fn7	IDU capacity adjusting	Decrease airflow of IDU in case of shortage of heating capacity
	Fn8	Target pressure adjusting	Adjust High/Low pressure target
	Fn9	Low Ambient Kit	Function for controlling Low Ambient Kit I/O Module *Low Ambient Kit : Kit for cooling operation at low temperature(-20℃)
	Fn10	High Efficiency Mode (Cooling Operation)	Adjust low pressure target according to outdoor temperature
	Fn11	Auto Dust Removal	Function for blowing dust on heat exchanger
	Fn12	Compressor frequency limitation	Max compressor frequency limitation
	Fn13	ODU fan limitation	Max fan RPM limitation
	Fn14	Smart load control	Adjust high pressure target for heating and low pressure target for cooling according to outdoor temperature to optimize energy input.
	Fn16	Humidity Reference	Adjust high pressure target according to humidity to optimize energy input
	Fn19	Central Control Connection at Indoor Unit side	For AC EZ use only. Connectable to comm. Line between ODU and IDU. * Do not use with other central controller (ACP, AC SAMART etc.)
	Fn20	Compressor Input Current Limit	Max input current limitation. 50~100% can be selected
	Fn21	Power Consumption Display on wired remote controller	Display Power Consumption on wired remote controller
	Fn22	Overall Defrost Operating in Low temperature (Heating)	Perform overall defrost periodically in low temperaure to increase heating performance
	Fn23	Optional Base panel Heater	Set when base panel heater is installed

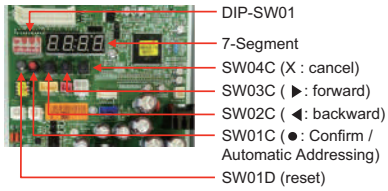
* The functions shown in the table above could applicable depending on the model line up.
* For details, refer to installation manual and service manual(General).

9. Setting the function

9.2 Dip Switch Setting

Select the mode/function/option/value using '▶', '◀' Button and confirm that using the '●' button after dip switch No.5 is turned on.





Optional Mode Selection		Function Selection		Option Selection		Remarks
Content	**Display (◎)**	**Content**	**Display (◀, ▶ ◎)**	**Default**	**Optional (◀, ▶ ◎)**	
FDD	Fdd	Automatic Refrigerant Charging (Cooling)	Fd1	-	-	-
		Automatic Refrigerant Charging (Heating)	Fd2	-	-	-
		Refrigerant Amount Check (Cooling)	Fd3	-	-	-
		Refrigerant Amount Check (Heating)	Fd4	-	-	-
		Automatic	Fd7	-	-	-
		All IDU operation (Cooling)	Fd8	-	-	Compulsory Operation
		All IDU operation (Heating)	Fd9	-	-	for 1hour
Installa tion	Func	Cool & Heat Selector	Fn 1	oFF	oFF, oP1~oP2	save in EEPROM
		High Static Pressure compensation	Fn 2	oFF	oFF, oP1~oP7	save in EEPROM
		Night low noise	Fn 3	oFF	oFF, oP1~oP12	save in EEPROM
		Overall Defrost	Fn 4	North America : oFF Europe : oFF Tropical : oN	on, oFF	save in EEPROM
		ODU Addressing	Fn 5	0	0~255	save in EEPROM
		Snow Removal & Rapid Defrost	Fn 6	oFF	oFF, oP1~oP3	save in EEPROM
		Capacity Up Airflow Adjusting for IDU (Heating)	Fn 7	oFF	on, oFF	save in EEPROM
		Target Pressure Adjusting	Fn 8	oFF	oFF, oP1~oP6	save in EEPROM
		Low Ambient Kit	Fn 9	oFF	on, oFF	save in EEPROM
		High Efficiency Mode (Cooling Operation)	Fn 10	oFF	on, oFF	save in EEPROM
		Auto Dust Removal Mode	Fn 11	oFF	oFF, oP1~oP5	save in EEPROM
		Compressor Max. Frequency Limit	Fn 12	oFF	oFF, oP1~oP9	save in EEPROM
		ODU Fan Max. RPM Limit	Fn 13	oFF	oFF, oP1~oP7	save in EEPROM
		Smart Load Control	Fn 14	oFF	oFF, oP1~oP3	save in EEPROM
		Humidity Reference	Fn 16	on	on, oFF	save in EEPROM
		Compressor Input Current Limit	Fn 20	oFF	oFF, oP1~oP10	save in EEPROM
		Optional Base panel Heater	Fn 23	oFF	on, oFF	save in EEPROM
Service	SvC	Vacuum mode	SE3	vACC	-	1time / 1 Selection
User	Idu	Comfort Cooling	Id10	EAch	-	save in EEPROM

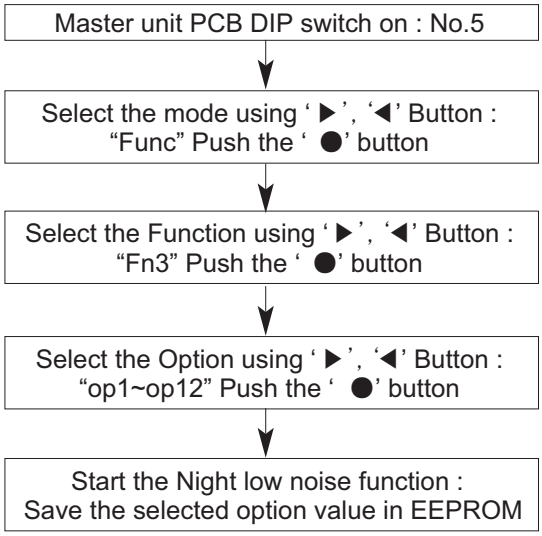
- Functions "save in EEPROM" will be kept continuously, though the system power was reset.
- For detail information about SVC and IDU setting functions, refer to the installation manual or SVC manual.

9. Setting the function

9.3 Night Low Noise Function

This function makes the ODU fan operate at low RPM to reduce the fan noise of ODU at night which has low load.

◆ Night low noise function setting method



◆ Time Settings

Step	Judgment Time(Hr)	Operation Time(Hr)
op1	8	9
op2	6.5	10.5
op3	5	12
op4	8	9
op5	6.5	10.5
op6	5	12
op7	8	9
op8	6.5	10
op9	5	12
op10	Continuous operation	
op11	Continuous operation	
op12	Continuous operation	

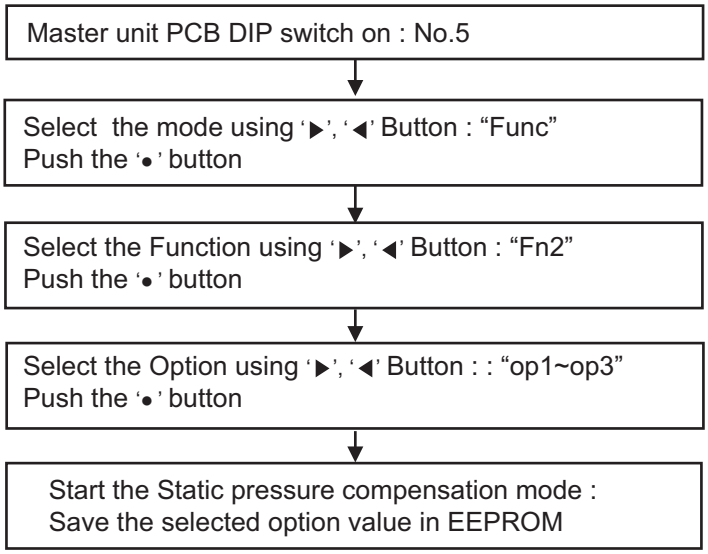
⚠ CAUTION

- Request installer to set the function during installation.
- If ODU RPM changes, capacity may go down.

9. Setting the function

9.4 High Static Pressure Compensation Function

This function secures the air flow rate of ODU, in case static pressure has been applied like using duct at fandischarge of ODU.



◆ Fan Maximum RPM of each step

Step	External Static Pressure (Max, Pa)	Max. RPM	
		UXA	UXB
Standard	20	730	950
op 1	40	760	1020
op 2	60	780	1050
op 3	80	800	1130

MULTI V™ 5

Special Guide

1. Cautions for Refrigerant Leaks
2. Guide for installing at seaside

1. Caution For Refrigerant Leaks

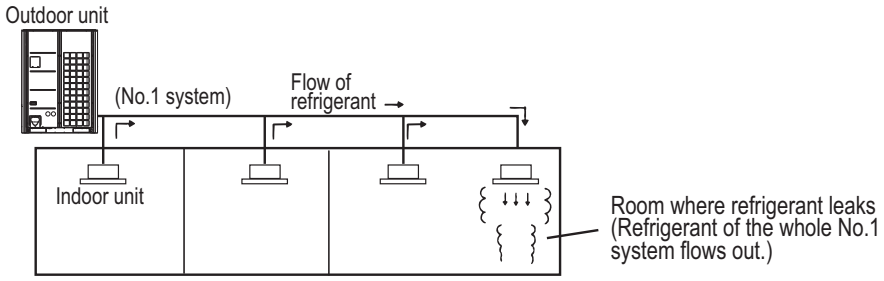
The installer and system specialist shall secure safety against leakage according to local regulations or standards. The following standards may be applicable if local regulations are not available.

1.1 Introduction

Though the R410A refrigerant is harmless and incombustible itself , the room to equip the air conditioner should be large to such an extent that the refrigerant gas will not exceed the limiting concentration even if the refrigerant gas leaks in the room.

1.1.1 Concentration limit

Concentration limit is the limit of Freon gas concentration where immediate measures can be taken without hurting human body when refrigerant leaks in the air. The concentration limit shall be described in the unit of kg/m3 (Freon gas weight per unit air volume) for facilitating calculation.
Concentration limit : 0.44kg/m^3(R410A)



1.2 Checking procedure of limiting concentration

Check concentration limit along following steps and take appropriate measure depending on the situation.

1.2.1 Calculate amount of all the replenished refrigerant (kg) per each refrigerant system.

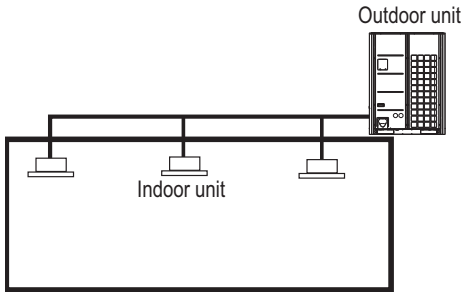
Amount of pre-charged refrigerant per single system	+	Amount of additional replenished refrigerant	=	Total amount of refrigerant in the system (kg)
Amount of replenished refrigerant at factory shipment		Amount of additionally replenished refrigerant depending on piping length or piping diameter by customer		Note : In case one refrigerant facility is divided into 2 or more refrigerant systems and each system is independent, amount of replenished refrigerant of each system shall be adopted.

