LG

TOTAL HVAC SOLUTION PROVIDER

ENGINEERING PRODUCT DATA BOOK

MULTI V™ 5

Cooling Only 220V/460V
R410A(50Hz/60Hz)
6CVV0-01B (Replaces 6CVV0-01A)

LG
Life's Good

P/No. : MFL67474054

MULTI V™ 5
Cooling Only

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MULTI V™ 5
Cooling Only

General Information

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1. Model Line-up & External Appearance

◆ **220V**

CHASSIS	Model Name	Model
UXA	ARUV096BTE5 ARUV121BTE5	
UXB	ARUV144BTE5 ARUV168BTE5 ARUV192BTE5 ARUV216BTE5 ARUV241BTE5 ARUV264BTE5	
UXB UXA	ARUV288BTE5 ARUV312BTE5 ARUV336BTE5 ARUV360BTE5	
UXB UXB	ARUV384BTE5 ARUV408BTE5 ARUV432BTE5 ARUV456BTE5 ARUV480BTE5	
UXB UXB UXA	ARUV504BTE5 ARUV530BTE5 ARUV554BTE5 ARUV578BTE5 ARUV603BTE5	
UXB UXB UXB	ARUV626BTE5 ARUV650BTE5 ARUV674BTE5 ARUV698BTE5 ARUV723BTE5	
UXB UXB UXB UXA	ARUV747BTE5 ARUV771BTE5 ARUV795BTE5 ARUV819BTE5 ARUV844BTE5	
UXB UXB UXB UXB	ARUV867BTE5 ARUV891BTE5 ARUV915BTE5 ARUV939BTE5 ARUV964BTE5	

1. Model Line-up & External Appearance

◆ **460V**

CHASSIS	Model Name	Model
UXA	ARUV096DTE5 ARUV121DTE5	
UXB	ARUV144DTE5 ARUV168DTE5 ARUV192DTE5 ARUV216DTE5 ARUV241DTE5 ARUV264DTE5	
UXB UXA	ARUV288DTE5 ARUV312DTE5 ARUV336DTE5 ARUV360DTE5	
UXB UXB	ARUV384DTE5 ARUV408DTE5 ARUV432DTE5 ARUV456DTE5 ARUV480DTE5	
UXB UXB UXA	ARUV504DTE5 ARUV530DTE5 ARUV554DTE5 ARUV578DTE5 ARUV603DTE5	
UXB UXB UXB	ARUV626DTE5 ARUV650DTE5 ARUV674DTE5 ARUV698DTE5 ARUV723DTE5	
UXB UXB UXB UXA	ARUV747DTE5 ARUV771DTE5 ARUV795DTE5 ARUV819DTE5 ARUV844DTE5	
UXB UXB UXB UXB	ARUV867DTE5 ARUV891DTE5 ARUV915DTE5 ARUV939DTE5 ARUV964DTE5	

2. Combination of Outdoor Units

◆ 220V

RT	Model Name	Number of Units	Module(RT)							
			8	10	12	14	16	18	20	22
8	ARUV096BTE5	1	1							
10	ARUV121BTE5	1		1						
12	ARUV144BTE5	1			1					
14	ARUV168BTE5	1				1				
16	ARUV192BTE5	1					1			
18	ARUV216BTE5	1						1		
20	ARUV241BTE5	1							1	
22	ARUV264BTE5	1								1
24	ARUV288BTE5	2		1		1				
26	ARUV312BTE5	2		1			1			
28	ARUV336BTE5	2		1				1		
30	ARUV360BTE5	2		1					1	
32	ARUV384BTE5	2			1				1	
34	ARUV408BTE5	2				1			1	
36	ARUV432BTE5	2					1		1	
38	ARUV456BTE5	2						1	1	
40	ARUV480BTE5	2							2	
42	ARUV504BTE5	3		1	1				1	
44	ARUV530BTE5	3		1		1			1	
46	ARUV554BTE5	3		1			1		1	
48	ARUV578BTE5	3		1				1	1	
50	ARUV603BTE5	3		1					2	
52	ARUV626BTE5	3			1				2	
54	ARUV650BTE5	3				1			2	
56	ARUV674BTE5	3					1		2	
58	ARUV698BTE5	3						1	2	
60	ARUV723BTE5	3							3	
62	ARUV747BTE5	4		1	1				2	
64	ARUV771BTE5	4		1		1			2	
66	ARUV795BTE5	4		1			1		2	
68	ARUV819BTE5	4		1				1	2	
70	ARUV844BTE5	4		1					3	
72	ARUV867BTE5	4			1				3	
74	ARUV891BTE5	4				1			3	
76	ARUV915BTE5	4					1		3	
78	ARUV939BTE5	4						1	3	
80	ARUV964BTE5	4							4	

2. Combination of Outdoor Units

◆ 460V

RT	Model Name	Number of Units	Module(RT)							
			8	10	12	14	16	18	20	22
8	ARUV096DTE5	1	1							
10	ARUV121DTE5	1		1						
12	ARUV144DTE5	1			1					
14	ARUV168DTE5	1				1				
16	ARUV192DTE5	1					1			
18	ARUV216DTE5	1						1		
20	ARUV241DTE5	1							1	
22	ARUV264DTE5	1								1
24	ARUV288DTE5	2		1		1				
26	ARUV312DTE5	2		1			1			
28	ARUV336DTE5	2		1				1		
30	ARUV360DTE5	2		1					1	
32	ARUV384DTE5	2			1				1	
34	ARUV408DTE5	2				1			1	
36	ARUV432DTE5	2					1		1	
38	ARUV456DTE5	2						1	1	
40	ARUV480DTE5	2							2	
42	ARUV504DTE5	3		1	1				1	
44	ARUV530DTE5	3		1		1			1	
46	ARUV554DTE5	3		1			1		1	
48	ARUV578DTE5	3		1				1	1	
50	ARUV603DTE5	3		1					2	
52	ARUV626DTE5	3			1				2	
54	ARUV650DTE5	3				1			2	
56	ARUV674DTE5	3					1		2	
58	ARUV698DTE5	3						1	2	
60	ARUV723DTE5	3							3	
62	ARUV747DTE5	4		1	1				2	
64	ARUV771DTE5	4		1		1			2	
66	ARUV795DTE5	4		1			1		2	
68	ARUV819DTE5	4		1				1	2	
70	ARUV844DTE5	4		1					3	
72	ARUV867DTE5	4			1				3	
74	ARUV891DTE5	4				1			3	
76	ARUV915DTE5	4					1		3	
78	ARUV939DTE5	4						1	3	
80	ARUV964DTE5	4							4	

3. Nomenclature

Model Name	ARU	V	144	B	T	E	5
No.	1	2	3	4	5	6	7

No.	Signification
1	**Multi V System with Outdoor Unit using R410A** ARU : Global line-up
2	**Combination of Inverter Type and Cooling Only, Heat Pump or Heat Recovery** V : Inverter, Cooling Only
3	**Total Cooling capacity in Btu/h unit** EX) 144kBtu/h → '144', 96kBtu/h → '096'
4	**Electrical Ratings** B : 3Ø, 220-240 V, 50 Hz / 3Ø, 220V, 60 Hz D : 3Ø, 460 V, 60 Hz
5	**Air Discharge Type** T : Top Discharge
6	**Efficiency** 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 bigger 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.

■ Allowable Total Capacity Index Table of Combined Indoor Units

Outdoor Unit Capacity(RT)	Indoor Unit Combination Ratio										
	50%	60%	70%	80%	90%	100%	110%	120%	130%	160%	200%
8	14.1	16.9	19.7	22.5	25.3	28.1	30.9	33.7	36.5	45.0	56.2
10	17.6	21.1	24.6	28.2	31.7	35.2	38.7	42.2	45.8	56.3	70.4
12	21.1	25.3	29.5	33.8	38.0	42.2	46.4	50.6	54.9	67.5	84.4
14	24.6	29.5	34.4	39.4	44.3	49.2	54.1	59.0	64.0	78.7	98.4
16	28.2	33.8	39.4	45.0	50.7	56.3	61.9	67.6	73.2	90.1	112.6
18	31.7	38.0	44.3	50.6	57.0	63.3	69.6	76.0	82.3	101.3	126.6
20	35.2	42.2	49.2	56.2	63.3	70.3	77.3	84.4	91.4	112.5	140.6
22	38.7	46.4	54.2	61.9	69.7	77.4	85.1	92.9	100.6	123.8	154.8
24	42.2	50.6	59.1	67.5	76.0	84.4	92.8	101.3	109.7	135.0	-
26	45.7	54.8	64.0	73.1	82.3	91.4	100.5	109.7	118.8	146.2	-
28	49.3	59.1	69.0	78.8	88.7	98.5	108.4	118.2	128.1	157.6	-
30	52.8	63.3	73.9	84.4	95.0	105.5	116.1	126.6	137.2	168.8	-
32	56.3	67.5	78.8	90.0	101.3	112.5	123.8	135.0	146.3	180.0	-
34	59.8	71.8	83.7	95.7	107.6	119.6	131.6	143.5	155.5	191.4	-
36	63.3	76.0	88.6	101.3	113.9	126.6	139.3	151.9	164.6	202.6	-
38	66.8	80.2	93.5	106.9	120.2	133.6	147.0	160.3	173.7	213.8	-
40	70.4	84.4	98.5	112.6	126.6	140.7	154.8	168.8	182.9	225.1	-
42	73.9	88.6	103.4	118.2	132.9	147.7	162.5	177.2	192.0	-	-
44	77.4	92.8	108.3	123.8	139.2	154.7	170.2	185.6	201.1	-	-
46	80.9	97.1	113.3	129.4	145.6	161.8	178.0	194.2	210.3	-	-
48	84.4	101.3	118.2	135.0	151.9	168.8	185.7	202.6	219.4	-	-
50	87.9	105.5	123.1	140.6	158.2	175.8	193.4	211.0	228.5	-	-
52	91.5	109.7	128.0	146.3	164.6	182.9	201.2	219.5	237.8	-	-
54	95.0	113.9	132.9	151.9	170.9	189.9	208.9	227.9	246.9	-	-
56	98.5	118.1	137.8	157.5	177.2	196.9	216.6	236.3	256.0	-	-
58	102.0	122.4	142.8	163.2	183.6	204.0	224.4	244.8	265.2	-	-
60	105.5	126.6	147.7	168.8	189.9	211.0	232.1	253.2	274.3	-	-
62	109.0	130.8	152.6	174.4	196.2	218.0	239.8	261.6	283.4	-	-
64	112.6	135.1	157.6	180.1	202.6	225.1	247.6	270.1	292.6	-	-
66	116.1	139.3	162.5	185.7	208.9	232.1	255.3	278.5	301.7	-	-
68	119.6	143.5	167.4	191.3	215.2	239.1	263.0	286.9	310.8	-	-

4. Indoor Unit and Outdoor Unit Capacity Index

Outdoor Unit Capacity(RT)	Indoor Unit Combination Ratio										
	50%	60%	70%	80%	90%	100%	110%	120%	130%	160%	200%
70	123.1	147.7	172.3	197.0	221.6	246.2	270.8	295.4	320.1	-	-
72	126.6	151.9	177.2	202.6	227.9	253.2	278.5	303.8	329.2	-	-
74	130.1	156.1	182.1	208.2	234.2	260.2	286.2	312.2	338.3	-	-
76	133.7	160.4	187.1	213.8	240.6	267.3	294.0	320.8	347.5	-	-
78	137.2	164.6	192.0	219.4	246.9	274.3	301.7	329.2	356.6	-	-
80	140.7	168.8	196.9	225.0	253.2	281.3	309.4	337.6	365.7	-	-

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

■ 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).

⚠ CAUTION

◆ Combination Ratio(50~200%)

Number of Outdoor units	Combination Ratio
Single Unit	200%
Two Units combination	160%
Three or more Units combination	130%

Notes:

1. **We can guarantee the operation only within 130% Combination Ratio.**
   If you want to connect more than 130% combination Ratio, please contact us and discuss the requirement.
2. **In case that operating indoor units ratio to rated capacity of outdoor unit is more than 130%, the airflow should be operated as low step in the all indoor units.**

MULTI V™ 5

Cooling Only

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

1.1 220V

RT			8	10
Model Name	**Combination Unit**		**ARUV096BTE5**	**ARUV121BTE5**
	Independent Unit		**ARUV096BTE5**	**ARUV121BTE5**
Capacity	Cooling (Norminal)	Btu/h	96,000	120,000
		kW	28.1	35.2
	Cooling (Rated)	Btu/h	92,000	114,000
		kW	27.0	33.4
Input	Cooling (Norminal)	kW	5.90	8.51
	Cooling (Rated)	kW	5.49	7.86
EER (Norminal)			4.76	4.14
EER (Rated)			4.92	4.25
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
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 x Number	W x No.	5,300 × 1	5,300 × 1
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	9.52(3/8)	12.7(1/2)
	Gas	mm(inch)	22.2(7/8)	28.58(1-1/8)
Dimensions(W x H x 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
Net Weight		kg	200 × 1	200 × 1
		lbs	441 × 1	441 × 1
Sound Pressure Level (Cooling)		dB(A)	58.0	59.0
Sound Power Level (Cooling)		dB(A)	78.0	79.0
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	10.0	10.0
		lbs	22.0	22.0
	Control		Electronic Expansion Valve	Electronic Expansion Valve

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			8	10
Model Name	Combination Unit		ARUV096BTE5	ARUV121BTE5
	Independent Unit		ARUV096BTE5	ARUV121BTE5
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum connectable indoor units			16(25)	20(30)

Note

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3. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			12	14
Model Name	**Combination Unit**		**ARUV144BTE5**	**ARUV168BTE5**
	Independent Unit		**ARUV144BTE5**	**ARUV168BTE5**
Capacity	Cooling (Norminal)	Btu/h	144,000	168,000
		kW	42.2	49.2
	Cooling (Rated)	Btu/h	138,000	160,000
		kW	40.4	46.9
Input	Cooling (Norminal)	kW	10.32	12.39
	Cooling (Rated)	kW	9.65	10.20
EER (Norminal)			4.09	3.97
EER (Rated)			4.19	4.60
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
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 x Number	W x No.	5,300 × 1	5,300 × 1
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	12.7(1/2)	15.88(5/8)
	Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Dimensions(W x H x 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
Net Weight		kg	220 × 1	263 × 1
		lbs	485 × 1	580 × 1
Sound Pressure Level (Cooling)		dB(A)	60.0	60.5
Sound Power Level (Cooling)		dB(A)	82.0	83.0
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	13.0	13.0
		lbs	28.7	28.7
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum connectable indoor units			23(35)	26(40)

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			16	18
Model Name	**Combination Unit**		**ARUV192BTE5**	**ARUV216BTE5**
	Independent Unit		**ARUV192BTE5**	**ARUV216BTE5**
Capacity	Cooling (Norminal)	Btu/h	192,000	216,000
		kW	56.3	63.3
	Cooling (Rated)	Btu/h	184,000	206,000
		kW	53.9	60.4
Input	Cooling (Norminal)	kW	13.91	15.54
	Cooling (Rated)	kW	11.85	14.55
EER (Norminal)			4.05	4.07
EER (Rated)			4.55	4.15
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
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 x Number	W x No.	5,300 × 2	5,300 × 2
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	15.88(5/8)	15.88(5/8)
	Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Dimensions(W x H x 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
Net Weight		kg	278 × 1	278 × 1
		lbs	613 × 1	613 × 1
Sound Pressure Level (Cooling)		dB(A)	62.0	64.5
Sound Power Level (Cooling)		dB(A)	86.0	86.0
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	14.0	14.0
		lbs	30.9	30.9
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum connectable indoor units			29(45)	32(50)

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			20	22
Model Name	**Combination Unit**		**ARUV241BTE5**	**ARUV264BTE5**
	Independent Unit		**ARUV241BTE5**	**ARUV264BTE5**
Capacity	Cooling (Norminal)	Btu/h	240,000	264,000
		kW	70.3	77.4
	Cooling (Rated)	Btu/h	222,000	252,000
		kW	65.1	73.9
Input	Cooling (Norminal)	kW	19.20	22.24
	Cooling (Rated)	kW	17.40	20.80
EER (Norminal)			3.66	3.48
EER (Rated)			3.74	3.55
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
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 x Number	W x No.	5,300 × 2	5,300 × 2
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	15.88(5/8)	19.05(3/4)
	Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Dimensions(W x H x 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
Net Weight		kg	280 × 1	280 × 1
		lbs	617 × 1	617 × 1
Sound Pressure Level (Cooling)		dB(A)	65.0	65.0
Sound Power Level (Cooling)		dB(A)	88.0	88.0
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	16.0	16.0
		lbs	35.3	35.3
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum connectable indoor units			35(44)	39(48)

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			24	26
Model Name	**Combination Unit**		**ARUV288BTE5**	**ARUV312BTE5**
	Independent Unit		**ARUV168BTE5**	**ARUV192BTE5**
			ARUV121BTE5	**ARUV121BTE5**
Capacity	Cooling (Norminal)	Btu/h	288,000	312,000
		kW	84.4	91.5
	Cooling (Rated)	Btu/h	274,000	298,000
		kW	80.3	87.3
Input	Cooling (Norminal)	kW	20.90	22.42
	Cooling (Rated)	kW	18.06	19.71
EER (Norminal)			4.04	4.08
EER (Rated)			4.45	4.43
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
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 × 3
	Number of Revolution	rev/min	3,600 × 3	3,600 × 3
	Motor Output x Number	W x No.	(5,300 × 2) + (4,200 × 1)	5,300 × 3
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Dimensions(W x H x 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
Net Weight		kg	(263 × 1) + (200 × 1)	(278 × 1) + (200 × 1)
		lbs	(580 × 1) + (441 × 1)	(613 × 1) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	62.8	63.8
Sound Power Level (Cooling)		dB(A)	84.5	86.8
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	23.0	24.0
		lbs	50.7	52.9
	Control		Electronic Expansion Valve	Electronic Expansion Valve

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			24	26
Model Name	**Combination Unit**		**ARUV288BTE5**	**ARUV312BTE5**
	Independent Unit		**ARUV168BTE5**	**ARUV192BTE5**
			ARUV121BTE5	**ARUV121BTE5**
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum connectable indoor units			42(52)	45(56)

Note

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3. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			28	30
Model Name	Combination Unit		ARUV336BTE5	ARUV360BTE5
	Independent Unit		ARUV216BTE5	ARUV241BTE5
			ARUV121BTE5	ARUV121BTE5
Capacity	Cooling (Norminal)	Btu/h	336,000	360,000
		kW	98.5	105.5
	Cooling (Rated)	Btu/h	320,000	336,000
		kW	93.8	98.5
Input	Cooling (Norminal)	kW	24.05	27.71
	Cooling (Rated)	kW	22.41	25.26
EER (Norminal)			4.09	3.81
EER (Rated)			4.19	3.90
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 3	62.1 × 3
	Number of Revolution	rev/min	3,600 × 3	3,600 × 3
	Motor Output x Number	W x No.	5,300 × 3	5,300 × 3
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	34.9(1-3/8)	41.3(1-5/8)
Dimensions(W x H x 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
Net Weight		kg	(278 × 1) + (200 × 1)	(280 × 1) + (200 × 1)
		lbs	(613 × 1) + (441 × 1)	(617 × 1) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	65.6	66.0
Sound Power Level (Cooling)		dB(A)	86.8	88.5
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	24.0	26.0
		lbs	52.9	57.3
	Control		Electronic Expansion Valve	Electronic Expansion Valve

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			28	30
Model Name	**Combination Unit**		**ARUV336BTE5**	**ARUV360BTE5**
	Independent Unit		**ARUV216BTE5**	**ARUV241BTE5**
			ARUV121BTE5	**ARUV121BTE5**
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum connectable indoor units			49(60)	52(64)

Note

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3. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			32	34
Model Name	**Combination Unit**		**ARUV384BTE5**	**ARUV408BTE5**
	Independent Unit		**ARUV241BTE5**	**ARUV241BTE5**
			ARUV144BTE5	**ARUV168BTE5**
Capacity	Cooling (Norminal)	Btu/h	384,000	408,000
		kW	112.5	119.5
	Cooling (Rated)	Btu/h	360,000	382,000
		kW	105.5	112.0
Input	Cooling (Norminal)	kW	29.52	31.59
	Cooling (Rated)	kW	27.05	27.60
EER (Norminal)			3.81	3.79
EER (Rated)			3.90	4.06
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 3	(62.1 × 3) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 3	3,600 × 4
	Motor Output x Number	W x No.	5,300 × 3	(5,300 × 3) + (4,200 × 1)
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2	(1,240 × 1,690 × 760) × 2
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2	(48-13/16 × 66-17/32 × 29-29/32) × 2
Net Weight		kg	(280 × 1) + (220 × 1)	(280 × 1) + (263 × 1)
		lbs	(617 × 1) + (485 × 1)	(617 × 1) + (580 × 1)
Sound Pressure Level (Cooling)		dB(A)	66.2	66.3
Sound Power Level (Cooling)		dB(A)	89.0	89.2
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	29.0	29.0
		lbs	63.9	63.9
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum connectable indoor units			55(64)	58(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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			36	38
Model Name	Combination Unit		ARUV432BTE5	ARUV456BTE5
	Independent Unit		ARUV241BTE5	ARUV241BTE5
			ARUV192BTE5	ARUV216BTE5
Capacity	Cooling (Norminal)	Btu/h	432,000	456,000
		kW	126.6	133.6
	Cooling (Rated)	Btu/h	406,000	428,000
		kW	119.0	125.5
Input	Cooling (Norminal)	kW	33.11	34.74
	Cooling (Rated)	kW	29.25	31.95
EER (Norminal)			3.82	3.85
EER (Rated)			4.07	3.93
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 4	62.1 × 4
	Number of Revolution	rev/min	3,600 × 4	3,600 × 4
	Motor Output x Number	W x No.	5,300 × 4	5,300 × 4
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2	(1,240 × 1,690 × 760) × 2
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2	(48-13/16 × 66-17/32 × 29-29/32) × 2
Net Weight		kg	(280 × 1) + (278 × 1)	(280 × 1) + (278 × 1)
		lbs	(617 × 1) + (613 × 1)	(617 × 1) + (613 × 1)
Sound Pressure Level (Cooling)		dB(A)	66.8	67.8
Sound Power Level (Cooling)		dB(A)	90.1	90.1
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	30.0	30.0
		lbs	66.1	66.1
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum connectable indoor units			61(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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			40	42
Model Name	Combination Unit		ARUV480BTE5	ARUV504BTE5
	Independent Unit		ARUV241BTE5	ARUV241BTE5
			ARUV241BTE5	ARUV144BTE5
				ARUV121BTE5
Capacity	Cooling (Norminal)	Btu/h	480,000	504,000
		kW	140.6	147.7
	Cooling (Rated)	Btu/h	444,000	474,000
		kW	130.2	138.9
Input	Cooling (Norminal)	kW	38.40	38.03
	Cooling (Rated)	kW	34.80	34.91
EER (Norminal)			3.66	3.88
EER (Rated)			3.74	3.98
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 4	62.1 × 4
	Number of Revolution	rev/min	3,600 × 4	3,600 × 4
	Motor Output x Number	W x No.	5,300 × 4	5,300 × 4
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 4	(900 × 4) + (1,200 × 1)
	Air Flow Rate(High)	m^3/min	320 × 2	(320 × 2) + (240 × 1)
		ft^3/min	11,301 × 2	(11,301 × 2) + (8,476 × 1)
	Drive		DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	280 × 2	(280 × 1) + (220 × 1) + (200 × 1)
		lbs	617 × 2	(617 × 1) + (485 × 1) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	68.0	67.0
Sound Power Level (Cooling)		dB(A)	91.0	89.4
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	32.0	39.0
		lbs	70.5	86.0
	Control		Electronic Expansion Valve	Electronic Expansion Valve

Note

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3. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			40	42
Model Name	**Combination Unit**		**ARUV480BTE5**	**ARUV504BTE5**
	Independent Unit		**ARUV241BTE5**	**ARUV241BTE5**
			ARUV241BTE5	**ARUV144BTE5**
				ARUV121BTE5
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			44	46
Model Name	Combination Unit		ARUV530BTE5	ARUV554BTE5
	Independent Unit		ARUV241BTE5	ARUV241BTE5
			ARUV168BTE5	ARUV192BTE5
			ARUV121BTE5	ARUV121BTE5
Capacity	Cooling (Norminal)	Btu/h	528,000	552,000
		kW	154.7	161.8
	Cooling (Rated)	Btu/h	496,000	520,000
		kW	145.4	152.4
Input	Cooling (Norminal)	kW	40.10	41.62
	Cooling (Rated)	kW	35.46	37.11
EER (Norminal)			3.86	3.89
EER (Rated)			4.10	4.11
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
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 × 1)	62.1 × 5
	Number of Revolution	rev/min	3,600 × 5	3,600 × 5
	Motor Output x Number	W x No.	(5,300 × 4) + (4,200 × 1)	5,300 × 5
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(280 × 1) + (263 × 1) + (200 × 1)	(280 × 1) + (278 × 1) + (200 × 1)
		lbs	(617 × 1) + (580 × 1) + (441 × 1)	(617 × 1) + (613 × 1) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	67.1	67.4
Sound Power Level (Cooling)		dB(A)	89.6	90.4
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	39.0	40.0
		lbs	86.0	88.2
	Control		Electronic Expansion Valve	Electronic Expansion Valve

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			44	46
Model Name	**Combination Unit**		**ARUV530BTE5**	**ARUV554BTE5**
	Independent Unit		**ARUV241BTE5**	**ARUV241BTE5**
			ARUV168BTE5	**ARUV192BTE5**
			ARUV121BTE5	**ARUV121BTE5**
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum connectable indoor units			64	64

Note

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3. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			48	50
Model Name	Combination Unit		ARUV578BTE5	ARUV603BTE5
	Independent Unit		ARUV241BTE5	ARUV241BTE5
			ARUV216BTE5	ARUV241BTE5
			ARUV121BTE5	ARUV121BTE5
Capacity	Cooling (Norminal)	Btu/h	576,000	600,000
		kW	168.8	175.8
	Cooling (Rated)	Btu/h	542,000	558,000
		kW	158.9	163.6
Input	Cooling (Norminal)	kW	43.25	46.91
	Cooling (Rated)	kW	39.81	42.66
EER (Norminal)			3.90	3.75
EER (Rated)			3.99	3.83
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 5	62.1 × 5
	Number of Revolution	rev/min	3,600 × 5	3,600 × 5
	Motor Output x Number	W x No.	5,300 × 5	5,300 × 5
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	22.2(7/8)
	Gas	mm(inch)	41.3(1-5/8)	44.5(1-3/4)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(280 × 1) + (278 × 1) + (200 × 1)	(280 × 2) + (200 × 1)
		lbs	(617 × 1) + (613 × 1) + (441 × 1)	(617 × 2) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	68.3	68.5
Sound Power Level (Cooling)		dB(A)	90.4	91.3
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	40.0	42.0
		lbs	88.2	92.6
	Control		Electronic Expansion Valve	Electronic Expansion Valve

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			48	50
Model Name	**Combination Unit**		**ARUV578BTE5**	**ARUV603BTE5**
	Independent Unit		**ARUV241BTE5**	**ARUV241BTE5**
			ARUV216BTE5	**ARUV241BTE5**
			ARUV121BTE5	**ARUV121BTE5**
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			52	54
Model Name	**Combination Unit**		**ARUV626BTE5**	**ARUV650BTE5**
	Independent Unit		**ARUV241BTE5**	**ARUV241BTE5**
			ARUV241BTE5	**ARUV241BTE5**
			ARUV144BTE5	**ARUV168BTE5**
Capacity	Cooling (Norminal)	Btu/h	624,000	648,000
		kW	182.8	189.8
	Cooling (Rated)	Btu/h	582,000	604,000
		kW	170.6	177.1
Input	Cooling (Norminal)	kW	48.72	50.79
	Cooling (Rated)	kW	44.45	45.00
EER (Norminal)			3.75	3.74
EER (Rated)			3.84	3.93
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 5	(62.1 × 5) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 5	3,600 × 6
	Motor Output x Number	W x No.	5,300 × 5	(5,300 × 5) + (4,200 × 1)
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	44.5(1-3/4)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3	(1,240 × 1,690 × 760) × 3
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3	(48-13/16 × 66-17/32 × 29-29/32) × 3
Net Weight		kg	(280 × 2) + (220 × 1)	(280 × 2) + (263 × 1)
		lbs	(617 × 2) + (485 × 1)	(617 × 2) + (580 × 1)
Sound Pressure Level (Cooling)		dB(A)	68.6	68.7
Sound Power Level (Cooling)		dB(A)	91.5	91.6
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	45.0	45.0
		lbs	99.2	99.2
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			56	58
Model Name	Combination Unit		ARUV674BTE5	ARUV698BTE5
	Independent Unit		ARUV241BTE5	ARUV241BTE5
			ARUV241BTE5	ARUV241BTE5
			ARUV192BTE5	ARUV216BTE5
Capacity	Cooling (Norminal)	Btu/h	672,000	696,000
		kW	196.9	203.9
	Cooling (Rated)	Btu/h	628,000	650,000
		kW	184.1	190.6
Input	Cooling (Norminal)	kW	52.31	53.94
	Cooling (Rated)	kW	46.65	49.35
EER (Norminal)			3.76	3.78
EER (Rated)			3.95	3.86
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 6	62.1 × 6
	Number of Revolution	rev/min	3,600 × 6	3,600 × 6
	Motor Output x Number	W x No.	5,300 × 6	5,300 × 6
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3	(1,240 × 1,690 × 760) × 3
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3	(48-13/16 × 66-17/32 × 29-29/32) × 3
Net Weight		kg	(280 × 2) + (278 × 1)	(280 × 2) + (278 × 1)
		lbs	(617 × 2) + (613 × 1)	(617 × 2) + (613 × 1)
Sound Pressure Level (Cooling)		dB(A)	69.0	69.6
Sound Power Level (Cooling)		dB(A)	92.2	92.2
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	46.0	46.0
		lbs	101.4	101.4
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			60	62
Model Name	Combination Unit		ARUV723BTE5	ARUV747BTE5
	Independent Unit		ARUV241BTE5	ARUV241BTE5
			ARUV241BTE5	ARUV241BTE5
			ARUV241BTE5	ARUV144BTE5
				ARUV121BTE5
Capacity	Cooling (Norminal)	Btu/h	720,000	744,000
		kW	210.9	218.0
	Cooling (Rated)	Btu/h	666,000	696,000
		kW	195.3	204.0
Input	Cooling (Norminal)	kW	57.60	57.23
	Cooling (Rated)	kW	52.20	52.31
EER (Norminal)			3.66	3.81
EER (Rated)			3.74	3.90
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 6	62.1 × 6
	Number of Revolution	rev/min	3,600 × 6	3,600 × 6
	Motor Output x Number	W x No.	5,300 × 6	5,300 × 6
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 6	(900 × 6) + (1,200 × 1)
	Air Flow Rate(High)	m^3/min	320 × 3	(320 × 3) + (240 × 1)
		ft^3/min	11,301 × 3	(11,301 × 3) + (8,476 × 1)
	Drive		DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	280 × 3	(280 × 2) + (220 × 1) + (200 × 1)
		lbs	617 × 3	(617 × 2) + (485 × 1) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	69.8	69.1
Sound Power Level (Cooling)		dB(A)	92.8	91.8
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	48.0	55.0
		lbs	105.8	121.3
	Control		Electronic Expansion Valve	Electronic Expansion Valve

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			60	62
Model Name	**Combination Unit**		**ARUV723BTE5**	**ARUV747BTE5**
	Independent Unit		**ARUV241BTE5**	**ARUV241BTE5**
			ARUV241BTE5	**ARUV241BTE5**
			ARUV241BTE5	**ARUV144BTE5**
				ARUV121BTE5
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			64	66
Model Name	Combination Unit		ARUV771BTE5	ARUV795BTE5
	Independent Unit		ARUV241BTE5	ARUV241BTE5
			ARUV241BTE5	ARUV241BTE5
			ARUV168BTE5	ARUV192BTE5
			ARUV121BTE5	ARUV121BTE5
Capacity	Cooling (Norminal)	Btu/h	768,000	792,000
		kW	225.0	232.1
	Cooling (Rated)	Btu/h	718,000	742,000
		kW	210.5	217.5
Input	Cooling (Norminal)	kW	59.30	60.82
	Cooling (Rated)	kW	52.86	54.51
EER (Norminal)			3.79	3.82
EER (Rated)			3.98	3.99
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 6) + (43.8 × 1)	62.1 × 7
	Number of Revolution	rev/min	3,600 × 7	3,600 × 7
	Motor Output x Number	W x No.	(5,300 × 6) + (4,200 × 1)	5,300 × 7
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(280 × 2) + (263 × 1) + (200 × 1)	(280 × 2) + (278 × 1) + (200 × 1)
		lbs	(617 × 2) + (580 × 1) + (441 × 1)	(617 × 2) + (613 × 1) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	69.2	69.4
Sound Power Level (Cooling)		dB(A)	91.9	92.4
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	55.0	56.0
		lbs	121.3	123.5
	Control		Electronic Expansion Valve	Electronic Expansion Valve

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			64	66
Model Name	**Combination Unit**		**ARUV771BTE5**	**ARUV795BTE5**
	Independent Unit		**ARUV241BTE5**	**ARUV241BTE5**
			ARUV241BTE5	**ARUV241BTE5**
			ARUV168BTE5	**ARUV192BTE5**
			ARUV121BTE5	**ARUV121BTE5**
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			68	70
Model Name	**Combination Unit**		**ARUV819BTE5**	**ARUV844BTE5**
	Independent Unit		**ARUV241BTE5**	**ARUV241BTE5**
			ARUV241BTE5	**ARUV241BTE5**
			ARUV216BTE5	**ARUV241BTE5**
			ARUV121BTE5	**ARUV121BTE5**
Capacity	Cooling (Norminal)	Btu/h	816,000	840,000
		kW	239.1	246.1
	Cooling (Rated)	Btu/h	764,000	780,000
		kW	224.0	228.7
Input	Cooling (Norminal)	kW	62.45	66.11
	Cooling (Rated)	kW	57.21	60.06
EER (Norminal)			3.83	3.72
EER (Rated)			3.91	3.81
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 7	62.1 × 7
	Number of Revolution	rev/min	3,600 × 7	3,600 × 7
	Motor Output x Number	W x No.	5,300 × 7	5,300 × 7
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(280 × 2) + (278 × 1) + (200 × 1)	(280 × 3) + (200 × 1)
		lbs	(617 × 2) + (613 × 1) + (441 × 1)	(617 × 3) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	70.0	70.1
Sound Power Level (Cooling)		dB(A)	92.4	92.9
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	56.0	58.0
		lbs	123.5	127.9
	Control		Electronic Expansion Valve	Electronic Expansion Valve

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			68	70
Model Name	**Combination Unit**		**ARUV819BTE5**	**ARUV844BTE5**
	Independent Unit		**ARUV241BTE5**	**ARUV241BTE5**
			ARUV241BTE5	**ARUV241BTE5**
			ARUV216BTE5	**ARUV241BTE5**
			ARUV121BTE5	**ARUV121BTE5**
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			72	74
Model Name	**Combination Unit**		**ARUV867BTE5**	**ARUV891BTE5**
	Independent Unit		**ARUV241BTE5**	**ARUV241BTE5**
			ARUV241BTE5	**ARUV241BTE5**
			ARUV241BTE5	**ARUV241BTE5**
			ARUV144BTE5	**ARUV168BTE5**
Capacity	Cooling (Norminal)	Btu/h	864,000	888,000
		kW	253.1	260.1
	Cooling (Rated)	Btu/h	804,000	826,000
		kW	235.7	242.2
Input	Cooling (Norminal)	kW	67.92	69.99
	Cooling (Rated)	kW	61.85	62.40
EER (Norminal)			3.73	3.72
EER (Rated)			3.81	3.88
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 7	(62.1 × 7) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 7	3,600 × 8
	Motor Output x Number	W x No.	5,300 × 7	(5,300 × 7) + (4,200 × 1)
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 ×1,690 × 760) × 4	(1,240 ×1,690 × 760) × 4
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 4	(48-13/16 × 66-17/32 × 29-29/32) × 4
Net Weight		kg	(280 × 3) + (220 × 1)	(280 × 3) + (263 × 1)
		lbs	(617 × 3) + (485 × 1)	(617 × 3) + (580 × 1)
Sound Pressure Level (Cooling)		dB(A)	70.2	70.3
Sound Power Level (Cooling)		dB(A)	93.1	93.2
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	61.0	61.0
		lbs	134.5	134.5
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			76	78
Model Name	**Combination Unit**		**ARUV915BTE5**	**ARUV939BTE5**
	Independent Unit		**ARUV241BTE5**	**ARUV241BTE5**
			ARUV241BTE5	**ARUV241BTE5**
			ARUV241BTE5	**ARUV241BTE5**
			ARUV192BTE5	**ARUV216BTE5**
Capacity	Cooling (Norminal)	Btu/h	912,000	936,000
		kW	267.2	274.2
	Cooling (Rated)	Btu/h	850,000	872,000
		kW	249.2	255.7
Input	Cooling (Norminal)	kW	71.51	73.14
	Cooling (Rated)	kW	64.05	66.75
EER (Norminal)			3.74	3.75
EER (Rated)			3.89	3.83
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 8	62.1 × 8
	Number of Revolution	rev/min	3,600 × 8	3,600 × 8
	Motor Output x Number	W x No.	5,300 × 8	5,300 × 8
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 ×1,690 × 760) × 4	(1,240 ×1,690 × 760) × 4
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 4	(48-13/16 × 66-17/32 × 29-29/32) × 4
Net Weight		kg	(280 × 3) + (278 × 1)	(280 × 3) + (278 × 1)
		lbs	(617 × 3) + (613 × 1)	(617 × 3) + (613 × 1)
Sound Pressure Level (Cooling)		dB(A)	70.4	70.9
Sound Power Level (Cooling)		dB(A)	93.6	93.6
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	62.0	62.0
		lbs	136.7	136.7
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			80
Model Name	**Combination Unit**		**ARUV964BTE5**
	Independent Unit		**ARUV241BTE5**
			ARUV241BTE5
			ARUV241BTE5
			ARUV241BTE5
Capacity	Cooling (Norminal)	Btu/h	960,000
		kW	281.2
	Cooling (Rated)	Btu/h	888,000
		kW	260.4
Input	Cooling (Norminal)	kW	76.80
	Cooling (Rated)	kW	69.60
EER (Norminal)			3.66
EER (Rated)			3.74
Power Factor	Rated	-	0.93
Exterior	Color		Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K
Heat Exchanger			Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 8
	Number of Revolution	rev/min	3,600 × 8
	Motor Output x Number	W x No.	5,300 × 8
	Starting Method		Direct On Line
	Oil Type		FVC68D(PVE)
Fan	Type		Propeller fan
	Motor Output x Number	W	900 × 8
	Air Flow Rate(High)	m^3/min	320 × 4
		ft^3/min	11,301 × 4
	Drive		DC INVERTER
	Discharge	Side / Top	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 ×1,690 × 760) × 4
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 4
Net Weight		kg	280 × 4
		lbs	617 × 4
Sound Pressure Level (Cooling)		dB(A)	71.0
Sound Power Level (Cooling)		dB(A)	94.0
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A
	Precharged Amount	kg	64.0
		lbs	141.1
	Control		Electronic Expansion Valve
Power Supply		V, Ø, Hz	220-240, 3, 50
			220, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

1.2 460V

RT			8	10
Model Name	Combination Unit		ARUV096DTE5	ARUV121DTE5
	Independent Unit		ARUV096DTE5	ARUV121DTE5
Capacity	Cooling (Norminal)	Btu/h	96,000	120,000
		kW	28.1	35.2
	Cooling (Rated)	Btu/h	92,000	114,000
		kW	27.0	33.4
Input	Cooling (Norminal)	kW	5.90	8.51
	Cooling (Rated)	kW	5.49	7.86
EER (Norminal)			4.76	4.14
EER (Rated)			4.92	4.25
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
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 x Number	W x No.	5,300 × 1	5,300 × 1
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	9.52(3/8)	12.7(1/2)
	Gas	mm(inch)	22.2(7/8)	28.58(1-1/8)
Dimensions(W x H x 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
Net Weight		kg	200 × 1	200 × 1
		lbs	441 × 1	441 × 1
Sound Pressure Level (Cooling)		dB(A)	58.0	59.0
Sound Power Level (Cooling)		dB(A)	78.0	79.0
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	10.0	10.0
		lbs	22.0	22.0
	Control		Electronic Expansion Valve	Electronic Expansion Valve

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			8	10
Model Name	Combination Unit		ARUV096DTE5	ARUV121DTE5
	Independent Unit		ARUV096DTE5	ARUV121DTE5
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum connectable indoor units			16(25)	20(30)

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			12	14
Model Name	Combination Unit		ARUV144DTE5	ARUV168DTE5
	Independent Unit		ARUV144DTE5	ARUV168DTE5
Capacity	Cooling (Norminal)	Btu/h	144,000	120,000
		kW	42.2	35.2
	Cooling (Rated)	Btu/h	138,000	114,000
		kW	40.4	33.4
Input	Cooling (Norminal)	kW	10.32	12.39
	Cooling (Rated)	kW	9.65	10.20
EER (Norminal)			4.09	3.97
EER (Rated)			4.19	4.60
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
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 x Number	W x No.	5,300 × 1	5,300 × 1
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	12.7(1/2)	15.88(5/8)
	Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Dimensions(W x H x 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
Net Weight		kg	222 × 1	266 × 1
		lbs	489 × 1	586 × 1
Sound Pressure Level (Cooling)		dB(A)	60.0	60.5
Sound Power Level (Cooling)		dB(A)	82.0	83.0
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	13.0	13.0
		lbs	28.7	28.7
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum connectable indoor units			23(35)	26(40)

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			16	18
Model Name	Combination Unit		ARUV192DTE5	ARUV216DTE5
	Independent Unit		ARUV192DTE5	ARUV216DTE5
Capacity	Cooling (Norminal)	Btu/h	192,000	216,000
		kW	56.3	63.3
	Cooling (Rated)	Btu/h	184,000	206,000
		kW	53.9	60.4
Input	Cooling (Norminal)	kW	13.91	15.54
	Cooling (Rated)	kW	11.85	14.55
EER (Norminal)			4.05	4.07
EER (Rated)			4.55	4.15
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
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 x Number	W x No.	5,300 × 2	5,300 × 2
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	15.88(5/8)	15.88(5/8)
	Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Dimensions(W x H x 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
Net Weight		kg	284 × 1	284 × 1
		lbs	626 × 1	626 × 1
Sound Pressure Level (Cooling)		dB(A)	62.0	64.5
Sound Power Level (Cooling)		dB(A)	86.0	86.0
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	14.0	14.0
		lbs	30.9	30.9
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum connectable indoor units			29(45)	32(50)

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			20	22
Model Name	Combination Unit		ARUV241DTE5	ARUV264DTE5
	Independent Unit		ARUV241DTE5	ARUV264DTE5
Capacity	Cooling (Norminal)	Btu/h	240,000	264,000
		kW	70.3	77.4
	Cooling (Rated)	Btu/h	222,000	252,000
		kW	65.1	73.9
Input	Cooling (Norminal)	kW	19.20	22.24
	Cooling (Rated)	kW	17.40	20.80
EER (Norminal)			3.66	3.48
EER (Rated)			3.74	3.55
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
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 x Number	W x No.	5,300 × 2	5,300 × 2
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	15.88(5/8)	19.05(3/4)
	Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Dimensions(W x H x 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
Net Weight		kg	286 × 1	286 × 1
		lbs	630 × 1	630 × 1
Sound Pressure Level (Cooling)		dB(A)	65.0	65.0
Sound Power Level (Cooling)		dB(A)	88.0	88.0
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	16.0	16.0
		lbs	35.3	35.3
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum connectable indoor units			35(44)	39(48)

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			24	26
Model Name	**Combination Unit**		**ARUV288DTE5**	**ARUV312DTE5**
	Independent Unit		**ARUV168DTE5**	**ARUV192DTE5**
			ARUV121DTE5	**ARUV121DTE5**
Capacity	Cooling (Norminal)	Btu/h	288,000	312,000
		kW	84.4	91.5
	Cooling (Rated)	Btu/h	274,000	298,000
		kW	80.3	87.3
Input	Cooling (Norminal)	kW	20.90	22.42
	Cooling (Rated)	kW	18.06	19.71
EER (Norminal)			4.04	4.08
EER (Rated)			4.45	4.43
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
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 × 3
	Number of Revolution	rev/min	3,600 × 3	3,600 × 3
	Motor Output x Number	W x No.	(5,300 × 2) + (4,200 × 1)	5,300 × 3
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Dimensions(W x H x 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
Net Weight		kg	(266 × 1) + (200 × 1)	(284 × 1) + (200 × 1)
		lbs	(586 × 1) + (441 × 1)	(626 × 1) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	62.8	63.8
Sound Power Level (Cooling)		dB(A)	84.5	86.8
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	23.0	24.0
		lbs	50.7	52.9
	Control		Electronic Expansion Valve	Electronic Expansion Valve

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			24	26
Model Name	**Combination Unit**		**ARUV288DTE5**	**ARUV312DTE5**
	Independent Unit		**ARUV168DTE5**	**ARUV192DTE5**
			ARUV121DTE5	**ARUV121DTE5**
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum connectable indoor units			42(52)	45(56)

Note

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3. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			28	30
Model Name	**Combination Unit**		**ARUV336DTE5**	**ARUV360DTE5**
	Independent Unit		**ARUV216DTE5**	**ARUV241DTE5**
			ARUV121DTE5	**ARUV121DTE5**
Capacity	Cooling (Norminal)	Btu/h	336,000	360,000
		kW	98.5	105.5
	Cooling (Rated)	Btu/h	320,000	336,000
		kW	93.8	98.5
Input	Cooling (Norminal)	kW	24.05	27.71
	Cooling (Rated)	kW	22.41	25.26
EER (Norminal)			4.09	3.81
EER (Rated)			4.19	3.90
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 3	62.1 × 3
	Number of Revolution	rev/min	3,600 × 3	3,600 × 3
	Motor Output x Number	W x No.	5,300 × 3	5,300 × 3
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	34.9(1-3/8)	41.3(1-5/8)
Dimensions(W x H x 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
Net Weight		kg	(284 × 1) + (200 × 1)	(286 × 1) + (200 × 1)
		lbs	(626 × 1) + (441 × 1)	(630 × 1) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	65.6	66.0
Sound Power Level (Cooling)		dB(A)	86.8	88.5
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	24.0	26.0
		lbs	52.9	57.3
	Control		Electronic Expansion Valve	Electronic Expansion Valve

Note

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3. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			28	30
Model Name	**Combination Unit**		**ARUV336DTE5**	**ARUV360DTE5**
	Independent Unit		**ARUV216DTE5**	**ARUV241DTE5**
			ARUV121DTE5	**ARUV121DTE5**
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum connectable indoor units			49(60)	52(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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			32	34
Model Name	**Combination Unit**		**ARUV384DTE5**	**ARUV408DTE5**
	Independent Unit		**ARUV241DTE5**	**ARUV241DTE5**
			ARUV144DTE5	**ARUV168DTE5**
Capacity	Cooling (Norminal)	Btu/h	384,000	408,000
		kW	112.5	119.5
	Cooling (Rated)	Btu/h	360,000	382,000
		kW	105.5	112.0
Input	Cooling (Norminal)	kW	29.52	31.59
	Cooling (Rated)	kW	27.05	27.60
EER (Norminal)			3.81	3.78
EER (Rated)			3.90	4.06
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 3	(62.1 × 3) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 3	3,600 × 4
	Motor Output x Number	W x No.	5,300 × 3	(5,300 × 3) + (4,200 × 1)
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2	(1,240 × 1,690 × 760) × 2
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2	(48-13/16 × 66-17/32 × 29-29/32) × 2
Net Weight		kg	(286 × 1) + (222 × 1)	(286 × 1) + (266 × 1)
		lbs	(630 × 1) + (489 × 1)	(630 × 1) + (586 × 1)
Sound Pressure Level (Cooling)		dB(A)	66.2	66.3
Sound Power Level (Cooling)		dB(A)	89.0	89.2
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	29.0	29.0
		lbs	63.9	63.9
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum connectable indoor units			55(64)	58(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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			36	38
Model Name	Combination Unit		ARUV432DTE5	ARUV456DTE5
	Independent Unit		ARUV241DTE5	ARUV241DTE5
			ARUV192DTE5	ARUV216DTE5
Capacity	Cooling (Norminal)	Btu/h	432,000	456,000
		kW	126.6	133.6
	Cooling (Rated)	Btu/h	406,000	428,000
		kW	119.0	125.5
Input	Cooling (Norminal)	kW	33.11	34.74
	Cooling (Rated)	kW	29.25	31.95
EER (Norminal)			3.82	3.85
EER (Rated)			4.07	3.93
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 4	62.1 × 4
	Number of Revolution	rev/min	3,600 × 4	3,600 × 4
	Motor Output x Number	W x No.	5,300 × 4	5,300 × 4
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2	(1,240 × 1,690 × 760) × 2
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2	(48-13/16 × 66-17/32 × 29-29/32) × 2
Net Weight		kg	(286 × 1) + (284 × 1)	(286 × 1) + (284 × 1)
		lbs	(630 × 1) + (626 × 1)	(630 × 1) + (626 × 1)
Sound Pressure Level (Cooling)		dB(A)	66.8	67.8
Sound Power Level (Cooling)		dB(A)	90.1	90.1
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	30.0	30.0
		lbs	66.1	66.1
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum connectable indoor units			61(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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			40	42
Model Name	Combination Unit		ARUV480DTE5	ARUV504DTE5
	Independent Unit		ARUV241DTE5	ARUV241DTE5
			ARUV241DTE5	ARUV144DTE5
				ARUV121DTE5
Capacity	Cooling (Norminal)	Btu/h	480,000	504,000
		kW	140.6	147.7
	Cooling (Rated)	Btu/h	444,000	474,000
		kW	130.2	138.9
Input	Cooling (Norminal)	kW	38.40	38.03
	Cooling (Rated)	kW	34.80	34.91
EER (Norminal)			3.66	3.88
EER (Rated)			3.74	3.98
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 4	62.1 × 4
	Number of Revolution	rev/min	3,600 × 4	3,600 × 4
	Motor Output x Number	W x No.	5,300 × 4	5,300 × 4
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 4	(900 × 4) + (1,200 × 1)
	Air Flow Rate(High)	m^3/min	320 × 2	(320 × 2) + (240 × 1)
		ft^3/min	11,301 × 2	(11,301 × 2) + (8,476 × 1)
	Drive		DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	286 × 2	(286 × 1) + (222 × 1) + (200 × 1)
		lbs	630 × 2	(630 × 1) + (489 × 1) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	68.0	67.0
Sound Power Level (Cooling)		dB(A)	91.0	89.4
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	32.0	39.0
		lbs	70.5	86.0
	Control		Electronic Expansion Valve	Electronic Expansion Valve

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			40	42
Model Name	**Combination Unit**		**ARUV480DTE5**	**ARUV504DTE5**
	Independent Unit		**ARUV241DTE5**	**ARUV241DTE5**
			ARUV241DTE5	**ARUV144DTE5**
				ARUV121DTE5
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			44	46
Model Name	Combination Unit		ARUV530DTE5	ARUV554DTE5
	Independent Unit		ARUV241DTE5	ARUV241DTE5
			ARUV168DTE5	ARUV192DTE5
			ARUV121DTE5	ARUV121DTE5
Capacity	Cooling (Norminal)	Btu/h	528,000	552,000
		kW	154.7	161.8
	Cooling (Rated)	Btu/h	496,000	520,000
		kW	145.4	152.4
Input	Cooling (Norminal)	kW	40.10	41.62
	Cooling (Rated)	kW	35.46	37.11
EER (Norminal)			3.86	3.89
EER (Rated)			4.10	4.11
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
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 × 1)	62.1 × 5
	Number of Revolution	rev/min	3,600 × 5	3,600 × 5
	Motor Output x Number	W x No.	(5,300 × 4) + (4,200 × 1)	5,300 × 5
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(286 × 1) + (266 × 1) + (200 × 1)	(286 × 1) + (284 × 1) + (200 × 1)
		lbs	(630 × 1) + (586 × 1) + (441 × 1)	(630 × 1) + (626 × 1) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	67.1	67.4
Sound Power Level (Cooling)		dB(A)	89.6	90.4
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	39.0	40.0
		lbs	86.0	88.2
	Control		Electronic Expansion Valve	Electronic Expansion Valve

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			44	46
Model Name	**Combination Unit**		**ARUV530DTE5**	**ARUV554DTE5**
	Independent Unit		**ARUV241DTE5**	**ARUV241DTE5**
			ARUV168DTE5	**ARUV192DTE5**
			ARUV121DTE5	**ARUV121DTE5**
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum connectable indoor units			64	64

Note

1. Due to our policy of innovation some specifications may be changed without notification.
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3. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			48	50
Model Name	Combination Unit		ARUV578DTE5	ARUV603DTE5
	Independent Unit		ARUV241DTE5	ARUV241DTE5
			ARUV216DTE5	ARUV241DTE5
			ARUV121DTE5	ARUV121DTE5
Capacity	Cooling (Norminal)	Btu/h	576,000	600,000
		kW	168.8	175.8
	Cooling (Rated)	Btu/h	542,000	558,000
		kW	158.9	163.6
Input	Cooling (Norminal)	kW	43.25	46.91
	Cooling (Rated)	kW	39.81	42.66
EER (Norminal)			3.90	3.75
EER (Rated)			3.99	3.83
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 5	62.1 × 5
	Number of Revolution	rev/min	3,600 × 5	3,600 × 5
	Motor Output x Number	W x No.	5,300 × 5	5,300 × 5
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	19.05(3/4)	22.2(7/8)
	Gas	mm(inch)	41.3(1-5/8)	44.5(1-3/4)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(286 × 1) + (284 × 1) + (200 × 1)	(286 × 2) + (200 × 1)
		lbs	(630 × 1) + (626 × 1) + (441 × 1)	(630 × 2) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	68.3	68.5
Sound Power Level (Cooling)		dB(A)	90.4	91.3
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	40.0	42.0
		lbs	88.2	92.6
	Control		Electronic Expansion Valve	Electronic Expansion Valve

Note

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3. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			48	50
Model Name	**Combination Unit**		**ARUV578DTE5**	**ARUV603DTE5**
	Independent Unit		**ARUV241DTE5**	**ARUV241DTE5**
			ARUV216DTE5	**ARUV241DTE5**
			ARUV121DTE5	**ARUV121DTE5**
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			52	54
Model Name	Combination Unit		ARUV626DTE5	ARUV650DTE5
	Independent Unit		ARUV241DTE5	ARUV241DTE5
			ARUV241DTE5	ARUV241DTE5
			ARUV144DTE5	ARUV168DTE5
Capacity	Cooling (Norminal)	Btu/h	624,000	648,000
		kW	182.8	189.8
	Cooling (Rated)	Btu/h	582,000	604,000
		kW	170.6	177.1
Input	Cooling (Norminal)	kW	48.72	50.79
	Cooling (Rated)	kW	44.45	45.00
EER (Norminal)			3.75	3.74
EER (Rated)			3.84	3.93
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 5	(62.1 × 5) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 5	3,600 × 6
	Motor Output x Number	W x No.	5,300 × 5	(5,300 × 5) + (4,200 × 1)
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	44.5(1-3/4)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3	(1,240 × 1,690 × 760) × 3
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3	(48-13/16 × 66-17/32 × 29-29/32) × 3
Net Weight		kg	(286 × 2) + (222 × 1)	(286 × 2) + (266 × 1)
		lbs	(630 × 2) + (489 × 1)	(630 × 2) + (586 × 1)
Sound Pressure Level (Cooling)		dB(A)	68.6	68.7
Sound Power Level (Cooling)		dB(A)	91.5	91.6
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	45.0	45.0
		lbs	99.2	99.2
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			56	58
Model Name	Combination Unit		ARUV674DTE5	ARUV698DTE5
	Independent Unit		ARUV241DTE5	ARUV241DTE5
			ARUV241DTE5	ARUV241DTE5
			ARUV192DTE5	ARUV216DTE5
Capacity	Cooling (Norminal)	Btu/h	672,000	696,000
		kW	196.9	203.9
	Cooling (Rated)	Btu/h	628,000	650,000
		kW	184.1	190.6
Input	Cooling (Norminal)	kW	52.31	53.94
	Cooling (Rated)	kW	46.65	49.35
EER (Norminal)			3.76	3.78
EER (Rated)			3.95	3.86
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 6	62.1 × 6
	Number of Revolution	rev/min	3,600 × 6	3,600 × 6
	Motor Output x Number	W x No.	5,300 × 6	5,300 × 6
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3	(1,240 × 1,690 × 760) × 3
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3	(48-13/16 × 66-17/32 × 29-29/32) × 3
Net Weight		kg	(286 × 2) + (284 × 1)	(286 × 2) + (284 × 1)
		lbs	(630 × 2) + (626 × 1)	(630 × 2) + (626 × 1)
Sound Pressure Level (Cooling)		dB(A)	69.0	69.6
Sound Power Level (Cooling)		dB(A)	92.2	92.2
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	46.0	46.0
		lbs	101.4	101.4
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			60	62
Model Name	Combination Unit		ARUV723DTE5	ARUV747DTE5
	Independent Unit		ARUV241DTE5	ARUV241DTE5
			ARUV241DTE5	ARUV241DTE5
			ARUV241DTE5	ARUV144DTE5
				ARUV121DTE5
Capacity	Cooling (Norminal)	Btu/h	720,000	744,000
		kW	210.9	218.0
	Cooling (Rated)	Btu/h	666,000	696,000
		kW	195.3	204.0
Input	Cooling (Norminal)	kW	57.60	57.23
	Cooling (Rated)	kW	52.20	52.31
EER (Norminal)			3.66	3.81
EER (Rated)			3.74	3.90
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 6	62.1 × 6
	Number of Revolution	rev/min	3,600 × 6	3,600 × 6
	Motor Output x Number	W x No.	5,300 × 6	5,300 × 6
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 6	(900 × 6) + (1,200 × 1)
	Air Flow Rate(High)	m^3/min	320 × 3	(320 × 3) + (240 × 1)
		ft^3/min	11,301 × 3	(11,301 × 3) + (8,476 × 1)
	Drive		DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	286 × 3	(286 × 2) + (222 × 1) + (200 × 1)
		lbs	630 × 3	(630 × 2) + (489 × 1) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	69.8	69.1
Sound Power Level (Cooling)		dB(A)	92.8	91.8
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	48.0	55.0
		lbs	105.8	121.3
	Control		Electronic Expansion Valve	Electronic Expansion Valve

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			60	62
Model Name	**Combination Unit**		**ARUV723DTE5**	**ARUV747DTE5**
	Independent Unit		**ARUV241DTE5**	**ARUV241DTE5**
			ARUV241DTE5	**ARUV241DTE5**
			ARUV241DTE5	**ARUV144DTE5**
				ARUV121DTE5
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			64	66
Model Name	Combination Unit		ARUV771DTE5	ARUV795DTE5
	Independent Unit		ARUV241DTE5	ARUV241DTE5
			ARUV241DTE5	ARUV241DTE5
			ARUV168DTE5	ARUV192DTE5
			ARUV121DTE5	ARUV121DTE5
Capacity	Cooling (Norminal)	Btu/h	768,000	792,000
		kW	225.0	232.1
	Cooling (Rated)	Btu/h	718,000	742,000
		kW	210.5	217.5
Input	Cooling (Norminal)	kW	59.30	60.82
	Cooling (Rated)	kW	52.86	54.51
EER (Norminal)			3.79	3.82
EER (Rated)			3.98	3.99
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	(62.1 × 6) + (43.8 × 1)	62.1 × 7
	Number of Revolution	rev/min	3,600 × 7	3,600 × 7
	Motor Output x Number	W x No.	(5,300 × 6) + (4,200 × 1)	5,300 × 7
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(286 × 2) + (266 × 1) + (200 × 1)	(286 × 2) + (284 × 1) + (200 × 1)
		lbs	(630 × 2) + (586 × 1) + (441 × 1)	(630 × 2) + (626 × 1) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	69.2	69.4
Sound Power Level (Cooling)		dB(A)	91.9	92.4
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	55.0	56.0
		lbs	121.3	123.5
	Control		Electronic Expansion Valve	Electronic Expansion Valve

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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			64	66
Model Name	**Combination Unit**		**ARUV771DTE5**	**ARUV795DTE5**
	Independent Unit		**ARUV241DTE5**	**ARUV241DTE5**
			ARUV241DTE5	**ARUV241DTE5**
			ARUV168DTE5	**ARUV192DTE5**
			ARUV121DTE5	**ARUV121DTE5**
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			68	70
Model Name	Combination Unit		ARUV819DTE5	ARUV844DTE5
	Independent Unit		ARUV241DTE5	ARUV241DTE5
			ARUV241DTE5	ARUV241DTE5
			ARUV216DTE5	ARUV241DTE5
			ARUV121DTE5	ARUV121DTE5
Capacity	Cooling (Norminal)	Btu/h	816,000	840,000
		kW	239.1	246.1
	Cooling (Rated)	Btu/h	764,000	780,000
		kW	224.0	228.7
Input	Cooling (Norminal)	kW	62.45	66.11
	Cooling (Rated)	kW	57.21	60.06
EER (Norminal)			3.83	3.72
EER (Rated)			3.91	3.81
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 7	62.1 × 7
	Number of Revolution	rev/min	3,600 × 7	3,600 × 7
	Motor Output x Number	W x No.	5,300 × 7	5,300 × 7
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(286 × 2) + (284 × 1) + (200 × 1)	(286 × 3) + (200 × 1)
		lbs	(630 × 2) + (626 × 1) + (441 × 1)	(630 × 3) + (441 × 1)
Sound Pressure Level (Cooling)		dB(A)	70.0	70.1
Sound Power Level (Cooling)		dB(A)	92.4	92.9
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	56.0	58.0
		lbs	123.5	127.9
	Control		Electronic Expansion Valve	Electronic Expansion Valve

Note

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3. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			68	70
Model Name	**Combination Unit**		**ARUV819DTE5**	**ARUV844DTE5**
	Independent Unit		**ARUV241DTE5**	**ARUV241DTE5**
			ARUV241DTE5	**ARUV241DTE5**
			ARUV216DTE5	**ARUV241DTE5**
			ARUV121DTE5	**ARUV121DTE5**
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			72	74
Model Name	Combination Unit		ARUV867DTE5	ARUV891DTE5
	Independent Unit		ARUV241DTE5	ARUV241DTE5
			ARUV241DTE5	ARUV241DTE5
			ARUV241DTE5	ARUV241DTE5
			ARUV144DTE5	ARUV168DTE5
Capacity	Cooling (Norminal)	Btu/h	864,000	888,000
		kW	253.1	260.1
	Cooling (Rated)	Btu/h	804,000	826,000
		kW	235.7	242.2
Input	Cooling (Norminal)	kW	67.92	69.99
	Cooling (Rated)	kW	61.85	62.40
EER (Norminal)			3.73	3.72
EER (Rated)			3.81	3.88
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 7	(62.1 × 7) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 7	3,600 × 8
	Motor Output x Number	W x No.	5,300 × 7	(5,300 × 7) + (4,200 × 1)
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 ×1,690 × 760) × 4	(1,240 ×1,690 × 760) × 4
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 4	(48-13/16 × 66-17/32 × 29-29/32) × 4
Net Weight		kg	(286 × 3) + (222 × 1)	(286 × 3) + (266 × 1)
		lbs	(630 × 3) + (489 × 1)	(630 × 3) + (586 × 1)
Sound Pressure Level (Cooling)		dB(A)	70.2	70.3
Sound Power Level (Cooling)		dB(A)	93.1	93.2
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	61.0	61.0
		lbs	134.5	134.5
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			76	78
Model Name	Combination Unit		ARUV915DTE5	ARUV939DTE5
	Independent Unit		ARUV241DTE5	ARUV241DTE5
			ARUV241DTE5	ARUV241DTE5
			ARUV241DTE5	ARUV241DTE5
			ARUV192DTE5	ARUV216DTE5
Capacity	Cooling (Norminal)	Btu/h	912,000	936,000
		kW	267.2	274.2
	Cooling (Rated)	Btu/h	850,000	872,000
		kW	249.2	255.7
Input	Cooling (Norminal)	kW	71.51	73.14
	Cooling (Rated)	kW	64.05	66.75
EER (Norminal)			3.74	3.75
EER (Rated)			3.89	3.83
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Warm Gray / Dawn Gray	Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K	NL503K / NA507K
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 8	62.1 × 8
	Number of Revolution	rev/min	3,600 × 8	3,600 × 8
	Motor Output x Number	W x No.	5,300 × 8	5,300 × 8
	Starting Method		Direct On Line	Direct On Line
	Oil Type		FVC68D(PVE)	FVC68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x 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
	Discharge	Side / Top	TOP	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 ×1,690 × 760) × 4	(1,240 ×1,690 × 760) × 4
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 4	(48-13/16 × 66-17/32 × 29-29/32) × 4
Net Weight		kg	(286 × 3) + (284 × 1)	(286 × 3) + (284 × 1)
		lbs	(630 × 3) + (626 × 1)	(630 × 3) + (626 × 1)
Sound Pressure Level (Cooling)		dB(A)	70.4	70.9
Sound Power Level (Cooling)		dB(A)	93.6	93.6
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A	R410A
	Precharged Amount	kg	62.0	62.0
		lbs	136.7	136.7
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		V, Ø, Hz	460, 3, 60	460, 3, 60
Number of maxmum 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. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

1. Specifications

RT			80
Model Name	**Combination Unit**		**ARUV964DTE5**
	Independent Unit		**ARUV241DTE5**
			ARUV241DTE5
			ARUV241DTE5
			ARUV241DTE5
Capacity	Cooling (Norminal)	Btu/h	960,000
		kW	281.2
	Cooling (Rated)	Btu/h	888,000
		kW	260.4
Input	Cooling (Norminal)	kW	76.80
	Cooling (Rated)	kW	69.60
EER (Norminal)			3.66
EER (Rated)			3.74
Power Factor	Rated	-	0.93
Exterior	Color		Warm Gray / Dawn Gray
	RAL code		NL503K / NA507K
Heat Exchanger			Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll
	Piston Displacement	cm^3/rev	62.1 × 8
	Number of Revolution	rev/min	3,600 × 8
	Motor Output x Number	W x No.	5,300 × 8
	Starting Method		Direct On Line
	Oil Type		FVC68D(PVE)
Fan	Type		Propeller fan
	Motor Output x Number	W	900 × 8
	Air Flow Rate(High)	m^3/min	320 × 4
		ft^3/min	11,301 × 4
	Drive		DC INVERTER
	Discharge	Side / Top	TOP
Pipe Connctions	Liquid	mm(inch)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 ×1,690 × 760) × 4
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 4
Net Weight		kg	286 × 4
		lbs	630 × 4
Sound Pressure Level (Cooling)		dB(A)	71.0
Sound Power Level (Cooling)		dB(A)	94.0
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 (VCTF-SB)		No.×㎟	2C × 1.0 ~ 1.5
Refigerant	Refigerant name		R410A
	Precharged Amount	kg	64.0
		lbs	141.1
	Control		Electronic Expansion Valve
Power Supply		V, Ø, Hz	460, 3, 60
Number of maxmum connectable indoor units			64

Note

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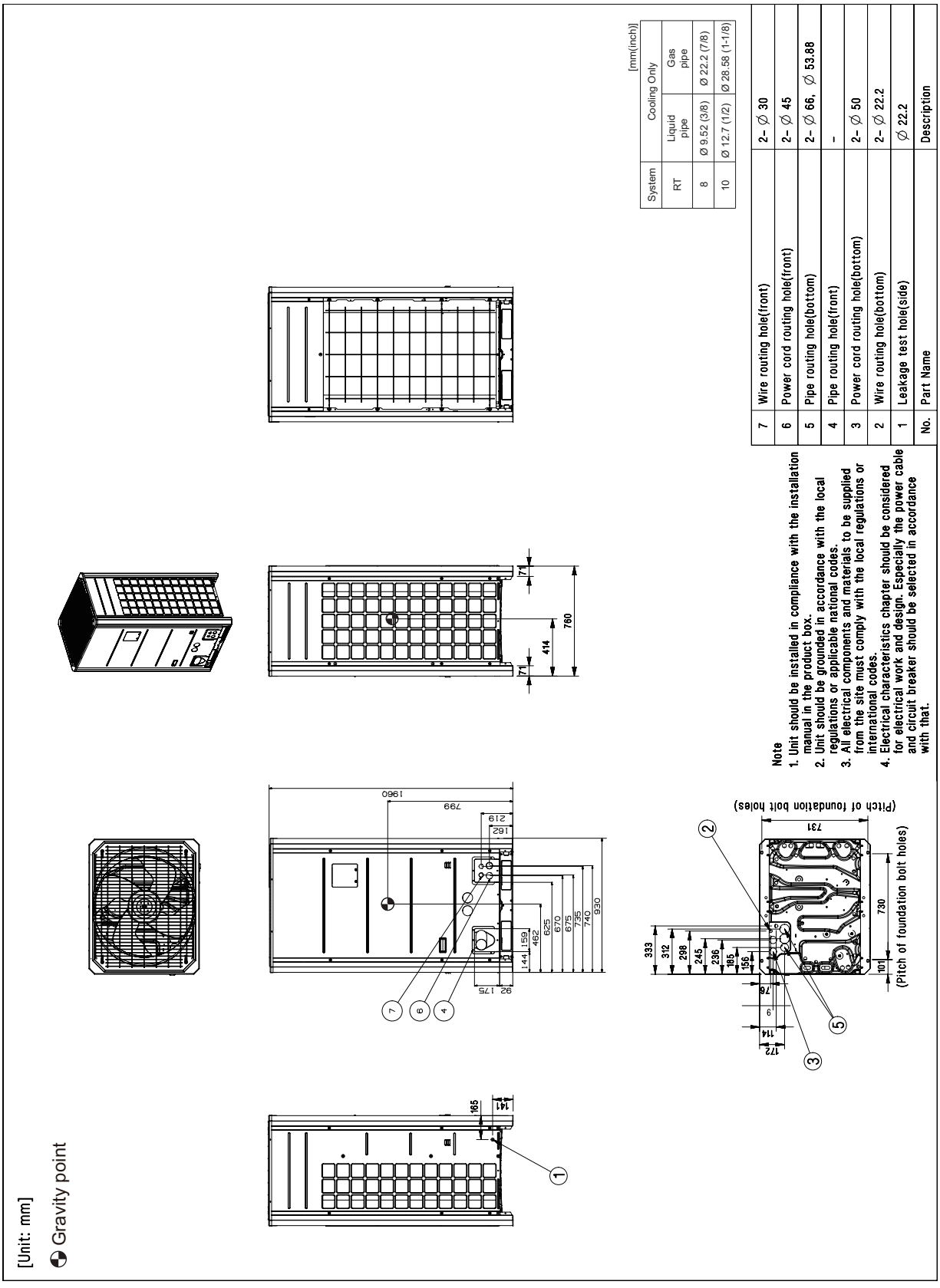
2. Wiring cable size must comply with the applicable local and national codes. And “Electric characteristics” chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Power factor could vary less than ±1% according to the operating conditions.
4. 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 reverberation rooms by ISO 3741 standard.
   Therefore, these values can be increased owing to ambient conditions during operation.
5. Performances are based on the following conditions :
   - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
6. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination.
   The recommended ratio is 130%.
7. This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)

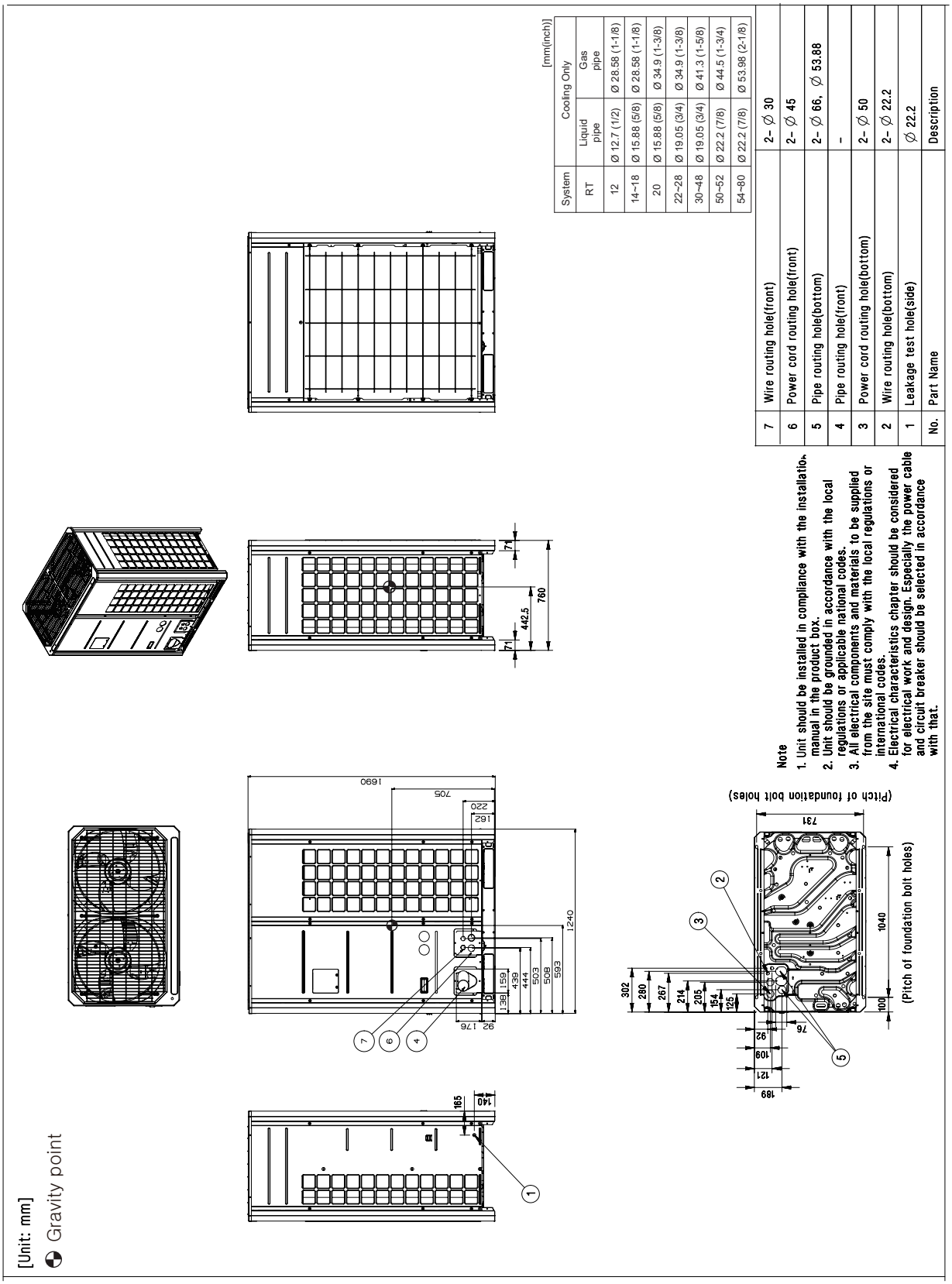
2. Dimensions

ARUV096BTE5 / ARUV121BTE5
ARUV096DTE5 / ARUV121DTE5



2. Dimensions

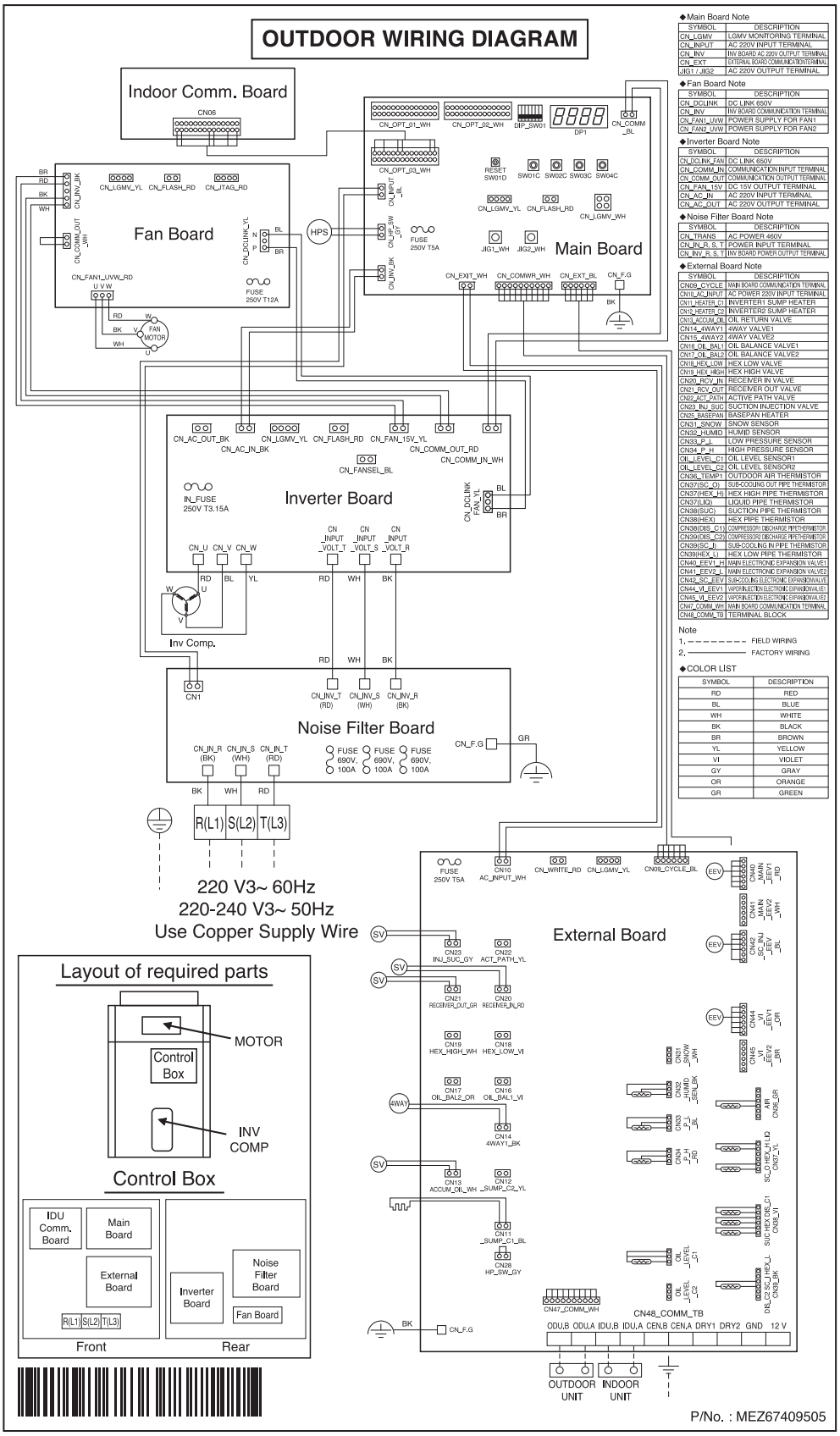
ARUV144BTE5 / ARUV168BTE5 / ARUV192BTE5 / ARUV216BTE5
ARUV241BTE5 / ARUV264BTE5
ARUV144DTE5 / ARUV168DTE5 / ARUV192DTE5 / ARUV216DTE5
ARUV241DTE5 / ARUV264DTE5



3. Wiring Diagrams

3.1 220V

3.1.1 8 / 10 RT (UXA, 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 650V
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 650V
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
CN_TRANS	AC POWER 460V
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
CN_LEVEL_C1	OIL LEVEL SENSOR1
CN_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 EXPANSION VALVE
CN44_VI_EEV1	VAPORINJECTION ELECTRONIC EXPANSION VALVE1
CN45_VI_EEV2	VAPORINJECTION ELECTRONIC EXPANSION VALVE2
CN47_COMM_WH	MAIN BOARD COMMUNICATION TERMINAL
CN48_COMM_TB	TERMINAL BLOCK

Note

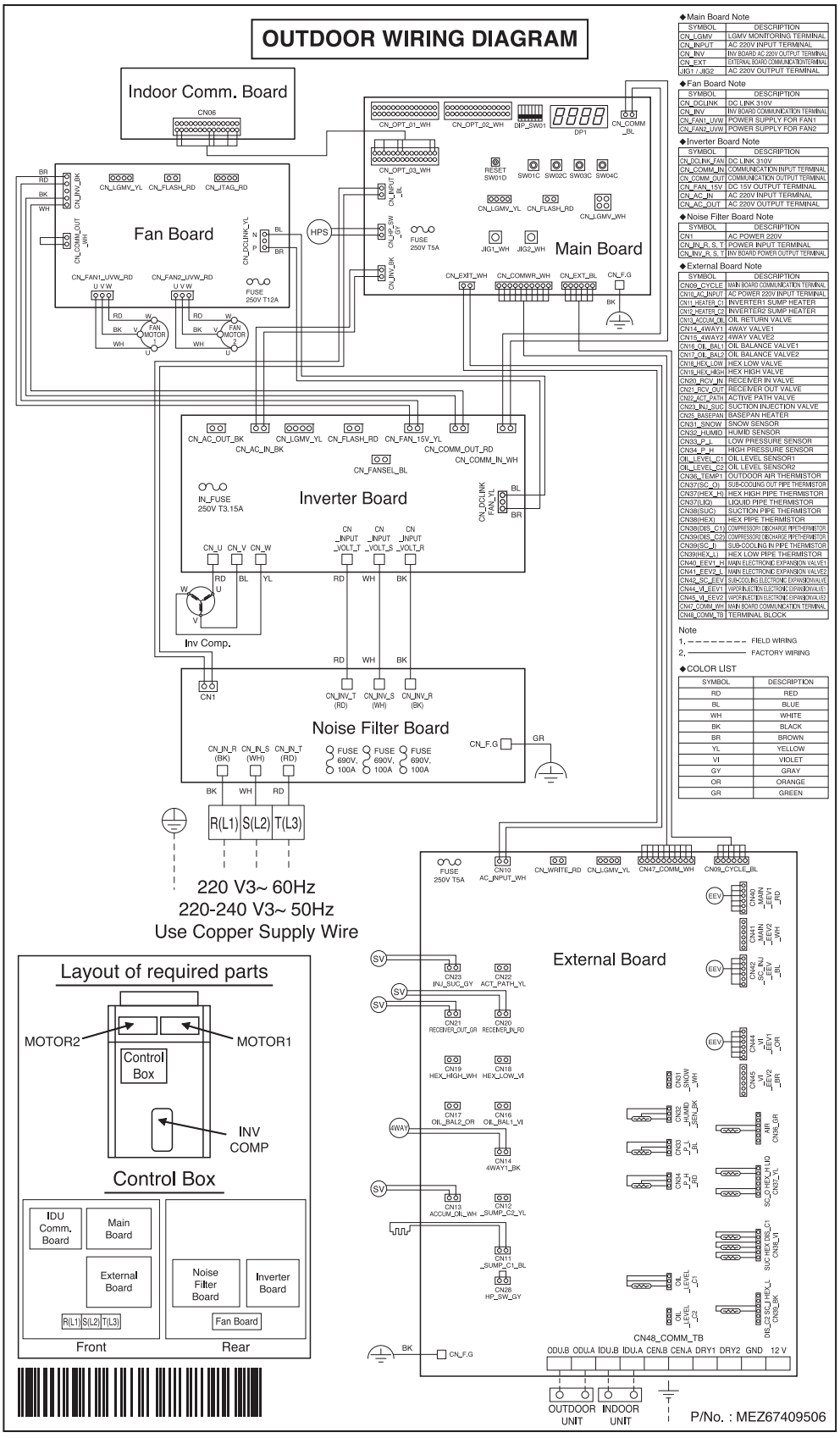
1. ---------- FIELD WIRING
2. ———— FACTORY WIRING

◆COLOR LIST

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

3. Wiring Diagrams

3.1.2 12 RT (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
CN38(DIS_C1)	COMPRESSOR DISCHARGE RIPETHERMISTOR
CN39(DIS_C2)	COMPRESSOR2 DISCHARGE RIPETHERMISTOR
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	VAPORINJECTION ELECTRONIC EXPANSIONVALVE1
CN45_VI_EEV2	VAPORINJECTION ELECTRONIC EXPANSIONVALVE2
CN47_COMM_WH	MAIN BOARD COMMUNICATION TERMINAL
CN48_COMM_TB	TERMINAL BLOCK