1. Caution For Refrigerant Leaks

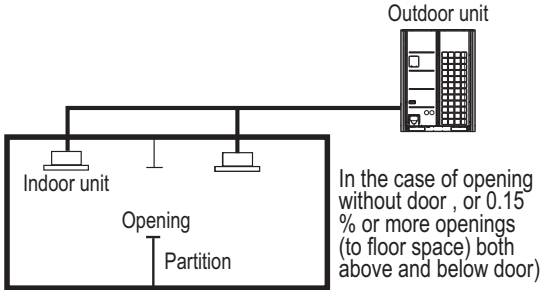
1.2.2 Calculate refrigerant concentration level

Calculate the volume of the room where indoor unit is installed as single room or the smallest room.

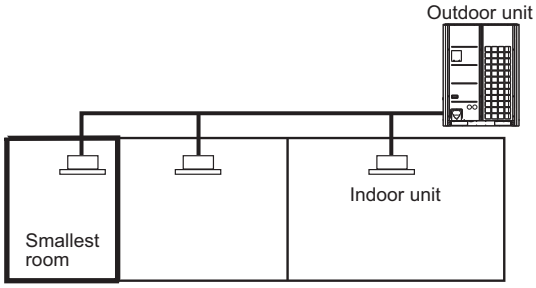
1. Without partition



2. With partition but opened which serve passage of air to adjoining room



3. With partition and without opening which serve as passage of air to adjoining room



◆ Calculate refrigerant concentration

$$\frac{\text{Total amount of refrigerant system (kg)}}{\text{Volume of smallest room where indoor unit is installed } (m^3)} \leq \text{Maximum concentration limit} \mid_{(R410A)} \ (kg/m^3)$$

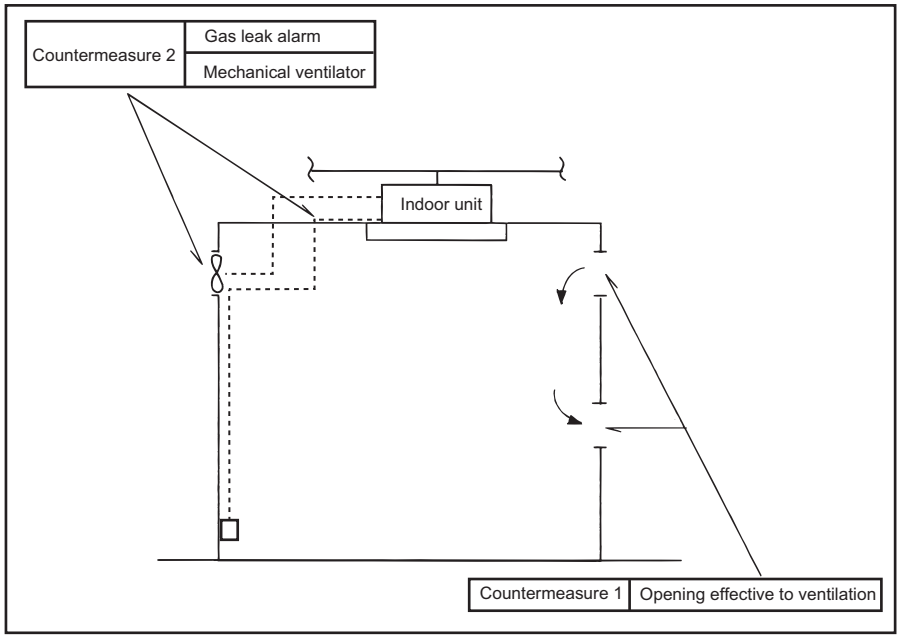
In case the result of calculation exceeds the concentration limit, perform the same calculations by shifting to the second smallest, and the third smallest rooms until at last the result is below the concentration limit.

1. Caution For Refrigerant Leaks

◆ In case the concentration exceeds the limit

When the concentration exceeds the limit, change original plan or take one of the counter measure shown below:

- **Counter measure 1**
  Provide opening for ventilation.
  Provide 0.15% or more size of opening to floor space both above and below door, or provide opening without door.
- **Counter measure 2**
  Provide gas leak alarm linked with mechanical ventilator.
- **Counter measure 3**
  Reducing the system's refrigerant quantity by deviding into smaller separate system.



⚠ CAUTION

Pay a special attention to the place, such as a basement, etc. where refrigerant can stay, since refrigerant is heavier than air.

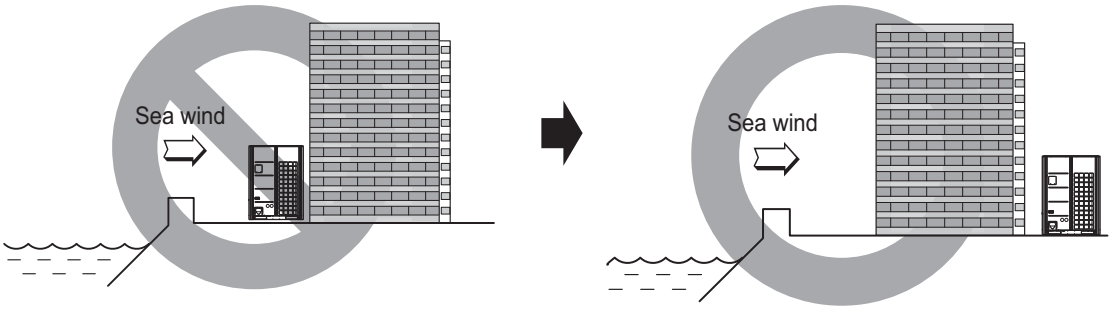
2. Guide for installing at seaside

⚠ CAUTION

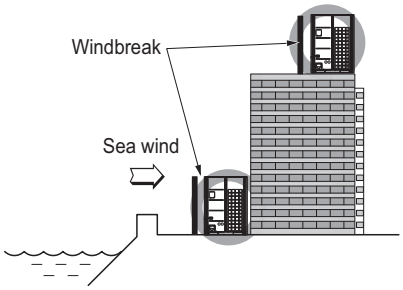
1. **Air conditioners must not be installed in areas where corrosive gases, such as acid or alkaline gas, are produced.**
2. **Avoid installing the product where it could be exposed to sea wind (salty wind) directly. It can result corrosion on the product. Corrosion, particularly on the condenser and evaporator fins, could cause product malfunction or inefficient operation.**
3. **If outdoor unit is installed close to the seaside, should avoid direct exposure to the sea wind.**

2.1 Selecting the location(Outdoor Unit)

1. If the outdoor unit is to be installed close to the seaside, direct exposure to the sea wind should be avoided. Install the outdoor unit on the opposite side of the sea wind direction.



2. In case, to install the outdoor unit on the seaside, set up a windbreak not to be exposed to the sea wind.



- It must be strong enough like concrete to prevent the sea wind from the sea.
- The height and width should be more than 150% of the outdoor unit.
- It must be kept more than 70 cm of distance between outdoor unit and the windbreak for smooth air flow.

3. Select a well-drained place.

⚠ CAUTION

Periodic (1 times per 6 months) cleaning of the dust or salt particles stuck on the heat exchanger is necessary by using clean water.

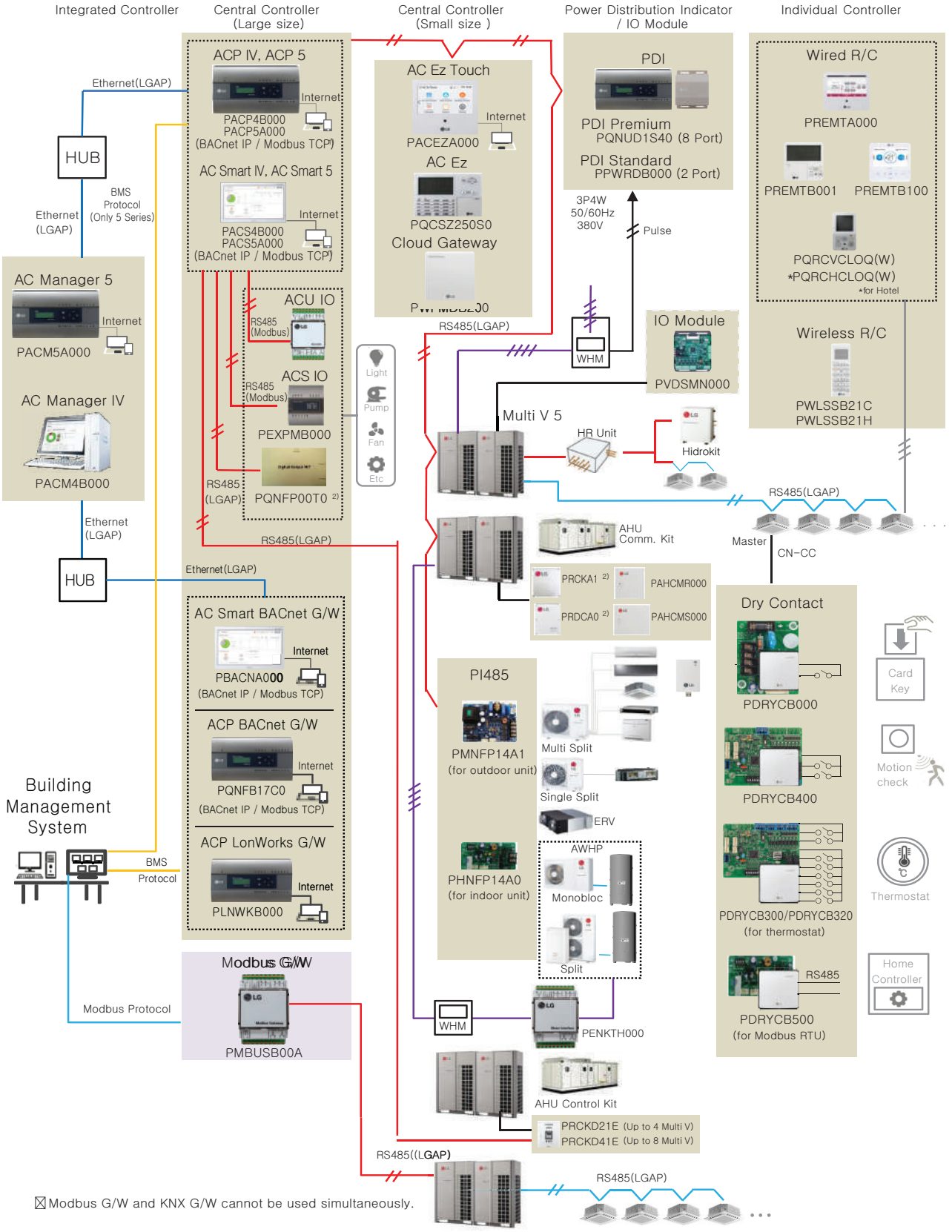
≫ If there is improper installation or maintenance not complying with the installation guide, product's performance and reliability is not guaranteed.