Note

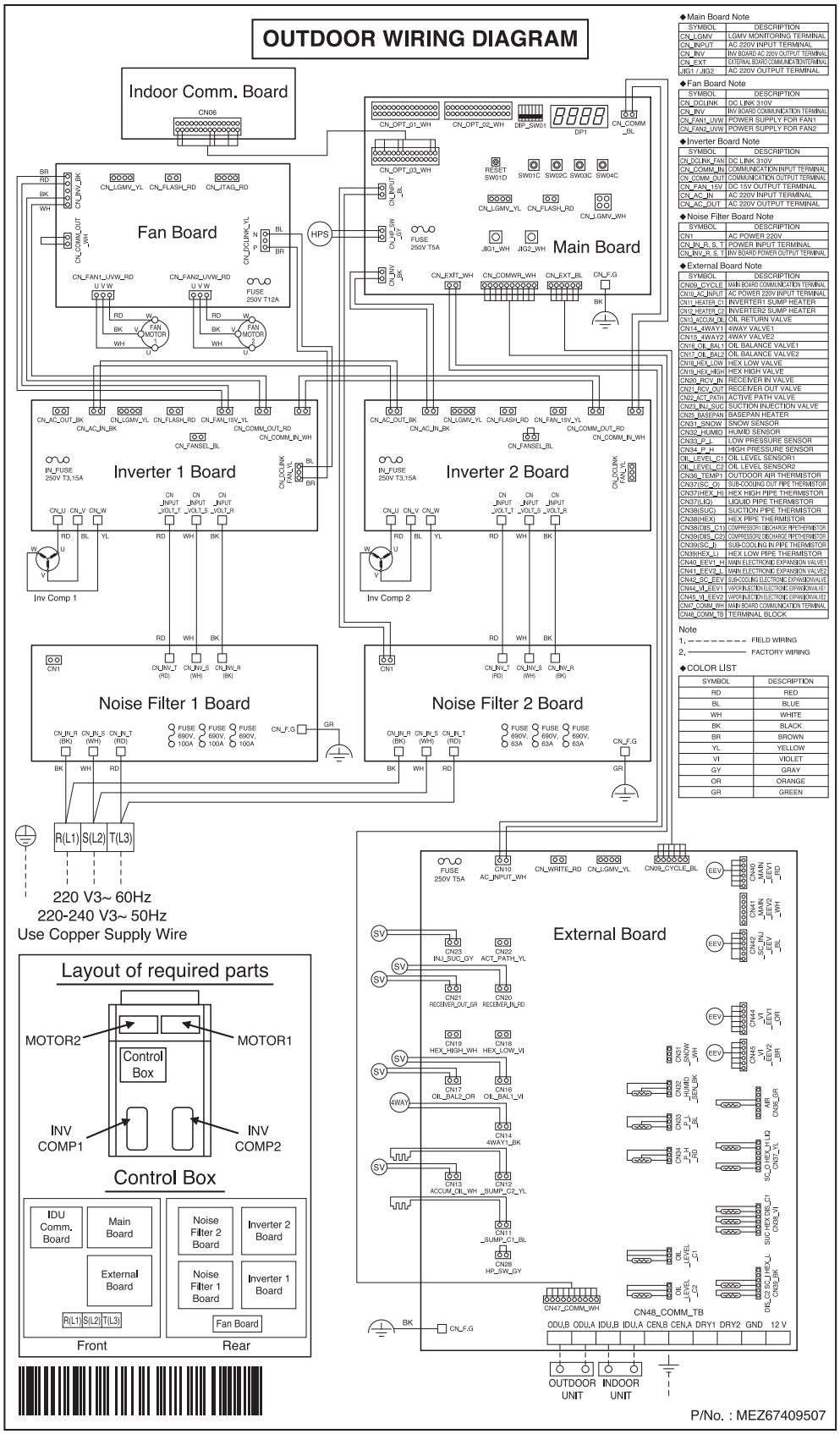
1. ---------- FIELD WIRING
2. ———— FACTORY WIRING

◆COLOR LIST

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

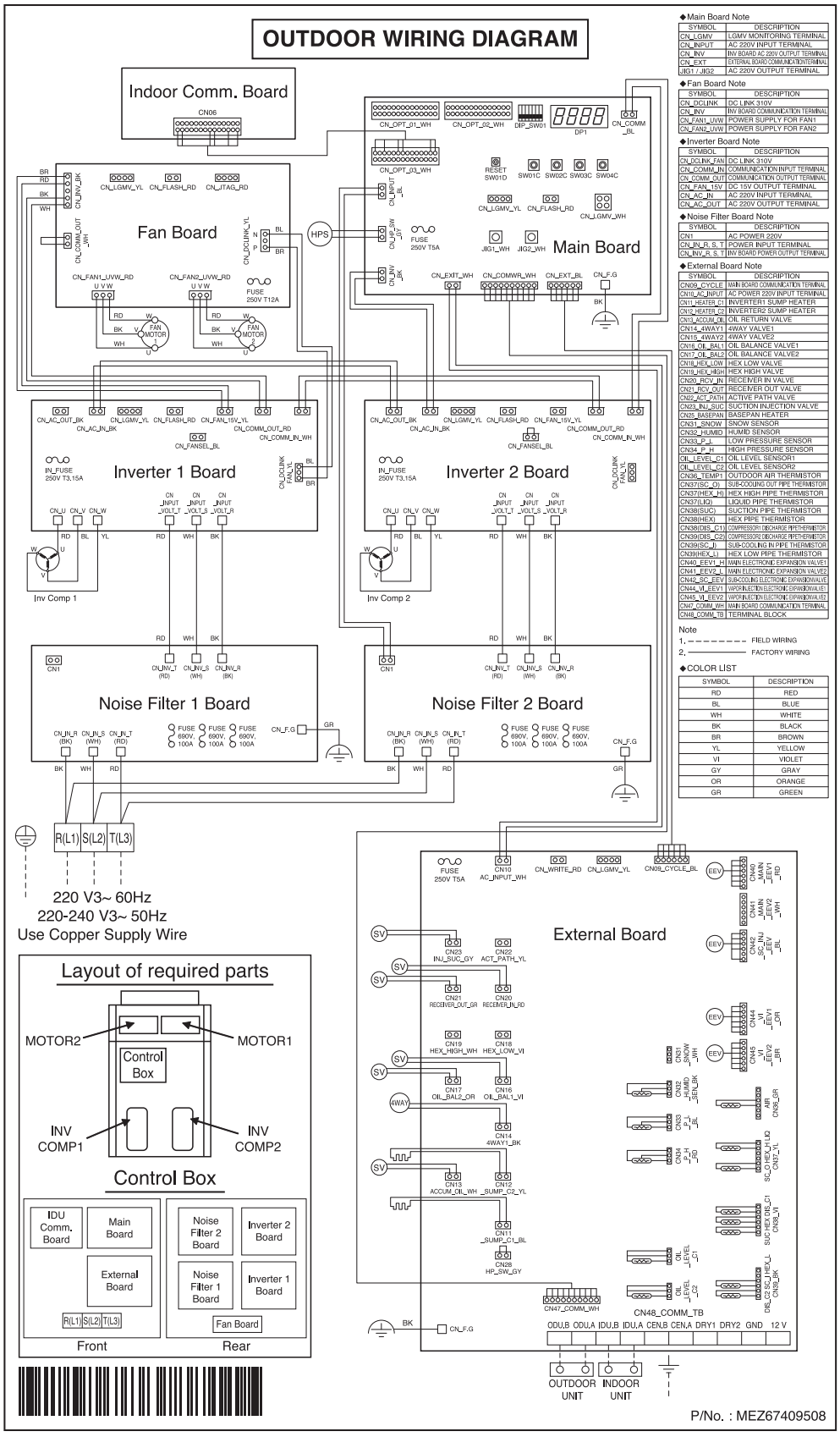
3. Wiring Diagrams

3.1.3 14 RT (UXB, 2 Comp)



3. Wiring Diagrams

3.1.4 16 / 18 / 20 / 22 RT (UXB, 2 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
CN38(DIS_C1)	COMPRESSOR 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 EXPANSION VALVE
CN44_VI_EEV1	VAPOR INJECTION ELECTRONIC EXPANSION VALVE1
CN45_VI_EEV2	VAPOR INJECTION ELECTRONIC EXPANSION VALVE2
CN47_COMM_WH	MAIN BOARD COMMUNICATION TERMINAL
CN48_COMM_TB	TERMINAL BLOCK

Note

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

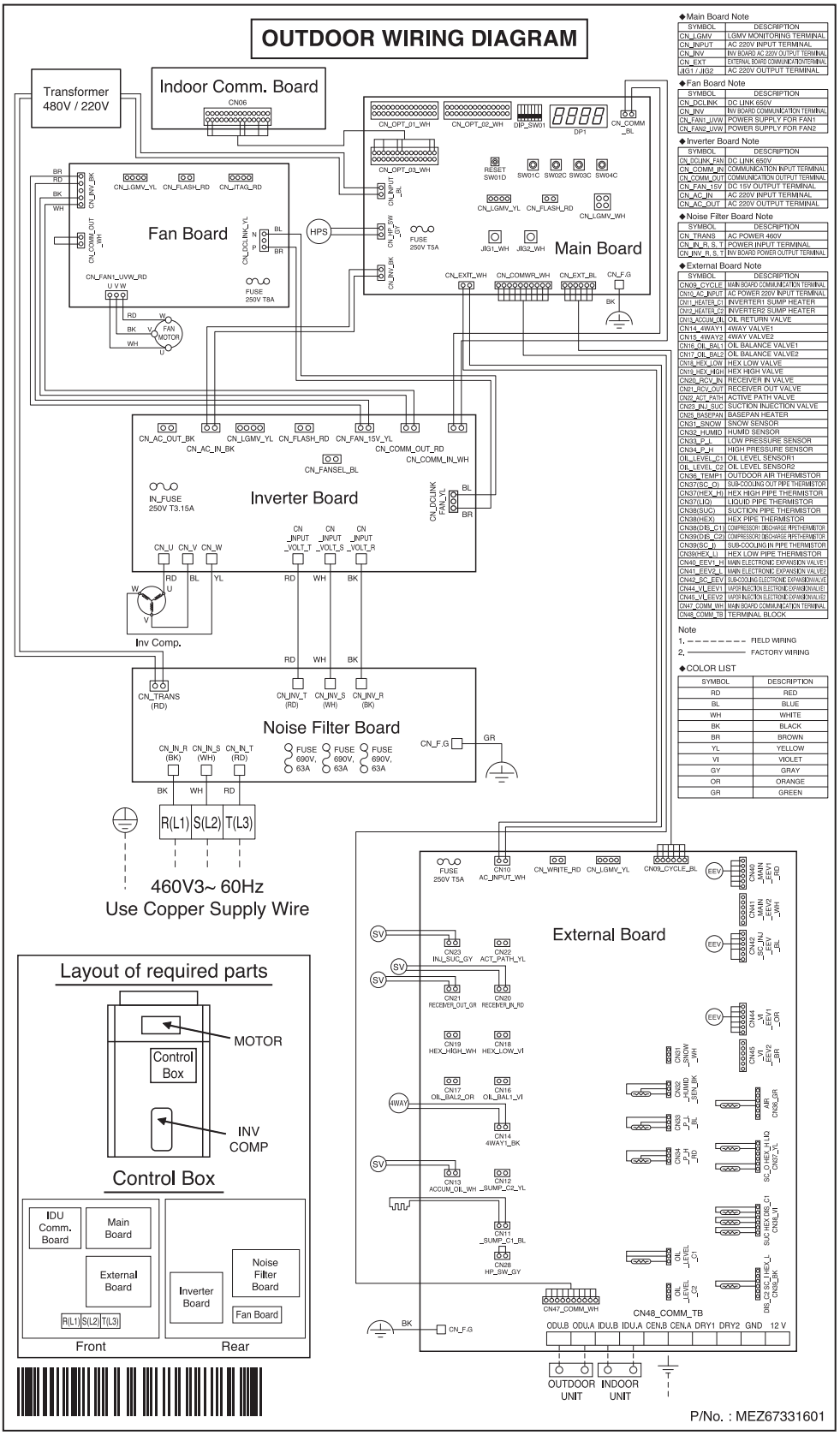
◆COLOR LIST

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

3. Wiring Diagrams

3.2 460V

3.2.1 8 / 10 RT (UXA, 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 COMMUNICATION TERMINAL
JIG1 / JIG2	AC 220V OUTPUT TERMINAL

◆Fan Board Note

SYMBOL	DESCRIPTION
CN_DCLINK	DC LINK 650V
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 650V
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
CN_TRANS	AC POWER 460V
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
CN38(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 ELECTRONIE EXPANSIONVALVE1
CN45_VI_EEV2	VAPOR INJECTION ELECTRONIE EXPANSIONVALVE2
CN47_COMM_WH	MAIN BOARD COMMUNICATION TERMINAL
CN48_COMM_TB	TERMINAL BLOCK

Note

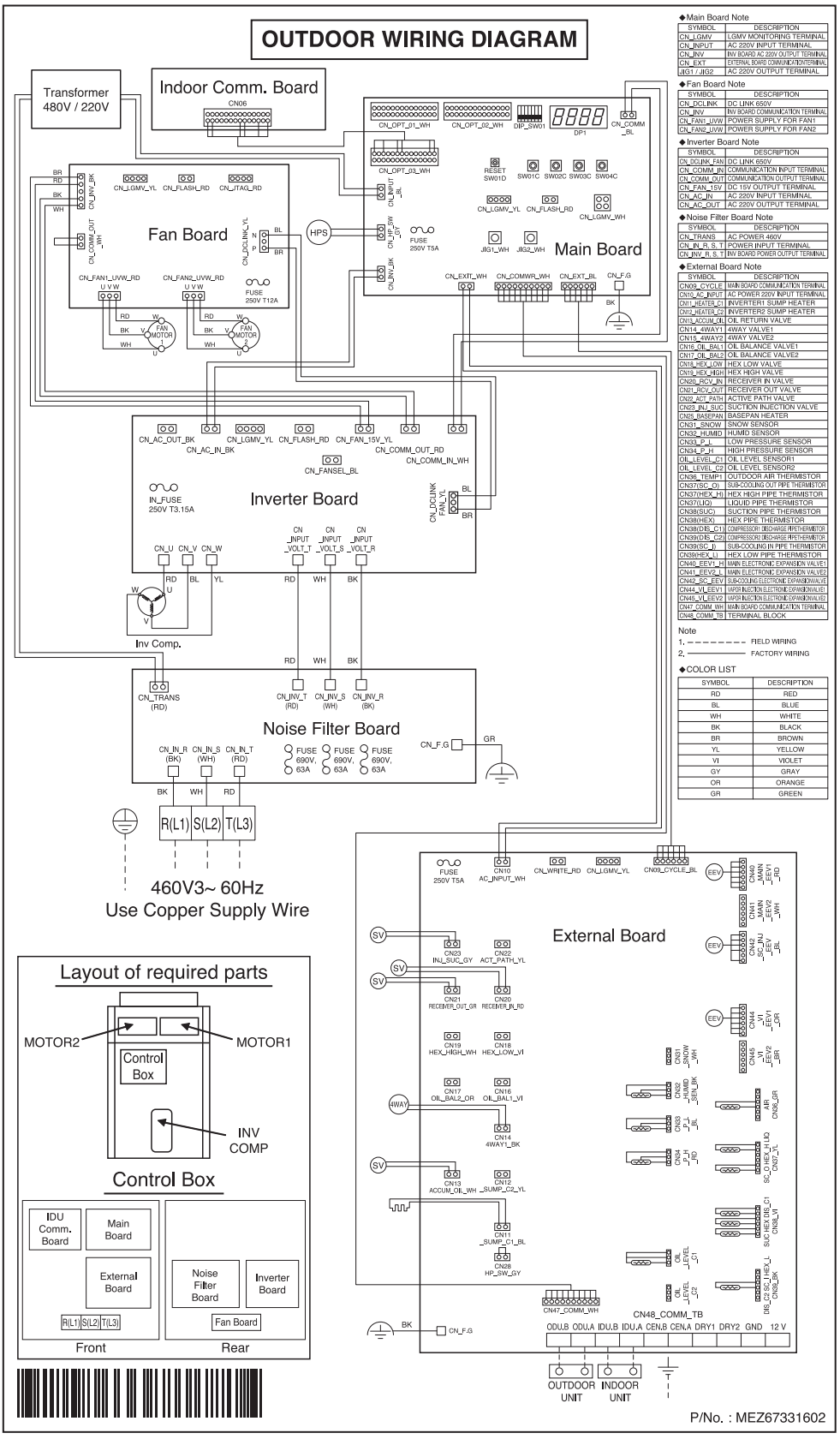
1. ———— FIELD WIRING
2. ———— FACTORY WIRING

◆COLOR LIST

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

3. Wiring Diagrams

3.2.2 12 RT (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 650V
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 650V
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
CN_TRANS	AC POWER 460V
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_HI)	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_LI)	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

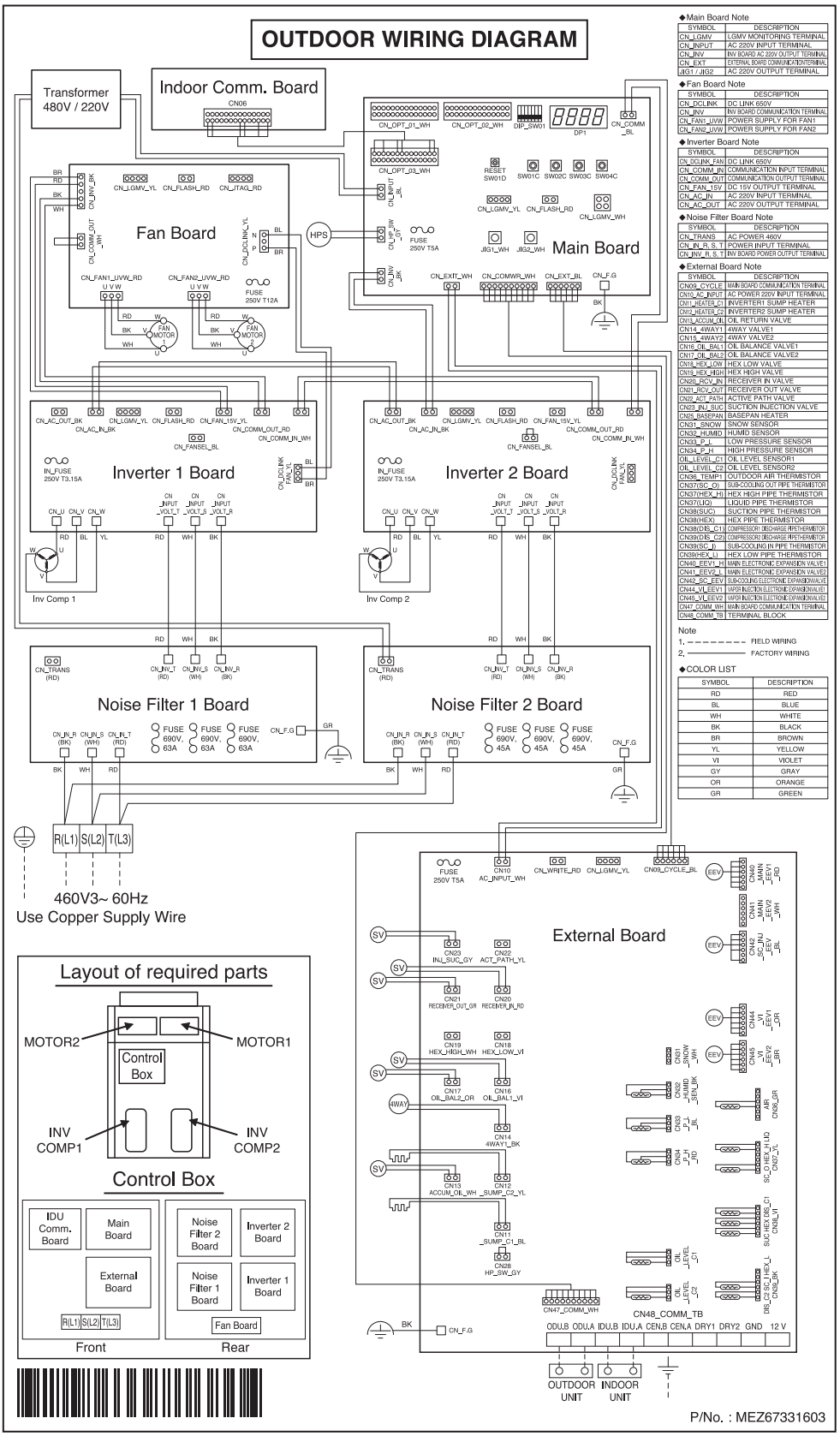
1. ---------- FIELD WIRING
2. ———— FACTORY WIRING

◆COLOR LIST

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

3. Wiring Diagrams

3.2.3 14 RT (UXB, 2 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 650V
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 650V
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
CN_TRANS	AC POWER 460V
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
CN38(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

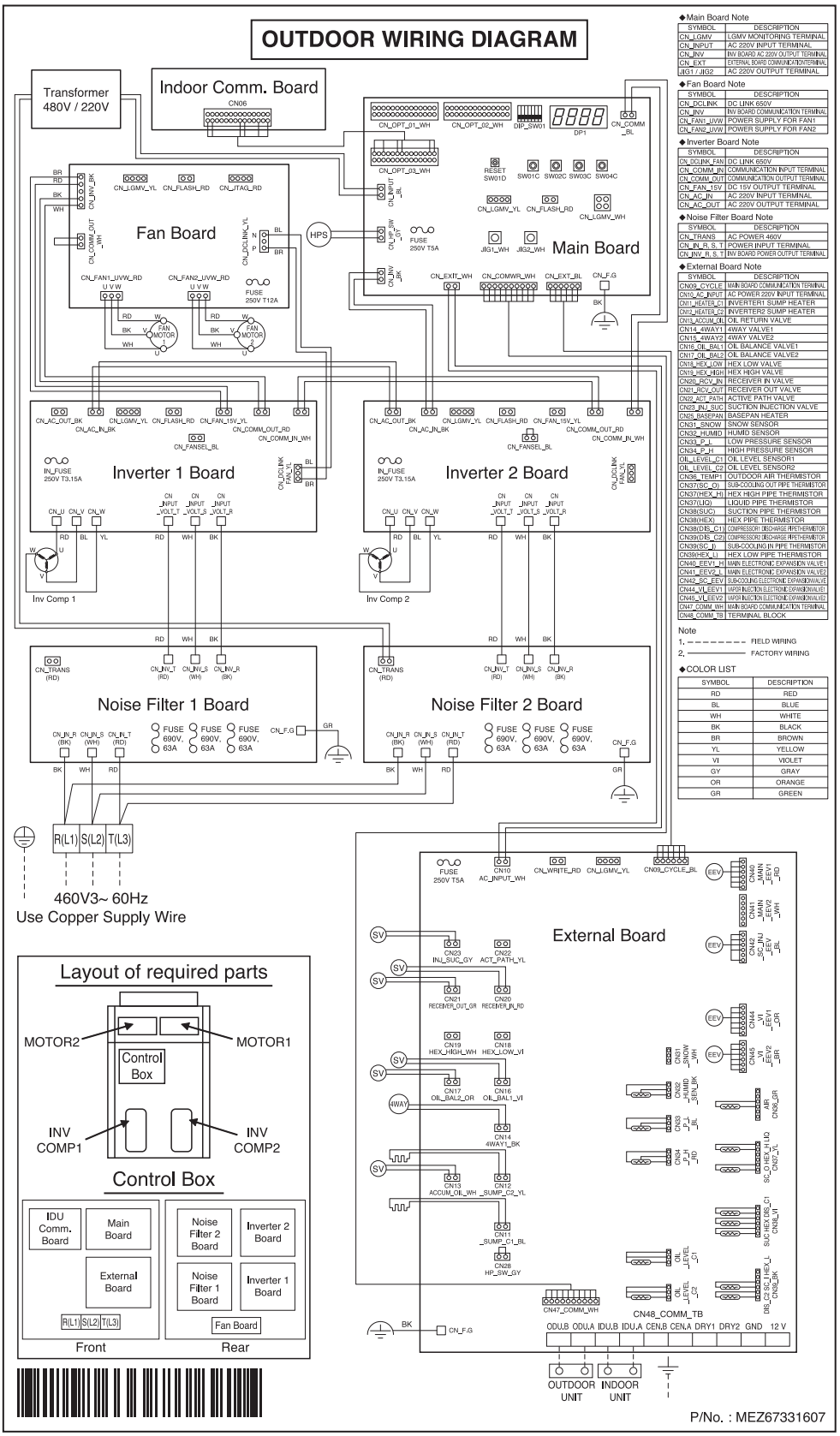
1. ---------- FIELD WIRING
2. ———— FACTORY WIRING

◆COLOR LIST

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

3. Wiring Diagrams

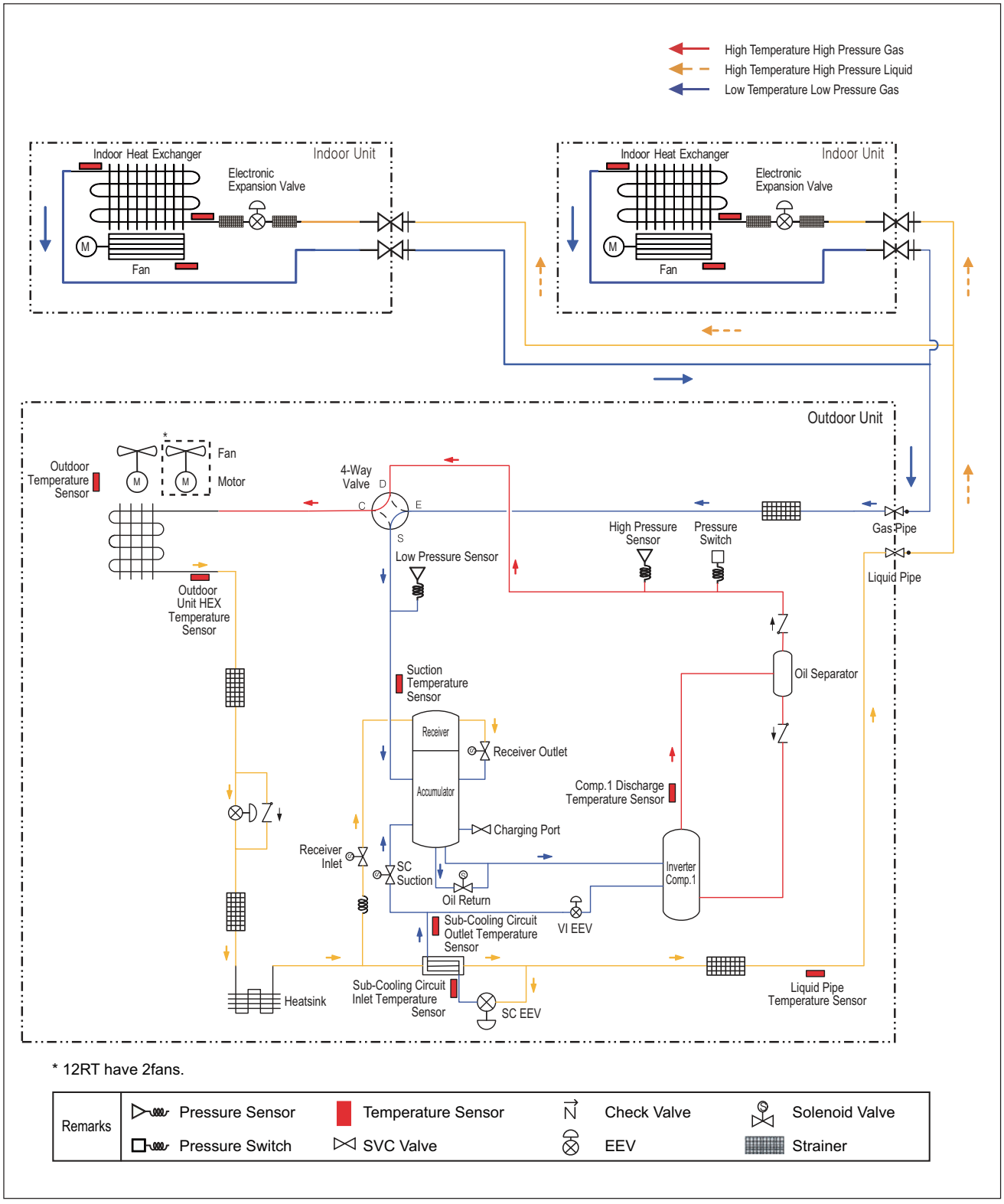
3.2.4 16 / 18 / 20 / 22 RT (UXB, 2 Comp)



4. Piping Diagrams

4.1 8 / 10 / 12 RT (1 Comp)

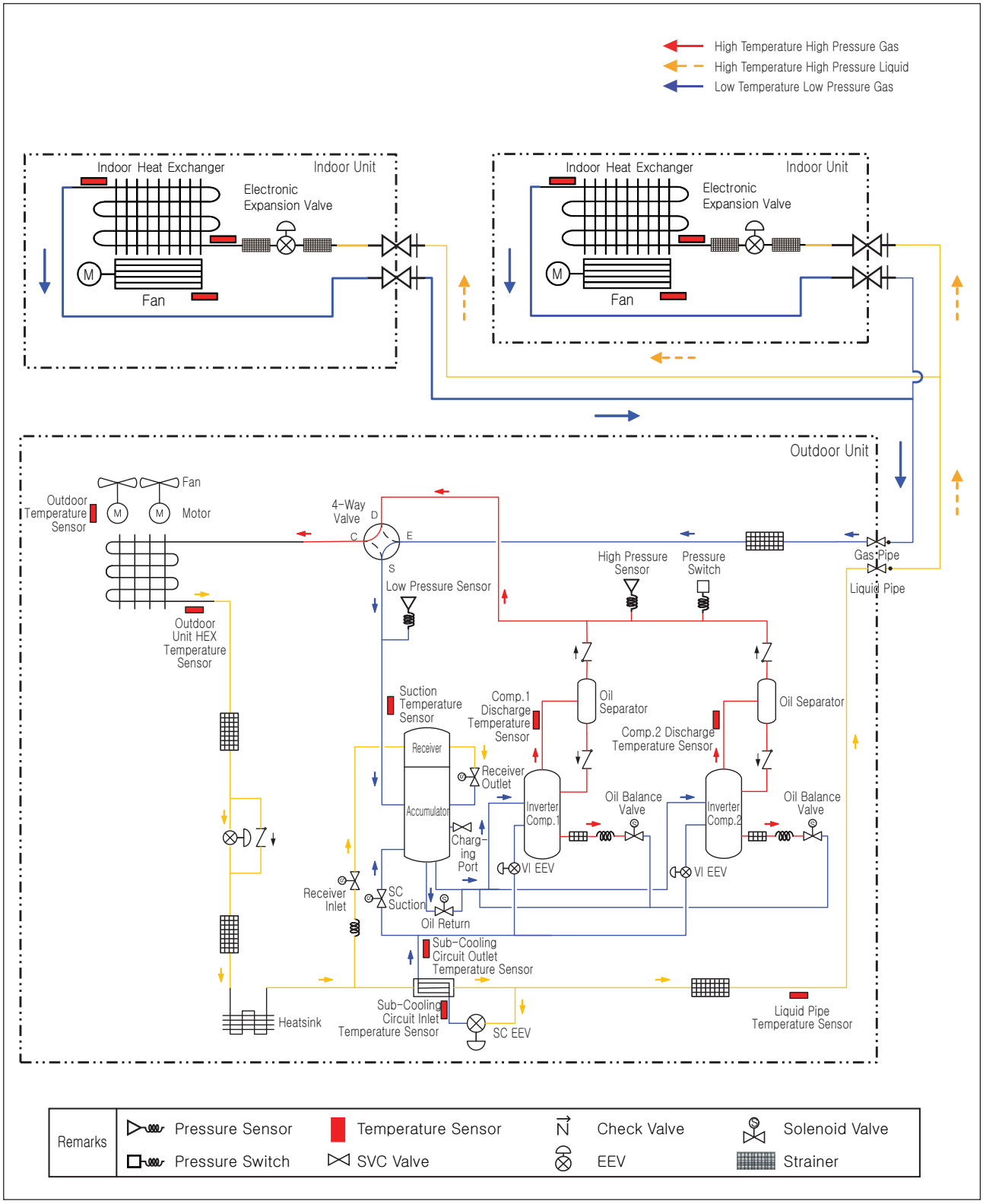
■ Cooling / Oil Return Operation



4. Piping Diagrams

4.2 14 / 16 / 18 / 20 / 22 RT (2 Comp)

■ Cooling / Oil Return Operation

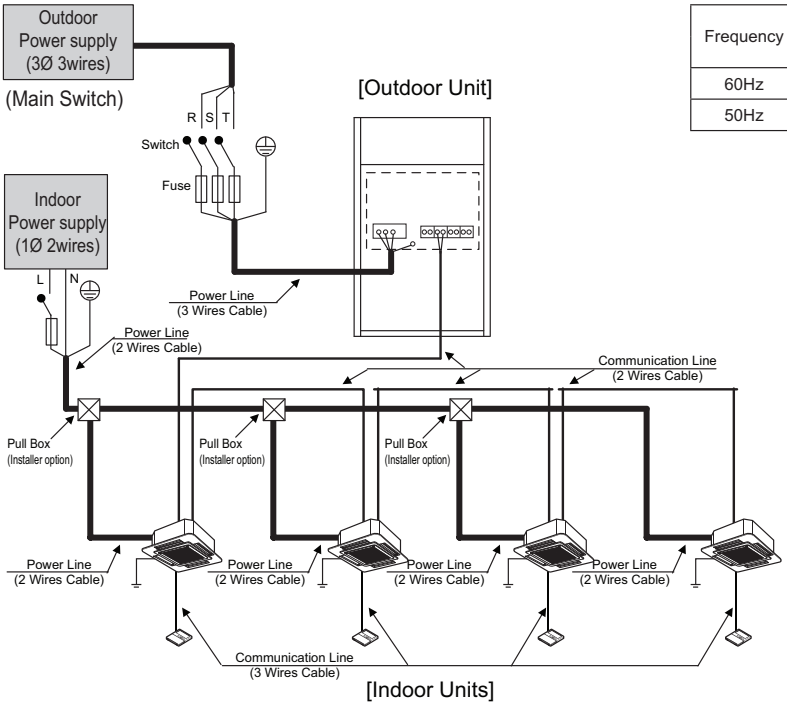


5. Field Wiring

5.1 220V

■ Example Connection of Power & Communication Cable

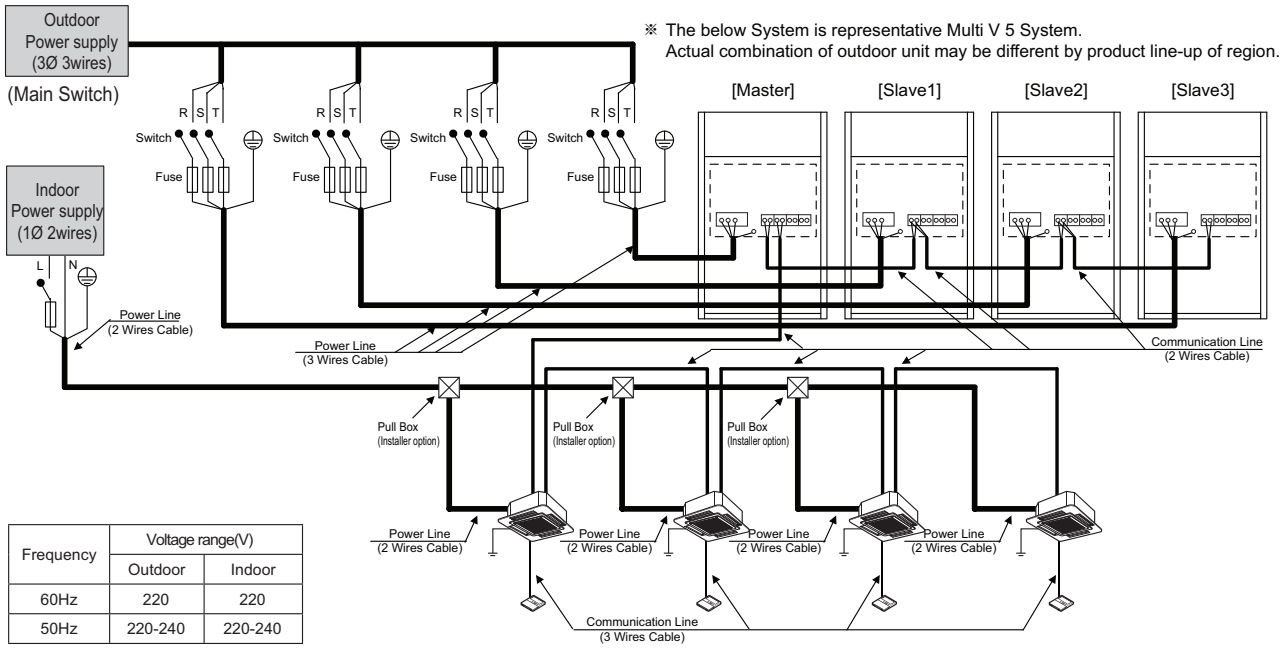
◆ Single Outdoor Unit



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

■ Series Outdoor Unit

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



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

⚠ WARNING

Do not use single power source for connecting series units. The First terminal block could be burnt out.

5. Field Wiring

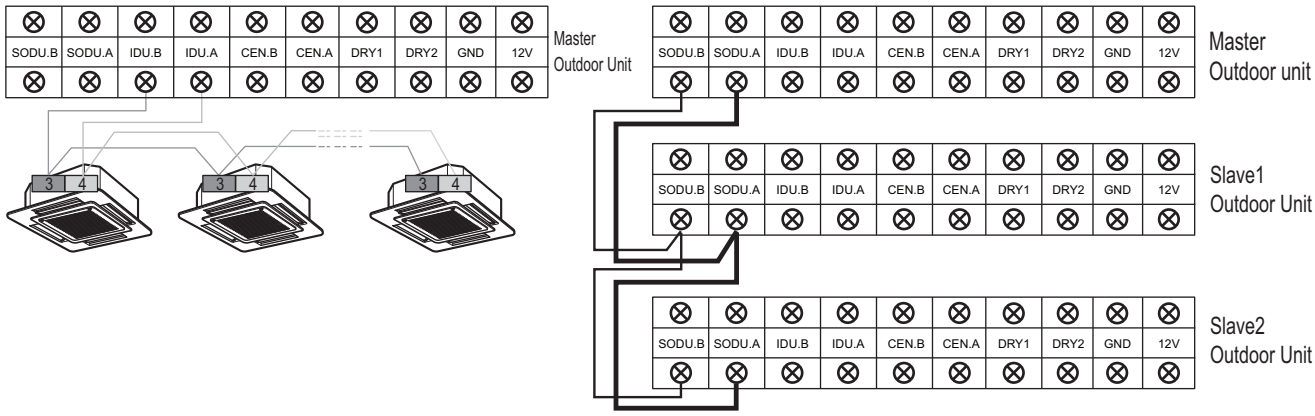
⚠ WARNING

- **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).**
- **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



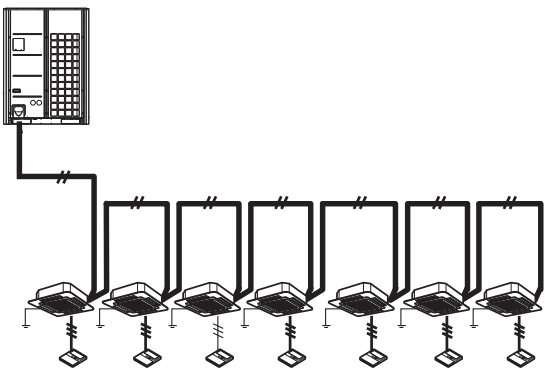
The GND terminal at the main PCB is a '-' terminal for dry contact. It is not the point to make ground connection.

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

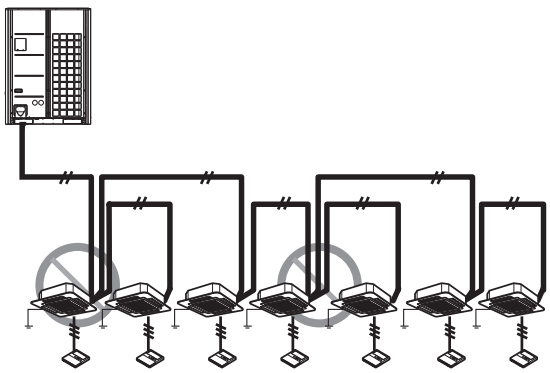
■ Example Connection of Communication Cable

- 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 isinstalled like below figure.

BUS Type



STAR Type

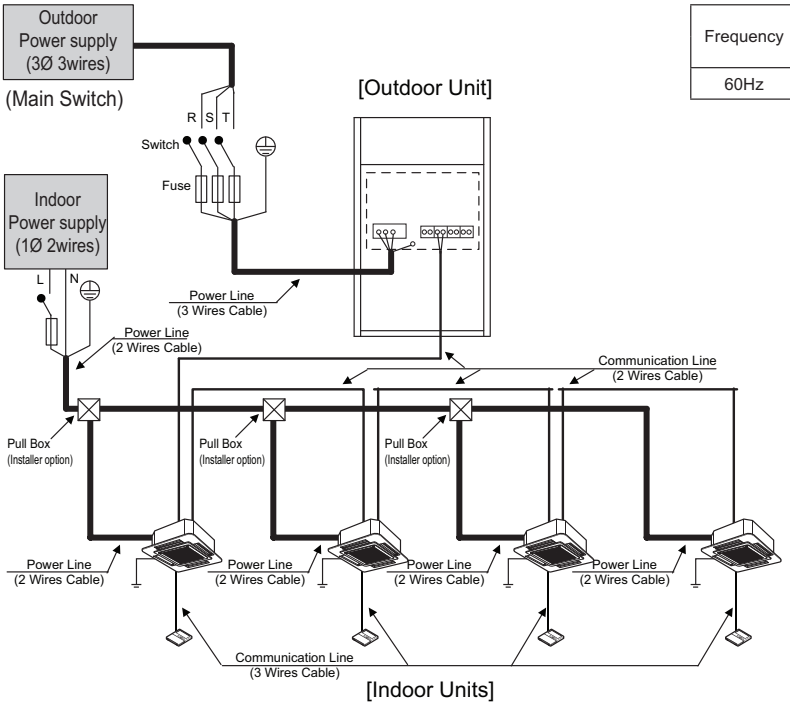


5. Field Wiring

5.2 460V

■ Example Connection of Power & Communication Cable

◆ Single Outdoor Unit



Frequency	Voltage range(V)	
	Outdoor	Indoor
60Hz	460	220

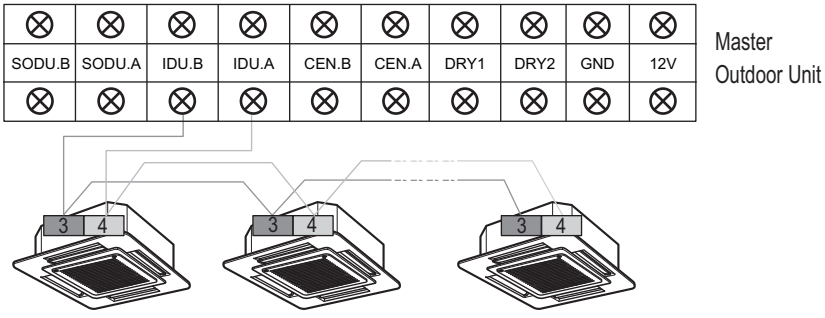
⚠ WARNING

- **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

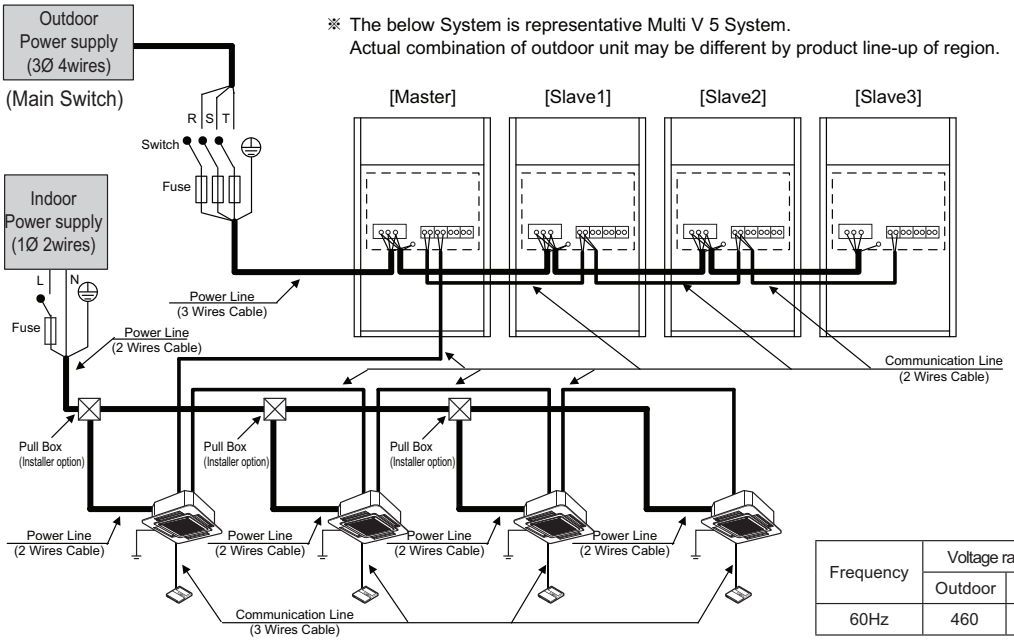


The GND terminal at the main PCB is a '-' terminal for day contact, it is not the point to make ground connection.

5. Field Wiring

■ Series Outdoor Unit

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



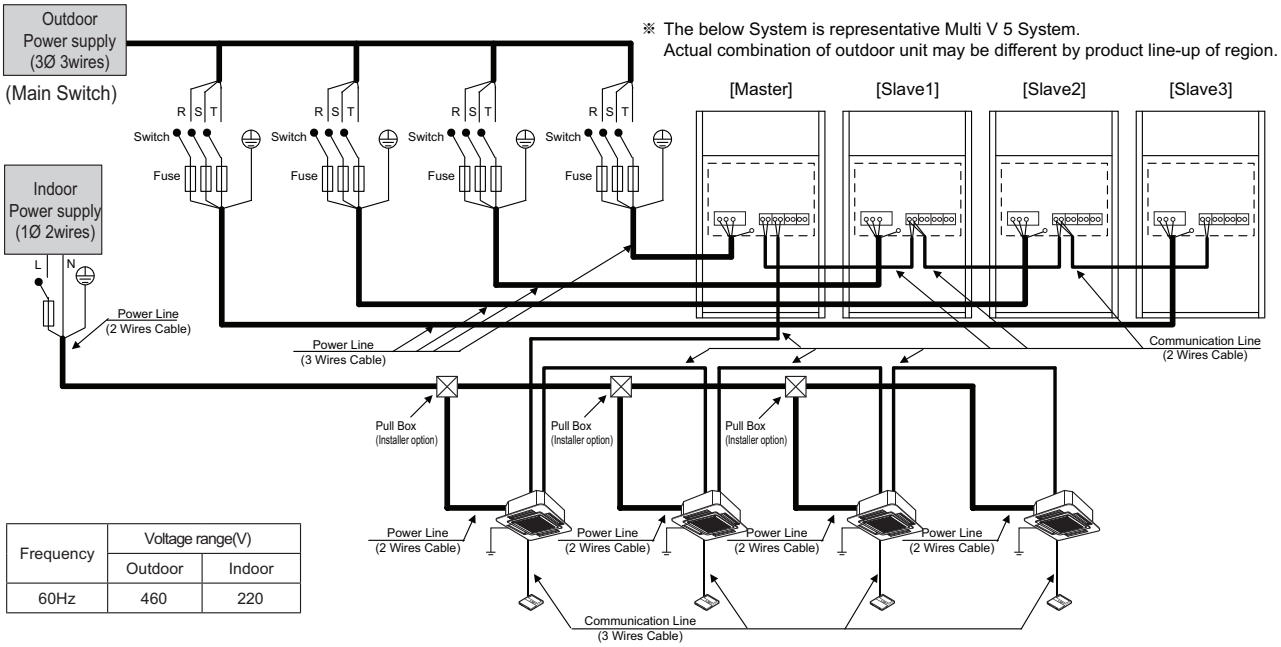
[Indoor Units]

Frequency	Voltage range(V)	
	Outdoor	Indoor
60Hz	460	220

⚠ WARNING

When the total MFA is over than 150A, 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	460	220

5. Field Wiring

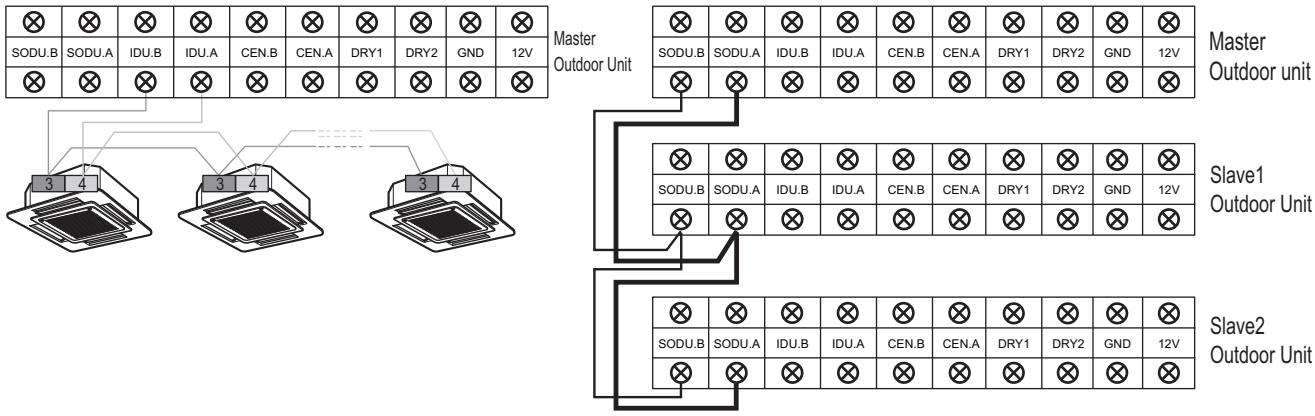
⚠ WARNING

- **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).**
- **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



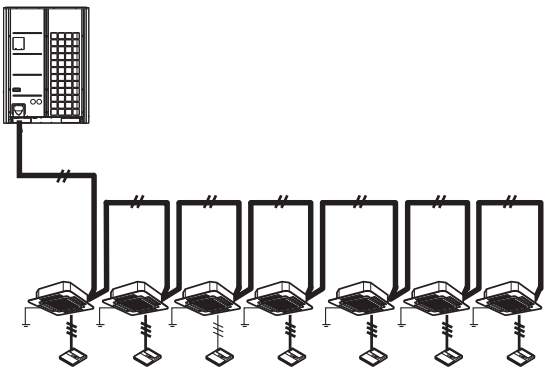
The GND terminal at the main PCB is a '-' terminal for dry contact. It is not the point to make ground connection.

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

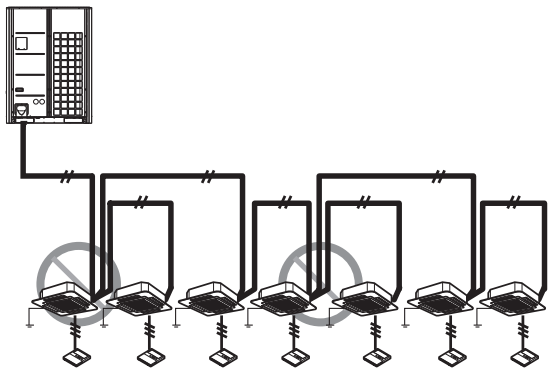
■ Example Connection of Communication Cable

- 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 isinstalled like below figure.

BUS Type



STAR Type



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.**
- **Some installation site may 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

■ 220V

Model	Unit			Power Supply			COMP		OFM	
	Hz	Volts	Voltage-range	MCA	TOCA	MFA	MSC	RLA(Cooling)	kW	FLA
8 RT	60	220	Min.:198, Max.:242	35.7	40.0	40	11.0	10.5	1.77	5.0
10 RT	60	220	Min.:198, Max.:242	36.0	40.0	40	11.0	17.2	1.77	5.0
12 RT	60	220	Min.:198, Max.:242	36.4	40.0	50	11.0	19.2	2.84	8.0
14 RT	60	220	Min.:198, Max.:242	53.6	59.0	60	18.8	20.8	2.84	8.0
16 RT	60	220	Min.:198, Max.:242	60.5	69.0	70	21.9	25.4	2.84	8.0
18 RT	60	220	Min.:198, Max.:242	71.4	80.0	90	21.9	33.1	2.84	8.0
20 RT	60	220	Min.:198, Max.:242	72.1	80.0	90	21.9	41.1	2.84	8.0
22 RT	60	220	Min.:198, Max.:242	72.7	80.0	90	21.9	50.7	2.84	8.0
24 RT	60	220	Min.:198, Max.:242	89.7	99.0	100	29.8	38.0	4.61	13.0
26 RT	60	220	Min.:198, Max.:242	96.6	109.0	110	32.9	42.6	4.61	13.0
28 RT	60	220	Min.:198, Max.:242	107.5	120.0	130	32.9	50.2	4.61	13.0
30 RT	60	220	Min.:198, Max.:242	108.1	120.0	130	32.9	58.3	4.61	13.0
32 RT	60	220	Min.:198, Max.:242	108.4	120.0	140	32.9	60.3	5.67	16.0
34 RT	60	220	Min.:198, Max.:242	125.7	139.0	150	40.7	61.9	5.67	16.0
36 RT	60	220	Min.:198, Max.:242	132.6	149.0	160	43.8	66.5	5.67	16.0
38 RT	60	220	Min.:198, Max.:242	143.5	160.0	180	43.8	74.2	5.67	16.0
40 RT	60	220	Min.:198, Max.:242	144.1	160.0	180	43.8	82.2	5.67	16.0
42 RT	60	220	Min.:198, Max.:242	144.5	160.0	180	43.8	77.5	7.44	21.0
44 RT	60	220	Min.:198, Max.:242	161.7	179.0	190	51.7	79.1	7.44	21.0
46 RT	60	220	Min.:198, Max.:242	168.6	189.0	200	54.8	83.7	7.44	21.0
48 RT	60	220	Min.:198, Max.:242	179.5	200.0	220	54.8	91.3	7.44	21.0
50 RT	60	220	Min.:198, Max.:242	180.2	200.0	220	54.8	99.4	7.44	21.0
52 RT	60	220	Min.:198, Max.:242	180.5	200.0	230	54.8	101.4	8.51	24.0
54 RT	60	220	Min.:198, Max.:242	197.8	219.0	240	62.6	103.0	8.51	24.0
56 RT	60	220	Min.:198, Max.:242	204.7	229.0	250	65.7	107.6	8.51	24.0
58 RT	60	220	Min.:198, Max.:242	215.6	240.0	270	65.7	115.3	8.51	24.0
60 RT	60	220	Min.:198, Max.:242	216.2	240.0	270	65.7	123.3	8.51	24.0
62 RT	60	220	Min.:198, Max.:242	216.5	240.0	270	65.7	118.6	10.28	29.0
64 RT	60	220	Min.:198, Max.:242	234.1	259.0	290	73.6	122.2	11.34	32.0
66 RT	60	220	Min.:198, Max.:242	240.7	269.0	290	76.7	124.8	10.28	29.0
68 RT	60	220	Min.:198, Max.:242	251.6	280.0	310	76.7	132.4	10.28	29.0
70 RT	60	220	Min.:198, Max.:242	252.3	280.0	310	76.7	140.5	10.28	29.0
72 RT	60	220	Min.:198, Max.:242	252.6	280.0	320	76.7	142.5	11.34	32.0
74 RT	60	220	Min.:198, Max.:242	269.9	299.0	330	84.5	144.1	11.34	32.0
76 RT	60	220	Min.:198, Max.:242	276.7	309.0	340	87.6	148.7	11.34	32.0
78 RT	60	220	Min.:198, Max.:242	287.6	320.0	360	87.6	156.4	11.34	32.0
80 RT	60	220	Min.:198, Max.:242	288.3	320.0	360	87.6	164.4	11.34	32.0

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 used to select the circuit breaker and ground fault circuit interrupter, and recommended circuit breaker type is ELCB(Earth Leakage Circuit Breaker).
9. 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

■ 460V

Model	Unit			Power Supply			COMP		OFM	
	Hz	Volts	Voltage-range	MCA	TOCA	MFA	MSC	RLA(Cooling)	kW	FLA
8 RT	60	460	Min.:414, Max.:506	21.4	24.0	25	5.9	4.9	1.20	2.5
10 RT	60	460	Min.:414, Max.:506	25.2	28.0	30	5.9	8.1	1.20	2.5
12 RT	60	460	Min.:414, Max.:506	27.3	30.0	30	5.9	10.5	1.80	2.5
14 RT	60	460	Min.:414, Max.:506	32.7	36.0	40	10.2	11.3	1.80	2.5
16 RT	60	460	Min.:414, Max.:506	40.4	46.0	50	11.8	13.5	1.80	2.5
18 RT	60	460	Min.:414, Max.:506	41.1	46.0	50	11.8	17.1	1.80	2.5
20 RT	60	460	Min.:414, Max.:506	45.0	50.0	50	11.8	21.0	1.80	2.5
22 RT	60	460	Min.:414, Max.:506	54.5	60.0	60	11.8	25.6	1.80	2.5
24 RT	60	460	Min.:414, Max.:506	58.0	64.0	70	16.1	19.4	3.00	5.0
26 RT	60	460	Min.:414, Max.:506	65.6	74.0	80	17.7	21.6	3.00	5.0
28 RT	60	460	Min.:414, Max.:506	66.3	74.0	80	17.7	25.2	3.00	5.0
30 RT	60	460	Min.:414, Max.:506	70.3	78.0	80	17.7	29.1	3.00	5.0
32 RT	60	460	Min.:414, Max.:506	72.3	80.0	80	17.7	31.5	3.60	5.0
34 RT	60	460	Min.:414, Max.:506	77.8	86.0	90	22.0	32.2	3.60	5.0
36 RT	60	460	Min.:414, Max.:506	85.4	96.0	100	23.6	34.5	3.60	5.0
38 RT	60	460	Min.:414, Max.:506	86.1	96.0	100	23.6	38.1	3.60	5.0
40 RT	60	460	Min.:414, Max.:506	90.1	100.0	100	23.6	42.0	3.60	5.0
42 RT	60	460	Min.:414, Max.:506	97.5	108.0	110	23.6	39.6	4.80	7.5
44 RT	60	460	Min.:414, Max.:506	103.0	114.0	120	27.9	40.4	4.80	7.5
46 RT	60	460	Min.:414, Max.:506	110.6	124.0	130	29.5	42.6	4.80	7.5
48 RT	60	460	Min.:414, Max.:506	111.3	124.0	130	29.5	46.2	4.80	7.5
50 RT	60	460	Min.:414, Max.:506	115.3	128.0	130	29.5	50.1	4.80	7.5
52 RT	60	460	Min.:414, Max.:506	117.4	130.0	130	29.5	52.5	5.40	7.5
54 RT	60	460	Min.:414, Max.:506	122.8	136.0	140	33.8	53.2	5.40	7.5
56 RT	60	460	Min.:414, Max.:506	130.4	146.0	150	35.4	55.5	5.40	7.5
58 RT	60	460	Min.:414, Max.:506	131.2	146.0	150	35.4	59.1	5.40	7.5
60 RT	60	460	Min.:414, Max.:506	135.1	150.0	150	35.4	63.0	5.40	7.5
62 RT	60	460	Min.:414, Max.:506	142.6	158.0	160	35.4	60.6	6.60	10.0
64 RT	60	460	Min.:414, Max.:506	150.1	166.0	170	39.7	63.8	7.20	10.0
66 RT	60	460	Min.:414, Max.:506	155.7	174.0	180	41.3	63.6	6.60	10.0
68 RT	60	460	Min.:414, Max.:506	156.4	174.0	180	41.3	67.2	6.60	10.0
70 RT	60	460	Min.:414, Max.:506	160.4	178.0	180	41.3	71.1	6.60	10.0
72 RT	60	460	Min.:414, Max.:506	162.4	180.0	180	41.3	73.5	7.20	10.0
74 RT	60	460	Min.:414, Max.:506	167.9	186.0	190	45.6	74.2	7.20	10.0
76 RT	60	460	Min.:414, Max.:506	175.5	196.0	200	47.2	76.4	7.20	10.0
78 RT	60	460	Min.:414, Max.:506	176.2	196.0	200	47.2	80.1	7.20	10.0
80 RT	60	460	Min.:414, Max.:506	180.2	200.0	200	47.2	83.9	7.20	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 used to select the circuit breaker and ground fault circuit interrupter, and recommended circuit breaker type is ELCB(Earth Leakage Circuit Breaker).
9. 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 Single Unit

◆ ARUV096BTE5 / ARUV096DTE5

Cooling Capacity (8RT)

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	27.8	2.50	33.1	3.06	35.5	3.55	36.5	3.62	37.6	3.65	39.4	3.68	40.4	3.69
	12	27.8	2.56	33.1	3.17	35.5	3.69	36.5	3.72	37.6	3.75	39.4	3.78	40.4	3.81
	14	27.8	2.65	33.1	3.28	35.5	3.83	36.5	3.86	37.6	3.89	39.4	3.92	40.4	3.96
	16	27.8	2.75	33.1	3.40	35.5	4.00	36.5	4.04	37.6	4.07	39.4	4.11	40.4	4.14
	18	27.8	2.86	33.1	3.59	35.5	4.19	36.5	4.28	37.6	4.31	39.4	4.36	40.4	4.39
	20	27.8	2.99	33.1	3.83	35.5	4.40	36.5	4.71	37.6	4.74	38.8	4.79	39.8	4.82
	21	27.8	3.07	33.1	3.96	35.5	4.49	36.5	4.98	37.6	5.02	38.6	5.07	39.6	5.11
	23	27.8	3.29	33.1	4.17	35.5	4.72	36.5	5.50	37.1	5.54	38.0	5.60	39.0	5.63
	25	27.8	3.52	33.1	4.41	35.5	5.04	36.1	6.10	36.5	6.14	37.6	6.21	38.6	6.25
	27	27.8	3.76	33.1	4.71	35.1	5.37	35.5	6.71	36.1	6.76	37.1	6.83	38.0	6.88
	29	27.8	4.01	33.1	5.04	34.5	5.78	35.0	7.38	35.5	7.42	36.5	7.49	37.6	7.52
	31	27.8	4.28	33.0	5.31	33.9	6.15	34.5	7.34	35.0	7.39	36.0	7.45	37.0	7.48
	33	27.8	4.56	32.5	5.62	33.5	6.60	34.0	7.28	34.5	7.32	35.5	7.39	36.4	7.42
	35	27.8	4.86	31.9	5.89	32.9	7.15	33.5	7.18	34.0	7.23	35.0	7.29	36.0	7.32
	37	27.8	5.18	31.4	6.18	32.5	7.05	32.9	7.09	33.5	7.13	34.4	7.19	35.4	7.22
	39	27.8	5.52	30.9	6.51	31.9	6.96	32.5	6.99	32.9	7.03	33.9	7.10	35.0	7.13
	41	27.1	5.85	29.6	6.83	30.6	6.86	31.1	6.90	31.7	6.94	32.6	7.00	33.5	7.03
	43	26.4	6.17	28.4	6.73	29.4	6.77	29.8	6.80	30.4	6.84	31.3	6.90	32.2	6.93
	46	24.8	6.61	25.9	6.59	26.8	6.63	27.2	6.66	27.8	6.70	28.7	6.76	29.5	6.79
	48	21.9	6.42	22.5	6.44	23.3	6.46	23.7	6.47	24.2	6.53	25.0	6.57	25.7	6.60
120	10	25.2	2.25	29.9	2.76	32.7	3.28	33.7	3.55	34.7	3.60	36.6	3.62	37.5	3.64
	12	25.2	2.31	29.9	2.85	32.7	3.41	33.7	3.62	34.7	3.73	36.6	3.78	37.5	3.81
	14	25.2	2.39	29.9	2.95	32.7	3.55	33.7	3.76	34.7	3.87	36.6	3.93	37.5	3.96
	16	25.2	2.48	29.9	3.07	32.7	3.69	33.7	3.90	34.7	4.05	36.6	4.10	37.5	4.13
	18	25.2	2.58	29.9	3.21	32.7	3.84	33.7	4.10	34.7	4.26	36.6	4.31	37.5	4.34
	20	25.2	2.67	29.9	3.40	32.7	4.04	33.7	4.32	34.7	4.48	36.6	4.54	37.5	4.58
	21	25.2	2.75	29.9	3.53	32.7	4.15	33.7	4.45	34.7	4.63	36.6	4.69	37.5	4.73
	23	25.2	2.94	29.9	3.77	32.7	4.45	33.7	4.72	34.7	4.94	36.6	4.99	37.5	5.03
	25	25.2	3.15	29.9	4.04	32.7	4.70	33.7	5.04	34.7	5.30	36.2	5.34	37.0	5.38
	27	25.2	3.36	29.9	4.32	32.7	5.00	33.7	5.38	34.7	5.69	35.6	5.73	36.5	5.77
	29	25.2	3.58	29.9	4.61	32.7	5.26	33.7	5.76	34.2	6.06	35.1	6.16	36.0	6.21
	31	25.2	3.82	29.9	4.93	32.7	5.53	33.3	6.17	33.7	6.51	34.6	6.62	35.5	6.67
	33	25.2	4.06	29.9	5.25	32.3	5.85	32.7	6.69	33.2	6.99	34.1	7.06	34.9	7.12
	35	25.2	4.32	29.9	5.60	31.7	6.19	32.2	7.38	32.7	7.41	33.6	7.43	34.5	7.49
	37	25.2	4.65	29.9	5.91	31.3	6.60	31.7	7.22	32.2	7.26	33.1	7.28	33.9	7.34
	39	25.2	5.00	29.8	6.24	30.7	7.00	31.2	7.07	31.6	7.11	32.6	7.13	33.5	7.18
	41	24.5	5.36	28.5	6.58	29.5	6.86	29.9	6.92	30.4	6.96	31.2	6.98	32.1	7.03
	43	23.9	5.72	27.3	6.48	28.3	6.71	28.7	6.77	29.1	6.81	30.0	6.83	30.8	6.88
	46	22.4	6.15	24.9	6.33	25.8	6.50	26.2	6.55	26.6	6.59	27.4	6.60	28.2	6.66
	48	19.8	6.03	21.6	6.22	22.5	6.37	22.8	6.41	23.1	6.43	23.9	6.46	24.6	6.48
110	10	22.6	2.03	26.9	2.47	30.0	2.93	30.9	3.17	32.9	3.42	33.6	3.51	35.9	3.57
	12	22.6	2.09	26.9	2.55	30.0	3.05	30.9	3.26	32.9	3.54	33.6	3.66	35.9	3.74
	14	22.6	2.15	26.9	2.67	30.0	3.19	30.9	3.42	32.9	3.72	33.6	3.83	35.9	3.91
	16	22.6	2.23	26.9	2.76	30.0	3.32	30.9	3.57	32.9	3.89	33.6	4.00	35.9	4.07
	18	22.6	2.31	26.9	2.88	30.0	3.52	30.9	3.76	32.9	4.11	33.6	4.19	35.9	4.27
	20	22.6	2.40	26.9	3.02	30.0	3.73	30.9	3.94	32.9	4.31	33.6	4.41	35.9	4.48
	21	22.6	2.45	26.9	3.11	30.0	3.82	30.9	4.04	32.9	4.43	33.6	4.54	35.9	4.61
	23	22.6	2.61	26.9	3.34	30.0	4.04	30.9	4.27	32.9	4.68	33.6	4.78	35.9	4.86
	25	22.6	2.79	26.9	3.56	30.0	4.27	30.9	4.51	32.9	4.94	33.6	5.01	35.5	5.11
	27	22.6	2.98	26.9	3.81	30.0	4.51	30.9	4.78	32.9	5.16	33.6	5.28	34.9	5.37
	29	22.6	3.18	26.9	4.06	30.0	4.76	30.9	5.06	32.9	5.45	33.6	5.55	34.5	5.63
	31	22.6	3.38	26.9	4.33	30.0	5.03	30.9	5.36	32.3	5.73	33.2	5.84	34.0	5.90
	33	22.6	3.60	26.9	4.61	30.0	5.32	30.9	5.68	31.9	6.05	32.6	6.15	33.5	6.19
	35	22.6	3.83	26.9	4.93	30.0	5.62	30.9	6.02	31.3	6.39	32.1	6.45	33.0	6.48
	37	22.6	4.06	26.9	5.23	30.0	5.93	30.5	6.37	30.8	6.74	31.7	6.76	32.4	6.78
	39	22.6	4.37	26.9	5.56	29.5	6.26	29.9	6.82	30.4	7.07	31.1	7.08	32.0	7.09
	41	22.0	4.69	26.2	5.88	28.2	6.60	28.7	7.38	29.1	7.38	29.9	7.43	30.6	7.49
	43	21.4	4.93	25.6	6.13	27.1	7.00	27.5	7.07	27.9	7.06	28.7	7.10	29.4	7.12
	46	20.1	4.81	24.0	5.92	24.7	6.64	25.1	6.64	25.4	6.70	26.2	6.73	26.9	6.75
	48	17.8	4.67	20.8	5.70	21.4	6.32	21.8	6.36	22.1	6.39	22.8	6.41	23.4	6.43

7. Capacity Tables

Cooling Capacity (8RT)

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	1.82	22.6	2.22	26.3	2.63	28.1	2.84	29.9	3.05	33.2	3.40	33.9	3.43
	12	19.0	1.88	22.6	2.31	26.3	2.72	28.1	2.92	29.9	3.15	33.2	3.58	33.9	3.62
	14	19.0	1.94	22.6	2.40	26.3	2.83	28.1	3.04	29.9	3.29	33.2	3.78	33.9	3.82
	16	19.0	2.00	22.6	2.48	26.3	2.95	28.1	3.19	29.9	3.46	33.2	3.96	33.9	4.02
	18	19.0	2.06	22.6	2.57	26.3	3.07	28.1	3.34	29.9	3.67	33.2	4.19	33.9	4.22
	20	19.0	2.13	22.6	2.67	26.3	3.25	28.1	3.58	29.9	3.93	33.2	4.39	33.9	4.42
	21	19.0	2.18	22.6	2.73	26.3	3.36	28.1	3.71	29.9	4.08	33.2	4.49	33.9	4.53
	23	19.0	2.31	22.6	2.92	26.3	3.60	28.1	3.97	29.9	4.37	33.2	4.70	33.9	4.74
	25	19.0	2.45	22.6	3.11	26.3	3.85	28.1	4.25	29.9	4.67	33.2	4.90	33.6	4.94
	27	19.0	2.62	22.6	3.33	26.3	4.12	28.1	4.55	29.9	4.96	32.5	5.13	33.2	5.17
	29	19.0	2.79	22.6	3.55	26.3	4.40	28.1	4.86	29.9	5.25	31.9	5.34	32.7	5.38
	31	19.0	2.98	22.6	3.78	26.3	4.69	28.1	5.18	29.9	5.52	31.4	5.55	32.2	5.59
	33	19.0	3.16	22.6	4.03	26.3	5.00	28.1	5.53	29.9	5.73	30.9	5.75	31.7	5.80
	35	19.0	3.36	22.6	4.29	26.3	5.33	28.1	5.90	29.4	5.94	30.4	5.96	31.1	6.01
	37	19.0	3.60	22.6	4.60	26.3	5.64	28.1	6.18	29.0	6.21	29.8	6.24	30.5	6.29
	39	19.0	3.86	22.6	4.94	26.3	5.98	28.1	6.48	28.5	6.51	29.3	6.54	30.0	6.60
	41	18.7	4.12	22.2	5.28	25.9	6.32	27.0	6.79	27.6	6.81	28.2	6.84	29.1	6.90
	43	18.0	4.36	21.5	5.60	25.0	6.62	25.9	7.04	26.1	7.07	27.0	7.09	27.7	7.16
	46	16.9	4.69	20.1	6.04	23.4	7.02	23.6	7.38	23.9	7.40	24.6	7.42	25.3	7.49
	48	14.9	4.05	17.8	5.22	20.2	6.00	20.5	6.26	20.7	6.28	21.4	6.29	22.0	6.34
90	10	17.1	1.57	20.4	1.89	23.7	2.23	25.3	2.41	26.9	2.59	30.2	2.90	33.5	3.22
	12	17.1	1.59	20.4	1.92	23.7	2.27	25.3	2.45	26.9	2.65	30.2	2.96	33.5	3.28
	14	17.1	1.62	20.4	1.96	23.7	2.32	25.3	2.50	26.9	2.70	30.2	3.01	33.5	3.35
	16	17.1	1.65	20.4	2.00	23.7	2.37	25.3	2.55	26.9	2.74	30.2	3.07	33.5	3.40
	18	17.1	1.68	20.4	2.04	23.7	2.41	25.3	2.61	26.9	2.80	30.2	3.14	33.5	3.57
	20	17.1	1.71	20.4	2.08	23.7	2.45	25.3	2.66	26.9	2.91	30.2	3.36	33.5	3.75
	21	17.1	1.73	20.4	2.10	23.7	2.50	25.3	2.74	26.9	3.01	30.2	3.41	33.5	3.83
	23	17.1	1.77	20.4	2.18	23.7	2.68	25.3	2.95	26.9	3.23	30.2	3.62	33.1	4.01
	25	17.1	1.85	20.4	2.33	23.7	2.86	25.3	3.15	26.9	3.45	30.2	3.87	32.6	4.18
	27	17.1	1.98	20.4	2.48	23.7	3.05	25.3	3.36	26.9	3.69	30.2	4.11	32.1	4.38
	29	17.1	2.10	20.4	2.65	23.7	3.27	25.3	3.59	26.9	3.94	30.2	4.36	31.6	4.56
	31	17.1	2.23	20.4	2.82	23.7	3.48	25.3	3.83	26.9	4.20	30.2	4.57	31.1	4.73
	33	17.1	2.38	20.4	3.00	23.7	3.71	25.3	4.08	26.9	4.46	30.2	4.79	30.7	4.91
	35	17.1	2.52	20.4	3.19	23.7	3.94	25.3	4.35	26.9	4.73	29.7	5.07	30.2	5.19
	37	17.1	2.68	20.4	3.39	23.7	4.20	25.3	4.62	26.9	4.99	29.2	5.30	29.7	5.42
	39	17.1	2.83	20.4	3.61	23.7	4.45	25.3	4.91	26.9	5.25	28.7	5.59	29.2	5.65
	41	16.6	3.17	19.9	4.00	23.1	4.88	24.6	5.37	26.2	5.66	27.5	5.89	28.0	6.02
	43	16.2	3.42	19.4	4.32	22.5	5.33	24.0	5.79	25.6	6.07	26.4	6.31	26.9	6.38
	46	15.2	3.85	18.1	4.92	21.1	6.08	22.5	6.56	23.2	6.75	24.1	6.92	24.5	6.93
	48	13.4	3.37	16.0	4.30	18.7	5.32	19.9	5.72	20.2	5.81	20.9	5.96	21.3	5.97
80	10	15.2	1.36	18.1	1.63	21.0	1.91	22.5	2.06	24.0	2.22	26.9	2.53	29.8	2.74
	12	15.2	1.39	18.1	1.65	21.0	1.95	22.5	2.10	24.0	2.25	26.9	2.57	29.8	2.80
	14	15.2	1.40	18.1	1.69	21.0	1.98	22.5	2.14	24.0	2.29	26.9	2.62	29.8	2.85
	16	15.2	1.42	18.1	1.72	21.0	2.02	22.5	2.18	24.0	2.34	26.9	2.68	29.8	2.91
	18	15.2	1.45	18.1	1.74	21.0	2.06	22.5	2.22	24.0	2.39	26.9	2.72	29.8	2.97
	20	15.2	1.48	18.1	1.78	21.0	2.10	22.5	2.26	24.0	2.43	26.9	2.83	29.8	3.15
	21	15.2	1.49	18.1	1.80	21.0	2.12	22.5	2.29	24.0	2.49	26.9	2.92	29.8	3.23
	23	15.2	1.52	18.1	1.83	21.0	2.22	22.5	2.43	24.0	2.66	26.9	3.08	29.8	3.39
	25	15.2	1.57	18.1	1.95	21.0	2.38	22.5	2.60	24.0	2.85	26.9	3.30	29.8	3.62
	27	15.2	1.67	18.1	2.07	21.0	2.54	22.5	2.78	24.0	3.04	26.9	3.50	29.8	3.81
	29	15.2	1.77	18.1	2.22	21.0	2.70	22.5	2.96	24.0	3.24	26.9	3.75	29.8	4.08
	31	15.2	1.89	18.1	2.35	21.0	2.88	22.5	3.16	24.0	3.45	26.9	3.98	29.8	4.29
	33	15.2	2.00	18.1	2.51	21.0	3.06	22.5	3.37	24.0	3.68	26.9	4.20	29.8	4.49
	35	15.2	2.12	18.1	2.66	21.0	3.26	22.5	3.58	24.0	3.92	26.9	4.45	29.5	4.66
	37	15.2	2.24	18.1	2.83	21.0	3.46	22.5	3.81	24.0	4.17	26.9	4.70	29.0	4.87
	39	15.2	2.37	18.1	2.99	21.0	3.70	22.5	4.10	24.0	4.48	26.9	4.96	28.5	5.14
	41	14.8	2.62	17.6	3.31	20.4	4.06	21.9	4.49	23.4	4.92	26.2	5.52	27.3	5.69
	43	14.4	2.89	17.2	3.61	19.9	4.43	21.4	4.89	22.8	5.38	25.6	5.91	26.2	6.09
	46	13.5	3.21	16.1	4.07	18.7	5.00	20.0	5.44	21.4	6.07	23.4	6.45	23.9	6.55
	48	11.9	2.81	14.2	3.56	16.5	4.37	17.7	4.76	18.9	5.31	20.3	5.58	20.8	5.64

7. Capacity Tables

Cooling Capacity (8RT)

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	13.2	1.23	15.9	1.46	18.4	1.69	19.7	1.83	21.0	1.95	23.5	2.22	26.1	2.48
	12	13.2	1.25	15.9	1.48	18.4	1.73	19.7	1.85	21.0	1.99	23.5	2.26	26.1	2.53
	14	13.2	1.27	15.9	1.50	18.4	1.76	19.7	1.88	21.0	2.02	23.5	2.31	26.1	2.58
	16	13.2	1.28	15.9	1.53	18.4	1.79	19.7	1.92	21.0	2.06	23.5	2.35	26.1	2.63
	18	13.2	1.30	15.9	1.55	18.4	1.83	19.7	1.96	21.0	2.10	23.5	2.39	26.1	2.68
	20	13.2	1.32	15.9	1.58	18.4	1.85	19.7	2.00	21.0	2.14	23.5	2.44	26.1	2.78
	21	13.2	1.34	15.9	1.59	18.4	1.87	19.7	2.02	21.0	2.16	23.5	2.48	26.1	2.84
	23	13.2	1.36	15.9	1.63	18.4	1.91	19.7	2.09	21.0	2.27	23.5	2.66	26.1	3.00
	25	13.2	1.38	15.9	1.69	18.4	2.04	19.7	2.23	21.0	2.42	23.5	2.84	26.1	3.14
	27	13.2	1.46	15.9	1.81	18.4	2.17	19.7	2.37	21.0	2.59	23.5	3.03	26.1	3.34
	29	13.2	1.55	15.9	1.91	18.4	2.31	19.7	2.52	21.0	2.75	23.5	3.24	26.1	3.58
	31	13.2	1.65	15.9	2.04	18.4	2.46	19.7	2.69	21.0	2.94	23.5	3.45	26.1	3.80
	33	13.2	1.75	15.9	2.15	18.4	2.62	19.7	2.86	21.0	3.12	23.5	3.67	26.1	4.04
	35	13.2	1.84	15.9	2.30	18.4	2.78	19.7	3.04	21.0	3.32	23.5	3.91	26.1	4.29
	37	13.2	1.96	15.9	2.43	18.4	2.95	19.7	3.24	21.0	3.53	23.5	4.16	26.1	4.53
	39	13.2	2.08	15.9	2.60	18.4	3.16	19.7	3.48	21.0	3.82	23.5	4.45	26.1	4.88
	41	12.9	2.30	15.5	2.84	17.9	3.47	19.2	3.82	20.4	4.15	22.9	4.89	25.4	5.26
	43	12.6	2.51	15.1	3.10	17.5	3.78	18.7	4.16	19.9	4.53	22.3	5.34	24.8	5.69
	46	11.8	2.78	14.1	3.48	16.4	4.26	17.5	4.64	18.7	5.11	20.9	6.03	23.2	6.34
	48	10.4	2.43	12.5	3.04	14.5	3.72	15.5	4.05	16.5	4.47	18.5	5.28	20.6	5.49
60	10	11.3	1.09	13.5	1.28	15.8	1.48	16.9	1.59	18.0	1.69	20.2	1.92	22.4	2.15
	12	11.3	1.11	13.5	1.29	15.8	1.50	16.9	1.61	18.0	1.72	20.2	1.95	22.4	2.18
	14	11.3	1.12	13.5	1.31	15.8	1.53	16.9	1.64	18.0	1.75	20.2	1.99	22.4	2.22
	16	11.3	1.14	13.5	1.34	15.8	1.55	16.9	1.67	18.0	1.79	20.2	2.03	22.4	2.26
	18	11.3	1.16	13.5	1.36	15.8	1.58	16.9	1.70	18.0	1.82	20.2	2.06	22.4	2.31
	20	11.3	1.18	13.5	1.38	15.8	1.61	16.9	1.73	18.0	1.85	20.2	2.10	22.4	2.36
	21	11.3	1.19	13.5	1.39	15.8	1.63	16.9	1.75	18.0	1.87	20.2	2.13	22.4	2.38
	23	11.3	1.21	13.5	1.42	15.8	1.65	16.9	1.78	18.0	1.91	20.2	2.20	22.4	2.53
	25	11.3	1.23	13.5	1.45	15.8	1.72	16.9	1.87	18.0	2.03	20.2	2.35	22.4	2.71
	27	11.3	1.27	13.5	1.53	15.8	1.83	16.9	1.99	18.0	2.15	20.2	2.50	22.4	2.89
	29	11.3	1.34	13.5	1.63	15.8	1.95	16.9	2.12	18.0	2.29	20.2	2.67	22.4	3.08
	31	11.3	1.42	13.5	1.73	15.8	2.07	16.9	2.25	18.0	2.44	20.2	2.85	22.4	3.28
	33	11.3	1.50	13.5	1.83	15.8	2.19	16.9	2.39	18.0	2.60	20.2	3.02	22.4	3.50
	35	11.3	1.59	13.5	1.95	15.8	2.33	16.9	2.54	18.0	2.76	20.2	3.22	22.4	3.72
	37	11.3	1.68	13.5	2.06	15.8	2.47	16.9	2.70	18.0	2.93	20.2	3.42	22.4	3.95
	39	11.3	1.79	13.5	2.19	15.8	2.67	16.9	2.90	18.0	3.15	20.2	3.67	22.4	4.24
	41	11.1	1.94	13.2	2.39	15.4	2.90	16.4	3.16	17.5	3.42	19.7	4.02	21.8	4.60
	43	10.8	2.11	12.9	2.61	15.0	3.16	16.0	3.45	17.1	3.73	19.2	4.39	21.3	5.03
	46	10.1	2.36	12.1	2.93	14.0	3.55	15.0	3.87	16.0	4.19	18.0	4.95	19.9	5.73
	48	8.9	2.06	10.7	2.55	12.4	3.10	13.3	3.38	14.2	3.67	15.9	4.33	17.6	5.01
50	10	9.5	0.96	11.3	1.11	13.1	1.26	14.1	1.36	15.0	1.44	16.8	1.62	18.7	1.80
	12	9.5	0.97	11.3	1.12	13.1	1.28	14.1	1.38	15.0	1.47	16.8	1.65	18.7	1.83
	14	9.5	0.98	11.3	1.14	13.1	1.30	14.1	1.40	15.0	1.49	16.8	1.67	18.7	1.86
	16	9.5	1.00	11.3	1.16	13.1	1.32	14.1	1.43	15.0	1.51	16.8	1.70	18.7	1.89
	18	9.5	1.01	11.3	1.17	13.1	1.35	14.1	1.45	15.0	1.54	16.8	1.73	18.7	1.93
	20	9.5	1.02	11.3	1.19	13.1	1.38	14.1	1.47	15.0	1.57	16.8	1.76	18.7	1.97
	21	9.5	1.03	11.3	1.20	13.1	1.39	14.1	1.49	15.0	1.58	16.8	1.78	18.7	1.99
	23	9.5	1.05	11.3	1.22	13.1	1.41	14.1	1.51	15.0	1.61	16.8	1.81	18.7	2.03
	25	9.5	1.06	11.3	1.24	13.1	1.44	14.1	1.54	15.0	1.66	16.8	1.90	18.7	2.17
	27	9.5	1.08	11.3	1.28	13.1	1.52	14.1	1.64	15.0	1.76	16.8	2.03	18.7	2.32
	29	9.5	1.14	11.3	1.37	13.1	1.61	14.1	1.74	15.0	1.87	16.8	2.15	18.7	2.46
	31	9.5	1.20	11.3	1.45	13.1	1.71	14.1	1.84	15.0	1.99	16.8	2.30	18.7	2.62
	33	9.5	1.27	11.3	1.53	13.1	1.81	14.1	1.95	15.0	2.11	16.8	2.44	18.7	2.79
	35	9.5	1.35	11.3	1.62	13.1	1.91	14.1	2.07	15.0	2.24	16.8	2.58	18.7	2.96
	37	9.5	1.43	11.3	1.71	13.1	2.02	14.1	2.19	15.0	2.37	16.8	2.75	18.7	3.15
	39	9.5	1.52	11.3	1.83	13.1	2.17	14.1	2.36	15.0	2.54	16.8	2.93	18.7	3.40
	41	9.2	1.64	11.1	1.98	12.8	2.37	13.7	2.56	14.6	2.75	16.3	3.21	18.2	3.69
	43	9.0	1.79	10.8	2.16	12.5	2.58	13.4	2.79	14.2	3.00	15.9	3.50	17.7	4.02
	46	8.4	2.00	10.1	2.42	11.7	2.89	12.5	3.13	13.3	3.36	14.9	3.94	16.6	4.53
	48	7.5	1.74	8.9	2.11	10.4	2.52	11.1	2.73	11.8	2.93	13.2	3.44	14.7	3.96

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

◆ ARUV121BTE5 / ARUV121DTE5

Cooling Capacity (10RT)

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	34.9	3.61	41.5	4.41	44.5	5.12	45.8	5.22	47.1	5.26	49.3	5.31	50.6	5.33
	12	34.9	3.70	41.5	4.57	44.5	5.33	45.8	5.36	47.1	5.41	49.3	5.45	50.6	5.50
	14	34.9	3.82	41.5	4.74	44.5	5.53	45.8	5.57	47.1	5.61	49.3	5.66	50.6	5.71
	16	34.9	3.96	41.5	4.90	44.5	5.78	45.8	5.83	47.1	5.88	49.3	5.93	50.6	5.98
	18	34.9	4.13	41.5	5.18	44.5	6.04	45.8	6.17	47.1	6.22	49.3	6.28	50.6	6.33
	20	34.9	4.31	41.5	5.52	44.5	6.34	45.8	6.79	47.1	6.84	48.6	6.91	49.9	6.96
	21	34.9	4.42	41.5	5.72	44.5	6.47	45.8	7.18	47.1	7.24	48.3	7.31	49.6	7.36
	23	34.9	4.75	41.5	6.01	44.5	6.81	45.8	7.93	46.5	7.99	47.6	8.07	48.9	8.13
	25	34.9	5.07	41.5	6.36	44.5	7.28	45.2	8.79	45.8	8.86	47.1	8.95	48.3	9.01
	27	34.9	5.43	41.5	6.80	43.9	7.75	44.5	9.68	45.2	9.76	46.5	9.85	47.6	9.92
	29	34.9	5.78	41.5	7.27	43.2	8.34	43.9	10.64	44.5	10.70	45.8	10.80	47.1	10.84
	31	34.9	6.17	41.4	7.66	42.5	8.87	43.2	10.59	43.9	10.66	45.1	10.75	46.3	10.79
	33	34.9	6.57	40.7	8.11	41.9	9.52	42.6	10.50	43.2	10.56	44.5	10.65	45.6	10.70
	35	34.9	7.01	40.0	8.49	41.2	10.31	41.9	10.36	42.6	10.42	43.8	10.51	45.1	10.56
	37	34.9	7.47	39.4	8.91	40.7	10.17	41.2	10.22	41.9	10.28	43.1	10.38	44.4	10.42
	39	34.9	7.96	38.7	9.38	40.0	10.04	40.7	10.09	41.2	10.15	42.5	10.24	43.8	10.28
	41	34.0	8.44	37.1	9.85	38.3	9.90	38.9	9.95	39.7	10.01	40.9	10.10	42.0	10.14
	43	33.1	8.90	35.5	9.71	36.8	9.76	37.3	9.81	38.1	9.87	39.3	9.96	40.3	10.00
	46	31.0	9.53	32.4	9.51	33.6	9.56	34.1	9.61	34.8	9.66	35.9	9.75	36.9	9.79
	48	27.5	9.26	28.2	9.29	29.2	9.31	29.7	9.34	30.3	9.42	31.3	9.48	32.2	9.52
120	10	31.5	3.25	37.5	3.98	41.0	4.73	42.2	5.11	43.5	5.19	45.9	5.22	47.0	5.26
	12	31.5	3.34	37.5	4.12	41.0	4.92	42.2	5.22	43.5	5.39	45.9	5.45	47.0	5.50
	14	31.5	3.45	37.5	4.26	41.0	5.12	42.2	5.42	43.5	5.58	45.9	5.67	47.0	5.71
	16	31.5	3.57	37.5	4.43	41.0	5.32	42.2	5.62	43.5	5.84	45.9	5.91	47.0	5.96
	18	31.5	3.71	37.5	4.63	41.0	5.53	42.2	5.92	43.5	6.14	45.9	6.21	47.0	6.26
	20	31.5	3.86	37.5	4.91	41.0	5.83	42.2	6.23	43.5	6.47	45.9	6.55	47.0	6.61
	21	31.5	3.97	37.5	5.09	41.0	5.99	42.2	6.41	43.5	6.68	45.9	6.77	47.0	6.82
	23	31.5	4.25	37.5	5.44	41.0	6.42	42.2	6.81	43.5	7.12	45.9	7.19	47.0	7.25
	25	31.5	4.54	37.5	5.83	41.0	6.77	42.2	7.26	43.5	7.64	45.3	7.70	46.4	7.76
	27	31.5	4.84	37.5	6.23	41.0	7.21	42.2	7.76	43.5	8.21	44.6	8.26	45.7	8.33
	29	31.5	5.17	37.5	6.65	41.0	7.58	42.2	8.30	42.8	8.75	43.9	8.88	45.2	8.95
	31	31.5	5.51	37.5	7.11	41.0	7.98	41.7	8.90	42.2	9.38	43.4	9.55	44.5	9.63
	33	31.5	5.86	37.5	7.57	40.4	8.44	41.0	9.66	41.5	10.07	42.7	10.19	43.8	10.27
	35	31.5	6.23	37.5	8.07	39.7	8.93	40.3	10.64	41.0	10.69	42.1	10.72	43.2	10.81
	37	31.5	6.70	37.5	8.52	39.2	9.52	39.7	10.41	40.3	10.47	41.4	10.50	42.5	10.58
	39	31.5	7.22	37.4	9.00	38.5	10.10	39.0	10.20	39.6	10.25	40.9	10.28	42.0	10.36
	41	30.7	7.73	35.7	9.49	37.0	9.90	37.5	9.99	38.0	10.04	39.1	10.07	40.2	10.15
	43	30.0	8.25	34.2	9.35	35.4	9.68	35.9	9.77	36.5	9.82	37.6	9.85	38.6	9.93
	46	28.1	8.87	31.2	9.13	32.4	9.37	32.8	9.45	33.3	9.50	34.3	9.53	35.4	9.60
	48	24.9	8.69	27.1	8.97	28.1	9.19	28.6	9.25	29.0	9.28	29.9	9.31	30.8	9.35
110	10	28.3	2.92	33.7	3.56	37.6	4.23	38.7	4.58	41.2	4.93	42.1	5.06	45.0	5.15
	12	28.3	3.01	33.7	3.68	37.6	4.40	38.7	4.71	41.2	5.11	42.1	5.28	45.0	5.40
	14	28.3	3.11	33.7	3.85	37.6	4.60	38.7	4.94	41.2	5.37	42.1	5.52	45.0	5.64
	16	28.3	3.22	33.7	3.99	37.6	4.79	38.7	5.16	41.2	5.62	42.1	5.77	45.0	5.87
	18	28.3	3.34	33.7	4.15	37.6	5.07	38.7	5.43	41.2	5.92	42.1	6.04	45.0	6.15
	20	28.3	3.46	33.7	4.36	37.6	5.38	38.7	5.68	41.2	6.21	42.1	6.37	45.0	6.47
	21	28.3	3.53	33.7	4.49	37.6	5.52	38.7	5.83	41.2	6.39	42.1	6.55	45.0	6.65
	23	28.3	3.76	33.7	4.81	37.6	5.82	38.7	6.16	41.2	6.75	42.1	6.89	45.0	7.00
	25	28.3	4.02	33.7	5.14	37.6	6.15	38.7	6.51	41.2	7.13	42.1	7.23	44.4	7.38
	27	28.3	4.30	33.7	5.49	37.6	6.50	38.7	6.89	41.2	7.44	42.1	7.61	43.8	7.74
	29	28.3	4.59	33.7	5.86	37.6	6.87	38.7	7.29	41.2	7.87	42.1	8.00	43.2	8.12
	31	28.3	4.88	33.7	6.25	37.6	7.26	38.7	7.73	40.5	8.27	41.6	8.43	42.5	8.52
	33	28.3	5.20	33.7	6.65	37.6	7.67	38.7	8.19	39.9	8.73	40.9	8.87	42.0	8.92
	35	28.3	5.52	33.7	7.11	37.6	8.10	38.7	8.68	39.3	9.21	40.2	9.30	41.3	9.34
	37	28.3	5.85	33.7	7.54	37.6	8.55	38.2	9.19	38.6	9.72	39.7	9.75	40.6	9.78
	39	28.3	6.31	33.7	8.01	37.0	9.02	37.5	9.83	38.0	10.20	39.0	10.21	40.1	10.22
	41	27.5	6.77	32.8	8.49	35.4	9.52	35.9	10.64	36.4	10.64	37.5	10.72	38.4	10.81
	43	26.9	7.11	32.0	8.84	33.9	10.09	34.5	10.20	34.9	10.18	35.9	10.24	36.8	10.27
	46	25.2	6.94	30.0	8.53	30.9	9.58	31.5	9.58	31.9	9.66	32.9	9.71	33.7	9.74
	48	22.3	6.74	26.1	8.22	26.9	9.11	27.4	9.17	27.7	9.22	28.6	9.24	29.3	9.28

7. Capacity Tables

Cooling Capacity (10RT)

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	2.63	28.3	3.20	32.9	3.79	35.2	4.10	37.5	4.40	41.5	4.90	42.4	4.94
	12	23.8	2.71	28.3	3.33	32.9	3.92	35.2	4.21	37.5	4.54	41.5	5.17	42.4	5.22
	14	23.8	2.80	28.3	3.46	32.9	4.09	35.2	4.39	37.5	4.74	41.5	5.45	42.4	5.51
	16	23.8	2.88	28.3	3.58	32.9	4.26	35.2	4.60	37.5	5.00	41.5	5.72	42.4	5.80
	18	23.8	2.97	28.3	3.71	32.9	4.43	35.2	4.82	37.5	5.30	41.5	6.04	42.4	6.09
	20	23.8	3.08	28.3	3.85	32.9	4.68	35.2	5.17	37.5	5.67	41.5	6.33	42.4	6.38
	21	23.8	3.14	28.3	3.94	32.9	4.84	35.2	5.34	37.5	5.88	41.5	6.48	42.4	6.53
	23	23.8	3.33	28.3	4.21	32.9	5.20	35.2	5.73	37.5	6.30	41.5	6.78	42.4	6.83
	25	23.8	3.54	28.3	4.49	32.9	5.55	35.2	6.14	37.5	6.73	41.5	7.07	42.1	7.13
	27	23.8	3.78	28.3	4.80	32.9	5.94	35.2	6.56	37.5	7.16	40.7	7.40	41.6	7.46
	29	23.8	4.02	28.3	5.12	32.9	6.35	35.2	7.01	37.5	7.58	40.0	7.70	41.0	7.76
	31	23.8	4.30	28.3	5.46	32.9	6.77	35.2	7.48	37.5	7.96	39.4	8.00	40.3	8.06
	33	23.8	4.55	28.3	5.81	32.9	7.22	35.2	7.98	37.5	8.26	38.7	8.30	39.7	8.36
	35	23.8	4.84	28.3	6.18	32.9	7.69	35.2	8.51	36.9	8.56	38.0	8.59	39.0	8.66
	37	23.8	5.19	28.3	6.63	32.9	8.14	35.2	8.92	36.3	8.96	37.3	8.99	38.2	9.08
	39	23.8	5.56	28.3	7.13	32.9	8.63	35.2	9.35	35.7	9.39	36.7	9.43	37.6	9.52
	41	23.4	5.94	27.8	7.62	32.4	9.11	33.8	9.79	34.5	9.83	35.3	9.86	36.5	9.95
	43	22.6	6.28	26.9	8.08	31.3	9.55	32.4	10.16	32.8	10.20	33.8	10.23	34.7	10.33
	46	21.2	6.76	25.2	8.71	29.3	10.13	29.6	10.64	29.9	10.67	30.8	10.70	31.7	10.80
	48	18.7	5.84	22.3	7.53	25.3	8.66	25.7	9.03	26.0	9.06	26.8	9.08	27.5	9.15
90	10	21.4	2.26	25.5	2.72	29.7	3.21	31.7	3.46	33.7	3.72	37.8	4.16	42.0	4.63
	12	21.4	2.29	25.5	2.76	29.7	3.26	31.7	3.53	33.7	3.80	37.8	4.25	42.0	4.71
	14	21.4	2.33	25.5	2.82	29.7	3.33	31.7	3.60	33.7	3.87	37.8	4.33	42.0	4.81
	16	21.4	2.37	25.5	2.87	29.7	3.40	31.7	3.67	33.7	3.94	37.8	4.41	42.0	4.89
	18	21.4	2.42	25.5	2.93	29.7	3.46	31.7	3.75	33.7	4.03	37.8	4.51	42.0	5.14
	20	21.4	2.46	25.5	2.99	29.7	3.53	31.7	3.82	33.7	4.18	37.8	4.82	42.0	5.38
	21	21.4	2.49	25.5	3.01	29.7	3.60	31.7	3.94	33.7	4.33	37.8	4.90	42.0	5.51
	23	21.4	2.54	25.5	3.14	29.7	3.85	31.7	4.23	33.7	4.64	37.8	5.20	41.4	5.77
	25	21.4	2.67	25.5	3.35	29.7	4.11	31.7	4.53	33.7	4.96	37.8	5.56	40.8	6.01
	27	21.4	2.85	25.5	3.57	29.7	4.39	31.7	4.83	33.7	5.30	37.8	5.91	40.2	6.29
	29	21.4	3.01	25.5	3.80	29.7	4.69	31.7	5.16	33.7	5.66	37.8	6.26	39.6	6.55
	31	21.4	3.21	25.5	4.05	29.7	5.00	31.7	5.50	33.7	6.04	37.8	6.57	39.0	6.80
	33	21.4	3.42	25.5	4.32	29.7	5.33	31.7	5.86	33.7	6.41	37.8	6.89	38.4	7.05
	35	21.4	3.62	25.5	4.58	29.7	5.66	31.7	6.25	33.7	6.79	37.2	7.29	37.8	7.45
	37	21.4	3.85	25.5	4.87	29.7	6.04	31.7	6.64	33.7	7.17	36.6	7.62	37.2	7.79
	39	21.4	4.07	25.5	5.18	29.7	6.39	31.7	7.06	33.7	7.54	36.0	8.03	36.6	8.13
	41	20.8	4.56	24.9	5.75	28.9	7.02	30.9	7.72	32.8	8.14	34.5	8.46	35.1	8.66
	43	20.3	4.92	24.3	6.21	28.2	7.66	30.1	8.32	32.0	8.73	33.1	9.06	33.7	9.17
	46	19.0	5.54	22.7	7.07	26.4	8.73	28.2	9.43	29.1	9.70	30.2	9.95	30.8	9.96
	48	16.8	4.84	20.1	6.19	23.4	7.64	25.0	8.23	25.3	8.36	26.2	8.56	26.7	8.57
80	10	19.0	1.95	22.6	2.35	26.3	2.75	28.2	2.97	30.0	3.19	33.7	3.63	37.3	3.95
	12	19.0	1.99	22.6	2.37	26.3	2.81	28.2	3.02	30.0	3.24	33.7	3.70	37.3	4.02
	14	19.0	2.02	22.6	2.43	26.3	2.85	28.2	3.08	30.0	3.30	33.7	3.77	37.3	4.10
	16	19.0	2.05	22.6	2.47	26.3	2.90	28.2	3.13	30.0	3.36	33.7	3.85	37.3	4.18
	18	19.0	2.09	22.6	2.51	26.3	2.96	28.2	3.19	30.0	3.43	33.7	3.92	37.3	4.27
	20	19.0	2.13	22.6	2.56	26.3	3.02	28.2	3.25	30.0	3.50	33.7	4.07	37.3	4.52
	21	19.0	2.14	22.6	2.59	26.3	3.05	28.2	3.30	30.0	3.58	33.7	4.20	37.3	4.65
	23	19.0	2.18	22.6	2.63	26.3	3.19	28.2	3.50	30.0	3.82	33.7	4.43	37.3	4.88
	25	19.0	2.26	22.6	2.81	26.3	3.42	28.2	3.74	30.0	4.10	33.7	4.74	37.3	5.21
	27	19.0	2.40	22.6	2.98	26.3	3.65	28.2	4.00	30.0	4.37	33.7	5.04	37.3	5.48
	29	19.0	2.55	22.6	3.19	26.3	3.88	28.2	4.26	30.0	4.66	33.7	5.40	37.3	5.87
	31	19.0	2.71	22.6	3.38	26.3	4.14	28.2	4.54	30.0	4.96	33.7	5.73	37.3	6.16
	33	19.0	2.87	22.6	3.61	26.3	4.41	28.2	4.84	30.0	5.29	33.7	6.04	37.3	6.46
	35	19.0	3.05	22.6	3.82	26.3	4.69	28.2	5.15	30.0	5.64	33.7	6.40	36.9	6.70
	37	19.0	3.23	22.6	4.07	26.3	4.98	28.2	5.48	30.0	5.99	33.7	6.75	36.3	7.00
	39	19.0	3.41	22.6	4.30	26.3	5.32	28.2	5.89	30.0	6.44	33.7	7.14	35.7	7.39
	41	18.5	3.77	22.0	4.76	25.6	5.84	27.4	6.46	29.3	7.08	32.8	7.94	34.2	8.19
	43	18.0	4.15	21.5	5.20	25.0	6.38	26.8	7.04	28.6	7.73	32.0	8.50	32.8	8.76
	46	16.9	4.62	20.2	5.85	23.4	7.19	25.1	7.83	26.8	8.73	29.3	9.28	30.0	9.43
	48	15.0	4.04	17.8	5.12	20.7	6.28	22.2	6.84	23.7	7.64	25.4	8.03	26.0	8.11

7. Capacity Tables

Cooling Capacity (10RT)

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	1.76	19.9	2.10	23.0	2.43	24.6	2.63	26.3	2.81	29.4	3.20	32.7	3.58
	12	16.6	1.79	19.9	2.13	23.0	2.49	24.6	2.67	26.3	2.86	29.4	3.25	32.7	3.64
	14	16.6	1.82	19.9	2.15	23.0	2.53	24.6	2.71	26.3	2.90	29.4	3.32	32.7	3.71
	16	16.6	1.85	19.9	2.20	23.0	2.57	24.6	2.77	26.3	2.96	29.4	3.38	32.7	3.79
	18	16.6	1.88	19.9	2.24	23.0	2.63	24.6	2.82	26.3	3.02	29.4	3.43	32.7	3.86
	20	16.6	1.90	19.9	2.28	23.0	2.67	24.6	2.88	26.3	3.09	29.4	3.52	32.7	4.00
	21	16.6	1.93	19.9	2.29	23.0	2.70	24.6	2.90	26.3	3.11	29.4	3.57	32.7	4.09
	23	16.6	1.96	19.9	2.35	23.0	2.75	24.6	3.00	26.3	3.27	29.4	3.82	32.7	4.32
	25	16.6	1.99	19.9	2.43	23.0	2.93	24.6	3.21	26.3	3.49	29.4	4.09	32.7	4.53
	27	16.6	2.10	19.9	2.60	23.0	3.13	24.6	3.40	26.3	3.72	29.4	4.36	32.7	4.81
	29	16.6	2.24	19.9	2.75	23.0	3.32	24.6	3.63	26.3	3.96	29.4	4.66	32.7	5.15
	31	16.6	2.38	19.9	2.93	23.0	3.54	24.6	3.88	26.3	4.22	29.4	4.96	32.7	5.47
	33	16.6	2.52	19.9	3.10	23.0	3.77	24.6	4.11	26.3	4.49	29.4	5.28	32.7	5.82
	35	16.6	2.65	19.9	3.31	23.0	4.00	24.6	4.38	26.3	4.78	29.4	5.63	32.7	6.17
	37	16.6	2.82	19.9	3.50	23.0	4.25	24.6	4.66	26.3	5.09	29.4	5.99	32.7	6.51
	39	16.6	3.00	19.9	3.74	23.0	4.55	24.6	5.01	26.3	5.49	29.4	6.41	32.7	7.02
	41	16.2	3.31	19.4	4.09	22.4	4.99	24.0	5.49	25.6	5.97	28.7	7.04	31.8	7.57
	43	15.8	3.61	18.9	4.46	21.9	5.44	23.4	5.99	25.0	6.52	28.0	7.69	31.1	8.19
	46	14.8	4.01	17.7	5.02	20.5	6.13	21.9	6.67	23.4	7.35	26.2	8.68	29.1	9.13
	48	13.1	3.50	15.6	4.38	18.1	5.36	19.4	5.83	20.7	6.43	23.2	7.59	25.8	7.90
60	10	14.2	1.57	17.0	1.84	19.7	2.14	21.1	2.29	22.5	2.43	25.3	2.76	28.0	3.09
	12	14.2	1.59	17.0	1.86	19.7	2.16	21.1	2.32	22.5	2.48	25.3	2.80	28.0	3.15
	14	14.2	1.61	17.0	1.89	19.7	2.21	21.1	2.36	22.5	2.52	25.3	2.86	28.0	3.20
	16	14.2	1.64	17.0	1.94	19.7	2.23	21.1	2.41	22.5	2.58	25.3	2.92	28.0	3.26
	18	14.2	1.67	17.0	1.96	19.7	2.28	21.1	2.45	22.5	2.62	25.3	2.96	28.0	3.33
	20	14.2	1.69	17.0	1.99	19.7	2.32	21.1	2.49	22.5	2.66	25.3	3.02	28.0	3.40
	21	14.2	1.71	17.0	2.01	19.7	2.35	21.1	2.52	22.5	2.69	25.3	3.06	28.0	3.43
	23	14.2	1.74	17.0	2.05	19.7	2.38	21.1	2.56	22.5	2.75	25.3	3.17	28.0	3.64
	25	14.2	1.77	17.0	2.09	19.7	2.48	21.1	2.69	22.5	2.92	25.3	3.39	28.0	3.90
	27	14.2	1.82	17.0	2.21	19.7	2.63	21.1	2.86	22.5	3.10	25.3	3.60	28.0	4.16
	29	14.2	1.94	17.0	2.35	19.7	2.80	21.1	3.05	22.5	3.30	25.3	3.84	28.0	4.44
	31	14.2	2.05	17.0	2.49	19.7	2.98	21.1	3.25	22.5	3.52	25.3	4.10	28.0	4.73
	33	14.2	2.16	17.0	2.63	19.7	3.16	21.1	3.44	22.5	3.74	25.3	4.36	28.0	5.04
	35	14.2	2.29	17.0	2.80	19.7	3.36	21.1	3.66	22.5	3.97	25.3	4.64	28.0	5.35
	37	14.2	2.42	17.0	2.96	19.7	3.56	21.1	3.89	22.5	4.21	25.3	4.93	28.0	5.69
	39	14.2	2.57	17.0	3.15	19.7	3.84	21.1	4.17	22.5	4.53	25.3	5.28	28.0	6.10
	41	13.8	2.79	16.5	3.45	19.2	4.17	20.6	4.55	21.9	4.92	24.6	5.80	27.3	6.63
	43	13.5	3.03	16.1	3.75	18.8	4.55	20.1	4.96	21.4	5.37	24.0	6.33	26.6	7.24
	46	12.7	3.40	15.1	4.22	17.6	5.11	18.8	5.58	20.0	6.04	22.5	7.13	25.0	8.25
	48	11.2	2.96	13.4	3.68	15.5	4.47	16.6	4.87	17.7	5.28	19.9	6.23	22.1	7.22
50	10	11.9	1.38	14.2	1.60	16.5	1.82	17.6	1.95	18.7	2.07	21.0	2.33	23.4	2.59
	12	11.9	1.40	14.2	1.62	16.5	1.85	17.6	1.98	18.7	2.11	21.0	2.38	23.4	2.64
	14	11.9	1.41	14.2	1.65	16.5	1.88	17.6	2.01	18.7	2.14	21.0	2.40	23.4	2.68
	16	11.9	1.44	14.2	1.68	16.5	1.91	17.6	2.05	18.7	2.17	21.0	2.45	23.4	2.73
	18	11.9	1.46	14.2	1.69	16.5	1.94	17.6	2.08	18.7	2.21	21.0	2.49	23.4	2.78
	20	11.9	1.47	14.2	1.72	16.5	1.98	17.6	2.11	18.7	2.26	21.0	2.54	23.4	2.84
	21	11.9	1.49	14.2	1.73	16.5	2.00	17.6	2.14	18.7	2.27	21.0	2.56	23.4	2.87
	23	11.9	1.52	14.2	1.76	16.5	2.03	17.6	2.17	18.7	2.32	21.0	2.61	23.4	2.93
	25	11.9	1.53	14.2	1.79	16.5	2.07	17.6	2.21	18.7	2.39	21.0	2.74	23.4	3.13
	27	11.9	1.56	14.2	1.85	16.5	2.19	17.6	2.36	18.7	2.54	21.0	2.93	23.4	3.34
	29	11.9	1.65	14.2	1.97	16.5	2.32	17.6	2.51	18.7	2.70	21.0	3.10	23.4	3.54
	31	11.9	1.73	14.2	2.08	16.5	2.46	17.6	2.65	18.7	2.87	21.0	3.31	23.4	3.77
	33	11.9	1.84	14.2	2.20	16.5	2.61	17.6	2.81	18.7	3.05	21.0	3.51	23.4	4.02
	35	11.9	1.94	14.2	2.33	16.5	2.75	17.6	2.99	18.7	3.22	21.0	3.72	23.4	4.27
	37	11.9	2.05	14.2	2.46	16.5	2.91	17.6	3.16	18.7	3.41	21.0	3.96	23.4	4.53
	39	11.9	2.19	14.2	2.64	16.5	3.12	17.6	3.40	18.7	3.66	21.0	4.22	23.4	4.89
	41	11.6	2.37	13.8	2.86	16.0	3.41	17.1	3.69	18.3	3.96	20.5	4.63	22.8	5.32
	43	11.3	2.58	13.5	3.11	15.7	3.72	16.7	4.01	17.8	4.32	20.0	5.05	22.2	5.80
	46	10.6	2.88	12.7	3.49	14.7	4.17	15.7	4.51	16.7	4.85	18.7	5.68	20.8	6.53
	48	9.4	2.51	11.2	3.04	13.0	3.64	13.9	3.93	14.8	4.23	16.5	4.96	18.4	5.71

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

◆ ARUV144BTE5 / ARUV144DTE5

Cooling Capacity (12RT)

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	41.8	4.38	49.8	5.35	53.3	6.21	54.9	6.33	56.4	6.38	59.1	6.43	60.7	6.46
	12	41.8	4.49	49.8	5.54	53.3	6.46	54.9	6.50	56.4	6.56	59.1	6.61	60.7	6.67
	14	41.8	4.64	49.8	5.74	53.3	6.70	54.9	6.75	56.4	6.81	59.1	6.86	60.7	6.92
	16	41.8	4.81	49.8	5.94	53.3	7.01	54.9	7.07	56.4	7.13	59.1	7.19	60.7	7.25
	18	41.8	5.01	49.8	6.29	53.3	7.33	54.9	7.48	56.4	7.54	59.1	7.62	60.7	7.67
	20	41.8	5.23	49.8	6.70	53.3	7.69	54.9	8.23	56.4	8.30	58.3	8.38	59.8	8.44
	21	41.8	5.37	49.8	6.93	53.3	7.85	54.9	8.71	56.4	8.78	57.9	8.87	59.5	8.93
	23	41.8	5.76	49.8	7.29	53.3	8.26	54.9	9.61	55.7	9.69	57.1	9.79	58.6	9.85
	25	41.8	6.15	49.8	7.71	53.3	8.82	54.2	10.66	54.9	10.75	56.4	10.85	57.9	10.93
	27	41.8	6.58	49.8	8.24	52.7	9.40	53.3	11.74	54.2	11.83	55.7	11.95	57.1	12.03
	29	41.8	7.01	49.8	8.81	51.8	10.12	52.6	12.90	53.3	12.98	54.9	13.09	56.4	13.15
	31	41.8	7.48	49.6	9.28	51.0	10.76	51.8	12.85	52.6	12.92	54.0	13.04	55.6	13.09
	33	41.8	7.97	48.8	9.84	50.3	11.54	51.1	12.73	51.8	12.81	53.3	12.92	54.7	12.97
	35	41.8	8.50	47.9	10.30	49.4	12.50	50.3	12.56	51.1	12.64	52.5	12.75	54.0	12.80
	37	41.8	9.06	47.2	10.81	48.8	12.33	49.4	12.40	50.3	12.47	51.7	12.58	53.2	12.63
	39	41.8	9.65	46.4	11.38	47.9	12.17	48.8	12.23	49.4	12.30	51.0	12.41	52.5	12.46
	41	40.7	10.24	44.5	11.95	46.0	12.00	46.7	12.06	47.6	12.14	49.0	12.25	50.3	12.29
	43	39.7	10.80	42.6	11.78	44.1	11.84	44.8	11.90	45.7	11.97	47.1	12.08	48.3	12.13
	46	37.2	11.56	38.9	11.53	40.3	11.59	40.9	11.65	41.8	11.72	43.1	11.82	44.3	11.87
	48	32.9	11.24	33.8	11.27	35.0	11.29	35.6	11.32	36.3	11.42	37.5	11.49	38.5	11.54
120	10	37.8	3.94	45.0	4.83	49.1	5.74	50.6	6.20	52.1	6.30	55.0	6.32	56.3	6.38
	12	37.8	4.04	45.0	4.99	49.1	5.97	50.6	6.33	52.1	6.53	55.0	6.61	56.3	6.66
	14	37.8	4.18	45.0	5.16	49.1	6.21	50.6	6.57	52.1	6.77	55.0	6.87	56.3	6.93
	16	37.8	4.33	45.0	5.37	49.1	6.45	50.6	6.82	52.1	7.09	55.0	7.17	56.3	7.23
	18	37.8	4.50	45.0	5.61	49.1	6.71	50.6	7.18	52.1	7.45	55.0	7.53	56.3	7.59
	20	37.8	4.68	45.0	5.95	49.1	7.07	50.6	7.55	52.1	7.84	55.0	7.95	56.3	8.01
	21	37.8	4.82	45.0	6.17	49.1	7.27	50.6	7.78	52.1	8.10	55.0	8.20	56.3	8.27
	23	37.8	5.15	45.0	6.60	49.1	7.79	50.6	8.26	52.1	8.64	55.0	8.72	56.3	8.79
	25	37.8	5.50	45.0	7.07	49.1	8.21	50.6	8.81	52.1	9.26	54.3	9.34	55.6	9.41
	27	37.8	5.87	45.0	7.56	49.1	8.74	50.6	9.41	52.1	9.95	53.5	10.02	54.8	10.10
	29	37.8	6.27	45.0	8.07	49.1	9.20	50.6	10.07	51.3	10.61	52.6	10.77	54.1	10.85
	31	37.8	6.68	45.0	8.62	49.1	9.67	50.0	10.79	50.6	11.38	52.0	11.58	53.3	11.67
	33	37.8	7.11	45.0	9.18	48.5	10.23	49.1	11.71	49.8	12.22	51.1	12.36	52.5	12.46
	35	37.8	7.56	45.0	9.79	47.6	10.83	48.3	12.90	49.1	12.96	50.5	13.00	51.8	13.11
	37	37.8	8.13	45.0	10.33	47.0	11.55	47.6	12.63	48.3	12.69	49.6	12.73	51.0	12.83
	39	37.8	8.75	44.8	10.92	46.1	12.25	46.8	12.37	47.5	12.43	49.0	12.47	50.3	12.57
	41	36.9	9.38	42.9	11.51	44.3	12.01	44.9	12.11	45.6	12.17	46.9	12.21	48.2	12.30
	43	35.9	10.01	41.1	11.34	42.5	11.74	43.1	11.85	43.7	11.91	45.0	11.95	46.3	12.04
	46	33.7	10.76	37.4	11.07	38.8	11.37	39.4	11.46	40.0	11.52	41.2	11.55	42.4	11.64
	48	29.8	10.54	32.5	10.88	33.7	11.15	34.2	11.21	34.8	11.25	35.8	11.29	36.9	11.34
110	10	33.9	3.54	40.4	4.32	45.1	5.13	46.4	5.55	49.4	5.97	50.5	6.14	53.9	6.24
	12	33.9	3.65	40.4	4.46	45.1	5.34	46.4	5.71	49.4	6.20	50.5	6.40	53.9	6.55
	14	33.9	3.77	40.4	4.66	45.1	5.58	46.4	5.99	49.4	6.51	50.5	6.70	53.9	6.84
	16	33.9	3.90	40.4	4.83	45.1	5.81	46.4	6.25	49.4	6.81	50.5	7.00	53.9	7.12
	18	33.9	4.05	40.4	5.04	45.1	6.15	46.4	6.58	49.4	7.18	50.5	7.33	53.9	7.46
	20	33.9	4.19	40.4	5.29	45.1	6.52	46.4	6.89	49.4	7.53	50.5	7.72	53.9	7.84
	21	33.9	4.28	40.4	5.44	45.1	6.69	46.4	7.07	49.4	7.74	50.5	7.94	53.9	8.06
	23	33.9	4.56	40.4	5.84	45.1	7.06	46.4	7.47	49.4	8.18	50.5	8.36	53.9	8.49
	25	33.9	4.88	40.4	6.23	45.1	7.46	46.4	7.89	49.4	8.64	50.5	8.77	53.3	8.95
	27	33.9	5.21	40.4	6.66	45.1	7.88	46.4	8.35	49.4	9.03	50.5	9.23	52.5	9.39
	29	33.9	5.56	40.4	7.11	45.1	8.33	46.4	8.85	49.4	9.54	50.5	9.70	51.8	9.85
	31	33.9	5.91	40.4	7.58	45.1	8.80	46.4	9.37	48.5	10.02	49.8	10.22	51.0	10.33
	33	33.9	6.31	40.4	8.07	45.1	9.30	46.4	9.93	47.9	10.59	49.0	10.76	50.3	10.82
	35	33.9	6.70	40.4	8.62	45.1	9.82	46.4	10.52	47.1	11.17	48.2	11.27	49.5	11.33
	37	33.9	7.10	40.4	9.14	45.1	10.37	45.8	11.15	46.3	11.78	47.6	11.82	48.7	11.86
	39	33.9	7.65	40.4	9.72	44.3	10.94	44.9	11.93	45.6	12.37	46.7	12.39	48.1	12.40
	41	33.0	8.21	39.4	10.29	42.4	11.54	43.1	12.90	43.6	12.90	44.9	13.00	46.0	13.11
	43	32.2	8.62	38.4	10.72	40.6	12.24	41.3	12.37	41.8	12.35	43.1	12.42	44.2	12.45
	46	30.2	8.41	36.0	10.35	37.1	11.61	37.7	11.61	38.2	11.71	39.4	11.78	40.4	11.81
	48	26.7	8.17	31.3	9.97	32.2	11.05	32.8	11.12	33.2	11.18	34.3	11.21	35.2	11.25

7. Capacity Tables

Cooling Capacity (12RT)

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	3.19	33.9	3.88	39.5	4.60	42.2	4.97	44.9	5.34	49.8	5.94	50.9	5.99
	12	28.5	3.29	33.9	4.04	39.5	4.75	42.2	5.10	44.9	5.51	49.8	6.26	50.9	6.33
	14	28.5	3.40	33.9	4.20	39.5	4.96	42.2	5.32	44.9	5.75	49.8	6.62	50.9	6.68
	16	28.5	3.50	33.9	4.34	39.5	5.17	42.2	5.58	44.9	6.06	49.8	6.93	50.9	7.03
	18	28.5	3.60	33.9	4.50	39.5	5.37	42.2	5.85	44.9	6.42	49.8	7.33	50.9	7.38
	20	28.5	3.73	33.9	4.67	39.5	5.68	42.2	6.27	44.9	6.87	49.8	7.68	50.9	7.74
	21	28.5	3.81	33.9	4.78	39.5	5.87	42.2	6.48	44.9	7.13	49.8	7.85	50.9	7.92
	23	28.5	4.03	33.9	5.11	39.5	6.31	42.2	6.95	44.9	7.64	49.8	8.22	50.9	8.29
	25	28.5	4.29	33.9	5.44	39.5	6.74	42.2	7.44	44.9	8.17	49.8	8.57	50.5	8.64
	27	28.5	4.58	33.9	5.82	39.5	7.21	42.2	7.95	44.9	8.68	48.8	8.98	49.9	9.05
	29	28.5	4.88	33.9	6.21	39.5	7.70	42.2	8.50	44.9	9.19	47.9	9.34	49.1	9.41
	31	28.5	5.21	33.9	6.62	39.5	8.21	42.2	9.07	44.9	9.66	47.2	9.70	48.3	9.78
	33	28.5	5.52	33.9	7.05	39.5	8.75	42.2	9.67	44.9	10.02	46.4	10.06	47.6	10.14
	35	28.5	5.87	33.9	7.50	39.5	9.32	42.2	10.32	44.2	10.38	45.6	10.42	46.8	10.51
	37	28.5	6.29	33.9	8.04	39.5	9.87	42.2	10.81	43.5	10.86	44.8	10.91	45.8	11.01
	39	28.5	6.75	33.9	8.64	39.5	10.46	42.2	11.34	42.8	11.39	44.0	11.43	45.1	11.54
	41	28.0	7.20	33.4	9.24	38.9	11.05	40.5	11.87	41.4	11.92	42.4	11.96	43.7	12.07
	43	27.1	7.62	32.2	9.79	37.5	11.58	38.8	12.32	39.3	12.37	40.5	12.41	41.5	12.52
	46	25.4	8.20	30.2	10.56	35.2	12.28	35.4	12.90	35.8	12.94	37.0	12.98	38.0	13.10
	48	22.4	7.08	26.7	9.13	30.4	10.50	30.8	10.95	31.1	10.98	32.1	11.01	33.0	11.09
90	10	25.6	2.68	30.6	3.22	35.6	3.80	38.0	4.09	40.4	4.40	45.4	4.93	50.3	5.48
	12	25.6	2.71	30.6	3.27	35.6	3.86	38.0	4.17	40.4	4.50	45.4	5.03	50.3	5.58
	14	25.6	2.76	30.6	3.34	35.6	3.94	38.0	4.26	40.4	4.59	45.4	5.13	50.3	5.69
	16	25.6	2.81	30.6	3.40	35.6	4.03	38.0	4.34	40.4	4.67	45.4	5.22	50.3	5.79
	18	25.6	2.86	30.6	3.47	35.6	4.09	38.0	4.44	40.4	4.77	45.4	5.34	50.3	6.08
	20	25.6	2.91	30.6	3.53	35.6	4.17	38.0	4.52	40.4	4.95	45.4	5.71	50.3	6.37
	21	25.6	2.94	30.6	3.57	35.6	4.26	38.0	4.67	40.4	5.13	45.4	5.80	50.3	6.52
	23	25.6	3.01	30.6	3.71	35.6	4.55	38.0	5.01	40.4	5.49	45.4	6.16	49.6	6.83
	25	25.6	3.16	30.6	3.96	35.6	4.86	38.0	5.36	40.4	5.87	45.4	6.58	48.9	7.12
	27	25.6	3.37	30.6	4.22	35.6	5.19	38.0	5.72	40.4	6.28	45.4	7.00	48.2	7.45
	29	25.6	3.57	30.6	4.50	35.6	5.56	38.0	6.11	40.4	6.71	45.4	7.41	47.5	7.75
	31	25.6	3.80	30.6	4.80	35.6	5.92	38.0	6.51	40.4	7.15	45.4	7.78	46.8	8.05
	33	25.6	4.04	30.6	5.11	35.6	6.31	38.0	6.94	40.4	7.58	45.4	8.16	46.1	8.35
	35	25.6	4.29	30.6	5.42	35.6	6.71	38.0	7.40	40.4	8.04	44.6	8.63	45.3	8.82
	37	25.6	4.55	30.6	5.77	35.6	7.15	38.0	7.86	40.4	8.49	43.9	9.02	44.6	9.22
	39	25.6	4.82	30.6	6.14	35.6	7.57	38.0	8.36	40.4	8.93	43.1	9.51	43.9	9.62
	41	25.0	5.39	29.8	6.80	34.7	8.31	37.0	9.14	39.4	9.64	41.3	10.02	42.1	10.25
	43	24.3	5.82	29.1	7.35	33.8	9.07	36.1	9.85	38.4	10.33	39.6	10.73	40.4	10.86
	46	22.8	6.55	27.2	8.37	31.7	10.34	33.8	11.16	34.9	11.48	36.2	11.78	36.9	11.79
	48	20.2	5.73	24.1	7.32	28.0	9.04	29.9	9.74	30.3	9.89	31.5	10.14	32.0	10.15
80	10	22.8	2.25	27.1	2.71	31.5	3.18	33.8	3.43	36.0	3.68	40.4	4.19	44.8	4.55
	12	22.8	2.30	27.1	2.74	31.5	3.24	33.8	3.49	36.0	3.74	40.4	4.27	44.8	4.64
	14	22.8	2.33	27.1	2.80	31.5	3.29	33.8	3.55	36.0	3.80	40.4	4.35	44.8	4.73
	16	22.8	2.36	27.1	2.85	31.5	3.35	33.8	3.61	36.0	3.88	40.4	4.44	44.8	4.82
	18	22.8	2.41	27.1	2.89	31.5	3.41	33.8	3.68	36.0	3.96	40.4	4.52	44.8	4.93
	20	22.8	2.46	27.1	2.96	31.5	3.49	33.8	3.75	36.0	4.04	40.4	4.69	44.8	5.22
	21	22.8	2.47	27.1	2.99	31.5	3.52	33.8	3.80	36.0	4.13	40.4	4.84	44.8	5.36
	23	22.8	2.52	27.1	3.03	31.5	3.68	33.8	4.04	36.0	4.41	40.4	5.11	44.8	5.62
	25	22.8	2.61	27.1	3.24	31.5	3.94	33.8	4.32	36.0	4.72	40.4	5.47	44.8	6.01
	27	22.8	2.77	27.1	3.44	31.5	4.21	33.8	4.61	36.0	5.04	40.4	5.81	44.8	6.33
	29	22.8	2.94	27.1	3.68	31.5	4.47	33.8	4.91	36.0	5.38	40.4	6.23	44.8	6.77
	31	22.8	3.13	27.1	3.90	31.5	4.77	33.8	5.24	36.0	5.73	40.4	6.61	44.8	7.11
	33	22.8	3.32	27.1	4.16	31.5	5.08	33.8	5.58	36.0	6.10	40.4	6.96	44.8	7.46
	35	22.8	3.52	27.1	4.41	31.5	5.41	33.8	5.94	36.0	6.51	40.4	7.38	44.3	7.73
	37	22.8	3.72	27.1	4.69	31.5	5.74	33.8	6.32	36.0	6.91	40.4	7.79	43.6	8.08
	39	22.8	3.93	27.1	4.96	31.5	6.14	33.8	6.79	36.0	7.43	40.4	8.23	42.9	8.52
	41	22.2	4.35	26.4	5.49	30.7	6.74	32.9	7.45	35.1	8.16	39.4	9.16	41.1	9.44
	43	21.6	4.79	25.8	6.00	29.9	7.36	32.1	8.12	34.2	8.92	38.4	9.80	39.4	10.11
	46	20.3	5.33	24.2	6.75	28.1	8.29	30.1	9.03	32.1	10.07	35.1	10.70	35.9	10.87
	48	17.9	4.66	21.4	5.91	24.8	7.25	26.6	7.89	28.4	8.81	30.5	9.26	31.2	9.36

7. Capacity Tables

Cooling Capacity (12RT)

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	1.99	23.8	2.36	27.6	2.74	29.5	2.95	31.5	3.16	35.3	3.60	39.2	4.02
	12	19.9	2.02	23.8	2.39	27.6	2.80	29.5	3.00	31.5	3.22	35.3	3.66	39.2	4.10
	14	19.9	2.05	23.8	2.42	27.6	2.85	29.5	3.05	31.5	3.27	35.3	3.74	39.2	4.17
	16	19.9	2.08	23.8	2.47	27.6	2.89	29.5	3.11	31.5	3.33	35.3	3.80	39.2	4.26
	18	19.9	2.11	23.8	2.52	27.6	2.95	29.5	3.17	31.5	3.39	35.3	3.86	39.2	4.34
	20	19.9	2.14	23.8	2.56	27.6	3.00	29.5	3.24	31.5	3.47	35.3	3.96	39.2	4.50
	21	19.9	2.17	23.8	2.58	27.6	3.03	29.5	3.27	31.5	3.50	35.3	4.02	39.2	4.60
	23	19.9	2.20	23.8	2.64	27.6	3.10	29.5	3.38	31.5	3.67	35.3	4.30	39.2	4.85
	25	19.9	2.24	23.8	2.74	27.6	3.30	29.5	3.61	31.5	3.92	35.3	4.60	39.2	5.09
	27	19.9	2.36	23.8	2.92	27.6	3.52	29.5	3.83	31.5	4.19	35.3	4.91	39.2	5.41
	29	19.9	2.52	23.8	3.10	27.6	3.74	29.5	4.08	31.5	4.46	35.3	5.24	39.2	5.80
	31	19.9	2.67	23.8	3.30	27.6	3.99	29.5	4.36	31.5	4.75	35.3	5.58	39.2	6.15
	33	19.9	2.83	23.8	3.49	27.6	4.24	29.5	4.63	31.5	5.05	35.3	5.94	39.2	6.55
	35	19.9	2.99	23.8	3.72	27.6	4.50	29.5	4.92	31.5	5.38	35.3	6.33	39.2	6.94
	37	19.9	3.17	23.8	3.94	27.6	4.78	29.5	5.24	31.5	5.72	35.3	6.74	39.2	7.33
	39	19.9	3.37	23.8	4.20	27.6	5.12	29.5	5.63	31.5	6.18	35.3	7.21	39.2	7.90
	41	19.4	3.73	23.2	4.60	26.9	5.61	28.8	6.18	30.7	6.72	34.4	7.92	38.2	8.52
	43	18.9	4.06	22.6	5.02	26.2	6.12	28.1	6.74	29.9	7.34	33.5	8.65	37.2	9.21
	46	17.7	4.51	21.2	5.64	24.6	6.89	26.3	7.51	28.1	8.27	31.4	9.76	34.9	10.27
	48	15.7	3.93	18.8	4.93	21.7	6.03	23.3	6.56	24.8	7.24	27.8	8.54	30.9	8.89
60	10	17.0	1.72	20.3	2.02	23.7	2.34	25.3	2.52	27.0	2.67	30.3	3.03	33.6	3.39
	12	17.0	1.75	20.3	2.05	23.7	2.37	25.3	2.55	27.0	2.72	30.3	3.08	33.6	3.45
	14	17.0	1.77	20.3	2.08	23.7	2.42	25.3	2.59	27.0	2.77	30.3	3.14	33.6	3.52
	16	17.0	1.80	20.3	2.12	23.7	2.45	25.3	2.64	27.0	2.83	30.3	3.20	33.6	3.58
	18	17.0	1.83	20.3	2.16	23.7	2.50	25.3	2.69	27.0	2.87	30.3	3.25	33.6	3.66
	20	17.0	1.86	20.3	2.19	23.7	2.55	25.3	2.73	27.0	2.92	30.3	3.31	33.6	3.73
	21	17.0	1.87	20.3	2.20	23.7	2.58	25.3	2.77	27.0	2.95	30.3	3.36	33.6	3.77
	23	17.0	1.91	20.3	2.25	23.7	2.61	25.3	2.81	27.0	3.02	30.3	3.48	33.6	4.00
	25	17.0	1.94	20.3	2.30	23.7	2.72	25.3	2.95	27.0	3.20	30.3	3.72	33.6	4.28
	27	17.0	2.00	20.3	2.42	23.7	2.89	25.3	3.14	27.0	3.41	30.3	3.95	33.6	4.56
	29	17.0	2.12	20.3	2.58	23.7	3.08	25.3	3.34	27.0	3.62	30.3	4.22	33.6	4.87
	31	17.0	2.25	20.3	2.73	23.7	3.27	25.3	3.56	27.0	3.86	30.3	4.50	33.6	5.19
	33	17.0	2.37	20.3	2.89	23.7	3.47	25.3	3.78	27.0	4.11	30.3	4.78	33.6	5.53
	35	17.0	2.52	20.3	3.08	23.7	3.69	25.3	4.02	27.0	4.36	30.3	5.09	33.6	5.87
	37	17.0	2.66	20.3	3.25	23.7	3.91	25.3	4.27	27.0	4.62	30.3	5.41	33.6	6.25
	39	17.0	2.82	20.3	3.46	23.7	4.22	25.3	4.58	27.0	4.98	30.3	5.80	33.6	6.70
	41	16.6	3.06	19.8	3.78	23.1	4.58	24.7	5.00	26.3	5.40	29.5	6.36	32.7	7.28
	43	16.2	3.33	19.3	4.12	22.5	4.99	24.1	5.45	25.6	5.89	28.8	6.94	31.9	7.95
	46	15.2	3.73	18.1	4.63	21.1	5.61	22.5	6.12	24.0	6.63	27.0	7.82	29.9	9.06
	48	13.4	3.25	16.0	4.04	18.6	4.90	19.9	5.35	21.3	5.79	23.9	6.84	26.5	7.92
50	10	14.2	1.48	17.0	1.72	19.7	1.95	21.1	2.09	22.5	2.22	25.2	2.50	28.0	2.78
	12	14.2	1.50	17.0	1.73	19.7	1.98	21.1	2.12	22.5	2.26	25.2	2.55	28.0	2.83
	14	14.2	1.51	17.0	1.76	19.7	2.01	21.1	2.15	22.5	2.30	25.2	2.58	28.0	2.87
	16	14.2	1.55	17.0	1.80	19.7	2.05	21.1	2.20	22.5	2.33	25.2	2.62	28.0	2.92
	18	14.2	1.56	17.0	1.81	19.7	2.08	21.1	2.23	22.5	2.37	25.2	2.67	28.0	2.98
	20	14.2	1.58	17.0	1.84	19.7	2.12	21.1	2.26	22.5	2.42	25.2	2.72	28.0	3.04
	21	14.2	1.59	17.0	1.86	19.7	2.14	21.1	2.30	22.5	2.44	25.2	2.75	28.0	3.08
	23	14.2	1.62	17.0	1.89	19.7	2.17	21.1	2.33	22.5	2.48	25.2	2.80	28.0	3.14
	25	14.2	1.64	17.0	1.92	19.7	2.22	21.1	2.37	22.5	2.56	25.2	2.94	28.0	3.36
	27	14.2	1.67	17.0	1.98	19.7	2.34	21.1	2.53	22.5	2.72	25.2	3.14	28.0	3.58
	29	14.2	1.76	17.0	2.11	19.7	2.48	21.1	2.69	22.5	2.89	25.2	3.33	28.0	3.79
	31	14.2	1.86	17.0	2.23	19.7	2.64	21.1	2.84	22.5	3.08	25.2	3.54	28.0	4.04
	33	14.2	1.97	17.0	2.36	19.7	2.80	21.1	3.01	22.5	3.26	25.2	3.76	28.0	4.31
	35	14.2	2.08	17.0	2.50	19.7	2.95	21.1	3.20	22.5	3.45	25.2	3.98	28.0	4.58
	37	14.2	2.20	17.0	2.64	19.7	3.12	21.1	3.39	22.5	3.65	25.2	4.25	28.0	4.86
	39	14.2	2.35	17.0	2.83	19.7	3.35	21.1	3.65	22.5	3.92	25.2	4.52	28.0	5.25
	41	13.9	2.54	16.6	3.06	19.2	3.66	20.6	3.95	21.9	4.25	24.5	4.96	27.3	5.70
	43	13.5	2.76	16.2	3.33	18.8	3.98	20.1	4.30	21.3	4.62	23.9	5.41	26.6	6.21
	46	12.7	3.09	15.2	3.74	17.6	4.47	18.8	4.83	20.0	5.19	22.4	6.08	25.0	7.00
	48	11.2	2.69	13.4	3.26	15.6	3.90	16.6	4.22	17.7	4.53	19.8	5.32	22.1	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

◆ ARUV168BTE5 / ARUV168DTE5

Cooling Capacity (14RT)

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	48.7	5.26	58.0	6.42	62.2	7.45	64.0	7.60	65.8	7.66	68.9	7.72	70.7	7.76
	12	48.7	5.39	58.0	6.65	62.2	7.76	64.0	7.81	65.8	7.87	68.9	7.93	70.7	8.00
	14	48.7	5.57	58.0	6.89	62.2	8.05	64.0	8.11	65.8	8.17	68.9	8.24	70.7	8.31
	16	48.7	5.77	58.0	7.13	62.2	8.41	64.0	8.49	65.8	8.56	68.9	8.63	70.7	8.70
	18	48.7	6.01	58.0	7.55	62.2	8.80	64.0	8.99	65.8	9.06	68.9	9.15	70.7	9.21
	20	48.7	6.28	58.0	8.04	62.2	9.23	64.0	9.88	65.8	9.96	67.9	10.06	69.7	10.13
	21	48.7	6.44	58.0	8.32	62.2	9.42	64.0	10.46	65.8	10.54	67.6	10.65	69.3	10.72
	23	48.7	6.91	58.0	8.76	62.2	9.91	64.0	11.54	64.9	11.63	66.6	11.75	68.3	11.83
	25	48.7	7.38	58.0	9.26	62.2	10.59	63.2	12.80	64.0	12.90	65.8	13.03	67.6	13.12
	27	48.7	7.90	58.0	9.90	61.4	11.29	62.2	14.09	63.2	14.20	64.9	14.35	66.6	14.44
	29	48.7	8.42	58.0	10.58	60.4	12.14	61.3	15.49	62.2	15.58	64.0	15.72	65.8	15.78
	31	48.7	8.98	57.8	11.15	59.4	12.92	60.4	15.42	61.3	15.52	63.0	15.65	64.8	15.72
	33	48.7	9.57	56.8	11.81	58.6	13.85	59.6	15.28	60.4	15.37	62.2	15.51	63.8	15.57
	35	48.7	10.20	55.8	12.37	57.6	15.01	58.6	15.08	59.6	15.17	61.2	15.31	63.0	15.37
	37	48.7	10.88	55.1	12.98	56.8	14.81	57.6	14.88	58.6	14.97	60.2	15.11	62.0	15.17
	39	48.7	11.59	54.1	13.66	55.8	14.61	56.8	14.68	57.6	14.77	59.4	14.90	61.2	14.96
	41	47.5	12.29	51.8	14.34	53.6	14.41	54.4	14.48	55.5	14.57	57.1	14.70	58.7	14.76
	43	46.3	12.96	49.7	14.14	51.4	14.21	52.2	14.29	53.2	14.37	54.9	14.50	56.4	14.56
	46	43.4	13.88	45.3	13.85	47.0	13.92	47.7	13.99	48.7	14.07	50.2	14.20	51.6	14.25
	48	38.4	13.49	39.4	13.53	40.8	13.56	41.5	13.59	42.4	13.71	43.7	13.80	44.9	13.85
120	10	44.1	4.73	52.4	5.80	57.3	6.89	59.0	7.45	60.8	7.56	64.1	7.59	65.7	7.65
	12	44.1	4.86	52.4	5.99	57.3	7.17	59.0	7.60	60.8	7.84	64.1	7.94	65.7	8.00
	14	44.1	5.02	52.4	6.20	57.3	7.46	59.0	7.89	60.8	8.13	64.1	8.25	65.7	8.32
	16	44.1	5.20	52.4	6.45	57.3	7.74	59.0	8.19	60.8	8.51	64.1	8.61	65.7	8.68
	18	44.1	5.41	52.4	6.74	57.3	8.05	59.0	8.62	60.8	8.94	64.1	9.04	65.7	9.12
	20	44.1	5.61	52.4	7.15	57.3	8.49	59.0	9.07	60.8	9.42	64.1	9.54	65.7	9.62
	21	44.1	5.78	52.4	7.41	57.3	8.73	59.0	9.33	60.8	9.73	64.1	9.85	65.7	9.93
	23	44.1	6.18	52.4	7.92	57.3	9.35	59.0	9.92	60.8	10.37	64.1	10.47	65.7	10.56
	25	44.1	6.61	52.4	8.49	57.3	9.86	59.0	10.57	60.8	11.12	63.3	11.21	64.9	11.30
	27	44.1	7.05	52.4	9.08	57.3	10.49	59.0	11.30	60.8	11.95	62.3	12.03	63.9	12.13
	29	44.1	7.52	52.4	9.69	57.3	11.04	59.0	12.09	59.8	12.74	61.4	12.93	63.1	13.03
	31	44.1	8.02	52.4	10.34	57.3	11.61	58.3	12.95	59.0	13.66	60.6	13.90	62.1	14.02
	33	44.1	8.53	52.4	11.03	56.5	12.29	57.3	14.06	58.1	14.67	59.6	14.84	61.2	14.95
	35	44.1	9.08	52.4	11.76	55.6	13.00	56.3	15.49	57.3	15.56	58.9	15.61	60.4	15.74
	37	44.1	9.76	52.4	12.40	54.8	13.86	55.6	15.16	56.3	15.24	57.9	15.28	59.4	15.40
	39	44.1	10.51	52.2	13.11	53.8	14.70	54.6	14.85	55.3	14.92	57.1	14.97	58.6	15.09
	41	43.0	11.26	50.0	13.82	51.7	14.41	52.4	14.54	53.1	14.61	54.7	14.66	56.2	14.77
	43	41.9	12.01	47.9	13.62	49.5	14.09	50.2	14.23	51.0	14.30	52.5	14.34	54.0	14.46
	46	39.3	12.92	43.6	13.29	45.2	13.65	45.9	13.76	46.6	13.83	48.0	13.87	49.4	13.98
	48	34.7	12.65	37.9	13.06	39.3	13.38	39.9	13.46	40.5	13.51	41.8	13.56	43.0	13.61
110	10	39.5	4.25	47.1	5.18	52.6	6.16	54.1	6.67	57.5	7.17	58.9	7.37	62.9	7.50
	12	39.5	4.39	47.1	5.36	52.6	6.41	54.1	6.85	57.5	7.44	58.9	7.68	62.9	7.86
	14	39.5	4.52	47.1	5.60	52.6	6.70	54.1	7.19	57.5	7.82	58.9	8.04	62.9	8.21
	16	39.5	4.68	47.1	5.80	52.6	6.98	54.1	7.51	57.5	8.18	58.9	8.40	62.9	8.55
	18	39.5	4.86	47.1	6.05	52.6	7.38	54.1	7.90	57.5	8.63	58.9	8.80	62.9	8.96
	20	39.5	5.03	47.1	6.35	52.6	7.83	54.1	8.27	57.5	9.04	58.9	9.27	62.9	9.42
	21	39.5	5.14	47.1	6.54	52.6	8.03	54.1	8.49	57.5	9.30	58.9	9.53	62.9	9.68
	23	39.5	5.48	47.1	7.01	52.6	8.48	54.1	8.96	57.5	9.82	58.9	10.03	62.9	10.20
	25	39.5	5.85	47.1	7.48	52.6	8.96	54.1	9.48	57.5	10.38	58.9	10.53	62.1	10.74
	27	39.5	6.25	47.1	7.99	52.6	9.46	54.1	10.03	57.5	10.84	58.9	11.09	61.2	11.27
	29	39.5	6.68	47.1	8.53	52.6	10.00	54.1	10.62	57.5	11.45	58.9	11.65	60.4	11.83
	31	39.5	7.10	47.1	9.10	52.6	10.57	54.1	11.25	56.6	12.03	58.1	12.27	59.4	12.40
	33	39.5	7.57	47.1	9.69	52.6	11.17	54.1	11.92	55.8	12.71	57.2	12.92	58.7	12.99
	35	39.5	8.04	47.1	10.34	52.6	11.79	54.1	12.64	54.9	13.41	56.2	13.54	57.7	13.60
	37	39.5	8.52	47.1	10.98	52.6	12.45	53.4	13.39	53.9	14.15	55.5	14.20	56.8	14.23
	39	39.5	9.19	47.1	11.67	51.6	13.14	52.4	14.32	53.2	14.85	54.5	14.87	56.0	14.89
	41	38.5	9.85	45.9	12.35	49.4	13.85	50.2	15.49	50.9	15.49	52.4	15.61	53.7	15.74
	43	37.5	10.35	44.8	12.87	47.4	14.69	48.2	14.86	48.8	14.82	50.2	14.91	51.5	14.95
	46	35.2	10.10	41.9	12.43	43.2	13.94	44.0	13.94	44.6	14.06	45.9	14.14	47.1	14.18
	48	31.1	9.81	36.5	11.97	37.5	13.27	38.2	13.35	38.7	13.42	39.9	13.46	41.0	13.51

7. Capacity Tables

Cooling Capacity (14RT)

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	33.2	3.83	39.5	4.66	46.0	5.52	49.2	5.97	52.4	6.41	58.1	7.14	59.3	7.19
	12	33.2	3.95	39.5	4.85	46.0	5.71	49.2	6.13	52.4	6.62	58.1	7.52	59.3	7.60
	14	33.2	4.08	39.5	5.04	46.0	5.95	49.2	6.39	52.4	6.90	58.1	7.94	59.3	8.02
	16	33.2	4.20	39.5	5.21	46.0	6.20	49.2	6.70	52.4	7.27	58.1	8.33	59.3	8.44
	18	33.2	4.32	39.5	5.40	46.0	6.44	49.2	7.02	52.4	7.71	58.1	8.80	59.3	8.87
	20	33.2	4.48	39.5	5.60	46.0	6.82	49.2	7.52	52.4	8.25	58.1	9.22	59.3	9.29
	21	33.2	4.57	39.5	5.74	46.0	7.05	49.2	7.78	52.4	8.56	58.1	9.43	59.3	9.50
	23	33.2	4.84	39.5	6.14	46.0	7.57	49.2	8.35	52.4	9.17	58.1	9.87	59.3	9.95
	25	33.2	5.15	39.5	6.54	46.0	8.09	49.2	8.93	52.4	9.80	58.1	10.29	58.8	10.38
	27	33.2	5.50	39.5	6.98	46.0	8.65	49.2	9.55	52.4	10.42	56.9	10.78	58.1	10.86
	29	33.2	5.85	39.5	7.45	46.0	9.24	49.2	10.20	52.4	11.03	55.9	11.21	57.2	11.30
	31	33.2	6.25	39.5	7.95	46.0	9.85	49.2	10.89	52.4	11.59	55.0	11.65	56.4	11.74
	33	33.2	6.63	39.5	8.46	46.0	10.51	49.2	11.61	52.4	12.03	54.1	12.08	55.5	12.18
	35	33.2	7.05	39.5	9.00	46.0	11.19	49.2	12.39	51.6	12.46	53.2	12.51	54.5	12.61
	37	33.2	7.55	39.5	9.66	46.0	11.85	49.2	12.98	50.7	13.04	52.2	13.10	53.4	13.22
	39	33.2	8.10	39.5	10.37	46.0	12.56	49.2	13.61	49.9	13.67	51.3	13.73	52.5	13.85
	41	32.7	8.64	38.9	11.09	45.3	13.27	47.2	14.25	48.2	14.31	49.4	14.36	51.0	14.49
	43	31.6	9.15	37.6	11.76	43.7	13.90	45.3	14.79	45.8	14.85	47.2	14.89	48.4	15.03
	46	29.6	9.84	35.2	12.68	41.0	14.75	41.3	15.49	41.8	15.53	43.1	15.58	44.3	15.73
	48	26.2	8.50	31.1	10.97	35.4	12.61	35.9	13.14	36.3	13.18	37.5	13.21	38.5	13.32
90	10	29.9	3.21	35.7	3.86	41.5	4.55	44.3	4.90	47.1	5.28	52.9	5.91	58.7	6.57
	12	29.9	3.25	35.7	3.92	41.5	4.63	44.3	5.00	47.1	5.40	52.9	6.03	58.7	6.69
	14	29.9	3.31	35.7	4.00	41.5	4.73	44.3	5.10	47.1	5.50	52.9	6.14	58.7	6.82
	16	29.9	3.37	35.7	4.08	41.5	4.83	44.3	5.20	47.1	5.59	52.9	6.26	58.7	6.94
	18	29.9	3.43	35.7	4.16	41.5	4.90	44.3	5.32	47.1	5.71	52.9	6.40	58.7	7.29
	20	29.9	3.49	35.7	4.23	41.5	5.00	44.3	5.42	47.1	5.93	52.9	6.84	58.7	7.64
	21	29.9	3.53	35.7	4.27	41.5	5.10	44.3	5.59	47.1	6.15	52.9	6.96	58.7	7.81
	23	29.9	3.60	35.7	4.45	41.5	5.46	44.3	6.01	47.1	6.58	52.9	7.38	57.9	8.18
	25	29.9	3.78	35.7	4.75	41.5	5.83	44.3	6.42	47.1	7.03	52.9	7.89	57.0	8.53
	27	29.9	4.04	35.7	5.06	41.5	6.22	44.3	6.85	47.1	7.52	52.9	8.39	56.2	8.93
	29	29.9	4.27	35.7	5.40	41.5	6.66	44.3	7.33	47.1	8.04	52.9	8.88	55.4	9.29
	31	29.9	4.55	35.7	5.75	41.5	7.09	44.3	7.80	47.1	8.57	52.9	9.33	54.5	9.65
	33	29.9	4.85	35.7	6.13	41.5	7.56	44.3	8.31	47.1	9.09	52.9	9.78	53.7	10.01
	35	29.9	5.14	35.7	6.50	41.5	8.04	44.3	8.86	47.1	9.64	52.0	10.34	52.9	10.58
	37	29.9	5.46	35.7	6.91	41.5	8.57	44.3	9.42	47.1	10.17	51.1	10.81	52.0	11.05
	39	29.9	5.78	35.7	7.35	41.5	9.07	44.3	10.02	47.1	10.70	50.3	11.39	51.2	11.53
	41	29.1	6.46	34.8	8.15	40.4	9.95	43.1	10.96	45.9	11.55	48.2	12.01	49.1	12.28
	43	28.4	6.98	33.9	8.81	39.4	10.87	42.1	11.80	44.8	12.38	46.2	12.86	47.1	13.01
	46	26.6	7.85	31.8	10.03	36.9	12.39	39.4	13.38	40.7	13.76	42.2	14.11	43.0	14.13
	48	23.5	6.86	28.1	8.78	32.7	10.84	34.9	11.67	35.3	11.86	36.7	12.15	37.4	12.17
80	10	26.5	2.70	31.6	3.24	36.7	3.81	39.4	4.11	42.0	4.41	47.1	5.02	52.2	5.46
	12	26.5	2.76	31.6	3.28	36.7	3.88	39.4	4.18	42.0	4.48	47.1	5.12	52.2	5.56
	14	26.5	2.79	31.6	3.36	36.7	3.94	39.4	4.26	42.0	4.56	47.1	5.21	52.2	5.67
	16	26.5	2.83	31.6	3.41	36.7	4.01	39.4	4.33	42.0	4.65	47.1	5.32	52.2	5.78
	18	26.5	2.89	31.6	3.47	36.7	4.09	39.4	4.41	42.0	4.74	47.1	5.42	52.2	5.91
	20	26.5	2.94	31.6	3.54	36.7	4.18	39.4	4.50	42.0	4.84	47.1	5.62	52.2	6.26
	21	26.5	2.96	31.6	3.58	36.7	4.22	39.4	4.56	42.0	4.95	47.1	5.80	52.2	6.42
	23	26.5	3.02	31.6	3.64	36.7	4.41	39.4	4.84	42.0	5.29	47.1	6.13	52.2	6.74
	25	26.5	3.13	31.6	3.88	36.7	4.72	39.4	5.17	42.0	5.66	47.1	6.56	52.2	7.21
	27	26.5	3.32	31.6	4.12	36.7	5.04	39.4	5.53	42.0	6.04	47.1	6.97	52.2	7.58
	29	26.5	3.52	31.6	4.41	36.7	5.36	39.4	5.89	42.0	6.45	47.1	7.46	52.2	8.12
	31	26.5	3.75	31.6	4.67	36.7	5.72	39.4	6.28	42.0	6.86	47.1	7.92	52.2	8.52
	33	26.5	3.97	31.6	4.99	36.7	6.09	39.4	6.69	42.0	7.31	47.1	8.35	52.2	8.93
	35	26.5	4.22	31.6	5.29	36.7	6.49	39.4	7.12	42.0	7.80	47.1	8.85	51.6	9.26
	37	26.5	4.46	31.6	5.62	36.7	6.88	39.4	7.57	42.0	8.29	47.1	9.34	50.8	9.68
	39	26.5	4.72	31.6	5.94	36.7	7.36	39.4	8.14	42.0	8.91	47.1	9.87	50.0	10.21
	41	25.9	5.22	30.8	6.59	35.8	8.08	38.4	8.93	40.9	9.78	45.9	10.98	47.9	11.32
	43	25.2	5.74	30.1	7.19	34.9	8.82	37.4	9.73	39.9	10.69	44.8	11.75	45.9	12.12
	46	23.6	6.39	28.2	8.09	32.7	9.94	35.1	10.83	37.4	12.07	40.9	12.83	41.9	13.03
	48	20.9	5.58	24.9	7.08	28.9	8.69	31.0	9.46	33.1	10.56	35.5	11.10	36.4	11.22

7. Capacity Tables

Cooling Capacity (14RT)

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	2.38	27.8	2.83	32.2	3.28	34.4	3.54	36.7	3.78	41.1	4.31	45.7	4.82
	12	23.2	2.42	27.8	2.87	32.2	3.35	34.4	3.60	36.7	3.86	41.1	4.38	45.7	4.91
	14	23.2	2.45	27.8	2.90	32.2	3.41	34.4	3.65	36.7	3.92	41.1	4.48	45.7	5.00
	16	23.2	2.49	27.8	2.96	32.2	3.47	34.4	3.73	36.7	3.99	41.1	4.55	45.7	5.11
	18	23.2	2.53	27.8	3.02	32.2	3.54	34.4	3.80	36.7	4.07	41.1	4.63	45.7	5.20
	20	23.2	2.57	27.8	3.07	32.2	3.60	34.4	3.88	36.7	4.16	41.1	4.74	45.7	5.40
	21	23.2	2.60	27.8	3.09	32.2	3.63	34.4	3.92	36.7	4.20	41.1	4.82	45.7	5.51
	23	23.2	2.64	27.8	3.17	32.2	3.71	34.4	4.05	36.7	4.40	41.1	5.15	45.7	5.82
	25	23.2	2.68	27.8	3.28	32.2	3.95	34.4	4.33	36.7	4.70	41.1	5.51	45.7	6.10
	27	23.2	2.83	27.8	3.50	32.2	4.22	34.4	4.59	36.7	5.02	41.1	5.88	45.7	6.48
	29	23.2	3.02	27.8	3.71	32.2	4.48	34.4	4.89	36.7	5.34	41.1	6.28	45.7	6.95
	31	23.2	3.20	27.8	3.95	32.2	4.78	34.4	5.23	36.7	5.70	41.1	6.69	45.7	7.37
	33	23.2	3.39	27.8	4.18	32.2	5.08	34.4	5.55	36.7	6.05	41.1	7.12	45.7	7.85
	35	23.2	3.58	27.8	4.46	32.2	5.40	34.4	5.90	36.7	6.45	41.1	7.59	45.7	8.32
	37	23.2	3.80	27.8	4.72	32.2	5.73	34.4	6.28	36.7	6.86	41.1	8.08	45.7	8.78
	39	23.2	4.04	27.8	5.04	32.2	6.13	34.4	6.75	36.7	7.41	41.1	8.64	45.7	9.47
	41	22.6	4.47	27.1	5.52	31.3	6.72	33.6	7.41	35.8	8.05	40.1	9.49	44.5	10.21
	43	22.0	4.86	26.4	6.01	30.6	7.34	32.7	8.08	34.9	8.79	39.1	10.37	43.4	11.04
	46	20.7	5.40	24.7	6.76	28.6	8.26	30.7	9.00	32.7	9.91	36.6	11.70	40.7	12.31
	48	18.3	4.71	21.9	5.91	25.3	7.22	27.1	7.86	28.9	8.67	32.4	10.23	36.0	10.65
60	10	19.9	2.06	23.7	2.42	27.6	2.81	29.5	3.01	31.5	3.20	35.3	3.63	39.2	4.06
	12	19.9	2.10	23.7	2.45	27.6	2.85	29.5	3.05	31.5	3.26	35.3	3.69	39.2	4.14
	14	19.9	2.12	23.7	2.49	27.6	2.90	29.5	3.11	31.5	3.31	35.3	3.76	39.2	4.21
	16	19.9	2.15	23.7	2.55	27.6	2.94	29.5	3.16	31.5	3.39	35.3	3.84	39.2	4.29
	18	19.9	2.19	23.7	2.58	27.6	3.00	29.5	3.22	31.5	3.45	35.3	3.89	39.2	4.38
	20	19.9	2.23	23.7	2.62	27.6	3.05	29.5	3.28	31.5	3.50	35.3	3.97	39.2	4.48
	21	19.9	2.25	23.7	2.64	27.6	3.09	29.5	3.31	31.5	3.54	35.3	4.03	39.2	4.51
	23	19.9	2.28	23.7	2.70	27.6	3.13	29.5	3.37	31.5	3.61	35.3	4.18	39.2	4.79
	25	19.9	2.32	23.7	2.75	27.6	3.26	29.5	3.54	31.5	3.84	35.3	4.46	39.2	5.13
	27	19.9	2.40	23.7	2.90	27.6	3.46	29.5	3.76	31.5	4.08	35.3	4.74	39.2	5.47
	29	19.9	2.55	23.7	3.09	27.6	3.69	29.5	4.01	31.5	4.34	35.3	5.06	39.2	5.84
	31	19.9	2.70	23.7	3.28	27.6	3.91	29.5	4.27	31.5	4.62	35.3	5.39	39.2	6.22
	33	19.9	2.85	23.7	3.46	27.6	4.16	29.5	4.53	31.5	4.92	35.3	5.73	39.2	6.63
	35	19.9	3.01	23.7	3.69	27.6	4.42	29.5	4.81	31.5	5.22	35.3	6.10	39.2	7.04
	37	19.9	3.18	23.7	3.89	27.6	4.68	29.5	5.11	31.5	5.54	35.3	6.48	39.2	7.49
	39	19.9	3.39	23.7	4.15	27.6	5.05	29.5	5.48	31.5	5.96	35.3	6.95	39.2	8.03
	41	19.3	3.67	23.1	4.54	26.9	5.49	28.8	5.99	30.6	6.47	34.4	7.62	38.2	8.72
	43	18.9	3.99	22.5	4.94	26.2	5.98	28.1	6.53	29.9	7.06	33.6	8.32	37.2	9.53
	46	17.7	4.47	21.1	5.54	24.6	6.73	26.3	7.34	28.0	7.94	31.5	9.38	34.9	10.85
	48	15.6	3.89	18.7	4.84	21.7	5.88	23.3	6.41	24.8	6.94	27.8	8.20	30.9	9.50
50	10	16.6	1.78	19.9	2.06	23.0	2.34	24.6	2.51	26.2	2.66	29.3	2.99	32.7	3.33
	12	16.6	1.80	19.9	2.08	23.0	2.38	24.6	2.54	26.2	2.71	29.3	3.05	32.7	3.39
	14	16.6	1.82	19.9	2.11	23.0	2.41	24.6	2.58	26.2	2.75	29.3	3.09	32.7	3.44
	16	16.6	1.85	19.9	2.15	23.0	2.45	24.6	2.64	26.2	2.79	29.3	3.14	32.7	3.50
	18	16.6	1.87	19.9	2.17	23.0	2.49	24.6	2.68	26.2	2.84	29.3	3.20	32.7	3.57
	20	16.6	1.89	19.9	2.21	23.0	2.54	24.6	2.71	26.2	2.90	29.3	3.26	32.7	3.65
	21	16.6	1.91	19.9	2.23	23.0	2.56	24.6	2.75	26.2	2.92	29.3	3.29	32.7	3.69
	23	16.6	1.95	19.9	2.26	23.0	2.60	24.6	2.79	26.2	2.98	29.3	3.35	32.7	3.76
	25	16.6	1.96	19.9	2.30	23.0	2.66	24.6	2.84	26.2	3.07	29.3	3.52	32.7	4.02
	27	16.6	2.00	19.9	2.38	23.0	2.81	24.6	3.03	26.2	3.26	29.3	3.76	32.7	4.29
	29	16.6	2.11	19.9	2.53	23.0	2.98	24.6	3.22	26.2	3.46	29.3	3.99	32.7	4.55
	31	16.6	2.23	19.9	2.68	23.0	3.16	24.6	3.41	26.2	3.69	29.3	4.25	32.7	4.85
	33	16.6	2.36	19.9	2.83	23.0	3.35	24.6	3.61	26.2	3.91	29.3	4.51	32.7	5.16
	35	16.6	2.49	19.9	2.99	23.0	3.54	24.6	3.84	26.2	4.14	29.3	4.77	32.7	5.48
	37	16.6	2.64	19.9	3.16	23.0	3.74	24.6	4.06	26.2	4.38	29.3	5.09	32.7	5.82
	39	16.6	2.81	19.9	3.39	23.0	4.01	24.6	4.37	26.2	4.70	29.3	5.42	32.7	6.29
	41	16.2	3.04	19.3	3.67	22.4	4.38	24.0	4.73	25.5	5.09	28.6	5.94	31.8	6.83
	43	15.8	3.31	18.9	3.99	21.9	4.77	23.4	5.15	24.9	5.54	27.9	6.48	31.1	7.45
	46	14.8	3.70	17.7	4.48	20.5	5.35	21.9	5.79	23.3	6.22	26.1	7.29	29.1	8.38
	48	13.1	3.23	15.6	3.90	18.1	4.67	19.4	5.05	20.6	5.43	23.1	6.37	25.7	7.33

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

◆ ARUV192BTE5 / ARUV192DTE5

Cooling Capacity (16RT)

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	55.8	5.90	66.4	7.21	71.2	8.37	73.2	8.54	75.3	8.60	78.9	8.67	80.9	8.71
	12	55.8	6.05	66.4	7.47	71.2	8.71	73.2	8.77	75.3	8.84	78.9	8.91	80.9	8.99
	14	55.8	6.25	66.4	7.74	71.2	9.04	73.2	9.10	75.3	9.18	78.9	9.25	80.9	9.33
	16	55.8	6.48	66.4	8.01	71.2	9.44	73.2	9.53	75.3	9.61	78.9	9.69	80.9	9.77
	18	55.8	6.75	66.4	8.47	71.2	9.88	73.2	10.09	75.3	10.17	78.9	10.27	80.9	10.34
	20	55.8	7.05	66.4	9.03	71.2	10.36	73.2	11.10	75.3	11.19	77.7	11.30	79.8	11.38
	21	55.8	7.23	66.4	9.34	71.2	10.58	73.2	11.74	75.3	11.84	77.3	11.96	79.3	12.04
	23	55.8	7.76	66.4	9.83	71.2	11.13	73.2	12.96	74.3	13.06	76.2	13.19	78.2	13.28
	25	55.8	8.29	66.4	10.39	71.2	11.89	72.3	14.37	73.2	14.49	75.3	14.63	77.3	14.73
	27	55.8	8.87	66.4	11.11	70.3	12.67	71.2	15.82	72.3	15.95	74.3	16.11	76.2	16.22
	29	55.8	9.45	66.4	11.88	69.1	13.63	70.1	17.39	71.2	17.49	73.2	17.65	75.3	17.72
	31	55.8	10.08	66.2	12.51	68.0	14.50	69.1	17.31	70.1	17.42	72.1	17.57	74.1	17.64
	33	55.8	10.74	65.0	13.26	67.1	15.55	68.2	17.16	69.1	17.26	71.2	17.41	73.0	17.48
	35	55.8	11.46	63.9	13.88	65.9	16.85	67.1	16.93	68.2	17.03	70.0	17.19	72.1	17.25
	37	55.8	12.22	63.0	14.57	65.0	16.63	65.9	16.71	67.1	16.81	68.9	16.96	71.0	17.03
	39	55.8	13.01	61.9	15.34	63.9	16.40	65.0	16.49	65.9	16.58	68.0	16.73	70.0	16.80
	41	54.3	13.80	59.3	16.10	61.3	16.18	62.2	16.26	63.5	16.36	65.4	16.51	67.1	16.57
	43	53.0	14.55	56.8	15.88	58.8	15.96	59.7	16.04	60.9	16.13	62.8	16.28	64.5	16.34
	46	49.7	15.58	51.9	15.55	53.7	15.62	54.6	15.70	55.7	15.80	57.5	15.94	59.1	16.00
	48	43.9	15.14	45.0	15.19	46.7	15.22	47.5	15.26	48.5	15.39	50.0	15.49	51.4	15.55
120	10	50.5	5.31	60.0	6.51	65.6	7.73	67.6	8.36	69.6	8.49	73.3	8.53	75.1	8.59
	12	50.5	5.45	60.0	6.73	65.6	8.05	67.6	8.54	69.6	8.81	73.3	8.91	75.1	8.98
	14	50.5	5.64	60.0	6.96	65.6	8.37	67.6	8.86	69.6	9.13	73.3	9.26	75.1	9.34
	16	50.5	5.84	60.0	7.24	65.6	8.69	67.6	9.19	69.6	9.55	73.3	9.67	75.1	9.74
	18	50.5	6.07	60.0	7.57	65.6	9.04	67.6	9.67	69.6	10.04	73.3	10.15	75.1	10.24
	20	50.5	6.30	60.0	8.02	65.6	9.53	67.6	10.18	69.6	10.57	73.3	10.71	75.1	10.80
	21	50.5	6.49	60.0	8.31	65.6	9.80	67.6	10.48	69.6	10.92	73.3	11.06	75.1	11.15
	23	50.5	6.94	60.0	8.90	65.6	10.50	67.6	11.14	69.6	11.64	73.3	11.76	75.1	11.85
	25	50.5	7.42	60.0	9.53	65.6	11.07	67.6	11.87	69.6	12.48	72.5	12.59	74.2	12.69
	27	50.5	7.92	60.0	10.19	65.6	11.78	67.6	12.68	69.6	13.42	71.3	13.51	73.1	13.61
	29	50.5	8.45	60.0	10.87	65.6	12.40	67.6	13.57	68.4	14.30	70.2	14.51	72.2	14.63
	31	50.5	9.00	60.0	11.61	65.6	13.04	66.7	14.54	67.6	15.34	69.3	15.61	71.1	15.73
	33	50.5	9.58	60.0	12.38	64.7	13.79	65.6	15.78	66.4	16.47	68.2	16.66	70.0	16.79
	35	50.5	10.19	60.0	13.20	63.6	14.60	64.4	17.39	65.6	17.47	67.4	17.53	69.1	17.67
	37	50.5	10.96	60.0	13.93	62.7	15.56	63.6	17.02	64.4	17.11	66.2	17.16	68.0	17.29
	39	50.5	11.80	59.8	14.72	61.6	16.51	62.4	16.67	63.3	16.76	65.4	16.81	67.1	16.94
	41	49.2	12.64	57.2	15.51	59.1	16.18	59.9	16.32	60.8	16.40	62.6	16.45	64.4	16.58
	43	48.0	13.49	54.8	15.29	56.7	15.82	57.5	15.97	58.3	16.05	60.1	16.10	61.8	16.23
	46	44.9	14.50	49.9	14.92	51.8	15.32	52.5	15.45	53.3	15.53	54.9	15.57	56.6	15.70
	48	39.8	14.21	43.4	14.66	45.0	15.02	45.7	15.11	46.4	15.16	47.8	15.22	49.2	15.28
110	10	45.2	4.77	53.9	5.82	60.2	6.91	61.9	7.48	65.8	8.05	67.4	8.28	71.9	8.41
	12	45.2	4.92	53.9	6.02	60.2	7.20	61.9	7.69	65.8	8.36	67.4	8.62	71.9	8.82
	14	45.2	5.08	53.9	6.29	60.2	7.53	61.9	8.07	65.8	8.78	67.4	9.03	71.9	9.22
	16	45.2	5.26	53.9	6.52	60.2	7.84	61.9	8.43	65.8	9.18	67.4	9.43	71.9	9.60
	18	45.2	5.45	53.9	6.79	60.2	8.29	61.9	8.87	65.8	9.68	67.4	9.88	71.9	10.06
	20	45.2	5.65	53.9	7.13	60.2	8.79	61.9	9.28	65.8	10.15	67.4	10.40	71.9	10.57
	21	45.2	5.77	53.9	7.34	60.2	9.02	61.9	9.53	65.8	10.44	67.4	10.70	71.9	10.87
	23	45.2	6.15	53.9	7.87	60.2	9.52	61.9	10.06	65.8	11.03	67.4	11.26	71.9	11.45
	25	45.2	6.57	53.9	8.39	60.2	10.06	61.9	10.64	65.8	11.65	67.4	11.82	71.0	12.06
	27	45.2	7.02	53.9	8.97	60.2	10.63	61.9	11.26	65.8	12.17	67.4	12.45	70.0	12.66
	29	45.2	7.50	53.9	9.58	60.2	11.23	61.9	11.92	65.8	12.86	67.4	13.08	69.1	13.28
	31	45.2	7.97	53.9	10.21	60.2	11.87	61.9	12.63	64.8	13.51	66.5	13.78	68.0	13.92
	33	45.2	8.50	53.9	10.87	60.2	12.54	61.9	13.39	63.9	14.27	65.4	14.50	67.1	14.58
	35	45.2	9.03	53.9	11.61	60.2	13.24	61.9	14.19	62.8	15.06	64.3	15.20	66.1	15.27
	37	45.2	9.57	53.9	12.33	60.2	13.98	61.1	15.03	61.7	15.88	63.5	15.94	65.0	15.98
	39	45.2	10.31	53.9	13.10	59.1	14.75	60.0	16.07	60.9	16.67	62.4	16.70	64.1	16.71
	41	44.0	11.06	52.5	13.87	56.6	15.55	57.5	17.39	58.2	17.39	59.9	17.53	61.4	17.67
	43	43.0	11.62	51.2	14.45	54.2	16.49	55.1	16.68	55.8	16.64	57.5	16.74	58.9	16.78
	46	40.3	11.34	48.0	13.95	49.5	15.65	50.3	15.65	51.0	15.79	52.5	15.87	53.9	15.92
	48	35.6	11.01	41.7	13.44	43.0	14.89	43.7	14.99	44.3	15.06	45.7	15.11	46.9	15.17