MULTI V™ 5

Control System

1. Solution Overview
2. Control System List
3. Function List
4. Accessory Compatibility List
5. Centralized Controller Compatibility List

1. Solution Overview



- 1) It is available 5 series controllers (ACP5, AC Smart5) only.
- If you need more detail, please refer to the Control PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

2. Control System List

Category	Controller name	Model name	Compatible Product	Dimensions (W x H x D, mm)	Feature
Individual controller	Premium Wired Remote Controller	PREMTA000(A/B)	All IDU ERV 1) ERV DX	137 x 121 x 16.5	• 5 inch color Display • Touch Screen • Group control (Max 16 indoor unit) • Temp./Humid. sensing
	Standard Wired Remote Controller	PREMTB100 PREMTBB10	All IDU ERV 1) ERV DX	120 x 120 x 16	• 4.3 inch color Display • Touch button • Group control (Max 16 indoor unit) • Temp./Humid. sensing • 1 Digital Output available(on/off)
		PREMTB001 PREMTBB01	All IDU ERV 1) ERV DX	120 x 120 x 16	• 4.3 inch mono Display • Hard button • Group control (Max 16 indoor unit) • 2-remote controller control • Temp. sensing • Basic / Advanced function* • schedule function
	Simple Wired Remote Controller	PQRCVCL0Q(W)	All IDU	120 x 64 x 15	• 2.6 inch mono Display • Hard button • Group control (Max 16 indoor unit) • 2-remote controller control • Temp. sensing • Basic function*
		PQRCHCA0Q(W)	All IDU	120 x 64 x 15	• 2.6 inch mono Display • Hard button • Group control (Max 16 indoor unit) • 2-remote controller control • Temp. sensing • Basic function* (except mode change)
	Wireless Remote Controller	PQWRHQ0FDB	All IDU	153 x 51 x 26	• Heat Pump • 2 inch mono Display • Hard button • Temp. sensing • Basic function*
		PQWRCQ0FDB	All IDU	153 x 51 x 26	• Cooling Only • 2 inch mono Display • Hard button • Temp. sensing • Basic function*

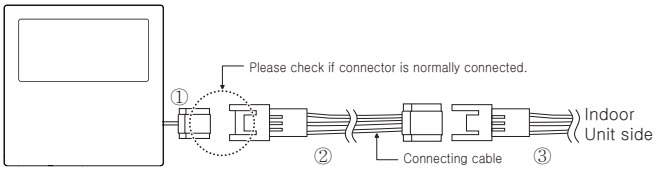
- 1) ERV : Energy Recovery Ventilation
- * Basic/Advanced function refer [Function List /Individual Controller].
- If you need more detail, please refer to the Control PDB or the manual of product.
  (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

2. Control System List

Outline of system

1. Installation Method

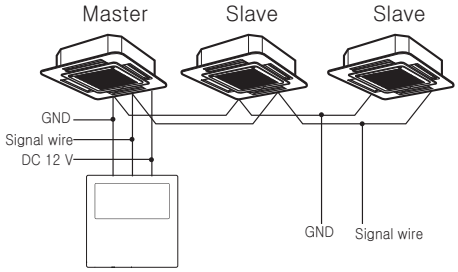
12 V	Red
Signal	Yellow
GND	Black



※ ① : AWG#24 / ②, ③ : AWG#22

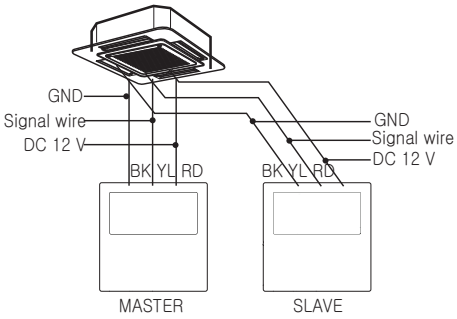
⇒ The total cable length must not exceed 50m. (It can cause communication error.)

2. Group Control



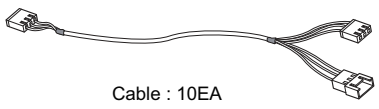
⇒ When controlling multiple indoor units with one remote controller, you must change the master/slave setting from the indoor unit.

3. 2-Remote Controller Control

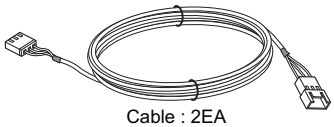


⇒ When installing more than 2 units of wired remote controller to one air conditioner, set one wired remote controller as master and the others all as slaves.

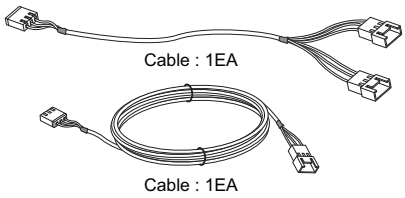
- **2-Remote Controller Control cable**
  - Model name : PZCWRC2
  - Length : 0.25m



- **Extension cable**
  - Model name : PZCWRC1
  - Length : 9.6m



- **Group Control cable**
  - Model name : PZCWRCG3
  - Length : 0.25m



- If you need more detail, please refer to the Control PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

2. Control System List

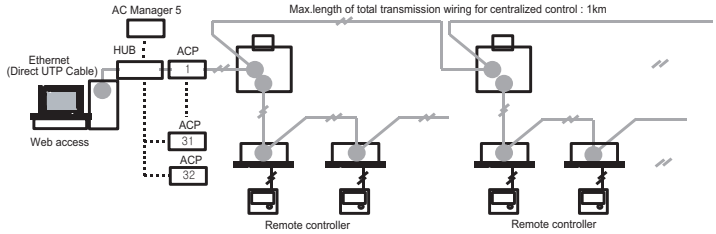
Category	Controller name	Model name	Compatible Product	Dimensions (W x H x D, mm)	Feature
Central controller	AC Manager 5	PACM5A000	All IDU ERV [1] ERV DX Heating AHU Chiller*	270 x 155 x 65	• PC Access Controller • DC 12 V Adaptor • Max 8,192 indoor unit control (Supports 32 ACP IV or AC Smart IV) • Chrome(Recommended), Safari, Internet Explorer 11 support
	AC Manager IV	PACM4B000	All IDU ERV [1] ERV DX Heating AHU Chiller*	-	• PC installation SW • Max 8,192 indoor unit control (Supports 32 ACP IV or AC Smart IV) • Windows XP/7/8/8.1/10 OS support
	ACP 5	PACP5A000	All IDU ERV [1] ERV DX Heating AHU Chiller*	270 x 155 x 65	• PC Access Controller • DC 12 V Adaptor • Max 256 indoor unit control • RS-485 : 6 channels CH1~4 : indoor unit [2] CH5 : LGAP(AHU) or Modbus(AHU, Chiller, ACS I/O) CH6 : Modbus(AHU, Chiller, ACS I/O) • DI 10EA, DO 4EA (DI1 : Emergency stop Only)
	ACP IV	PACP4B000			
	ACP BACnet	PQNFB17C0	All IDU ERV [1] ERV DX Heating AHU	270 x 155 x 65	• PC Access Controller • Max 256 indoor unit control • DC 12 V Adaptor • RS-485 : 6 channels CH1~4 : indoor unit [2] CH5 : LGAP(AHU) CH6 : Modbus(AHU, Chiller, ACS I/O) • DI 10EA, DO 4EA (DI1 : Emergency stop Only) • BACnet IP Protocol Support • Modbus TCP Protocol Support • BTL Certified(B-ASC)
	ACP Lonworks	PLNWKB000	All IDU ERV [1] ERV DX Heating AHU	270 x 155 x 65	• PC Access Controller • Max 64 indoor unit control • DC 12 V Adaptor • RS-485 : 6 channels Lon Comm. : 1 channel CH1~4 : indoor unit [2] CH5 : LGAP(AHU) CH6 : Not use LON : Lon Talk • Lonworks Protocol Support

- 1) ERV : Energy Recovery Ventilation
- 2) Indoor unit : IDU, ERV, DX ERV, Hydro Kit, DO Kit
- * It needs to apply Chiller Option KIT.
- If you need more detail, please refer to the Control PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

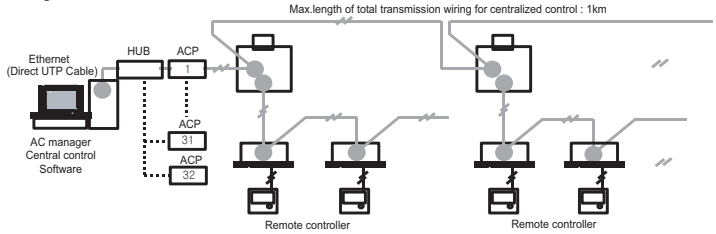
2. Control System List

Outline of system

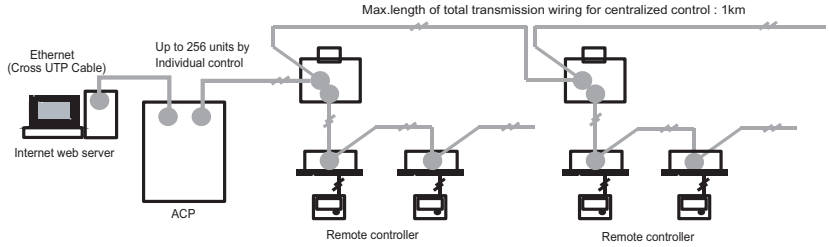
▶When using a HUB, use Direct UTP Cable.



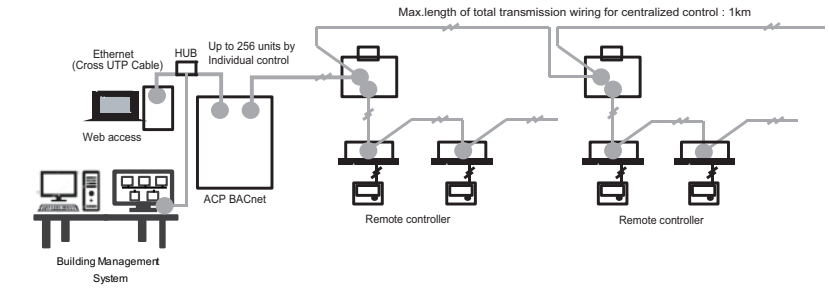
▶When using a HUB, use Direct UTP Cable.