7. Capacity Tables

Cooling Capacity (16RT)

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	4.30	45.2	5.23	52.7	6.20	56.3	6.70	59.9	7.20	66.4	8.01	67.9	8.08
	12	38.0	4.44	45.2	5.44	52.7	6.41	56.3	6.88	59.9	7.43	66.4	8.44	67.9	8.53
	14	38.0	4.58	45.2	5.66	52.7	6.68	56.3	7.18	59.9	7.75	66.4	8.92	67.9	9.00
	16	38.0	4.72	45.2	5.84	52.7	6.97	56.3	7.52	59.9	8.17	66.4	9.35	67.9	9.48
	18	38.0	4.85	45.2	6.06	52.7	7.23	56.3	7.88	59.9	8.66	66.4	9.87	67.9	9.95
	20	38.0	5.03	45.2	6.29	52.7	7.65	56.3	8.45	59.9	9.26	66.4	10.35	67.9	10.43
	21	38.0	5.13	45.2	6.44	52.7	7.92	56.3	8.74	59.9	9.61	66.4	10.58	67.9	10.67
	23	38.0	5.44	45.2	6.89	52.7	8.50	56.3	9.37	59.9	10.29	66.4	11.08	67.9	11.17
	25	38.0	5.78	45.2	7.34	52.7	9.08	56.3	10.03	59.9	11.01	66.4	11.56	67.3	11.65
	27	38.0	6.18	45.2	7.84	52.7	9.71	56.3	10.72	59.9	11.70	65.1	12.10	66.5	12.20
	29	38.0	6.57	45.2	8.37	52.7	10.37	56.3	11.46	59.9	12.39	63.9	12.59	65.5	12.69
	31	38.0	7.02	45.2	8.92	52.7	11.06	56.3	12.22	59.9	13.01	63.0	13.07	64.5	13.18
	33	38.0	7.44	45.2	9.50	52.7	11.80	56.3	13.04	59.9	13.50	62.0	13.56	63.5	13.67
	35	38.0	7.92	45.2	10.11	52.7	12.56	56.3	13.91	59.0	13.99	60.8	14.05	62.4	14.16
	37	38.0	8.48	45.2	10.84	52.7	13.31	56.3	14.57	58.0	14.64	59.7	14.70	61.1	14.84
	39	38.0	9.09	45.2	11.65	52.7	14.10	56.3	15.28	57.1	15.35	58.7	15.41	60.1	15.55
	41	37.4	9.70	44.5	12.45	51.8	14.90	54.0	16.00	55.2	16.06	56.5	16.12	58.3	16.27
	43	36.1	10.27	43.0	13.20	50.1	15.61	51.8	16.61	52.4	16.67	54.0	16.72	55.4	16.88
	46	33.8	11.05	40.3	14.23	46.9	16.56	47.3	17.39	47.8	17.44	49.3	17.49	50.7	17.66
	48	29.9	9.54	35.6	12.31	40.5	14.15	41.1	14.75	41.5	14.80	42.9	14.83	44.1	14.95
90	10	34.2	3.79	40.8	4.56	47.5	5.38	50.7	5.79	53.9	6.24	60.5	6.98	67.2	7.76
	12	34.2	3.84	40.8	4.63	47.5	5.47	50.7	5.91	53.9	6.38	60.5	7.12	67.2	7.90
	14	34.2	3.91	40.8	4.72	47.5	5.59	50.7	6.03	53.9	6.49	60.5	7.26	67.2	8.06
	16	34.2	3.98	40.8	4.82	47.5	5.70	50.7	6.14	53.9	6.61	60.5	7.40	67.2	8.20
	18	34.2	4.05	40.8	4.91	47.5	5.79	50.7	6.28	53.9	6.75	60.5	7.56	67.2	8.61
	20	34.2	4.12	40.8	5.00	47.5	5.91	50.7	6.40	53.9	7.00	60.5	8.09	67.2	9.02
	21	34.2	4.17	40.8	5.05	47.5	6.03	50.7	6.61	53.9	7.26	60.5	8.22	67.2	9.23
	23	34.2	4.26	40.8	5.26	47.5	6.45	50.7	7.10	53.9	7.77	60.5	8.72	66.2	9.66
	25	34.2	4.47	40.8	5.61	47.5	6.89	50.7	7.59	53.9	8.31	60.5	9.32	65.3	10.08
	27	34.2	4.77	40.8	5.98	47.5	7.35	50.7	8.10	53.9	8.89	60.5	9.91	64.3	10.55
	29	34.2	5.05	40.8	6.38	47.5	7.87	50.7	8.66	53.9	9.49	60.5	10.50	63.4	10.98
	31	34.2	5.38	40.8	6.80	47.5	8.38	50.7	9.22	53.9	10.12	60.5	11.02	62.4	11.40
	33	34.2	5.72	40.8	7.24	47.5	8.94	50.7	9.82	53.9	10.74	60.5	11.55	61.5	11.83
	35	34.2	6.07	40.8	7.68	47.5	9.49	50.7	10.47	53.9	11.39	59.5	12.21	60.5	12.49
	37	34.2	6.45	40.8	8.17	47.5	10.12	50.7	11.13	53.9	12.02	58.5	12.77	59.5	13.05
	39	34.2	6.83	40.8	8.69	47.5	10.72	50.7	11.84	53.9	12.64	57.6	13.46	58.6	13.62
	41	33.3	7.64	39.8	9.63	46.2	11.76	49.4	12.95	52.5	13.65	55.2	14.19	56.1	14.51
	43	32.5	8.24	38.8	10.41	45.1	12.85	48.2	13.94	51.2	14.63	52.9	15.19	53.9	15.38
	46	30.4	9.28	36.4	11.85	42.3	14.64	45.1	15.81	46.5	16.25	48.3	16.68	49.2	16.70
	48	26.9	8.11	32.2	10.37	37.4	12.81	39.9	13.79	40.4	14.01	42.0	14.35	42.8	14.37
80	10	30.4	3.22	36.2	3.87	42.0	4.54	45.0	4.89	48.1	5.25	53.9	5.99	59.7	6.50
	12	30.4	3.29	36.2	3.91	42.0	4.63	45.0	4.98	48.1	5.34	53.9	6.10	59.7	6.63
	14	30.4	3.33	36.2	4.00	42.0	4.69	45.0	5.07	48.1	5.43	53.9	6.21	59.7	6.76
	16	30.4	3.37	36.2	4.07	42.0	4.78	45.0	5.16	48.1	5.54	53.9	6.35	59.7	6.89
	18	30.4	3.44	36.2	4.13	42.0	4.87	45.0	5.25	48.1	5.65	53.9	6.46	59.7	7.04
	20	30.4	3.51	36.2	4.22	42.0	4.98	45.0	5.36	48.1	5.77	53.9	6.70	59.7	7.46
	21	30.4	3.53	36.2	4.27	42.0	5.03	45.0	5.43	48.1	5.90	53.9	6.92	59.7	7.66
	23	30.4	3.60	36.2	4.34	42.0	5.25	45.0	5.77	48.1	6.30	53.9	7.30	59.7	8.03
	25	30.4	3.73	36.2	4.63	42.0	5.63	45.0	6.17	48.1	6.75	53.9	7.81	59.7	8.59
	27	30.4	3.96	36.2	4.92	42.0	6.01	45.0	6.59	48.1	7.20	53.9	8.30	59.7	9.04
	29	30.4	4.20	36.2	5.25	42.0	6.39	45.0	7.02	48.1	7.69	53.9	8.90	59.7	9.67
	31	30.4	4.47	36.2	5.56	42.0	6.82	45.0	7.49	48.1	8.18	53.9	9.44	59.7	10.16
	33	30.4	4.74	36.2	5.94	42.0	7.26	45.0	7.98	48.1	8.72	53.9	9.95	59.7	10.65
	35	30.4	5.03	36.2	6.30	42.0	7.73	45.0	8.49	48.1	9.30	53.9	10.55	59.1	11.04
	37	30.4	5.32	36.2	6.70	42.0	8.20	45.0	9.03	48.1	9.88	53.9	11.13	58.1	11.54
	39	30.4	5.62	36.2	7.08	42.0	8.77	45.0	9.71	48.1	10.62	53.9	11.76	57.2	12.17
	41	29.6	6.22	35.3	7.85	40.9	9.63	43.9	10.64	46.8	11.66	52.5	13.09	54.8	13.49
	43	28.9	6.85	34.4	8.57	39.9	10.51	42.8	11.60	45.7	12.75	51.2	14.00	52.5	14.44
	46	27.0	7.62	32.2	9.65	37.4	11.84	40.1	12.91	42.8	14.38	46.8	15.29	47.9	15.53
	48	23.9	6.65	28.5	8.44	33.1	10.36	35.5	11.27	37.9	12.59	40.7	13.23	41.6	13.37

7. Capacity Tables

Cooling Capacity (16RT)

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	26.5	2.86	31.8	3.40	36.8	3.94	39.4	4.26	42.0	4.55	47.1	5.18	52.3	5.80
	12	26.5	2.91	31.8	3.45	36.8	4.03	39.4	4.33	42.0	4.64	47.1	5.27	52.3	5.91
	14	26.5	2.95	31.8	3.49	36.8	4.10	39.4	4.39	42.0	4.71	47.1	5.39	52.3	6.01
	16	26.5	3.00	31.8	3.56	36.8	4.17	39.4	4.48	42.0	4.80	47.1	5.48	52.3	6.14
	18	26.5	3.04	31.8	3.63	36.8	4.26	39.4	4.57	42.0	4.89	47.1	5.57	52.3	6.25
	20	26.5	3.09	31.8	3.70	36.8	4.33	39.4	4.66	42.0	5.00	47.1	5.70	52.3	6.49
	21	26.5	3.13	31.8	3.72	36.8	4.37	39.4	4.71	42.0	5.05	47.1	5.79	52.3	6.63
	23	26.5	3.18	31.8	3.81	36.8	4.46	39.4	4.87	42.0	5.30	47.1	6.20	52.3	7.00
	25	26.5	3.22	31.8	3.94	36.8	4.75	39.4	5.21	42.0	5.66	47.1	6.62	52.3	7.34
	27	26.5	3.40	31.8	4.21	36.8	5.07	39.4	5.52	42.0	6.04	47.1	7.08	52.3	7.80
	29	26.5	3.63	31.8	4.46	36.8	5.39	39.4	5.88	42.0	6.42	47.1	7.55	52.3	8.35
	31	26.5	3.85	31.8	4.75	36.8	5.75	39.4	6.29	42.0	6.85	47.1	8.04	52.3	8.86
	33	26.5	4.08	31.8	5.02	36.8	6.11	39.4	6.67	42.0	7.28	47.1	8.56	52.3	9.44
	35	26.5	4.30	31.8	5.36	36.8	6.49	39.4	7.10	42.0	7.75	47.1	9.13	52.3	10.01
	37	26.5	4.57	31.8	5.68	36.8	6.89	39.4	7.55	42.0	8.25	47.1	9.71	52.3	10.56
	39	26.5	4.86	31.8	6.06	36.8	7.37	39.4	8.12	42.0	8.91	47.1	10.39	52.3	11.38
	41	25.9	5.37	31.0	6.64	35.9	8.09	38.4	8.91	40.9	9.68	45.8	11.42	50.9	12.28
	43	25.2	5.85	30.2	7.23	35.0	8.82	37.5	9.71	39.9	10.58	44.7	12.47	49.7	13.28
	46	23.6	6.50	28.3	8.13	32.8	9.94	35.1	10.82	37.4	11.92	41.9	14.07	46.6	14.80
	48	20.9	5.67	25.0	7.10	29.0	8.69	31.0	9.45	33.1	10.43	37.1	12.31	41.2	12.81
60	10	22.7	2.50	27.1	2.93	31.6	3.41	33.8	3.66	36.0	3.88	40.4	4.41	44.8	4.93
	12	22.7	2.54	27.1	2.98	31.6	3.45	33.8	3.70	36.0	3.95	40.4	4.48	44.8	5.02
	14	22.7	2.57	27.1	3.02	31.6	3.52	33.8	3.77	36.0	4.02	40.4	4.57	44.8	5.11
	16	22.7	2.61	27.1	3.09	31.6	3.57	33.8	3.84	36.0	4.11	40.4	4.66	44.8	5.20
	18	22.7	2.66	27.1	3.13	31.6	3.63	33.8	3.91	36.0	4.18	40.4	4.73	44.8	5.32
	20	22.7	2.70	27.1	3.18	31.6	3.70	33.8	3.98	36.0	4.25	40.4	4.82	44.8	5.43
	21	22.7	2.73	27.1	3.20	31.6	3.75	33.8	4.02	36.0	4.29	40.4	4.88	44.8	5.47
	23	22.7	2.77	27.1	3.27	31.6	3.79	33.8	4.09	36.0	4.38	40.4	5.07	44.8	5.82
	25	22.7	2.82	27.1	3.34	31.6	3.95	33.8	4.29	36.0	4.66	40.4	5.41	44.8	6.22
	27	22.7	2.91	27.1	3.52	31.6	4.20	33.8	4.57	36.0	4.95	40.4	5.75	44.8	6.63
	29	22.7	3.09	27.1	3.75	31.6	4.48	33.8	4.86	36.0	5.27	40.4	6.13	44.8	7.09
	31	22.7	3.27	27.1	3.98	31.6	4.75	33.8	5.18	36.0	5.61	40.4	6.54	44.8	7.54
	33	22.7	3.45	27.1	4.20	31.6	5.04	33.8	5.50	36.0	5.97	40.4	6.95	44.8	8.04
	35	22.7	3.66	27.1	4.48	31.6	5.36	33.8	5.84	36.0	6.34	40.4	7.41	44.8	8.54
	37	22.7	3.86	27.1	4.72	31.6	5.68	33.8	6.20	36.0	6.72	40.4	7.86	44.8	9.09
	39	22.7	4.11	27.1	5.03	31.6	6.13	33.8	6.65	36.0	7.24	40.4	8.43	44.8	9.74
	41	22.1	4.45	26.4	5.50	30.8	6.66	32.9	7.27	35.1	7.85	39.4	9.25	43.7	10.58
	43	21.6	4.84	25.8	5.99	30.0	7.26	32.1	7.92	34.2	8.57	38.4	10.10	42.6	11.56
	46	20.2	5.42	24.2	6.73	28.1	8.16	30.1	8.90	32.1	9.64	36.0	11.38	39.9	13.17
	48	17.9	4.72	21.4	5.87	24.9	7.13	26.6	7.78	28.4	8.42	31.8	9.95	35.3	11.52
50	10	19.0	2.18	22.7	2.52	26.3	2.86	28.2	3.07	30.0	3.25	33.6	3.66	37.4	4.08
	12	19.0	2.20	22.7	2.54	26.3	2.91	28.2	3.11	30.0	3.32	33.6	3.73	37.4	4.15
	14	19.0	2.22	22.7	2.59	26.3	2.95	28.2	3.16	30.0	3.37	33.6	3.78	37.4	4.21
	16	19.0	2.27	22.7	2.63	26.3	3.00	28.2	3.23	30.0	3.41	33.6	3.85	37.4	4.28
	18	19.0	2.29	22.7	2.66	26.3	3.05	28.2	3.27	30.0	3.48	33.6	3.92	37.4	4.37
	20	19.0	2.31	22.7	2.70	26.3	3.11	28.2	3.32	30.0	3.55	33.6	3.98	37.4	4.47
	21	19.0	2.34	22.7	2.73	26.3	3.14	28.2	3.37	30.0	3.57	33.6	4.03	37.4	4.51
	23	19.0	2.38	22.7	2.77	26.3	3.18	28.2	3.41	30.0	3.64	33.6	4.10	37.4	4.60
	25	19.0	2.40	22.7	2.82	26.3	3.25	28.2	3.48	30.0	3.76	33.6	4.31	37.4	4.92
	27	19.0	2.45	22.7	2.91	26.3	3.44	28.2	3.71	30.0	3.98	33.6	4.60	37.4	5.24
	29	19.0	2.59	22.7	3.09	26.3	3.64	28.2	3.94	30.0	4.24	33.6	4.88	37.4	5.56
	31	19.0	2.73	22.7	3.27	26.3	3.87	28.2	4.17	30.0	4.51	33.6	5.20	37.4	5.93
	33	19.0	2.89	22.7	3.46	26.3	4.10	28.2	4.42	30.0	4.79	33.6	5.52	37.4	6.32
	35	19.0	3.05	22.7	3.66	26.3	4.33	28.2	4.69	30.0	5.06	33.6	5.84	37.4	6.71
	37	19.0	3.23	22.7	3.87	26.3	4.58	28.2	4.97	30.0	5.36	33.6	6.23	37.4	7.12
	39	19.0	3.44	22.7	4.15	26.3	4.91	28.2	5.35	30.0	5.75	33.6	6.63	37.4	7.69
	41	18.5	3.72	22.1	4.49	25.7	5.37	27.4	5.79	29.2	6.23	32.7	7.27	36.4	8.35
	43	18.1	4.05	21.6	4.89	25.0	5.84	26.8	6.31	28.5	6.78	31.9	7.93	35.5	9.11
	46	16.9	4.53	20.2	5.48	23.5	6.55	25.1	7.08	26.7	7.61	29.9	8.92	33.3	10.26
	48	15.0	3.95	17.9	4.78	20.8	5.71	22.2	6.18	23.6	6.65	26.5	7.80	29.5	8.97

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

◆ ARUV216BTE5 / ARUV216DTE5

Cooling Capacity (18RT)

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	62.7	6.59	74.7	8.06	80.0	9.35	82.3	9.54	84.6	9.61	88.7	9.69	91.0	9.73
	12	62.7	6.76	74.7	8.34	80.0	9.73	82.3	9.79	84.6	9.87	88.7	9.95	91.0	10.04
	14	62.7	6.98	74.7	8.65	80.0	10.10	82.3	10.17	84.6	10.25	88.7	10.33	91.0	10.42
	16	62.7	7.24	74.7	8.95	80.0	10.55	82.3	10.65	84.6	10.73	88.7	10.83	91.0	10.91
	18	62.7	7.54	74.7	9.47	80.0	11.03	82.3	11.27	84.6	11.36	88.7	11.47	91.0	11.55
	20	62.7	7.87	74.7	10.08	80.0	11.58	82.3	12.40	84.6	12.50	87.4	12.62	89.7	12.71
	21	62.7	8.08	74.7	10.44	80.0	11.82	82.3	13.12	84.6	13.22	86.9	13.36	89.2	13.45
	23	62.7	8.67	74.7	10.98	80.0	12.44	82.3	14.48	83.5	14.59	85.6	14.74	87.9	14.84
	25	62.7	9.26	74.7	11.61	80.0	13.29	81.3	16.06	82.3	16.18	84.6	16.34	86.9	16.46
	27	62.7	9.91	74.7	12.41	79.0	14.16	80.0	17.68	81.3	17.82	83.5	17.99	85.6	18.12
	29	62.7	10.56	74.7	13.27	77.7	15.23	78.9	19.43	80.0	19.54	82.3	19.72	84.6	19.79
	31	62.7	11.26	74.4	13.98	76.4	16.20	77.7	19.34	78.9	19.46	81.0	19.63	83.3	19.71
	33	62.7	12.00	73.1	14.81	75.4	17.38	76.7	19.17	77.7	19.28	80.0	19.45	82.0	19.53
	35	62.7	12.80	71.9	15.51	74.1	18.82	75.4	18.92	76.7	19.03	78.7	19.20	81.0	19.28
	37	62.7	13.65	70.8	16.28	73.1	18.57	74.1	18.67	75.4	18.78	77.5	18.95	79.8	19.02
	39	62.7	14.53	69.6	17.14	71.9	18.33	73.1	18.42	74.1	18.53	76.4	18.69	78.7	18.77
	41	61.1	15.42	66.7	17.99	68.9	18.08	70.0	18.17	71.3	18.28	73.5	18.44	75.5	18.51
	43	59.6	16.26	63.9	17.74	66.1	17.83	67.1	17.92	68.5	18.03	70.6	18.19	72.5	18.26
	46	55.8	17.40	58.3	17.37	60.4	17.46	61.4	17.54	62.6	17.65	64.6	17.81	66.4	17.88
	48	49.4	16.92	50.6	16.97	52.5	17.01	53.4	17.05	54.5	17.20	56.3	17.31	57.8	17.38
120	10	56.7	5.93	67.5	7.27	73.7	8.64	76.0	9.34	78.2	9.49	82.5	9.52	84.5	9.60
	12	56.7	6.09	67.5	7.52	73.7	8.99	76.0	9.54	78.2	9.84	82.5	9.96	84.5	10.04
	14	56.7	6.30	67.5	7.77	73.7	9.35	76.0	9.90	78.2	10.20	82.5	10.35	84.5	10.43
	16	56.7	6.53	67.5	8.09	73.7	9.71	76.0	10.27	78.2	10.67	82.5	10.80	84.5	10.89
	18	56.7	6.78	67.5	8.45	73.7	10.10	76.0	10.81	78.2	11.22	82.5	11.34	84.5	11.43
	20	56.7	7.04	67.5	8.96	73.7	10.64	76.0	11.37	78.2	11.81	82.5	11.97	84.5	12.06
	21	56.7	7.25	67.5	9.29	73.7	10.94	76.0	11.71	78.2	12.20	82.5	12.35	84.5	12.45
	23	56.7	7.76	67.5	9.94	73.7	11.73	76.0	12.44	78.2	13.01	82.5	13.14	84.5	13.24
	25	56.7	8.29	67.5	10.65	73.7	12.37	76.0	13.26	78.2	13.95	81.5	14.06	83.5	14.18
	27	56.7	8.85	67.5	11.38	73.7	13.16	76.0	14.17	78.2	14.99	80.2	15.09	82.2	15.21
	29	56.7	9.44	67.5	12.15	73.7	13.85	76.0	15.16	77.0	15.97	79.0	16.21	81.2	16.34
	31	56.7	10.06	67.5	12.97	73.7	14.57	75.0	16.25	76.0	17.14	78.0	17.44	79.9	17.58
	33	56.7	10.70	67.5	13.83	72.7	15.41	73.7	17.63	74.7	18.40	76.7	18.61	78.7	18.76
	35	56.7	11.38	67.5	14.74	71.5	16.31	72.5	19.43	73.7	19.52	75.7	19.58	77.7	19.74
	37	56.7	12.24	67.5	15.56	70.5	17.39	71.5	19.02	72.5	19.11	74.5	19.17	76.5	19.32
	39	56.7	13.18	67.2	16.44	69.2	18.44	70.2	18.63	71.2	18.72	73.5	18.77	75.5	18.92
	41	55.3	14.12	64.3	17.33	66.5	18.08	67.4	18.24	68.4	18.33	70.4	18.38	72.4	18.53
	43	53.9	15.07	61.6	17.08	63.7	17.67	64.6	17.84	65.6	17.93	67.5	17.99	69.5	18.13
	46	50.5	16.20	56.2	16.67	58.2	17.12	59.1	17.26	60.0	17.34	61.8	17.40	63.6	17.53
	48	44.7	15.87	48.8	16.38	50.6	16.78	51.3	16.89	52.1	16.94	53.7	17.01	55.4	17.08
110	10	50.8	5.33	60.6	6.50	67.7	7.72	69.6	8.36	74.0	9.00	75.7	9.25	80.9	9.40
	12	50.8	5.50	60.6	6.72	67.7	8.04	69.6	8.60	74.0	9.33	75.7	9.63	80.9	9.86
	14	50.8	5.67	60.6	7.02	67.7	8.41	69.6	9.02	74.0	9.80	75.7	10.08	80.9	10.30
	16	50.8	5.87	60.6	7.28	67.7	8.76	69.6	9.42	74.0	10.26	75.7	10.54	80.9	10.72
	18	50.8	6.09	60.6	7.58	67.7	9.26	69.6	9.91	74.0	10.82	75.7	11.03	80.9	11.24
	20	50.8	6.31	60.6	7.96	67.7	9.82	69.6	10.37	74.0	11.34	75.7	11.62	80.9	11.81
	21	50.8	6.45	60.6	8.20	67.7	10.07	69.6	10.65	74.0	11.66	75.7	11.95	80.9	12.14
	23	50.8	6.87	60.6	8.79	67.7	10.63	69.6	11.24	74.0	12.32	75.7	12.58	80.9	12.79
	25	50.8	7.34	60.6	9.38	67.7	11.23	69.6	11.88	74.0	13.01	75.7	13.20	79.9	13.47
	27	50.8	7.84	60.6	10.03	67.7	11.87	69.6	12.58	74.0	13.59	75.7	13.90	78.7	14.14
	29	50.8	8.37	60.6	10.70	67.7	12.55	69.6	13.32	74.0	14.36	75.7	14.61	77.7	14.83
	31	50.8	8.91	60.6	11.41	67.7	13.26	69.6	14.11	72.8	15.09	74.8	15.39	76.5	15.55
	33	50.8	9.50	60.6	12.15	67.7	14.01	69.6	14.96	71.8	15.94	73.5	16.20	75.5	16.29
	35	50.8	10.08	60.6	12.97	67.7	14.79	69.6	15.85	70.6	16.82	72.3	16.98	74.3	17.06
	37	50.8	10.69	60.6	13.77	67.7	15.62	68.7	16.79	69.4	17.74	71.3	17.80	73.0	17.85
	39	50.8	11.52	60.6	14.63	66.5	16.48	67.4	17.96	68.4	18.62	70.1	18.65	72.1	18.67
	41	49.5	12.36	59.0	15.50	63.6	17.38	64.6	19.43	65.4	19.43	67.4	19.58	69.0	19.74
	43	48.3	12.98	57.6	16.14	61.0	18.43	62.0	18.63	62.8	18.59	64.6	18.70	66.3	18.75
	46	45.3	12.67	54.0	15.59	55.6	17.49	56.6	17.49	57.3	17.64	59.1	17.73	60.6	17.78
	48	40.0	12.30	46.9	15.01	48.3	16.64	49.2	16.75	49.8	16.83	51.4	16.88	52.7	16.94

7. Capacity Tables

Cooling Capacity (18RT)

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	42.7	4.80	50.9	5.84	59.2	6.93	63.3	7.48	67.4	8.04	74.7	8.95	76.3	9.02
	12	42.7	4.96	50.9	6.08	59.2	7.16	63.3	7.69	67.4	8.30	74.7	9.43	76.3	9.53
	14	42.7	5.11	50.9	6.32	59.2	7.46	63.3	8.02	67.4	8.66	74.7	9.96	76.3	10.05
	16	42.7	5.27	50.9	6.53	59.2	7.78	63.3	8.40	67.4	9.12	74.7	10.44	76.3	10.59
	18	42.7	5.42	50.9	6.77	59.2	8.08	63.3	8.81	67.4	9.67	74.7	11.03	76.3	11.12
	20	42.7	5.62	50.9	7.03	59.2	8.55	63.3	9.44	67.4	10.35	74.7	11.56	76.3	11.65
	21	42.7	5.73	50.9	7.19	59.2	8.85	63.3	9.76	67.4	10.73	74.7	11.82	76.3	11.92
	23	42.7	6.07	50.9	7.70	59.2	9.50	63.3	10.47	67.4	11.50	74.7	12.38	76.3	12.48
	25	42.7	6.46	50.9	8.20	59.2	10.14	63.3	11.21	67.4	12.30	74.7	12.91	75.7	13.01
	27	42.7	6.90	50.9	8.76	59.2	10.85	63.3	11.97	67.4	13.07	73.2	13.52	74.8	13.63
	29	42.7	7.34	50.9	9.35	59.2	11.59	63.3	12.80	67.4	13.84	71.9	14.06	73.7	14.17
	31	42.7	7.84	50.9	9.97	59.2	12.36	63.3	13.65	67.4	14.54	70.8	14.61	72.5	14.72
	33	42.7	8.32	50.9	10.62	59.2	13.18	63.3	14.57	67.4	15.09	69.7	15.15	71.4	15.27
	35	42.7	8.85	50.9	11.29	59.2	14.04	63.3	15.54	66.3	15.63	68.4	15.69	70.1	15.82
	37	42.7	9.47	50.9	12.11	59.2	14.87	63.3	16.28	65.2	16.36	67.1	16.43	68.7	16.58
	39	42.7	10.16	50.9	13.01	59.2	15.76	63.3	17.08	64.2	17.15	66.1	17.22	67.6	17.38
	41	42.1	10.84	50.1	13.91	58.3	16.64	60.7	17.87	62.1	17.94	63.5	18.01	65.6	18.17
	43	40.6	11.47	48.3	14.75	56.3	17.44	58.2	18.55	58.9	18.62	60.7	18.68	62.3	18.86
	46	38.1	12.34	45.3	15.90	52.8	18.50	53.2	19.43	53.7	19.48	55.5	19.54	57.0	19.72
	48	33.7	10.66	40.1	13.76	45.5	15.81	46.2	16.48	46.7	16.54	48.2	16.57	49.5	16.71
90	10	38.4	4.18	45.9	5.02	53.4	5.92	57.0	6.38	60.6	6.87	68.0	7.68	75.5	8.55
	12	38.4	4.23	45.9	5.10	53.4	6.02	57.0	6.51	60.6	7.02	68.0	7.84	75.5	8.70
	14	38.4	4.30	45.9	5.20	53.4	6.15	57.0	6.64	60.6	7.15	68.0	7.99	75.5	8.87
	16	38.4	4.38	45.9	5.30	53.4	6.28	57.0	6.76	60.6	7.28	68.0	8.14	75.5	9.03
	18	38.4	4.46	45.9	5.41	53.4	6.38	57.0	6.92	60.6	7.43	68.0	8.32	75.5	9.48
	20	38.4	4.53	45.9	5.51	53.4	6.51	57.0	7.05	60.6	7.71	68.0	8.90	75.5	9.93
	21	38.4	4.59	45.9	5.56	53.4	6.64	57.0	7.28	60.6	7.99	68.0	9.05	75.5	10.16
	23	38.4	4.69	45.9	5.79	53.4	7.10	57.0	7.81	60.6	8.56	68.0	9.59	74.5	10.64
	25	38.4	4.92	45.9	6.17	53.4	7.58	57.0	8.35	60.6	9.15	68.0	10.26	73.4	11.09
	27	38.4	5.25	45.9	6.58	53.4	8.10	57.0	8.92	60.6	9.79	68.0	10.91	72.3	11.61
	29	38.4	5.56	45.9	7.02	53.4	8.66	57.0	9.53	60.6	10.45	68.0	11.55	71.2	12.08
	31	38.4	5.92	45.9	7.48	53.4	9.22	57.0	10.15	60.6	11.14	68.0	12.13	70.2	12.55
	33	38.4	6.30	45.9	7.97	53.4	9.84	57.0	10.81	60.6	11.82	68.0	12.72	69.1	13.02
	35	38.4	6.69	45.9	8.45	53.4	10.45	57.0	11.53	60.6	12.53	66.9	13.45	68.0	13.75
	37	38.4	7.10	45.9	8.99	53.4	11.15	57.0	12.25	60.6	13.23	65.8	14.06	66.9	14.37
	39	38.4	7.51	45.9	9.56	53.4	11.80	57.0	13.03	60.6	13.91	64.7	14.82	65.9	15.00
	41	37.4	8.41	44.7	10.60	52.0	12.95	55.5	14.25	59.0	15.02	62.0	15.62	63.1	15.98
	43	36.5	9.08	43.6	11.46	50.7	14.14	54.1	15.35	57.6	16.11	59.5	16.72	60.5	16.93
	46	34.2	10.21	40.9	13.05	47.5	16.11	50.7	17.40	52.3	17.89	54.3	18.36	55.3	18.38
	48	30.3	8.93	36.2	11.41	42.0	14.10	44.9	15.18	45.4	15.42	47.2	15.80	48.1	15.82
80	10	34.1	3.48	40.7	4.18	47.2	4.91	50.6	5.29	54.0	5.68	60.6	6.48	67.1	7.03
	12	34.1	3.55	40.7	4.23	47.2	5.00	50.6	5.39	54.0	5.78	60.6	6.60	67.1	7.17
	14	34.1	3.60	40.7	4.33	47.2	5.08	50.6	5.49	54.0	5.87	60.6	6.72	67.1	7.31
	16	34.1	3.65	40.7	4.40	47.2	5.17	50.6	5.58	54.0	5.99	60.6	6.86	67.1	7.45
	18	34.1	3.72	40.7	4.47	47.2	5.27	50.6	5.68	54.0	6.11	60.6	6.99	67.1	7.61
	20	34.1	3.79	40.7	4.57	47.2	5.39	50.6	5.80	54.0	6.24	60.6	7.25	67.1	8.07
	21	34.1	3.82	40.7	4.62	47.2	5.44	50.6	5.87	54.0	6.38	60.6	7.48	67.1	8.28
	23	34.1	3.89	40.7	4.69	47.2	5.68	50.6	6.24	54.0	6.82	60.6	7.90	67.1	8.69
	25	34.1	4.04	40.7	5.00	47.2	6.09	50.6	6.67	54.0	7.30	60.6	8.45	67.1	9.29
	27	34.1	4.28	40.7	5.32	47.2	6.50	50.6	7.13	54.0	7.78	60.6	8.98	67.1	9.78
	29	34.1	4.54	40.7	5.68	47.2	6.91	50.6	7.59	54.0	8.31	60.6	9.62	67.1	10.46
	31	34.1	4.83	40.7	6.02	47.2	7.37	50.6	8.10	54.0	8.85	60.6	10.21	67.1	10.99
	33	34.1	5.12	40.7	6.43	47.2	7.86	50.6	8.63	54.0	9.43	60.6	10.76	67.1	11.52
	35	34.1	5.44	40.7	6.82	47.2	8.36	50.6	9.18	54.0	10.05	60.6	11.41	66.4	11.94
	37	34.1	5.75	40.7	7.25	47.2	8.87	50.6	9.76	54.0	10.68	60.6	12.04	65.4	12.48
	39	34.1	6.08	40.7	7.66	47.2	9.49	50.6	10.50	54.0	11.48	60.6	12.72	64.3	13.17
	41	33.3	6.73	39.7	8.49	46.0	10.41	49.3	11.51	52.6	12.61	59.0	14.16	61.6	14.59
	43	32.4	7.40	38.7	9.26	44.9	11.37	48.1	12.54	51.3	13.79	57.6	15.15	59.0	15.62
	46	30.4	8.24	36.2	10.44	42.1	12.81	45.1	13.96	48.1	15.56	52.7	16.54	53.9	16.80
	48	26.9	7.19	32.1	9.12	37.2	11.20	39.9	12.19	42.6	13.62	45.7	14.31	46.8	14.46

7. Capacity Tables

Cooling Capacity (18RT)

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	29.8	3.04	35.7	3.61	41.4	4.19	44.3	4.52	47.2	4.84	52.9	5.51	58.8	6.16
	12	29.8	3.09	35.7	3.66	41.4	4.29	44.3	4.60	47.2	4.93	52.9	5.60	58.8	6.27
	14	29.8	3.14	35.7	3.71	41.4	4.36	44.3	4.67	47.2	5.00	52.9	5.72	58.8	6.39
	16	29.8	3.18	35.7	3.78	41.4	4.43	44.3	4.76	47.2	5.10	52.9	5.82	58.8	6.53
	18	29.8	3.23	35.7	3.85	41.4	4.52	44.3	4.86	47.2	5.20	52.9	5.91	58.8	6.64
	20	29.8	3.28	35.7	3.93	41.4	4.60	44.3	4.96	47.2	5.31	52.9	6.06	58.8	6.89
	21	29.8	3.33	35.7	3.95	41.4	4.64	44.3	5.00	47.2	5.36	52.9	6.15	58.8	7.04
	23	29.8	3.38	35.7	4.05	41.4	4.74	44.3	5.17	47.2	5.63	52.9	6.58	58.8	7.43
	25	29.8	3.42	35.7	4.19	41.4	5.05	44.3	5.53	47.2	6.01	52.9	7.04	58.8	7.80
	27	29.8	3.61	35.7	4.48	41.4	5.39	44.3	5.87	47.2	6.42	52.9	7.52	58.8	8.28
	29	29.8	3.85	35.7	4.74	41.4	5.72	44.3	6.25	47.2	6.82	52.9	8.02	58.8	8.87
	31	29.8	4.09	35.7	5.05	41.4	6.10	44.3	6.68	47.2	7.28	52.9	8.55	58.8	9.42
	33	29.8	4.33	35.7	5.34	41.4	6.49	44.3	7.09	47.2	7.73	52.9	9.10	58.8	10.03
	35	29.8	4.57	35.7	5.70	41.4	6.89	44.3	7.54	47.2	8.24	52.9	9.70	58.8	10.63
	37	29.8	4.86	35.7	6.04	41.4	7.33	44.3	8.02	47.2	8.76	52.9	10.32	58.8	11.22
	39	29.8	5.16	35.7	6.44	41.4	7.83	44.3	8.63	47.2	9.46	52.9	11.04	58.8	12.09
	41	29.1	5.71	34.8	7.05	40.3	8.59	43.2	9.46	46.0	10.29	51.5	12.13	57.3	13.05
	43	28.4	6.21	33.9	7.68	39.3	9.38	42.1	10.32	44.9	11.24	50.3	13.25	55.9	14.11
	46	26.6	6.90	31.8	8.64	36.8	10.56	39.5	11.49	42.1	12.67	47.1	14.94	52.3	15.72
	48	23.5	6.02	28.1	7.55	32.6	9.23	34.9	10.05	37.2	11.08	41.7	13.08	46.3	13.61
60	10	25.5	2.61	30.5	3.06	35.5	3.56	38.0	3.82	40.5	4.05	45.4	4.60	50.4	5.15
	12	25.5	2.66	30.5	3.11	35.5	3.60	38.0	3.86	40.5	4.13	45.4	4.67	50.4	5.24
	14	25.5	2.68	30.5	3.15	35.5	3.68	38.0	3.94	40.5	4.20	45.4	4.77	50.4	5.33
	16	25.5	2.73	30.5	3.22	35.5	3.72	38.0	4.01	40.5	4.29	45.4	4.86	50.4	5.43
	18	25.5	2.77	30.5	3.27	35.5	3.79	38.0	4.08	40.5	4.36	45.4	4.93	50.4	5.55
	20	25.5	2.82	30.5	3.32	35.5	3.86	38.0	4.15	40.5	4.43	45.4	5.03	50.4	5.67
	21	25.5	2.85	30.5	3.34	35.5	3.91	38.0	4.20	40.5	4.48	45.4	5.10	50.4	5.71
	23	25.5	2.89	30.5	3.41	35.5	3.96	38.0	4.27	40.5	4.58	45.4	5.29	50.4	6.07
	25	25.5	2.94	30.5	3.49	35.5	4.13	38.0	4.48	40.5	4.86	45.4	5.64	50.4	6.50
	27	25.5	3.03	30.5	3.68	35.5	4.39	38.0	4.77	40.5	5.17	45.4	6.00	50.4	6.92
	29	25.5	3.22	30.5	3.91	35.5	4.67	38.0	5.07	40.5	5.50	45.4	6.40	50.4	7.40
	31	25.5	3.41	30.5	4.15	35.5	4.96	38.0	5.41	40.5	5.86	45.4	6.83	50.4	7.87
	33	25.5	3.60	30.5	4.39	35.5	5.26	38.0	5.74	40.5	6.24	45.4	7.26	50.4	8.39
	35	25.5	3.82	30.5	4.67	35.5	5.60	38.0	6.09	40.5	6.62	45.4	7.73	50.4	8.92
	37	25.5	4.03	30.5	4.93	35.5	5.93	38.0	6.47	40.5	7.02	45.4	8.20	50.4	9.48
	39	25.5	4.29	30.5	5.25	35.5	6.40	38.0	6.94	40.5	7.55	45.4	8.80	50.4	10.16
	41	24.9	4.65	29.7	5.74	34.6	6.95	37.0	7.59	39.4	8.20	44.3	9.65	49.1	11.04
	43	24.3	5.05	29.0	6.25	33.7	7.57	36.1	8.27	38.5	8.94	43.2	10.54	47.9	12.06
	46	22.8	5.66	27.2	7.02	31.6	8.52	33.8	9.29	36.0	10.06	40.5	11.87	44.9	13.74
	48	20.1	4.93	24.0	6.13	28.0	7.44	29.9	8.12	31.9	8.79	35.8	10.38	39.7	12.03
50	10	21.4	2.23	25.5	2.58	29.6	2.94	31.7	3.15	33.7	3.33	37.8	3.76	42.0	4.18
	12	21.4	2.25	25.5	2.61	29.6	2.98	31.7	3.19	33.7	3.40	37.8	3.83	42.0	4.25
	14	21.4	2.28	25.5	2.65	29.6	3.03	31.7	3.24	33.7	3.45	37.8	3.87	42.0	4.32
	16	21.4	2.32	25.5	2.70	29.6	3.08	31.7	3.31	33.7	3.50	37.8	3.94	42.0	4.39
	18	21.4	2.35	25.5	2.72	29.6	3.12	31.7	3.36	33.7	3.57	37.8	4.02	42.0	4.48
	20	21.4	2.37	25.5	2.77	29.6	3.19	31.7	3.40	33.7	3.64	37.8	4.09	42.0	4.58
	21	21.4	2.40	25.5	2.79	29.6	3.22	31.7	3.45	33.7	3.66	37.8	4.13	42.0	4.63
	23	21.4	2.44	25.5	2.84	29.6	3.26	31.7	3.50	33.7	3.73	37.8	4.20	42.0	4.72
	25	21.4	2.47	25.5	2.89	29.6	3.33	31.7	3.57	33.7	3.85	37.8	4.41	42.0	5.05
	27	21.4	2.51	25.5	2.98	29.6	3.52	31.7	3.80	33.7	4.09	37.8	4.72	42.0	5.38
	29	21.4	2.65	25.5	3.17	29.6	3.73	31.7	4.04	33.7	4.34	37.8	5.00	42.0	5.71
	31	21.4	2.79	25.5	3.36	29.6	3.97	31.7	4.27	33.7	4.63	37.8	5.33	42.0	6.08
	33	21.4	2.96	25.5	3.55	29.6	4.20	31.7	4.53	33.7	4.91	37.8	5.66	42.0	6.48
	35	21.4	3.12	25.5	3.76	29.6	4.44	31.7	4.81	33.7	5.19	37.8	5.99	42.0	6.88
	37	21.4	3.31	25.5	3.97	29.6	4.70	31.7	5.10	33.7	5.49	37.8	6.39	42.0	7.30
	39	21.4	3.53	25.5	4.25	29.6	5.03	31.7	5.48	33.7	5.90	37.8	6.80	42.0	7.89
	41	20.8	3.82	24.9	4.60	28.9	5.50	30.8	5.94	32.8	6.39	36.8	7.46	41.0	8.57
	43	20.3	4.15	24.3	5.01	28.1	5.99	30.1	6.47	32.0	6.95	35.9	8.13	40.0	9.34
	46	19.0	4.65	22.8	5.62	26.4	6.72	28.2	7.26	30.0	7.81	33.6	9.15	37.4	10.52
	48	16.8	4.05	20.1	4.90	23.3	5.86	24.9	6.34	26.5	6.81	29.7	8.00	33.1	9.20

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

◆ ARUV241BTE5 / ARUV241DTE5

Cooling Capacity (20RT)

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	69.6	8.14	82.9	9.95	88.9	11.55	91.4	11.78	94.0	11.88	98.5	11.97	101.0	12.02
	12	69.6	8.35	82.9	10.31	88.9	12.02	91.4	12.10	94.0	12.20	98.5	12.29	101.0	12.40
	14	69.6	8.63	82.9	10.68	88.9	12.47	91.4	12.56	94.0	12.67	98.5	12.77	101.0	12.88
	16	69.6	8.94	82.9	11.06	88.9	13.03	91.4	13.15	94.0	13.26	98.5	13.38	101.0	13.48
	18	69.6	9.32	82.9	11.69	88.9	13.63	91.4	13.93	94.0	14.04	98.5	14.18	101.0	14.27
	20	69.6	9.73	82.9	12.46	88.9	14.30	91.4	15.32	94.0	15.44	97.1	15.59	99.6	15.70
	21	69.6	9.98	82.9	12.90	88.9	14.60	91.4	16.21	94.0	16.34	96.5	16.50	99.1	16.62
	23	69.6	10.71	82.9	13.57	88.9	15.36	91.4	17.89	92.8	18.03	95.1	18.21	97.6	18.33
	25	69.6	11.44	82.9	14.35	88.9	16.42	90.3	19.84	91.4	20.00	94.0	20.19	96.5	20.33
	27	69.6	12.24	82.9	15.34	87.8	17.49	88.9	21.84	90.3	22.01	92.8	22.23	95.1	22.38
	29	69.6	13.04	82.9	16.40	86.3	18.82	87.6	24.00	88.9	24.14	91.4	24.36	94.0	24.46
	31	69.6	13.92	82.7	17.27	84.9	20.02	86.3	23.90	87.6	24.04	90.0	24.26	92.5	24.35
	33	69.6	14.83	81.2	18.30	83.8	21.47	85.1	23.68	86.3	23.82	88.9	24.04	91.1	24.13
	35	69.6	15.81	79.8	19.17	82.3	23.26	83.8	23.37	85.1	23.51	87.4	23.72	90.0	23.82
	37	69.6	16.86	78.7	20.11	81.2	22.95	82.3	23.06	83.8	23.20	86.1	23.41	88.6	23.50
	39	69.6	17.95	77.3	21.17	79.8	22.64	81.2	22.76	82.3	22.89	84.9	23.10	87.4	23.19
	41	67.8	19.05	74.1	22.23	76.6	22.33	77.7	22.45	79.2	22.58	81.6	22.78	83.8	22.87
	43	66.2	20.09	71.0	21.92	73.4	22.03	74.6	22.14	76.1	22.27	78.4	22.47	80.5	22.56
	46	62.0	21.50	64.8	21.46	67.1	21.57	68.2	21.67	69.6	21.80	71.8	22.00	73.7	22.09
	48	54.9	20.90	56.2	20.97	58.3	21.01	59.3	21.07	60.5	21.25	62.5	21.38	64.2	21.47
120	10	63.0	7.33	74.9	8.98	81.9	10.68	84.4	11.54	86.9	11.72	91.6	11.77	93.8	11.86
	12	63.0	7.53	74.9	9.29	81.9	11.11	84.4	11.78	86.9	12.15	91.6	12.30	93.8	12.40
	14	63.0	7.78	74.9	9.60	81.9	11.55	84.4	12.23	86.9	12.60	91.6	12.79	93.8	12.89
	16	63.0	8.06	74.9	10.00	81.9	12.00	84.4	12.69	86.9	13.18	91.6	13.34	93.8	13.45
	18	63.0	8.38	74.9	10.45	81.9	12.48	84.4	13.35	86.9	13.86	91.6	14.02	93.8	14.13
	20	63.0	8.70	74.9	11.08	81.9	13.15	84.4	14.05	86.9	14.59	91.6	14.78	93.8	14.90
	21	63.0	8.96	74.9	11.48	81.9	13.52	84.4	14.47	86.9	15.07	91.6	15.26	93.8	15.39
	23	63.0	9.58	74.9	12.28	81.9	14.49	84.4	15.37	86.9	16.07	91.6	16.23	93.8	16.36
	25	63.0	10.24	74.9	13.15	81.9	15.28	84.4	16.39	86.9	17.23	90.5	17.38	92.7	17.52
	27	63.0	10.93	74.9	14.06	81.9	16.26	84.4	17.51	86.9	18.52	89.1	18.64	91.3	18.79
	29	63.0	11.66	74.9	15.01	81.9	17.11	84.4	18.74	85.5	19.74	87.7	20.03	90.2	20.19
	31	63.0	12.42	74.9	16.03	81.9	18.00	83.3	20.07	84.4	21.17	86.6	21.55	88.8	21.72
	33	63.0	13.23	74.9	17.09	80.8	19.04	81.9	21.79	83.0	22.73	85.2	22.99	87.4	23.17
	35	63.0	14.06	74.9	18.22	79.4	20.15	80.5	24.00	81.9	24.12	84.1	24.19	86.3	24.38
	37	63.0	15.13	74.9	19.22	78.2	21.48	79.4	23.50	80.5	23.61	82.7	23.68	84.9	23.87
	39	63.0	16.28	74.7	20.32	76.9	22.79	78.0	23.01	79.1	23.13	81.6	23.20	83.8	23.38
	41	61.4	17.44	71.4	21.41	73.8	22.34	74.8	22.53	75.9	22.64	78.1	22.71	80.4	22.89
	43	59.9	18.62	68.4	21.10	70.8	21.84	71.8	22.05	72.9	22.16	75.0	22.22	77.2	22.40
	46	56.1	20.02	62.4	20.60	64.6	21.15	65.6	21.32	66.6	21.43	68.6	21.49	70.6	21.66
	48	49.6	19.61	54.2	20.23	56.2	20.74	57.0	20.86	57.9	20.93	59.7	21.01	61.5	21.10
110	10	56.4	6.59	67.3	8.03	75.2	9.54	77.3	10.33	82.2	11.12	84.1	11.42	89.8	11.61
	12	56.4	6.80	67.3	8.30	75.2	9.94	77.3	10.62	82.2	11.53	84.1	11.90	89.8	12.18
	14	56.4	7.01	67.3	8.68	75.2	10.39	77.3	11.15	82.2	12.11	84.1	12.46	89.8	12.72
	16	56.4	7.26	67.3	8.99	75.2	10.82	77.3	11.63	82.2	12.67	84.1	13.02	89.8	13.25
	18	56.4	7.53	67.3	9.37	75.2	11.44	77.3	12.25	82.2	13.37	84.1	13.63	89.8	13.89
	20	56.4	7.80	67.3	9.84	75.2	12.13	77.3	12.81	82.2	14.02	84.1	14.36	89.8	14.59
	21	56.4	7.97	67.3	10.13	75.2	12.44	77.3	13.16	82.2	14.41	84.1	14.77	89.8	15.00
	23	56.4	8.49	67.3	10.86	75.2	13.14	77.3	13.89	82.2	15.22	84.1	15.55	89.8	15.80
	25	56.4	9.07	67.3	11.59	75.2	13.88	77.3	14.68	82.2	16.08	84.1	16.31	88.7	16.64
	27	56.4	9.69	67.3	12.39	75.2	14.67	77.3	15.54	82.2	16.79	84.1	17.18	87.4	17.47
	29	56.4	10.35	67.3	13.23	75.2	15.50	77.3	16.46	82.2	17.75	84.1	18.05	86.3	18.33
	31	56.4	11.00	67.3	14.10	75.2	16.38	77.3	17.44	80.9	18.65	83.0	19.01	84.9	19.21
	33	56.4	11.73	67.3	15.01	75.2	17.30	77.3	18.48	79.8	19.69	81.7	20.02	83.8	20.13
	35	56.4	12.46	67.3	16.03	75.2	18.28	77.3	19.58	78.4	20.78	80.3	20.98	82.5	21.08
	37	56.4	13.21	67.3	17.01	75.2	19.29	76.2	20.74	77.1	21.92	79.2	22.00	81.1	22.06
	39	56.4	14.24	67.3	18.08	73.8	20.36	74.9	22.19	76.0	23.01	77.9	23.05	80.1	23.07
	41	55.0	15.27	65.6	19.15	70.6	21.47	71.7	24.00	72.7	24.00	74.8	24.19	76.7	24.38
	43	53.6	16.03	63.9	19.95	67.7	22.77	68.8	23.02	69.7	22.97	71.8	23.10	73.6	23.17
	46	50.3	15.65	59.9	19.26	61.8	21.61	62.8	21.60	63.7	21.79	65.6	21.91	67.3	21.97
	48	44.5	15.20	52.1	18.55	53.7	20.56	54.6	20.69	55.3	20.79	57.1	20.85	58.6	20.94

7. Capacity Tables

Cooling Capacity (20RT)

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	47.5	5.93	56.5	7.21	65.8	8.56	70.3	9.25	74.8	9.94	83.0	11.06	84.8	11.15
	12	47.5	6.12	56.5	7.51	65.8	8.85	70.3	9.50	74.8	10.25	83.0	11.65	84.8	11.77
	14	47.5	6.32	56.5	7.81	65.8	9.22	70.3	9.91	74.8	10.69	83.0	12.31	84.8	12.42
	16	47.5	6.51	56.5	8.07	65.8	9.61	70.3	10.38	74.8	11.27	83.0	12.90	84.8	13.08
	18	47.5	6.70	56.5	8.37	65.8	9.99	70.3	10.88	74.8	11.95	83.0	13.63	84.8	13.74
	20	47.5	6.94	56.5	8.68	65.8	10.57	70.3	11.66	74.8	12.79	83.0	14.28	84.8	14.40
	21	47.5	7.08	56.5	8.89	65.8	10.93	70.3	12.06	74.8	13.26	83.0	14.61	84.8	14.73
	23	47.5	7.51	56.5	9.51	65.8	11.73	70.3	12.93	74.8	14.21	83.0	15.30	84.8	15.42
	25	47.5	7.98	56.5	10.13	65.8	12.53	70.3	13.84	74.8	15.19	83.0	15.95	84.1	16.08
	27	47.5	8.53	56.5	10.82	65.8	13.41	70.3	14.79	74.8	16.15	81.3	16.70	83.1	16.83
	29	47.5	9.07	56.5	11.55	65.8	14.32	70.3	15.81	74.8	17.10	79.8	17.37	81.8	17.51
	31	47.5	9.69	56.5	12.31	65.8	15.27	70.3	16.87	74.8	17.96	78.6	18.05	80.5	18.19
	33	47.5	10.27	56.5	13.12	65.8	16.29	70.3	18.00	74.8	18.64	77.4	18.72	79.3	18.87
	35	47.5	10.93	56.5	13.95	65.8	17.34	70.3	19.20	73.7	19.32	76.0	19.39	77.9	19.55
	37	47.5	11.71	56.5	14.97	65.8	18.37	70.3	20.11	72.5	20.21	74.6	20.29	76.3	20.48
	39	47.5	12.55	56.5	16.08	65.8	19.47	70.3	21.10	71.3	21.19	73.4	21.27	75.1	21.47
	41	46.7	13.39	55.6	17.19	64.7	20.56	67.5	22.08	68.9	22.17	70.6	22.25	72.8	22.45
	43	45.1	14.18	53.7	18.22	62.5	21.55	64.7	22.92	65.4	23.01	67.4	23.08	69.2	23.30
	46	42.3	15.25	50.3	19.64	58.6	22.85	59.1	24.00	59.7	24.07	61.6	24.14	63.3	24.37
	48	37.4	13.16	44.5	17.00	50.6	19.54	51.3	20.36	51.9	20.43	53.6	20.48	55.0	20.64
90	10	42.7	5.16	51.0	6.20	59.3	7.31	63.3	7.88	67.3	8.48	75.6	9.49	83.9	10.56
	12	42.7	5.22	51.0	6.30	59.3	7.44	63.3	8.04	67.3	8.67	75.6	9.68	83.9	10.74
	14	42.7	5.32	51.0	6.42	59.3	7.59	63.3	8.20	67.3	8.83	75.6	9.87	83.9	10.96
	16	42.7	5.41	51.0	6.55	59.3	7.75	63.3	8.35	67.3	8.99	75.6	10.06	83.9	11.15
	18	42.7	5.51	51.0	6.68	59.3	7.88	63.3	8.54	67.3	9.18	75.6	10.27	83.9	11.71
	20	42.7	5.60	51.0	6.80	59.3	8.04	63.3	8.70	67.3	9.52	75.6	11.00	83.9	12.27
	21	42.7	5.66	51.0	6.87	59.3	8.20	63.3	8.99	67.3	9.87	75.6	11.17	83.9	12.55
	23	42.7	5.79	51.0	7.15	59.3	8.76	63.3	9.65	67.3	10.57	75.6	11.85	82.7	13.14
	25	42.7	6.08	51.0	7.63	59.3	9.37	63.3	10.32	67.3	11.30	75.6	12.67	81.5	13.70
	27	42.7	6.49	51.0	8.13	59.3	10.00	63.3	11.01	67.3	12.09	75.6	13.47	80.3	14.34
	29	42.7	6.87	51.0	8.67	59.3	10.69	63.3	11.77	67.3	12.91	75.6	14.27	79.1	14.92
	31	42.7	7.31	51.0	9.24	59.3	11.39	63.3	12.53	67.3	13.76	75.6	14.98	77.9	15.50
	33	42.7	7.78	51.0	9.84	59.3	12.15	63.3	13.35	67.3	14.60	75.6	15.71	76.7	16.08
	35	42.7	8.26	51.0	10.44	59.3	12.91	63.3	14.24	67.3	15.48	74.3	16.61	75.5	16.99
	37	42.7	8.76	51.0	11.11	59.3	13.77	63.3	15.13	67.3	16.34	73.1	17.36	74.3	17.75
	39	42.7	9.28	51.0	11.81	59.3	14.57	63.3	16.10	67.3	17.18	71.9	18.30	73.1	18.52
	41	41.6	10.38	49.7	13.10	57.7	15.99	61.7	17.60	65.6	18.55	68.9	19.29	70.1	19.73
	43	40.6	11.21	48.4	14.15	56.3	17.47	60.1	18.96	63.9	19.89	66.0	20.65	67.2	20.91
	46	38.0	12.62	45.4	16.12	52.8	19.90	56.3	21.49	58.1	22.10	60.3	22.67	61.4	22.71
	48	33.6	11.03	40.2	14.10	46.7	17.41	49.8	18.75	50.5	19.04	52.4	19.52	53.4	19.54
80	10	37.9	4.30	45.2	5.17	52.5	6.06	56.2	6.54	60.0	7.02	67.3	8.01	74.6	8.69
	12	37.9	4.39	45.2	5.23	52.5	6.18	56.2	6.66	60.0	7.14	67.3	8.15	74.6	8.86
	14	37.9	4.45	45.2	5.35	52.5	6.27	56.2	6.78	60.0	7.26	67.3	8.30	74.6	9.04
	16	37.9	4.51	45.2	5.44	52.5	6.39	56.2	6.90	60.0	7.41	67.3	8.48	74.6	9.21
	18	37.9	4.60	45.2	5.53	52.5	6.51	56.2	7.02	60.0	7.56	67.3	8.63	74.6	9.41
	20	37.9	4.69	45.2	5.65	52.5	6.66	56.2	7.17	60.0	7.71	67.3	8.96	74.6	9.97
	21	37.9	4.72	45.2	5.71	52.5	6.72	56.2	7.26	60.0	7.89	67.3	9.24	74.6	10.23
	23	37.9	4.81	45.2	5.79	52.5	7.02	56.2	7.71	60.0	8.42	67.3	9.76	74.6	10.74
	25	37.9	4.99	45.2	6.18	52.5	7.53	56.2	8.24	60.0	9.02	67.3	10.45	74.6	11.48
	27	37.9	5.29	45.2	6.57	52.5	8.04	56.2	8.81	60.0	9.62	67.3	11.10	74.6	12.08
	29	37.9	5.62	45.2	7.02	52.5	8.54	56.2	9.38	60.0	10.28	67.3	11.89	74.6	12.93
	31	37.9	5.97	45.2	7.44	52.5	9.11	56.2	10.01	60.0	10.93	67.3	12.62	74.6	13.58
	33	37.9	6.33	45.2	7.95	52.5	9.71	56.2	10.66	60.0	11.65	67.3	13.30	74.6	14.24
	35	37.9	6.72	45.2	8.42	52.5	10.34	56.2	11.35	60.0	12.43	67.3	14.10	73.8	14.75
	37	37.9	7.11	45.2	8.96	52.5	10.96	56.2	12.07	60.0	13.20	67.3	14.88	72.6	15.42
	39	37.9	7.51	45.2	9.47	52.5	11.73	56.2	12.97	60.0	14.19	67.3	15.72	71.4	16.27
	41	36.9	8.31	44.0	10.49	51.1	12.87	54.8	14.22	58.5	15.59	65.6	17.49	68.4	18.03
	43	36.0	9.15	42.9	11.45	49.9	14.05	53.4	15.50	57.0	17.04	63.9	18.72	65.6	19.30
	46	33.8	10.18	40.2	12.90	46.7	15.83	50.1	17.25	53.4	19.22	58.5	20.44	59.9	20.76
	48	29.9	8.89	35.6	11.28	41.3	13.84	44.3	15.07	47.3	16.83	50.8	17.69	52.0	17.87

7. Capacity Tables

Cooling Capacity (20RT)

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	33.1	3.76	39.7	4.47	45.9	5.18	49.2	5.60	52.5	5.98	58.8	6.81	65.3	7.62
	12	33.1	3.82	39.7	4.53	45.9	5.30	49.2	5.68	52.5	6.10	58.8	6.93	65.3	7.76
	14	33.1	3.88	39.7	4.59	45.9	5.39	49.2	5.77	52.5	6.19	58.8	7.08	65.3	7.90
	16	33.1	3.94	39.7	4.68	45.9	5.48	49.2	5.89	52.5	6.31	58.8	7.19	65.3	8.07
	18	33.1	4.00	39.7	4.77	45.9	5.60	49.2	6.01	52.5	6.42	58.8	7.31	65.3	8.21
	20	33.1	4.06	39.7	4.86	45.9	5.68	49.2	6.13	52.5	6.57	58.8	7.49	65.3	8.53
	21	33.1	4.12	39.7	4.89	45.9	5.74	49.2	6.19	52.5	6.63	58.8	7.61	65.3	8.71
	23	33.1	4.17	39.7	5.00	45.9	5.86	49.2	6.39	52.5	6.96	58.8	8.14	65.3	9.19
	25	33.1	4.23	39.7	5.18	45.9	6.25	49.2	6.84	52.5	7.43	58.8	8.70	65.3	9.64
	27	33.1	4.47	39.7	5.54	45.9	6.66	49.2	7.25	52.5	7.93	58.8	9.30	65.3	10.24
	29	33.1	4.77	39.7	5.86	45.9	7.08	49.2	7.73	52.5	8.44	58.8	9.92	65.3	10.98
	31	33.1	5.06	39.7	6.25	45.9	7.55	49.2	8.26	52.5	9.00	58.8	10.57	65.3	11.65
	33	33.1	5.36	39.7	6.60	45.9	8.02	49.2	8.76	52.5	9.56	58.8	11.25	65.3	12.40
	35	33.1	5.65	39.7	7.05	45.9	8.53	49.2	9.33	52.5	10.18	58.8	11.99	65.3	13.15
	37	33.1	6.01	39.7	7.46	45.9	9.06	49.2	9.92	52.5	10.84	58.8	12.76	65.3	13.87
	39	33.1	6.38	39.7	7.96	45.9	9.69	49.2	10.67	52.5	11.71	58.8	13.66	65.3	14.96
	41	32.3	7.06	38.7	8.72	44.8	10.63	48.0	11.70	51.1	12.73	57.2	15.00	63.6	16.14
	43	31.5	7.68	37.7	9.50	43.7	11.59	46.8	12.76	49.9	13.90	55.8	16.39	62.0	17.45
	46	29.5	8.54	35.3	10.68	40.9	13.06	43.8	14.22	46.7	15.66	52.3	18.48	58.1	19.45
	48	26.1	7.45	31.3	9.33	36.2	11.41	38.8	12.42	41.3	13.70	46.3	16.17	51.4	16.83
60	10	28.4	3.23	33.9	3.79	39.4	4.40	42.2	4.72	44.9	5.02	50.5	5.69	56.0	6.37
	12	28.4	3.29	33.9	3.84	39.4	4.46	42.2	4.78	44.9	5.11	50.5	5.78	56.0	6.48
	14	28.4	3.32	33.9	3.90	39.4	4.55	42.2	4.87	44.9	5.19	50.5	5.90	56.0	6.60
	16	28.4	3.37	33.9	3.99	39.4	4.61	42.2	4.96	44.9	5.31	50.5	6.02	56.0	6.72
	18	28.4	3.43	33.9	4.05	39.4	4.69	42.2	5.05	44.9	5.40	50.5	6.10	56.0	6.87
	20	28.4	3.49	33.9	4.11	39.4	4.78	42.2	5.13	44.9	5.49	50.5	6.22	56.0	7.01
	21	28.4	3.52	33.9	4.14	39.4	4.84	42.2	5.19	44.9	5.55	50.5	6.31	56.0	7.07
	23	28.4	3.58	33.9	4.23	39.4	4.90	42.2	5.28	44.9	5.66	50.5	6.54	56.0	7.51
	25	28.4	3.64	33.9	4.31	39.4	5.11	42.2	5.55	44.9	6.02	50.5	6.98	56.0	8.04
	27	28.4	3.76	33.9	4.55	39.4	5.43	42.2	5.90	44.9	6.40	50.5	7.42	56.0	8.57
	29	28.4	3.99	33.9	4.84	39.4	5.78	42.2	6.28	44.9	6.81	50.5	7.92	56.0	9.15
	31	28.4	4.23	33.9	5.13	39.4	6.13	42.2	6.69	44.9	7.25	50.5	8.45	56.0	9.74
	33	28.4	4.46	33.9	5.43	39.4	6.51	42.2	7.10	44.9	7.72	50.5	8.98	56.0	10.39
	35	28.4	4.72	33.9	5.78	39.4	6.92	42.2	7.54	44.9	8.19	50.5	9.57	56.0	11.03
	37	28.4	4.99	33.9	6.10	39.4	7.34	42.2	8.01	44.9	8.69	50.5	10.15	56.0	11.74
	39	28.4	5.30	33.9	6.50	39.4	7.92	42.2	8.59	44.9	9.35	50.5	10.89	56.0	12.58
	41	27.6	5.75	33.0	7.11	38.4	8.60	41.1	9.39	43.8	10.15	49.2	11.95	54.6	13.67
	43	27.0	6.25	32.2	7.74	37.5	9.37	40.1	10.23	42.7	11.06	48.0	13.04	53.2	14.93
	46	25.3	7.00	30.2	8.69	35.1	10.54	37.6	11.50	40.0	12.45	44.9	14.69	49.9	17.01
	48	22.4	6.10	26.7	7.58	31.1	9.21	33.2	10.04	35.4	10.88	39.8	12.85	44.1	14.88
50	10	23.7	2.76	28.4	3.20	32.9	3.63	35.2	3.90	37.4	4.13	41.9	4.65	46.7	5.18
	12	23.7	2.79	28.4	3.23	32.9	3.69	35.2	3.95	37.4	4.22	41.9	4.74	46.7	5.26
	14	23.7	2.82	28.4	3.29	32.9	3.75	35.2	4.01	37.4	4.27	41.9	4.80	46.7	5.35
	16	23.7	2.88	28.4	3.34	32.9	3.81	35.2	4.10	37.4	4.33	41.9	4.89	46.7	5.44
	18	23.7	2.91	28.4	3.37	32.9	3.87	35.2	4.16	37.4	4.42	41.9	4.97	46.7	5.55
	20	23.7	2.94	28.4	3.43	32.9	3.95	35.2	4.22	37.4	4.51	41.9	5.06	46.7	5.67
	21	23.7	2.97	28.4	3.46	32.9	3.98	35.2	4.27	37.4	4.54	41.9	5.12	46.7	5.73
	23	23.7	3.02	28.4	3.52	32.9	4.04	35.2	4.33	37.4	4.62	41.9	5.21	46.7	5.84
	25	23.7	3.05	28.4	3.58	32.9	4.13	35.2	4.42	37.4	4.77	41.9	5.47	46.7	6.25
	27	23.7	3.11	28.4	3.69	32.9	4.36	35.2	4.71	37.4	5.06	41.9	5.84	46.7	6.66
	29	23.7	3.29	28.4	3.93	32.9	4.62	35.2	5.00	37.4	5.38	41.9	6.19	46.7	7.07
	31	23.7	3.46	28.4	4.16	32.9	4.91	35.2	5.29	37.4	5.73	41.9	6.60	46.7	7.53
	33	23.7	3.66	28.4	4.39	32.9	5.21	35.2	5.61	37.4	6.08	41.9	7.01	46.7	8.03
	35	23.7	3.87	28.4	4.65	32.9	5.50	35.2	5.96	37.4	6.43	41.9	7.41	46.7	8.52
	37	23.7	4.10	28.4	4.91	32.9	5.82	35.2	6.31	37.4	6.80	41.9	7.91	46.7	9.04
	39	23.7	4.37	28.4	5.27	32.9	6.23	35.2	6.79	37.4	7.30	41.9	8.42	46.7	9.77
	41	23.1	4.73	27.6	5.70	32.0	6.81	34.3	7.36	36.5	7.91	40.9	9.23	45.5	10.61
	43	22.5	5.14	27.0	6.20	31.3	7.41	33.4	8.01	35.6	8.61	39.8	10.07	44.4	11.57
	46	21.1	5.76	25.3	6.96	29.3	8.32	31.3	9.00	33.3	9.67	37.3	11.33	41.6	13.03
	48	18.7	5.02	22.4	6.07	25.9	7.25	27.7	7.85	29.5	8.44	33.0	9.90	36.8	11.39

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

◆ ARUV264BTE5 / ARUV264DTE5

Cooling Capacity (22RT)

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	76.7	9.43	91.3	11.53	97.8	13.38	100.7	13.65	103.5	13.76	108.4	13.87	111.3	13.92
	12	76.7	9.67	91.3	11.94	97.8	13.92	100.7	14.02	103.5	14.13	108.4	14.24	111.3	14.37
	14	76.7	9.99	91.3	12.38	97.8	14.45	100.7	14.55	103.5	14.67	108.4	14.79	111.3	14.92
	16	76.7	10.36	91.3	12.81	97.8	15.10	100.7	15.24	103.5	15.36	108.4	15.50	111.3	15.62
	18	76.7	10.79	91.3	13.55	97.8	15.79	100.7	16.13	103.5	16.26	108.4	16.42	111.3	16.53
	20	76.7	11.27	91.3	14.43	97.8	16.57	100.7	17.74	103.5	17.89	106.9	18.06	109.7	18.19
	21	76.7	11.56	91.3	14.94	97.8	16.92	100.7	18.78	103.5	18.93	106.3	19.11	109.1	19.25
	23	76.7	12.41	91.3	15.72	97.8	17.80	100.7	20.72	102.2	20.88	104.7	21.09	107.5	21.24
	25	76.7	13.25	91.3	16.62	97.8	19.02	99.5	22.98	100.7	23.16	103.5	23.39	106.3	23.55
	27	76.7	14.18	91.3	17.77	96.6	20.26	97.8	25.30	99.5	25.50	102.2	25.75	104.7	25.93
	29	76.7	15.11	91.3	18.99	95.0	21.80	96.4	27.80	97.8	27.97	100.7	28.22	103.5	28.33
	31	76.7	16.12	91.0	20.01	93.5	23.19	95.0	27.68	96.4	27.85	99.1	28.10	101.9	28.21
	33	76.7	17.18	89.4	21.20	92.2	24.87	93.7	27.43	95.0	27.60	97.8	27.84	100.3	27.95
	35	76.7	18.32	87.9	22.20	90.7	26.94	92.2	27.07	93.7	27.24	96.3	27.48	99.1	27.59
	37	76.7	19.53	86.6	23.30	89.4	26.58	90.7	26.72	92.2	26.88	94.7	27.12	97.6	27.22
	39	76.7	20.80	85.1	24.52	87.9	26.23	89.4	26.36	90.7	26.52	93.5	26.75	96.3	26.86
	41	74.7	22.06	81.6	25.75	84.3	25.87	85.6	26.00	87.2	26.16	89.9	26.39	92.3	26.49
	43	72.9	23.27	78.2	25.39	80.9	25.51	82.1	25.64	83.7	25.80	86.3	26.03	88.7	26.13
	46	68.3	24.91	71.3	24.86	73.9	24.98	75.0	25.11	76.6	25.26	79.0	25.48	81.2	25.58
	48	60.4	24.21	61.9	24.28	64.2	24.34	65.3	24.40	66.6	24.61	68.8	24.77	70.7	24.87
120	10	69.4	8.49	82.5	10.41	90.1	12.37	92.9	13.36	95.6	13.58	100.8	13.63	103.3	13.74
	12	69.4	8.72	82.5	10.76	90.1	12.86	92.9	13.65	95.6	14.08	100.8	14.25	103.3	14.36
	14	69.4	9.02	82.5	11.12	90.1	13.38	92.9	14.16	95.6	14.59	100.8	14.81	103.3	14.93
	16	69.4	9.34	82.5	11.58	90.1	13.90	92.9	14.69	95.6	15.27	100.8	15.46	103.3	15.58
	18	69.4	9.71	82.5	12.10	90.1	14.46	92.9	15.47	95.6	16.05	100.8	16.24	103.3	16.37
	20	69.4	10.08	82.5	12.83	90.1	15.23	92.9	16.28	95.6	16.90	100.8	17.12	103.3	17.26
	21	69.4	10.38	82.5	13.29	90.1	15.66	92.9	16.76	95.6	17.46	100.8	17.68	103.3	17.82
	23	69.4	11.10	82.5	14.22	90.1	16.78	92.9	17.81	95.6	18.61	100.8	18.80	103.3	18.95
	25	69.4	11.86	82.5	15.23	90.1	17.70	92.9	18.98	95.6	19.96	99.6	20.13	102.0	20.29
	27	69.4	12.66	82.5	16.29	90.1	18.83	92.9	20.28	95.6	21.45	98.1	21.60	100.5	21.77
	29	69.4	13.50	82.5	17.39	90.1	19.82	92.9	21.70	94.1	22.86	96.5	23.21	99.3	23.39
	31	69.4	14.39	82.5	18.57	90.1	20.85	91.7	23.25	92.9	24.52	95.3	24.96	97.8	25.16
	33	69.4	15.32	82.5	19.79	88.9	22.05	90.1	25.24	91.3	26.33	93.8	26.63	96.3	26.84
	35	69.4	16.29	82.5	21.10	87.4	23.34	88.6	27.80	90.1	27.94	92.6	28.02	95.0	28.24
	37	69.4	17.52	82.5	22.27	86.1	24.88	87.4	27.22	88.6	27.35	91.1	27.43	93.5	27.65
	39	69.4	18.86	82.2	23.53	84.6	26.39	85.9	26.66	87.1	26.79	89.8	26.87	92.3	27.08
	41	67.6	20.20	78.6	24.80	81.3	25.87	82.4	26.10	83.6	26.23	86.0	26.31	88.5	26.51
	43	65.9	21.57	75.3	24.44	77.9	25.29	79.0	25.54	80.2	25.67	82.6	25.74	85.0	25.95
	46	61.8	23.19	68.7	23.86	71.2	24.50	72.2	24.70	73.3	24.82	75.5	24.90	77.8	25.09
	48	54.7	22.72	59.6	23.44	61.9	24.02	62.8	24.17	63.8	24.24	65.7	24.34	67.7	24.44
110	10	62.1	7.63	74.1	9.31	82.8	11.05	85.1	11.96	90.5	12.88	92.6	13.23	98.9	13.45
	12	62.1	7.87	74.1	9.62	82.8	11.51	85.1	12.30	90.5	13.36	92.6	13.79	98.9	14.11
	14	62.1	8.12	74.1	10.05	82.8	12.03	85.1	12.91	90.5	14.03	92.6	14.43	98.9	14.74
	16	62.1	8.41	74.1	10.42	82.8	12.53	85.1	13.47	90.5	14.68	92.6	15.08	98.9	15.34
	18	62.1	8.72	74.1	10.85	82.8	13.25	85.1	14.19	90.5	15.48	92.6	15.79	98.9	16.08
	20	62.1	9.03	74.1	11.39	82.8	14.05	85.1	14.84	90.5	16.24	92.6	16.64	98.9	16.90
	21	62.1	9.23	74.1	11.73	82.8	14.41	85.1	15.24	90.5	16.69	92.6	17.11	98.9	17.38
	23	62.1	9.83	74.1	12.58	82.8	15.22	85.1	16.09	90.5	17.63	92.6	18.01	98.9	18.31
	25	62.1	10.51	74.1	13.42	82.8	16.08	85.1	17.01	90.5	18.63	92.6	18.89	97.7	19.28
	27	62.1	11.23	74.1	14.35	82.8	16.99	85.1	18.00	90.5	19.45	92.6	19.90	96.2	20.24
	29	62.1	11.99	74.1	15.32	82.8	17.95	85.1	19.06	90.5	20.56	92.6	20.91	95.0	21.23
	31	62.1	12.74	74.1	16.33	82.8	18.97	85.1	20.20	89.0	21.60	91.4	22.02	93.5	22.26
	33	62.1	13.59	74.1	17.39	82.8	20.04	85.1	21.40	87.8	22.81	89.9	23.19	92.3	23.32
	35	62.1	14.43	74.1	18.57	82.8	21.17	85.1	22.68	86.3	24.07	88.4	24.30	90.8	24.42
	37	62.1	15.30	74.1	19.71	82.8	22.35	83.9	24.03	84.8	25.39	87.2	25.48	89.3	25.55
	39	62.1	16.49	74.1	20.94	81.3	23.58	82.4	25.70	83.7	26.65	85.7	26.69	88.1	26.72
	41	60.6	17.69	72.2	22.18	77.8	24.87	79.0	27.80	80.0	27.80	82.4	28.02	84.4	28.24
	43	59.1	18.57	70.4	23.10	74.5	26.37	75.8	26.67	76.7	26.61	79.0	26.76	81.0	26.83
	46	55.3	18.13	66.0	22.30	68.0	25.03	69.2	25.03	70.1	25.24	72.2	25.38	74.1	25.45
	48	49.0	17.60	57.4	21.49	59.1	23.81	60.1	23.97	60.9	24.09	62.8	24.15	64.5	24.25

7. Capacity Tables

Cooling Capacity (22RT)

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	52.2	6.87	62.2	8.36	72.4	9.91	77.4	10.71	82.4	11.51	91.3	12.81	93.3	12.91
	12	52.2	7.09	62.2	8.70	72.4	10.25	77.4	11.00	82.4	11.88	91.3	13.50	93.3	13.63
	14	52.2	7.32	62.2	9.04	72.4	10.68	77.4	11.48	82.4	12.39	91.3	14.26	93.3	14.39
	16	52.2	7.54	62.2	9.34	72.4	11.14	77.4	12.02	82.4	13.05	91.3	14.94	93.3	15.15
	18	52.2	7.76	62.2	9.69	72.4	11.57	77.4	12.61	82.4	13.84	91.3	15.79	93.3	15.91
	20	52.2	8.04	62.2	10.06	72.4	12.24	77.4	13.50	82.4	14.81	91.3	16.54	93.3	16.68
	21	52.2	8.21	62.2	10.30	72.4	12.66	77.4	13.97	82.4	15.36	91.3	16.92	93.3	17.06
	23	52.2	8.69	62.2	11.01	72.4	13.59	77.4	14.98	82.4	16.46	91.3	17.72	93.3	17.86
	25	52.2	9.24	62.2	11.73	72.4	14.52	77.4	16.04	82.4	17.60	91.3	18.48	92.5	18.62
	27	52.2	9.88	62.2	12.53	72.4	15.53	77.4	17.13	82.4	18.71	89.6	19.34	91.4	19.50
	29	52.2	10.51	62.2	13.38	72.4	16.59	77.4	18.32	82.4	19.80	87.9	20.12	90.1	20.28
	31	52.2	11.23	62.2	14.26	72.4	17.68	77.4	19.54	82.4	20.81	86.6	20.90	88.7	21.07
	33	52.2	11.90	62.2	15.19	72.4	18.86	77.4	20.85	82.4	21.59	85.2	21.68	87.3	21.86
	35	52.2	12.66	62.2	16.16	72.4	20.09	77.4	22.24	81.1	22.37	83.6	22.46	85.8	22.64
	37	52.2	13.56	62.2	17.34	72.4	21.28	77.4	23.30	79.8	23.41	82.1	23.51	84.0	23.72
	39	52.2	14.54	62.2	18.62	72.4	22.55	77.4	24.44	78.5	24.55	80.8	24.64	82.7	24.87
	41	51.4	15.51	61.2	19.91	71.3	23.82	74.3	25.58	75.9	25.68	77.7	25.77	80.2	26.01
	43	49.6	16.42	59.1	21.11	68.8	24.96	71.2	26.55	72.0	26.65	74.3	26.74	76.2	26.99
	46	46.5	17.66	55.4	22.75	64.5	26.47	65.0	27.80	65.7	27.88	67.8	27.96	69.6	28.23
	48	41.2	15.25	49.0	19.69	55.7	22.63	56.5	23.59	57.1	23.66	59.0	23.72	60.6	23.91
90	10	47.0	5.96	56.1	7.17	65.2	8.45	69.7	9.11	74.1	9.80	83.2	10.97	92.3	12.20
	12	47.0	6.04	56.1	7.28	65.2	8.60	69.7	9.29	74.1	10.02	83.2	11.19	92.3	12.42
	14	47.0	6.15	56.1	7.43	65.2	8.78	69.7	9.47	74.1	10.21	83.2	11.41	92.3	12.67
	16	47.0	6.26	56.1	7.57	65.2	8.96	69.7	9.66	74.1	10.39	83.2	11.62	92.3	12.89
	18	47.0	6.36	56.1	7.72	65.2	9.11	69.7	9.88	74.1	10.61	83.2	11.88	92.3	13.53
	20	47.0	6.47	56.1	7.86	65.2	9.29	69.7	10.06	74.1	11.01	83.2	12.71	92.3	14.18
	21	47.0	6.55	56.1	7.94	65.2	9.47	69.7	10.39	74.1	11.41	83.2	12.92	92.3	14.51
	23	47.0	6.69	56.1	8.27	65.2	10.13	69.7	11.16	74.1	12.22	83.2	13.70	91.1	15.19
	25	47.0	7.02	56.1	8.82	65.2	10.83	69.7	11.93	74.1	13.06	83.2	14.65	89.7	15.84
	27	47.0	7.50	56.1	9.40	65.2	11.56	69.7	12.73	74.1	13.97	83.2	15.57	88.4	16.58
	29	47.0	7.94	56.1	10.02	65.2	12.36	69.7	13.61	74.1	14.92	83.2	16.50	87.1	17.25
	31	47.0	8.45	56.1	10.68	65.2	13.17	69.7	14.49	74.1	15.91	83.2	17.32	85.8	17.92
	33	47.0	9.00	56.1	11.38	65.2	14.05	69.7	15.44	74.1	16.88	83.2	18.16	84.5	18.59
	35	47.0	9.55	56.1	12.07	65.2	14.92	69.7	16.46	74.1	17.90	81.8	19.20	83.2	19.64
	37	47.0	10.13	56.1	12.84	65.2	15.91	69.7	17.49	74.1	18.89	80.5	20.07	81.9	20.52
	39	47.0	10.73	56.1	13.66	65.2	16.84	69.7	18.61	74.1	19.87	79.1	21.16	80.5	21.41
	41	45.8	12.00	54.7	15.14	63.6	18.49	67.9	20.35	72.2	21.45	75.8	22.30	77.2	22.81
	43	44.7	12.96	53.3	16.36	62.0	20.19	66.2	21.92	70.4	23.00	72.7	23.88	74.0	24.17
	46	41.9	14.58	50.0	18.63	58.1	23.01	62.0	24.85	64.0	25.55	66.4	26.21	67.6	26.25
	48	37.0	12.75	44.2	16.30	51.4	20.13	54.9	21.68	55.6	22.02	57.7	22.56	58.8	22.59
80	10	41.7	4.98	49.8	5.98	57.8	7.01	61.9	7.57	66.1	8.12	74.1	9.26	82.1	10.05
	12	41.7	5.08	49.8	6.05	57.8	7.15	61.9	7.70	66.1	8.26	74.1	9.43	82.1	10.25
	14	41.7	5.15	49.8	6.18	57.8	7.26	61.9	7.84	66.1	8.40	74.1	9.60	82.1	10.45
	16	41.7	5.22	49.8	6.29	57.8	7.39	61.9	7.98	66.1	8.57	74.1	9.81	82.1	10.65
	18	41.7	5.32	49.8	6.39	57.8	7.53	61.9	8.12	66.1	8.74	74.1	9.98	82.1	10.88
	20	41.7	5.42	49.8	6.53	57.8	7.70	61.9	8.29	66.1	8.91	74.1	10.36	82.1	11.53
	21	41.7	5.46	49.8	6.60	57.8	7.77	61.9	8.40	66.1	9.12	74.1	10.69	82.1	11.84
	23	41.7	5.56	49.8	6.70	57.8	8.12	61.9	8.91	66.1	9.74	74.1	11.29	82.1	12.42
	25	41.7	5.77	49.8	7.15	57.8	8.71	61.9	9.54	66.1	10.43	74.1	12.08	82.1	13.28
	27	41.7	6.12	49.8	7.60	57.8	9.29	61.9	10.19	66.1	11.12	74.1	12.84	82.1	13.97
	29	41.7	6.50	49.8	8.12	57.8	9.88	61.9	10.85	66.1	11.88	74.1	13.75	82.1	14.96
	31	41.7	6.91	49.8	8.60	57.8	10.54	61.9	11.57	66.1	12.65	74.1	14.60	82.1	15.70
	33	41.7	7.32	49.8	9.19	57.8	11.23	61.9	12.33	66.1	13.47	74.1	15.38	82.1	16.46
	35	41.7	7.77	49.8	9.74	57.8	11.95	61.9	13.13	66.1	14.37	74.1	16.31	81.2	17.06
	37	41.7	8.22	49.8	10.36	57.8	12.68	61.9	13.96	66.1	15.27	74.1	17.21	79.9	17.84
	39	41.7	8.69	49.8	10.95	57.8	13.56	61.9	15.01	66.1	16.41	74.1	18.18	78.6	18.82
	41	40.7	9.61	48.5	12.14	56.3	14.89	60.3	16.45	64.4	18.03	72.2	20.24	75.3	20.86
	43	39.7	10.58	47.3	13.24	54.9	16.25	58.8	17.93	62.8	19.71	70.4	21.65	72.2	22.33
	46	37.2	11.77	44.3	14.92	51.5	18.31	55.1	19.95	58.8	22.24	64.4	23.64	65.9	24.01
	48	32.9	10.28	39.2	13.04	45.5	16.01	48.8	17.43	52.0	19.46	55.9	20.46	57.3	20.67

7. Capacity Tables

Cooling Capacity (22RT)

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	36.5	4.35	43.7	5.17	50.6	6.00	54.2	6.48	57.8	6.92	64.7	7.88	71.9	8.81
	12	36.5	4.42	43.7	5.24	50.6	6.13	54.2	6.58	57.8	7.06	64.7	8.02	71.9	8.98
	14	36.5	4.49	43.7	5.31	50.6	6.24	54.2	6.68	57.8	7.16	64.7	8.19	71.9	9.14
	16	36.5	4.56	43.7	5.41	50.6	6.34	54.2	6.82	57.8	7.30	64.7	8.33	71.9	9.34
	18	36.5	4.63	43.7	5.52	50.6	6.48	54.2	6.95	57.8	7.43	64.7	8.46	71.9	9.51
	20	36.5	4.69	43.7	5.62	50.6	6.58	54.2	7.09	57.8	7.61	64.7	8.67	71.9	9.87
	21	36.5	4.76	43.7	5.65	50.6	6.65	54.2	7.16	57.8	7.67	64.7	8.80	71.9	10.08
	23	36.5	4.83	43.7	5.79	50.6	6.78	54.2	7.40	57.8	8.05	64.7	9.42	71.9	10.64
	25	36.5	4.90	43.7	6.00	50.6	7.23	54.2	7.91	57.8	8.60	64.7	10.07	71.9	11.16
	27	36.5	5.17	43.7	6.41	50.6	7.71	54.2	8.39	57.8	9.18	64.7	10.76	71.9	11.85
	29	36.5	5.52	43.7	6.78	50.6	8.19	54.2	8.94	57.8	9.76	64.7	11.48	71.9	12.70
	31	36.5	5.86	43.7	7.23	50.6	8.74	54.2	9.56	57.8	10.42	64.7	12.23	71.9	13.48
	33	36.5	6.20	43.7	7.64	50.6	9.28	54.2	10.14	57.8	11.07	64.7	13.02	71.9	14.35
	35	36.5	6.54	43.7	8.16	50.6	9.87	54.2	10.79	57.8	11.79	64.7	13.88	71.9	15.21
	37	36.5	6.95	43.7	8.64	50.6	10.48	54.2	11.48	57.8	12.54	64.7	14.77	71.9	16.06
	39	36.5	7.39	43.7	9.21	50.6	11.21	54.2	12.35	57.8	13.55	64.7	15.80	71.9	17.31
	41	35.6	8.17	42.6	10.09	49.3	12.30	52.8	13.54	56.3	14.73	63.0	17.36	70.0	18.67
	43	34.7	8.89	41.5	11.00	48.1	13.42	51.5	14.77	54.9	16.08	61.5	18.96	68.3	20.19
	46	32.5	9.88	38.9	12.36	45.1	15.11	48.3	16.45	51.5	18.13	57.6	21.39	64.0	22.50
	48	28.7	8.62	34.4	10.80	39.9	13.21	42.7	14.38	45.5	15.86	51.0	18.72	56.6	19.48
60	10	31.2	3.74	37.3	4.38	43.4	5.10	46.4	5.47	49.5	5.81	55.6	6.59	61.6	7.37
	12	31.2	3.80	37.3	4.45	43.4	5.16	46.4	5.54	49.5	5.91	55.6	6.69	61.6	7.51
	14	31.2	3.84	37.3	4.52	43.4	5.27	46.4	5.64	49.5	6.01	55.6	6.83	61.6	7.64
	16	31.2	3.91	37.3	4.62	43.4	5.33	46.4	5.74	49.5	6.15	55.6	6.96	61.6	7.78
	18	31.2	3.97	37.3	4.69	43.4	5.44	46.4	5.84	49.5	6.25	55.6	7.07	61.6	7.95
	20	31.2	4.04	37.3	4.76	43.4	5.54	46.4	5.94	49.5	6.35	55.6	7.20	61.6	8.12
	21	31.2	4.08	37.3	4.79	43.4	5.61	46.4	6.01	49.5	6.42	55.6	7.30	61.6	8.19
	23	31.2	4.14	37.3	4.89	43.4	5.67	46.4	6.11	49.5	6.56	55.6	7.58	61.6	8.70
	25	31.2	4.21	37.3	4.99	43.4	5.91	46.4	6.42	49.5	6.96	55.6	8.09	61.6	9.31
	27	31.2	4.35	37.3	5.27	43.4	6.28	46.4	6.83	49.5	7.41	55.6	8.59	61.6	9.92
	29	31.2	4.62	37.3	5.61	43.4	6.69	46.4	7.27	49.5	7.88	55.6	9.17	61.6	10.60
	31	31.2	4.89	37.3	5.94	43.4	7.10	46.4	7.75	49.5	8.39	55.6	9.78	61.6	11.28
	33	31.2	5.16	37.3	6.28	43.4	7.54	46.4	8.22	49.5	8.93	55.6	10.40	61.6	12.03
	35	31.2	5.47	37.3	6.69	43.4	8.02	46.4	8.73	49.5	9.48	55.6	11.07	61.6	12.77
	37	31.2	5.78	37.3	7.06	43.4	8.49	46.4	9.27	49.5	10.06	55.6	11.75	61.6	13.59
	39	31.2	6.14	37.3	7.52	43.4	9.17	46.4	9.95	49.5	10.82	55.6	12.60	61.6	14.56
	41	30.4	6.66	36.4	8.23	42.3	9.95	45.3	10.87	48.2	11.75	54.1	13.83	60.1	15.82
	43	29.7	7.24	35.5	8.96	41.2	10.85	44.1	11.84	47.0	12.81	52.8	15.10	58.6	17.28
	46	27.8	8.11	33.2	10.06	38.7	12.21	41.4	13.31	44.1	14.41	49.5	17.01	54.9	19.69
	48	24.6	7.06	29.4	8.78	34.2	10.66	36.6	11.63	39.0	12.60	43.8	14.88	48.6	17.23
50	10	26.1	3.20	31.2	3.71	36.2	4.21	38.7	4.51	41.2	4.78	46.2	5.39	51.4	6.00
	12	26.1	3.23	31.2	3.74	36.2	4.28	38.7	4.58	41.2	4.88	46.2	5.49	51.4	6.10
	14	26.1	3.27	31.2	3.81	36.2	4.35	38.7	4.65	41.2	4.95	46.2	5.56	51.4	6.20
	16	26.1	3.33	31.2	3.87	36.2	4.41	38.7	4.75	41.2	5.02	46.2	5.66	51.4	6.30
	18	26.1	3.37	31.2	3.91	36.2	4.48	38.7	4.82	41.2	5.12	46.2	5.76	51.4	6.43
	20	26.1	3.40	31.2	3.97	36.2	4.58	38.7	4.88	41.2	5.22	46.2	5.86	51.4	6.57
	21	26.1	3.44	31.2	4.01	36.2	4.61	38.7	4.95	41.2	5.25	46.2	5.93	51.4	6.64
	23	26.1	3.50	31.2	4.08	36.2	4.68	38.7	5.02	41.2	5.36	46.2	6.03	51.4	6.77
	25	26.1	3.54	31.2	4.14	36.2	4.78	38.7	5.12	41.2	5.52	46.2	6.33	51.4	7.24
	27	26.1	3.60	31.2	4.28	36.2	5.05	38.7	5.46	41.2	5.86	46.2	6.77	51.4	7.71
	29	26.1	3.81	31.2	4.55	36.2	5.36	38.7	5.79	41.2	6.23	46.2	7.17	51.4	8.18
	31	26.1	4.01	31.2	4.82	36.2	5.69	38.7	6.13	41.2	6.64	46.2	7.65	51.4	8.72
	33	26.1	4.24	31.2	5.09	36.2	6.03	38.7	6.50	41.2	7.04	46.2	8.12	51.4	9.30
	35	26.1	4.48	31.2	5.39	36.2	6.37	38.7	6.90	41.2	7.44	46.2	8.59	51.4	9.87
	37	26.1	4.75	31.2	5.69	36.2	6.74	38.7	7.31	41.2	7.88	46.2	9.16	51.4	10.48
	39	26.1	5.07	31.2	6.10	36.2	7.22	38.7	7.87	41.2	8.46	46.2	9.76	51.4	11.31
	41	25.5	5.48	30.4	6.60	35.3	7.89	37.7	8.52	40.1	9.16	45.0	10.70	50.1	12.29
	43	24.8	5.95	29.7	7.18	34.4	8.59	36.8	9.28	39.1	9.98	43.9	11.66	48.9	13.40
	46	23.3	6.67	27.8	8.06	32.3	9.63	34.5	10.42	36.7	11.20	41.1	13.12	45.8	15.09
	48	20.6	5.81	24.6	7.03	28.5	8.40	30.5	9.09	32.4	9.77	36.4	11.47	40.5	13.19

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 2 Units Combination

◆ ARUV288BTE5 / ARUV288DTE5

Cooling Capacity (24RT)

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	83.6	8.87	99.5	10.83	106.7	12.57	109.8	12.82	112.9	12.92	118.2	13.03	121.3	13.09
	12	83.6	9.09	99.5	11.22	106.7	13.09	109.8	13.17	112.9	13.28	118.2	13.38	121.3	13.50
	14	83.6	9.39	99.5	11.63	106.7	13.58	109.8	13.68	112.9	13.78	118.2	13.90	121.3	14.02
	16	83.6	9.73	99.5	12.03	106.7	14.19	109.8	14.32	112.9	14.44	118.2	14.56	121.3	14.68
	18	83.6	10.14	99.5	12.73	106.7	14.84	109.8	15.16	112.9	15.28	118.2	15.43	121.3	15.54
	20	83.6	10.59	99.5	13.56	106.7	15.57	109.8	16.67	112.9	16.80	116.5	16.97	119.6	17.09
	21	83.6	10.86	99.5	14.04	106.7	15.89	109.8	17.64	112.9	17.78	115.9	17.96	118.9	18.08
	23	83.6	11.66	99.5	14.77	106.7	16.72	109.8	19.47	111.4	19.62	114.2	19.82	117.2	19.96
	25	83.6	12.45	99.5	15.62	106.7	17.87	108.4	21.59	109.8	21.76	112.9	21.98	115.9	22.13
	27	83.6	13.33	99.5	16.70	105.3	19.04	106.7	23.77	108.4	23.96	111.4	24.20	114.2	24.36
	29	83.6	14.20	99.5	17.85	103.6	20.48	105.2	26.13	106.7	26.28	109.8	26.52	112.9	26.62
	31	83.6	15.15	99.2	18.81	101.9	21.79	103.6	26.01	105.2	26.18	108.1	26.40	111.1	26.51
	33	83.6	16.14	97.5	19.92	100.5	23.37	102.2	25.78	103.6	25.93	106.7	26.16	109.4	26.27
	35	83.6	17.21	95.8	20.86	98.8	25.32	100.5	25.44	102.2	25.59	105.0	25.82	108.1	25.93
	37	83.6	18.35	94.5	21.89	97.5	24.98	98.8	25.10	100.5	25.25	103.3	25.49	106.4	25.59
	39	83.6	19.55	92.8	23.04	95.8	24.65	97.5	24.77	98.8	24.92	101.9	25.14	105.0	25.24
	41	81.5	20.73	88.9	24.19	91.9	24.31	93.3	24.43	95.2	24.58	98.0	24.80	100.7	24.90
	43	79.4	21.86	85.2	23.85	88.2	23.97	89.5	24.10	91.3	24.24	94.2	24.46	96.7	24.56
	46	74.4	23.41	77.7	23.36	80.6	23.48	81.8	23.60	83.5	23.73	86.1	23.95	88.5	24.04
	48	65.9	22.75	67.6	22.82	70.0	22.87	71.2	22.93	72.7	23.13	75.0	23.28	77.1	23.37
120	10	75.6	7.98	89.9	9.78	98.3	11.62	101.2	12.56	104.3	12.75	110.0	12.81	112.7	12.91
	12	75.6	8.20	89.9	10.11	98.3	12.09	101.2	12.82	104.3	13.23	110.0	13.39	112.7	13.50
	14	75.6	8.47	89.9	10.46	98.3	12.58	101.2	13.31	104.3	13.71	110.0	13.92	112.7	14.03
	16	75.6	8.77	89.9	10.88	98.3	13.06	101.2	13.81	104.3	14.35	110.0	14.52	112.7	14.64
	18	75.6	9.12	89.9	11.37	98.3	13.58	101.2	14.54	104.3	15.08	110.0	15.25	112.7	15.38
	20	75.6	9.47	89.9	12.06	98.3	14.32	101.2	15.30	104.3	15.89	110.0	16.09	112.7	16.23
	21	75.6	9.75	89.9	12.50	98.3	14.72	101.2	15.74	104.3	16.41	110.0	16.62	112.7	16.75
	23	75.6	10.43	89.9	13.36	98.3	15.77	101.2	16.73	104.3	17.49	110.0	17.66	112.7	17.81
	25	75.6	11.15	89.9	14.32	98.3	16.63	101.2	17.83	104.3	18.76	108.6	18.91	111.3	19.06
	27	75.6	11.89	89.9	15.31	98.3	17.70	101.2	19.06	104.3	20.16	106.9	20.29	109.6	20.46
	29	75.6	12.69	89.9	16.34	98.3	18.62	101.2	20.39	102.6	21.49	105.3	21.81	108.3	21.98
	31	75.6	13.53	89.9	17.45	98.3	19.59	100.0	21.85	101.2	23.04	104.0	23.45	106.6	23.65
	33	75.6	14.39	89.9	18.60	96.9	20.73	98.3	23.72	99.6	24.74	102.3	25.03	105.0	25.22
	35	75.6	15.31	89.9	19.83	95.3	21.93	96.6	26.13	98.3	26.25	101.0	26.33	103.6	26.55
	37	75.6	16.46	89.9	20.92	94.0	23.38	95.3	25.57	96.6	25.71	99.3	25.78	101.9	25.98
	39	75.6	17.73	89.6	22.11	92.3	24.80	93.6	25.05	94.9	25.17	98.0	25.25	100.6	25.45
	41	73.7	18.99	85.7	23.31	88.7	24.31	89.9	24.53	91.1	24.65	93.8	24.73	96.4	24.92
	43	71.9	20.26	82.1	22.97	84.9	23.77	86.1	24.00	87.5	24.12	90.1	24.19	92.6	24.39
	46	67.4	21.79	74.8	22.42	77.6	23.02	78.7	23.21	79.9	23.33	82.3	23.40	84.8	23.58
	48	59.6	21.34	65.0	22.03	67.4	22.57	68.5	22.71	69.5	22.79	71.7	22.87	73.8	22.96
110	10	67.8	7.17	80.8	8.74	90.2	10.39	92.8	11.25	98.7	12.10	101.0	12.43	107.9	12.65
	12	67.8	7.40	80.8	9.04	90.2	10.81	92.8	11.56	98.7	12.55	101.0	12.96	107.9	13.26
	14	67.8	7.63	80.8	9.45	90.2	11.30	92.8	12.13	98.7	13.19	101.0	13.56	107.9	13.85
	16	67.8	7.90	80.8	9.79	90.2	11.77	92.8	12.67	98.7	13.80	101.0	14.17	107.9	14.42
	18	67.8	8.20	80.8	10.20	90.2	12.45	92.8	13.33	98.7	14.55	101.0	14.84	107.9	15.11
	20	67.8	8.49	80.8	10.71	90.2	13.21	92.8	13.95	98.7	15.25	101.0	15.64	107.9	15.89
	21	67.8	8.67	80.8	11.03	90.2	13.55	92.8	14.32	98.7	15.69	101.0	16.08	107.9	16.33
	23	67.8	9.24	80.8	11.82	90.2	14.30	92.8	15.12	98.7	16.57	101.0	16.92	107.9	17.20
	25	67.8	9.87	80.8	12.62	90.2	15.11	92.8	15.99	98.7	17.51	101.0	17.76	106.5	18.12
	27	67.8	10.55	80.8	13.48	90.2	15.96	92.8	16.92	98.7	18.28	101.0	18.70	105.0	19.01
	29	67.8	11.27	80.8	14.39	90.2	16.87	92.8	17.91	98.7	19.32	101.0	19.65	103.6	19.95
	31	67.8	11.98	80.8	15.35	90.2	17.83	92.8	18.98	97.1	20.30	99.7	20.70	101.9	20.92
	33	67.8	12.77	80.8	16.34	90.2	18.84	92.8	20.11	95.7	21.44	98.1	21.79	100.7	21.91
	35	67.8	13.56	80.8	17.45	90.2	19.89	92.8	21.32	94.2	22.62	96.4	22.84	99.0	22.94
	37	67.8	14.37	80.8	18.52	90.2	21.00	91.6	22.58	92.5	23.87	95.2	23.95	97.4	24.01
	39	67.8	15.50	80.8	19.68	88.6	22.16	89.9	24.15	91.2	25.05	93.5	25.08	96.1	25.11
	41	66.0	16.62	78.7	20.84	84.8	23.37	86.1	26.13	87.3	26.13	89.9	26.33	92.1	26.55
	43	64.4	17.46	76.8	21.71	81.3	24.78	82.7	25.06	83.7	25.00	86.1	25.15	88.3	25.22
	46	60.4	17.04	71.9	20.96	74.1	23.52	75.5	23.52	76.5	23.72	78.8	23.85	80.8	23.92
	48	53.4	16.55	62.6	20.19	64.4	22.38	65.6	22.52	66.4	22.64	68.5	22.70	70.3	22.79

7. Capacity Tables

Cooling Capacity (24RT)

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	57.0	6.46	67.8	7.86	78.9	9.31	84.4	10.07	89.9	10.81	99.6	12.04	101.7	12.13
	12	57.0	6.66	67.8	8.18	78.9	9.63	84.4	10.34	89.9	11.16	99.6	12.69	101.7	12.82
	14	57.0	6.88	67.8	8.50	78.9	10.04	84.4	10.78	89.9	11.64	99.6	13.39	101.7	13.53
	16	57.0	7.08	67.8	8.79	78.9	10.46	84.4	11.30	89.9	12.27	99.6	14.05	101.7	14.24
	18	57.0	7.29	67.8	9.11	78.9	10.87	84.4	11.84	89.9	13.01	99.6	14.84	101.7	14.96
	20	57.0	7.56	67.8	9.45	78.9	11.50	84.4	12.69	89.9	13.92	99.6	15.55	101.7	15.67
	21	57.0	7.71	67.8	9.68	78.9	11.89	84.4	13.12	89.9	14.44	99.6	15.91	101.7	16.03
	23	57.0	8.17	67.8	10.35	78.9	12.77	84.4	14.08	89.9	15.47	99.6	16.65	101.7	16.78
	25	57.0	8.69	67.8	11.03	78.9	13.64	84.4	15.07	89.9	16.53	99.6	17.36	100.9	17.51
	27	57.0	9.28	67.8	11.78	78.9	14.59	84.4	16.11	89.9	17.58	97.6	18.18	99.7	18.32
	29	57.0	9.87	67.8	12.57	78.9	15.59	84.4	17.21	89.9	18.61	95.9	18.91	98.2	19.06
	31	57.0	10.55	67.8	13.41	78.9	16.62	84.4	18.37	89.9	19.55	94.4	19.65	96.7	19.80
	33	57.0	11.18	67.8	14.27	78.9	17.73	84.4	19.59	89.9	20.29	92.8	20.38	95.2	20.54
	35	57.0	11.89	67.8	15.18	78.9	18.88	84.4	20.90	88.5	21.02	91.2	21.10	93.5	21.27
	37	57.0	12.74	67.8	16.29	78.9	19.99	84.4	21.90	87.0	22.00	89.5	22.09	91.6	22.30
	39	57.0	13.66	67.8	17.50	78.9	21.19	84.4	22.96	85.6	23.06	88.0	23.16	90.1	23.37
	41	56.1	14.58	66.7	18.71	77.7	22.38	81.0	24.04	82.7	24.14	84.7	24.22	87.5	24.44
	43	54.2	15.43	64.5	19.84	75.0	23.45	77.7	24.95	78.6	25.05	81.0	25.12	83.1	25.36
	46	50.8	16.60	60.4	21.39	70.3	24.88	70.9	26.13	71.7	26.20	73.9	26.28	76.0	26.53
	48	44.9	14.34	53.4	18.50	60.7	21.27	61.6	22.17	62.3	22.24	64.3	22.29	66.0	22.47
90	10	51.3	5.47	61.2	6.58	71.2	7.76	76.0	8.36	80.8	9.00	90.7	10.07	100.7	11.20
	12	51.3	5.54	61.2	6.68	71.2	7.89	76.0	8.53	80.8	9.20	90.7	10.28	100.7	11.40
	14	51.3	5.64	61.2	6.82	71.2	8.06	76.0	8.70	80.8	9.37	90.7	10.47	100.7	11.63
	16	51.3	5.74	61.2	6.95	71.2	8.23	76.0	8.87	80.8	9.53	90.7	10.67	100.7	11.83
	18	51.3	5.85	61.2	7.09	71.2	8.36	76.0	9.07	80.8	9.74	90.7	10.91	100.7	12.43
	20	51.3	5.95	61.2	7.22	71.2	8.53	76.0	9.24	80.8	10.11	90.7	11.66	100.7	13.02
	21	51.3	6.02	61.2	7.28	71.2	8.70	76.0	9.53	80.8	10.48	90.7	11.86	100.7	13.32
	23	51.3	6.14	61.2	7.59	71.2	9.31	76.0	10.24	80.8	11.22	90.7	12.58	99.3	13.95
	25	51.3	6.45	61.2	8.10	71.2	9.94	76.0	10.95	80.8	11.99	90.7	13.45	97.8	14.54
	27	51.3	6.89	61.2	8.63	71.2	10.61	76.0	11.68	80.8	12.82	90.7	14.30	96.4	15.22
	29	51.3	7.28	61.2	9.20	71.2	11.35	76.0	12.49	80.8	13.70	90.7	15.14	95.0	15.84
	31	51.3	7.76	61.2	9.80	71.2	12.09	76.0	13.30	80.8	14.61	90.7	15.90	93.5	16.45
	33	51.3	8.27	61.2	10.45	71.2	12.89	76.0	14.17	80.8	15.50	90.7	16.67	92.1	17.06
	35	51.3	8.76	61.2	11.08	71.2	13.70	76.0	15.11	80.8	16.43	89.2	17.63	90.7	18.03
	37	51.3	9.31	61.2	11.78	71.2	14.61	76.0	16.06	80.8	17.34	87.7	18.43	89.2	18.84
	39	51.3	9.85	61.2	12.53	71.2	15.46	76.0	17.08	80.8	18.24	86.3	19.42	87.8	19.66
	41	49.9	11.02	59.7	13.90	69.3	16.97	74.0	18.68	78.7	19.69	82.7	20.47	84.2	20.94
	43	48.7	11.90	58.2	15.02	67.6	18.53	72.2	20.12	76.8	21.11	79.3	21.92	80.8	22.18
	46	45.6	13.39	54.5	17.10	63.3	21.12	67.6	22.81	69.8	23.46	72.4	24.06	73.8	24.09
	48	40.3	11.70	48.2	14.97	56.1	18.48	59.9	19.90	60.6	20.22	62.9	20.71	64.1	20.74
80	10	45.5	4.65	54.2	5.59	63.0	6.56	67.6	7.08	72.0	7.60	80.8	8.65	89.5	9.41
	12	45.5	4.75	54.2	5.65	63.0	6.69	67.6	7.20	72.0	7.72	80.8	8.82	89.5	9.58
	14	45.5	4.81	54.2	5.79	63.0	6.79	67.6	7.34	72.0	7.86	80.8	8.98	89.5	9.77
	16	45.5	4.88	54.2	5.88	63.0	6.91	67.6	7.46	72.0	8.01	80.8	9.17	89.5	9.96
	18	45.5	4.98	54.2	5.98	63.0	7.05	67.6	7.60	72.0	8.17	80.8	9.34	89.5	10.18
	20	45.5	5.07	54.2	6.10	63.0	7.20	67.6	7.75	72.0	8.34	80.8	9.69	89.5	10.78
	21	45.5	5.10	54.2	6.17	63.0	7.27	67.6	7.86	72.0	8.53	80.8	10.00	89.5	11.07
	23	45.5	5.20	54.2	6.27	63.0	7.60	67.6	8.34	72.0	9.11	80.8	10.56	89.5	11.62
	25	45.5	5.39	54.2	6.69	63.0	8.14	67.6	8.91	72.0	9.76	80.8	11.30	89.5	12.42
	27	45.5	5.72	54.2	7.10	63.0	8.69	67.6	9.53	72.0	10.41	80.8	12.01	89.5	13.06
	29	45.5	6.07	54.2	7.60	63.0	9.24	67.6	10.15	72.0	11.11	80.8	12.86	89.5	13.99
	31	45.5	6.46	54.2	8.05	63.0	9.86	67.6	10.82	72.0	11.82	80.8	13.65	89.5	14.68
	33	45.5	6.84	54.2	8.60	63.0	10.50	67.6	11.53	72.0	12.60	80.8	14.39	89.5	15.39
	35	45.5	7.27	54.2	9.11	63.0	11.18	67.6	12.27	72.0	13.44	80.8	15.25	88.5	15.96
	37	45.5	7.69	54.2	9.69	63.0	11.86	67.6	13.05	72.0	14.28	80.8	16.09	87.1	16.68
	39	45.5	8.13	54.2	10.24	63.0	12.68	67.6	14.03	72.0	15.35	80.8	17.01	85.7	17.60
	41	44.4	8.99	52.8	11.35	61.4	13.92	65.8	15.39	70.2	16.86	78.7	18.92	82.1	19.51
	43	43.2	9.89	51.6	12.39	59.9	15.20	64.2	16.77	68.5	18.42	76.8	20.25	78.7	20.88
	46	40.5	11.01	48.4	13.94	56.1	17.13	60.2	18.66	64.2	20.80	70.2	22.11	71.9	22.46
	48	35.9	9.62	42.7	12.20	49.6	14.97	53.2	16.30	56.8	18.20	60.9	19.13	62.4	19.33

7. Capacity Tables

Cooling Capacity (24RT)

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	39.8	4.14	47.7	4.93	55.2	5.71	59.0	6.17	63.0	6.59	70.5	7.51	78.4	8.40
	12	39.8	4.21	47.7	5.00	55.2	5.84	59.0	6.27	63.0	6.72	70.5	7.63	78.4	8.55
	14	39.8	4.27	47.7	5.05	55.2	5.94	59.0	6.36	63.0	6.82	70.5	7.80	78.4	8.71
	16	39.8	4.34	47.7	5.16	55.2	6.04	59.0	6.50	63.0	6.95	70.5	7.93	78.4	8.90
	18	39.8	4.41	47.7	5.26	55.2	6.17	59.0	6.62	63.0	7.09	70.5	8.06	78.4	9.06
	20	39.8	4.47	47.7	5.35	55.2	6.27	59.0	6.76	63.0	7.25	70.5	8.26	78.4	9.40
	21	39.8	4.53	47.7	5.38	55.2	6.33	59.0	6.82	63.0	7.31	70.5	8.39	78.4	9.60
	23	39.8	4.60	47.7	5.52	55.2	6.46	59.0	7.05	63.0	7.67	70.5	8.97	78.4	10.14
	25	39.8	4.67	47.7	5.71	55.2	6.88	59.0	7.54	63.0	8.19	70.5	9.60	78.4	10.63
	27	39.8	4.93	47.7	6.10	55.2	7.35	59.0	7.99	63.0	8.74	70.5	10.24	78.4	11.29
	29	39.8	5.26	47.7	6.46	55.2	7.80	59.0	8.52	63.0	9.30	70.5	10.94	78.4	12.10
	31	39.8	5.58	47.7	6.88	55.2	8.32	59.0	9.11	63.0	9.92	70.5	11.65	78.4	12.84
	33	39.8	5.91	47.7	7.28	55.2	8.85	59.0	9.66	63.0	10.54	70.5	12.40	78.4	13.67
	35	39.8	6.23	47.7	7.77	55.2	9.40	59.0	10.28	63.0	11.23	70.5	13.22	78.4	14.49
	37	39.8	6.62	47.7	8.22	55.2	9.98	59.0	10.94	63.0	11.95	70.5	14.07	78.4	15.29
	39	39.8	7.04	47.7	8.78	55.2	10.68	59.0	11.76	63.0	12.90	70.5	15.05	78.4	16.49
	41	38.8	7.78	46.5	9.61	53.7	11.71	57.6	12.90	61.4	14.02	68.8	16.53	76.3	17.78
	43	37.8	8.47	45.3	10.47	52.5	12.78	56.1	14.07	59.9	15.31	67.1	18.06	74.5	19.23
	46	35.5	9.41	42.4	11.78	49.1	14.39	52.6	15.67	56.1	17.26	62.8	20.38	69.8	21.44
	48	31.4	8.21	37.5	10.29	43.4	12.58	46.5	13.69	49.6	15.10	55.6	17.82	61.8	18.55
60	10	34.1	3.63	40.7	4.26	47.3	4.95	50.6	5.30	54.0	5.63	60.6	6.39	67.2	7.15
	12	34.1	3.69	40.7	4.31	47.3	5.01	50.6	5.37	54.0	5.74	60.6	6.49	67.2	7.29
	14	34.1	3.73	40.7	4.38	47.3	5.11	50.6	5.47	54.0	5.83	60.6	6.62	67.2	7.41
	16	34.1	3.79	40.7	4.49	47.3	5.17	50.6	5.57	54.0	5.97	60.6	6.76	67.2	7.55
	18	34.1	3.86	40.7	4.54	47.3	5.28	50.6	5.67	54.0	6.07	60.6	6.85	67.2	7.71
	20	34.1	3.92	40.7	4.61	47.3	5.37	50.6	5.77	54.0	6.16	60.6	6.99	67.2	7.88
	21	34.1	3.96	40.7	4.65	47.3	5.44	50.6	5.83	54.0	6.23	60.6	7.09	67.2	7.94
	23	34.1	4.02	40.7	4.75	47.3	5.51	50.6	5.93	54.0	6.36	60.6	7.35	67.2	8.43
	25	34.1	4.09	40.7	4.84	47.3	5.74	50.6	6.23	54.0	6.76	60.6	7.85	67.2	9.03
	27	34.1	4.22	40.7	5.11	47.3	6.09	50.6	6.62	54.0	7.18	60.6	8.34	67.2	9.63
	29	34.1	4.49	40.7	5.44	47.3	6.49	50.6	7.06	54.0	7.64	60.6	8.90	67.2	10.28
	31	34.1	4.75	40.7	5.77	47.3	6.89	50.6	7.52	54.0	8.14	60.6	9.49	67.2	10.95
	33	34.1	5.01	40.7	6.09	47.3	7.32	50.6	7.97	54.0	8.66	60.6	10.09	67.2	11.67
	35	34.1	5.30	40.7	6.49	47.3	7.78	50.6	8.47	54.0	9.19	60.6	10.74	67.2	12.39
	37	34.1	5.60	40.7	6.85	47.3	8.24	50.6	9.00	54.0	9.75	60.6	11.41	67.2	13.18
	39	34.1	5.96	40.7	7.30	47.3	8.89	50.6	9.65	54.0	10.49	60.6	12.23	67.2	14.13
	41	33.1	6.46	39.6	7.99	46.1	9.66	49.4	10.54	52.5	11.39	59.0	13.42	65.5	15.35
	43	32.4	7.02	38.6	8.69	45.0	10.53	48.2	11.49	51.3	12.43	57.6	14.65	63.8	16.77
	46	30.4	7.87	36.2	9.76	42.2	11.84	45.1	12.92	48.0	13.98	54.0	16.51	59.9	19.10
	48	26.8	6.85	32.1	8.52	37.2	10.35	39.9	11.28	42.5	12.22	47.7	14.43	53.0	16.72
50	10	28.5	3.16	34.1	3.66	39.5	4.16	42.2	4.46	44.9	4.73	50.3	5.32	56.1	5.92
	12	28.5	3.20	34.1	3.70	39.5	4.23	42.2	4.52	44.9	4.82	50.3	5.43	56.1	6.03
	14	28.5	3.23	34.1	3.76	39.5	4.29	42.2	4.59	44.9	4.89	50.3	5.49	56.1	6.12
	16	28.5	3.29	34.1	3.83	39.5	4.36	42.2	4.69	44.9	4.96	50.3	5.59	56.1	6.23
	18	28.5	3.33	34.1	3.86	39.5	4.43	42.2	4.76	44.9	5.05	50.3	5.69	56.1	6.35
	20	28.5	3.36	34.1	3.93	39.5	4.52	42.2	4.82	44.9	5.16	50.3	5.80	56.1	6.49
	21	28.5	3.40	34.1	3.96	39.5	4.56	42.2	4.89	44.9	5.19	50.3	5.85	56.1	6.56
	23	28.5	3.47	34.1	4.02	39.5	4.63	42.2	4.96	44.9	5.30	50.3	5.96	56.1	6.69
	25	28.5	3.49	34.1	4.09	39.5	4.73	42.2	5.05	44.9	5.46	50.3	6.26	56.1	7.15
	27	28.5	3.56	34.1	4.23	39.5	5.00	42.2	5.39	44.9	5.80	50.3	6.69	56.1	7.63
	29	28.5	3.76	34.1	4.50	39.5	5.30	42.2	5.73	44.9	6.16	50.3	7.09	56.1	8.09
	31	28.5	3.96	34.1	4.76	39.5	5.62	42.2	6.06	44.9	6.56	50.3	7.56	56.1	8.62
	33	28.5	4.20	34.1	5.03	39.5	5.96	42.2	6.42	44.9	6.96	50.3	8.02	56.1	9.18
	35	28.5	4.43	34.1	5.32	39.5	6.29	42.2	6.83	44.9	7.36	50.3	8.49	56.1	9.75
	37	28.5	4.69	34.1	5.62	39.5	6.65	42.2	7.22	44.9	7.79	50.3	9.05	56.1	10.35
	39	28.5	5.00	34.1	6.03	39.5	7.13	42.2	7.77	44.9	8.36	50.3	9.64	56.1	11.18
	41	27.8	5.41	33.1	6.53	38.4	7.79	41.1	8.42	43.8	9.05	49.1	10.57	54.6	12.15
	43	27.1	5.89	32.4	7.10	37.6	8.49	40.1	9.16	42.7	9.86	47.9	11.53	53.3	13.25
	46	25.4	6.58	30.4	7.97	35.2	9.52	37.6	10.30	40.0	11.07	44.8	12.97	49.9	14.91
	48	22.5	5.74	26.8	6.94	31.1	8.31	33.3	8.98	35.4	9.66	39.6	11.33	44.1	13.04

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

◆ ARUV312BTE5 / ARUV312DTE5

Cooling Capacity (26RT)

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	90.7	9.51	107.9	11.62	115.7	13.49	119.0	13.76	122.4	13.86	128.2	13.98	131.5	14.04
	12	90.7	9.75	107.9	12.04	115.7	14.04	119.0	14.13	122.4	14.25	128.2	14.36	131.5	14.49
	14	90.7	10.07	107.9	12.48	115.7	14.57	119.0	14.67	122.4	14.79	128.2	14.91	131.5	15.04
	16	90.7	10.44	107.9	12.91	115.7	15.22	119.0	15.36	122.4	15.49	128.2	15.62	131.5	15.75
	18	90.7	10.88	107.9	13.65	115.7	15.92	119.0	16.26	122.4	16.39	128.2	16.55	131.5	16.67
	20	90.7	11.36	107.9	14.55	115.7	16.70	119.0	17.89	122.4	18.03	126.3	18.21	129.7	18.34
	21	90.7	11.65	107.9	15.06	115.7	17.05	119.0	18.92	122.4	19.08	125.6	19.27	128.9	19.40
	23	90.7	12.51	107.9	15.84	115.7	17.94	119.0	20.89	120.8	21.05	123.8	21.26	127.1	21.41
	25	90.7	13.36	107.9	16.75	115.7	19.17	117.5	23.16	119.0	23.35	122.4	23.58	125.6	23.74
	27	90.7	14.30	107.9	17.91	114.2	20.42	115.7	25.50	117.5	25.71	120.8	25.96	123.8	26.14
	29	90.7	15.23	107.9	19.15	112.3	21.97	114.0	28.03	115.7	28.19	119.0	28.45	122.4	28.56
	31	90.7	16.25	107.6	20.17	110.5	23.37	112.3	27.90	114.0	28.08	117.2	28.32	120.4	28.43
	33	90.7	17.31	105.7	21.37	109.0	25.07	110.8	27.66	112.3	27.82	115.7	28.06	118.6	28.18
	35	90.7	18.47	103.9	22.37	107.1	27.16	109.0	27.29	110.8	27.45	113.8	27.70	117.2	27.81
	37	90.7	19.69	102.4	23.48	105.7	26.80	107.1	26.93	109.0	27.09	112.0	27.34	115.4	27.45
	39	90.7	20.97	100.6	24.72	103.9	26.44	105.7	26.58	107.1	26.73	110.5	26.97	113.8	27.08
	41	88.3	22.24	96.4	25.95	99.6	26.08	101.1	26.21	103.2	26.37	106.3	26.61	109.1	26.71
	43	86.1	23.45	92.3	25.59	95.6	25.72	97.0	25.85	99.0	26.00	102.1	26.24	104.8	26.34
	46	80.7	25.11	84.3	25.06	87.3	25.18	88.7	25.31	90.5	25.46	93.4	25.69	96.0	25.79
	48	71.4	24.40	73.2	24.48	75.9	24.53	77.2	24.60	78.8	24.81	81.3	24.97	83.6	25.07
120	10	82.0	8.56	97.5	10.49	106.6	12.46	109.8	13.47	113.1	13.68	119.2	13.75	122.1	13.85
	12	82.0	8.79	97.5	10.85	106.6	12.97	109.8	13.76	113.1	14.20	119.2	14.36	122.1	14.48
	14	82.0	9.09	97.5	11.22	106.6	13.49	109.8	14.28	113.1	14.71	119.2	14.93	122.1	15.05
	16	82.0	9.41	97.5	11.67	106.6	14.01	109.8	14.81	113.1	15.39	119.2	15.58	122.1	15.70
	18	82.0	9.78	97.5	12.20	106.6	14.57	109.8	15.59	113.1	16.18	119.2	16.36	122.1	16.50
	20	82.0	10.16	97.5	12.93	106.6	15.36	109.8	16.41	113.1	17.04	119.2	17.26	122.1	17.41
	21	82.0	10.46	97.5	13.40	106.6	15.79	109.8	16.89	113.1	17.60	119.2	17.83	122.1	17.97
	23	82.0	11.19	97.5	14.34	106.6	16.92	109.8	17.95	113.1	18.76	119.2	18.95	122.1	19.10
	25	82.0	11.96	97.5	15.36	106.6	17.84	109.8	19.13	113.1	20.12	117.8	20.29	120.6	20.45
	27	82.0	12.76	97.5	16.42	106.6	18.99	109.8	20.44	113.1	21.63	115.9	21.77	118.8	21.94
	29	82.0	13.62	97.5	17.52	106.6	19.98	109.8	21.87	111.2	23.05	114.1	23.39	117.4	23.58
	31	82.0	14.51	97.5	18.72	106.6	21.02	108.4	23.44	109.8	24.72	112.7	25.16	115.6	25.36
	33	82.0	15.44	97.5	19.95	105.1	22.23	106.6	25.44	107.9	26.54	110.9	26.85	113.8	27.06
	35	82.0	16.42	97.5	21.27	103.3	23.53	104.7	28.03	106.6	28.16	109.5	28.25	112.3	28.48
	37	82.0	17.66	97.5	22.45	101.9	25.08	103.3	27.43	104.7	27.58	107.6	27.66	110.5	27.87
	39	82.0	19.02	97.2	23.72	100.1	26.61	101.4	26.87	102.9	27.01	106.3	27.09	109.1	27.30
	41	79.9	20.37	92.9	25.00	96.1	26.08	97.4	26.31	98.8	26.44	101.7	26.52	104.6	26.73
	43	78.0	21.74	89.0	24.64	92.1	25.50	93.4	25.74	94.8	25.87	97.7	25.95	100.4	26.16
	46	73.0	23.37	81.1	24.05	84.2	24.69	85.3	24.90	86.6	25.03	89.2	25.10	92.0	25.30
	48	64.7	22.90	70.5	23.63	73.1	24.21	74.3	24.36	75.4	24.44	77.7	24.53	80.0	24.63
110	10	73.5	7.69	87.6	9.38	97.8	11.14	100.6	12.06	107.0	12.98	109.5	13.34	116.9	13.56
	12	73.5	7.93	87.6	9.70	97.8	11.60	100.6	12.40	107.0	13.47	109.5	13.90	116.9	14.22
	14	73.5	8.19	87.6	10.14	97.8	12.13	100.6	13.01	107.0	14.15	109.5	14.55	116.9	14.86
	16	73.5	8.48	87.6	10.51	97.8	12.63	100.6	13.59	107.0	14.80	109.5	15.20	116.9	15.47
	18	73.5	8.79	87.6	10.94	97.8	13.36	100.6	14.30	107.0	15.60	109.5	15.92	116.9	16.21
	20	73.5	9.11	87.6	11.49	97.8	14.17	100.6	14.96	107.0	16.36	109.5	16.77	116.9	17.04
	21	73.5	9.30	87.6	11.83	97.8	14.54	100.6	15.36	107.0	16.83	109.5	17.25	116.9	17.52
	23	73.5	9.91	87.6	12.68	97.8	15.34	100.6	16.22	107.0	17.78	109.5	18.15	116.9	18.45
	25	73.5	10.59	87.6	13.53	97.8	16.21	100.6	17.15	107.0	18.78	109.5	19.05	115.4	19.44
	27	73.5	11.32	87.6	14.46	97.8	17.13	100.6	18.15	107.0	19.61	109.5	20.06	113.8	20.40
	29	73.5	12.09	87.6	15.44	97.8	18.10	100.6	19.21	107.0	20.73	109.5	21.08	112.3	21.40
	31	73.5	12.85	87.6	16.46	97.8	19.13	100.6	20.36	105.3	21.78	108.1	22.21	110.5	22.44
	33	73.5	13.70	87.6	17.52	97.8	20.21	100.6	21.58	103.8	23.00	106.3	23.37	109.1	23.50
	35	73.5	14.55	87.6	18.72	97.8	21.34	100.6	22.87	102.1	24.27	104.5	24.50	107.4	24.61
	37	73.5	15.42	87.6	19.87	97.8	22.53	99.3	24.22	100.3	25.60	103.2	25.69	105.6	25.76
	39	73.5	16.62	87.6	21.11	96.1	23.77	97.5	25.90	98.9	26.87	101.4	26.91	104.2	26.93
	41	71.5	17.83	85.3	22.36	92.0	25.07	93.4	28.03	94.6	28.03	97.4	28.25	99.8	28.48
	43	69.9	18.73	83.2	23.29	88.1	26.58	89.6	26.88	90.7	26.82	93.4	26.98	95.7	27.05
	46	65.5	18.28	78.0	22.48	80.4	25.23	81.8	25.23	82.9	25.45	85.4	25.58	87.6	25.66
	48	57.9	17.75	67.8	21.66	69.9	24.00	71.1	24.16	72.0	24.28	74.3	24.35	76.2	24.45

7. Capacity Tables

Cooling Capacity (26RT)

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	61.8	6.93	73.5	8.43	85.6	9.99	91.5	10.80	97.4	11.60	107.9	12.91	110.3	13.02
	12	61.8	7.15	73.5	8.77	85.6	10.33	91.5	11.09	97.4	11.97	107.9	13.61	110.3	13.75
	14	61.8	7.38	73.5	9.12	85.6	10.77	91.5	11.57	97.4	12.49	107.9	14.37	110.3	14.51
	16	61.8	7.60	73.5	9.42	85.6	11.23	91.5	12.12	97.4	13.17	107.9	15.07	110.3	15.28
	18	61.8	7.82	73.5	9.77	85.6	11.66	91.5	12.70	97.4	13.96	107.9	15.91	110.3	16.04
	20	61.8	8.11	73.5	10.14	85.6	12.33	91.5	13.62	97.4	14.93	107.9	16.68	110.3	16.81
	21	61.8	8.27	73.5	10.38	85.6	12.76	91.5	14.08	97.4	15.49	107.9	17.06	110.3	17.20
	23	61.8	8.77	73.5	11.10	85.6	13.70	91.5	15.10	97.4	16.59	107.9	17.86	110.3	18.00
	25	61.8	9.32	73.5	11.83	85.6	14.63	91.5	16.17	97.4	17.74	107.9	18.63	109.4	18.78
	27	61.8	9.96	73.5	12.64	85.6	15.65	91.5	17.28	97.4	18.86	105.8	19.50	108.1	19.66
	29	61.8	10.59	73.5	13.49	85.6	16.72	91.5	18.47	97.4	19.97	103.9	20.29	106.5	20.45
	31	61.8	11.32	73.5	14.38	85.6	17.83	91.5	19.70	97.4	20.97	102.4	21.07	104.8	21.24
	33	61.8	11.99	73.5	15.31	85.6	19.02	91.5	21.02	97.4	21.76	100.7	21.86	103.2	22.03
	35	61.8	12.76	73.5	16.29	85.6	20.25	91.5	22.42	95.9	22.55	98.8	22.64	101.4	22.82
	37	61.8	13.67	73.5	17.47	85.6	21.45	91.5	23.49	94.3	23.60	97.0	23.69	99.3	23.92
	39	61.8	14.65	73.5	18.78	85.6	22.73	91.5	24.63	92.8	24.74	95.4	24.84	97.7	25.07
	41	60.8	15.64	72.3	20.07	84.2	24.01	87.8	25.79	89.7	25.89	91.8	25.98	94.8	26.22
	43	58.7	16.55	69.9	21.28	81.4	25.16	84.2	26.77	85.2	26.87	87.8	26.95	90.1	27.21
	46	55.0	17.81	65.5	22.94	76.2	26.69	76.9	28.03	77.7	28.11	80.1	28.19	82.4	28.46
	48	48.6	15.38	57.9	19.84	65.8	22.81	66.8	23.78	67.5	23.86	69.7	23.91	71.6	24.10
90	10	55.6	6.05	66.3	7.28	77.2	8.59	82.4	9.25	87.6	9.96	98.3	11.14	109.2	12.39
	12	55.6	6.13	66.3	7.39	77.2	8.73	82.4	9.44	87.6	10.18	98.3	11.37	109.2	12.61
	14	55.6	6.24	66.3	7.54	77.2	8.92	82.4	9.63	87.6	10.36	98.3	11.59	109.2	12.87
	16	55.6	6.35	66.3	7.69	77.2	9.10	82.4	9.81	87.6	10.55	98.3	11.81	109.2	13.09
	18	55.6	6.47	66.3	7.84	77.2	9.25	82.4	10.03	87.6	10.78	98.3	12.07	109.2	13.75
	20	55.6	6.58	66.3	7.99	77.2	9.44	82.4	10.22	87.6	11.18	98.3	12.91	109.2	14.40
	21	55.6	6.66	66.3	8.06	77.2	9.63	82.4	10.55	87.6	11.59	98.3	13.12	109.2	14.74
	23	55.6	6.80	66.3	8.40	77.2	10.30	82.4	11.33	87.6	12.41	98.3	13.92	107.6	15.43
	25	55.6	7.14	66.3	8.96	77.2	11.00	82.4	12.12	87.6	13.27	98.3	14.88	106.1	16.09
	27	55.6	7.62	66.3	9.55	77.2	11.74	82.4	12.93	87.6	14.19	98.3	15.82	104.5	16.84
	29	55.6	8.06	66.3	10.18	77.2	12.56	82.4	13.82	87.6	15.15	98.3	16.76	103.0	17.53
	31	55.6	8.59	66.3	10.85	77.2	13.38	82.4	14.72	87.6	16.16	98.3	17.59	101.4	18.20
	33	55.6	9.14	66.3	11.56	77.2	14.27	82.4	15.68	87.6	17.15	98.3	18.44	99.9	18.88
	35	55.6	9.69	66.3	12.26	77.2	15.15	82.4	16.72	87.6	18.18	96.7	19.50	98.3	19.94
	37	55.6	10.30	66.3	13.04	77.2	16.16	82.4	17.77	87.6	19.19	95.1	20.39	96.7	20.84
	39	55.6	10.90	66.3	13.87	77.2	17.11	82.4	18.90	87.6	20.18	93.6	21.49	95.2	21.75
	41	54.1	12.20	64.7	15.38	75.1	18.78	80.3	20.67	85.3	21.79	89.7	22.65	91.2	23.17
	43	52.8	13.16	63.1	16.62	73.3	20.51	78.3	22.26	83.2	23.36	86.0	24.25	87.6	24.55
	46	49.4	14.82	59.1	18.92	68.7	23.37	73.3	25.24	75.6	25.95	78.5	26.63	80.0	26.66
	48	43.7	12.95	52.3	16.56	60.8	20.45	64.9	22.02	65.7	22.37	68.2	22.91	69.5	22.94
80	10	49.4	5.17	58.8	6.22	68.3	7.29	73.2	7.86	78.1	8.44	87.6	9.62	97.0	10.45
	12	49.4	5.28	58.8	6.28	68.3	7.44	73.2	8.00	78.1	8.58	87.6	9.80	97.0	10.65
	14	49.4	5.35	58.8	6.43	68.3	7.54	73.2	8.15	78.1	8.73	87.6	9.98	97.0	10.86
	16	49.4	5.42	58.8	6.54	68.3	7.68	73.2	8.29	78.1	8.90	87.6	10.20	97.0	11.07
	18	49.4	5.53	58.8	6.64	68.3	7.83	73.2	8.44	78.1	9.08	87.6	10.38	97.0	11.31
	20	49.4	5.64	58.8	6.78	68.3	8.00	73.2	8.61	78.1	9.27	87.6	10.77	97.0	11.98
	21	49.4	5.67	58.8	6.86	68.3	8.08	73.2	8.73	78.1	9.48	87.6	11.12	97.0	12.31
	23	49.4	5.78	58.8	6.97	68.3	8.44	73.2	9.27	78.1	10.12	87.6	11.73	97.0	12.91
	25	49.4	5.99	58.8	7.44	68.3	9.05	73.2	9.91	78.1	10.85	87.6	12.55	97.0	13.80
	27	49.4	6.36	58.8	7.90	68.3	9.66	73.2	10.59	78.1	11.57	87.6	13.34	97.0	14.52
	29	49.4	6.75	58.8	8.44	68.3	10.27	73.2	11.28	78.1	12.35	87.6	14.30	97.0	15.54
	31	49.4	7.18	58.8	8.94	68.3	10.96	73.2	12.03	78.1	13.14	87.6	15.17	97.0	16.32
	33	49.4	7.61	58.8	9.55	68.3	11.67	73.2	12.82	78.1	14.01	87.6	15.99	97.0	17.11
	35	49.4	8.08	58.8	10.12	68.3	12.42	73.2	13.64	78.1	14.94	87.6	16.95	96.0	17.74
	37	49.4	8.55	58.8	10.77	68.3	13.18	73.2	14.51	78.1	15.87	87.6	17.88	94.4	18.54
	39	49.4	9.03	58.8	11.38	68.3	14.09	73.2	15.60	78.1	17.06	87.6	18.90	92.9	19.56
	41	48.1	9.99	57.3	12.61	66.5	15.47	71.3	17.10	76.1	18.74	85.3	21.03	89.0	21.68
	43	46.9	11.00	55.9	13.77	64.9	16.89	69.6	18.64	74.3	20.48	83.2	22.50	85.3	23.20
	46	43.9	12.24	52.4	15.50	60.8	19.03	65.2	20.74	69.6	23.11	76.1	24.57	77.9	24.96
	48	38.9	10.69	46.3	13.56	53.8	16.64	57.7	18.11	61.6	20.23	66.1	21.26	67.6	21.48

7. Capacity Tables

Cooling Capacity (26RT)

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	43.1	4.62	51.7	5.50	59.8	6.37	64.0	6.89	68.3	7.36	76.5	8.38	85.0	9.38
	12	43.1	4.70	51.7	5.58	59.8	6.52	64.0	7.00	68.3	7.50	76.5	8.52	85.0	9.55
	14	43.1	4.77	51.7	5.64	59.8	6.63	64.0	7.10	68.3	7.61	76.5	8.71	85.0	9.72
	16	43.1	4.85	51.7	5.76	59.8	6.74	64.0	7.25	68.3	7.76	76.5	8.86	85.0	9.93
	18	43.1	4.92	51.7	5.87	59.8	6.89	64.0	7.39	68.3	7.91	76.5	9.00	85.0	10.11
	20	43.1	4.99	51.7	5.98	59.8	7.00	64.0	7.54	68.3	8.09	76.5	9.22	85.0	10.49
	21	43.1	5.06	51.7	6.01	59.8	7.07	64.0	7.61	68.3	8.16	76.5	9.36	85.0	10.72
	23	43.1	5.14	51.7	6.16	59.8	7.21	64.0	7.87	68.3	8.57	76.5	10.02	85.0	11.32
	25	43.1	5.21	51.7	6.37	59.8	7.68	64.0	8.42	68.3	9.15	76.5	10.71	85.0	11.87
	27	43.1	5.50	51.7	6.81	59.8	8.20	64.0	8.92	68.3	9.76	76.5	11.44	85.0	12.61
	29	43.1	5.87	51.7	7.21	59.8	8.71	64.0	9.51	68.3	10.38	76.5	12.21	85.0	13.50
	31	43.1	6.23	51.7	7.68	59.8	9.29	64.0	10.17	68.3	11.07	76.5	13.00	85.0	14.33
	33	43.1	6.60	51.7	8.12	59.8	9.88	64.0	10.78	68.3	11.77	76.5	13.84	85.0	15.26
	35	43.1	6.95	51.7	8.67	59.8	10.49	64.0	11.48	68.3	12.53	76.5	14.76	85.0	16.18
	37	43.1	7.39	51.7	9.18	59.8	11.14	64.0	12.21	68.3	13.34	76.5	15.70	85.0	17.07
	39	43.1	7.86	51.7	9.80	59.8	11.92	64.0	13.13	68.3	14.40	76.5	16.80	85.0	18.40
	41	42.1	8.68	50.4	10.73	58.3	13.08	62.4	14.40	66.5	15.65	74.5	18.46	82.7	19.85
	43	41.0	9.46	49.1	11.69	56.9	14.26	60.9	15.70	64.9	17.10	72.7	20.16	80.8	21.47
	46	38.4	10.51	46.0	13.15	53.3	16.07	57.0	17.49	60.8	19.27	68.1	22.75	75.7	23.93
	48	34.0	9.17	40.6	11.48	47.1	14.05	50.4	15.28	53.8	16.86	60.3	19.90	67.0	20.71
60	10	36.9	4.07	44.1	4.77	51.3	5.55	54.9	5.95	58.5	6.31	65.7	7.17	72.8	8.02
	12	36.9	4.13	44.1	4.84	51.3	5.61	54.9	6.02	58.5	6.43	65.7	7.28	72.8	8.17
	14	36.9	4.18	44.1	4.91	51.3	5.73	54.9	6.13	58.5	6.54	65.7	7.43	72.8	8.31
	16	36.9	4.25	44.1	5.03	51.3	5.80	54.9	6.25	58.5	6.69	65.7	7.58	72.8	8.46
	18	36.9	4.33	44.1	5.09	51.3	5.91	54.9	6.36	58.5	6.80	65.7	7.69	72.8	8.65
	20	36.9	4.39	44.1	5.17	51.3	6.02	54.9	6.47	58.5	6.91	65.7	7.84	72.8	8.83
	21	36.9	4.44	44.1	5.21	51.3	6.10	54.9	6.54	58.5	6.98	65.7	7.94	72.8	8.90
	23	36.9	4.51	44.1	5.32	51.3	6.17	54.9	6.65	58.5	7.13	65.7	8.24	72.8	9.46
	25	36.9	4.59	44.1	5.43	51.3	6.43	54.9	6.98	58.5	7.58	65.7	8.80	72.8	10.12
	27	36.9	4.73	44.1	5.73	51.3	6.83	54.9	7.43	58.5	8.05	65.7	9.35	72.8	10.79
	29	36.9	5.03	44.1	6.10	51.3	7.28	54.9	7.91	58.5	8.57	65.7	9.97	72.8	11.53
	31	36.9	5.32	44.1	6.47	51.3	7.73	54.9	8.43	58.5	9.13	65.7	10.64	72.8	12.27
	33	36.9	5.61	44.1	6.83	51.3	8.20	54.9	8.94	58.5	9.71	65.7	11.31	72.8	13.08
	35	36.9	5.95	44.1	7.28	51.3	8.72	54.9	9.50	58.5	10.31	65.7	12.05	72.8	13.89
	37	36.9	6.28	44.1	7.68	51.3	9.24	54.9	10.09	58.5	10.93	65.7	12.79	72.8	14.78
	39	36.9	6.68	44.1	8.18	51.3	9.97	54.9	10.82	58.5	11.77	65.7	13.71	72.8	15.84
	41	35.9	7.24	42.9	8.95	50.0	10.83	53.5	11.82	57.0	12.77	64.0	15.05	71.0	17.21
	43	35.1	7.87	41.9	9.74	48.8	11.81	52.2	12.88	55.6	13.94	62.4	16.43	69.2	18.80
	46	32.9	8.82	39.3	10.95	45.7	13.27	48.9	14.48	52.1	15.68	58.5	18.51	64.9	21.42
	48	29.1	7.68	34.8	9.55	40.4	11.60	43.2	12.65	46.1	13.70	51.7	16.18	57.4	18.74
50	10	30.9	3.56	36.9	4.12	42.8	4.68	45.8	5.02	48.7	5.32	54.6	5.99	60.8	6.67
	12	30.9	3.60	36.9	4.16	42.8	4.76	45.8	5.09	48.7	5.43	54.6	6.11	60.8	6.79
	14	30.9	3.63	36.9	4.24	42.8	4.83	45.8	5.17	48.7	5.51	54.6	6.18	60.8	6.89
	16	30.9	3.71	36.9	4.31	42.8	4.91	45.8	5.28	48.7	5.58	54.6	6.30	60.8	7.01
	18	30.9	3.75	36.9	4.35	42.8	4.99	45.8	5.35	48.7	5.69	54.6	6.41	60.8	7.15
	20	30.9	3.78	36.9	4.42	42.8	5.09	45.8	5.43	48.7	5.81	54.6	6.52	60.8	7.31
	21	30.9	3.83	36.9	4.46	42.8	5.14	45.8	5.51	48.7	5.84	54.6	6.59	60.8	7.38
	23	30.9	3.90	36.9	4.53	42.8	5.21	45.8	5.58	48.7	5.96	54.6	6.71	60.8	7.53
	25	30.9	3.93	36.9	4.61	42.8	5.32	45.8	5.69	48.7	6.15	54.6	7.05	60.8	8.05
	27	30.9	4.01	36.9	4.76	42.8	5.63	45.8	6.07	48.7	6.52	54.6	7.53	60.8	8.58
	29	30.9	4.24	36.9	5.06	42.8	5.96	45.8	6.45	48.7	6.94	54.6	7.98	60.8	9.10
	31	30.9	4.46	36.9	5.35	42.8	6.33	45.8	6.82	48.7	7.38	54.6	8.51	60.8	9.70
	33	30.9	4.73	36.9	5.66	42.8	6.71	45.8	7.23	48.7	7.84	54.6	9.03	60.8	10.34
	35	30.9	4.99	36.9	5.99	42.8	7.08	45.8	7.68	48.7	8.28	54.6	9.56	60.8	10.98
	37	30.9	5.28	36.9	6.33	42.8	7.49	45.8	8.13	48.7	8.77	54.6	10.19	60.8	11.65
	39	30.9	5.63	36.9	6.79	42.8	8.03	45.8	8.75	48.7	9.41	54.6	10.85	60.8	12.58
	41	30.1	6.09	35.9	7.35	41.7	8.78	44.5	9.48	47.5	10.19	53.2	11.90	59.2	13.67
	43	29.4	6.63	35.1	8.00	40.7	9.56	43.5	10.32	46.3	11.10	51.9	12.98	57.7	14.91
	46	27.5	7.41	32.9	8.97	38.2	10.72	40.8	11.59	43.4	12.46	48.6	14.60	54.1	16.79
	48	24.4	6.46	29.1	7.82	33.8	9.35	36.1	10.11	38.4	10.88	43.0	12.76	47.9	14.68

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

◆ ARUV336BTE5 / ARUV336DTE5

Cooling Capacity (28RT)

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	97.6	10.20	116.2	12.47	124.5	14.47	128.1	14.76	131.7	14.87	138.0	15.00	141.6	15.06
	12	97.6	10.46	116.2	12.91	124.5	15.06	128.1	15.15	131.7	15.28	138.0	15.40	141.6	15.54
	14	97.6	10.80	116.2	13.39	124.5	15.63	128.1	15.74	131.7	15.86	138.0	15.99	141.6	16.13
	16	97.6	11.20	116.2	13.85	124.5	16.33	128.1	16.48	131.7	16.61	138.0	16.76	141.6	16.89
	18	97.6	11.67	116.2	14.65	124.5	17.07	128.1	17.44	131.7	17.58	138.0	17.75	141.6	17.88
	20	97.6	12.18	116.2	15.60	124.5	17.92	128.1	19.19	131.7	19.34	136.0	19.53	139.6	19.67
	21	97.6	12.50	116.2	16.16	124.5	18.29	128.1	20.30	131.7	20.46	135.2	20.67	138.8	20.81
	23	97.6	13.42	116.2	16.99	124.5	19.25	128.1	22.41	130.0	22.58	133.2	22.81	136.8	22.97
	25	97.6	14.33	116.2	17.97	124.5	20.57	126.5	24.85	128.1	25.04	131.7	25.29	135.2	25.47
	27	97.6	15.34	116.2	19.21	122.9	21.91	124.5	27.36	126.5	27.58	130.0	27.84	133.2	28.04
	29	97.6	16.34	116.2	20.54	120.9	23.57	122.8	30.07	124.5	30.24	128.1	30.52	131.7	30.63
	31	97.6	17.43	115.8	21.64	118.9	25.07	120.9	29.93	122.8	30.12	126.1	30.38	129.6	30.50
	33	97.6	18.57	113.8	22.92	117.3	26.90	119.3	29.67	120.9	29.84	124.5	30.10	127.6	30.23
	35	97.6	19.81	111.9	24.00	115.3	29.13	117.3	29.28	119.3	29.45	122.5	29.71	126.1	29.84
	37	97.6	21.12	110.2	25.19	113.8	28.74	115.3	28.89	117.3	29.06	120.6	29.33	124.2	29.44
	39	97.6	22.49	108.3	26.52	111.9	28.37	113.8	28.51	115.3	28.68	118.9	28.93	122.5	29.05
	41	95.1	23.86	103.8	27.84	107.2	27.98	108.9	28.12	111.0	28.29	114.4	28.54	117.5	28.65
	43	92.7	25.16	99.4	27.45	102.9	27.59	104.4	27.73	106.6	27.90	109.9	28.15	112.8	28.26
	46	86.8	26.93	90.7	26.88	94.0	27.02	95.5	27.15	97.4	27.31	100.5	27.56	103.3	27.67
	48	76.9	26.18	78.8	26.26	81.7	26.32	83.1	26.39	84.8	26.62	87.6	26.79	90.0	26.90
120	10	88.2	9.18	105.0	11.25	114.7	13.37	118.2	14.45	121.7	14.68	128.4	14.74	131.5	14.86
	12	88.2	9.43	105.0	11.64	114.7	13.91	118.2	14.76	121.7	15.23	128.4	15.41	131.5	15.54
	14	88.2	9.75	105.0	12.03	114.7	14.47	118.2	15.32	121.7	15.78	128.4	16.02	131.5	16.14
	16	88.2	10.10	105.0	12.52	114.7	15.03	118.2	15.89	121.7	16.51	128.4	16.71	131.5	16.85
	18	88.2	10.49	105.0	13.08	114.7	15.63	118.2	16.73	121.7	17.36	128.4	17.55	131.5	17.69
	20	88.2	10.90	105.0	13.87	114.7	16.47	118.2	17.60	121.7	18.28	128.4	18.52	131.5	18.67
	21	88.2	11.22	105.0	14.38	114.7	16.93	118.2	18.12	121.7	18.88	128.4	19.12	131.5	19.27
	23	88.2	12.01	105.0	15.38	114.7	18.15	118.2	19.25	121.7	20.13	128.4	20.33	131.5	20.49
	25	88.2	12.83	105.0	16.48	114.7	19.14	118.2	20.52	121.7	21.59	126.8	21.76	129.9	21.94
	27	88.2	13.69	105.0	17.61	114.7	20.37	118.2	21.93	121.7	23.20	124.8	23.35	127.9	23.54
	29	88.2	14.61	105.0	18.80	114.7	21.43	118.2	23.46	119.8	24.72	122.9	25.09	126.4	25.29
	31	88.2	15.57	105.0	20.08	114.7	22.55	116.7	25.15	118.2	26.52	121.4	26.99	124.4	27.21
	33	88.2	16.56	105.0	21.40	113.1	23.85	114.7	27.29	116.2	28.47	119.4	28.80	122.5	29.03
	35	88.2	17.61	105.0	22.81	111.2	25.24	112.8	30.07	114.7	30.21	117.8	30.30	120.9	30.55
	37	88.2	18.94	105.0	24.08	109.7	26.91	111.2	29.43	112.8	29.58	115.9	29.67	119.0	29.90
	39	88.2	20.40	104.6	25.44	107.7	28.54	109.2	28.83	110.8	28.97	114.4	29.05	117.5	29.28
	41	86.0	21.85	100.0	26.82	103.5	27.98	104.9	28.23	106.4	28.37	109.5	28.45	112.6	28.68
	43	83.9	23.32	95.8	26.43	99.1	27.35	100.5	27.61	102.1	27.75	105.1	27.84	108.1	28.06
	46	78.6	25.07	87.4	25.80	90.6	26.49	91.9	26.71	93.3	26.84	96.1	26.93	99.0	27.13
	48	69.6	24.56	75.9	25.35	78.7	25.97	79.9	26.14	81.1	26.22	83.6	26.32	86.2	26.43
110	10	79.1	8.25	94.3	10.06	105.3	11.95	108.3	12.94	115.2	13.93	117.8	14.31	125.9	14.55
	12	79.1	8.51	94.3	10.40	105.3	12.44	108.3	13.31	115.2	14.44	117.8	14.91	125.9	15.26
	14	79.1	8.78	94.3	10.87	105.3	13.01	108.3	13.96	115.2	15.17	117.8	15.60	125.9	15.94
	16	79.1	9.09	94.3	11.27	105.3	13.55	108.3	14.58	115.2	15.88	117.8	16.31	125.9	16.59
	18	79.1	9.43	94.3	11.73	105.3	14.33	108.3	15.34	115.2	16.74	117.8	17.07	125.9	17.39
	20	79.1	9.77	94.3	12.32	105.3	15.20	108.3	16.05	115.2	17.55	117.8	17.99	125.9	18.28
	21	79.1	9.98	94.3	12.69	105.3	15.59	108.3	16.48	115.2	18.05	117.8	18.50	125.9	18.79
	23	79.1	10.63	94.3	13.60	105.3	16.45	108.3	17.40	115.2	19.07	117.8	19.47	125.9	19.79
	25	79.1	11.36	94.3	14.52	105.3	17.38	108.3	18.39	115.2	20.14	117.8	20.43	124.3	20.85
	27	79.1	12.14	94.3	15.52	105.3	18.37	108.3	19.47	115.2	21.03	117.8	21.51	122.5	21.88
	29	79.1	12.96	94.3	16.56	105.3	19.42	108.3	20.61	115.2	22.23	117.8	22.61	120.9	22.95
	31	79.1	13.79	94.3	17.66	105.3	20.52	108.3	21.84	113.3	23.36	116.4	23.82	119.0	24.07
	33	79.1	14.70	94.3	18.80	105.3	21.68	108.3	23.15	111.7	24.67	114.4	25.07	117.5	25.21
	35	79.1	15.60	94.3	20.08	105.3	22.89	108.3	24.53	109.9	26.03	112.5	26.28	115.6	26.40
	37	79.1	16.54	94.3	21.31	105.3	24.17	106.9	25.98	108.0	27.46	111.0	27.55	113.6	27.63
	39	79.1	17.83	94.3	22.64	103.5	25.50	104.9	27.79	106.4	28.82	109.1	28.86	112.2	28.89
	41	77.0	19.13	91.8	23.99	99.0	26.90	100.5	30.07	101.8	30.07	104.9	30.30	107.4	30.55
	43	75.2	20.09	89.6	24.98	94.9	28.52	96.5	28.83	97.7	28.77	100.5	28.94	103.1	29.02
	46	70.5	19.61	84.0	24.12	86.5	27.07	88.1	27.07	89.2	27.30	92.0	27.44	94.3	27.52
	48	62.3	19.04	73.0	23.23	75.2	25.75	76.6	25.92	77.5	26.05	80.0	26.12	82.0	26.22

7. Capacity Tables

Cooling Capacity (28RT)

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	66.5	7.43	79.2	9.04	92.1	10.72	98.5	11.58	104.9	12.44	116.2	13.85	118.7	13.96
	12	66.5	7.67	79.2	9.41	92.1	11.08	98.5	11.90	104.9	12.84	116.2	14.60	118.7	14.75
	14	66.5	7.91	79.2	9.78	92.1	11.55	98.5	12.41	104.9	13.40	116.2	15.41	118.7	15.56
	16	66.5	8.15	79.2	10.11	92.1	12.04	98.5	13.00	104.9	14.12	116.2	16.16	118.7	16.39
	18	66.5	8.39	79.2	10.48	92.1	12.51	98.5	13.63	104.9	14.97	116.2	17.07	118.7	17.21
	20	66.5	8.70	79.2	10.88	92.1	13.23	98.5	14.61	104.9	16.02	116.2	17.89	118.7	18.03
	21	66.5	8.87	79.2	11.13	92.1	13.69	98.5	15.10	104.9	16.61	116.2	18.30	118.7	18.45
	23	66.5	9.40	79.2	11.91	92.1	14.70	98.5	16.20	104.9	17.80	116.2	19.16	118.7	19.31
	25	66.5	10.00	79.2	12.69	92.1	15.69	98.5	17.35	104.9	19.03	116.2	19.98	117.8	20.14
	27	66.5	10.68	79.2	13.56	92.1	16.79	98.5	18.53	104.9	20.23	113.9	20.92	116.4	21.09
	29	66.5	11.36	79.2	14.47	92.1	17.94	98.5	19.81	104.9	21.42	111.9	21.76	114.7	21.93
	31	66.5	12.14	79.2	15.43	92.1	19.13	98.5	21.13	104.9	22.50	110.2	22.61	112.8	22.78
	33	66.5	12.87	79.2	16.43	92.1	20.40	98.5	22.55	104.9	23.35	108.4	23.45	111.1	23.63
	35	66.5	13.69	79.2	17.47	92.1	21.73	98.5	24.05	103.2	24.19	106.4	24.28	109.1	24.48
	37	66.5	14.66	79.2	18.74	92.1	23.01	98.5	25.20	101.5	25.32	104.4	25.42	106.9	25.66
	39	66.5	15.72	79.2	20.14	92.1	24.39	98.5	26.43	99.9	26.54	102.8	26.65	105.2	26.90
	41	65.5	16.78	77.9	21.53	90.7	25.75	94.5	27.66	96.6	27.77	98.8	27.87	102.1	28.12
	43	63.2	17.75	75.2	22.83	87.6	26.99	90.6	28.71	91.7	28.82	94.5	28.91	97.0	29.19
	46	59.3	19.10	70.5	24.61	82.1	28.63	82.8	30.07	83.6	30.15	86.3	30.24	88.7	30.52
	48	52.4	16.50	62.4	21.29	70.8	24.47	71.9	25.51	72.7	25.60	75.0	25.65	77.0	25.86
90	10	59.8	6.44	71.4	7.74	83.1	9.13	88.7	9.84	94.3	10.59	105.8	11.84	117.5	13.18
	12	59.8	6.52	71.4	7.86	83.1	9.28	88.7	10.04	94.3	10.82	105.8	12.09	117.5	13.41
	14	59.8	6.63	71.4	8.02	83.1	9.48	88.7	10.24	94.3	11.02	105.8	12.32	117.5	13.68
	16	59.8	6.75	71.4	8.17	83.1	9.68	88.7	10.43	94.3	11.22	105.8	12.55	117.5	13.92
	18	59.8	6.88	71.4	8.34	83.1	9.84	88.7	10.67	94.3	11.46	105.8	12.83	117.5	14.62
	20	59.8	6.99	71.4	8.50	83.1	10.04	88.7	10.87	94.3	11.89	105.8	13.72	117.5	15.31
	21	59.8	7.08	71.4	8.57	83.1	10.24	88.7	11.22	94.3	12.32	105.8	13.95	117.5	15.67
	23	59.8	7.23	71.4	8.93	83.1	10.95	88.7	12.04	94.3	13.20	105.8	14.79	115.9	16.41
	25	59.8	7.59	71.4	9.52	83.1	11.69	88.7	12.88	94.3	14.11	105.8	15.82	114.2	17.10
	27	59.8	8.10	71.4	10.15	83.1	12.49	88.7	13.75	94.3	15.09	105.8	16.82	112.5	17.90
	29	59.8	8.57	71.4	10.82	83.1	13.35	88.7	14.69	94.3	16.11	105.8	17.81	110.8	18.63
	31	59.8	9.13	71.4	11.53	83.1	14.22	88.7	15.65	94.3	17.18	105.8	18.70	109.2	19.35
	33	59.8	9.72	71.4	12.29	83.1	15.17	88.7	16.67	94.3	18.23	105.8	19.61	107.5	20.07
	35	59.8	10.31	71.4	13.03	83.1	16.11	88.7	17.78	94.3	19.32	104.1	20.74	105.8	21.20
	37	59.8	10.95	71.4	13.86	83.1	17.19	88.7	18.89	94.3	20.40	102.4	21.68	104.1	22.16
	39	59.8	11.58	71.4	14.74	83.1	18.19	88.7	20.09	94.3	21.45	100.7	22.85	102.5	23.13
	41	58.2	12.97	69.6	16.35	80.9	19.97	86.4	21.97	91.8	23.16	96.5	24.08	98.2	24.64
	43	56.8	14.00	67.9	17.67	78.9	21.80	84.2	23.67	89.6	24.84	92.6	25.78	94.2	26.10
	46	53.2	15.75	63.6	20.12	73.9	24.84	78.9	26.83	81.4	27.59	84.5	28.31	86.1	28.34
	48	47.1	13.77	56.3	17.60	65.4	21.74	69.9	23.41	70.7	23.78	73.4	24.36	74.8	24.39
80	10	53.1	5.43	63.3	6.53	73.5	7.66	78.8	8.26	84.0	8.87	94.3	10.11	104.4	10.98
	12	53.1	5.54	63.3	6.60	73.5	7.81	78.8	8.41	84.0	9.02	94.3	10.30	104.4	11.19
	14	53.1	5.62	63.3	6.76	73.5	7.93	78.8	8.57	84.0	9.17	94.3	10.49	104.4	11.41
	16	53.1	5.70	63.3	6.87	73.5	8.07	78.8	8.71	84.0	9.35	94.3	10.71	104.4	11.63
	18	53.1	5.81	63.3	6.98	73.5	8.23	78.8	8.87	84.0	9.54	94.3	10.91	104.4	11.88
	20	53.1	5.92	63.3	7.13	73.5	8.41	78.8	9.05	84.0	9.74	94.3	11.32	104.4	12.59
	21	53.1	5.96	63.3	7.21	73.5	8.49	78.8	9.17	84.0	9.96	94.3	11.68	104.4	12.93
	23	53.1	6.07	63.3	7.32	73.5	8.87	78.8	9.74	84.0	10.64	94.3	12.33	104.4	13.57
	25	53.1	6.30	63.3	7.81	73.5	9.51	78.8	10.41	84.0	11.40	94.3	13.19	104.4	14.50
	27	53.1	6.68	63.3	8.30	73.5	10.15	78.8	11.13	84.0	12.15	94.3	14.02	104.4	15.26
	29	53.1	7.09	63.3	8.87	73.5	10.79	78.8	11.85	84.0	12.97	94.3	15.02	104.4	16.33
	31	53.1	7.54	63.3	9.40	73.5	11.51	78.8	12.64	84.0	13.81	94.3	15.94	104.4	17.15
	33	53.1	7.99	63.3	10.04	73.5	12.27	78.8	13.47	84.0	14.72	94.3	16.80	104.4	17.98
	35	53.1	8.49	63.3	10.64	73.5	13.05	78.8	14.33	84.0	15.69	94.3	17.81	103.3	18.64
	37	53.1	8.98	63.3	11.32	73.5	13.85	78.8	15.24	84.0	16.67	94.3	18.79	101.7	19.48
	39	53.1	9.49	63.3	11.96	73.5	14.81	78.8	16.39	84.0	17.92	94.3	19.86	100.0	20.56
	41	51.8	10.50	61.7	13.25	71.6	16.25	76.7	17.97	81.9	19.69	91.8	22.10	95.8	22.78
	43	50.4	11.55	60.2	14.46	69.9	17.75	74.9	19.58	79.9	21.52	89.6	23.65	91.8	24.38
	46	47.3	12.86	56.4	16.29	65.5	20.00	70.2	21.79	74.9	24.29	82.0	25.82	83.9	26.23
	48	41.9	11.23	49.9	14.24	57.9	17.48	62.1	19.03	66.3	21.26	71.1	22.34	72.8	22.57

7. Capacity Tables

Cooling Capacity (28RT)