- Recommended PC Specifications for AC Manager IV
  - CPU : Dual Core 2.4GHz or faster
  - System Memory: 4 GB or more
  - Hard Disk Space : 100 GB or more
  - OS : Windows XP/7/8/8.1/10
  - Resolution : 1280 x 1024 or higher
  - Recommended Graphics:
    VGA: For NVidia, Geforce or later.
    For ATI, Radeon or later
  - ACP : ACP version 1.1.4p or higher



- Max. the number of connected node* in one RS485 Line : 32
- Communication cable
  - Types : shielding wire
  - Use wires of size : over 0.75 ~ 1.5 mm^2
  - Max. allowable temperature of cable : 60℃
  - Max. length of total transmission wiring (End to End) : 1 km



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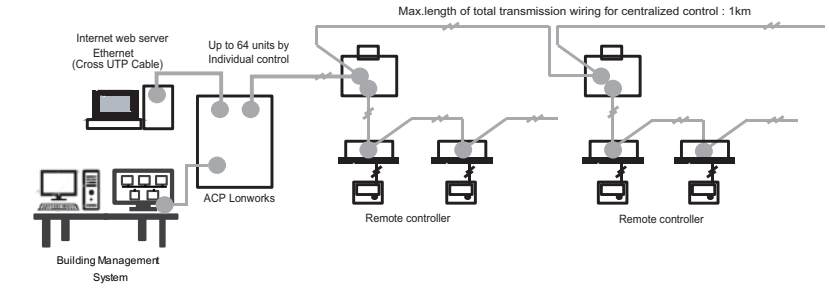
  - Max. allowable temperature of cable : 60℃
  - Max. length of total transmission wiring (End to End) : 1 km



- Max. the number of connected node* in one RS485 Line : 32
- Communication cable
  - Types : shielding wire
  - Use wires of size : over 0.75 ~ 1.5 mm^2
  - Max. allowable temperature of cable : 60℃
  - Max. length of total transmission wiring (End to End) : 1 km

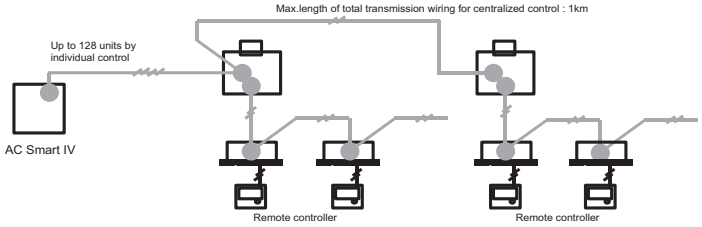
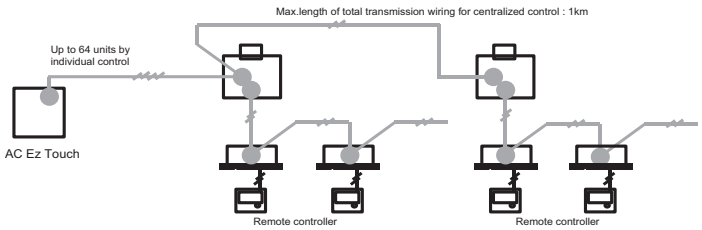
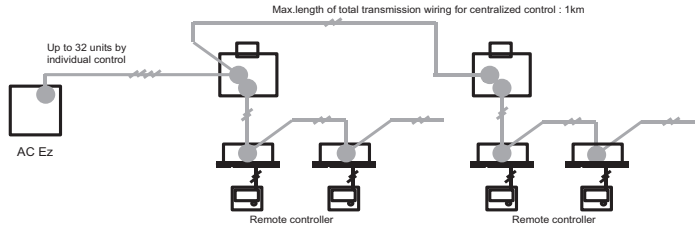
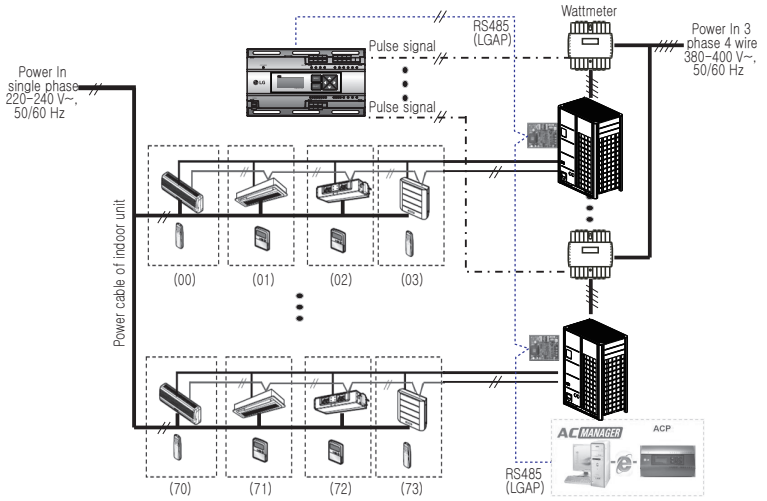
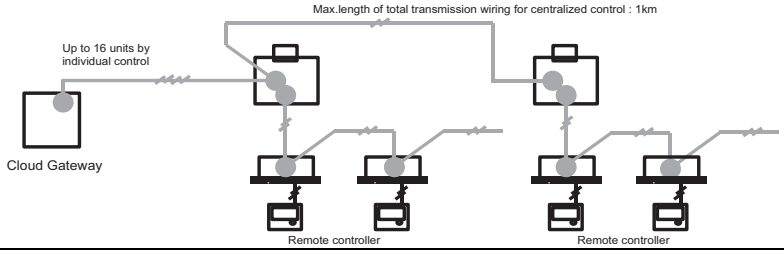
- * nodes : Central controller + (Multi V outdoor unit x 2) + Other PI 485 G/W ≤ 32 ea
  Ex) ACP 1ea + AC Smart Premium 2 ea + Multi V outdoor unit 6ea = 1 + 2 + (6 x 2) = 15 nodes
- If you need more detail, please refer to the Control PDB or the manual of product.
  (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

2. Control System List

Category	Controller name	Model name	Compatible Product	Dimensions (W x H x D, mm)	Feature
Central controller	AC Smart 5	PACS5A000	All IDU ERV [1] ERV DX Heating AHU Chiller*	253.2 x 167.7 x 28.9	• 10.2 inch color Display • Touch Screen • DC 12 V Adaptor • Max 128 indoor unit control • RS-485 : 2 channels CH1 : - LGAP(AHU) or - Modbus(AHU, Chiller, ACS I/O) - Indoor unit [2](AC Smart5 only[3]) CH2 : Indoor unit [2] • DI 2EA, DO 2EA
	AC Smart IV / AC Smart BACnet	PACS4B000 / PBACNA000			
	AC Ez Touch	PACEZA000	All IDU ERV [1] ERV DX Heating	137x 121 x 25	• 5inch color Display • Touch Screen • DC 12 V Adaptor • Max 64 indoor unit control • RS-485 : 1 channel • DI 1EA (Emergency stop Only)
	AC Ez	PQCSZ250S0	All IDU ERV [1] ERV DX	190 x 120 x 20	• TN Mono Display & 18 LED • Button Control • DC 12 V • Max 32 indoor unit control • RS-485 : 1 channel
	PDI Premium	PQNUD1S40	All IDU ERV DX Heating	[Controller] 270 x 155 x 65 [Power Module] 120 x 155 x 65	• EHP ODU 8EA(GHP 4EA) • 128 EHP Indoor Units (64 GHP Indoor Units) • AC 220~240 V Power Input • 8port Pulse Input
	PDI Standard	PPWRDB000	All IDU ERV DX Heating	[Controller] 270 x 155 x 65 [Power Module] 120 x 155 x 65	• EHP ODU 2EA(GHP 1EA) • 128 EHP Indoor Units (64 GHP Indoor Units) • AC 220~240 V Power Input • 2port Pulse Input
	Cloud Gateway	PWFMDB200	All IDU	120 x 120 x 29	• 12V DC • Max 16 indoor units • RS485 : 1 channel (LGAP) • Wired/Wireless LAN

- * It needs to apply Chiller Option KIT.
- 1) ERV : Energy Recovery Ventilation
- 2) Indoor unit : IDU, ERV, DX ERV, Heating
- 3) In case of using AC Smart IV or AC Smart BACnet, can't use CH1 for Indoor unit.
- If you need more detail, please refer to the Control PDB or the manual of product.
  (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

2. Control System List

Outline of system	
	• Communication cable – Types : shielding wire – Use wires of size : over 0.75 ~ 1.5 mm^2 – Max. allowable temperature of cable : 60℃ – Max. length of total transmission wiring (End to End) : 1 km
	• Communication cable – Types : shielding wire – Use wires of size : over 0.75 ~ 1.5 mm^2 – Max. allowable temperature of cable : 60℃ – Max. length of total transmission wiring (End to End) : 1 km
	• Communication cable – Types : shielding wire – Use wires of size : over 0.75 ~ 1.5 mm^2 – Max. allowable temperature of cable : 60℃ – Max. length of total transmission wiring (End to End) : 1 km
	• Communication cable – Types : shielding wire – Use wires of size : over 0.75 ~ 1.5 mm^2 – Max. allowable temperature of cable : 60℃ – Max. length of total transmission wiring (End to End) : 1 km • Pulse cable – Types : shielding wire – Use wires of size : over 0.75 ~ 1.5 mm^2 – Max. allowable temperature of cable : 60℃ – Max. length of total transmission wiring (End to End) : 10 m
	• Communication cable – Types : shielding wire – Use wires of size : over 0.75 ~ 1.5 mm^2 – Max. allowable temperature : 60°C – Max. length of total RS485 transmission wiring (End to End) : 1km

- * The maximum quantity of connected indoor unit is different depending on the quantity of connected I/O modules
- If you need more detail, please refer to the Control PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

2. Control System List

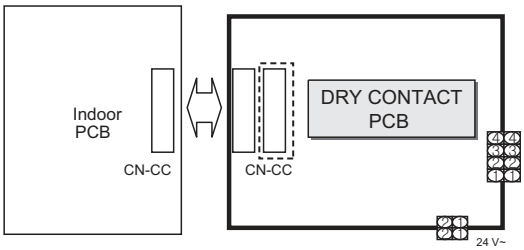
Category	Controller name	Model name	Objective / Use	Dimensions (W x H x D, mm)	Feature
Interface Device	Dry Contract	PDRYCB000 PDRYCB100	For Connect indoor unit to other forced on/off controller	120 x 120 x 36.5	• 1SET / 1 IDU • 1 Contact point • Input power AC 220V~240 V – PDRYCB000 : AC 220V~240V – PDRYCB100 : AC 24V • 2 output contacts(operation, error)
		PDRYCB300	For Connect Indoor unit to Other Thermostat Controller. (Available from Multi V II series)	120 x 120 x 36.5	• 1SET / 1 IDU • 8 Contact point • No need AC input • Target temperature setting is possible • 2 output contacts(operation, error)
		PDRYCB400	For Connect Indoor unit to other Forced on/off Controller. (Available from Multi V II series)	120 x 120 x 36.5	• 1SET / 1 IDU • 2 Contact point • No need AC input • Target temperature setting is possible • 2 output contacts(operation, error)
		PDRYCB500	For Connect Indoor unit to external controller. (Available from Multi V II series)	120 x 120 x 36.5	• 1SET / 1 IDU • 2 wire RS-485 • MODBUS • Address range (01~08)
	Remote Temperature Sensor	PQRSTA0	Sensor for detecting the room temperature	70 x 120 x 14.8	

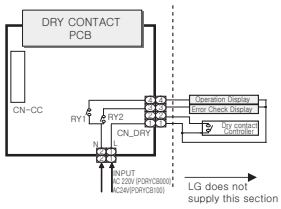
• If you need more detail, please refer to the Control PDB or the manual of product.
(http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

2. Control System List

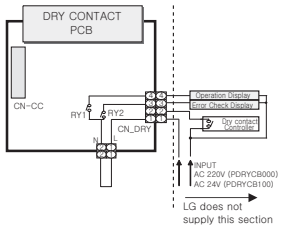
Outline of system

Connect CN-CC with Indoor PCB by the cable(provided)
- Connection of Dry contact only

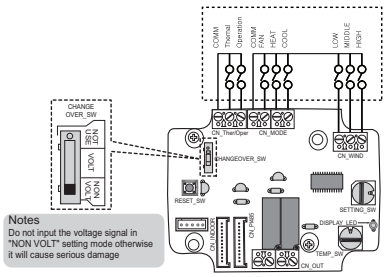




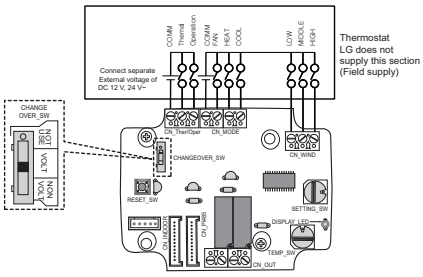
To Apply Power Source through PCB



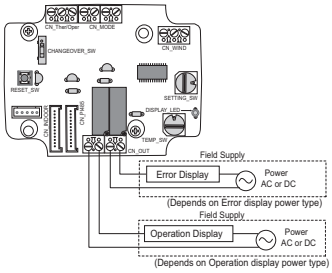
To Apply Power Source Directly to External Source



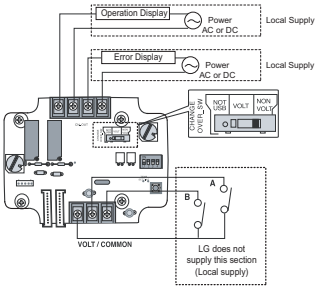
For no Power Contact Point signal Input



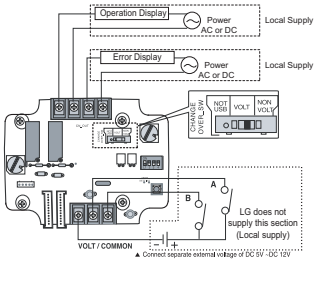
For Power Contact Point signal Input



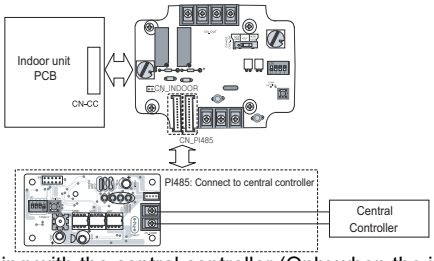
Indoor Unit Monitoring



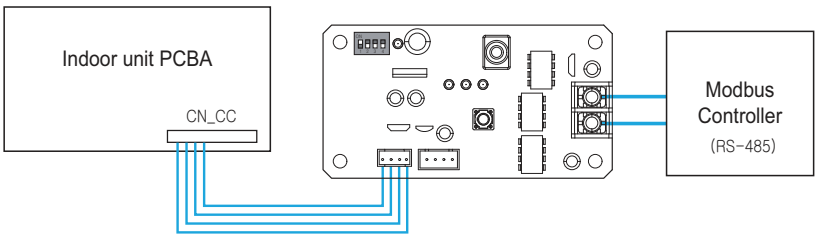
In Case Non Voltage Signal

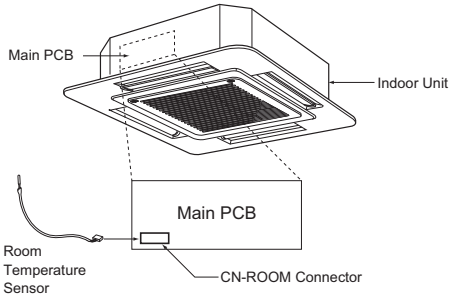


In Case Voltage Signal



▶When using with the central controller (Only when the indoor unit PCB is a non-communication model)





⚠ CAUTION

Remote temperature sensor only applied to Cassette and Duct products.

- If you need more detail, please refer to the Control PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

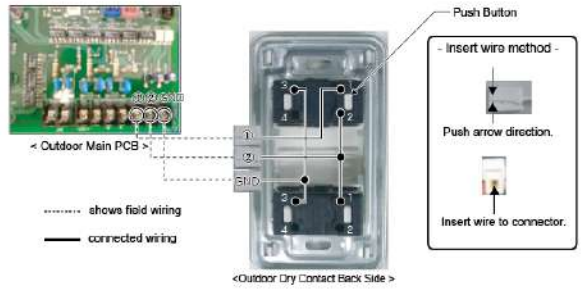
2. Control System List

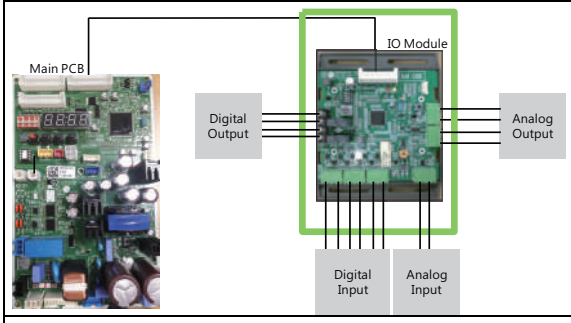
Category	Controller name	Model name	Objective / Use	Dimensions (W x H x D, mm)	Feature
Interface Device	Cool/Heat Selector	PRDSBM	To Select Operation Mode	74 x 120 x103	• Push Button Type • Mode : Cooling, Heating, Fan
	IO(Input/Output) Module	PVDSMN000	Expansion IO function (Available from Multi V IV series)	126 x 155 x 33	• AO 2EA (Voltage) • AI 2EA (Voltage) • DI 6EA (DryContact) • DO 2EA (operation, error) Relay Output / Normal Open
	Variable Water Flow Valve Control Kit [1)]	PWFCKN000	Variable Water Flow Valve (Available from Multi V Water IV series)	218 x 200 x 85	• AO 2EA (Voltage) • AI 2EA (Voltage) • DI 6EA (DryContact) • DO 2EA (operation, error) Relay Output / Normal Open
	Low Ambient Control Kit	PRVC2	Low Ambient (Available from Multi V IV series)	126 x 155 x 33	• AO 2EA (Voltage) • AI 2EA (Voltage) • DI 6EA (DryContact) • DO 2EA (operation, error) Relay Output / Normal Open
	ACS I/O Module	PEXPMB000	ACP 5 ACP IV AC Smart 5 AC Smart IV	126 x 155 x 65	• 24 V~ Power Input • AO 4EA (Voltage) • UI 4EA (Voltage, Current, NTC 10k, PT1000, Ni1000, Dry Contact) • DI 3EA (Dry Contact) • DO 3EA (Relay Output / Normal Open) • RS-485 : 1 channel(Modbus)

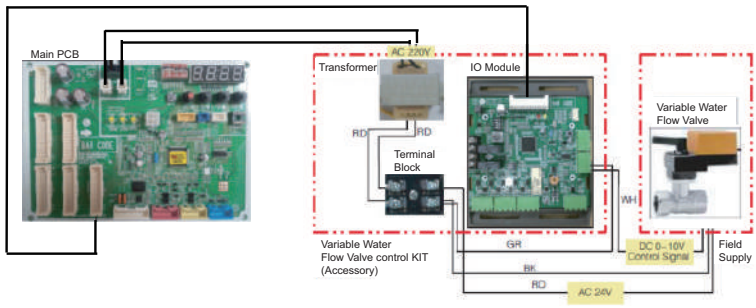
- 1) It is available Multi V Water Outdoor unit only.
- If you need more detail, please refer to the Control PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

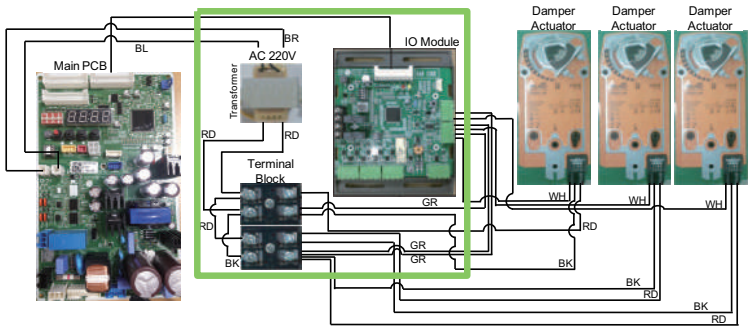
2. Control System List

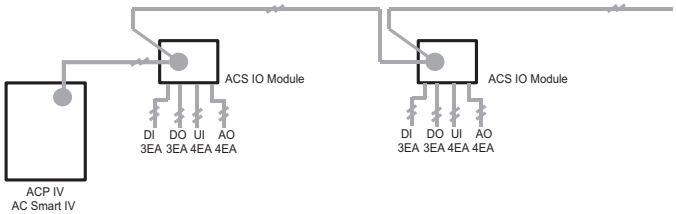
Outline of system









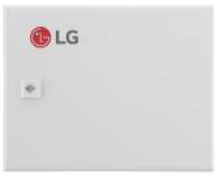


- ACP IV : Up to 16 ACS IO Modules*
- AC Smart IV : Up to 9 ACS IO Modules*

- Communication cable
  - Types : shielding wire
  - Use wires of size : over 0.75 ~ 1.5 mm^2
  - Max. allowable temperature : 60°C
  - Max. length of total transmission wiring for centralized control : 1km
  - Max. length of I/O wiring : 100m

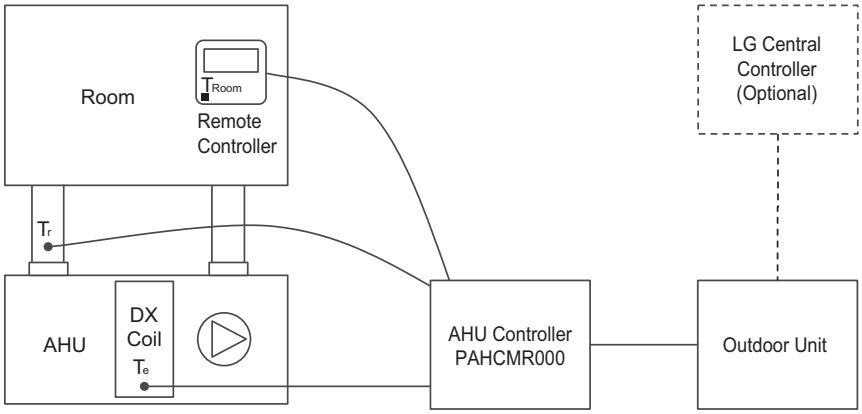
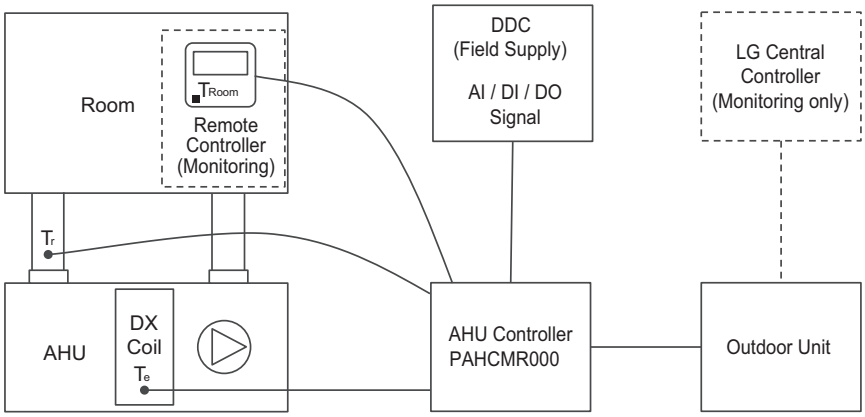
- If you need more detail, please refer to the Control PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