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	46.4	4.80	55.6	5.71	64.4	6.62	68.9	7.15	73.5	7.65	82.3	8.71	91.5	9.74
	12	46.4	4.88	55.6	5.79	64.4	6.78	68.9	7.27	73.5	7.79	82.3	8.85	91.5	9.91
	14	46.4	4.96	55.6	5.86	64.4	6.89	68.9	7.38	73.5	7.90	82.3	9.04	91.5	10.10
	16	46.4	5.03	55.6	5.98	64.4	7.00	68.9	7.53	73.5	8.06	82.3	9.20	91.5	10.32
	18	46.4	5.11	55.6	6.09	64.4	7.15	68.9	7.68	73.5	8.22	82.3	9.34	91.5	10.50
	20	46.4	5.18	55.6	6.21	64.4	7.27	68.9	7.84	73.5	8.40	82.3	9.58	91.5	10.89
	21	46.4	5.26	55.6	6.24	64.4	7.34	68.9	7.90	73.5	8.47	82.3	9.72	91.5	11.13
	23	46.4	5.34	55.6	6.40	64.4	7.49	68.9	8.17	73.5	8.90	82.3	10.40	91.5	11.75
	25	46.4	5.41	55.6	6.62	64.4	7.98	68.9	8.74	73.5	9.50	82.3	11.13	91.5	12.33
	27	46.4	5.71	55.6	7.08	64.4	8.52	68.9	9.27	73.5	10.14	82.3	11.88	91.5	13.09
	29	46.4	6.09	55.6	7.49	64.4	9.04	68.9	9.88	73.5	10.78	82.3	12.68	91.5	14.02
	31	46.4	6.47	55.6	7.98	64.4	9.64	68.9	10.56	73.5	11.50	82.3	13.51	91.5	14.89
	33	46.4	6.85	55.6	8.44	64.4	10.26	68.9	11.20	73.5	12.22	82.3	14.38	91.5	15.85
	35	46.4	7.22	55.6	9.01	64.4	10.89	68.9	11.92	73.5	13.02	82.3	15.33	91.5	16.80
	37	46.4	7.68	55.6	9.54	64.4	11.58	68.9	12.68	73.5	13.85	82.3	16.31	91.5	17.73
	39	46.4	8.16	55.6	10.18	64.4	12.38	68.9	13.64	73.5	14.95	82.3	17.45	91.5	19.11
	41	45.3	9.02	54.2	11.14	62.7	13.58	67.2	14.95	71.6	16.26	80.2	19.17	89.1	20.62
	43	44.2	9.82	52.8	12.14	61.2	14.82	65.5	16.31	69.9	17.76	78.3	20.94	87.0	22.30
	46	41.4	10.91	49.5	13.66	57.3	16.69	61.4	18.16	65.5	20.02	73.3	23.62	81.4	24.85
	48	36.6	9.52	43.7	11.93	50.7	14.59	54.3	15.88	57.9	17.51	64.9	20.67	72.1	21.51
60	10	39.7	4.18	47.5	4.90	55.2	5.70	59.1	6.11	63.0	6.48	70.7	7.36	78.4	8.24
	12	39.7	4.25	47.5	4.97	55.2	5.76	59.1	6.18	63.0	6.61	70.7	7.47	78.4	8.39
	14	39.7	4.29	47.5	5.04	55.2	5.89	59.1	6.30	63.0	6.72	70.7	7.63	78.4	8.53
	16	39.7	4.37	47.5	5.16	55.2	5.95	59.1	6.42	63.0	6.87	70.7	7.78	78.4	8.69
	18	39.7	4.44	47.5	5.23	55.2	6.07	59.1	6.53	63.0	6.98	70.7	7.89	78.4	8.88
	20	39.7	4.51	47.5	5.31	55.2	6.18	59.1	6.64	63.0	7.09	70.7	8.05	78.4	9.07
	21	39.7	4.56	47.5	5.35	55.2	6.26	59.1	6.72	63.0	7.17	70.7	8.16	78.4	9.14
	23	39.7	4.63	47.5	5.46	55.2	6.34	59.1	6.83	63.0	7.33	70.7	8.46	78.4	9.71
	25	39.7	4.71	47.5	5.58	55.2	6.61	59.1	7.17	63.0	7.78	70.7	9.03	78.4	10.40
	27	39.7	4.85	47.5	5.89	55.2	7.02	59.1	7.63	63.0	8.27	70.7	9.60	78.4	11.08
	29	39.7	5.16	47.5	6.26	55.2	7.47	59.1	8.12	63.0	8.80	70.7	10.24	78.4	11.84
	31	39.7	5.46	47.5	6.64	55.2	7.94	59.1	8.66	63.0	9.38	70.7	10.93	78.4	12.60
	33	39.7	5.76	47.5	7.02	55.2	8.42	59.1	9.18	63.0	9.98	70.7	11.62	78.4	13.43
	35	39.7	6.11	47.5	7.47	55.2	8.96	59.1	9.75	63.0	10.59	70.7	12.37	78.4	14.27
	37	39.7	6.45	47.5	7.89	55.2	9.49	59.1	10.36	63.0	11.23	70.7	13.13	78.4	15.17
	39	39.7	6.86	47.5	8.40	55.2	10.24	59.1	11.11	63.0	12.08	70.7	14.08	78.4	16.26
	41	38.7	7.44	46.2	9.19	53.8	11.12	57.6	12.14	61.3	13.12	68.9	15.45	76.4	17.67
	43	37.8	8.08	45.1	10.00	52.5	12.12	56.2	13.23	59.9	14.31	67.2	16.87	74.5	19.30
	46	35.5	9.06	42.3	11.24	49.2	13.63	52.6	14.87	56.0	16.10	63.0	19.00	69.9	21.99
	48	31.3	7.89	37.4	9.81	43.5	11.91	46.5	12.99	49.6	14.07	55.7	16.61	61.8	19.25
50	10	33.3	3.61	39.7	4.18	46.1	4.76	49.3	5.10	52.4	5.40	58.8	6.09	65.4	6.77
	12	33.3	3.65	39.7	4.23	46.1	4.83	49.3	5.17	52.4	5.51	58.8	6.21	65.4	6.89
	14	33.3	3.69	39.7	4.30	46.1	4.91	49.3	5.25	52.4	5.59	58.8	6.27	65.4	7.00
	16	33.3	3.76	39.7	4.38	46.1	4.99	49.3	5.36	52.4	5.67	58.8	6.39	65.4	7.12
	18	33.3	3.81	39.7	4.41	46.1	5.06	49.3	5.44	52.4	5.78	58.8	6.51	65.4	7.26
	20	33.3	3.84	39.7	4.49	46.1	5.17	49.3	5.51	52.4	5.90	58.8	6.63	65.4	7.42
	21	33.3	3.89	39.7	4.52	46.1	5.22	49.3	5.59	52.4	5.93	58.8	6.69	65.4	7.50
	23	33.3	3.96	39.7	4.60	46.1	5.29	49.3	5.67	52.4	6.05	58.8	6.81	65.4	7.65
	25	33.3	4.00	39.7	4.68	46.1	5.40	49.3	5.78	52.4	6.24	58.8	7.15	65.4	8.18
	27	33.3	4.07	39.7	4.83	46.1	5.71	49.3	6.16	52.4	6.63	58.8	7.65	65.4	8.72
	29	33.3	4.30	39.7	5.14	46.1	6.05	49.3	6.55	52.4	7.04	58.8	8.10	65.4	9.25
	31	33.3	4.52	39.7	5.44	46.1	6.43	49.3	6.92	52.4	7.50	58.8	8.64	65.4	9.85
	33	33.3	4.80	39.7	5.75	46.1	6.81	49.3	7.34	52.4	7.96	58.8	9.17	65.4	10.50
	35	33.3	5.06	39.7	6.09	46.1	7.19	49.3	7.80	52.4	8.41	58.8	9.71	65.4	11.15
	37	33.3	5.36	39.7	6.43	46.1	7.61	49.3	8.26	52.4	8.90	58.8	10.35	65.4	11.83
	39	33.3	5.72	39.7	6.89	46.1	8.15	49.3	8.88	52.4	9.56	58.8	11.02	65.4	12.78
	41	32.4	6.19	38.7	7.46	44.9	8.91	47.9	9.63	51.1	10.35	57.3	12.09	63.8	13.89
	43	31.6	6.73	37.8	8.12	43.8	9.71	46.8	10.48	49.8	11.27	55.9	13.18	62.2	15.14
	46	29.6	7.53	35.5	9.11	41.1	10.89	43.9	11.77	46.7	12.66	52.3	14.83	58.2	17.05
	48	26.2	6.56	31.3	7.94	36.3	9.50	38.8	10.27	41.3	11.04	46.2	12.96	51.5	14.91

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

◆ ARUV360BTE5 / ARUV360DTE5

Cooling Capacity (30RT)

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	104.5	11.75	124.4	14.36	133.4	16.67	137.2	17.00	141.1	17.14	147.8	17.28	151.6	17.35
	12	104.5	12.05	124.4	14.88	133.4	17.35	137.2	17.46	141.1	17.61	147.8	17.74	151.6	17.90
	14	104.5	12.45	124.4	15.42	133.4	18.00	137.2	18.13	141.1	18.28	147.8	18.43	151.6	18.59
	16	104.5	12.90	124.4	15.96	133.4	18.81	137.2	18.98	141.1	19.14	147.8	19.31	151.6	19.46
	18	104.5	13.45	124.4	16.87	133.4	19.67	137.2	20.10	141.1	20.26	147.8	20.46	151.6	20.60
	20	104.5	14.04	124.4	17.98	133.4	20.64	137.2	22.11	141.1	22.28	145.7	22.50	149.5	22.66
	21	104.5	14.40	124.4	18.62	133.4	21.07	137.2	23.39	141.1	23.58	144.8	23.81	148.7	23.98
	23	104.5	15.46	124.4	19.58	133.4	22.17	137.2	25.82	139.3	26.02	142.7	26.28	146.5	26.46
	25	104.5	16.51	124.4	20.71	133.4	23.70	135.5	28.63	137.2	28.86	141.1	29.14	144.8	29.34
	27	104.5	17.67	124.4	22.14	131.7	25.24	133.4	31.52	135.5	31.77	139.3	32.08	142.7	32.30
	29	104.5	18.82	124.4	23.67	129.5	27.16	131.5	34.64	133.4	34.84	137.2	35.16	141.1	35.30
	31	104.5	20.09	124.1	24.93	127.4	28.89	129.5	34.49	131.5	34.70	135.1	35.01	138.8	35.14
	33	104.5	21.40	121.9	26.41	125.7	30.99	127.7	34.18	129.5	34.38	133.4	34.69	136.7	34.83
	35	104.5	22.82	119.8	27.66	123.5	33.57	125.7	33.73	127.7	33.93	131.2	34.23	135.1	34.38
	37	104.5	24.33	118.1	29.02	121.9	33.12	123.5	33.28	125.7	33.48	129.2	33.79	133.0	33.92
	39	104.5	25.91	116.0	30.55	119.8	32.68	121.9	32.85	123.5	33.04	127.4	33.34	131.2	33.47
	41	101.8	27.49	111.2	32.08	114.9	32.23	116.6	32.40	118.9	32.59	122.5	32.88	125.8	33.01
	43	99.3	28.99	106.5	31.63	110.2	31.79	111.9	31.95	114.2	32.14	117.7	32.43	120.8	32.56
	46	93.0	31.03	97.2	30.97	100.7	31.13	102.3	31.28	104.4	31.46	107.7	31.75	110.6	31.88
	48	82.4	30.16	84.4	30.26	87.5	30.32	89.0	30.41	90.8	30.67	93.8	30.86	96.4	30.99
120	10	94.5	10.58	112.4	12.96	122.9	15.41	126.6	16.65	130.4	16.91	137.5	16.99	140.8	17.12
	12	94.5	10.87	112.4	13.41	122.9	16.03	126.6	17.00	130.4	17.54	137.5	17.75	140.8	17.90
	14	94.5	11.23	112.4	13.86	122.9	16.67	126.6	17.65	130.4	18.18	137.5	18.46	140.8	18.60
	16	94.5	11.63	112.4	14.43	122.9	17.32	126.6	18.31	130.4	19.02	137.5	19.25	140.8	19.41
	18	94.5	12.09	112.4	15.08	122.9	18.01	126.6	19.27	130.4	20.00	137.5	20.23	140.8	20.39
	20	94.5	12.56	112.4	15.99	122.9	18.98	126.6	20.28	130.4	21.06	137.5	21.33	140.8	21.51
	21	94.5	12.93	112.4	16.57	122.9	19.51	126.6	20.88	130.4	21.75	137.5	22.03	140.8	22.21
	23	94.5	13.83	112.4	17.72	122.9	20.91	126.6	22.18	130.4	23.19	137.5	23.42	140.8	23.61
	25	94.5	14.78	112.4	18.98	122.9	22.05	126.6	23.65	130.4	24.87	135.8	25.08	139.1	25.28
	27	94.5	15.77	112.4	20.29	122.9	23.47	126.6	25.27	130.4	26.73	133.7	26.90	137.0	27.12
	29	94.5	16.83	112.4	21.66	122.9	24.69	126.6	27.04	128.3	28.49	131.6	28.91	135.4	29.14
	31	94.5	17.93	112.4	23.14	122.9	25.98	125.0	28.97	126.6	30.55	130.0	31.10	133.3	31.35
	33	94.5	19.09	112.4	24.66	121.2	27.48	122.9	31.45	124.5	32.80	127.9	33.18	131.2	33.44
	35	94.5	20.29	112.4	26.29	119.1	29.08	120.8	34.64	122.9	34.81	126.2	34.91	129.5	35.19
	37	94.5	21.83	112.4	27.74	117.4	31.00	119.1	33.91	120.8	34.08	124.1	34.18	127.4	34.45
	39	94.5	23.50	112.1	29.32	115.4	32.89	117.0	33.21	118.7	33.38	122.5	33.48	125.8	33.74
	41	92.1	25.17	107.1	30.90	110.8	32.24	112.3	32.52	113.9	32.68	117.2	32.78	120.6	33.04
	43	89.9	26.87	102.6	30.45	106.2	31.52	107.7	31.82	109.4	31.98	112.6	32.07	115.8	32.33
	46	84.2	28.89	93.6	29.73	97.0	30.52	98.4	30.77	99.9	30.93	102.9	31.02	106.0	31.26
	48	74.5	28.30	81.3	29.20	84.3	29.93	85.6	30.11	86.9	30.21	89.6	30.32	92.3	30.45
110	10	84.7	9.51	101.0	11.59	112.8	13.77	116.0	14.91	123.4	16.05	126.2	16.48	134.8	16.76
	12	84.7	9.81	101.0	11.98	112.8	14.34	116.0	15.33	123.4	16.64	126.2	17.18	134.8	17.58
	14	84.7	10.12	101.0	12.53	112.8	14.99	116.0	16.09	123.4	17.48	126.2	17.98	134.8	18.36
	16	84.7	10.48	101.0	12.98	112.8	15.61	116.0	16.79	123.4	18.29	126.2	18.79	134.8	19.12
	18	84.7	10.87	101.0	13.52	112.8	16.51	116.0	17.68	123.4	19.29	126.2	19.67	134.8	20.04
	20	84.7	11.26	101.0	14.20	112.8	17.51	116.0	18.49	123.4	20.23	126.2	20.73	134.8	21.06
	21	84.7	11.50	101.0	14.62	112.8	17.96	116.0	18.99	123.4	20.80	126.2	21.32	134.8	21.65
	23	84.7	12.25	101.0	15.67	112.8	18.96	116.0	20.05	123.4	21.97	126.2	22.44	134.8	22.80
	25	84.7	13.09	101.0	16.73	112.8	20.03	116.0	21.19	123.4	23.21	126.2	23.54	133.1	24.02
	27	84.7	13.99	101.0	17.88	112.8	21.17	116.0	22.43	123.4	24.23	126.2	24.79	131.2	25.21
	29	84.7	14.94	101.0	19.09	112.8	22.37	116.0	23.75	123.4	25.62	126.2	26.05	129.5	26.45
	31	84.7	15.88	101.0	20.35	112.8	23.64	116.0	25.17	121.4	26.92	124.6	27.44	127.4	27.73
	33	84.7	16.93	101.0	21.66	112.8	24.97	116.0	26.67	119.7	28.42	122.6	28.89	125.8	29.05
	35	84.7	17.98	101.0	23.14	112.8	26.38	116.0	28.26	117.7	29.99	120.5	30.28	123.8	30.42
	37	84.7	19.06	101.0	24.55	112.8	27.84	114.4	29.93	115.7	31.64	118.9	31.75	121.7	31.84
	39	84.7	20.55	101.0	26.09	110.8	29.38	112.4	32.02	114.0	33.21	116.9	33.26	120.2	33.29
	41	82.5	22.04	98.4	27.64	106.0	30.99	107.6	34.64	109.1	34.64	112.3	34.91	115.1	35.19
	43	80.5	23.14	95.9	28.79	101.6	32.86	103.3	33.22	104.6	33.15	107.7	33.34	110.4	33.44
	46	75.5	22.59	89.9	27.79	92.7	31.19	94.3	31.18	95.6	31.45	98.5	31.62	101.0	31.71
	48	66.8	21.94	78.2	26.77	80.6	29.67	82.0	29.86	83.0	30.01	85.7	30.09	87.9	30.22

7. Capacity Tables

Cooling Capacity (30RT)

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	71.3	8.56	84.8	10.41	98.7	12.35	105.5	13.35	112.3	14.34	124.5	15.96	127.2	16.09
	12	71.3	8.83	84.8	10.84	98.7	12.77	105.5	13.71	112.3	14.79	124.5	16.82	127.2	16.99
	14	71.3	9.12	84.8	11.27	98.7	13.31	105.5	14.30	112.3	15.43	124.5	17.76	127.2	17.93
	16	71.3	9.39	84.8	11.65	98.7	13.87	105.5	14.98	112.3	16.27	124.5	18.62	127.2	18.88
	18	71.3	9.67	84.8	12.08	98.7	14.42	105.5	15.70	112.3	17.25	124.5	19.67	127.2	19.83
	20	71.3	10.02	84.8	12.53	98.7	15.25	105.5	16.83	112.3	18.46	124.5	20.61	127.2	20.78
	21	71.3	10.22	84.8	12.83	98.7	15.77	105.5	17.40	112.3	19.14	124.5	21.09	127.2	21.26
	23	71.3	10.84	84.8	13.72	98.7	16.93	105.5	18.66	112.3	20.51	124.5	22.08	127.2	22.25
	25	71.3	11.52	84.8	14.62	98.7	18.08	105.5	19.98	112.3	21.92	124.5	23.02	126.2	23.21
	27	71.3	12.31	84.8	15.62	98.7	19.35	105.5	21.35	112.3	23.31	122.0	24.10	124.7	24.29
	29	71.3	13.09	84.8	16.67	98.7	20.67	105.5	22.82	112.3	24.68	119.8	25.07	122.8	25.27
	31	71.3	13.99	84.8	17.77	98.7	22.04	105.5	24.35	112.3	25.92	118.0	26.05	120.8	26.25
	33	71.3	14.82	84.8	18.93	98.7	23.51	105.5	25.98	112.3	26.90	116.1	27.02	119.0	27.23
	35	71.3	15.77	84.8	20.13	98.7	25.03	105.5	27.71	110.6	27.88	114.0	27.98	116.9	28.21
	37	71.3	16.90	84.8	21.60	98.7	26.51	105.5	29.03	108.8	29.17	111.9	29.28	114.5	29.56
	39	71.3	18.11	84.8	23.21	98.7	28.10	105.5	30.45	107.0	30.58	110.1	30.70	112.7	30.99
	41	70.1	19.33	83.4	24.81	97.1	29.67	101.3	31.87	103.4	32.00	105.9	32.11	109.3	32.40
	43	67.7	20.46	80.6	26.30	93.8	31.10	97.1	33.08	98.2	33.21	101.2	33.31	103.9	33.63
	46	63.5	22.01	75.5	28.35	87.9	32.98	88.7	34.64	89.6	34.74	92.4	34.84	95.0	35.17
	48	56.1	19.00	66.8	24.53	75.9	28.20	77.0	29.39	77.9	29.49	80.4	29.56	82.5	29.79
90	10	64.1	7.42	76.5	8.92	89.0	10.52	95.0	11.34	101.0	12.20	113.4	13.65	125.9	15.19
	12	64.1	7.51	76.5	9.06	89.0	10.70	95.0	11.57	101.0	12.47	113.4	13.93	125.9	15.45
	14	64.1	7.65	76.5	9.24	89.0	10.92	95.0	11.80	101.0	12.70	113.4	14.20	125.9	15.77
	16	64.1	7.78	76.5	9.42	89.0	11.15	95.0	12.02	101.0	12.93	113.4	14.47	125.9	16.04
	18	64.1	7.93	76.5	9.61	89.0	11.34	95.0	12.29	101.0	13.21	113.4	14.78	125.9	16.85
	20	64.1	8.06	76.5	9.79	89.0	11.57	95.0	12.52	101.0	13.70	113.4	15.82	125.9	17.65
	21	64.1	8.15	76.5	9.88	89.0	11.80	95.0	12.93	101.0	14.20	113.4	16.07	125.9	18.06
	23	64.1	8.33	76.5	10.29	89.0	12.61	95.0	13.88	101.0	15.21	113.4	17.05	124.1	18.91
	25	64.1	8.75	76.5	10.98	89.0	13.48	95.0	14.85	101.0	16.26	113.4	18.23	122.3	19.71
	27	64.1	9.34	76.5	11.70	89.0	14.39	95.0	15.84	101.0	17.39	113.4	19.38	120.5	20.63
	29	64.1	9.88	76.5	12.47	89.0	15.38	95.0	16.93	101.0	18.57	113.4	20.53	118.7	21.47
	31	64.1	10.52	76.5	13.29	89.0	16.39	95.0	18.03	101.0	19.80	113.4	21.55	116.9	22.30
	33	64.1	11.20	76.5	14.16	89.0	17.48	95.0	19.21	101.0	21.01	113.4	22.60	115.1	23.13
	35	64.1	11.88	76.5	15.02	89.0	18.57	95.0	20.49	101.0	22.27	111.5	23.90	113.3	24.44
	37	64.1	12.61	76.5	15.98	89.0	19.81	95.0	21.77	101.0	23.51	109.7	24.98	111.5	25.54
	39	64.1	13.35	76.5	16.99	89.0	20.96	95.0	23.16	101.0	24.72	107.9	26.33	109.7	26.65
	41	62.4	14.94	74.6	18.85	86.6	23.01	92.6	25.32	98.4	26.69	103.4	27.75	105.2	28.39
	43	60.9	16.13	72.7	20.36	84.5	25.13	90.2	27.28	95.9	28.62	99.1	29.71	100.9	30.08
	46	57.0	18.16	68.1	23.19	79.2	28.63	84.5	30.92	87.2	31.80	90.5	32.62	92.2	32.67
	48	50.4	15.87	60.3	20.29	70.1	25.05	74.8	26.98	75.8	27.40	78.6	28.08	80.1	28.11
80	10	56.9	6.25	67.8	7.52	78.8	8.81	84.4	9.51	90.0	10.21	101.0	11.64	111.9	12.64
	12	56.9	6.38	67.8	7.60	78.8	8.99	84.4	9.68	90.0	10.38	101.0	11.85	111.9	12.88
	14	56.9	6.47	67.8	7.78	78.8	9.12	84.4	9.86	90.0	10.56	101.0	12.07	111.9	13.14
	16	56.9	6.56	67.8	7.91	78.8	9.29	84.4	10.03	90.0	10.77	101.0	12.33	111.9	13.39
	18	56.9	6.69	67.8	8.04	78.8	9.47	84.4	10.21	90.0	10.99	101.0	12.55	111.9	13.68
	20	56.9	6.82	67.8	8.21	78.8	9.68	84.4	10.42	90.0	11.21	101.0	13.03	111.9	14.49
	21	56.9	6.86	67.8	8.30	78.8	9.77	84.4	10.56	90.0	11.47	101.0	13.44	111.9	14.88
	23	56.9	6.99	67.8	8.42	78.8	10.21	84.4	11.21	90.0	12.24	101.0	14.19	111.9	15.62
	25	56.9	7.25	67.8	8.99	78.8	10.95	84.4	11.98	90.0	13.12	101.0	15.19	111.9	16.69
	27	56.9	7.69	67.8	9.55	78.8	11.69	84.4	12.81	90.0	13.99	101.0	16.14	111.9	17.56
	29	56.9	8.17	67.8	10.21	78.8	12.42	84.4	13.64	90.0	14.94	101.0	17.29	111.9	18.80
	31	56.9	8.68	67.8	10.82	78.8	13.25	84.4	14.55	90.0	15.89	101.0	18.35	111.9	19.74
	33	56.9	9.20	67.8	11.56	78.8	14.12	84.4	15.50	90.0	16.94	101.0	19.34	111.9	20.70
	35	56.9	9.77	67.8	12.24	78.8	15.03	84.4	16.50	90.0	18.07	101.0	20.50	110.7	21.45
	37	56.9	10.34	67.8	13.03	78.8	15.94	84.4	17.55	90.0	19.19	101.0	21.63	108.9	22.42
	39	56.9	10.92	67.8	13.77	78.8	17.05	84.4	18.86	90.0	20.63	101.0	22.86	107.1	23.66
	41	55.4	12.08	66.0	15.25	76.7	18.71	82.2	20.68	87.8	22.67	98.4	25.43	102.6	26.22
	43	54.0	13.30	64.4	16.65	74.9	20.43	80.2	22.54	85.6	24.77	95.9	27.22	98.4	28.06
	46	50.7	14.80	60.4	18.75	70.1	23.02	75.2	25.08	80.2	27.95	87.8	29.72	89.9	30.19
	48	44.9	12.93	53.4	16.40	62.0	20.12	66.5	21.91	71.0	24.47	76.2	25.72	78.0	25.98

7. Capacity Tables

Cooling Capacity (30RT)

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	49.7	5.52	59.6	6.57	68.9	7.61	73.8	8.23	78.8	8.79	88.2	10.01	98.0	11.20
	12	49.7	5.61	59.6	6.66	68.9	7.79	73.8	8.35	78.8	8.96	88.2	10.18	98.0	11.40
	14	49.7	5.70	59.6	6.74	68.9	7.92	73.8	8.48	78.8	9.09	88.2	10.40	98.0	11.61
	16	49.7	5.79	59.6	6.88	68.9	8.05	73.8	8.66	78.8	9.27	88.2	10.57	98.0	11.86
	18	49.7	5.88	59.6	7.01	68.9	8.23	73.8	8.83	78.8	9.44	88.2	10.74	98.0	12.07
	20	49.7	5.96	59.6	7.14	68.9	8.35	73.8	9.01	78.8	9.66	88.2	11.01	98.0	12.53
	21	49.7	6.05	59.6	7.18	68.9	8.44	73.8	9.09	78.8	9.74	88.2	11.18	98.0	12.80
	23	49.7	6.13	59.6	7.35	68.9	8.61	73.8	9.39	78.8	10.23	88.2	11.96	98.0	13.51
	25	49.7	6.22	59.6	7.61	68.9	9.18	73.8	10.05	78.8	10.92	88.2	12.79	98.0	14.17
	27	49.7	6.57	59.6	8.14	68.9	9.79	73.8	10.65	78.8	11.65	88.2	13.66	98.0	15.05
	29	49.7	7.01	59.6	8.61	68.9	10.40	73.8	11.36	78.8	12.40	88.2	14.58	98.0	16.13
	31	49.7	7.44	59.6	9.18	68.9	11.09	73.8	12.14	78.8	13.22	88.2	15.53	98.0	17.12
	33	49.7	7.88	59.6	9.70	68.9	11.79	73.8	12.87	78.8	14.05	88.2	16.53	98.0	18.22
	35	49.7	8.30	59.6	10.36	68.9	12.53	73.8	13.71	78.8	14.96	88.2	17.62	98.0	19.32
	37	49.7	8.83	59.6	10.96	68.9	13.31	73.8	14.58	78.8	15.93	88.2	18.75	98.0	20.38
	39	49.7	9.38	59.6	11.70	68.9	14.24	73.8	15.68	78.8	17.20	88.2	20.07	98.0	21.98
	41	48.5	10.37	58.1	12.81	67.2	15.62	72.0	17.19	76.7	18.70	85.9	22.04	95.4	23.71
	43	47.3	11.29	56.6	13.96	65.6	17.03	70.2	18.75	74.9	20.42	83.8	24.08	93.1	25.64
	46	44.3	12.55	53.0	15.70	61.4	19.19	65.7	20.89	70.1	23.01	78.5	27.16	87.2	28.58
	48	39.2	10.95	46.9	13.71	54.3	16.77	58.2	18.25	62.0	20.13	69.5	23.76	77.2	24.73
60	10	42.6	4.80	50.9	5.63	59.1	6.54	63.3	7.01	67.4	7.45	75.8	8.45	84.0	9.46
	12	42.6	4.88	50.9	5.70	59.1	6.62	63.3	7.10	67.4	7.59	75.8	8.58	84.0	9.63
	14	42.6	4.93	50.9	5.79	59.1	6.76	63.3	7.23	67.4	7.71	75.8	8.76	84.0	9.80
	16	42.6	5.01	50.9	5.93	59.1	6.84	63.3	7.37	67.4	7.89	75.8	8.94	84.0	9.98
	18	42.6	5.10	50.9	6.01	59.1	6.97	63.3	7.50	67.4	8.02	75.8	9.06	84.0	10.20
	20	42.6	5.18	50.9	6.10	59.1	7.10	63.3	7.62	67.4	8.15	75.8	9.24	84.0	10.41
	21	42.6	5.23	50.9	6.15	59.1	7.19	63.3	7.71	67.4	8.24	75.8	9.37	84.0	10.50
	23	42.6	5.32	50.9	6.28	59.1	7.28	63.3	7.84	67.4	8.41	75.8	9.71	84.0	11.15
	25	42.6	5.41	50.9	6.40	59.1	7.59	63.3	8.24	67.4	8.94	75.8	10.37	84.0	11.94
	27	42.6	5.58	50.9	6.76	59.1	8.06	63.3	8.76	67.4	9.50	75.8	11.02	84.0	12.73
	29	42.6	5.93	50.9	7.19	59.1	8.58	63.3	9.33	67.4	10.11	75.8	11.76	84.0	13.59
	31	42.6	6.28	50.9	7.62	59.1	9.11	63.3	9.94	67.4	10.77	75.8	12.55	84.0	14.47
	33	42.6	6.62	50.9	8.06	59.1	9.67	63.3	10.54	67.4	11.46	75.8	13.34	84.0	15.43
	35	42.6	7.01	50.9	8.58	59.1	10.28	63.3	11.20	67.4	12.16	75.8	14.21	84.0	16.38
	37	42.6	7.41	50.9	9.06	59.1	10.90	63.3	11.90	67.4	12.90	75.8	15.08	84.0	17.43
	39	42.6	7.87	50.9	9.65	59.1	11.76	63.3	12.76	67.4	13.88	75.8	16.17	84.0	18.68
	41	41.4	8.54	49.5	10.56	57.6	12.77	61.7	13.94	65.7	15.07	73.8	17.75	81.9	20.30
	43	40.5	9.28	48.3	11.49	56.3	13.92	60.2	15.19	64.1	16.43	72.0	19.37	79.8	22.17
	46	38.0	10.40	45.3	12.91	52.7	15.65	56.4	17.08	60.0	18.49	67.4	21.82	74.9	25.26
	48	33.6	9.06	40.1	11.26	46.6	13.68	49.8	14.91	53.1	16.16	59.7	19.08	66.2	22.10
50	10	35.6	4.14	42.6	4.80	49.4	5.45	52.8	5.85	56.1	6.20	62.9	6.98	70.1	7.77
	12	35.6	4.19	42.6	4.85	49.4	5.54	52.8	5.93	56.1	6.33	62.9	7.12	70.1	7.90
	14	35.6	4.23	42.6	4.94	49.4	5.63	52.8	6.02	56.1	6.41	62.9	7.20	70.1	8.03
	16	35.6	4.32	42.6	5.02	49.4	5.72	52.8	6.15	56.1	6.50	62.9	7.34	70.1	8.17
	18	35.6	4.37	42.6	5.06	49.4	5.81	52.8	6.24	56.1	6.63	62.9	7.46	70.1	8.33
	20	35.6	4.41	42.6	5.15	49.4	5.93	52.8	6.33	56.1	6.77	62.9	7.60	70.1	8.51
	21	35.6	4.46	42.6	5.19	49.4	5.98	52.8	6.41	56.1	6.81	62.9	7.68	70.1	8.60
	23	35.6	4.54	42.6	5.28	49.4	6.07	52.8	6.50	56.1	6.94	62.9	7.82	70.1	8.77
	25	35.6	4.58	42.6	5.37	49.4	6.20	52.8	6.63	56.1	7.16	62.9	8.21	70.1	9.38
	27	35.6	4.67	42.6	5.54	49.4	6.55	52.8	7.07	56.1	7.60	62.9	8.77	70.1	10.00
	29	35.6	4.94	42.6	5.90	49.4	6.94	52.8	7.51	56.1	8.08	62.9	9.29	70.1	10.61
	31	35.6	5.19	42.6	6.24	49.4	7.37	52.8	7.94	56.1	8.60	62.9	9.91	70.1	11.30
	33	35.6	5.50	42.6	6.59	49.4	7.82	52.8	8.42	56.1	9.13	62.9	10.52	70.1	12.05
	35	35.6	5.81	42.6	6.98	49.4	8.25	52.8	8.95	56.1	9.65	62.9	11.13	70.1	12.79
	37	35.6	6.15	42.6	7.37	49.4	8.73	52.8	9.47	56.1	10.21	62.9	11.87	70.1	13.57
	39	35.6	6.56	42.6	7.91	49.4	9.35	52.8	10.19	56.1	10.96	62.9	12.64	70.1	14.66
	41	34.7	7.10	41.4	8.56	48.0	10.22	51.4	11.05	54.8	11.87	61.4	13.86	68.3	15.93
	43	33.8	7.72	40.5	9.31	47.0	11.13	50.1	12.02	53.4	12.93	59.8	15.12	66.6	17.37
	46	31.7	8.64	38.0	10.45	44.0	12.49	47.0	13.51	50.0	14.52	56.0	17.01	62.4	19.56
	48	28.1	7.53	33.6	9.11	38.9	10.89	41.6	11.78	44.3	12.67	49.5	14.86	55.2	17.10

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

◆ ARUV384BTE5 / ARUV384DTE5

Cooling Capacity (32RT)

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	111.4	12.52	132.7	15.30	142.2	17.76	146.3	18.11	150.4	18.26	157.6	18.40	161.7	18.48
	12	111.4	12.84	132.7	15.85	142.2	18.48	146.3	18.60	150.4	18.76	157.6	18.90	161.7	19.07
	14	111.4	13.27	132.7	16.42	142.2	19.17	146.3	19.31	150.4	19.48	157.6	19.63	161.7	19.80
	16	111.4	13.75	132.7	17.00	142.2	20.04	146.3	20.22	150.4	20.39	157.6	20.57	161.7	20.73
	18	111.4	14.33	132.7	17.98	142.2	20.96	146.3	21.41	150.4	21.58	157.6	21.80	161.7	21.94
	20	111.4	14.96	132.7	19.16	142.2	21.99	146.3	23.55	150.4	23.74	155.4	23.97	159.4	24.14
	21	111.4	15.35	132.7	19.83	142.2	22.45	146.3	24.92	150.4	25.12	154.4	25.37	158.6	25.55
	23	111.4	16.47	132.7	20.86	142.2	23.62	146.3	27.50	148.5	27.72	152.2	28.00	156.2	28.18
	25	111.4	17.59	132.7	22.06	142.2	25.24	144.5	30.50	146.3	30.75	150.4	31.04	154.4	31.26
	27	111.4	18.82	132.7	23.58	140.5	26.89	142.2	33.58	144.5	33.84	148.5	34.18	152.2	34.41
	29	111.4	20.05	132.7	25.21	138.1	28.94	140.2	36.90	142.2	37.12	146.3	37.45	150.4	37.61
	31	111.4	21.40	132.3	26.55	135.9	30.78	138.1	36.75	140.2	36.96	144.0	37.30	148.1	37.44
	33	111.4	22.80	130.0	28.14	134.1	33.01	136.2	36.41	138.1	36.63	142.2	36.96	145.8	37.10
	35	111.4	24.31	127.7	29.47	131.7	35.76	134.1	35.93	136.2	36.15	139.9	36.47	144.0	36.62
	37	111.4	25.92	125.9	30.92	130.0	35.28	131.7	35.46	134.1	35.67	137.8	35.99	141.8	36.13
	39	111.4	27.60	123.7	32.55	127.7	34.81	130.0	34.99	131.7	35.19	135.9	35.51	139.9	35.65
	41	108.5	29.29	118.6	34.18	122.6	34.33	124.4	34.51	126.8	34.72	130.6	35.03	134.1	35.16
	43	105.9	30.89	113.6	33.70	117.5	33.87	119.4	34.04	121.8	34.24	125.5	34.55	128.8	34.69
	46	99.2	33.06	103.7	32.99	107.4	33.16	109.1	33.32	111.4	33.52	114.9	33.82	118.0	33.96
	48	87.8	32.14	90.0	32.24	93.3	32.30	94.9	32.39	96.8	32.67	100.0	32.87	102.7	33.01
120	10	100.8	11.27	119.9	13.81	131.0	16.42	135.0	17.74	139.0	18.02	146.6	18.09	150.1	18.24
	12	100.8	11.57	119.9	14.28	131.0	17.08	135.0	18.11	139.0	18.68	146.6	18.91	150.1	19.06
	14	100.8	11.96	119.9	14.76	131.0	17.76	135.0	18.80	139.0	19.37	146.6	19.66	150.1	19.82
	16	100.8	12.39	119.9	15.37	131.0	18.45	135.0	19.51	139.0	20.27	146.6	20.51	150.1	20.68
	18	100.8	12.88	119.9	16.06	131.0	19.19	135.0	20.53	139.0	21.31	146.6	21.55	150.1	21.72
	20	100.8	13.38	119.9	17.03	131.0	20.22	135.0	21.60	139.0	22.43	146.6	22.73	150.1	22.91
	21	100.8	13.78	119.9	17.65	131.0	20.79	135.0	22.25	139.0	23.17	146.6	23.46	150.1	23.66
	23	100.8	14.73	119.9	18.88	131.0	22.28	135.0	23.63	139.0	24.71	146.6	24.95	150.1	25.15
	25	100.8	15.74	119.9	20.22	131.0	23.49	135.0	25.20	139.0	26.49	144.8	26.72	148.3	26.93
	27	100.8	16.80	119.9	21.62	131.0	25.00	135.0	26.92	139.0	28.47	142.6	28.66	146.1	28.89
	29	100.8	17.93	119.9	23.08	131.0	26.31	135.0	28.81	136.8	30.35	140.3	30.80	144.3	31.04
	31	100.8	19.10	119.9	24.65	131.0	27.67	133.3	30.86	135.0	32.55	138.6	33.13	142.1	33.39
	33	100.8	20.34	119.9	26.27	129.3	29.27	131.0	33.50	132.8	34.95	136.3	35.35	139.9	35.63
	35	100.8	21.62	119.9	28.01	127.0	30.98	128.8	36.90	131.0	37.08	134.6	37.19	138.1	37.49
	37	100.8	23.26	119.9	29.55	125.2	33.03	127.0	36.13	128.8	36.30	132.3	36.41	135.9	36.70
	39	100.8	25.03	119.5	31.24	123.0	35.04	124.8	35.38	126.6	35.56	130.6	35.67	134.1	35.95
	41	98.3	26.82	114.3	32.92	118.1	34.35	119.7	34.64	121.5	34.81	125.0	34.92	128.6	35.19
	43	95.8	28.63	109.5	32.44	113.3	33.58	114.9	33.90	116.6	34.07	120.0	34.17	123.5	34.44
	46	89.8	30.78	99.8	31.67	103.4	32.52	105.0	32.78	106.6	32.95	109.8	33.04	113.0	33.30
	48	79.4	30.15	86.7	31.11	89.9	31.89	91.2	32.07	92.7	32.18	95.5	32.30	98.4	32.44
110	10	90.3	10.13	107.7	12.35	120.3	14.67	123.7	15.88	131.6	17.09	134.6	17.56	143.7	17.85
	12	90.3	10.45	107.7	12.76	120.3	15.28	123.7	16.33	131.6	17.73	134.6	18.30	143.7	18.73
	14	90.3	10.78	107.7	13.34	120.3	15.97	123.7	17.14	131.6	18.62	134.6	19.16	143.7	19.56
	16	90.3	11.16	107.7	13.82	120.3	16.63	123.7	17.88	131.6	19.48	134.6	20.02	143.7	20.37
	18	90.3	11.58	107.7	14.41	120.3	17.59	123.7	18.83	131.6	20.55	134.6	20.96	143.7	21.35
	20	90.3	11.99	107.7	15.13	120.3	18.65	123.7	19.70	131.6	21.55	134.6	22.08	143.7	22.43
	21	90.3	12.25	107.7	15.57	120.3	19.13	123.7	20.23	131.6	22.15	134.6	22.71	143.7	23.06
	23	90.3	13.05	107.7	16.70	120.3	20.20	123.7	21.36	131.6	23.40	134.6	23.91	143.7	24.29
	25	90.3	13.95	107.7	17.82	120.3	21.34	123.7	22.57	131.6	24.72	134.6	25.08	142.0	25.59
	27	90.3	14.90	107.7	19.05	120.3	22.55	123.7	23.89	131.6	25.82	134.6	26.41	139.9	26.86
	29	90.3	15.91	107.7	20.34	120.3	23.83	123.7	25.31	131.6	27.29	134.6	27.75	138.1	28.18
	31	90.3	16.91	107.7	21.68	120.3	25.18	123.7	26.81	129.4	28.67	132.8	29.23	135.9	29.54
	33	90.3	18.04	107.7	23.08	120.3	26.60	123.7	28.41	127.7	30.28	130.7	30.78	134.1	30.95
	35	90.3	19.16	107.7	24.65	120.3	28.10	123.7	30.10	125.5	31.95	128.5	32.25	132.0	32.41
	37	90.3	20.31	107.7	26.15	120.3	29.66	122.0	31.89	123.4	33.70	126.8	33.82	129.8	33.92
	39	90.3	21.89	107.7	27.80	118.1	31.30	119.8	34.12	121.6	35.38	124.6	35.44	128.2	35.47
	41	88.0	23.48	105.0	29.44	113.0	33.01	114.8	36.90	116.3	36.90	119.7	37.19	122.7	37.49
	43	85.8	24.65	102.3	30.67	108.3	35.01	110.1	35.39	111.5	35.32	114.9	35.52	117.8	35.62
	46	80.5	24.06	95.9	29.61	98.9	33.22	100.5	33.21	101.9	33.50	105.0	33.69	107.7	33.78
	48	71.2	23.37	83.4	28.52	85.9	31.61	87.4	31.81	88.5	31.97	91.4	32.06	93.8	32.19

7. Capacity Tables

Cooling Capacity (32RT)

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	76.0	9.12	90.4	11.09	105.3	13.16	112.5	14.22	119.7	15.28	132.8	17.00	135.7	17.14
	12	76.0	9.41	90.4	11.55	105.3	13.60	112.5	14.60	119.7	15.76	132.8	17.91	135.7	18.10
	14	76.0	9.72	90.4	12.01	105.3	14.18	112.5	15.23	119.7	16.44	132.8	18.93	135.7	19.10
	16	76.0	10.01	90.4	12.41	105.3	14.78	112.5	15.96	119.7	17.33	132.8	19.83	135.7	20.11
	18	76.0	10.30	90.4	12.87	105.3	15.36	112.5	16.73	119.7	18.37	132.8	20.96	135.7	21.12
	20	76.0	10.67	90.4	13.35	105.3	16.25	112.5	17.93	119.7	19.66	132.8	21.96	135.7	22.14
	21	76.0	10.89	90.4	13.67	105.3	16.80	112.5	18.54	119.7	20.39	132.8	22.46	135.7	22.65
	23	76.0	11.54	90.4	14.62	105.3	18.04	112.5	19.88	119.7	21.85	132.8	23.52	135.7	23.71
	25	76.0	12.27	90.4	15.57	105.3	19.27	112.5	21.28	119.7	23.36	132.8	24.52	134.6	24.72
	27	76.0	13.11	90.4	16.64	105.3	20.62	112.5	22.74	119.7	24.83	130.1	25.68	133.0	25.88
	29	76.0	13.95	90.4	17.76	105.3	22.02	112.5	24.31	119.7	26.29	127.7	26.71	130.9	26.92
	31	76.0	14.90	90.4	18.93	105.3	23.48	112.5	25.94	119.7	27.62	125.8	27.75	128.8	27.97
	33	76.0	15.79	90.4	20.17	105.3	25.04	112.5	27.67	119.7	28.66	123.8	28.78	126.9	29.01
	35	76.0	16.80	90.4	21.45	105.3	26.66	112.5	29.52	117.9	29.70	121.6	29.81	124.7	30.06
	37	76.0	18.00	90.4	23.01	105.3	28.24	112.5	30.92	116.0	31.07	119.4	31.20	122.1	31.49
	39	76.0	19.30	90.4	24.72	105.3	29.93	112.5	32.44	114.1	32.58	117.4	32.70	120.2	33.01
	41	74.7	20.59	89.0	26.43	103.6	31.61	108.0	33.95	110.3	34.09	113.0	34.21	116.5	34.52
	43	72.2	21.80	85.9	28.01	100.0	33.13	103.5	35.24	104.7	35.38	107.9	35.49	110.7	35.82
	46	67.7	23.45	80.5	30.20	93.8	35.13	94.5	36.90	95.5	37.01	98.6	37.12	101.3	37.47
	48	59.8	20.24	71.2	26.13	81.0	30.04	82.1	31.31	83.0	31.41	85.7	31.49	88.0	31.73
90	10	68.3	7.84	81.6	9.42	94.9	11.11	101.3	11.97	107.7	12.88	121.0	14.42	134.2	16.04
	12	68.3	7.93	81.6	9.57	94.9	11.30	101.3	12.21	107.7	13.17	121.0	14.71	134.2	16.32
	14	68.3	8.08	81.6	9.76	94.9	11.53	101.3	12.46	107.7	13.42	121.0	15.00	134.2	16.65
	16	68.3	8.22	81.6	9.95	94.9	11.78	101.3	12.69	107.7	13.66	121.0	15.28	134.2	16.94
	18	68.3	8.37	81.6	10.15	94.9	11.97	101.3	12.98	107.7	13.95	121.0	15.61	134.2	17.79
	20	68.3	8.51	81.6	10.33	94.9	12.21	101.3	13.22	107.7	14.47	121.0	16.71	134.2	18.64
	21	68.3	8.60	81.6	10.44	94.9	12.46	101.3	13.66	107.7	15.00	121.0	16.97	134.2	19.07
	23	68.3	8.80	81.6	10.86	94.9	13.31	101.3	14.66	107.7	16.06	121.0	18.01	132.3	19.97
	25	68.3	9.24	81.6	11.59	94.9	14.23	101.3	15.68	107.7	17.17	121.0	19.25	130.4	20.82
	27	68.3	9.86	81.6	12.35	94.9	15.19	101.3	16.73	107.7	18.37	121.0	20.47	128.5	21.79
	29	68.3	10.44	81.6	13.17	94.9	16.25	101.3	17.88	107.7	19.62	121.0	21.68	126.6	22.67
	31	68.3	11.11	81.6	14.04	94.9	17.31	101.3	19.04	107.7	20.91	121.0	22.76	124.7	23.55
	33	68.3	11.82	81.6	14.95	94.9	18.46	101.3	20.29	107.7	22.18	121.0	23.87	122.8	24.43
	35	68.3	12.55	81.6	15.86	94.9	19.62	101.3	21.64	107.7	23.52	118.9	25.24	120.8	25.81
	37	68.3	13.31	81.6	16.88	94.9	20.92	101.3	22.99	107.7	24.83	117.0	26.38	118.9	26.97
	39	68.3	14.10	81.6	17.95	94.9	22.14	101.3	24.46	107.7	26.11	115.0	27.81	117.0	28.14
	41	66.6	15.77	79.5	19.90	92.4	24.30	98.7	26.74	105.0	28.19	110.2	29.31	112.2	29.98
	43	64.9	17.03	77.5	21.50	90.1	26.54	96.2	28.81	102.3	30.22	105.6	31.38	107.6	31.77
	46	60.8	19.17	72.6	24.49	84.5	30.24	90.1	32.65	93.0	33.58	96.5	34.45	98.3	34.50
	48	53.8	16.76	64.3	21.42	74.7	26.45	79.7	28.49	80.8	28.93	83.9	29.66	85.4	29.69
80	10	60.7	6.55	72.3	7.88	84.0	9.24	90.0	9.97	96.0	10.70	107.7	12.20	119.4	13.24
	12	60.7	6.69	72.3	7.97	84.0	9.42	90.0	10.15	96.0	10.88	107.7	12.42	119.4	13.50
	14	60.7	6.78	72.3	8.15	84.0	9.56	90.0	10.33	96.0	11.06	107.7	12.65	119.4	13.77
	16	60.7	6.87	72.3	8.29	84.0	9.74	90.0	10.51	96.0	11.29	107.7	12.92	119.4	14.03
	18	60.7	7.01	72.3	8.42	84.0	9.92	90.0	10.70	96.0	11.52	107.7	13.15	119.4	14.34
	20	60.7	7.15	72.3	8.61	84.0	10.15	90.0	10.92	96.0	11.75	107.7	13.65	119.4	15.19
	21	60.7	7.19	72.3	8.70	84.0	10.24	90.0	11.06	96.0	12.02	107.7	14.08	119.4	15.59
	23	60.7	7.33	72.3	8.82	84.0	10.70	90.0	11.75	96.0	12.83	107.7	14.87	119.4	16.36
	25	60.7	7.60	72.3	9.42	84.0	11.47	90.0	12.56	96.0	13.74	107.7	15.92	119.4	17.49
	27	60.7	8.06	72.3	10.01	84.0	12.25	90.0	13.42	96.0	14.66	107.7	16.91	119.4	18.41
	29	60.7	8.56	72.3	10.70	84.0	13.01	90.0	14.29	96.0	15.66	107.7	18.12	119.4	19.70
	31	60.7	9.10	72.3	11.34	84.0	13.88	90.0	15.25	96.0	16.66	107.7	19.23	119.4	20.69
	33	60.7	9.65	72.3	12.11	84.0	14.79	90.0	16.24	96.0	17.75	107.7	20.26	119.4	21.70
	35	60.7	10.24	72.3	12.83	84.0	15.75	90.0	17.29	96.0	18.94	107.7	21.48	118.1	22.48
	37	60.7	10.83	72.3	13.65	84.0	16.70	90.0	18.39	96.0	20.11	107.7	22.67	116.2	23.50
	39	60.7	11.44	72.3	14.43	84.0	17.87	90.0	19.76	96.0	21.62	107.7	23.95	114.3	24.79
	41	59.1	12.66	70.4	15.98	81.8	19.61	87.7	21.67	93.6	23.75	105.0	26.65	109.5	27.47
	43	57.6	13.94	68.7	17.45	79.8	21.41	85.5	23.62	91.2	25.96	102.3	28.52	105.0	29.41
	46	54.1	15.51	64.4	19.65	74.8	24.12	80.2	26.28	85.5	29.29	93.6	31.14	95.8	31.63
	48	47.8	13.55	57.0	17.19	66.1	21.09	70.9	22.96	75.7	25.64	81.3	26.95	83.2	27.23

7. Capacity Tables

Cooling Capacity (32RT)

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	53.0	5.75	63.5	6.83	73.5	7.92	78.7	8.55	84.0	9.14	94.1	10.41	104.5	11.64
	12	53.0	5.84	63.5	6.92	73.5	8.10	78.7	8.68	84.0	9.32	94.1	10.59	104.5	11.86
	14	53.0	5.93	63.5	7.01	73.5	8.24	78.7	8.82	84.0	9.46	94.1	10.82	104.5	12.07
	16	53.0	6.02	63.5	7.15	73.5	8.37	78.7	9.00	84.0	9.64	94.1	10.99	104.5	12.33
	18	53.0	6.11	63.5	7.29	73.5	8.55	78.7	9.18	84.0	9.81	94.1	11.17	104.5	12.55
	20	53.0	6.20	63.5	7.42	73.5	8.68	78.7	9.37	84.0	10.04	94.1	11.45	104.5	13.03
	21	53.0	6.29	63.5	7.47	73.5	8.77	78.7	9.46	84.0	10.13	94.1	11.63	104.5	13.31
	23	53.0	6.37	63.5	7.64	73.5	8.96	78.7	9.77	84.0	10.63	94.1	12.44	104.5	14.04
	25	53.0	6.47	63.5	7.92	73.5	9.55	78.7	10.45	84.0	11.35	94.1	13.30	104.5	14.73
	27	53.0	6.83	63.5	8.46	73.5	10.18	78.7	11.08	84.0	12.12	94.1	14.21	104.5	15.65
	29	53.0	7.29	63.5	8.96	73.5	10.82	78.7	11.81	84.0	12.90	94.1	15.16	104.5	16.78
	31	53.0	7.73	63.5	9.55	73.5	11.54	78.7	12.62	84.0	13.75	94.1	16.15	104.5	17.80
	33	53.0	8.19	63.5	10.09	73.5	12.26	78.7	13.39	84.0	14.61	94.1	17.19	104.5	18.95
	35	53.0	8.64	63.5	10.77	73.5	13.03	78.7	14.25	84.0	15.56	94.1	18.32	104.5	20.09
	37	53.0	9.18	63.5	11.40	73.5	13.84	78.7	15.16	84.0	16.56	94.1	19.50	104.5	21.20
	39	53.0	9.75	63.5	12.16	73.5	14.81	78.7	16.30	84.0	17.89	94.1	20.87	104.5	22.86
	41	51.7	10.79	61.9	13.32	71.7	16.24	76.8	17.88	81.8	19.45	91.6	22.92	101.8	24.66
	43	50.4	11.74	60.3	14.52	69.9	17.71	74.9	19.50	79.8	21.24	89.3	25.04	99.2	26.66
	46	47.2	13.05	56.5	16.32	65.5	19.95	70.1	21.73	74.8	23.93	83.7	28.24	93.0	29.72
	48	41.8	11.38	50.1	14.26	57.9	17.44	62.1	18.98	66.1	20.94	74.1	24.71	82.3	25.72
60	10	45.4	4.95	54.2	5.81	63.1	6.74	67.5	7.24	71.9	7.69	80.8	8.72	89.6	9.76
	12	45.4	5.04	54.2	5.89	63.1	6.83	67.5	7.33	71.9	7.83	80.8	8.86	89.6	9.93
	14	45.4	5.09	54.2	5.98	63.1	6.97	67.5	7.46	71.9	7.96	80.8	9.04	89.6	10.12
	16	45.4	5.17	54.2	6.11	63.1	7.06	67.5	7.60	71.9	8.14	80.8	9.22	89.6	10.30
	18	45.4	5.26	54.2	6.21	63.1	7.19	67.5	7.74	71.9	8.27	80.8	9.35	89.6	10.53
	20	45.4	5.35	54.2	6.30	63.1	7.33	67.5	7.86	71.9	8.41	80.8	9.53	89.6	10.74
	21	45.4	5.39	54.2	6.34	63.1	7.42	67.5	7.96	71.9	8.50	80.8	9.67	89.6	10.84
	23	45.4	5.49	54.2	6.48	63.1	7.51	67.5	8.09	71.9	8.68	80.8	10.02	89.6	11.51
	25	45.4	5.58	54.2	6.61	63.1	7.83	67.5	8.50	71.9	9.22	80.8	10.70	89.6	12.32
	27	45.4	5.76	54.2	6.97	63.1	8.32	67.5	9.04	71.9	9.81	80.8	11.37	89.6	13.13
	29	45.4	6.11	54.2	7.42	63.1	8.86	67.5	9.62	71.9	10.43	80.8	12.14	89.6	14.02
	31	45.4	6.48	54.2	7.86	63.1	9.40	67.5	10.25	71.9	11.11	80.8	12.95	89.6	14.93
	33	45.4	6.83	54.2	8.32	63.1	9.98	67.5	10.88	71.9	11.83	80.8	13.76	89.6	15.92
	35	45.4	7.24	54.2	8.86	63.1	10.61	67.5	11.56	71.9	12.55	80.8	14.66	89.6	16.90
	37	45.4	7.65	54.2	9.35	63.1	11.25	67.5	12.28	71.9	13.31	80.8	15.56	89.6	17.99
	39	45.4	8.12	54.2	9.96	63.1	12.14	67.5	13.17	71.9	14.33	80.8	16.69	89.6	19.28
	41	44.2	8.81	52.8	10.89	61.5	13.18	65.8	14.39	70.1	15.55	78.7	18.31	87.3	20.95
	43	43.2	9.58	51.5	11.86	60.0	14.36	64.2	15.68	68.3	16.95	76.8	19.98	85.1	22.88
	46	40.5	10.73	48.3	13.32	56.2	16.15	60.1	17.62	64.0	19.08	71.9	22.51	79.8	26.07
	48	35.8	9.35	42.7	11.62	49.7	14.11	53.1	15.39	56.7	16.67	63.7	19.69	70.6	22.80
50	10	37.9	4.24	45.4	4.92	52.6	5.58	56.3	5.99	59.9	6.35	67.1	7.15	74.7	7.96
	12	37.9	4.29	45.4	4.96	52.6	5.67	56.3	6.07	59.9	6.48	67.1	7.29	74.7	8.09
	14	37.9	4.33	45.4	5.05	52.6	5.76	56.3	6.16	59.9	6.57	67.1	7.38	74.7	8.22
	16	37.9	4.43	45.4	5.14	52.6	5.86	56.3	6.30	59.9	6.66	67.1	7.51	74.7	8.36
	18	37.9	4.47	45.4	5.18	52.6	5.95	56.3	6.39	59.9	6.79	67.1	7.64	74.7	8.53
	20	37.9	4.52	45.4	5.27	52.6	6.07	56.3	6.48	59.9	6.93	67.1	7.78	74.7	8.71
	21	37.9	4.56	45.4	5.32	52.6	6.12	56.3	6.57	59.9	6.98	67.1	7.87	74.7	8.81
	23	37.9	4.64	45.4	5.41	52.6	6.21	56.3	6.66	59.9	7.10	67.1	8.01	74.7	8.98
	25	37.9	4.69	45.4	5.50	52.6	6.35	56.3	6.79	59.9	7.33	67.1	8.41	74.7	9.61
	27	37.9	4.78	45.4	5.67	52.6	6.70	56.3	7.24	59.9	7.78	67.1	8.98	74.7	10.24
	29	37.9	5.05	45.4	6.04	52.6	7.10	56.3	7.69	59.9	8.27	67.1	9.52	74.7	10.86
	31	37.9	5.32	45.4	6.39	52.6	7.55	56.3	8.13	59.9	8.81	67.1	10.14	74.7	11.57
	33	37.9	5.63	45.4	6.75	52.6	8.01	56.3	8.62	59.9	9.34	67.1	10.77	74.7	12.34
	35	37.9	5.95	45.4	7.15	52.6	8.45	56.3	9.16	59.9	9.88	67.1	11.39	74.7	13.10
	37	37.9	6.30	45.4	7.55	52.6	8.94	56.3	9.70	59.9	10.45	67.1	12.16	74.7	13.90
	39	37.9	6.72	45.4	8.10	52.6	9.58	56.3	10.44	59.9	11.22	67.1	12.94	74.7	15.02
	41	37.0	7.27	44.2	8.76	51.2	10.47	54.9	11.31	58.4	12.16	65.4	14.19	72.8	16.31
	43	36.0	7.90	43.2	9.53	50.1	11.39	53.5	12.31	56.9	13.23	63.7	15.48	71.0	17.78
	46	33.8	8.85	40.5	10.70	46.9	12.79	50.1	13.83	53.3	14.86	59.7	17.41	66.6	20.03
	48	29.9	7.71	35.8	9.33	41.5	11.15	44.3	12.07	47.2	12.97	52.8	15.22	58.9	17.51

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

◆ ARUV408BTE5 / ARUV408DTE5

Cooling Capacity (34RT)

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	118.3	13.40	140.9	16.37	151.1	19.00	155.4	19.38	159.8	19.54	167.4	19.69	171.7	19.78
	12	118.3	13.74	140.9	16.96	151.1	19.78	155.4	19.91	159.8	20.07	167.4	20.22	171.7	20.40
	14	118.3	14.20	140.9	17.57	151.1	20.52	155.4	20.67	159.8	20.84	167.4	21.01	171.7	21.19
	16	118.3	14.71	140.9	18.19	151.1	21.44	155.4	21.64	159.8	21.82	167.4	22.01	171.7	22.18
	18	118.3	15.33	140.9	19.24	151.1	22.43	155.4	22.92	159.8	23.10	167.4	23.33	171.7	23.48
	20	118.3	16.01	140.9	20.50	151.1	23.53	155.4	25.20	159.8	25.40	165.0	25.65	169.3	25.83
	21	118.3	16.42	140.9	21.22	151.1	24.02	155.4	26.67	159.8	26.88	164.1	27.15	168.4	27.34
	23	118.3	17.62	140.9	22.33	151.1	25.27	155.4	29.43	157.7	29.66	161.7	29.96	165.9	30.16
	25	118.3	18.82	140.9	23.61	151.1	27.01	153.5	32.64	155.4	32.90	159.8	33.22	164.1	33.45
	27	118.3	20.14	140.9	25.24	149.2	28.78	151.1	35.93	153.5	36.21	157.7	36.58	161.7	36.82
	29	118.3	21.46	140.9	26.98	146.7	30.96	148.9	39.49	151.1	39.72	155.4	40.08	159.8	40.24
	31	118.3	22.90	140.5	28.42	144.3	32.94	146.7	39.32	148.9	39.56	153.0	39.91	157.3	40.07
	33	118.3	24.40	138.0	30.11	142.4	35.32	144.7	38.96	146.7	39.19	151.1	39.55	154.9	39.70
	35	118.3	26.01	135.6	31.54	139.9	38.27	142.4	38.45	144.7	38.68	148.6	39.03	153.0	39.19
	37	118.3	27.74	133.8	33.09	138.0	37.76	139.9	37.94	142.4	38.17	146.3	38.52	150.6	38.67
	39	118.3	29.54	131.4	34.83	135.6	37.25	138.0	37.44	139.9	37.66	144.3	38.00	148.6	38.15
	41	115.3	31.34	125.9	36.57	130.2	36.74	132.1	36.93	134.7	37.15	138.7	37.48	142.5	37.63
	43	112.5	33.05	120.7	36.06	124.8	36.24	126.8	36.43	129.3	36.64	133.3	36.97	136.9	37.12
	46	105.4	35.38	110.1	35.31	114.1	35.49	115.9	35.66	118.3	35.87	122.0	36.20	125.3	36.34
	48	93.3	34.39	95.6	34.50	99.1	34.57	100.8	34.66	102.9	34.96	106.2	35.18	109.1	35.32
120	10	107.1	12.06	127.3	14.78	139.2	17.57	143.4	18.99	147.7	19.28	155.7	19.36	159.5	19.51
	12	107.1	12.39	127.3	15.28	139.2	18.28	143.4	19.38	147.7	19.99	155.7	20.24	159.5	20.40
	14	107.1	12.80	127.3	15.80	139.2	19.01	143.4	20.12	147.7	20.73	155.7	21.04	159.5	21.21
	16	107.1	13.26	127.3	16.45	139.2	19.74	143.4	20.88	147.7	21.69	155.7	21.95	159.5	22.13
	18	107.1	13.79	127.3	17.19	139.2	20.53	143.4	21.97	147.7	22.80	155.7	23.06	159.5	23.25
	20	107.1	14.31	127.3	18.23	139.2	21.64	143.4	23.12	147.7	24.01	155.7	24.32	159.5	24.52
	21	107.1	14.74	127.3	18.89	139.2	22.25	143.4	23.80	147.7	24.80	155.7	25.11	159.5	25.32
	23	107.1	15.76	127.3	20.20	139.2	23.84	143.4	25.29	147.7	26.44	155.7	26.70	159.5	26.92
	25	107.1	16.85	127.3	21.64	139.2	25.14	143.4	26.96	147.7	28.35	153.8	28.59	157.6	28.82
	27	107.1	17.98	127.3	23.14	139.2	26.75	143.4	28.81	147.7	30.47	151.4	30.67	155.2	30.92
	29	107.1	19.18	127.3	24.70	139.2	28.15	143.4	30.83	145.3	32.48	149.1	32.96	153.3	33.22
	31	107.1	20.44	127.3	26.37	139.2	29.61	141.6	33.02	143.4	34.83	147.2	35.45	150.9	35.74
	33	107.1	21.76	127.3	28.12	137.3	31.33	139.2	35.85	141.1	37.40	144.8	37.83	148.6	38.12
	35	107.1	23.14	127.3	29.98	135.0	33.15	136.8	39.49	139.2	39.68	143.0	39.80	146.7	40.12
	37	107.1	24.89	127.3	31.62	133.0	35.34	135.0	38.66	136.8	38.85	140.6	38.96	144.3	39.27
	39	107.1	26.79	126.9	33.43	130.7	37.49	132.6	37.86	134.4	38.05	138.7	38.17	142.4	38.47
	41	104.4	28.70	121.4	35.23	125.5	36.75	127.2	37.07	129.0	37.25	132.8	37.37	136.6	37.66
	43	101.8	30.63	116.3	34.72	120.3	35.93	122.0	36.28	123.9	36.46	127.5	36.56	131.2	36.86
	46	95.4	32.94	106.0	33.89	109.8	34.80	111.5	35.08	113.2	35.26	116.6	35.36	120.0	35.64
	48	84.3	32.26	92.1	33.29	95.5	34.12	96.9	34.32	98.4	34.44	101.5	34.57	104.5	34.71
110	10	95.9	10.84	114.4	13.21	127.8	15.70	131.4	17.00	139.7	18.29	143.0	18.79	152.7	19.11
	12	95.9	11.19	114.4	13.66	127.8	16.35	131.4	17.47	139.7	18.97	143.0	19.58	152.7	20.04
	14	95.9	11.53	114.4	14.28	127.8	17.09	131.4	18.34	139.7	19.93	143.0	20.50	152.7	20.93
	16	95.9	11.94	114.4	14.79	127.8	17.80	131.4	19.14	139.7	20.85	143.0	21.42	152.7	21.80
	18	95.9	12.39	114.4	15.42	127.8	18.82	131.4	20.15	139.7	22.00	143.0	22.43	152.7	22.85
	20	95.9	12.83	114.4	16.19	127.8	19.96	131.4	21.08	139.7	23.06	143.0	23.63	152.7	24.01
	21	95.9	13.11	114.4	16.67	127.8	20.47	131.4	21.65	139.7	23.71	143.0	24.30	152.7	24.68
	23	95.9	13.97	114.4	17.87	127.8	21.62	131.4	22.85	139.7	25.04	143.0	25.58	152.7	26.00
	25	95.9	14.92	114.4	19.07	127.8	22.84	131.4	24.16	139.7	26.46	143.0	26.84	150.8	27.38
	27	95.9	15.94	114.4	20.38	127.8	24.13	131.4	25.57	139.7	27.63	143.0	28.27	148.6	28.74
	29	95.9	17.03	114.4	21.76	127.8	25.50	131.4	27.08	139.7	29.20	143.0	29.70	146.7	30.16
	31	95.9	18.10	114.4	23.20	127.8	26.95	131.4	28.69	137.5	30.68	141.1	31.28	144.3	31.61
	33	95.9	19.30	114.4	24.70	127.8	28.47	131.4	30.40	135.6	32.40	138.9	32.94	142.5	33.12
	35	95.9	20.50	114.4	26.37	127.8	30.07	131.4	32.22	133.3	34.19	136.5	34.52	140.2	34.68
	37	95.9	21.73	114.4	27.99	127.8	31.74	129.6	34.13	131.0	36.07	134.7	36.20	137.9	36.29
	39	95.9	23.43	114.4	29.75	125.4	33.50	127.3	36.51	129.2	37.86	132.4	37.92	136.1	37.96
	41	93.5	25.12	111.5	31.50	120.0	35.32	121.9	39.49	123.6	39.49	127.2	39.80	130.4	40.12
	43	91.1	26.38	108.7	32.82	115.1	37.46	117.0	37.88	118.5	37.79	122.0	38.01	125.1	38.12
	46	85.5	25.75	101.8	31.69	105.0	35.55	106.8	35.54	108.3	35.85	111.5	36.05	114.4	36.15
	48	75.6	25.01	88.6	30.52	91.2	33.83	92.8	34.04	94.0	34.21	97.0	34.31	99.6	34.45

7. Capacity Tables

Cooling Capacity (34RT)

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	9.76	96.0	11.87	111.8	14.08	119.5	15.22	127.2	16.35	141.1	18.20	144.1	18.34
	12	80.7	10.07	96.0	12.36	111.8	14.56	119.5	15.63	127.2	16.87	141.1	19.17	144.1	19.37
	14	80.7	10.40	96.0	12.85	111.8	15.17	119.5	16.30	127.2	17.59	141.1	20.25	144.1	20.44
	16	80.7	10.71	96.0	13.28	111.8	15.81	119.5	17.08	127.2	18.54	141.1	21.23	144.1	21.52
	18	80.7	11.02	96.0	13.77	111.8	16.43	119.5	17.90	127.2	19.66	141.1	22.43	144.1	22.61
	20	80.7	11.42	96.0	14.28	111.8	17.39	119.5	19.18	127.2	21.04	141.1	23.50	144.1	23.69
	21	80.7	11.65	96.0	14.63	111.8	17.98	119.5	19.84	127.2	21.82	141.1	24.04	144.1	24.23
	23	80.7	12.35	96.0	15.65	111.8	19.30	119.5	21.28	127.2	23.38	141.1	25.17	144.1	25.37
	25	80.7	13.13	96.0	16.67	111.8	20.62	119.5	22.77	127.2	24.99	141.1	26.24	142.9	26.46
	27	80.7	14.03	96.0	17.80	111.8	22.06	119.5	24.34	127.2	26.57	138.2	27.48	141.2	27.69
	29	80.7	14.92	96.0	19.00	111.8	23.56	119.5	26.01	127.2	28.13	135.7	28.58	139.0	28.81
	31	80.7	15.94	96.0	20.26	111.8	25.12	119.5	27.76	127.2	29.55	133.6	29.70	136.9	29.93
	33	80.7	16.90	96.0	21.58	111.8	26.80	119.5	29.61	127.2	30.67	131.5	30.80	134.8	31.05
	35	80.7	17.98	96.0	22.95	111.8	28.53	119.5	31.59	125.3	31.78	129.2	31.90	132.4	32.16
	37	80.7	19.26	96.0	24.63	111.8	30.22	119.5	33.09	123.2	33.25	126.8	33.39	129.7	33.70
	39	80.7	20.65	96.0	26.45	111.8	32.03	119.5	34.71	121.2	34.86	124.7	35.00	127.6	35.32
	41	79.4	22.03	94.5	28.28	110.0	33.83	114.7	36.33	117.1	36.48	120.0	36.61	123.8	36.94
	43	76.7	23.33	91.3	29.98	106.2	35.45	110.0	37.71	111.2	37.86	114.6	37.97	117.6	38.33
	46	71.9	25.09	85.5	32.32	99.6	37.60	100.4	39.49	101.5	39.60	104.7	39.72	107.6	40.10
	48	63.6	21.66	75.6	27.97	86.0	32.15	87.2	33.50	88.2	33.61	91.1	33.69	93.5	33.96
90	10	72.6	8.37	86.7	10.06	100.8	11.86	107.6	12.78	114.4	13.76	128.5	15.40	142.6	17.13
	12	72.6	8.47	86.7	10.22	100.8	12.07	107.6	13.04	114.4	14.07	128.5	15.71	142.6	17.43
	14	72.6	8.63	86.7	10.42	100.8	12.32	107.6	13.30	114.4	14.33	128.5	16.01	142.6	17.78
	16	72.6	8.78	86.7	10.63	100.8	12.58	107.6	13.55	114.4	14.58	128.5	16.32	142.6	18.09
	18	72.6	8.94	86.7	10.84	100.8	12.78	107.6	13.86	114.4	14.89	128.5	16.67	142.6	19.00
	20	72.6	9.09	86.7	11.03	100.8	13.04	107.6	14.12	114.4	15.45	128.5	17.84	142.6	19.91
	21	72.6	9.19	86.7	11.14	100.8	13.30	107.6	14.58	114.4	16.02	128.5	18.13	142.6	20.36
	23	72.6	9.39	86.7	11.60	100.8	14.22	107.6	15.66	114.4	17.15	128.5	19.23	140.6	21.32
	25	72.6	9.86	86.7	12.38	100.8	15.20	107.6	16.74	114.4	18.33	128.5	20.56	138.5	22.23
	27	72.6	10.53	86.7	13.19	100.8	16.22	107.6	17.86	114.4	19.61	128.5	21.86	136.5	23.27
	29	72.6	11.14	86.7	14.07	100.8	17.35	107.6	19.10	114.4	20.95	128.5	23.15	134.5	24.21
	31	72.6	11.86	86.7	14.99	100.8	18.48	107.6	20.33	114.4	22.33	128.5	24.31	132.4	25.15
	33	72.6	12.63	86.7	15.97	100.8	19.71	107.6	21.66	114.4	23.69	128.5	25.49	130.4	26.09
	35	72.6	13.40	86.7	16.94	100.8	20.95	107.6	23.10	114.4	25.12	126.3	26.95	128.4	27.57
	37	72.6	14.22	86.7	18.02	100.8	22.34	107.6	24.55	114.4	26.51	124.2	28.17	126.3	28.80
	39	72.6	15.06	86.7	19.16	100.8	23.64	107.6	26.12	114.4	27.88	122.2	29.69	124.3	30.05
	41	70.7	16.84	84.5	21.25	98.1	25.94	104.8	28.56	111.5	30.10	117.1	31.30	119.2	32.01
	43	69.0	18.19	82.3	22.96	95.7	28.34	102.2	30.76	108.7	32.27	112.2	33.51	114.3	33.92
	46	64.6	20.47	77.2	26.15	89.7	32.29	95.7	34.87	98.8	35.86	102.5	36.78	104.4	36.84
	48	57.1	17.89	68.3	22.88	79.4	28.25	84.7	30.42	85.8	30.90	89.1	31.67	90.8	31.71
80	10	64.4	7.00	76.8	8.41	89.2	9.87	95.6	10.65	102.0	11.43	114.4	13.03	126.8	14.15
	12	64.4	7.15	76.8	8.51	89.2	10.06	95.6	10.84	102.0	11.62	114.4	13.27	126.8	14.42
	14	64.4	7.24	76.8	8.71	89.2	10.21	95.6	11.04	102.0	11.82	114.4	13.51	126.8	14.71
	16	64.4	7.34	76.8	8.85	89.2	10.40	95.6	11.23	102.0	12.06	114.4	13.80	126.8	14.99
	18	64.4	7.49	76.8	9.00	89.2	10.60	95.6	11.43	102.0	12.30	114.4	14.05	126.8	15.32
	20	64.4	7.63	76.8	9.19	89.2	10.84	95.6	11.67	102.0	12.55	114.4	14.58	126.8	16.23
	21	64.4	7.68	76.8	9.29	89.2	10.94	95.6	11.82	102.0	12.84	114.4	15.04	126.8	16.65
	23	64.4	7.83	76.8	9.43	89.2	11.43	95.6	12.55	102.0	13.71	114.4	15.89	126.8	17.48
	25	64.4	8.12	76.8	10.06	89.2	12.25	95.6	13.41	102.0	14.68	114.4	17.01	126.8	18.69
	27	64.4	8.61	76.8	10.69	89.2	13.08	95.6	14.34	102.0	15.66	114.4	18.07	126.8	19.66
	29	64.4	9.14	76.8	11.43	89.2	13.90	95.6	15.27	102.0	16.73	114.4	19.35	126.8	21.05
	31	64.4	9.72	76.8	12.11	89.2	14.83	95.6	16.29	102.0	17.79	114.4	20.54	126.8	22.10
	33	64.4	10.30	76.8	12.94	89.2	15.80	95.6	17.35	102.0	18.96	114.4	21.65	126.8	23.17
	35	64.4	10.94	76.8	13.71	89.2	16.83	95.6	18.47	102.0	20.23	114.4	22.95	125.4	24.01
	37	64.4	11.57	76.8	14.58	89.2	17.84	95.6	19.64	102.0	21.49	114.4	24.22	123.4	25.10
	39	64.4	12.23	76.8	15.41	89.2	19.09	95.6	21.11	102.0	23.10	114.4	25.59	121.4	26.48
	41	62.8	13.53	74.8	17.08	86.9	20.95	93.2	23.15	99.4	25.37	111.5	28.47	116.3	29.35
	43	61.2	14.89	73.0	18.64	84.8	22.87	90.8	25.23	96.9	27.73	108.7	30.47	111.5	31.42
	46	57.4	16.57	68.4	20.99	79.4	25.77	85.2	28.08	90.8	31.29	99.4	33.27	101.8	33.79
	48	50.8	14.47	60.5	18.36	70.2	22.53	75.3	24.53	80.4	27.39	86.3	28.79	88.4	29.09

7. Capacity Tables

Cooling Capacity (34RT)

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	56.3	6.14	67.5	7.30	78.1	8.46	83.6	9.14	89.2	9.76	99.9	11.12	111.0	12.44
	12	56.3	6.24	67.5	7.40	78.1	8.65	83.6	9.28	89.2	9.96	99.9	11.31	111.0	12.67
	14	56.3	6.33	67.5	7.49	78.1	8.80	83.6	9.42	89.2	10.11	99.9	11.56	111.0	12.90
	16	56.3	6.43	67.5	7.64	78.1	8.95	83.6	9.62	89.2	10.30	99.9	11.74	111.0	13.18
	18	56.3	6.53	67.5	7.79	78.1	9.14	83.6	9.81	89.2	10.49	99.9	11.94	111.0	13.41
	20	56.3	6.63	67.5	7.93	78.1	9.28	83.6	10.01	89.2	10.73	99.9	12.23	111.0	13.93
	21	56.3	6.72	67.5	7.98	78.1	9.37	83.6	10.11	89.2	10.83	99.9	12.43	111.0	14.22
	23	56.3	6.81	67.5	8.17	78.1	9.57	83.6	10.44	89.2	11.36	99.9	13.29	111.0	15.01
	25	56.3	6.91	67.5	8.46	78.1	10.20	83.6	11.17	89.2	12.13	99.9	14.21	111.0	15.74
	27	56.3	7.30	67.5	9.04	78.1	10.88	83.6	11.84	89.2	12.95	99.9	15.18	111.0	16.72
	29	56.3	7.79	67.5	9.57	78.1	11.56	83.6	12.62	89.2	13.78	99.9	16.20	111.0	17.93
	31	56.3	8.26	67.5	10.20	78.1	12.33	83.6	13.49	89.2	14.70	99.9	17.26	111.0	19.02
	33	56.3	8.75	67.5	10.78	78.1	13.10	83.6	14.31	89.2	15.61	99.9	18.37	111.0	20.25
	35	56.3	9.23	67.5	11.51	78.1	13.93	83.6	15.23	89.2	16.63	99.9	19.58	111.0	21.47
	37	56.3	9.81	67.5	12.18	78.1	14.79	83.6	16.20	89.2	17.70	99.9	20.84	111.0	22.65
	39	56.3	10.42	67.5	13.00	78.1	15.82	83.6	17.42	89.2	19.12	99.9	22.30	111.0	24.43
	41	54.9	11.53	65.8	14.24	76.1	17.35	81.6	19.11	86.9	20.78	97.3	24.49	108.1	26.35
	43	53.5	12.54	64.1	15.51	74.3	18.93	79.5	20.84	84.8	22.69	94.9	26.76	105.4	28.49
	46	50.2	13.94	60.0	17.44	69.5	21.32	74.5	23.22	79.4	25.57	88.9	30.18	98.8	31.76
	48	44.4	12.16	53.2	15.24	61.5	18.63	65.9	20.28	70.2	22.37	78.7	26.40	87.4	27.48
60	10	48.3	5.29	57.6	6.21	67.0	7.21	71.7	7.73	76.4	8.22	85.8	9.32	95.2	10.43
	12	48.3	5.39	57.6	6.29	67.0	7.31	71.7	7.83	76.4	8.37	85.8	9.47	95.2	10.62
	14	48.3	5.44	57.6	6.39	67.0	7.45	71.7	7.98	76.4	8.50	85.8	9.66	95.2	10.81
	16	48.3	5.52	57.6	6.54	67.0	7.55	71.7	8.12	76.4	8.70	85.8	9.86	95.2	11.01
	18	48.3	5.62	57.6	6.63	67.0	7.69	71.7	8.27	76.4	8.85	85.8	9.99	95.2	11.25
	20	48.3	5.72	57.6	6.73	67.0	7.83	71.7	8.41	76.4	8.99	85.8	10.19	95.2	11.49
	21	48.3	5.77	57.6	6.78	67.0	7.93	71.7	8.50	76.4	9.09	85.8	10.34	95.2	11.58
	23	48.3	5.86	57.6	6.93	67.0	8.03	71.7	8.65	76.4	9.27	85.8	10.72	95.2	12.30
	25	48.3	5.96	57.6	7.06	67.0	8.37	71.7	9.09	76.4	9.86	85.8	11.44	95.2	13.17
	27	48.3	6.16	57.6	7.45	67.0	8.89	71.7	9.66	76.4	10.48	85.8	12.16	95.2	14.04
	29	48.3	6.54	57.6	7.93	67.0	9.47	71.7	10.29	76.4	11.15	85.8	12.98	95.2	14.99
	31	48.3	6.93	57.6	8.41	67.0	10.04	71.7	10.96	76.4	11.87	85.8	13.84	95.2	15.96
	33	48.3	7.31	57.6	8.89	67.0	10.67	71.7	11.63	76.4	12.64	85.8	14.71	95.2	17.02
	35	48.3	7.73	57.6	9.47	67.0	11.34	71.7	12.35	76.4	13.41	85.8	15.67	95.2	18.07
	37	48.3	8.17	57.6	9.99	67.0	12.02	71.7	13.12	76.4	14.23	85.8	16.63	95.2	19.23
	39	48.3	8.69	57.6	10.65	67.0	12.97	71.7	14.07	76.4	15.31	85.8	17.84	95.2	20.61
	41	46.9	9.42	56.1	11.65	65.3	14.09	69.9	15.38	74.4	16.62	83.6	19.57	92.8	22.39
	43	45.9	10.24	54.7	12.68	63.7	15.35	68.2	16.76	72.6	18.12	81.6	21.36	90.4	24.46
	46	43.0	11.47	51.3	14.23	59.7	17.27	63.9	18.84	68.0	20.39	76.4	24.07	84.8	27.86
	48	38.0	9.99	45.4	12.42	52.8	15.09	56.5	16.45	60.2	17.82	67.6	21.05	75.0	24.38
50	10	40.3	4.54	48.3	5.26	55.9	5.97	59.8	6.41	63.6	6.79	71.2	7.64	79.4	8.51
	12	40.3	4.59	48.3	5.31	55.9	6.07	59.8	6.49	63.6	6.93	71.2	7.79	79.4	8.65
	14	40.3	4.64	48.3	5.40	55.9	6.16	59.8	6.59	63.6	7.02	71.2	7.89	79.4	8.79
	16	40.3	4.73	48.3	5.49	55.9	6.26	59.8	6.74	63.6	7.12	71.2	8.03	79.4	8.94
	18	40.3	4.78	48.3	5.54	55.9	6.36	59.8	6.84	63.6	7.26	71.2	8.17	79.4	9.12
	20	40.3	4.83	48.3	5.64	55.9	6.49	59.8	6.93	63.6	7.41	71.2	8.32	79.4	9.32
	21	40.3	4.88	48.3	5.69	55.9	6.54	59.8	7.02	63.6	7.46	71.2	8.41	79.4	9.42
	23	40.3	4.97	48.3	5.78	55.9	6.64	59.8	7.12	63.6	7.60	71.2	8.56	79.4	9.60
	25	40.3	5.01	48.3	5.88	55.9	6.79	59.8	7.26	63.6	7.84	71.2	8.99	79.4	10.27
	27	40.3	5.11	48.3	6.07	55.9	7.17	59.8	7.74	63.6	8.32	71.2	9.60	79.4	10.95
	29	40.3	5.40	48.3	6.46	55.9	7.60	59.8	8.22	63.6	8.84	71.2	10.18	79.4	11.62
	31	40.3	5.69	48.3	6.84	55.9	8.07	59.8	8.70	63.6	9.42	71.2	10.85	79.4	12.38
	33	40.3	6.02	48.3	7.22	55.9	8.56	59.8	9.22	63.6	9.99	71.2	11.52	79.4	13.19
	35	40.3	6.36	48.3	7.64	55.9	9.04	59.8	9.80	63.6	10.57	71.2	12.18	79.4	14.00
	37	40.3	6.74	48.3	8.07	55.9	9.56	59.8	10.37	63.6	11.18	71.2	13.00	79.4	14.86
	39	40.3	7.18	48.3	8.66	55.9	10.24	59.8	11.16	63.6	12.00	71.2	13.84	79.4	16.06
	41	39.3	7.77	46.9	9.37	54.4	11.19	58.3	12.09	62.0	13.00	69.5	15.17	77.3	17.44
	43	38.3	8.45	45.9	10.19	53.2	12.18	56.8	13.16	60.5	14.15	67.7	16.55	75.5	19.02
	46	35.9	9.46	43.0	11.44	49.8	13.67	53.2	14.79	56.6	15.89	63.4	18.62	70.7	21.41
	48	31.8	8.25	38.0	9.97	44.0	11.92	47.1	12.90	50.1	13.87	56.1	16.27	62.5	18.72

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

◆ ARUV432BTE5 / ARUV432DTE5

Cooling Capacity (36RT)