2. Control System List

Category	Controller name	Model name	Objective / Use	Dimensions (W x H x D, mm)	Feature
Interface Device	AHU Comm. Kit	PAHCMR000 <Product cover> <Communication Module>	Return Air Temperature Control	300 X 300 X 155	• UI 4EA (AI/DI) • DO 3EA (Relay, A type) • T/B Spring Push Type
	AHU Comm. Kit	PAHCMS000  <Product cover> <Main Module(left) and Communication Module(right)>	Discharge Air Temperature Control	380 X 300 X 155	• UI 15EA (AI/DI) • DI 3EA (Dry Contact) • DO 9EA (Relay,A type 8EA, C type 1EA) • AO 6EA (0~10V) • T/B Spring Push Type

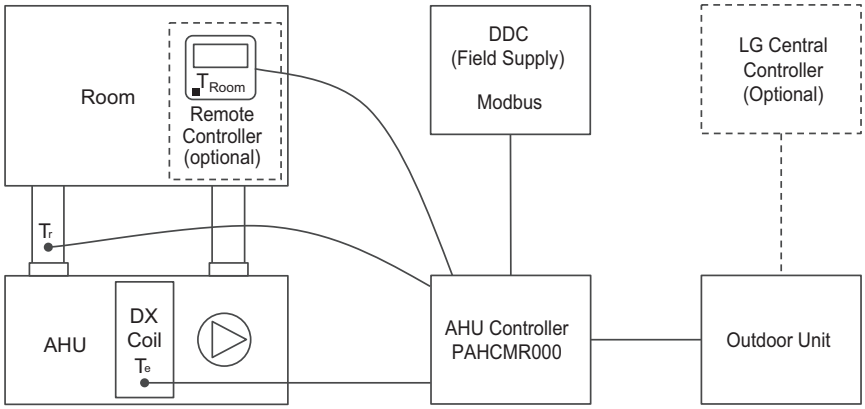
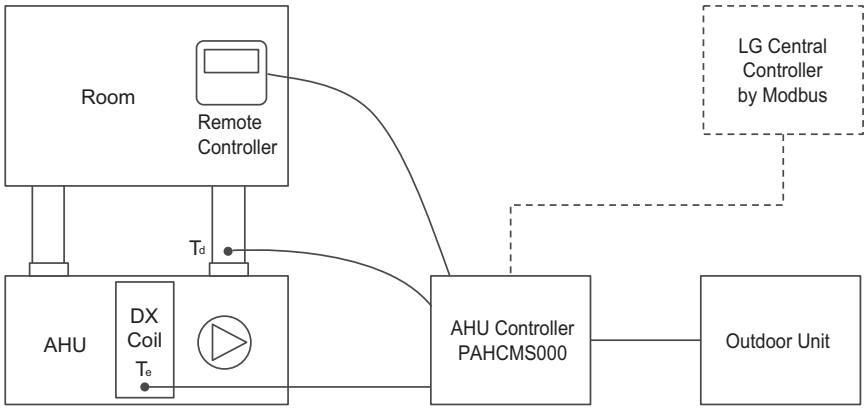
- If you need more detail, please refer to the Control PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

2. Control System List

	Outline of system
Return Air Tempera - ture Control	• LG Control : Fixed T_e + T_r or T_{Room}  A fixed evaporating or condensing temperature of a DX coil (T_e) can be controlled by either return air temperature (T_r) or room air temperature (T_{Room}). A fixed target evaporating or condensing temperature can be changed in MULTI V and Single outdoor unit setting.
	• DDC Control by Contact Signal : Fixed T_e + T_r or T_{Room}  The DDC controls return air temperature (T_r) or room air temperature (T_{Room}) by transferring AI / DI / DO signal to the AHU Communication Kit for Return air control. A fixed target evaporator or condensing temperature (T_e) can be changed in MULTI V and Single outdoor setting. LG wired remote controller and LG Central Controller can be optionally applied, but only monitoring function is possible.

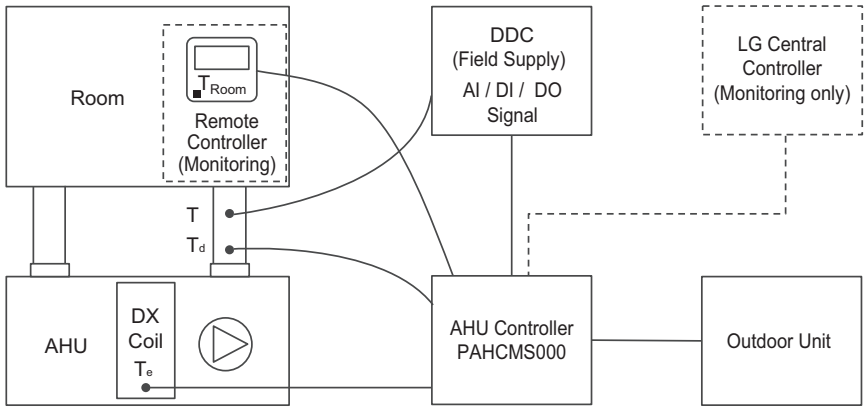
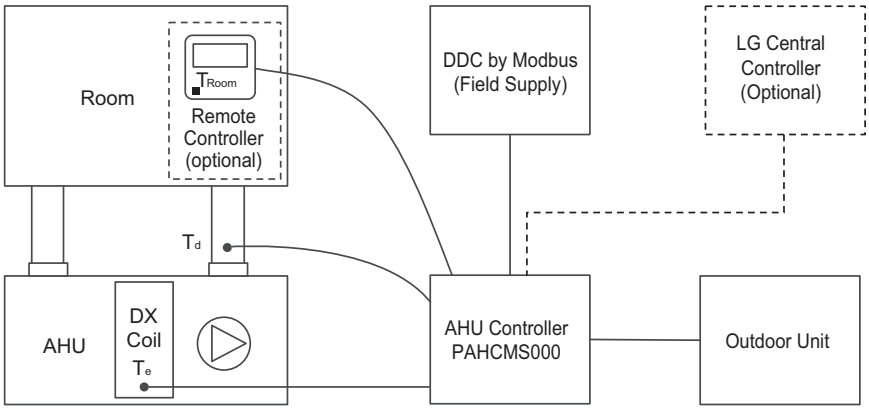
• If you need more detail, please refer to the Control PDB or the manual of product.
(http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

2. Control System List

	Outline of system
Return Air Temperature Control	• DDC Control by Modbus : Fixed T_e + T_r or T_{Room}  The DDC controls return air temperature (Tr) or room air temperature (TRoom) by transferring Modbus signal to the AHU Communication Kit for Return air control. To control room air, the LG wired controller can be purchased optionally. A fixed target evaporator or condensing temperature (T_e) can be changed in MULTI V and Single outdoor setting.
Discharge Air Temperature Control	• LG Control : Variable T_e + T_d  The Communication Kit for Discharge Air Temperature Control is single-handed able to cover this function. The Communication Kit adjusts the evaporating or condensing temperature (Te) by monitoring the supplied air temperature (T_d) in order to meet the required set target (T_d).

• If you need more detail, please refer to the Control PDB or the manual of product.
(http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

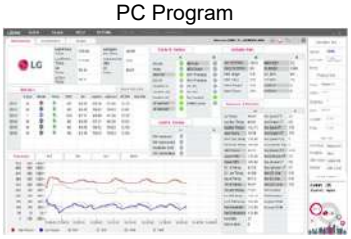
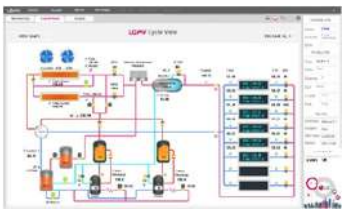
2. Control System List

	Outline of system
Discharge Air Tempera-ture Control	• DDC Control by Contact Signal : Variable T_e + T_d (0~10 V)  The DDC controls the discharge air temperature by sending an analog input (0 to 10V) to the AHU Communication Kit for Discharge Air Control which will adjust the targets (T_e) to which the outdoor unit is running hence increasing or decreasing the discharge air temperatures.
	• DDC Control by Modbus : Variable T_e + T_d  The DDC controls the discharge air temperature (T_d) by sending modbus signal to the AHU Communication Kit which will vary the targets (T_e) to which the outdoor unit is running hence increasing or decreasing temperatures.

• If you need more detail, please refer to the Control PDB or the manual of product.
(http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

2. Control System List

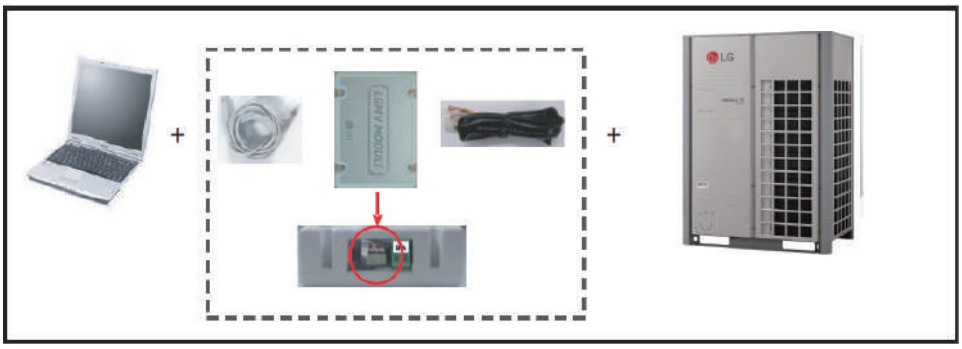
Category	Controller name	Model name	Objective /Use	Dimensions (W x H x D, mm)	Feature
Maintenance Accessory	LGMV	PRCTIL0	LGMV data monitoring via Personal Computer	105 x 78 x 36	• Length of cable : 1m (3m extension cable is included) • RS232(ODU), RS485(IDU) support • USB type of connection are possible.

Category	Connected device	Installation Method	Feature
Maintenance Accessory	PC Program  	• Web Install – Connect to homepage (http://partner.lge.com) and select HVAC category then downloaded installation file on software menu. • Automatic Install – The accessory application program supports for automatic updates. • CD Install – It can be installed on from CD.	• Minimum Specification – Windows XP – MS Office 2003 • Recommended Specification – Windows7 (Win10 is possible) – MS Office 2007 • Resolution – 2048 x 1536 (optimization) – 1024 x 768 • Basic specification – CPU 1 GHz – RAM 1 GB

• If you need more detail, please refer to the Control PDB or the manual of product.
(http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

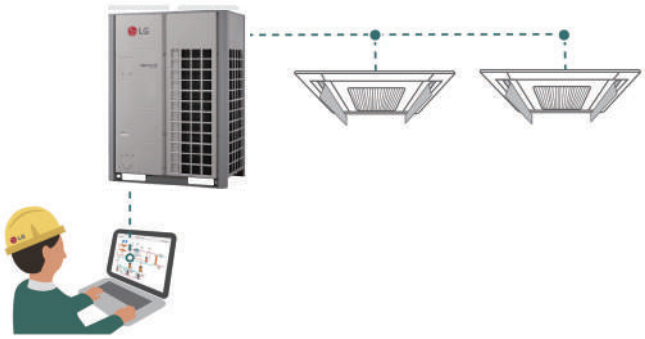
2. Control System List

Outline of system



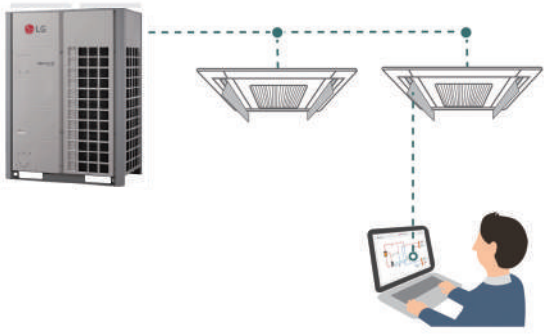
1. Outdoor connection

Connect LGMV cable to Multi V PCB LGMV port



2. Indoor unit connection

Connect LGMV cable to Multi V Indoor unit communication port



- If you need more detail, please refer to the Control PDB or the manual of product.
  (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

2. Control System List

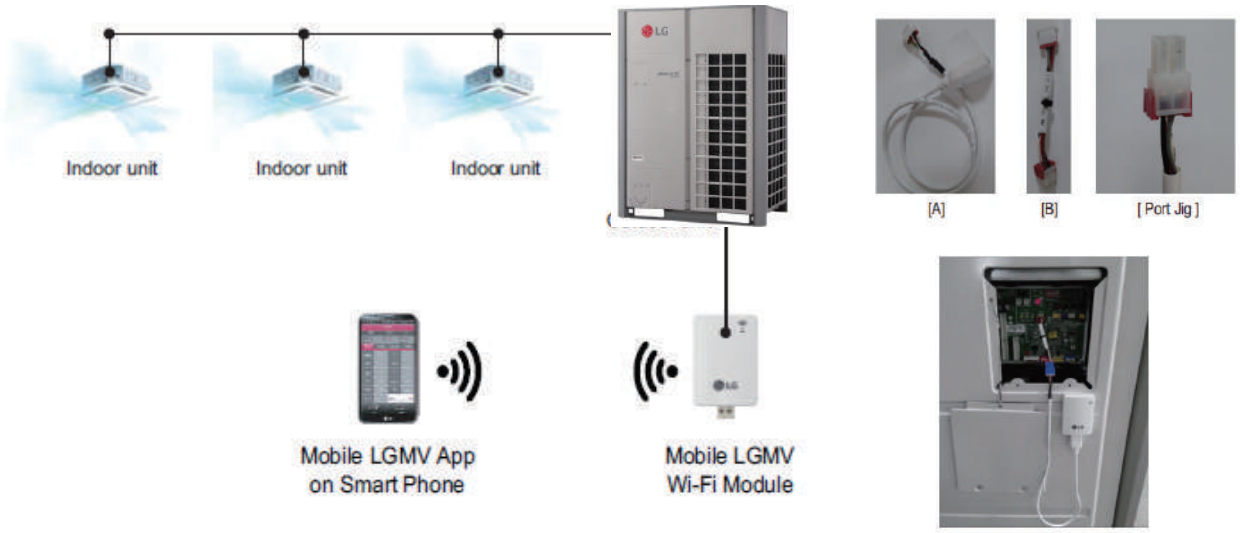
Category	Controller name	Model name	Objective /Use	Dimensions (W x H x D, mm)	Feature
Maintenance Accessory	Mobile LGMV	PLGMVW100	LGMV monitoring via mobile device	48 x 78 x 14.5	• The effective distance for wireless communication is 10m • The effective distance may be reduced by the communication environment.

Category	Connected device	Installation Method	Feature
Maintenance Accessory	iOS App. (iPad only)	Tap the app Store icon on the screen. And then Search ‘mobile lgmv’	• Minimum Specification – iOS 7.1 • Recommended Specification – iOS 7.1/8.0/8.1 • Resolution – 2048 x 1536 (optimization) – 1024 x 768
	Android mobile phone App.	Tap the Play Store icon on the screen. And then Search ‘mobile lgmv’	• Basic specification – Phone: Android OS 2.2 – Pad: Android 4.4.2(Kitkat) – CPU 1 GHz – RAM 1 GB • Recommended Specification – Android OS 4.4.2(Kitkat) or higher, CPU 1 GHz Dual Core or higher, RAM 1 GB or higher 1280 x 720, 800 x 480 resolution (Optimized)

- If you need more detail, please refer to the Control PDB or the manual of product.
  (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

2. Control System List

Outline of system



- If you need more detail, please refer to the Control PDB or the manual of product.
  (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

3. Function List

■ Individual Controller

Controller Name		Premium Wired Remote Controller	Standard Wired Remote Controller		Simple Wired Remote Controller	Simple Wired Remote Controller	Wireless Remote Controller
Product Image							
Model Name		PREMTA000 PREMTA000A PREMTA000B	PREMTB100 PREMTBB10	PREMTB001 PREMTBB01	PQRCVCL0Q PQRCVCL0QW	PQRCHCA0Q PQRCHCA0QW	PQWRHQ0FDB
Basic	On / Off	O	O	O	O	O	O
	Fan Speed Control	O	O	O	O	O	O
	Temperature Setting	O	O	O	O	O	O
	Mode Change	O	O	O	O	X	O
	Auto Swing	O	O	O	O	O	O
	Vane Control (Louver Angle)	O	O	O	O	O	O
	E.S.P (External Static Pressure)	O	O	O	O	O	X
	Electric Failure Compensation	O	O	O	O	O	X
	Indoor Temperature Display	O	O	O	O	O	O
	ALL Button Lock (Child Lock)	O	O	O	O	O	X
Advanced	Schedule / Timer	O	O	O	X	X	O
	Additional Mode Setting*	O	O	O	X	X	X
	Time Display	O	O	O	X	X	O
	humid. Display	O	O	X	X	X	X
	Advanced Lock (mode, set point, set point range, on/off Lock)	Advanced Lock	Advanced Lock	Mode Lock	X	X	X
	Filter Sign	O	O	O	X	X	X
	EnergyManagement **	O	O	O	X	X	X
	Dual Set point	O	O	X	X	X	X
	Human Detection	X	O	X	X	X	X
	Temp, Humidity compensation	O	O	X	X	X	X
	Wifi AP mode setting	O	O	O	O	O	O
ETC	Operation StatusLED	O	O	O	O	O	X
	Wireless Remote Controller Receiver	O***	X	O***	O***	O***	X
	Display	5 inch Color Display	4.3 inch Color Display	4.3 inch mono Display	2.6 inch mono Display	2.6 inch mono Display	2 inch mono Display
	Size (W x H x D, mm)	137 x 121 x 16.5	120 x 120 x 16	120 x 120 x 15	64 x 120 x 15	64 x 120 x 15	51 x 153 x 26
	Black Light Control for Screen Saver	O	O	X	X	X	X

- O : Applied X : Not applied
- * It might not be indicated or operated at the partial product
- ** Centralized control (PACS5A000 / PACS4B000 / PACP5A000 / PACP4B000 / PQNFB17C0 / PLNWKB000) and PDI (PQNUD1S40 / PPWRDB000) should be installed for this function
- *** For ceiling type duct
- Indoor unit should have functions requested by the controller
- If you need more detail, please refer to the Control PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

3. Function List

■ Central Controller

Controller Name	AC Ez	AC Ez touch	AC Smart IV	AC Smart 5 [2]
Product Image				
Model Name	PQCSZ250S0	PACEZA000	PACS4B000	PACS5A000
Maximum Number of Indoor Units	32	64	128	128
Individual / Group Control (On & Off, Mode, Set Point, Fan Speed)	O	O	O	O
Individual Controller Lock	O (All)	O (Temperature, Mode, Fan, All)	O (Temperature, Mode, Fan, All)	O (Temperature, Mode, Fan, All)
Error Check	O	O	O	O
Mode Change	O	O	O	O
Schedule	8 Event	Daily, Weekly, Monthly, Yearly, Exception day	Daily, Weekly, Monthly, Yearly, Exception day	Daily, Weekly, Monthly, Yearly, Exception day
Operation History	X	X	O	O
Visual Navigation	X	X	O	O
Operation Time Limit	X	X	O	O
Temperature Limit	X	O	O	O
Remote Access [1]	X	PC SW	Web	Web
Auto Changeover / Setback	X	O	O	O
Power Consumption Monitoring (with PDI)	X	O	O	O
Energy navigation	X	X	O	O
Interlock Control	X	X	O	O
Virtual Group Control	X	X	O	O
Emergency Alarm Display	X	O	O	O
ACS I/O Module Interlocking	X	X	O	O
External IO Port No.	X	DI 1EA	DI 2EA DO 2EA	DI 2EA DO 2EA
Connectable Products	Air conditioner ERV ERV DX	Air conditioner ERV ERV DX Hydro kit	Air conditioner ERV ERV DX Hydro kit AHU Chiller*	Air conditioner ERV ERV DX Hydro kit AHU Chiller*

- O : Applied X : Not applied
- 1) Assignment of public IP address is required to access central controller through internet.
- 2) Without additional device, ACP 5 and AC Smart 5 provide BACnet IP and Modbus TCP interface for BMS.
- * It needs to apply Chiller Option KIT.
- If you need more detail, please refer to the Control PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