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	125.4	14.04	149.3	17.16	160.1	19.92	164.6	20.32	169.3	20.48	177.4	20.64	181.9	20.73
	12	125.4	14.40	149.3	17.78	160.1	20.73	164.6	20.87	169.3	21.04	177.4	21.20	181.9	21.39
	14	125.4	14.88	149.3	18.42	160.1	21.51	164.6	21.66	169.3	21.85	177.4	22.02	181.9	22.21
	16	125.4	15.42	149.3	19.07	160.1	22.47	164.6	22.68	169.3	22.87	177.4	23.07	181.9	23.25
	18	125.4	16.07	149.3	20.16	160.1	23.51	164.6	24.02	169.3	24.21	177.4	24.45	181.9	24.61
	20	125.4	16.78	149.3	21.49	160.1	24.66	164.6	26.42	169.3	26.63	174.8	26.89	179.4	27.08
	21	125.4	17.21	149.3	22.24	160.1	25.18	164.6	27.95	169.3	28.18	173.8	28.46	178.4	28.66
	23	125.4	18.47	149.3	23.40	160.1	26.49	164.6	30.85	167.1	31.09	171.3	31.40	175.8	31.61
	25	125.4	19.73	149.3	24.74	160.1	28.31	162.6	34.21	164.6	34.49	169.3	34.82	173.8	35.06
	27	125.4	21.11	149.3	26.45	158.1	30.16	160.1	37.66	162.6	37.96	167.1	38.34	171.3	38.60
	29	125.4	22.49	149.3	28.28	155.4	32.45	157.7	41.39	160.1	41.63	164.6	42.01	169.3	42.18
	31	125.4	24.00	148.9	29.78	152.9	34.52	155.4	41.21	157.7	41.46	162.1	41.83	166.6	41.99
	33	125.4	25.57	146.2	31.56	150.9	37.02	153.3	40.84	155.4	41.08	160.1	41.45	164.1	41.61
	35	125.4	27.27	143.7	33.05	148.2	40.11	150.9	40.30	153.3	40.54	157.4	40.91	162.1	41.07
	37	125.4	29.08	141.7	34.68	146.2	39.58	148.2	39.77	150.9	40.01	155.0	40.37	159.6	40.53
	39	125.4	30.96	139.2	36.51	143.7	39.04	146.2	39.25	148.2	39.47	152.9	39.83	157.4	39.99
	41	122.1	32.85	133.4	38.33	137.9	38.51	139.9	38.71	142.7	38.94	147.0	39.29	150.9	39.44
	43	119.2	34.64	127.8	37.80	132.2	37.99	134.3	38.18	137.0	38.40	141.2	38.75	145.0	38.90
	46	111.7	37.08	116.7	37.01	120.8	37.19	122.8	37.37	125.3	37.60	129.3	37.94	132.8	38.09
	48	98.8	36.04	101.2	36.16	105.0	36.23	106.8	36.33	109.0	36.64	112.5	36.87	115.6	37.02
120	10	113.5	12.64	134.9	15.49	147.5	18.41	152.0	19.90	156.5	20.21	164.9	20.30	168.9	20.45
	12	113.5	12.98	134.9	16.02	147.5	19.16	152.0	20.32	156.5	20.96	164.9	21.21	168.9	21.38
	14	113.5	13.42	134.9	16.56	147.5	19.92	152.0	21.09	156.5	21.73	164.9	22.05	168.9	22.23
	16	113.5	13.90	134.9	17.24	147.5	20.69	152.0	21.88	156.5	22.73	164.9	23.01	168.9	23.19
	18	113.5	14.45	134.9	18.02	147.5	21.52	152.0	23.02	156.5	23.90	164.9	24.17	168.9	24.37
	20	113.5	15.00	134.9	19.10	147.5	22.68	152.0	24.23	156.5	25.16	164.9	25.49	168.9	25.70
	21	113.5	15.45	134.9	19.79	147.5	23.32	152.0	24.95	156.5	25.99	164.9	26.32	168.9	26.54
	23	113.5	16.52	134.9	21.18	147.5	24.99	152.0	26.51	156.5	27.71	164.9	27.99	168.9	28.21
	25	113.5	17.66	134.9	22.68	147.5	26.35	152.0	28.26	156.5	29.71	163.0	29.97	166.9	30.21
	27	113.5	18.85	134.9	24.25	147.5	28.04	152.0	30.19	156.5	31.94	160.4	32.15	164.4	32.40
	29	113.5	20.11	134.9	25.88	147.5	29.51	152.0	32.31	153.9	34.04	157.9	34.54	162.4	34.82
	31	113.5	21.42	134.9	27.64	147.5	31.04	150.0	34.61	152.0	36.51	155.9	37.16	159.9	37.45
	33	113.5	22.81	134.9	29.47	145.5	32.83	147.5	37.57	149.4	39.20	153.4	39.65	157.4	39.96
	35	113.5	24.25	134.9	31.42	143.0	34.75	144.9	41.39	147.5	41.59	151.5	41.72	155.4	42.05
	37	113.5	26.09	134.9	33.15	140.9	37.04	143.0	40.52	144.9	40.72	148.9	40.84	152.9	41.16
	39	113.5	28.08	134.5	35.04	138.5	39.30	140.4	39.68	142.4	39.89	147.0	40.01	150.9	40.32
	41	110.6	30.08	128.6	36.92	132.9	38.52	134.7	38.85	136.7	39.04	140.7	39.16	144.8	39.47
	43	107.9	32.11	123.2	36.39	127.5	37.66	129.3	38.02	131.2	38.21	135.1	38.32	139.0	38.63
	46	101.0	34.52	112.3	35.52	116.4	36.47	118.1	36.77	119.9	36.96	123.5	37.06	127.2	37.36
	48	89.4	33.82	97.6	34.89	101.2	35.76	102.7	35.97	104.3	36.09	107.5	36.23	110.7	36.38
110	10	101.6	11.36	121.2	13.85	135.4	16.45	139.2	17.81	148.0	19.17	151.5	19.70	161.7	20.02
	12	101.6	11.72	121.2	14.32	135.4	17.14	139.2	18.31	148.0	19.89	151.5	20.52	161.7	21.00
	14	101.6	12.09	121.2	14.97	135.4	17.92	139.2	19.22	148.0	20.89	151.5	21.49	161.7	21.94
	16	101.6	12.52	121.2	15.51	135.4	18.66	139.2	20.06	148.0	21.85	151.5	22.45	161.7	22.85
	18	101.6	12.98	121.2	16.16	135.4	19.73	139.2	21.12	148.0	23.05	151.5	23.51	161.7	23.95
	20	101.6	13.45	121.2	16.97	135.4	20.92	139.2	22.09	148.0	24.17	151.5	24.76	161.7	25.16
	21	101.6	13.74	121.2	17.47	135.4	21.46	139.2	22.69	148.0	24.85	151.5	25.47	161.7	25.87
	23	101.6	14.64	121.2	18.73	135.4	22.66	139.2	23.95	148.0	26.25	151.5	26.81	161.7	27.25
	25	101.6	15.64	121.2	19.98	135.4	23.94	139.2	25.32	148.0	27.73	151.5	28.13	159.7	28.70
	27	101.6	16.71	121.2	21.36	135.4	25.30	139.2	26.80	148.0	28.96	151.5	29.63	157.4	30.13
	29	101.6	17.85	121.2	22.81	135.4	26.73	139.2	28.38	148.0	30.61	151.5	31.13	155.4	31.61
	31	101.6	18.97	121.2	24.31	135.4	28.25	139.2	30.07	145.7	32.16	149.5	32.79	152.9	33.13
	33	101.6	20.23	121.2	25.88	135.4	29.84	139.2	31.87	143.7	33.96	147.1	34.52	150.9	34.71
	35	101.6	21.49	121.2	27.64	135.4	31.52	139.2	33.77	141.2	35.84	144.6	36.18	148.6	36.35
	37	101.6	22.78	121.2	29.34	135.4	33.27	137.3	35.77	138.8	37.80	142.7	37.94	146.1	38.04
	39	101.6	24.55	121.2	31.18	132.9	35.11	134.9	38.26	136.9	39.68	140.3	39.75	144.2	39.78
	41	99.0	26.33	118.1	33.02	127.2	37.02	129.2	41.39	130.9	41.39	134.7	41.72	138.1	42.05
	43	96.6	27.65	115.1	34.40	121.9	39.26	123.9	39.70	125.5	39.61	129.3	39.84	132.5	39.95
	46	90.6	26.99	107.9	33.21	111.3	37.26	113.1	37.25	114.7	37.58	118.1	37.78	121.2	37.89
	48	80.1	26.21	93.8	31.99	96.7	35.45	98.3	35.68	99.6	35.85	102.8	35.96	105.5	36.11

7. Capacity Tables

Cooling Capacity (36RT)

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	85.5	10.23	101.7	12.44	118.5	14.76	126.6	15.95	134.7	17.14	149.4	19.07	152.7	19.23
	12	85.5	10.56	101.7	12.95	118.5	15.26	126.6	16.38	134.7	17.68	149.4	20.09	152.7	20.30
	14	85.5	10.90	101.7	13.47	118.5	15.90	126.6	17.09	134.7	18.44	149.4	21.23	152.7	21.42
	16	85.5	11.23	101.7	13.91	118.5	16.58	126.6	17.90	134.7	19.44	149.4	22.25	152.7	22.56
	18	85.5	11.55	101.7	14.43	118.5	17.22	126.6	18.76	134.7	20.61	149.4	23.50	152.7	23.69
	20	85.5	11.97	101.7	14.97	118.5	18.22	126.6	20.11	134.7	22.05	149.4	24.63	152.7	24.83
	21	85.5	12.21	101.7	15.33	118.5	18.85	126.6	20.80	134.7	22.87	149.4	25.19	152.7	25.40
	23	85.5	12.95	101.7	16.40	118.5	20.23	126.6	22.30	134.7	24.50	149.4	26.38	152.7	26.59
	25	85.5	13.76	101.7	17.47	118.5	21.61	126.6	23.87	134.7	26.20	149.4	27.51	151.4	27.73
	27	85.5	14.71	101.7	18.66	118.5	23.12	126.6	25.51	134.7	27.85	146.4	28.80	149.6	29.03
	29	85.5	15.64	101.7	19.92	118.5	24.69	126.6	27.27	134.7	29.49	143.7	29.96	147.3	30.20
	31	85.5	16.71	101.7	21.23	118.5	26.33	126.6	29.09	134.7	30.97	141.6	31.12	145.0	31.37
	33	85.5	17.71	101.7	22.62	118.5	28.09	126.6	31.04	134.7	32.14	139.4	32.28	142.8	32.54
	35	85.5	18.85	101.7	24.06	118.5	29.90	126.6	33.11	132.7	33.31	136.8	33.44	140.3	33.71
	37	85.5	20.19	101.7	25.81	118.5	31.68	126.6	34.68	130.5	34.85	134.3	34.99	137.4	35.32
	39	85.5	21.64	101.7	27.73	118.5	33.57	126.6	36.38	128.4	36.54	132.1	36.68	135.2	37.02
	41	84.1	23.09	100.1	29.64	116.5	35.46	121.5	38.08	124.1	38.23	127.1	38.37	131.1	38.72
	43	81.2	24.45	96.7	31.42	112.6	37.16	116.5	39.53	117.8	39.68	121.4	39.80	124.6	40.18
	46	76.1	26.30	90.6	33.87	105.5	39.41	106.4	41.39	107.5	41.51	110.9	41.63	114.0	42.03
	48	67.3	22.70	80.1	29.31	91.1	33.69	92.4	35.11	93.4	35.23	96.5	35.31	99.1	35.59
90	10	76.9	8.95	91.8	10.76	106.8	12.69	114.0	13.67	121.2	14.72	136.1	16.47	151.1	18.32
	12	76.9	9.06	91.8	10.93	106.8	12.91	114.0	13.95	121.2	15.05	136.1	16.80	151.1	18.64
	14	76.9	9.23	91.8	11.14	106.8	13.18	114.0	14.23	121.2	15.32	136.1	17.13	151.1	19.02
	16	76.9	9.39	91.8	11.37	106.8	13.45	114.0	14.49	121.2	15.60	136.1	17.46	151.1	19.35
	18	76.9	9.56	91.8	11.59	106.8	13.67	114.0	14.82	121.2	15.93	136.1	17.83	151.1	20.32
	20	76.9	9.72	91.8	11.80	106.8	13.95	114.0	15.10	121.2	16.52	136.1	19.09	151.1	21.29
	21	76.9	9.83	91.8	11.92	106.8	14.23	114.0	15.60	121.2	17.13	136.1	19.39	151.1	21.78
	23	76.9	10.05	91.8	12.41	106.8	15.21	114.0	16.75	121.2	18.34	136.1	20.57	148.9	22.80
	25	76.9	10.55	91.8	13.24	106.8	16.26	114.0	17.91	121.2	19.61	136.1	21.99	146.8	23.78
	27	76.9	11.26	91.8	14.11	106.8	17.35	114.0	19.11	121.2	20.98	136.1	23.38	144.6	24.89
	29	76.9	11.92	91.8	15.05	106.8	18.56	114.0	20.43	121.2	22.40	136.1	24.77	142.5	25.90
	31	76.9	12.69	91.8	16.04	106.8	19.77	114.0	21.75	121.2	23.88	136.1	26.00	140.3	26.90
	33	76.9	13.50	91.8	17.08	106.8	21.09	114.0	23.17	121.2	25.34	136.1	27.26	138.2	27.91
	35	76.9	14.33	91.8	18.12	106.8	22.40	114.0	24.71	121.2	26.87	133.8	28.82	136.0	29.48
	37	76.9	15.21	91.8	19.28	106.8	23.89	114.0	26.26	121.2	28.36	131.6	30.13	133.8	30.80
	39	76.9	16.11	91.8	20.50	106.8	25.29	114.0	27.94	121.2	29.82	129.5	31.76	131.7	32.14
	41	74.9	18.02	89.5	22.73	103.9	27.75	111.1	30.55	118.1	32.20	124.1	33.48	126.2	34.24
	43	73.1	19.45	87.2	24.56	101.4	30.32	108.3	32.90	115.1	34.52	118.9	35.84	121.1	36.29
	46	68.4	21.90	81.8	27.97	95.1	34.54	101.4	37.30	104.6	38.35	108.6	39.35	110.6	39.41
	48	60.5	19.14	72.4	24.47	84.1	30.22	89.7	32.54	90.9	33.05	94.4	33.87	96.2	33.91
80	10	68.3	7.52	81.4	9.04	94.5	10.60	101.2	11.43	108.1	12.27	121.2	14.00	134.3	15.19
	12	68.3	7.68	81.4	9.14	94.5	10.81	101.2	11.64	108.1	12.48	121.2	14.25	134.3	15.49
	14	68.3	7.78	81.4	9.35	94.5	10.96	101.2	11.85	108.1	12.69	121.2	14.51	134.3	15.80
	16	68.3	7.88	81.4	9.51	94.5	11.17	101.2	12.06	108.1	12.95	121.2	14.83	134.3	16.10
	18	68.3	8.04	81.4	9.66	94.5	11.38	101.2	12.27	108.1	13.21	121.2	15.09	134.3	16.45
	20	68.3	8.20	81.4	9.87	94.5	11.64	101.2	12.53	108.1	13.48	121.2	15.66	134.3	17.43
	21	68.3	8.25	81.4	9.98	94.5	11.75	101.2	12.69	108.1	13.79	121.2	16.16	134.3	17.89
	23	68.3	8.41	81.4	10.13	94.5	12.27	101.2	13.48	108.1	14.72	121.2	17.06	134.3	18.77
	25	68.3	8.72	81.4	10.81	94.5	13.16	101.2	14.41	108.1	15.77	121.2	18.26	134.3	20.07
	27	68.3	9.25	81.4	11.49	94.5	14.05	101.2	15.40	108.1	16.82	121.2	19.40	134.3	21.12
	29	68.3	9.82	81.4	12.27	94.5	14.93	101.2	16.40	108.1	17.97	121.2	20.79	134.3	22.60
	31	68.3	10.44	81.4	13.00	94.5	15.93	101.2	17.50	108.1	19.11	121.2	22.06	134.3	23.74
	33	68.3	11.07	81.4	13.89	94.5	16.97	101.2	18.64	108.1	20.37	121.2	23.25	134.3	24.89
	35	68.3	11.75	81.4	14.72	94.5	18.07	101.2	19.84	108.1	21.73	121.2	24.65	132.9	25.79
	37	68.3	12.43	81.4	15.66	94.5	19.16	101.2	21.10	108.1	23.08	121.2	26.01	130.7	26.96
	39	68.3	13.13	81.4	16.55	94.5	20.50	101.2	22.68	108.1	24.81	121.2	27.48	128.6	28.44
	41	66.5	14.53	79.3	18.34	92.0	22.50	98.7	24.86	105.3	27.25	118.1	30.58	123.2	31.52
	43	64.9	16.00	77.3	20.02	89.8	24.56	96.2	27.10	102.7	29.79	115.1	32.72	118.1	33.74
	46	60.8	17.80	72.4	22.55	84.1	27.67	90.2	30.16	96.2	33.60	105.3	35.73	107.8	36.29
	48	53.8	15.54	64.1	19.72	74.4	24.20	79.8	26.34	85.2	29.42	91.5	30.92	93.6	31.24

7. Capacity Tables

Cooling Capacity (36RT)

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	59.6	6.62	71.5	7.87	82.7	9.12	88.6	9.86	94.5	10.53	105.9	11.99	117.6	13.42
	12	59.6	6.73	71.5	7.98	82.7	9.33	88.6	10.01	94.5	10.74	105.9	12.20	117.6	13.67
	14	59.6	6.83	71.5	8.08	82.7	9.49	88.6	10.16	94.5	10.90	105.9	12.47	117.6	13.91
	16	59.6	6.94	71.5	8.24	82.7	9.65	88.6	10.37	94.5	11.11	105.9	12.67	117.6	14.21
	18	59.6	7.04	71.5	8.40	82.7	9.86	88.6	10.58	94.5	11.31	105.9	12.88	117.6	14.46
	20	59.6	7.15	71.5	8.56	82.7	10.01	88.6	10.79	94.5	11.57	105.9	13.19	117.6	15.02
	21	59.6	7.25	71.5	8.61	82.7	10.11	88.6	10.90	94.5	11.68	105.9	13.40	117.6	15.34
	23	59.6	7.35	71.5	8.81	82.7	10.32	88.6	11.26	94.5	12.26	105.9	14.34	117.6	16.19
	25	59.6	7.45	71.5	9.12	82.7	11.00	88.6	12.05	94.5	13.09	105.9	15.32	117.6	16.98
	27	59.6	7.87	71.5	9.75	82.7	11.73	88.6	12.77	94.5	13.97	105.9	16.38	117.6	18.04
	29	59.6	8.40	71.5	10.32	82.7	12.47	88.6	13.61	94.5	14.86	105.9	17.47	117.6	19.33
	31	59.6	8.91	71.5	11.00	82.7	13.30	88.6	14.55	94.5	15.85	105.9	18.61	117.6	20.51
	33	59.6	9.44	71.5	11.62	82.7	14.13	88.6	15.43	94.5	16.84	105.9	19.81	117.6	21.84
	35	59.6	9.95	71.5	12.41	82.7	15.02	88.6	16.43	94.5	17.93	105.9	21.12	117.6	23.16
	37	59.6	10.58	71.5	13.14	82.7	15.95	88.6	17.47	94.5	19.09	105.9	22.47	117.6	24.43
	39	59.6	11.24	71.5	14.02	82.7	17.06	88.6	18.79	94.5	20.62	105.9	24.05	117.6	26.34
	41	58.2	12.43	69.7	15.36	80.7	18.72	86.4	20.61	92.0	22.41	103.0	26.42	114.5	28.42
	43	56.7	13.53	67.9	16.73	78.7	20.41	84.3	22.47	89.8	24.48	100.5	28.86	111.7	30.73
	46	53.1	15.04	63.6	18.81	73.7	23.00	78.9	25.04	84.1	27.58	94.2	32.55	104.7	34.25
	48	47.0	13.12	56.3	16.43	65.2	20.10	69.8	21.87	74.4	24.13	83.4	28.48	92.6	29.64
60	10	51.1	5.73	61.0	6.72	71.0	7.81	76.0	8.38	80.9	8.90	90.9	10.10	100.8	11.30
	12	51.1	5.83	61.0	6.82	71.0	7.91	76.0	8.48	80.9	9.06	90.9	10.26	100.8	11.50
	14	51.1	5.89	61.0	6.92	71.0	8.07	76.0	8.64	80.9	9.21	90.9	10.47	100.8	11.71
	16	51.1	5.98	61.0	7.08	71.0	8.18	76.0	8.80	80.9	9.42	90.9	10.68	100.8	11.92
	18	51.1	6.09	61.0	7.18	71.0	8.32	76.0	8.96	80.9	9.58	90.9	10.83	100.8	12.19
	20	51.1	6.19	61.0	7.29	71.0	8.48	76.0	9.11	80.9	9.74	90.9	11.04	100.8	12.44
	21	51.1	6.25	61.0	7.34	71.0	8.59	76.0	9.21	80.9	9.84	90.9	11.19	100.8	12.54
	23	51.1	6.35	61.0	7.50	71.0	8.69	76.0	9.37	80.9	10.04	90.9	11.61	100.8	13.33
	25	51.1	6.46	61.0	7.65	71.0	9.06	76.0	9.84	80.9	10.68	90.9	12.39	100.8	14.26
	27	51.1	6.67	61.0	8.07	71.0	9.63	76.0	10.47	80.9	11.35	90.9	13.17	100.8	15.20
	29	51.1	7.08	61.0	8.59	71.0	10.26	76.0	11.14	80.9	12.08	90.9	14.05	100.8	16.24
	31	51.1	7.50	61.0	9.11	71.0	10.88	76.0	11.87	80.9	12.86	90.9	14.99	100.8	17.28
	33	51.1	7.91	61.0	9.63	71.0	11.55	76.0	12.60	80.9	13.69	90.9	15.93	100.8	18.43
	35	51.1	8.38	61.0	10.26	71.0	12.28	76.0	13.38	80.9	14.53	90.9	16.98	100.8	19.57
	37	51.1	8.85	61.0	10.82	71.0	13.02	76.0	14.21	80.9	15.41	90.9	18.01	100.8	20.83
	39	51.1	9.41	61.0	11.53	71.0	14.05	76.0	15.24	80.9	16.59	90.9	19.32	100.8	22.32
	41	49.7	10.20	59.4	12.61	69.2	15.26	74.0	16.66	78.9	18.00	88.6	21.20	98.3	24.25
	43	48.6	11.09	58.0	13.73	67.5	16.63	72.2	18.15	76.9	19.63	86.4	23.14	95.8	26.49
	46	45.5	12.42	54.4	15.42	63.2	18.70	67.7	20.40	72.1	22.09	80.9	26.07	89.8	30.18
	48	40.3	10.82	48.1	13.45	56.0	16.34	59.8	17.82	63.8	19.30	71.6	22.80	79.4	26.40
50	10	42.7	4.94	51.1	5.72	59.2	6.49	63.4	6.97	67.4	7.38	75.5	8.31	84.1	9.26
	12	42.7	4.99	51.1	5.77	59.2	6.60	63.4	7.06	67.4	7.54	75.5	8.47	84.1	9.41
	14	42.7	5.04	51.1	5.88	59.2	6.70	63.4	7.17	67.4	7.64	75.5	8.58	84.1	9.56
	16	42.7	5.15	51.1	5.97	59.2	6.81	63.4	7.33	67.4	7.74	75.5	8.74	84.1	9.72
	18	42.7	5.20	51.1	6.03	59.2	6.92	63.4	7.43	67.4	7.90	75.5	8.89	84.1	9.92
	20	42.7	5.25	51.1	6.13	59.2	7.06	63.4	7.54	67.4	8.06	75.5	9.04	84.1	10.14
	21	42.7	5.31	51.1	6.19	59.2	7.12	63.4	7.64	67.4	8.11	75.5	9.15	84.1	10.24
	23	42.7	5.40	51.1	6.29	59.2	7.22	63.4	7.74	67.4	8.26	75.5	9.31	84.1	10.44
	25	42.7	5.45	51.1	6.40	59.2	7.38	63.4	7.90	67.4	8.53	75.5	9.78	84.1	11.17
	27	42.7	5.56	51.1	6.60	59.2	7.80	63.4	8.42	67.4	9.04	75.5	10.44	84.1	11.90
	29	42.7	5.88	51.1	7.02	59.2	8.26	63.4	8.94	67.4	9.62	75.5	11.07	84.1	12.63
	31	42.7	6.19	51.1	7.43	59.2	8.78	63.4	9.46	67.4	10.24	75.5	11.80	84.1	13.46
	33	42.7	6.55	51.1	7.85	59.2	9.31	63.4	10.03	67.4	10.87	75.5	12.53	84.1	14.35
	35	42.7	6.92	51.1	8.31	59.2	9.83	63.4	10.65	67.4	11.49	75.5	13.25	84.1	15.23
	37	42.7	7.33	51.1	8.78	59.2	10.40	63.4	11.28	67.4	12.16	75.5	14.14	84.1	16.16
	39	42.7	7.81	51.1	9.42	59.2	11.14	63.4	12.14	67.4	13.05	75.5	15.05	84.1	17.46
	41	41.6	8.45	49.7	10.19	57.7	12.18	61.7	13.15	65.7	14.14	73.6	16.50	81.9	18.96
	43	40.6	9.19	48.6	11.09	56.3	13.25	60.2	14.32	64.1	15.39	71.7	18.00	79.9	20.68
	46	38.0	10.29	45.5	12.44	52.8	14.87	56.4	16.08	60.0	17.28	67.2	20.25	74.9	23.29
	48	33.7	8.97	40.3	10.85	46.7	12.96	49.9	14.03	53.1	15.09	59.5	17.70	66.3	20.36

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

◆ ARUV456BTE5 / ARUV456DTE5

Cooling Capacity (38RT)

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	132.3	14.73	157.6	18.01	168.9	20.90	173.7	21.32	178.6	21.49	187.2	21.66	192.0	21.75
	12	132.3	15.11	157.6	18.65	168.9	21.75	173.7	21.89	178.6	22.07	187.2	22.24	192.0	22.44
	14	132.3	15.61	157.6	19.33	168.9	22.57	173.7	22.73	178.6	22.92	187.2	23.10	192.0	23.30
	16	132.3	16.18	157.6	20.01	168.9	23.58	173.7	23.80	178.6	23.99	187.2	24.21	192.0	24.39
	18	132.3	16.86	157.6	21.16	168.9	24.66	173.7	25.20	178.6	25.40	187.2	25.65	192.0	25.82
	20	132.3	17.60	157.6	22.54	168.9	25.88	173.7	27.72	178.6	27.94	184.5	28.21	189.3	28.41
	21	132.3	18.06	157.6	23.34	168.9	26.42	173.7	29.33	178.6	29.56	183.4	29.86	188.3	30.07
	23	132.3	19.38	157.6	24.55	168.9	27.80	173.7	32.37	176.3	32.62	180.7	32.95	185.5	33.17
	25	132.3	20.70	157.6	25.96	168.9	29.71	171.6	35.90	173.7	36.18	178.6	36.53	183.4	36.79
	27	132.3	22.15	157.6	27.75	166.8	31.65	168.9	39.52	171.6	39.83	176.3	40.22	180.7	40.50
	29	132.3	23.60	157.6	29.67	164.0	34.05	166.5	43.43	168.9	43.68	173.7	44.08	178.6	44.25
	31	132.3	25.18	157.1	31.25	161.3	36.22	164.0	43.24	166.5	43.50	171.0	43.89	175.8	44.06
	33	132.3	26.83	154.3	33.11	159.2	38.85	161.8	42.85	164.0	43.10	168.9	43.49	173.1	43.66
	35	132.3	28.61	151.7	34.68	156.4	42.08	159.2	42.29	161.8	42.54	166.1	42.92	171.0	43.10
	37	132.3	30.51	149.5	36.39	154.3	41.52	156.4	41.73	159.2	41.98	163.6	42.36	168.4	42.52
	39	132.3	32.48	146.9	38.31	151.7	40.97	154.3	41.18	156.4	41.42	161.3	41.79	166.1	41.96
	41	128.9	34.47	140.8	40.22	145.5	40.41	147.7	40.62	150.5	40.86	155.1	41.22	159.3	41.38
	43	125.8	36.35	134.9	39.66	139.5	39.86	141.7	40.06	144.6	40.30	149.0	40.66	153.0	40.82
	46	117.8	38.90	123.1	38.83	127.5	39.03	129.6	39.21	132.2	39.45	136.4	39.81	140.1	39.97
	48	104.3	37.82	106.8	37.94	110.8	38.02	112.7	38.12	115.0	38.45	118.8	38.69	122.0	38.85
120	10	119.7	13.26	142.4	16.25	155.6	19.32	160.4	20.88	165.1	21.21	174.1	21.29	178.3	21.46
	12	119.7	13.62	142.4	16.81	155.6	20.10	160.4	21.32	165.1	21.99	174.1	22.26	178.3	22.44
	14	119.7	14.08	142.4	17.37	155.6	20.90	160.4	22.13	165.1	22.80	174.1	23.14	178.3	23.32
	16	119.7	14.59	142.4	18.09	155.6	21.71	160.4	22.96	165.1	23.85	174.1	24.14	178.3	24.34
	18	119.7	15.16	142.4	18.90	155.6	22.58	160.4	24.16	165.1	25.08	174.1	25.36	178.3	25.56
	20	119.7	15.74	142.4	20.04	155.6	23.79	160.4	25.42	165.1	26.40	174.1	26.75	178.3	26.96
	21	119.7	16.21	142.4	20.77	155.6	24.46	160.4	26.18	165.1	27.27	174.1	27.61	178.3	27.84
	23	119.7	17.34	142.4	22.22	155.6	26.22	160.4	27.81	165.1	29.08	174.1	29.37	178.3	29.60
	25	119.7	18.53	142.4	23.80	155.6	27.65	160.4	29.65	165.1	31.18	172.0	31.44	176.2	31.70
	27	119.7	19.78	142.4	25.44	155.6	29.42	160.4	31.68	165.1	33.51	169.3	33.73	173.5	34.00
	29	119.7	21.10	142.4	27.16	155.6	30.96	160.4	33.90	162.5	35.71	166.7	36.24	171.4	36.53
	31	119.7	22.48	142.4	29.00	155.6	32.57	158.3	36.32	160.4	38.31	164.6	38.99	168.7	39.30
	33	119.7	23.93	142.4	30.92	153.5	34.45	155.6	39.42	157.7	41.13	161.9	41.60	166.1	41.93
	35	119.7	25.44	142.4	32.96	150.9	36.46	153.0	43.43	155.6	43.64	159.8	43.77	164.0	44.12
	37	119.7	27.37	142.4	34.78	148.7	38.87	150.9	42.52	153.0	42.72	157.2	42.85	161.4	43.19
	39	119.7	29.46	141.9	36.76	146.1	41.23	148.2	41.64	150.3	41.85	155.1	41.97	159.3	42.30
	41	116.7	31.56	135.7	38.74	140.3	40.42	142.2	40.77	144.3	40.97	148.5	41.09	152.8	41.42
	43	113.8	33.69	130.0	38.18	134.5	39.51	136.4	39.89	138.5	40.09	142.5	40.21	146.7	40.53
	46	106.6	36.22	118.6	37.27	122.8	38.27	124.7	38.58	126.6	38.77	130.4	38.89	134.2	39.19
	48	94.3	35.48	103.0	36.61	106.8	37.52	108.3	37.75	110.0	37.87	113.4	38.02	116.9	38.18
110	10	107.2	11.92	127.9	14.53	142.9	17.26	146.9	18.69	156.2	20.12	159.8	20.67	170.7	21.01
	12	107.2	12.30	127.9	15.02	142.9	17.98	146.9	19.22	156.2	20.86	159.8	21.53	170.7	22.04
	14	107.2	12.68	127.9	15.70	142.9	18.80	146.9	20.17	156.2	21.91	159.8	22.54	170.7	23.02
	16	107.2	13.13	127.9	16.27	142.9	19.58	146.9	21.05	156.2	22.93	159.8	23.56	170.7	23.97
	18	107.2	13.62	127.9	16.95	142.9	20.70	146.9	22.16	156.2	24.19	159.8	24.66	170.7	25.13
	20	107.2	14.11	127.9	17.80	142.9	21.95	146.9	23.18	156.2	25.36	159.8	25.98	170.7	26.40
	21	107.2	14.42	127.9	18.33	142.9	22.51	146.9	23.81	156.2	26.07	159.8	26.72	170.7	27.14
	23	107.2	15.36	127.9	19.65	142.9	23.77	146.9	25.13	156.2	27.54	159.8	28.13	170.7	28.59
	25	107.2	16.41	127.9	20.97	142.9	25.11	146.9	26.56	156.2	29.09	159.8	29.51	168.6	30.11
	27	107.2	17.53	127.9	22.42	142.9	26.54	146.9	28.12	156.2	30.38	159.8	31.08	166.1	31.61
	29	107.2	18.72	127.9	23.93	142.9	28.05	146.9	29.78	156.2	32.11	159.8	32.66	164.0	33.16
	31	107.2	19.91	127.9	25.51	142.9	29.64	146.9	31.55	153.7	33.74	157.8	34.40	161.4	34.76
	33	107.2	21.23	127.9	27.16	142.9	31.31	146.9	33.44	151.6	35.63	155.2	36.22	159.3	36.42
	35	107.2	22.54	127.9	29.00	142.9	33.07	146.9	35.43	149.0	37.60	152.6	37.96	156.8	38.14
	37	107.2	23.90	127.9	30.78	142.9	34.91	144.9	37.53	146.5	39.66	150.5	39.80	154.1	39.91
	39	107.2	25.76	127.9	32.71	140.3	36.84	142.3	40.15	144.4	41.63	148.0	41.70	152.2	41.74
	41	104.5	27.63	124.6	34.65	134.2	38.85	136.3	43.43	138.1	43.43	142.2	43.77	145.7	44.12
	43	101.9	29.01	121.5	36.09	128.7	41.20	130.8	41.65	132.5	41.56	136.4	41.80	139.9	41.92
	46	95.6	28.32	113.9	34.85	117.4	39.10	119.4	39.09	121.0	39.43	124.7	39.64	127.9	39.75
	48	84.5	27.50	99.0	33.56	102.0	37.20	103.8	37.44	105.1	37.62	108.5	37.73	111.3	37.88

7. Capacity Tables

Cooling Capacity (38RT)

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	90.2	10.73	107.4	13.05	125.0	15.49	133.6	16.73	142.2	17.98	157.7	20.01	161.1	20.17
	12	90.2	11.08	107.4	13.59	125.0	16.01	133.6	17.19	142.2	18.55	157.7	21.08	161.1	21.30
	14	90.2	11.43	107.4	14.13	125.0	16.68	133.6	17.93	142.2	19.35	157.7	22.27	161.1	22.47
	16	90.2	11.78	107.4	14.60	125.0	17.39	133.6	18.78	142.2	20.39	157.7	23.34	161.1	23.67
	18	90.2	12.12	107.4	15.14	125.0	18.07	133.6	19.69	142.2	21.62	157.7	24.66	161.1	24.86
	20	90.2	12.56	107.4	15.71	125.0	19.12	133.6	21.10	142.2	23.14	157.7	25.84	161.1	26.05
	21	90.2	12.81	107.4	16.08	125.0	19.78	133.6	21.82	142.2	23.99	157.7	26.43	161.1	26.65
	23	90.2	13.58	107.4	17.21	125.0	21.23	133.6	23.40	142.2	25.71	157.7	27.68	161.1	27.90
	25	90.2	14.44	107.4	18.33	125.0	22.67	133.6	25.05	142.2	27.49	157.7	28.86	159.8	29.09
	27	90.2	15.43	107.4	19.58	125.0	24.26	133.6	26.76	142.2	29.22	154.5	30.22	157.9	30.46
	29	90.2	16.41	107.4	20.90	125.0	25.91	133.6	28.61	142.2	30.94	151.7	31.43	155.5	31.68
	31	90.2	17.53	107.4	22.28	125.0	27.63	133.6	30.52	142.2	32.50	149.4	32.66	153.0	32.91
	33	90.2	18.59	107.4	23.74	125.0	29.47	133.6	32.57	142.2	33.73	147.1	33.87	150.7	34.14
	35	90.2	19.78	107.4	25.24	125.0	31.38	133.6	34.74	140.0	34.95	144.4	35.08	148.0	35.37
	37	90.2	21.18	107.4	27.08	125.0	33.24	133.6	36.39	137.7	36.57	141.7	36.72	145.0	37.06
	39	90.2	22.71	107.4	29.09	125.0	35.23	133.6	38.18	135.5	38.34	139.5	38.49	142.7	38.85
	41	88.8	24.23	105.7	31.10	123.0	37.20	128.2	39.95	131.0	40.11	134.1	40.26	138.4	40.62
	43	85.7	25.65	102.0	32.97	118.8	38.99	122.9	41.47	124.3	41.63	128.1	41.76	131.5	42.16
	46	80.4	27.59	95.6	35.54	111.4	41.35	112.3	43.43	113.4	43.55	117.1	43.68	120.3	44.09
	48	71.1	23.82	84.6	30.76	96.1	35.35	97.5	36.84	98.6	36.97	101.8	37.05	104.5	37.35
90	10	81.1	9.34	96.9	11.22	112.7	13.23	120.3	14.26	127.9	15.35	143.6	17.17	159.4	19.11
	12	81.1	9.45	96.9	11.40	112.7	13.46	120.3	14.55	127.9	15.69	143.6	17.52	159.4	19.44
	14	81.1	9.62	96.9	11.62	112.7	13.74	120.3	14.84	127.9	15.98	143.6	17.86	159.4	19.83
	16	81.1	9.79	96.9	11.85	112.7	14.03	120.3	15.11	127.9	16.27	143.6	18.20	159.4	20.18
	18	81.1	9.97	96.9	12.09	112.7	14.26	120.3	15.46	127.9	16.61	143.6	18.59	159.4	21.19
	20	81.1	10.13	96.9	12.31	112.7	14.55	120.3	15.75	127.9	17.23	143.6	19.90	159.4	22.20
	21	81.1	10.25	96.9	12.43	112.7	14.84	120.3	16.27	127.9	17.86	143.6	20.22	159.4	22.71
	23	81.1	10.48	96.9	12.94	112.7	15.86	120.3	17.46	127.9	19.13	143.6	21.44	157.2	23.78
	25	81.1	11.00	96.9	13.80	112.7	16.95	120.3	18.67	127.9	20.45	143.6	22.93	154.9	24.79
	27	81.1	11.74	96.9	14.71	112.7	18.10	120.3	19.93	127.9	21.88	143.6	24.38	152.6	25.95
	29	81.1	12.43	96.9	15.69	112.7	19.35	120.3	21.30	127.9	23.36	143.6	25.82	150.3	27.00
	31	81.1	13.23	96.9	16.72	112.7	20.61	120.3	22.68	127.9	24.90	143.6	27.11	148.1	28.05
	33	81.1	14.08	96.9	17.81	112.7	21.99	120.3	24.16	127.9	26.42	143.6	28.43	145.8	29.10
	35	81.1	14.95	96.9	18.89	112.7	23.36	120.3	25.77	127.9	28.01	141.2	30.06	143.5	30.74
	37	81.1	15.86	96.9	20.10	112.7	24.92	120.3	27.38	127.9	29.57	138.9	31.42	141.2	32.12
	39	81.1	16.79	96.9	21.37	112.7	26.37	120.3	29.13	127.9	31.09	136.6	33.12	139.0	33.52
	41	79.0	18.79	94.4	23.70	109.7	28.94	117.2	31.85	124.6	33.57	130.9	34.91	133.2	35.71
	43	77.1	20.29	92.0	25.61	107.0	31.61	114.2	34.31	121.5	36.00	125.5	37.37	127.7	37.84
	46	72.2	22.83	86.3	29.17	100.3	36.01	107.0	38.89	110.4	39.99	114.6	41.03	116.7	41.09
	48	63.9	19.96	76.4	25.51	88.7	31.51	94.7	33.93	95.9	34.46	99.6	35.32	101.5	35.36
80	10	72.0	7.78	85.9	9.35	99.7	10.97	106.8	11.83	114.0	12.70	127.9	14.49	141.7	15.72
	12	72.0	7.94	85.9	9.46	99.7	11.18	106.8	12.05	114.0	12.92	127.9	14.75	141.7	16.03
	14	72.0	8.05	85.9	9.68	99.7	11.35	106.8	12.27	114.0	13.13	127.9	15.02	141.7	16.35
	16	72.0	8.16	85.9	9.84	99.7	11.56	106.8	12.48	114.0	13.40	127.9	15.34	141.7	16.66
	18	72.0	8.32	85.9	10.00	99.7	11.78	106.8	12.70	114.0	13.67	127.9	15.62	141.7	17.02
	20	72.0	8.48	85.9	10.22	99.7	12.05	106.8	12.97	114.0	13.95	127.9	16.21	141.7	18.04
	21	72.0	8.54	85.9	10.33	99.7	12.16	106.8	13.13	114.0	14.27	127.9	16.72	141.7	18.51
	23	72.0	8.70	85.9	10.48	99.7	12.70	106.8	13.95	114.0	15.24	127.9	17.66	141.7	19.43
	25	72.0	9.03	85.9	11.18	99.7	13.62	106.8	14.91	114.0	16.32	127.9	18.90	141.7	20.77
	27	72.0	9.57	85.9	11.89	99.7	14.54	106.8	15.94	114.0	17.40	127.9	20.08	141.7	21.86
	29	72.0	10.16	85.9	12.70	99.7	15.45	106.8	16.97	114.0	18.59	127.9	21.51	141.7	23.39
	31	72.0	10.80	85.9	13.46	99.7	16.48	106.8	18.11	114.0	19.78	127.9	22.83	141.7	24.57
	33	72.0	11.45	85.9	14.38	99.7	17.57	106.8	19.29	114.0	21.08	127.9	24.06	141.7	25.76
	35	72.0	12.16	85.9	15.24	99.7	18.70	106.8	20.53	114.0	22.48	127.9	25.51	140.2	26.69
	37	72.0	12.86	85.9	16.21	99.7	19.83	106.8	21.83	114.0	23.88	127.9	26.92	138.0	27.90
	39	72.0	13.59	85.9	17.13	99.7	21.22	106.8	23.47	114.0	25.67	127.9	28.44	135.7	29.44
	41	70.2	15.04	83.7	18.98	97.1	23.28	104.1	25.73	111.1	28.20	124.6	31.65	130.0	32.62
	43	68.4	16.55	81.6	20.71	94.8	25.42	101.5	28.04	108.3	30.83	121.5	33.87	124.6	34.92
	46	64.2	18.42	76.4	23.34	88.8	28.64	95.2	31.21	101.5	34.78	111.2	36.98	113.8	37.56
	48	56.8	16.08	67.7	20.40	78.5	25.04	84.2	27.26	89.9	30.45	96.5	32.00	98.8	32.33

7. Capacity Tables

Cooling Capacity (38RT)

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	62.9	6.80	75.4	8.08	87.3	9.37	93.5	10.12	99.7	10.82	111.7	12.32	124.1	13.78
	12	62.9	6.91	75.4	8.19	87.3	9.59	93.5	10.28	99.7	11.03	111.7	12.53	124.1	14.03
	14	62.9	7.02	75.4	8.30	87.3	9.75	93.5	10.44	99.7	11.19	111.7	12.80	124.1	14.29
	16	62.9	7.12	75.4	8.46	87.3	9.91	93.5	10.65	99.7	11.41	111.7	13.01	124.1	14.60
	18	62.9	7.23	75.4	8.62	87.3	10.12	93.5	10.87	99.7	11.62	111.7	13.22	124.1	14.85
	20	62.9	7.34	75.4	8.79	87.3	10.28	93.5	11.09	99.7	11.88	111.7	13.55	124.1	15.42
	21	62.9	7.45	75.4	8.84	87.3	10.38	93.5	11.19	99.7	11.99	111.7	13.76	124.1	15.75
	23	62.9	7.55	75.4	9.05	87.3	10.60	93.5	11.56	99.7	12.59	111.7	14.72	124.1	16.62
	25	62.9	7.65	75.4	9.37	87.3	11.30	93.5	12.37	99.7	13.44	111.7	15.74	124.1	17.44
	27	62.9	8.08	75.4	10.02	87.3	12.05	93.5	13.12	99.7	14.35	111.7	16.82	124.1	18.52
	29	62.9	8.62	75.4	10.60	87.3	12.80	93.5	13.98	99.7	15.26	111.7	17.94	124.1	19.85
	31	62.9	9.15	75.4	11.30	87.3	13.65	93.5	14.94	99.7	16.28	111.7	19.12	124.1	21.07
	33	62.9	9.69	75.4	11.94	87.3	14.51	93.5	15.85	99.7	17.29	111.7	20.35	124.1	22.43
	35	62.9	10.22	75.4	12.75	87.3	15.42	93.5	16.87	99.7	18.42	111.7	21.69	124.1	23.78
	37	62.9	10.87	75.4	13.50	87.3	16.39	93.5	17.94	99.7	19.60	111.7	23.08	124.1	25.09
	39	62.9	11.54	75.4	14.40	87.3	17.52	93.5	19.30	99.7	21.17	111.7	24.70	124.1	27.05
	41	61.4	12.77	73.5	15.77	85.1	19.22	91.2	21.16	97.1	23.02	108.7	27.13	120.9	29.19
	43	59.9	13.89	71.6	17.18	83.0	20.97	88.9	23.08	94.8	25.14	106.1	29.64	117.9	31.56
	46	56.1	15.44	67.1	19.32	77.7	23.62	83.3	25.71	88.8	28.33	99.4	33.42	110.4	35.17
	48	49.6	13.47	59.4	16.88	68.8	20.64	73.7	22.47	78.5	24.78	88.0	29.25	97.7	30.44
60	10	53.9	5.84	64.4	6.85	74.9	7.96	80.2	8.54	85.4	9.07	95.9	10.29	106.4	11.52
	12	53.9	5.95	64.4	6.95	74.9	8.06	80.2	8.64	85.4	9.24	95.9	10.45	106.4	11.72
	14	53.9	6.00	64.4	7.05	74.9	8.23	80.2	8.81	85.4	9.39	95.9	10.67	106.4	11.93
	16	53.9	6.10	64.4	7.21	74.9	8.33	80.2	8.97	85.4	9.60	95.9	10.88	106.4	12.15
	18	53.9	6.20	64.4	7.32	74.9	8.48	80.2	9.13	85.4	9.76	95.9	11.03	106.4	12.42
	20	53.9	6.31	64.4	7.43	74.9	8.64	80.2	9.28	85.4	9.92	95.9	11.25	106.4	12.68
	21	53.9	6.37	64.4	7.48	74.9	8.75	80.2	9.39	85.4	10.03	95.9	11.41	106.4	12.78
	23	53.9	6.47	64.4	7.64	74.9	8.86	80.2	9.55	85.4	10.24	95.9	11.83	106.4	13.58
	25	53.9	6.58	64.4	7.80	74.9	9.24	80.2	10.03	85.4	10.88	95.9	12.62	106.4	14.54
	27	53.9	6.79	64.4	8.23	74.9	9.82	80.2	10.67	85.4	11.57	95.9	13.42	106.4	15.49
	29	53.9	7.21	64.4	8.75	74.9	10.45	80.2	11.35	85.4	12.31	95.9	14.32	106.4	16.55
	31	53.9	7.64	64.4	9.28	74.9	11.09	80.2	12.10	85.4	13.11	95.9	15.28	106.4	17.61
	33	53.9	8.06	64.4	9.82	74.9	11.77	80.2	12.84	85.4	13.96	95.9	16.24	106.4	18.78
	35	53.9	8.54	64.4	10.45	74.9	12.52	80.2	13.63	85.4	14.81	95.9	17.30	106.4	19.95
	37	53.9	9.02	64.4	11.03	74.9	13.27	80.2	14.48	85.4	15.71	95.9	18.35	106.4	21.22
	39	53.9	9.59	64.4	11.75	74.9	14.32	80.2	15.53	85.4	16.90	95.9	19.69	106.4	22.74
	41	52.5	10.40	62.7	12.85	73.0	15.55	78.1	16.98	83.2	18.35	93.5	21.60	103.7	24.71
	43	51.3	11.30	61.2	13.99	71.2	16.94	76.2	18.50	81.2	20.00	91.2	23.58	101.1	26.99
	46	48.1	12.66	57.4	15.71	66.7	19.06	71.4	20.79	76.0	22.51	85.4	26.56	94.8	30.75
	48	42.5	11.03	50.7	13.71	59.1	16.65	63.1	18.16	67.3	19.67	75.6	23.23	83.8	26.91
50	10	45.1	4.99	53.9	5.78	62.5	6.57	66.9	7.05	71.1	7.46	79.7	8.41	88.7	9.36
	12	45.1	5.04	53.9	5.84	62.5	6.67	66.9	7.14	71.1	7.62	79.7	8.57	88.7	9.51
	14	45.1	5.10	53.9	5.94	62.5	6.78	66.9	7.25	71.1	7.72	79.7	8.67	88.7	9.67
	16	45.1	5.20	53.9	6.04	62.5	6.89	66.9	7.41	71.1	7.83	79.7	8.83	88.7	9.83
	18	45.1	5.26	53.9	6.09	62.5	6.99	66.9	7.52	71.1	7.99	79.7	8.99	88.7	10.03
	20	45.1	5.31	53.9	6.20	62.5	7.14	66.9	7.62	71.1	8.15	79.7	9.15	88.7	10.25
	21	45.1	5.37	53.9	6.25	62.5	7.20	66.9	7.72	71.1	8.20	79.7	9.25	88.7	10.36
	23	45.1	5.46	53.9	6.36	62.5	7.30	66.9	7.83	71.1	8.35	79.7	9.41	88.7	10.56
	25	45.1	5.52	53.9	6.47	62.5	7.46	66.9	7.99	71.1	8.62	79.7	9.88	88.7	11.30
	27	45.1	5.62	53.9	6.67	62.5	7.88	66.9	8.51	71.1	9.15	79.7	10.56	88.7	12.04
	29	45.1	5.94	53.9	7.10	62.5	8.35	66.9	9.04	71.1	9.72	79.7	11.19	88.7	12.78
	31	45.1	6.25	53.9	7.52	62.5	8.88	66.9	9.56	71.1	10.36	79.7	11.93	88.7	13.61
	33	45.1	6.62	53.9	7.94	62.5	9.41	66.9	10.14	71.1	10.99	79.7	12.67	88.7	14.51
	35	45.1	6.99	53.9	8.41	62.5	9.94	66.9	10.77	71.1	11.62	79.7	13.40	88.7	15.40
	37	45.1	7.41	53.9	8.88	62.5	10.52	66.9	11.41	71.1	12.29	79.7	14.30	88.7	16.34
	39	45.1	7.90	53.9	9.52	62.5	11.26	66.9	12.27	71.1	13.20	79.7	15.22	88.7	17.66
	41	43.9	8.55	52.5	10.30	60.9	12.31	65.1	13.30	69.3	14.30	77.7	16.69	86.5	19.18
	43	42.8	9.29	51.3	11.21	59.4	13.40	63.5	14.48	67.6	15.56	75.7	18.20	84.4	20.91
	46	40.1	10.41	48.1	12.58	55.7	15.04	59.5	16.26	63.3	17.48	70.9	20.48	79.0	23.55
	48	35.5	9.07	42.5	10.97	49.2	13.11	52.6	14.19	56.0	15.25	62.7	17.90	69.9	20.59

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

◆ ARUV480BTE5 / ARUV480DTE5

Cooling Capacity (40RT)

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	139.2	16.28	165.8	19.90	177.8	23.10	182.8	23.56	188.0	23.76	197.0	23.94	202.0	24.04
	12	139.2	16.70	165.8	20.62	177.8	24.04	182.8	24.20	188.0	24.40	197.0	24.58	202.0	24.80
	14	139.2	17.26	165.8	21.36	177.8	24.94	182.8	25.12	188.0	25.34	197.0	25.54	202.0	25.76
	16	139.2	17.88	165.8	22.12	177.8	26.06	182.8	26.30	188.0	26.52	197.0	26.76	202.0	26.96
	18	139.2	18.64	165.8	23.38	177.8	27.26	182.8	27.86	188.0	28.08	197.0	28.36	202.0	28.54
	20	139.2	19.46	165.8	24.92	177.8	28.60	182.8	30.64	188.0	30.88	194.2	31.18	199.2	31.40
	21	139.2	19.96	165.8	25.80	177.8	29.20	182.8	32.42	188.0	32.68	193.0	33.00	198.2	33.24
	23	139.2	21.42	165.8	27.14	177.8	30.72	182.8	35.78	185.6	36.06	190.2	36.42	195.2	36.66
	25	139.2	22.88	165.8	28.70	177.8	32.84	180.6	39.68	182.8	40.00	188.0	40.38	193.0	40.66
	27	139.2	24.48	165.8	30.68	175.6	34.98	177.8	43.68	180.6	44.02	185.6	44.46	190.2	44.76
	29	139.2	26.08	165.8	32.80	172.6	37.64	175.2	48.00	177.8	48.28	182.8	48.72	188.0	48.92
	31	139.2	27.84	165.4	34.54	169.8	40.04	172.6	47.80	175.2	48.08	180.0	48.52	185.0	48.70
	33	139.2	29.66	162.4	36.60	167.6	42.94	170.2	47.36	172.6	47.64	177.8	48.08	182.2	48.26
	35	139.2	31.62	159.6	38.34	164.6	46.52	167.6	46.74	170.2	47.02	174.8	47.44	180.0	47.64
	37	139.2	33.72	157.4	40.22	162.4	45.90	164.6	46.12	167.6	46.40	172.2	46.82	177.2	47.00
	39	139.2	35.90	154.6	42.34	159.6	45.28	162.4	45.52	164.6	45.78	169.8	46.20	174.8	46.38
	41	135.6	38.10	148.2	44.46	153.2	44.66	155.4	44.90	158.4	45.16	163.2	45.56	167.6	45.74
	43	132.4	40.18	142.0	43.84	146.8	44.06	149.2	44.28	152.2	44.54	156.8	44.94	161.0	45.12
	46	124.0	43.00	129.6	42.92	134.2	43.14	136.4	43.34	139.2	43.60	143.6	44.00	147.4	44.18
	48	109.8	41.80	112.4	41.94	116.6	42.02	118.6	42.14	121.0	42.50	125.0	42.76	128.4	42.94
120	10	126.0	14.66	149.8	17.96	163.8	21.36	168.8	23.08	173.8	23.44	183.2	23.54	187.6	23.72
	12	126.0	15.06	149.8	18.58	163.8	22.22	168.8	23.56	173.8	24.30	183.2	24.60	187.6	24.80
	14	126.0	15.56	149.8	19.20	163.8	23.10	168.8	24.46	173.8	25.20	183.2	25.58	187.6	25.78
	16	126.0	16.12	149.8	20.00	163.8	24.00	168.8	25.38	173.8	26.36	183.2	26.68	187.6	26.90
	18	126.0	16.76	149.8	20.90	163.8	24.96	168.8	26.70	173.8	27.72	183.2	28.04	187.6	28.26
	20	126.0	17.40	149.8	22.16	163.8	26.30	168.8	28.10	173.8	29.18	183.2	29.56	187.6	29.80
	21	126.0	17.92	149.8	22.96	163.8	27.04	168.8	28.94	173.8	30.14	183.2	30.52	187.6	30.78
	23	126.0	19.16	149.8	24.56	163.8	28.98	168.8	30.74	173.8	32.14	183.2	32.46	187.6	32.72
	25	126.0	20.48	149.8	26.30	163.8	30.56	168.8	32.78	173.8	34.46	181.0	34.76	185.4	35.04
	27	126.0	21.86	149.8	28.12	163.8	32.52	168.8	35.02	173.8	37.04	178.2	37.28	182.6	37.58
	29	126.0	23.32	149.8	30.02	163.8	34.22	168.8	37.48	171.0	39.48	175.4	40.06	180.4	40.38
	31	126.0	24.84	149.8	32.06	163.8	36.00	166.6	40.14	168.8	42.34	173.2	43.10	177.6	43.44
	33	126.0	26.46	149.8	34.18	161.6	38.08	163.8	43.58	166.0	45.46	170.4	45.98	174.8	46.34
	35	126.0	28.12	149.8	36.44	158.8	40.30	161.0	48.00	163.8	48.24	168.2	48.38	172.6	48.76
	37	126.0	30.26	149.8	38.44	156.4	42.96	158.8	47.00	161.0	47.22	165.4	47.36	169.8	47.74
	39	126.0	32.56	149.4	40.64	153.8	45.58	156.0	46.02	158.2	46.26	163.2	46.40	167.6	46.76
	41	122.8	34.88	142.8	42.82	147.6	44.68	149.6	45.06	151.8	45.28	156.2	45.42	160.8	45.78
	43	119.8	37.24	136.8	42.20	141.6	43.68	143.6	44.10	145.8	44.32	150.0	44.44	154.4	44.80
	46	112.2	40.04	124.8	41.20	129.2	42.30	131.2	42.64	133.2	42.86	137.2	42.98	141.2	43.32
	48	99.2	39.22	108.4	40.46	112.4	41.48	114.0	41.72	115.8	41.86	119.4	42.02	123.0	42.20
110	10	112.8	13.18	134.6	16.06	150.4	19.08	154.6	20.66	164.4	22.24	168.2	22.84	179.6	23.22
	12	112.8	13.60	134.6	16.60	150.4	19.88	154.6	21.24	164.4	23.06	168.2	23.80	179.6	24.36
	14	112.8	14.02	134.6	17.36	150.4	20.78	154.6	22.30	164.4	24.22	168.2	24.92	179.6	25.44
	16	112.8	14.52	134.6	17.98	150.4	21.64	154.6	23.26	164.4	25.34	168.2	26.04	179.6	26.50
	18	112.8	15.06	134.6	18.74	150.4	22.88	154.6	24.50	164.4	26.74	168.2	27.26	179.6	27.78
	20	112.8	15.60	134.6	19.68	150.4	24.26	154.6	25.62	164.4	28.04	168.2	28.72	179.6	29.18
	21	112.8	15.94	134.6	20.26	150.4	24.88	154.6	26.32	164.4	28.82	168.2	29.54	179.6	30.00
	23	112.8	16.98	134.6	21.72	150.4	26.28	154.6	27.78	164.4	30.44	168.2	31.10	179.6	31.60
	25	112.8	18.14	134.6	23.18	150.4	27.76	154.6	29.36	164.4	32.16	168.2	32.62	177.4	33.28
	27	112.8	19.38	134.6	24.78	150.4	29.34	154.6	31.08	164.4	33.58	168.2	34.36	174.8	34.94
	29	112.8	20.70	134.6	26.46	150.4	31.00	154.6	32.92	164.4	35.50	168.2	36.10	172.6	36.66
	31	112.8	22.00	134.6	28.20	150.4	32.76	154.6	34.88	161.8	37.30	166.0	38.02	169.8	38.42
	33	112.8	23.46	134.6	30.02	150.4	34.60	154.6	36.96	159.6	39.38	163.4	40.04	167.6	40.26
	35	112.8	24.92	134.6	32.06	150.4	36.56	154.6	39.16	156.8	41.56	160.6	41.96	165.0	42.16
	37	112.8	26.42	134.6	34.02	150.4	38.58	152.4	41.48	154.2	43.84	158.4	44.00	162.2	44.12
	39	112.8	28.48	134.6	36.16	147.6	40.72	149.8	44.38	152.0	46.02	155.8	46.10	160.2	46.14
	41	110.0	30.54	131.2	38.30	141.2	42.94	143.4	48.00	145.4	48.00	149.6	48.38	153.4	48.76
	43	107.2	32.06	127.8	39.90	135.4	45.54	137.6	46.04	139.4	45.94	143.6	46.20	147.2	46.34
	46	100.6	31.30	119.8	38.52	123.6	43.22	125.6	43.20	127.4	43.58	131.2	43.82	134.6	43.94
	48	89.0	30.40	104.2	37.10	107.4	41.12	109.2	41.38	110.6	41.58	114.2	41.70	117.2	41.88

7. Capacity Tables

Cooling Capacity (40RT)

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	95.0	11.86	113.0	14.42	131.6	17.12	140.6	18.50	149.6	19.88	166.0	22.12	169.6	22.30
	12	95.0	12.24	113.0	15.02	131.6	17.70	140.6	19.00	149.6	20.50	166.0	23.30	169.6	23.54
	14	95.0	12.64	113.0	15.62	131.6	18.44	140.6	19.82	149.6	21.38	166.0	24.62	169.6	24.84
	16	95.0	13.02	113.0	16.14	131.6	19.22	140.6	20.76	149.6	22.54	166.0	25.80	169.6	26.16
	18	95.0	13.40	113.0	16.74	131.6	19.98	140.6	21.76	149.6	23.90	166.0	27.26	169.6	27.48
	20	95.0	13.88	113.0	17.36	131.6	21.14	140.6	23.32	149.6	25.58	166.0	28.56	169.6	28.80
	21	95.0	14.16	113.0	17.78	131.6	21.86	140.6	24.12	149.6	26.52	166.0	29.22	169.6	29.46
	23	95.0	15.02	113.0	19.02	131.6	23.46	140.6	25.86	149.6	28.42	166.0	30.60	169.6	30.84
	25	95.0	15.96	113.0	20.26	131.6	25.06	140.6	27.68	149.6	30.38	166.0	31.90	168.2	32.16
	27	95.0	17.06	113.0	21.64	131.6	26.82	140.6	29.58	149.6	32.30	162.6	33.40	166.2	33.66
	29	95.0	18.14	113.0	23.10	131.6	28.64	140.6	31.62	149.6	34.20	159.6	34.74	163.6	35.02
	31	95.0	19.38	113.0	24.62	131.6	30.54	140.6	33.74	149.6	35.92	157.2	36.10	161.0	36.38
	33	95.0	20.54	113.0	26.24	131.6	32.58	140.6	36.00	149.6	37.28	154.8	37.44	158.6	37.74
	35	95.0	21.86	113.0	27.90	131.6	34.68	140.6	38.40	147.4	38.64	152.0	38.78	155.8	39.10
	37	95.0	23.42	113.0	29.94	131.6	36.74	140.6	40.22	145.0	40.42	149.2	40.58	152.6	40.96
	39	95.0	25.10	113.0	32.16	131.6	38.94	140.6	42.20	142.6	42.38	146.8	42.54	150.2	42.94
	41	93.4	26.78	111.2	34.38	129.4	41.12	135.0	44.16	137.8	44.34	141.2	44.50	145.6	44.90
	43	90.2	28.36	107.4	36.44	125.0	43.10	129.4	45.84	130.8	46.02	134.8	46.16	138.4	46.60
	46	84.6	30.50	100.6	39.28	117.2	45.70	118.2	48.00	119.4	48.14	123.2	48.28	126.6	48.74
	48	74.8	26.32	89.0	34.00	101.2	39.08	102.6	40.72	103.8	40.86	107.2	40.96	110.0	41.28
90	10	85.4	10.32	102.0	12.40	118.6	14.62	126.6	15.76	134.6	16.96	151.2	18.98	167.8	21.12
	12	85.4	10.44	102.0	12.60	118.6	14.88	126.6	16.08	134.6	17.34	151.2	19.36	167.8	21.48
	14	85.4	10.64	102.0	12.84	118.6	15.18	126.6	16.40	134.6	17.66	151.2	19.74	167.8	21.92
	16	85.4	10.82	102.0	13.10	118.6	15.50	126.6	16.70	134.6	17.98	151.2	20.12	167.8	22.30
	18	85.4	11.02	102.0	13.36	118.6	15.76	126.6	17.08	134.6	18.36	151.2	20.54	167.8	23.42
	20	85.4	11.20	102.0	13.60	118.6	16.08	126.6	17.40	134.6	19.04	151.2	22.00	167.8	24.54
	21	85.4	11.32	102.0	13.74	118.6	16.40	126.6	17.98	134.6	19.74	151.2	22.34	167.8	25.10
	23	85.4	11.58	102.0	14.30	118.6	17.52	126.6	19.30	134.6	21.14	151.2	23.70	165.4	26.28
	25	85.4	12.16	102.0	15.26	118.6	18.74	126.6	20.64	134.6	22.60	151.2	25.34	163.0	27.40
	27	85.4	12.98	102.0	16.26	118.6	20.00	126.6	22.02	134.6	24.18	151.2	26.94	160.6	28.68
	29	85.4	13.74	102.0	17.34	118.6	21.38	126.6	23.54	134.6	25.82	151.2	28.54	158.2	29.84
	31	85.4	14.62	102.0	18.48	118.6	22.78	126.6	25.06	134.6	27.52	151.2	29.96	155.8	31.00
	33	85.4	15.56	102.0	19.68	118.6	24.30	126.6	26.70	134.6	29.20	151.2	31.42	153.4	32.16
	35	85.4	16.52	102.0	20.88	118.6	25.82	126.6	28.48	134.6	30.96	148.6	33.22	151.0	33.98
	37	85.4	17.52	102.0	22.22	118.6	27.54	126.6	30.26	134.6	32.68	146.2	34.72	148.6	35.50
	39	85.4	18.56	102.0	23.62	118.6	29.14	126.6	32.20	134.6	34.36	143.8	36.60	146.2	37.04
	41	83.2	20.76	99.4	26.20	115.4	31.98	123.4	35.20	131.2	37.10	137.8	38.58	140.2	39.46
	43	81.2	22.42	96.8	28.30	112.6	34.94	120.2	37.92	127.8	39.78	132.0	41.30	134.4	41.82
	46	76.0	25.24	90.8	32.24	105.6	39.80	112.6	42.98	116.2	44.20	120.6	45.34	122.8	45.42
	48	67.2	22.06	80.4	28.20	93.4	34.82	99.6	37.50	101.0	38.08	104.8	39.04	106.8	39.08
80	10	75.8	8.60	90.4	10.34	105.0	12.12	112.4	13.08	120.0	14.04	134.6	16.02	149.2	17.38
	12	75.8	8.78	90.4	10.46	105.0	12.36	112.4	13.32	120.0	14.28	134.6	16.30	149.2	17.72
	14	75.8	8.90	90.4	10.70	105.0	12.54	112.4	13.56	120.0	14.52	134.6	16.60	149.2	18.08
	16	75.8	9.02	90.4	10.88	105.0	12.78	112.4	13.80	120.0	14.82	134.6	16.96	149.2	18.42
	18	75.8	9.20	90.4	11.06	105.0	13.02	112.4	14.04	120.0	15.12	134.6	17.26	149.2	18.82
	20	75.8	9.38	90.4	11.30	105.0	13.32	112.4	14.34	120.0	15.42	134.6	17.92	149.2	19.94
	21	75.8	9.44	90.4	11.42	105.0	13.44	112.4	14.52	120.0	15.78	134.6	18.48	149.2	20.46
	23	75.8	9.62	90.4	11.58	105.0	14.04	112.4	15.42	120.0	16.84	134.6	19.52	149.2	21.48
	25	75.8	9.98	90.4	12.36	105.0	15.06	112.4	16.48	120.0	18.04	134.6	20.90	149.2	22.96
	27	75.8	10.58	90.4	13.14	105.0	16.08	112.4	17.62	120.0	19.24	134.6	22.20	149.2	24.16
	29	75.8	11.24	90.4	14.04	105.0	17.08	112.4	18.76	120.0	20.56	134.6	23.78	149.2	25.86
	31	75.8	11.94	90.4	14.88	105.0	18.22	112.4	20.02	120.0	21.86	134.6	25.24	149.2	27.16
	33	75.8	12.66	90.4	15.90	105.0	19.42	112.4	21.32	120.0	23.30	134.6	26.60	149.2	28.48
	35	75.8	13.44	90.4	16.84	105.0	20.68	112.4	22.70	120.0	24.86	134.6	28.20	147.6	29.50
	37	75.8	14.22	90.4	17.92	105.0	21.92	112.4	24.14	120.0	26.40	134.6	29.76	145.2	30.84
	39	75.8	15.02	90.4	18.94	105.0	23.46	112.4	25.94	120.0	28.38	134.6	31.44	142.8	32.54
	41	73.8	16.62	88.0	20.98	102.2	25.74	109.6	28.44	117.0	31.18	131.2	34.98	136.8	36.06
	43	72.0	18.30	85.8	22.90	99.8	28.10	106.8	31.00	114.0	34.08	127.8	37.44	131.2	38.60
	46	67.6	20.36	80.4	25.80	93.4	31.66	100.2	34.50	106.8	38.44	117.0	40.88	119.8	41.52
	48	59.8	17.78	71.2	22.56	82.6	27.68	88.6	30.14	94.6	33.66	101.6	35.38	104.0	35.74

7. Capacity Tables

Cooling Capacity (40RT)

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	66.2	7.52	79.4	8.94	91.8	10.36	98.4	11.20	105.0	11.96	117.6	13.62	130.6	15.24
	12	66.2	7.64	79.4	9.06	91.8	10.60	98.4	11.36	105.0	12.20	117.6	13.86	130.6	15.52
	14	66.2	7.76	79.4	9.18	91.8	10.78	98.4	11.54	105.0	12.38	117.6	14.16	130.6	15.80
	16	66.2	7.88	79.4	9.36	91.8	10.96	98.4	11.78	105.0	12.62	117.6	14.38	130.6	16.14
	18	66.2	8.00	79.4	9.54	91.8	11.20	98.4	12.02	105.0	12.84	117.6	14.62	130.6	16.42
	20	66.2	8.12	79.4	9.72	91.8	11.36	98.4	12.26	105.0	13.14	117.6	14.98	130.6	17.06
	21	66.2	8.24	79.4	9.78	91.8	11.48	98.4	12.38	105.0	13.26	117.6	15.22	130.6	17.42
	23	66.2	8.34	79.4	10.00	91.8	11.72	98.4	12.78	105.0	13.92	117.6	16.28	130.6	18.38
	25	66.2	8.46	79.4	10.36	91.8	12.50	98.4	13.68	105.0	14.86	117.6	17.40	130.6	19.28
	27	66.2	8.94	79.4	11.08	91.8	13.32	98.4	14.50	105.0	15.86	117.6	18.60	130.6	20.48
	29	66.2	9.54	79.4	11.72	91.8	14.16	98.4	15.46	105.0	16.88	117.6	19.84	130.6	21.96
	31	66.2	10.12	79.4	12.50	91.8	15.10	98.4	16.52	105.0	18.00	117.6	21.14	130.6	23.30
	33	66.2	10.72	79.4	13.20	91.8	16.04	98.4	17.52	105.0	19.12	117.6	22.50	130.6	24.80
	35	66.2	11.30	79.4	14.10	91.8	17.06	98.4	18.66	105.0	20.36	117.6	23.98	130.6	26.30
	37	66.2	12.02	79.4	14.92	91.8	18.12	98.4	19.84	105.0	21.68	117.6	25.52	130.6	27.74
	39	66.2	12.76	79.4	15.92	91.8	19.38	98.4	21.34	105.0	23.42	117.6	27.32	130.6	29.92
	41	64.6	14.12	77.4	17.44	89.6	21.26	96.0	23.40	102.2	25.46	114.4	30.00	127.2	32.28
	43	63.0	15.36	75.4	19.00	87.4	23.18	93.6	25.52	99.8	27.80	111.6	32.78	124.0	34.90
	46	59.0	17.08	70.6	21.36	81.8	26.12	87.6	28.44	93.4	31.32	104.6	36.96	116.2	38.90
	48	52.2	14.90	62.6	18.66	72.4	22.82	77.6	24.84	82.6	27.40	92.6	32.34	102.8	33.66
60	10	56.8	6.46	67.8	7.58	78.8	8.80	84.4	9.44	89.8	10.04	101.0	11.38	112.0	12.74
	12	56.8	6.58	67.8	7.68	78.8	8.92	84.4	9.56	89.8	10.22	101.0	11.56	112.0	12.96
	14	56.8	6.64	67.8	7.80	78.8	9.10	84.4	9.74	89.8	10.38	101.0	11.80	112.0	13.20
	16	56.8	6.74	67.8	7.98	78.8	9.22	84.4	9.92	89.8	10.62	101.0	12.04	112.0	13.44
	18	56.8	6.86	67.8	8.10	78.8	9.38	84.4	10.10	89.8	10.80	101.0	12.20	112.0	13.74
	20	56.8	6.98	67.8	8.22	78.8	9.56	84.4	10.26	89.8	10.98	101.0	12.44	112.0	14.02
	21	56.8	7.04	67.8	8.28	78.8	9.68	84.4	10.38	89.8	11.10	101.0	12.62	112.0	14.14
	23	56.8	7.16	67.8	8.46	78.8	9.80	84.4	10.56	89.8	11.32	101.0	13.08	112.0	15.02
	25	56.8	7.28	67.8	8.62	78.8	10.22	84.4	11.10	89.8	12.04	101.0	13.96	112.0	16.08
	27	56.8	7.52	67.8	9.10	78.8	10.86	84.4	11.80	89.8	12.80	101.0	14.84	112.0	17.14
	29	56.8	7.98	67.8	9.68	78.8	11.56	84.4	12.56	89.8	13.62	101.0	15.84	112.0	18.30
	31	56.8	8.46	67.8	10.26	78.8	12.26	84.4	13.38	89.8	14.50	101.0	16.90	112.0	19.48
	33	56.8	8.92	67.8	10.86	78.8	13.02	84.4	14.20	89.8	15.44	101.0	17.96	112.0	20.78
	35	56.8	9.44	67.8	11.56	78.8	13.84	84.4	15.08	89.8	16.38	101.0	19.14	112.0	22.06
	37	56.8	9.98	67.8	12.20	78.8	14.68	84.4	16.02	89.8	17.38	101.0	20.30	112.0	23.48
	39	56.8	10.60	67.8	13.00	78.8	15.84	84.4	17.18	89.8	18.70	101.0	21.78	112.0	25.16
	41	55.2	11.50	66.0	14.22	76.8	17.20	82.2	18.78	87.6	20.30	98.4	23.90	109.2	27.34
	43	54.0	12.50	64.4	15.48	75.0	18.74	80.2	20.46	85.4	22.12	96.0	26.08	106.4	29.86
	46	50.6	14.00	60.4	17.38	70.2	21.08	75.2	23.00	80.0	24.90	89.8	29.38	99.8	34.02
	48	44.8	12.20	53.4	15.16	62.2	18.42	66.4	20.08	70.8	21.76	79.6	25.70	88.2	29.76
50	10	47.4	5.52	56.8	6.40	65.8	7.26	70.4	7.80	74.8	8.26	83.8	9.30	93.4	10.36
	12	47.4	5.58	56.8	6.46	65.8	7.38	70.4	7.90	74.8	8.44	83.8	9.48	93.4	10.52
	14	47.4	5.64	56.8	6.58	65.8	7.50	70.4	8.02	74.8	8.54	83.8	9.60	93.4	10.70
	16	47.4	5.76	56.8	6.68	65.8	7.62	70.4	8.20	74.8	8.66	83.8	9.78	93.4	10.88
	18	47.4	5.82	56.8	6.74	65.8	7.74	70.4	8.32	74.8	8.84	83.8	9.94	93.4	11.10
	20	47.4	5.88	56.8	6.86	65.8	7.90	70.4	8.44	74.8	9.02	83.8	10.12	93.4	11.34
	21	47.4	5.94	56.8	6.92	65.8	7.96	70.4	8.54	74.8	9.08	83.8	10.24	93.4	11.46
	23	47.4	6.04	56.8	7.04	65.8	8.08	70.4	8.66	74.8	9.24	83.8	10.42	93.4	11.68
	25	47.4	6.10	56.8	7.16	65.8	8.26	70.4	8.84	74.8	9.54	83.8	10.94	93.4	12.50
	27	47.4	6.22	56.8	7.38	65.8	8.72	70.4	9.42	74.8	10.12	83.8	11.68	93.4	13.32
	29	47.4	6.58	56.8	7.86	65.8	9.24	70.4	10.00	74.8	10.76	83.8	12.38	93.4	14.14
	31	47.4	6.92	56.8	8.32	65.8	9.82	70.4	10.58	74.8	11.46	83.8	13.20	93.4	15.06
	33	47.4	7.32	56.8	8.78	65.8	10.42	70.4	11.22	74.8	12.16	83.8	14.02	93.4	16.06
	35	47.4	7.74	56.8	9.30	65.8	11.00	70.4	11.92	74.8	12.86	83.8	14.82	93.4	17.04
	37	47.4	8.20	56.8	9.82	65.8	11.64	70.4	12.62	74.8	13.60	83.8	15.82	93.4	18.08
	39	47.4	8.74	56.8	10.54	65.8	12.46	70.4	13.58	74.8	14.60	83.8	16.84	93.4	19.54
	41	46.2	9.46	55.2	11.40	64.0	13.62	68.6	14.72	73.0	15.82	81.8	18.46	91.0	21.22
	43	45.0	10.28	54.0	12.40	62.6	14.82	66.8	16.02	71.2	17.22	79.6	20.14	88.8	23.14
	46	42.2	11.52	50.6	13.92	58.6	16.64	62.6	18.00	66.6	19.34	74.6	22.66	83.2	26.06
	48	37.4	10.04	44.8	12.14	51.8	14.50	55.4	15.70	59.0	16.88	66.0	19.80	73.6	22.78

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

7.1.3 3 Units Combination

◆ ARUV504BTE5 / ARUV504DTE5

Cooling Capacity (42RT)

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	146.3	16.13	174.2	19.71	186.7	22.88	192.1	23.33	197.5	23.52	206.9	23.71	212.3	23.81
	12	146.3	16.54	174.2	20.42	186.7	23.81	192.1	23.96	197.5	24.17	206.9	24.35	212.3	24.57
	14	146.3	17.09	174.2	21.16	186.7	24.70	192.1	24.88	197.5	25.09	206.9	25.29	212.3	25.51
	16	146.3	17.71	174.2	21.90	186.7	25.82	192.1	26.05	197.5	26.27	206.9	26.50	212.3	26.71
	18	146.3	18.46	174.2	23.16	186.7	27.00	192.1	27.58	197.5	27.80	206.9	28.08	212.3	28.27
	20	146.3	19.27	174.2	24.68	186.7	28.33	192.1	30.34	197.5	30.58	204.0	30.88	209.3	31.10
	21	146.3	19.77	174.2	25.55	186.7	28.92	192.1	32.10	197.5	32.36	202.7	32.68	208.2	32.91
	23	146.3	21.22	174.2	26.87	186.7	30.43	192.1	35.43	195.0	35.71	199.8	36.07	205.1	36.31
	25	146.3	22.66	174.2	28.42	186.7	32.52	189.7	39.29	192.1	39.61	197.5	39.99	202.7	40.27
	27	146.3	24.25	174.2	30.38	184.4	34.64	186.7	43.26	189.7	43.60	195.0	44.03	199.8	44.33
	29	146.3	25.83	174.2	32.48	181.3	37.28	184.1	47.54	186.7	47.82	192.1	48.25	197.5	48.45
	31	146.3	27.57	173.7	34.21	178.4	39.65	181.3	47.34	184.1	47.62	189.1	48.05	194.4	48.23
	33	146.3	29.37	170.7	36.25	176.0	42.53	178.8	46.91	181.3	47.19	186.7	47.61	191.4	47.80
	35	146.3	31.32	167.7	37.96	172.9	46.07	176.0	46.29	178.8	46.57	183.7	46.98	189.1	47.18
	37	146.3	33.39	165.3	39.83	170.7	45.45	172.9	45.68	176.0	45.95	180.9	46.37	186.2	46.55
	39	146.3	35.56	162.4	41.93	167.7	44.85	170.7	45.08	172.9	45.34	178.4	45.75	183.7	45.93
	41	142.5	37.73	155.7	44.03	160.9	44.23	163.3	44.46	166.5	44.73	171.5	45.13	176.1	45.30
	43	139.0	39.79	149.1	43.41	154.3	43.63	156.7	43.85	159.9	44.11	164.8	44.51	169.1	44.69
	46	130.2	42.59	136.1	42.50	141.0	42.72	143.2	42.93	146.2	43.18	150.8	43.57	154.9	43.75
	48	115.3	41.40	118.2	41.53	122.5	41.61	124.6	41.73	127.1	42.09	131.3	42.35	134.9	42.53
120	10	132.3	14.52	157.4	17.79	172.0	21.15	177.2	22.85	182.5	23.21	192.5	23.31	197.1	23.50
	12	132.3	14.91	157.4	18.40	172.0	22.00	177.2	23.33	182.5	24.07	192.5	24.36	197.1	24.56
	14	132.3	15.41	157.4	19.02	172.0	22.88	177.2	24.22	182.5	24.95	192.5	25.33	197.1	25.53
	16	132.3	15.96	157.4	19.80	172.0	23.77	177.2	25.13	182.5	26.11	192.5	26.42	197.1	26.64
	18	132.3	16.59	157.4	20.69	172.0	24.72	177.2	26.45	182.5	27.45	192.5	27.76	197.1	27.98
	20	132.3	17.24	157.4	21.94	172.0	26.05	177.2	27.83	182.5	28.90	192.5	29.28	197.1	29.52
	21	132.3	17.75	157.4	22.74	172.0	26.78	177.2	28.66	182.5	29.85	192.5	30.23	197.1	30.48
	23	132.3	18.98	157.4	24.32	172.0	28.70	177.2	30.44	182.5	31.83	192.5	32.14	197.1	32.40
	25	132.3	20.28	157.4	26.05	172.0	30.26	177.2	32.46	182.5	34.13	190.1	34.42	194.7	34.69
	27	132.3	21.64	157.4	27.85	172.0	32.21	177.2	34.68	182.5	36.68	187.2	36.92	191.8	37.22
	29	132.3	23.10	157.4	29.73	172.0	33.89	177.2	37.11	179.6	39.10	184.2	39.68	189.5	39.99
	31	132.3	24.61	157.4	31.76	172.0	35.65	175.0	39.76	177.2	41.93	182.0	42.68	186.6	43.02
	33	132.3	26.20	157.4	33.84	169.7	37.71	172.0	43.16	174.3	45.02	179.0	45.54	183.7	45.90
	35	132.3	27.85	157.4	36.08	166.7	39.91	169.1	47.54	172.0	47.77	176.7	47.91	181.3	48.30
	37	132.3	29.96	157.4	38.07	164.4	42.55	166.7	46.54	169.1	46.77	173.7	46.91	178.4	47.28
	39	132.3	32.25	156.9	40.24	161.5	45.14	163.8	45.58	166.2	45.81	171.5	45.95	176.1	46.31
	41	129.0	34.55	150.0	42.41	155.1	44.25	157.2	44.63	159.5	44.85	164.1	44.99	168.8	45.34
	43	125.8	36.88	143.7	41.79	148.7	43.26	150.8	43.67	153.1	43.89	157.6	44.02	162.1	44.37
	46	117.9	39.65	131.0	40.80	135.8	41.89	137.8	42.23	139.9	42.45	144.1	42.57	148.4	42.90
	48	104.3	38.84	113.8	40.08	118.0	41.08	119.8	41.32	121.7	41.46	125.4	41.61	129.2	41.79
110	10	118.6	13.05	141.4	15.91	157.9	18.90	162.4	20.46	172.8	22.02	176.7	22.62	188.7	23.00
	12	118.6	13.46	141.4	16.44	157.9	19.68	162.4	21.04	172.8	22.84	176.7	23.58	188.7	24.13
	14	118.6	13.89	141.4	17.19	157.9	20.57	162.4	22.08	172.8	23.99	176.7	24.68	188.7	25.20
	16	118.6	14.38	141.4	17.81	157.9	21.42	162.4	23.04	172.8	25.10	176.7	25.79	188.7	26.24
	18	118.6	14.92	141.4	18.56	157.9	22.66	162.4	24.26	172.8	26.47	176.7	27.00	188.7	27.50
	20	118.6	15.45	141.4	19.49	157.9	24.03	162.4	25.38	172.8	27.76	176.7	28.45	188.7	28.90
	21	118.6	15.78	141.4	20.06	157.9	24.65	162.4	26.06	172.8	28.54	176.7	29.26	188.7	29.71
	23	118.6	16.81	141.4	21.51	157.9	26.02	162.4	27.52	172.8	30.15	176.7	30.80	188.7	31.29
	25	118.6	17.97	141.4	22.96	157.9	27.49	162.4	29.08	172.8	31.85	176.7	32.31	186.4	32.97
	27	118.6	19.20	141.4	24.54	157.9	29.05	162.4	30.78	172.8	33.26	176.7	34.02	183.7	34.60
	29	118.6	20.50	141.4	26.20	157.9	30.70	162.4	32.60	172.8	35.16	176.7	35.75	181.3	36.30
	31	118.6	21.79	141.4	27.93	157.9	32.44	162.4	34.54	169.9	36.94	174.4	37.66	178.4	38.06
	33	118.6	23.24	141.4	29.73	157.9	34.27	162.4	36.60	167.6	39.01	171.6	39.65	176.1	39.87
	35	118.6	24.68	141.4	31.76	157.9	36.20	162.4	38.78	164.8	41.16	168.7	41.55	173.3	41.75
	37	118.6	26.16	141.4	33.69	157.9	38.21	160.2	41.08	162.0	43.42	166.5	43.57	170.4	43.70
	39	118.6	28.20	141.4	35.81	155.1	40.32	157.3	43.95	159.6	45.58	163.6	45.65	168.3	45.69
	41	115.5	30.25	137.8	37.93	148.4	42.53	150.7	47.54	152.7	47.54	157.2	47.91	161.1	48.30
	43	112.7	31.76	134.3	39.51	142.2	45.10	144.6	45.59	146.4	45.50	150.8	45.76	154.6	45.89
	46	105.7	31.00	125.9	38.14	129.8	42.80	132.0	42.79	133.8	43.16	137.9	43.40	141.4	43.52
	48	93.5	30.11	109.5	36.74	112.8	40.72	114.8	40.98	116.2	41.19	120.0	41.30	123.1	41.47

7. Capacity Tables

Cooling Capacity (42RT)