3. Function List

Controller Name	ACP IV	ACP 5 [2]	AC Manager IV	AC Manager 5
Product Image				
Model Name	PACP4B000	PACP5A000	PACM4B000	PACM5A000
Maximum Number of Indoor Units	256	256	8,192	8,192
Individual / Group Control (On & Off, Mode, Set Point, Fan Speed)	O	O	O	O
Individual Controller Lock	O (Temperature, Mode, Fan, All)	O (Temperature, Mode, Fan, All)	O (Temperature, Mode, Fan, All)	O (Temperature, Mode, Fan, All)
Error Check	O	O	O	O
Mode Change	O	O	O	O
Schedule	Daily, Weekly, Monthly, Yearly, Exception day	Daily, Weekly, Monthly, Yearly, Exception day	Daily, Weekly, Monthly, Yearly, Exception day	Daily, Weekly, Monthly, Yearly, Exception day
Operation History	O	O	O	O
Visual Navigation	O	O	O	O
Operation Time Limit	O	O	O	O
Temperature Limit	O	O	O	O
Remote Access [1]	Web	Web	PC SW	Web
Auto Changeover / Setback	O	O	O	O
Power Consumption Monitoring (with PDI)	O	O	O	O
Energy navigation	O	O	X	O
Interlock Control	O	O	O	O
Virtual Group Control	O	O	O	O
Emergency Alarm Display	O	O	O	O
ACS I/O Module Interlocking	O	O	O	O
External IO Port No.	DI 10EA DO 4EA	DI 10EA DO 4EA	X	X
Connectable Products	Air conditioner ERV ERV DX Hydro kit AHU Chiller*	Air conditioner ERV ERV DX Hydro kit AHU Chiller*	Air conditioner ERV ERV DX Hydro kit AHU Chiller*	Air conditioner ERV ERV DX Hydro kit AHU Chiller*

- O : Applied X : Not applied
- 1) Assignment of public IP address is required to access central controller through internet.
- 2) Without additional device, ACP 5 and AC Smart 5 provide BACnet IP and Modbus TCP interface for BMS.
- * It needs to apply Chiller Option KIT.
- If you need more detail, please refer to the Control PDB or the manual of product.
  (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

4. Accessory Compatibility List

Product		Model name	ETC	Compatibility
Wireless Remote Controller	-	PQWRH(C)Q0FDB	-	○
Wired Remote Controller	Simple	PQRCVCL0Q(W)	Simple	○*
		PQRCHCA0Q(W)	for Hotel	○*
	Standard	PREMTB001	Standard II(White)	○
		PREMTBB01	Standard II (Black)	○
		PREMTB100	Standard III (White)	○
		PREMTBB10	Standard III (Black)	○
	Premium	PREMTA000(A/B)	Premium	○**
Dry contact	Simple Contact	PDRYCB000	Simple Dry Contact	○
	Communication type	PDRYCB400	2 Points Dry Contact (For Setback)	○
		PDRYCB300	Dry Contact For 3rd Party Thermostat	○
		PDRYCB500	Dry Contact For Modbus	○
	IO Module	PQDSBCDVM0	Demand controller for MULTI V III	X
		PVDSMN000	Demand controller From MULTI V IV series	○
	Variable Water Flow Control kit	PRVC0	For MULTI V WATER II	X
		PWFCKN000	For MULTI V WATER IV	○
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
	ODU PI485	PMNFP14A1	PI 485 Gateway	X
	Cool/Heat Selector	PRDSBM	For MULTI V Heat Pump / Mode lock (Cool/Heat/Fan)	○
	Low Ambient Kit	PRVC2	From MULTI V IV series	○
	AHU Comm. Kit	PAHCMR000	Return Air Temperature Control	○
		PAHCMS000	Discharge Air Temperature Control	○
	Water Comm. Kit	PAHCMW000	Water Communication Module	○
	BACnet	PQNFB17C0	ACP BACnet	○
	Lonworks	PLNWKB000	ACP Lonworks	○
	Modbus	PMBUSB00A	Modbus RTU	○
	Cloud Gateway	PWFMDB200	Cloud Gateway	○
Central Controller	Simple	PQCSZ250S0	AC Ez	○
	AC Ez Touch	PACEZA000	AC Ez Touch	○
	AC Smart	PACS4B000	AC Smart IV	○
		PACS5A000	AC Smart 5	○
	ACP	PACP4B000	ACP IV	○
		PACP5A000	ACP 5	○
	AC Manager	PACM5A000	AC Manager 5	○***
ETC	Remote Temperature Sensor	PQRSTA0	-	○
	Zone Controller	ABZCA	-	X
	CO_2 Sensor	AHCS100H0	For ERV, ERV DX Indoor units (Internal type)	○
	Group Control Wire	PZCWRCG3	0.25m	-
	2-Remo Control Wire	PZCWRC2	0.25m	-
	Extension Wire	PZCWRC1	10m	-
	Wi-Fi Controller*	PWFMDD200	-	○
	PDI	PPWRDB000	PDI Standard	○
		PQNUD1S40	PDI Premium	○
	ACS I/O Module	PEXPMB000	-	-

- O: Possible X: Impossible - : Not applicable
- * It is possible basic function only. (Refer [Function List – Individual Controller])
- ** It isn't possible some function
- *** PACS4B000, PACP4B000, PACS5A000, PACP5A000, PQNFB17C0 or PLNWKB000 is needed.
- 1) This product is provided by INTESIS.
- If you need more detail, please refer to the Control PDB or the manual of product.
  (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

4. Accessory Compatibility List

■ E.O.L Model [1)]

Product		Model name	ETC	Compatibility
Wireless Remote Controller	-	PQWRH(C)DF0	-	○
Wired Remote Controller	Standard	PQRCVSL0	RS2 Wired (black)	○*
		PQRCVSL0QW	RS2 Wired (White)	○*
Dry contact	Simple Contact	PQDSA	-	○
		PQDSA(1)	-	○
		PQDSB(1)	-	○
	Communication type	PQDSBC	-	○
		PQDSBNGCM1	-	○
		PQDSBCGCD0	Dry Contact for Thermostat	○
		PQDSBC1	-	○
Central Controller	Simple	PQCSB101S0	Simple central controller	○
		+ PQCSC101S0	Function controller	○**
		+ PQCSD130A0	Function Scheduler	○**
	AC Smart	PQCSW320A1E	AC Smart II	○
		+ PQCSE341A0	Option Kit	○***
		+ PQCSE342A0	Option Kit	○***
		+ PQCSE440U0	Expansion Kit	○***
		PQCSW421E0A	AC Smart Premium	○
	ACP	PQCPA11A0E	ACP without IO	○
		PQCPC22N0	ACP Standard	○
		PQCPB11A0E	ACP with IO	○
		PQCPC22A0	ACP Premium	○
	AC Manager	PQCSS520A0E	AC Manager	○****
		PQCSSA21E0	AC Manager Plus	○****
		PACM4B000	AC Manager IV	○****
Gateway	ODU PI485	PMNFP14A0	PI 485 Gateway	X
		PV485N000	PI 485 Gateway (For Multi V IV)	X
	Low Ambient Kit	AQLA	-	X
	BACnet	PQNFB17B0	BACnet Gateway	○
	Lonworks	PQNFB16A1	Lonworks Gateway	○
ETC	PDI	PQNUD1S00	PDI	○
	Telecom Shelter Controller	PQCSA001T0	-	○
	Electronic Thermostat	AQETC	-	○
	CTI	PKFC0	-	○
	CO_2 Sensor	PES-C0RV0	For ERV, ERV DX Indoor units (External type)	○
	DO KIT	PQNFP00T0	-	-

- O: Possible X: Impossible
- * It isn't possible some function.
- ** PQCSB101S0 is needed.
- *** PQCSW320A1E is needed.
- **** ACP is needed.
- 1) E.O.L Model has been discontinued, so stock is subject to availability.

5. Centralized Controller Compatibility List

■ Compatibility between Controllers

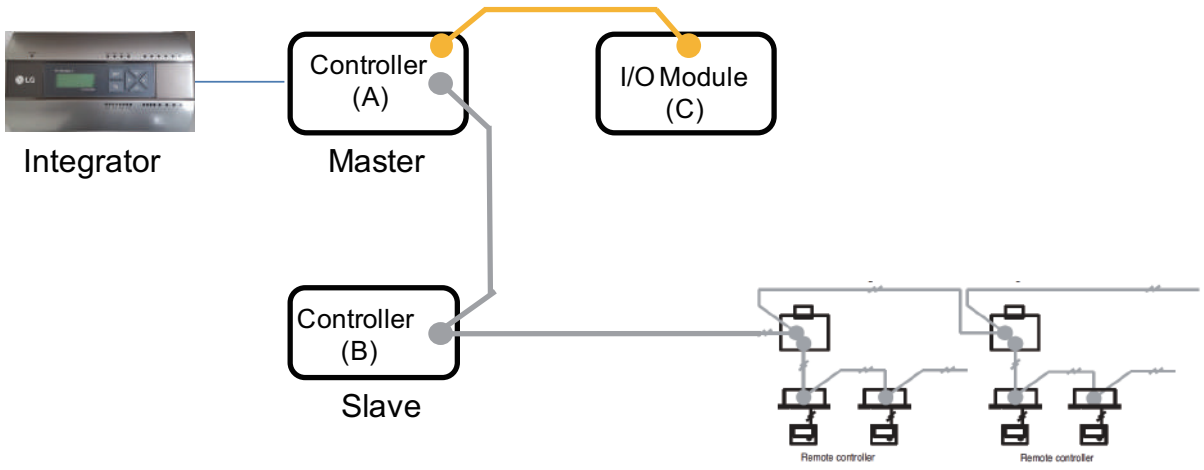
Master (A)	Slave (B)							
	AC Ez	AC Ez Touch	AC Smart IV AC Smart 5	ACP IV ACP 5	ACP BACnet	ACP Lonworks	PDI	Cloud Gateway
AC Ez	○	X	X	X	X	X	X	X
AC Ez Touch	○	○	X	X	X	X	○	X
AC Smart IV, AC Smart 5	○	○	○	X	X	X	○	X
ACP IV, ACP 5	○	○	○	X	X	X	○	X
ACP BACnet	○	○	○	X	X	X	○	X
ACP Lonworks	○	○	○	X	X	X	○	X
PDI	X	X	X	X	X	X	X	X
Cloud Gateway	○	X	X	X	X	X	X	X

■ Compatibility with Integrator

Integrator	Controller							
	AC Ez	AC Ez Touch	AC Smart IV AC Smart 5	ACP IV ACP 5	ACP BACnet	ACP Lonworks	PDI	Cloud Gateway
AC Manager IV	X	X	○	○	○	○	X	X
AC Manager 5	X	X	○	○	○	○	X	X

■ Compatibility with IO Module

IO Module (C)	Controller								
	AC Ez	AC Ez Touch	AC Smart IV AC Smart 5	AC Smart BACnet	ACP IV ACP 5	ACP BACnet	ACP Lonworks	PDI	Cloud Gateway
ACS I/O Module	X	X	○	○1)	○	○1)	○1)	X	X



- If you need more detail, please refer to the Control PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
- 1) This Function is possible to use in Web Only. (BMS Point is not applied)

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