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	99.8	11.75	118.7	14.29	138.2	16.95	147.7	18.32	157.2	19.68	174.3	21.90	178.1	22.08
	12	99.8	12.12	118.7	14.88	138.2	17.52	147.7	18.81	157.2	20.30	174.3	23.08	178.1	23.32
	14	99.8	12.52	118.7	15.47	138.2	18.27	147.7	19.62	157.2	21.18	174.3	24.38	178.1	24.61
	16	99.8	12.89	118.7	15.99	138.2	19.04	147.7	20.56	157.2	22.33	174.3	25.55	178.1	25.91
	18	99.8	13.27	118.7	16.58	138.2	19.79	147.7	21.55	157.2	23.67	174.3	27.00	178.1	27.21
	20	99.8	13.75	118.7	17.20	138.2	20.93	147.7	23.10	157.2	25.33	174.3	28.29	178.1	28.52
	21	99.8	14.03	118.7	17.61	138.2	21.64	147.7	23.88	157.2	26.27	174.3	28.94	178.1	29.18
	23	99.8	14.87	118.7	18.83	138.2	23.24	147.7	25.61	157.2	28.15	174.3	30.30	178.1	30.54
	25	99.8	15.81	118.7	20.06	138.2	24.82	147.7	27.42	157.2	30.09	174.3	31.59	176.7	31.85
	27	99.8	16.89	118.7	21.44	138.2	26.56	147.7	29.30	157.2	31.99	170.8	33.08	174.6	33.34
	29	99.8	17.97	118.7	22.88	138.2	28.37	147.7	31.32	157.2	33.87	167.7	34.41	171.9	34.68
	31	99.8	19.20	118.7	24.39	138.2	30.25	147.7	33.42	157.2	35.58	165.2	35.75	169.1	36.03
	33	99.8	20.34	118.7	25.98	138.2	32.26	147.7	35.65	157.2	36.92	162.5	37.08	166.6	37.37
	35	99.8	21.64	118.7	27.63	138.2	34.35	147.7	38.03	154.8	38.26	159.6	38.40	163.7	38.72
	37	99.8	23.19	118.7	29.64	138.2	36.38	147.7	39.84	152.3	40.03	156.7	40.19	160.3	40.57
	39	99.8	24.86	118.7	31.85	138.2	38.56	147.7	41.79	149.8	41.97	154.1	42.13	157.8	42.53
	41	98.1	26.53	116.8	34.05	136.0	40.72	141.8	43.74	144.8	43.92	148.3	44.07	153.0	44.47
	43	94.8	28.08	112.8	36.09	131.3	42.68	135.9	45.40	137.5	45.58	141.7	45.72	145.4	46.15
	46	88.9	30.21	105.7	38.91	123.1	45.26	124.1	47.54	125.4	47.68	129.4	47.82	133.0	48.27
	48	78.5	26.08	93.5	33.66	106.3	38.70	107.8	40.34	109.0	40.47	112.5	40.57	115.5	40.88
90	10	89.7	10.10	107.1	12.14	124.6	14.32	133.0	15.43	141.4	16.60	158.8	18.58	176.2	20.67
	12	89.7	10.22	107.1	12.33	124.6	14.56	133.0	15.74	141.4	16.97	158.8	18.96	176.2	21.03
	14	89.7	10.41	107.1	12.58	124.6	14.86	133.0	16.06	141.4	17.29	158.8	19.33	176.2	21.46
	16	89.7	10.59	107.1	12.82	124.6	15.18	133.0	16.36	141.4	17.60	158.8	19.69	176.2	21.83
	18	89.7	10.79	107.1	13.08	124.6	15.43	133.0	16.73	141.4	17.98	158.8	20.12	176.2	22.93
	20	89.7	10.97	107.1	13.32	124.6	15.74	133.0	17.04	141.4	18.65	158.8	21.53	176.2	24.02
	21	89.7	11.09	107.1	13.45	124.6	16.06	133.0	17.60	141.4	19.33	158.8	21.87	176.2	24.58
	23	89.7	11.34	107.1	14.00	124.6	17.16	133.0	18.89	141.4	20.70	158.8	23.21	173.7	25.74
	25	89.7	11.91	107.1	14.94	124.6	18.34	133.0	20.21	141.4	22.13	158.8	24.81	171.2	26.83
	27	89.7	12.71	107.1	15.92	124.6	19.58	133.0	21.56	141.4	23.67	158.8	26.38	168.7	28.08
	29	89.7	13.45	107.1	16.97	124.6	20.94	133.0	23.04	141.4	25.28	158.8	27.94	166.2	29.22
	31	89.7	14.32	107.1	18.09	124.6	22.31	133.0	24.54	141.4	26.95	158.8	29.33	163.7	30.35
	33	89.7	15.24	107.1	19.27	124.6	23.79	133.0	26.15	141.4	28.59	158.8	30.76	161.2	31.48
	35	89.7	16.17	107.1	20.44	124.6	25.28	133.0	27.89	141.4	30.31	156.1	32.53	158.6	33.26
	37	89.7	17.16	107.1	21.75	124.6	26.96	133.0	29.63	141.4	32.00	153.6	34.00	156.1	34.76
	39	89.7	18.17	107.1	23.13	124.6	28.53	133.0	31.52	141.4	33.65	151.0	35.84	153.6	36.27
	41	87.4	20.33	104.4	25.65	121.3	31.32	129.6	34.46	137.8	36.33	144.7	37.77	147.3	38.64
	43	85.2	21.95	101.8	27.71	118.3	34.20	126.3	37.13	134.3	38.95	138.7	40.44	141.3	40.94
	46	79.8	24.71	95.3	31.56	110.9	38.97	118.3	42.08	122.1	43.28	126.7	44.40	129.1	44.46
	48	70.6	21.60	84.4	27.61	98.1	34.09	104.7	36.72	106.1	37.29	110.1	38.22	112.1	38.26
80	10	79.7	8.50	94.9	10.23	110.3	11.99	118.2	12.94	126.0	13.89	141.4	15.83	156.7	17.19
	12	79.7	8.68	94.9	10.34	110.3	12.23	118.2	13.17	126.0	14.12	141.4	16.12	156.7	17.52
	14	79.7	8.80	94.9	10.58	110.3	12.41	118.2	13.41	126.0	14.36	141.4	16.42	156.7	17.87
	16	79.7	8.92	94.9	10.76	110.3	12.64	118.2	13.64	126.0	14.65	141.4	16.77	156.7	18.21
	18	79.7	9.10	94.9	10.93	110.3	12.88	118.2	13.89	126.0	14.95	141.4	17.07	156.7	18.61
	20	79.7	9.28	94.9	11.17	110.3	13.17	118.2	14.17	126.0	15.25	141.4	17.72	156.7	19.71
	21	79.7	9.33	94.9	11.29	110.3	13.29	118.2	14.36	126.0	15.60	141.4	18.28	156.7	20.24
	23	79.7	9.51	94.9	11.45	110.3	13.89	118.2	15.25	126.0	16.65	141.4	19.30	156.7	21.24
	25	79.7	9.86	94.9	12.23	110.3	14.89	118.2	16.30	126.0	17.84	141.4	20.66	156.7	22.70
	27	79.7	10.46	94.9	12.99	110.3	15.90	118.2	17.42	126.0	19.03	141.4	21.95	156.7	23.89
	29	79.7	11.11	94.9	13.89	110.3	16.89	118.2	18.55	126.0	20.32	141.4	23.52	156.7	25.57
	31	79.7	11.81	94.9	14.72	110.3	18.02	118.2	19.79	126.0	21.62	141.4	24.96	156.7	26.85
	33	79.7	12.52	94.9	15.72	110.3	19.20	118.2	21.08	126.0	23.04	141.4	26.30	156.7	28.16
	35	79.7	13.29	94.9	16.65	110.3	20.44	118.2	22.44	126.0	24.58	141.4	27.88	155.0	29.18
	37	79.7	14.06	94.9	17.72	110.3	21.68	118.2	23.87	126.0	26.10	141.4	29.42	152.5	30.50
	39	79.7	14.85	94.9	18.73	110.3	23.19	118.2	25.65	126.0	28.06	141.4	31.09	150.0	32.18
	41	77.6	16.43	92.4	20.74	107.4	25.45	115.1	28.13	122.9	30.83	137.8	34.59	143.7	35.66
	43	75.6	18.09	90.2	22.65	104.8	27.79	112.3	30.66	119.8	33.69	134.3	37.02	137.8	38.17
	46	71.0	20.13	84.6	25.50	98.2	31.31	105.3	34.11	112.3	38.02	122.9	40.42	125.8	41.06
	48	62.8	17.59	74.8	22.31	86.8	27.37	93.1	29.80	99.4	33.28	106.7	34.98	109.2	35.34

7. Capacity Tables

Cooling Capacity (42RT)

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	69.6	7.51	83.4	8.93	96.5	10.35	103.3	11.18	110.3	11.95	123.5	13.61	137.2	15.22
	12	69.6	7.63	83.4	9.05	96.5	10.59	103.3	11.35	110.3	12.18	123.5	13.84	137.2	15.50
	14	69.6	7.75	83.4	9.16	96.5	10.77	103.3	11.53	110.3	12.36	123.5	14.14	137.2	15.78
	16	69.6	7.87	83.4	9.35	96.5	10.94	103.3	11.77	110.3	12.60	123.5	14.37	137.2	16.12
	18	69.6	7.99	83.4	9.53	96.5	11.18	103.3	12.00	110.3	12.83	123.5	14.60	137.2	16.41
	20	69.6	8.10	83.4	9.70	96.5	11.35	103.3	12.25	110.3	13.13	123.5	14.97	137.2	17.03
	21	69.6	8.22	83.4	9.76	96.5	11.47	103.3	12.36	110.3	13.24	123.5	15.20	137.2	17.40
	23	69.6	8.33	83.4	9.99	96.5	11.71	103.3	12.77	110.3	13.90	123.5	16.26	137.2	18.36
	25	69.6	8.46	83.4	10.35	96.5	12.48	103.3	13.66	110.3	14.84	123.5	17.39	137.2	19.26
	27	69.6	8.93	83.4	11.06	96.5	13.31	103.3	14.48	110.3	15.84	123.5	18.57	137.2	20.46
	29	69.6	9.53	83.4	11.71	96.5	14.14	103.3	15.44	110.3	16.86	123.5	19.82	137.2	21.93
	31	69.6	10.11	83.4	12.48	96.5	15.08	103.3	16.50	110.3	17.97	123.5	21.11	137.2	23.27
	33	69.6	10.71	83.4	13.19	96.5	16.03	103.3	17.50	110.3	19.10	123.5	22.47	137.2	24.77
	35	69.6	11.29	83.4	14.08	96.5	17.03	103.3	18.63	110.3	20.34	123.5	23.95	137.2	26.26
	37	69.6	12.00	83.4	14.90	96.5	18.09	103.3	19.82	110.3	21.65	123.5	25.49	137.2	27.71
	39	69.6	12.75	83.4	15.90	96.5	19.36	103.3	21.31	110.3	23.38	123.5	27.28	137.2	29.88
	41	67.9	14.10	81.3	17.41	94.1	21.23	100.8	23.37	107.4	25.42	120.3	29.96	133.6	32.23
	43	66.2	15.35	79.2	18.98	91.8	23.15	98.3	25.49	104.8	27.76	117.3	32.73	130.3	34.85
	46	62.0	17.06	74.2	21.34	86.0	26.08	92.0	28.40	98.2	31.28	109.9	36.92	122.1	38.85
	48	54.9	14.88	65.7	18.64	76.0	22.80	81.5	24.81	86.8	27.37	97.3	32.30	108.1	33.62
60	10	59.6	6.52	71.2	7.65	82.8	8.88	88.6	9.53	94.4	10.12	106.1	11.48	117.6	12.85
	12	59.6	6.63	71.2	7.75	82.8	8.99	88.6	9.65	94.4	10.31	106.1	11.66	117.6	13.08
	14	59.6	6.70	71.2	7.87	82.8	9.18	88.6	9.82	94.4	10.48	106.1	11.90	117.6	13.32
	16	59.6	6.81	71.2	8.05	82.8	9.29	88.6	10.01	94.4	10.72	106.1	12.14	117.6	13.56
	18	59.6	6.93	71.2	8.17	82.8	9.47	88.6	10.19	94.4	10.89	106.1	12.31	117.6	13.86
	20	59.6	7.04	71.2	8.29	82.8	9.65	88.6	10.35	94.4	11.07	106.1	12.55	117.6	14.14
	21	59.6	7.10	71.2	8.35	82.8	9.77	88.6	10.48	94.4	11.19	106.1	12.73	117.6	14.27
	23	59.6	7.23	71.2	8.53	82.8	9.89	88.6	10.65	94.4	11.43	106.1	13.19	117.6	15.15
	25	59.6	7.35	71.2	8.70	82.8	10.31	88.6	11.19	94.4	12.14	106.1	14.09	117.6	16.22
	27	59.6	7.58	71.2	9.18	82.8	10.95	88.6	11.90	94.4	12.91	106.1	14.97	117.6	17.29
	29	59.6	8.05	71.2	9.77	82.8	11.66	88.6	12.67	94.4	13.73	106.1	15.98	117.6	18.46
	31	59.6	8.53	71.2	10.35	82.8	12.38	88.6	13.50	94.4	14.63	106.1	17.05	117.6	19.66
	33	59.6	8.99	71.2	10.95	82.8	13.14	88.6	14.32	94.4	15.57	106.1	18.12	117.6	20.96
	35	59.6	9.53	71.2	11.66	82.8	13.97	88.6	15.22	94.4	16.52	106.1	19.30	117.6	22.25
	37	59.6	10.07	71.2	12.31	82.8	14.81	88.6	16.17	94.4	17.52	106.1	20.49	117.6	23.68
	39	59.6	10.69	71.2	13.11	82.8	15.98	88.6	17.34	94.4	18.86	106.1	21.97	117.6	25.38
	41	58.0	11.60	69.3	14.34	80.7	17.35	86.4	18.94	92.0	20.47	103.3	24.11	114.6	27.58
	43	56.7	12.61	67.6	15.61	78.8	18.91	84.3	20.64	89.7	22.32	100.8	26.31	111.7	30.12
	46	53.2	14.13	63.4	17.54	73.8	21.26	78.9	23.20	84.0	25.12	94.4	29.64	104.8	34.32
	48	47.0	12.31	56.1	15.30	65.2	18.58	69.7	20.26	74.4	21.95	83.6	25.92	92.7	30.02
50	10	49.8	5.62	59.6	6.52	69.1	7.40	73.9	7.94	78.6	8.42	88.1	9.48	98.1	10.55
	12	49.8	5.69	59.6	6.58	69.1	7.52	73.9	8.05	78.6	8.59	88.1	9.67	98.1	10.73
	14	49.8	5.74	59.6	6.70	69.1	7.64	73.9	8.17	78.6	8.71	88.1	9.78	98.1	10.90
	16	49.8	5.87	59.6	6.82	69.1	7.77	73.9	8.35	78.6	8.83	88.1	9.96	98.1	11.09
	18	49.8	5.93	59.6	6.87	69.1	7.89	73.9	8.47	78.6	9.00	88.1	10.13	98.1	11.31
	20	49.8	5.99	59.6	6.99	69.1	8.05	73.9	8.59	78.6	9.19	88.1	10.32	98.1	11.55
	21	49.8	6.05	59.6	7.05	69.1	8.12	73.9	8.71	78.6	9.25	88.1	10.43	98.1	11.68
	23	49.8	6.16	59.6	7.17	69.1	8.24	73.9	8.83	78.6	9.42	88.1	10.62	98.1	11.91
	25	49.8	6.22	59.6	7.29	69.1	8.42	73.9	9.00	78.6	9.72	88.1	11.15	98.1	12.74
	27	49.8	6.34	59.6	7.52	69.1	8.89	73.9	9.60	78.6	10.32	88.1	11.91	98.1	13.58
	29	49.8	6.70	59.6	8.01	69.1	9.42	73.9	10.20	78.6	10.97	88.1	12.62	98.1	14.40
	31	49.8	7.05	59.6	8.47	69.1	10.01	73.9	10.78	78.6	11.68	88.1	13.45	98.1	15.34
	33	49.8	7.47	59.6	8.95	69.1	10.62	73.9	11.43	78.6	12.39	88.1	14.28	98.1	16.36
	35	49.8	7.89	59.6	9.48	69.1	11.20	73.9	12.15	78.6	13.10	88.1	15.11	98.1	17.37
	37	49.8	8.35	59.6	10.01	69.1	11.85	73.9	12.86	78.6	13.86	88.1	16.12	98.1	18.43
	39	49.8	8.91	59.6	10.74	69.1	12.70	73.9	13.84	78.6	14.88	88.1	17.16	98.1	19.91
	41	48.6	9.64	58.0	11.62	67.2	13.88	72.0	15.00	76.7	16.12	85.9	18.82	95.6	21.63
	43	47.3	10.48	56.7	12.64	65.8	15.11	70.2	16.32	74.7	17.55	83.7	20.53	93.2	23.58
	46	44.4	11.73	53.2	14.19	61.6	16.96	65.8	18.34	70.0	19.71	78.4	23.09	87.4	26.56
	48	39.3	10.22	47.0	12.37	54.5	14.79	58.2	16.00	62.0	17.20	69.3	20.18	77.3	23.22

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

◆ ARUV530BTE5 / ARUV530DTE5

Cooling Capacity (44RT)

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	153.2	17.01	182.4	20.78	195.6	24.12	201.2	24.60	206.9	24.80	216.7	25.00	222.3	25.11
	12	153.2	17.44	182.4	21.53	195.6	25.11	201.2	25.27	206.9	25.48	216.7	25.67	222.3	25.90
	14	153.2	18.02	182.4	22.31	195.6	26.05	201.2	26.24	206.9	26.45	216.7	26.67	222.3	26.90
	16	153.2	18.67	182.4	23.09	195.6	27.22	201.2	27.47	206.9	27.70	216.7	27.94	222.3	28.16
	18	153.2	19.46	182.4	24.42	195.6	28.47	201.2	29.09	206.9	29.32	216.7	29.61	222.3	29.81
	20	153.2	20.32	182.4	26.02	195.6	29.87	201.2	31.99	206.9	32.24	213.6	32.56	219.2	32.79
	21	153.2	20.84	182.4	26.94	195.6	30.49	201.2	33.85	206.9	34.12	212.4	34.46	218.0	34.70
	23	153.2	22.37	182.4	28.34	195.6	32.08	201.2	37.36	204.2	37.65	209.3	38.03	214.8	38.29
	25	153.2	23.89	182.4	29.97	195.6	34.29	198.7	41.43	201.2	41.76	206.9	42.17	212.4	42.46
	27	153.2	25.57	182.4	32.04	193.1	36.53	195.6	45.61	198.7	45.97	204.2	46.43	209.3	46.74
	29	153.2	27.24	182.4	34.25	189.9	39.30	192.8	50.13	195.6	50.42	201.2	50.88	206.9	51.08
	31	153.2	29.07	181.9	36.08	186.8	41.81	189.9	49.91	192.8	50.22	198.1	50.66	203.6	50.86
	33	153.2	30.97	178.7	38.22	184.3	44.84	187.3	49.46	189.9	49.75	195.6	50.20	200.5	50.40
	35	153.2	33.02	175.6	40.03	181.1	48.58	184.3	48.81	187.3	49.10	192.4	49.54	198.1	49.75
	37	153.2	35.21	173.2	42.00	178.7	47.93	181.1	48.16	184.3	48.45	189.4	48.90	195.0	49.09
	39	153.2	37.50	170.1	44.21	175.6	47.29	178.7	47.53	181.1	47.81	186.8	48.24	192.4	48.43
	41	149.3	39.78	163.0	46.42	168.5	46.64	171.0	46.88	174.4	47.16	179.6	47.58	184.5	47.77
	43	145.6	41.95	156.2	45.77	161.6	46.00	164.1	46.24	167.4	46.51	172.6	46.93	177.2	47.12
	46	136.4	44.91	142.5	44.82	147.7	45.05	150.0	45.27	153.1	45.53	157.9	45.95	162.2	46.13
	48	120.8	43.65	123.8	43.79	128.3	43.88	130.5	44.00	133.2	44.38	137.5	44.66	141.3	44.84
120	10	138.6	15.31	164.8	18.76	180.2	22.30	185.6	24.10	191.2	24.47	201.6	24.58	206.5	24.77
	12	138.6	15.73	164.8	19.40	180.2	23.20	185.6	24.60	191.2	25.38	201.6	25.69	206.5	25.90
	14	138.6	16.25	164.8	20.06	180.2	24.13	185.6	25.54	191.2	26.31	201.6	26.71	206.5	26.92
	16	138.6	16.83	164.8	20.88	180.2	25.06	185.6	26.50	191.2	27.53	201.6	27.86	206.5	28.09
	18	138.6	17.50	164.8	21.82	180.2	26.06	185.6	27.89	191.2	28.94	201.6	29.27	206.5	29.51
	20	138.6	18.17	164.8	23.14	180.2	27.47	185.6	29.35	191.2	30.48	201.6	30.87	206.5	31.13
	21	138.6	18.71	164.8	23.98	180.2	28.24	185.6	30.21	191.2	31.48	201.6	31.88	206.5	32.14
	23	138.6	20.01	164.8	25.64	180.2	30.26	185.6	32.10	191.2	33.56	201.6	33.89	206.5	34.17
	25	138.6	21.39	164.8	27.47	180.2	31.91	185.6	34.22	191.2	35.99	199.1	36.29	204.0	36.58
	27	138.6	22.82	164.8	29.37	180.2	33.96	185.6	36.57	191.2	38.68	196.0	38.93	200.9	39.25
	29	138.6	24.35	164.8	31.35	180.2	35.73	185.6	39.13	188.1	41.23	193.0	41.84	198.5	42.17
	31	138.6	25.95	164.8	33.48	180.2	37.59	183.3	41.92	185.6	44.21	190.6	45.00	195.4	45.37
	33	138.6	27.62	164.8	35.69	177.7	39.77	180.2	45.51	182.6	47.47	187.5	48.02	192.4	48.39
	35	138.6	29.37	164.8	38.05	174.7	42.08	177.1	50.13	180.2	50.37	185.1	50.52	189.9	50.93
	37	138.6	31.59	164.8	40.14	172.2	44.86	174.7	49.07	177.1	49.32	182.0	49.46	186.8	49.85
	39	138.6	34.01	164.3	42.43	169.2	47.59	171.6	48.06	174.0	48.30	179.6	48.45	184.4	48.83
	41	135.1	36.43	157.1	44.72	162.5	46.65	164.7	47.06	167.0	47.29	171.9	47.44	176.8	47.81
	43	131.8	38.88	150.5	44.07	155.7	45.61	157.9	46.05	160.4	46.28	165.1	46.41	169.8	46.79
	46	123.5	41.81	137.2	43.02	142.2	44.17	144.3	44.53	146.5	44.76	150.9	44.89	155.4	45.24
	48	109.2	40.95	119.2	42.26	123.6	43.31	125.5	43.57	127.4	43.72	131.4	43.88	135.3	44.06
110	10	124.2	13.76	148.1	16.77	165.4	19.93	170.1	21.58	180.9	23.22	185.1	23.85	197.7	24.26
	12	124.2	14.20	148.1	17.34	165.4	20.75	170.1	22.18	180.9	24.08	185.1	24.86	197.7	25.44
	14	124.2	14.64	148.1	18.13	165.4	21.69	170.1	23.28	180.9	25.30	185.1	26.02	197.7	26.57
	16	124.2	15.16	148.1	18.78	165.4	22.59	170.1	24.30	180.9	26.47	185.1	27.19	197.7	27.67
	18	124.2	15.73	148.1	19.57	165.4	23.89	170.1	25.58	180.9	27.92	185.1	28.47	197.7	29.00
	20	124.2	16.29	148.1	20.55	165.4	25.34	170.1	26.76	180.9	29.27	185.1	30.00	197.7	30.48
	21	124.2	16.64	148.1	21.16	165.4	25.99	170.1	27.48	180.9	30.10	185.1	30.85	197.7	31.33
	23	124.2	17.73	148.1	22.68	165.4	27.44	170.1	29.01	180.9	31.79	185.1	32.47	197.7	33.00
	25	124.2	18.94	148.1	24.21	165.4	28.99	170.1	30.67	180.9	33.59	185.1	34.07	195.2	34.76
	27	124.2	20.24	148.1	25.87	165.4	30.63	170.1	32.46	180.9	35.07	185.1	35.88	192.4	36.48
	29	124.2	21.62	148.1	27.62	165.4	32.37	170.1	34.37	180.9	37.07	185.1	37.70	189.9	38.28
	31	124.2	22.98	148.1	29.45	165.4	34.21	170.1	36.42	178.0	38.95	182.7	39.71	186.8	40.13
	33	124.2	24.50	148.1	31.35	165.4	36.14	170.1	38.59	175.5	41.13	179.8	41.81	184.5	42.04
	35	124.2	26.02	148.1	33.48	165.4	38.17	170.1	40.90	172.6	43.40	176.7	43.82	181.5	44.02
	37	124.2	27.58	148.1	35.53	165.4	40.29	167.8	43.32	169.6	45.79	174.4	45.95	178.5	46.07
	39	124.2	29.74	148.1	37.76	162.4	42.52	164.8	46.34	167.2	48.06	171.4	48.13	176.2	48.18
	41	121.0	31.89	144.3	39.99	155.4	44.84	157.8	50.13	160.0	50.13	164.7	50.52	168.8	50.93
	43	118.0	33.49	140.7	41.66	149.0	47.55	151.5	48.08	153.4	47.97	157.9	48.25	161.9	48.39
	46	110.7	32.69	131.8	40.22	135.9	45.13	138.3	45.12	140.2	45.51	144.4	45.76	148.1	45.89
	48	97.9	31.75	114.7	38.74	118.1	42.94	120.2	43.21	121.7	43.43	125.6	43.55	128.9	43.73

7. Capacity Tables

Cooling Capacity (44RT)

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	104.5	12.39	124.3	15.07	144.7	17.87	154.7	19.32	164.7	20.75	182.6	23.10	186.5	23.28
	12	104.5	12.78	124.3	15.69	144.7	18.48	154.7	19.84	164.7	21.41	182.6	24.34	186.5	24.59
	14	104.5	13.20	124.3	16.31	144.7	19.26	154.7	20.69	164.7	22.33	182.6	25.70	186.5	25.95
	16	104.5	13.59	124.3	16.86	144.7	20.07	154.7	21.68	164.7	23.54	182.6	26.95	186.5	27.32
	18	104.5	13.99	124.3	17.48	144.7	20.86	154.7	22.72	164.7	24.96	182.6	28.47	186.5	28.70
	20	104.5	14.50	124.3	18.13	144.7	22.07	154.7	24.35	164.7	26.71	182.6	29.83	186.5	30.07
	21	104.5	14.79	124.3	18.57	144.7	22.82	154.7	25.18	164.7	27.70	182.6	30.52	186.5	30.76
	23	104.5	15.68	124.3	19.86	144.7	24.50	154.7	27.01	164.7	29.68	182.6	31.95	186.5	32.20
	25	104.5	16.67	124.3	21.16	144.7	26.17	154.7	28.91	164.7	31.72	182.6	33.31	185.0	33.59
	27	104.5	17.81	124.3	22.60	144.7	28.00	154.7	30.90	164.7	33.73	178.9	34.88	182.8	35.15
	29	104.5	18.94	124.3	24.12	144.7	29.91	154.7	33.02	164.7	35.71	175.7	36.28	180.0	36.57
	31	104.5	20.24	124.3	25.72	144.7	31.89	154.7	35.24	164.7	37.51	173.0	37.70	177.2	37.99
	33	104.5	21.45	124.3	27.39	144.7	34.02	154.7	37.59	164.7	38.93	170.2	39.10	174.5	39.41
	35	104.5	22.82	124.3	29.13	144.7	36.22	154.7	40.10	162.2	40.34	167.2	40.49	171.4	40.82
	37	104.5	24.45	124.3	31.26	144.7	38.36	154.7	42.01	159.5	42.21	164.1	42.38	167.9	42.78
	39	104.5	26.21	124.3	33.58	144.7	40.66	154.7	44.06	156.9	44.25	161.4	44.43	165.2	44.84
	41	102.8	27.97	122.3	35.90	142.4	42.94	148.5	46.12	151.6	46.31	155.3	46.47	160.3	46.89
	43	99.3	29.61	118.2	38.06	137.5	45.00	142.4	47.87	144.0	48.06	148.4	48.20	152.3	48.66
	46	93.1	31.85	110.7	41.03	128.9	47.73	130.0	50.13	131.4	50.27	135.5	50.42	139.3	50.90
	48	82.3	27.50	97.9	35.50	111.3	40.81	112.9	42.53	114.2	42.67	117.9	42.77	121.0	43.11
90	10	94.0	10.63	112.2	12.78	130.5	15.07	139.3	16.24	148.1	17.48	166.3	19.56	184.6	21.76
	12	94.0	10.76	112.2	12.98	130.5	15.33	139.3	16.57	148.1	17.87	166.3	19.96	184.6	22.14
	14	94.0	10.96	112.2	13.24	130.5	15.65	139.3	16.90	148.1	18.20	166.3	20.34	184.6	22.59
	16	94.0	11.15	112.2	13.50	130.5	15.98	139.3	17.22	148.1	18.52	166.3	20.73	184.6	22.98
	18	94.0	11.36	112.2	13.77	130.5	16.24	139.3	17.61	148.1	18.92	166.3	21.18	184.6	24.14
	20	94.0	11.55	112.2	14.02	130.5	16.57	139.3	17.94	148.1	19.63	166.3	22.66	184.6	25.29
	21	94.0	11.68	112.2	14.15	130.5	16.90	139.3	18.52	148.1	20.35	166.3	23.03	184.6	25.87
	23	94.0	11.93	112.2	14.74	130.5	18.07	139.3	19.89	148.1	21.79	166.3	24.43	182.0	27.09
	25	94.0	12.53	112.2	15.73	130.5	19.31	139.3	21.27	148.1	23.29	166.3	26.12	179.3	28.24
	27	94.0	13.38	112.2	16.76	130.5	20.61	139.3	22.69	148.1	24.91	166.3	27.77	176.7	29.56
	29	94.0	14.15	112.2	17.87	130.5	22.04	139.3	24.26	148.1	26.61	166.3	29.41	174.1	30.76
	31	94.0	15.07	112.2	19.04	130.5	23.48	139.3	25.83	148.1	28.37	166.3	30.88	171.4	31.95
	33	94.0	16.05	112.2	20.29	130.5	25.04	139.3	27.52	148.1	30.10	166.3	32.38	168.8	33.14
	35	94.0	17.02	112.2	21.52	130.5	26.61	139.3	29.35	148.1	31.91	163.5	34.24	166.2	35.02
	37	94.0	18.07	112.2	22.89	130.5	28.38	139.3	31.19	148.1	33.68	160.8	35.79	163.5	36.59
	39	94.0	19.13	112.2	24.34	130.5	30.03	139.3	33.18	148.1	35.42	158.2	37.72	160.9	38.18
	41	91.5	21.40	109.4	27.00	127.0	32.96	135.7	36.28	144.3	38.24	151.6	39.76	154.3	40.67
	43	89.3	23.11	106.6	29.17	123.9	36.00	132.3	39.08	140.7	41.00	145.3	42.57	148.0	43.09
	46	83.6	26.01	99.9	33.22	116.1	41.02	123.9	44.30	127.9	45.56	132.7	46.73	135.2	46.80
	48	73.9	22.73	88.4	29.07	102.8	35.89	109.7	38.65	111.1	39.26	115.3	40.23	117.5	40.28
80	10	83.4	8.95	99.4	10.76	115.5	12.62	123.8	13.62	132.0	14.62	148.1	16.66	164.1	18.10
	12	83.4	9.14	99.4	10.88	115.5	12.87	123.8	13.86	132.0	14.86	148.1	16.97	164.1	18.44
	14	83.4	9.26	99.4	11.14	115.5	13.06	123.8	14.12	132.0	15.12	148.1	17.28	164.1	18.81
	16	83.4	9.39	99.4	11.32	115.5	13.30	123.8	14.36	132.0	15.42	148.1	17.65	164.1	19.17
	18	83.4	9.58	99.4	11.51	115.5	13.56	123.8	14.62	132.0	15.73	148.1	17.97	164.1	19.59
	20	83.4	9.76	99.4	11.75	115.5	13.86	123.8	14.92	132.0	16.05	148.1	18.65	164.1	20.75
	21	83.4	9.82	99.4	11.88	115.5	13.99	123.8	15.12	132.0	16.42	148.1	19.24	164.1	21.30
	23	83.4	10.01	99.4	12.06	115.5	14.62	123.8	16.05	132.0	17.53	148.1	20.32	164.1	22.36
	25	83.4	10.38	99.4	12.87	115.5	15.67	123.8	17.15	132.0	18.78	148.1	21.75	164.1	23.90
	27	83.4	11.01	99.4	13.67	115.5	16.73	123.8	18.34	132.0	20.03	148.1	23.11	164.1	25.14
	29	83.4	11.69	99.4	14.62	115.5	17.78	123.8	19.53	132.0	21.39	148.1	24.75	164.1	26.92
	31	83.4	12.43	99.4	15.49	115.5	18.97	123.8	20.83	132.0	22.75	148.1	26.27	164.1	28.26
	33	83.4	13.17	99.4	16.55	115.5	20.21	123.8	22.19	132.0	24.25	148.1	27.69	164.1	29.63
	35	83.4	13.99	99.4	17.53	115.5	21.52	123.8	23.62	132.0	25.87	148.1	29.35	162.3	30.71
	37	83.4	14.80	99.4	18.65	115.5	22.82	123.8	25.12	132.0	27.48	148.1	30.97	159.7	32.10
	39	83.4	15.64	99.4	19.71	115.5	24.41	123.8	27.00	132.0	29.54	148.1	32.73	157.1	33.87
	41	81.3	17.30	96.8	21.84	112.5	26.79	120.6	29.61	128.7	32.45	144.3	36.41	150.5	37.54
	43	79.2	19.04	94.5	23.84	109.8	29.25	117.6	32.27	125.5	35.46	140.7	38.97	144.3	40.18
	46	74.3	21.19	88.6	26.84	102.8	32.96	110.3	35.91	117.6	40.02	128.7	42.55	131.8	43.22
	48	65.8	18.51	78.3	23.48	90.9	28.81	97.5	31.37	104.1	35.03	111.7	36.82	114.4	37.20

7. Capacity Tables

Cooling Capacity (44RT)

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	7.90	87.4	9.40	101.1	10.89	108.2	11.77	115.5	12.57	129.3	14.32	143.7	16.02
	12	72.9	8.03	87.4	9.53	101.1	11.14	108.2	11.95	115.5	12.82	129.3	14.56	143.7	16.31
	14	72.9	8.15	87.4	9.64	101.1	11.33	108.2	12.13	115.5	13.01	129.3	14.88	143.7	16.61
	16	72.9	8.28	87.4	9.84	101.1	11.52	108.2	12.39	115.5	13.26	129.3	15.12	143.7	16.97
	18	72.9	8.41	87.4	10.03	101.1	11.77	108.2	12.63	115.5	13.51	129.3	15.37	143.7	17.27
	20	72.9	8.53	87.4	10.21	101.1	11.95	108.2	12.89	115.5	13.82	129.3	15.75	143.7	17.93
	21	72.9	8.65	87.4	10.27	101.1	12.07	108.2	13.01	115.5	13.94	129.3	16.00	143.7	18.31
	23	72.9	8.77	87.4	10.52	101.1	12.32	108.2	13.44	115.5	14.63	129.3	17.11	143.7	19.33
	25	72.9	8.90	87.4	10.89	101.1	13.13	108.2	14.38	115.5	15.62	129.3	18.30	143.7	20.27
	27	72.9	9.40	87.4	11.64	101.1	14.01	108.2	15.24	115.5	16.67	129.3	19.54	143.7	21.53
	29	72.9	10.03	87.4	12.32	101.1	14.88	108.2	16.25	115.5	17.74	129.3	20.86	143.7	23.08
	31	72.9	10.64	87.4	13.13	101.1	15.87	108.2	17.37	115.5	18.92	129.3	22.22	143.7	24.49
	33	72.9	11.27	87.4	13.88	101.1	16.87	108.2	18.42	115.5	20.10	129.3	23.65	143.7	26.07
	35	72.9	11.88	87.4	14.82	101.1	17.93	108.2	19.61	115.5	21.41	129.3	25.21	143.7	27.64
	37	72.9	12.63	87.4	15.68	101.1	19.04	108.2	20.86	115.5	22.79	129.3	26.83	143.7	29.16
	39	72.9	13.42	87.4	16.74	101.1	20.37	108.2	22.43	115.5	24.61	129.3	28.71	143.7	31.45
	41	71.1	14.84	85.2	18.33	98.5	22.34	105.6	24.60	112.5	26.75	126.0	31.53	139.9	33.92
	43	69.3	16.15	83.0	19.97	96.2	24.37	102.9	26.83	109.8	29.21	122.9	34.45	136.5	36.68
	46	65.0	17.95	77.7	22.46	90.0	27.45	96.4	29.89	102.8	32.92	115.1	38.86	127.9	40.89
	48	57.5	15.66	68.8	19.62	79.6	23.99	85.3	26.11	90.9	28.80	101.9	33.99	113.2	35.38
60	10	62.5	6.86	74.6	8.05	86.7	9.35	92.8	10.02	98.9	10.65	111.1	12.08	123.2	13.52
	12	62.5	6.98	74.6	8.15	86.7	9.47	92.8	10.15	98.9	10.85	111.1	12.27	123.2	13.77
	14	62.5	7.05	74.6	8.28	86.7	9.66	92.8	10.34	98.9	11.02	111.1	12.52	123.2	14.01
	16	62.5	7.16	74.6	8.48	86.7	9.78	92.8	10.53	98.9	11.28	111.1	12.78	123.2	14.27
	18	62.5	7.29	74.6	8.59	86.7	9.97	92.8	10.72	98.9	11.47	111.1	12.95	123.2	14.58
	20	62.5	7.41	74.6	8.72	86.7	10.15	92.8	10.90	98.9	11.65	111.1	13.21	123.2	14.89
	21	62.5	7.48	74.6	8.79	86.7	10.28	92.8	11.02	98.9	11.78	111.1	13.40	123.2	15.01
	23	62.5	7.60	74.6	8.98	86.7	10.41	92.8	11.21	98.9	12.02	111.1	13.89	123.2	15.94
	25	62.5	7.73	74.6	9.15	86.7	10.85	92.8	11.78	98.9	12.78	111.1	14.83	123.2	17.07
	27	62.5	7.98	74.6	9.66	86.7	11.52	92.8	12.52	98.9	13.58	111.1	15.76	123.2	18.20
	29	62.5	8.48	74.6	10.28	86.7	12.27	92.8	13.34	98.9	14.45	111.1	16.82	123.2	19.43
	31	62.5	8.98	74.6	10.90	86.7	13.02	92.8	14.21	98.9	15.39	111.1	17.94	123.2	20.69
	33	62.5	9.47	74.6	11.52	86.7	13.83	92.8	15.07	98.9	16.38	111.1	19.07	123.2	22.06
	35	62.5	10.02	74.6	12.27	86.7	14.70	92.8	16.01	98.9	17.38	111.1	20.31	123.2	23.42
	37	62.5	10.59	74.6	12.95	86.7	15.58	92.8	17.01	98.9	18.44	111.1	21.56	123.2	24.92
	39	62.5	11.26	74.6	13.80	86.7	16.81	92.8	18.24	98.9	19.84	111.1	23.12	123.2	26.71
	41	60.7	12.21	72.6	15.10	84.5	18.26	90.5	19.93	96.3	21.54	108.2	25.37	120.1	29.02
	43	59.4	13.27	70.8	16.43	82.5	19.90	88.3	21.72	94.0	23.49	105.6	27.69	117.0	31.70
	46	55.7	14.87	66.4	18.45	77.3	22.38	82.7	24.42	88.0	26.43	98.9	31.20	109.8	36.11
	48	49.2	12.95	58.8	16.10	68.3	19.56	73.1	21.32	77.9	23.10	87.5	27.28	97.1	31.60
50	10	52.2	5.92	62.5	6.86	72.4	7.79	77.4	8.36	82.3	8.86	92.2	9.97	102.8	11.10
	12	52.2	5.99	62.5	6.93	72.4	7.92	77.4	8.47	82.3	9.04	92.2	10.17	102.8	11.29
	14	52.2	6.05	62.5	7.05	72.4	8.04	77.4	8.60	82.3	9.16	92.2	10.29	102.8	11.47
	16	52.2	6.17	62.5	7.17	72.4	8.17	77.4	8.79	82.3	9.29	92.2	10.48	102.8	11.67
	18	52.2	6.24	62.5	7.23	72.4	8.30	77.4	8.92	82.3	9.47	92.2	10.66	102.8	11.90
	20	52.2	6.30	62.5	7.36	72.4	8.47	77.4	9.04	82.3	9.67	92.2	10.86	102.8	12.16
	21	52.2	6.37	62.5	7.42	72.4	8.54	77.4	9.16	82.3	9.73	92.2	10.97	102.8	12.29
	23	52.2	6.49	62.5	7.54	72.4	8.67	77.4	9.29	82.3	9.92	92.2	11.17	102.8	12.53
	25	52.2	6.54	62.5	7.67	72.4	8.86	77.4	9.47	82.3	10.23	92.2	11.73	102.8	13.40
	27	52.2	6.67	62.5	7.92	72.4	9.36	77.4	10.10	82.3	10.86	92.2	12.53	102.8	14.29
	29	52.2	7.05	62.5	8.43	72.4	9.92	77.4	10.73	82.3	11.54	92.2	13.28	102.8	15.16
	31	52.2	7.42	62.5	8.92	72.4	10.53	77.4	11.35	82.3	12.29	92.2	14.16	102.8	16.15
	33	52.2	7.86	62.5	9.42	72.4	11.17	77.4	12.03	82.3	13.04	92.2	15.03	102.8	17.21
	35	52.2	8.30	62.5	9.97	72.4	11.79	77.4	12.79	82.3	13.79	92.2	15.90	102.8	18.27
	37	52.2	8.79	62.5	10.53	72.4	12.47	77.4	13.53	82.3	14.59	92.2	16.96	102.8	19.39
	39	52.2	9.37	62.5	11.30	72.4	13.36	77.4	14.56	82.3	15.66	92.2	18.06	102.8	20.95
	41	50.9	10.14	60.7	12.23	70.4	14.60	75.4	15.78	80.3	16.96	90.0	19.80	100.1	22.76
	43	49.6	11.03	59.4	13.30	68.9	15.90	73.5	17.17	78.3	18.47	87.7	21.60	97.7	24.82
	46	46.5	12.34	55.7	14.93	64.5	17.84	68.9	19.30	73.3	20.74	82.1	24.30	91.5	27.94
	48	41.2	10.76	49.2	13.01	57.0	15.56	61.0	16.83	64.9	18.10	72.6	21.23	80.9	24.43

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

◆ ARUV554BTE5 / ARUV554DTE5

Cooling Capacity (46RT)

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	160.3	17.65	190.8	21.57	204.6	25.04	210.4	25.54	216.4	25.74	226.7	25.95	232.5	26.06
	12	160.3	18.10	190.8	22.35	204.6	26.06	210.4	26.23	216.4	26.45	226.7	26.65	232.5	26.89
	14	160.3	18.70	190.8	23.16	204.6	27.04	210.4	27.23	216.4	27.46	226.7	27.68	232.5	27.92
	16	160.3	19.38	190.8	23.97	204.6	28.25	210.4	28.51	216.4	28.75	226.7	29.00	232.5	29.23
	18	160.3	20.20	190.8	25.34	204.6	29.55	210.4	30.19	216.4	30.43	226.7	30.73	232.5	30.94
	20	160.3	21.09	190.8	27.01	204.6	31.00	210.4	33.21	216.4	33.47	223.4	33.80	229.3	34.04
	21	160.3	21.63	190.8	27.96	204.6	31.65	210.4	35.13	216.4	35.42	222.1	35.77	228.0	36.02
	23	160.3	23.22	190.8	29.41	204.6	33.30	210.4	38.78	213.6	39.08	218.9	39.47	224.7	39.74
	25	160.3	24.80	190.8	31.10	204.6	35.59	207.8	43.00	210.4	43.35	216.4	43.77	222.1	44.07
	27	160.3	26.54	190.8	33.25	202.0	37.91	204.6	47.34	207.8	47.72	213.6	48.19	218.9	48.52
	29	160.3	28.27	190.8	35.55	198.6	40.79	201.6	52.03	204.6	52.33	210.4	52.81	216.4	53.02
	31	160.3	30.17	190.3	37.44	195.4	43.39	198.6	51.80	201.6	52.12	207.2	52.58	212.9	52.78
	33	160.3	32.14	186.9	39.67	192.8	46.54	195.9	51.34	198.6	51.64	204.6	52.10	209.7	52.31
	35	160.3	34.28	183.7	41.54	189.4	50.42	192.8	50.66	195.9	50.96	201.2	51.42	207.2	51.63
	37	160.3	36.55	181.1	43.59	186.9	49.75	189.4	49.99	192.8	50.29	198.1	50.75	204.0	50.95
	39	160.3	38.92	177.9	45.89	183.7	49.08	186.9	49.34	189.4	49.62	195.4	50.07	201.2	50.27
	41	156.1	41.29	170.5	48.18	176.2	48.41	178.8	48.66	182.4	48.95	187.9	49.39	192.9	49.58
	43	152.3	43.54	163.3	47.51	169.0	47.75	171.6	47.99	175.1	48.27	180.5	48.71	185.3	48.90
	46	142.7	46.61	149.1	46.52	154.4	46.75	156.9	46.98	160.1	47.26	165.2	47.69	169.7	47.88
	48	126.3	45.30	129.4	45.45	134.2	45.54	136.5	45.67	139.3	46.06	143.8	46.35	147.8	46.54
120	10	145.0	15.89	172.4	19.47	188.5	23.14	194.2	25.01	200.0	25.40	210.8	25.52	215.9	25.71
	12	145.0	16.32	172.4	20.14	188.5	24.08	194.2	25.54	200.0	26.35	210.8	26.66	215.9	26.88
	14	145.0	16.87	172.4	20.82	188.5	25.04	194.2	26.51	200.0	27.31	210.8	27.72	215.9	27.94
	16	145.0	17.47	172.4	21.67	188.5	26.01	194.2	27.50	200.0	28.57	210.8	28.92	215.9	29.15
	18	145.0	18.16	172.4	22.65	188.5	27.05	194.2	28.94	200.0	30.04	210.8	30.38	215.9	30.63
	20	145.0	18.86	172.4	24.01	188.5	28.51	194.2	30.46	200.0	31.63	210.8	32.04	215.9	32.31
	21	145.0	19.42	172.4	24.88	188.5	29.31	194.2	31.36	200.0	32.67	210.8	33.09	215.9	33.36
	23	145.0	20.77	172.4	26.62	188.5	31.41	194.2	33.32	200.0	34.83	210.8	35.18	215.9	35.46
	25	145.0	22.20	172.4	28.51	188.5	33.12	194.2	35.52	200.0	37.35	208.3	37.67	213.3	37.97
	27	145.0	23.69	172.4	30.48	188.5	35.25	194.2	37.95	200.0	40.15	205.0	40.41	210.1	40.73
	29	145.0	25.28	172.4	32.53	188.5	37.09	194.2	40.61	196.7	42.79	201.8	43.42	207.6	43.77
	31	145.0	26.93	172.4	34.75	188.5	39.02	191.7	43.51	194.2	45.89	199.3	46.71	204.4	47.08
	33	145.0	28.67	172.4	37.04	185.9	41.27	188.5	47.23	190.9	49.27	196.1	49.84	201.2	50.23
	35	145.0	30.48	172.4	39.49	182.7	43.68	185.2	52.03	188.5	52.28	193.6	52.44	198.6	52.86
	37	145.0	32.79	172.4	41.67	180.1	46.56	182.7	50.93	185.2	51.19	190.3	51.34	195.4	51.74
	39	145.0	35.30	171.9	44.04	177.0	49.40	179.4	49.88	182.0	50.14	187.9	50.29	192.9	50.68
	41	141.3	37.81	164.3	46.41	169.9	48.42	172.2	48.84	174.7	49.08	179.8	49.23	185.0	49.62
	43	137.9	40.36	157.4	45.74	162.9	47.34	165.2	47.79	167.7	48.03	172.7	48.17	177.6	48.56
	46	129.1	43.39	143.5	44.65	148.8	45.84	150.9	46.22	153.2	46.46	157.8	46.59	162.6	46.96
	48	114.3	42.51	124.7	43.86	129.3	44.95	131.3	45.22	133.3	45.37	137.4	45.54	141.5	45.73
110	10	129.9	14.28	154.9	17.41	173.0	20.68	177.9	22.39	189.2	24.10	193.6	24.76	206.7	25.17
	12	129.9	14.73	154.9	18.00	173.0	21.54	177.9	23.02	189.2	25.00	193.6	25.80	206.7	26.40
	14	129.9	15.20	154.9	18.82	173.0	22.52	177.9	24.16	189.2	26.26	193.6	27.01	206.7	27.58
	16	129.9	15.74	154.9	19.50	173.0	23.45	177.9	25.22	189.2	27.47	193.6	28.22	206.7	28.72
	18	129.9	16.32	154.9	20.31	173.0	24.80	177.9	26.55	189.2	28.97	193.6	29.55	206.7	30.10
	20	129.9	16.91	154.9	21.33	173.0	26.30	177.9	27.77	189.2	30.38	193.6	31.13	206.7	31.63
	21	129.9	17.27	154.9	21.96	173.0	26.98	177.9	28.52	189.2	31.24	193.6	32.02	206.7	32.52
	23	129.9	18.40	154.9	23.54	173.0	28.48	177.9	30.11	189.2	33.00	193.6	33.70	206.7	34.25
	25	129.9	19.66	154.9	25.12	173.0	30.09	177.9	31.83	189.2	34.86	193.6	35.36	204.1	36.08
	27	129.9	21.01	154.9	26.85	173.0	31.80	177.9	33.69	189.2	36.40	193.6	37.24	201.2	37.87
	29	129.9	22.44	154.9	28.67	173.0	33.60	177.9	35.67	189.2	38.48	193.6	39.13	198.6	39.73
	31	129.9	23.85	154.9	30.56	173.0	35.51	177.9	37.80	186.2	40.43	191.1	41.22	195.4	41.65
	33	129.9	25.43	154.9	32.53	173.0	37.51	177.9	40.06	183.6	42.69	188.0	43.39	192.9	43.63
	35	129.9	27.01	154.9	34.75	173.0	39.62	177.9	42.45	180.5	45.05	184.8	45.48	189.9	45.69
	37	129.9	28.63	154.9	36.88	173.0	41.82	175.5	44.96	177.4	47.52	182.4	47.69	186.7	47.82
	39	129.9	30.86	154.9	39.19	169.9	44.13	172.4	48.09	174.9	49.88	179.3	49.96	184.3	50.00
	41	126.5	33.10	150.9	41.51	162.6	46.54	165.1	52.03	167.3	52.03	172.2	52.44	176.5	52.86
	43	123.5	34.76	147.1	43.24	155.8	49.35	158.4	49.90	160.4	49.79	165.2	50.08	169.3	50.22
	46	115.8	33.93	137.9	41.74	142.2	46.84	144.6	46.83	146.6	47.24	151.0	47.49	154.9	47.63
	48	102.4	32.95	119.9	40.21	123.6	44.56	125.7	44.85	127.3	45.07	131.4	45.20	134.8	45.39

7. Capacity Tables

Cooling Capacity (46RT)

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	109.3	12.86	130.0	15.64	151.4	18.55	161.8	20.05	172.2	21.54	190.9	23.97	195.1	24.17
	12	109.3	13.27	130.0	16.28	151.4	19.18	161.8	20.59	172.2	22.22	190.9	25.26	195.1	25.52
	14	109.3	13.70	130.0	16.93	151.4	19.99	161.8	21.48	172.2	23.18	190.9	26.68	195.1	26.93
	16	109.3	14.11	130.0	17.49	151.4	20.84	161.8	22.50	172.2	24.44	190.9	27.97	195.1	28.36
	18	109.3	14.52	130.0	18.14	151.4	21.65	161.8	23.58	172.2	25.91	190.9	29.54	195.1	29.78
	20	109.3	15.05	130.0	18.82	151.4	22.90	161.8	25.28	172.2	27.72	190.9	30.96	195.1	31.21
	21	109.3	15.35	130.0	19.27	151.4	23.69	161.8	26.14	172.2	28.75	190.9	31.67	195.1	31.93
	23	109.3	16.28	130.0	20.61	151.4	25.43	161.8	28.03	172.2	30.80	190.9	33.16	195.1	33.42
	25	109.3	17.30	130.0	21.96	151.4	27.16	161.8	30.01	172.2	32.93	190.9	34.58	193.5	34.86
	27	109.3	18.49	130.0	23.46	151.4	29.06	161.8	32.07	172.2	35.01	187.1	36.20	191.2	36.49
	29	109.3	19.66	130.0	25.04	151.4	31.04	161.8	34.28	172.2	37.07	183.7	37.66	188.3	37.96
	31	109.3	21.01	130.0	26.69	151.4	33.10	161.8	36.57	172.2	38.93	181.0	39.12	185.3	39.43
	33	109.3	22.26	130.0	28.43	151.4	35.31	161.8	39.02	172.2	40.40	178.1	40.58	182.5	40.90
	35	109.3	23.69	130.0	30.24	151.4	37.59	161.8	41.62	169.6	41.87	174.8	42.03	179.3	42.37
	37	109.3	25.38	130.0	32.44	151.4	39.82	161.8	43.60	166.8	43.81	171.6	43.98	175.6	44.40
	39	109.3	27.20	130.0	34.86	151.4	42.20	161.8	45.73	164.1	45.93	168.8	46.11	172.8	46.54
	41	107.5	29.03	127.9	37.26	148.9	44.57	155.3	47.87	158.6	48.06	162.4	48.23	167.6	48.67
	43	103.8	30.73	123.6	39.50	143.9	46.71	148.9	49.69	150.6	49.88	155.2	50.03	159.3	50.51
	46	97.3	33.06	115.8	42.58	134.8	49.54	136.0	52.03	137.4	52.18	141.7	52.33	145.7	52.83
	48	86.0	28.54	102.4	36.84	116.4	42.35	118.1	44.14	119.4	44.29	123.3	44.39	126.6	44.74
90	10	98.3	11.21	117.3	13.48	136.5	15.90	145.7	17.13	154.9	18.44	173.9	20.63	193.1	22.95
	12	98.3	11.35	117.3	13.69	136.5	16.17	145.7	17.48	154.9	18.85	173.9	21.05	193.1	23.35
	14	98.3	11.56	117.3	13.96	136.5	16.51	145.7	17.83	154.9	19.19	173.9	21.46	193.1	23.83
	16	98.3	11.76	117.3	14.24	136.5	16.85	145.7	18.16	154.9	19.54	173.9	21.87	193.1	24.24
	18	98.3	11.98	117.3	14.52	136.5	17.13	145.7	18.57	154.9	19.96	173.9	22.34	193.1	25.46
	20	98.3	12.18	117.3	14.79	136.5	17.48	145.7	18.92	154.9	20.70	173.9	23.91	193.1	26.67
	21	98.3	12.32	117.3	14.93	136.5	17.83	145.7	19.54	154.9	21.46	173.9	24.29	193.1	27.29
	23	98.3	12.59	117.3	15.55	136.5	19.06	145.7	20.98	154.9	22.98	173.9	25.77	190.3	28.57
	25	98.3	13.22	117.3	16.59	136.5	20.37	145.7	22.44	154.9	24.57	173.9	27.55	187.6	29.79
	27	98.3	14.11	117.3	17.68	136.5	21.74	145.7	23.94	154.9	26.28	173.9	29.29	184.8	31.18
	29	98.3	14.93	117.3	18.85	136.5	23.25	145.7	25.59	154.9	28.06	173.9	31.03	182.1	32.45
	31	98.3	15.90	117.3	20.09	136.5	24.77	145.7	27.25	154.9	29.92	173.9	32.57	179.3	33.70
	33	98.3	16.92	117.3	21.40	136.5	26.42	145.7	29.03	154.9	31.75	173.9	34.15	176.6	34.96
	35	98.3	17.95	117.3	22.70	136.5	28.06	145.7	30.96	154.9	33.66	171.0	36.11	173.8	36.93
	37	98.3	19.06	117.3	24.15	136.5	29.93	145.7	32.90	154.9	35.53	168.2	37.75	171.0	38.59
	39	98.3	20.18	117.3	25.68	136.5	31.68	145.7	35.00	154.9	37.36	165.5	39.79	168.3	40.27
	41	95.7	22.58	114.4	28.48	132.8	34.77	142.0	38.27	150.9	40.34	158.6	41.94	161.3	42.90
	43	93.4	24.37	111.5	30.77	129.6	37.98	138.4	41.22	147.1	43.25	152.0	44.90	154.8	45.46
	46	87.4	27.44	104.5	35.04	121.5	43.27	129.6	46.73	133.7	48.05	138.8	49.30	141.4	49.37
	48	77.3	23.98	92.5	30.66	107.5	37.86	114.7	40.77	116.2	41.41	120.6	42.43	122.9	42.48
80	10	87.3	9.47	104.0	11.39	120.8	13.35	129.4	14.40	138.1	15.46	154.9	17.63	171.6	19.14
	12	87.3	9.67	104.0	11.51	120.8	13.62	129.4	14.66	138.1	15.72	154.9	17.95	171.6	19.51
	14	87.3	9.80	104.0	11.78	120.8	13.81	129.4	14.93	138.1	15.99	154.9	18.28	171.6	19.90
	16	87.3	9.93	104.0	11.98	120.8	14.07	129.4	15.19	138.1	16.31	154.9	18.68	171.6	20.28
	18	87.3	10.13	104.0	12.17	120.8	14.34	129.4	15.46	138.1	16.64	154.9	19.01	171.6	20.72
	20	87.3	10.33	104.0	12.43	120.8	14.66	129.4	15.78	138.1	16.98	154.9	19.73	171.6	21.95
	21	87.3	10.39	104.0	12.57	120.8	14.80	129.4	15.99	138.1	17.37	154.9	20.36	171.6	22.54
	23	87.3	10.59	104.0	12.76	120.8	15.46	129.4	16.98	138.1	18.54	154.9	21.49	171.6	23.65
	25	87.3	10.98	104.0	13.62	120.8	16.58	129.4	18.15	138.1	19.87	154.9	23.00	171.6	25.28
	27	87.3	11.65	104.0	14.47	120.8	17.70	129.4	19.40	138.1	21.19	154.9	24.44	171.6	26.60
	29	87.3	12.37	104.0	15.46	120.8	18.81	129.4	20.66	138.1	22.63	154.9	26.19	171.6	28.47
	31	87.3	13.15	104.0	16.38	120.8	20.07	129.4	22.04	138.1	24.07	154.9	27.79	171.6	29.90
	33	87.3	13.94	104.0	17.50	120.8	21.38	129.4	23.48	138.1	25.66	154.9	29.29	171.6	31.35
	35	87.3	14.80	104.0	18.54	120.8	22.76	129.4	24.99	138.1	27.37	154.9	31.05	169.8	32.49
	37	87.3	15.66	104.0	19.73	120.8	24.14	129.4	26.58	138.1	29.07	154.9	32.76	167.0	33.96
	39	87.3	16.54	104.0	20.85	120.8	25.82	129.4	28.57	138.1	31.25	154.9	34.62	164.3	35.83
	41	85.0	18.30	101.3	23.10	117.6	28.34	126.1	31.32	134.6	34.33	150.9	38.52	157.4	39.71
	43	82.9	20.15	98.8	25.22	114.8	30.94	123.0	34.14	131.3	37.52	147.1	41.22	150.9	42.50
	46	77.7	22.42	92.6	28.40	107.5	34.86	115.3	37.99	123.0	42.33	134.6	45.01	137.8	45.72
	48	68.8	19.58	81.9	24.84	95.1	30.48	102.0	33.18	108.9	37.06	116.9	38.95	119.6	39.35

7. Capacity Tables

Cooling Capacity (46RT)

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	76.2	8.38	91.4	9.97	105.7	11.55	113.2	12.49	120.8	13.34	135.3	15.19	150.3	17.00
	12	76.2	8.52	91.4	10.11	105.7	11.82	113.2	12.68	120.8	13.60	135.3	15.45	150.3	17.31
	14	76.2	8.65	91.4	10.23	105.7	12.02	113.2	12.87	120.8	13.80	135.3	15.79	150.3	17.62
	16	76.2	8.79	91.4	10.44	105.7	12.22	113.2	13.14	120.8	14.07	135.3	16.05	150.3	18.00
	18	76.2	8.92	91.4	10.64	105.7	12.49	113.2	13.40	120.8	14.33	135.3	16.31	150.3	18.32
	20	76.2	9.05	91.4	10.84	105.7	12.68	113.2	13.67	120.8	14.66	135.3	16.71	150.3	19.02
	21	76.2	9.18	91.4	10.90	105.7	12.81	113.2	13.80	120.8	14.79	135.3	16.97	150.3	19.43
	23	76.2	9.31	91.4	11.16	105.7	13.07	113.2	14.26	120.8	15.53	135.3	18.16	150.3	20.51
	25	76.2	9.44	91.4	11.55	105.7	13.93	113.2	15.26	120.8	16.58	135.3	19.41	150.3	21.51
	27	76.2	9.97	91.4	12.35	105.7	14.86	113.2	16.17	120.8	17.69	135.3	20.74	150.3	22.85
	29	76.2	10.64	91.4	13.07	105.7	15.79	113.2	17.24	120.8	18.82	135.3	22.13	150.3	24.48
	31	76.2	11.29	91.4	13.93	105.7	16.84	113.2	18.43	120.8	20.07	135.3	23.57	150.3	25.98
	33	76.2	11.96	91.4	14.72	105.7	17.90	113.2	19.54	120.8	21.33	135.3	25.09	150.3	27.66
	35	76.2	12.60	91.4	15.72	105.7	19.02	113.2	20.81	120.8	22.71	135.3	26.75	150.3	29.33
	37	76.2	13.40	91.4	16.64	105.7	20.20	113.2	22.13	120.8	24.18	135.3	28.46	150.3	30.94
	39	76.2	14.24	91.4	17.76	105.7	21.61	113.2	23.80	120.8	26.11	135.3	30.46	150.3	33.36
	41	74.4	15.74	89.1	19.45	103.1	23.71	110.4	26.10	117.6	28.38	131.7	33.46	146.3	35.99
	43	72.5	17.14	86.8	21.19	100.6	25.85	107.7	28.46	114.8	31.00	128.5	36.55	142.8	38.92
	46	67.9	19.05	81.3	23.83	94.2	29.13	100.8	31.71	107.5	34.93	120.4	41.23	133.8	43.38
	48	60.1	16.62	71.9	20.81	83.3	25.46	89.2	27.70	95.1	30.56	106.6	36.07	118.4	37.54
60	10	65.3	7.30	78.0	8.56	90.7	9.95	97.1	10.67	103.4	11.33	116.2	12.86	128.8	14.39
	12	65.3	7.42	78.0	8.68	90.7	10.07	97.1	10.80	103.4	11.54	116.2	13.06	128.8	14.65
	14	65.3	7.50	78.0	8.81	90.7	10.28	97.1	11.00	103.4	11.73	116.2	13.33	128.8	14.91
	16	65.3	7.62	78.0	9.02	90.7	10.41	97.1	11.21	103.4	12.00	116.2	13.60	128.8	15.18
	18	65.3	7.76	78.0	9.14	90.7	10.60	97.1	11.41	103.4	12.20	116.2	13.79	128.8	15.52
	20	65.3	7.88	78.0	9.28	90.7	10.80	97.1	11.60	103.4	12.40	116.2	14.06	128.8	15.84
	21	65.3	7.96	78.0	9.35	90.7	10.94	97.1	11.73	103.4	12.53	116.2	14.25	128.8	15.97
	23	65.3	8.09	78.0	9.55	90.7	11.07	97.1	11.93	103.4	12.79	116.2	14.78	128.8	16.97
	25	65.3	8.23	78.0	9.74	90.7	11.54	97.1	12.53	103.4	13.60	116.2	15.78	128.8	18.16
	27	65.3	8.49	78.0	10.28	90.7	12.26	97.1	13.33	103.4	14.45	116.2	16.77	128.8	19.36
	29	65.3	9.02	78.0	10.94	90.7	13.06	97.1	14.19	103.4	15.38	116.2	17.89	128.8	20.68
	31	65.3	9.55	78.0	11.60	90.7	13.86	97.1	15.12	103.4	16.38	116.2	19.09	128.8	22.01
	33	65.3	10.07	78.0	12.26	90.7	14.71	97.1	16.04	103.4	17.43	116.2	20.29	128.8	23.47
	35	65.3	10.67	78.0	13.06	90.7	15.64	97.1	17.04	103.4	18.50	116.2	21.62	128.8	24.92
	37	65.3	11.27	78.0	13.78	90.7	16.58	97.1	18.10	103.4	19.62	116.2	22.94	128.8	26.52
	39	65.3	11.98	78.0	14.68	90.7	17.89	97.1	19.41	103.4	21.12	116.2	24.60	128.8	28.42
	41	63.5	12.99	75.9	16.06	88.4	19.43	94.6	21.21	100.8	22.92	113.2	27.00	125.6	30.88
	43	62.1	14.12	74.1	17.48	86.3	21.18	92.3	23.11	98.3	25.00	110.4	29.47	122.4	33.73
	46	58.2	15.82	69.5	19.64	80.8	23.81	86.5	25.98	92.1	28.13	103.4	33.20	114.8	38.43
	48	51.5	13.78	61.5	17.13	71.5	20.81	76.4	22.69	81.5	24.58	91.5	29.03	101.5	33.62
50	10	54.6	6.32	65.3	7.32	75.7	8.31	81.0	8.92	86.1	9.45	96.5	10.64	107.5	11.85
	12	54.6	6.39	65.3	7.39	75.7	8.45	81.0	9.04	86.1	9.65	96.5	10.85	107.5	12.05
	14	54.6	6.45	65.3	7.53	75.7	8.58	81.0	9.18	86.1	9.78	96.5	10.98	107.5	12.24
	16	54.6	6.59	65.3	7.65	75.7	8.72	81.0	9.38	86.1	9.91	96.5	11.19	107.5	12.45
	18	54.6	6.66	65.3	7.72	75.7	8.86	81.0	9.51	86.1	10.11	96.5	11.38	107.5	12.70
	20	54.6	6.72	65.3	7.85	75.7	9.04	81.0	9.65	86.1	10.32	96.5	11.58	107.5	12.98
	21	54.6	6.80	65.3	7.92	75.7	9.12	81.0	9.78	86.1	10.38	96.5	11.71	107.5	13.11
	23	54.6	6.92	65.3	8.05	75.7	9.25	81.0	9.91	86.1	10.58	96.5	11.92	107.5	13.37
	25	54.6	6.98	65.3	8.19	75.7	9.45	81.0	10.11	86.1	10.92	96.5	12.52	107.5	14.30
	27	54.6	7.12	65.3	8.45	75.7	9.99	81.0	10.78	86.1	11.58	96.5	13.37	107.5	15.24
	29	54.6	7.53	65.3	8.99	75.7	10.58	81.0	11.45	86.1	12.32	96.5	14.17	107.5	16.17
	31	54.6	7.92	65.3	9.51	75.7	11.24	81.0	12.11	86.1	13.11	96.5	15.11	107.5	17.23
	33	54.6	8.39	65.3	10.05	75.7	11.92	81.0	12.84	86.1	13.92	96.5	16.04	107.5	18.37
	35	54.6	8.86	65.3	10.64	75.7	12.58	81.0	13.64	86.1	14.71	96.5	16.97	107.5	19.50
	37	54.6	9.38	65.3	11.24	75.7	13.31	81.0	14.44	86.1	15.57	96.5	18.10	107.5	20.69
	39	54.6	10.00	65.3	12.06	75.7	14.26	81.0	15.54	86.1	16.71	96.5	19.27	107.5	22.35
	41	53.2	10.82	63.5	13.05	73.7	15.59	78.8	16.84	84.0	18.10	94.1	21.13	104.7	24.28
	43	51.9	11.77	62.1	14.20	72.0	16.97	76.9	18.33	81.9	19.71	91.7	23.05	102.1	26.48
	46	48.6	13.17	58.2	15.93	67.5	19.04	72.1	20.59	76.7	22.13	85.9	25.93	95.7	29.82
	48	43.1	11.48	51.5	13.89	59.7	16.60	63.8	17.96	67.9	19.32	76.0	22.66	84.7	26.07

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

◆ ARUV578BTE5 / ARUV578DTE5

Cooling Capacity (48RT)

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	167.2	18.34	199.1	22.42	213.4	26.02	219.5	26.54	225.7	26.75	236.5	26.97	242.6	27.08
	12	167.2	18.81	199.1	23.22	213.4	27.08	219.5	27.25	225.7	27.48	236.5	27.69	242.6	27.94
	14	167.2	19.43	199.1	24.07	213.4	28.10	219.5	28.30	225.7	28.53	236.5	28.76	242.6	29.01
	16	167.2	20.14	199.1	24.91	213.4	29.36	219.5	29.63	225.7	29.87	236.5	30.14	242.6	30.37
	18	167.2	20.99	199.1	26.34	213.4	30.70	219.5	31.37	225.7	31.62	236.5	31.93	242.6	32.15
	20	167.2	21.91	199.1	28.06	213.4	32.22	219.5	34.51	225.7	34.78	233.1	35.12	239.2	35.37
	21	167.2	22.48	199.1	29.06	213.4	32.89	219.5	36.51	225.7	36.80	231.7	37.17	237.9	37.43
	23	167.2	24.13	199.1	30.56	213.4	34.61	219.5	40.30	222.8	40.61	228.3	41.02	234.4	41.30
	25	167.2	25.77	199.1	32.32	213.4	36.99	216.8	44.69	219.5	45.04	225.7	45.48	231.7	45.80
	27	167.2	27.58	199.1	34.55	210.7	39.40	213.4	49.20	216.8	49.59	222.8	50.07	228.3	50.42
	29	167.2	29.38	199.1	36.94	207.2	42.39	210.4	54.07	213.4	54.38	219.5	54.88	225.7	55.09
	31	167.2	31.35	198.5	38.91	203.8	45.09	207.2	53.83	210.4	54.16	216.1	54.64	222.1	54.85
	33	167.2	33.40	195.0	41.22	201.1	48.37	204.4	53.35	207.2	53.66	213.4	54.14	218.7	54.36
	35	167.2	35.62	191.7	43.17	197.6	52.39	201.1	52.65	204.4	52.96	209.9	53.43	216.1	53.66
	37	167.2	37.98	188.9	45.30	195.0	51.69	197.6	51.95	201.1	52.26	206.7	52.74	212.8	52.94
	39	167.2	40.44	185.6	47.69	191.7	51.01	195.0	51.27	197.6	51.57	203.8	52.03	209.9	52.24
	41	162.9	42.91	177.9	50.07	183.8	50.31	186.6	50.57	190.2	50.87	196.0	51.32	201.3	51.52
	43	158.9	45.25	170.4	49.37	176.3	49.62	179.0	49.87	182.7	50.17	188.3	50.62	193.3	50.82
	46	148.8	48.43	155.5	48.34	161.1	48.59	163.7	48.82	167.0	49.11	172.3	49.56	177.0	49.76
	48	131.8	47.08	135.0	47.23	140.0	47.33	142.4	47.46	145.3	47.87	150.1	48.17	154.2	48.37
120	10	151.2	16.51	179.9	20.23	196.6	24.05	202.6	25.99	208.6	26.40	220.0	26.51	225.3	26.72
	12	151.2	16.96	179.9	20.93	196.6	25.02	202.6	26.54	208.6	27.38	220.0	27.71	225.3	27.94
	14	151.2	17.53	179.9	21.63	196.6	26.02	202.6	27.55	208.6	28.38	220.0	28.81	225.3	29.03
	16	151.2	18.16	179.9	22.52	196.6	27.03	202.6	28.58	208.6	29.69	220.0	30.05	225.3	30.30
	18	151.2	18.87	179.9	23.53	196.6	28.11	202.6	30.08	208.6	31.22	220.0	31.57	225.3	31.82
	20	151.2	19.60	179.9	24.95	196.6	29.62	202.6	31.65	208.6	32.87	220.0	33.30	225.3	33.57
	21	151.2	20.18	179.9	25.86	196.6	30.45	202.6	32.59	208.6	33.95	220.0	34.38	225.3	34.66
	23	151.2	21.59	179.9	27.66	196.6	32.64	202.6	34.62	208.6	36.20	220.0	36.56	225.3	36.85
	25	151.2	23.07	179.9	29.63	196.6	34.42	202.6	36.91	208.6	38.82	217.3	39.14	222.6	39.46
	27	151.2	24.62	179.9	31.67	196.6	36.63	202.6	39.44	208.6	41.72	213.9	41.99	219.2	42.33
	29	151.2	26.27	179.9	33.81	196.6	38.54	202.6	42.20	205.3	44.46	210.6	45.12	216.6	45.48
	31	151.2	27.99	179.9	36.11	196.6	40.55	200.0	45.22	202.6	47.69	208.0	48.54	213.2	48.93
	33	151.2	29.79	179.9	38.49	193.9	42.89	196.6	49.08	199.2	51.20	204.6	51.79	209.9	52.20
	35	151.2	31.67	179.9	41.03	190.6	45.39	193.3	54.07	196.6	54.33	201.9	54.49	207.2	54.93
	37	151.2	34.07	179.9	43.30	187.9	48.39	190.6	52.93	193.3	53.19	198.6	53.35	203.9	53.77
	39	151.2	36.68	179.3	45.76	184.6	51.33	187.2	51.84	189.9	52.10	196.0	52.25	201.3	52.66
	41	147.4	39.29	171.4	48.23	177.3	50.32	179.7	50.76	182.3	51.01	187.6	51.16	193.0	51.57
	43	143.8	41.94	164.2	47.53	169.9	49.19	172.3	49.66	175.0	49.91	180.1	50.06	185.3	50.46
	46	134.7	45.09	149.8	46.40	155.2	47.64	157.5	48.03	159.9	48.27	164.7	48.42	169.6	48.79
	48	119.2	44.17	130.1	45.58	134.9	46.71	136.9	47.00	139.0	47.15	143.3	47.33	147.7	47.53
110	10	135.5	14.84	161.6	18.09	180.5	21.49	185.6	23.27	197.4	25.05	201.9	25.73	215.7	26.16
	12	135.5	15.31	161.6	18.70	180.5	22.38	185.6	23.93	197.4	25.97	201.9	26.81	215.7	27.44
	14	135.5	15.79	161.6	19.55	180.5	23.40	185.6	25.11	197.4	27.28	201.9	28.06	215.7	28.66
	16	135.5	16.35	161.6	20.26	180.5	24.37	185.6	26.21	197.4	28.55	201.9	29.33	215.7	29.84
	18	135.5	16.96	161.6	21.10	180.5	25.77	185.6	27.59	197.4	30.11	201.9	30.70	215.7	31.28
	20	135.5	17.57	161.6	22.16	180.5	27.33	185.6	28.86	197.4	31.57	201.9	32.35	215.7	32.87
	21	135.5	17.95	161.6	22.82	180.5	28.03	185.6	29.64	197.4	32.46	201.9	33.27	215.7	33.79
	23	135.5	19.12	161.6	24.46	180.5	29.59	185.6	31.29	197.4	34.29	201.9	35.02	215.7	35.59
	25	135.5	20.43	161.6	26.11	180.5	31.26	185.6	33.07	197.4	36.22	201.9	36.74	213.0	37.49
	27	135.5	21.83	161.6	27.91	180.5	33.04	185.6	35.01	197.4	37.82	201.9	38.69	209.9	39.35
	29	135.5	23.31	161.6	29.79	180.5	34.92	185.6	37.07	197.4	39.98	201.9	40.66	207.2	41.28
	31	135.5	24.79	161.6	31.76	180.5	36.90	185.6	39.28	194.2	42.01	199.4	42.83	203.9	43.28
	33	135.5	26.43	161.6	33.81	180.5	38.98	185.6	41.63	191.5	44.36	196.1	45.09	201.3	45.34
	35	135.5	28.06	161.6	36.11	180.5	41.17	185.6	44.11	188.3	46.81	192.8	47.26	198.1	47.48
	37	135.5	29.75	161.6	38.32	180.5	43.46	183.1	46.72	185.1	49.38	190.2	49.55	194.7	49.69
	39	135.5	32.07	161.6	40.72	177.3	45.86	179.8	49.98	182.4	51.83	187.0	51.91	192.3	51.96
	41	132.0	34.40	157.4	43.14	169.6	48.37	172.2	54.07	174.5	54.07	179.7	54.49	184.1	54.93
	43	128.8	36.12	153.5	44.93	162.6	51.29	165.3	51.85	167.4	51.74	172.3	52.04	176.7	52.19
	46	120.8	35.26	143.9	43.38	148.3	48.68	150.9	48.67	152.9	49.09	157.6	49.35	161.6	49.49
	48	106.8	34.24	125.1	41.78	128.9	46.31	131.2	46.61	132.8	46.84	137.1	46.97	140.6	47.16

7. Capacity Tables

Cooling Capacity (48RT)

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	114.0	13.36	135.7	16.25	157.9	19.28	168.8	20.83	179.7	22.38	199.2	24.91	203.5	25.11
	12	114.0	13.79	135.7	16.92	157.9	19.93	168.8	21.40	179.7	23.09	199.2	26.25	203.5	26.52
	14	114.0	14.23	135.7	17.59	157.9	20.77	168.8	22.32	179.7	24.09	199.2	27.72	203.5	27.98
	16	114.0	14.66	135.7	18.18	157.9	21.65	168.8	23.38	179.7	25.39	199.2	29.06	203.5	29.47
	18	114.0	15.09	135.7	18.85	157.9	22.50	168.8	24.51	179.7	26.92	199.2	30.70	203.5	30.95
	20	114.0	15.64	135.7	19.56	157.9	23.80	168.8	26.27	179.7	28.81	199.2	32.17	203.5	32.43
	21	114.0	15.95	135.7	20.02	157.9	24.62	168.8	27.16	179.7	29.87	199.2	32.91	203.5	33.18
	23	114.0	16.91	135.7	21.42	157.9	26.43	168.8	29.13	179.7	32.01	199.2	34.46	203.5	34.73
	25	114.0	17.98	135.7	22.82	157.9	28.22	168.8	31.19	179.7	34.22	199.2	35.93	201.9	36.22
	27	114.0	19.21	135.7	24.38	157.9	30.20	168.8	33.32	179.7	36.38	195.2	37.62	199.5	37.92
	29	114.0	20.43	135.7	26.02	157.9	32.26	168.8	35.62	179.7	38.52	191.7	39.13	196.5	39.44
	31	114.0	21.83	135.7	27.74	157.9	34.40	168.8	38.00	179.7	40.46	188.8	40.66	193.3	40.97
	33	114.0	23.14	135.7	29.55	157.9	36.69	168.8	40.55	179.7	41.99	185.8	42.17	190.4	42.50
	35	114.0	24.62	135.7	31.42	157.9	39.07	168.8	43.25	176.9	43.51	182.4	43.67	187.0	44.03
	37	114.0	26.37	135.7	33.71	157.9	41.38	168.8	45.31	174.0	45.53	179.0	45.71	183.2	46.14
	39	114.0	28.27	135.7	36.22	157.9	43.86	168.8	47.53	171.2	47.73	176.2	47.92	180.3	48.37
	41	112.2	30.17	133.5	38.72	155.4	46.31	162.0	49.74	165.5	49.94	169.4	50.12	174.9	50.57
	43	108.3	31.93	128.9	41.05	150.1	48.54	155.3	51.63	157.1	51.83	161.9	51.99	166.2	52.49
	46	101.6	34.35	120.8	44.25	140.7	51.48	141.9	54.07	143.3	54.22	147.9	54.38	152.0	54.89
	48	89.8	29.66	106.9	38.29	121.4	44.01	123.2	45.87	124.6	46.03	128.6	46.13	132.0	46.50
90	10	102.5	11.60	122.4	13.94	142.4	16.44	152.0	17.72	161.6	19.07	181.4	21.33	201.4	23.74
	12	102.5	11.74	122.4	14.16	142.4	16.72	152.0	18.08	161.6	19.49	181.4	21.77	201.4	24.15
	14	102.5	11.95	122.4	14.44	142.4	17.07	152.0	18.44	161.6	19.85	181.4	22.19	201.4	24.64
	16	102.5	12.16	122.4	14.72	142.4	17.43	152.0	18.78	161.6	20.21	181.4	22.61	201.4	25.07
	18	102.5	12.39	122.4	15.02	142.4	17.72	152.0	19.21	161.6	20.64	181.4	23.10	201.4	26.33
	20	102.5	12.59	122.4	15.30	142.4	18.08	152.0	19.57	161.6	21.41	181.4	24.72	201.4	27.58
	21	102.5	12.74	122.4	15.44	142.4	18.44	152.0	20.21	161.6	22.19	181.4	25.12	201.4	28.22
	23	102.5	13.02	122.4	16.08	142.4	19.71	152.0	21.69	161.6	23.77	181.4	26.64	198.6	29.55
	25	102.5	13.67	122.4	17.15	142.4	21.06	152.0	23.20	161.6	25.41	181.4	28.49	195.7	30.80
	27	102.5	14.59	122.4	18.28	142.4	22.49	152.0	24.76	161.6	27.18	181.4	30.29	192.8	32.24
	29	102.5	15.44	122.4	19.49	142.4	24.04	152.0	26.46	161.6	29.02	181.4	32.08	189.9	33.55
	31	102.5	16.44	122.4	20.77	142.4	25.61	152.0	28.18	161.6	30.94	181.4	33.68	187.1	34.85
	33	102.5	17.50	122.4	22.13	142.4	27.32	152.0	30.02	161.6	32.83	181.4	35.32	184.2	36.15
	35	102.5	18.57	122.4	23.47	142.4	29.02	152.0	32.02	161.6	34.80	178.4	37.35	181.3	38.19
	37	102.5	19.71	122.4	24.97	142.4	30.96	152.0	34.02	161.6	36.74	175.5	39.04	178.4	39.91
	39	102.5	20.86	122.4	26.55	142.4	32.76	152.0	36.19	161.6	38.63	172.6	41.15	175.6	41.65
	41	99.8	23.35	119.3	29.45	138.6	35.96	148.1	39.57	157.4	41.71	165.4	43.37	168.3	44.37
	43	97.4	25.21	116.3	31.82	135.2	39.27	144.3	42.63	153.5	44.73	158.6	46.43	161.4	47.01
	46	91.2	28.37	109.0	36.24	126.7	44.74	135.2	48.32	139.5	49.69	144.8	50.98	147.5	51.05
	48	80.7	24.80	96.5	31.70	112.1	39.15	119.7	42.16	121.2	42.82	125.8	43.88	128.2	43.93
80	10	91.0	9.73	108.5	11.70	126.0	13.72	135.0	14.80	144.0	15.89	161.6	18.12	179.0	19.67
	12	91.0	9.93	108.5	11.83	126.0	13.99	135.0	15.07	144.0	16.16	161.6	18.45	179.0	20.05
	14	91.0	10.07	108.5	12.11	126.0	14.20	135.0	15.35	144.0	16.43	161.6	18.79	179.0	20.45
	16	91.0	10.21	108.5	12.31	126.0	14.46	135.0	15.61	144.0	16.76	161.6	19.19	179.0	20.84
	18	91.0	10.41	108.5	12.51	126.0	14.74	135.0	15.89	144.0	17.10	161.6	19.54	179.0	21.29
	20	91.0	10.61	108.5	12.78	126.0	15.07	135.0	16.22	144.0	17.45	161.6	20.28	179.0	22.56
	21	91.0	10.68	108.5	12.92	126.0	15.21	135.0	16.43	144.0	17.85	161.6	20.92	179.0	23.16
	23	91.0	10.88	108.5	13.11	126.0	15.89	135.0	17.45	144.0	19.06	161.6	22.09	179.0	24.31
	25	91.0	11.29	108.5	13.99	126.0	17.04	135.0	18.65	144.0	20.42	161.6	23.64	179.0	25.98
	27	91.0	11.97	108.5	14.87	126.0	18.19	135.0	19.94	144.0	21.77	161.6	25.12	179.0	27.34
	29	91.0	12.71	108.5	15.89	126.0	19.33	135.0	21.23	144.0	23.25	161.6	26.91	179.0	29.26
	31	91.0	13.51	108.5	16.84	126.0	20.62	135.0	22.65	144.0	24.74	161.6	28.56	179.0	30.73
	33	91.0	14.32	108.5	17.99	126.0	21.98	135.0	24.13	144.0	26.37	161.6	30.10	179.0	32.22
	35	91.0	15.21	108.5	19.06	126.0	23.39	135.0	25.68	144.0	28.12	161.6	31.91	177.1	33.39
	37	91.0	16.09	108.5	20.28	126.0	24.81	135.0	27.31	144.0	29.87	161.6	33.67	174.3	34.90
	39	91.0	17.00	108.5	21.43	126.0	26.54	135.0	29.36	144.0	32.11	161.6	35.58	171.4	36.83
	41	88.7	18.81	105.7	23.74	122.7	29.12	131.5	32.19	140.4	35.28	157.4	39.59	164.2	40.81
	43	86.4	20.70	103.1	25.91	119.8	31.80	128.3	35.08	136.9	38.56	153.5	42.37	157.4	43.68
	46	81.1	23.04	96.6	29.19	112.2	35.83	120.3	39.04	128.3	43.51	140.5	46.26	143.8	46.99
	48	71.8	20.12	85.5	25.52	99.2	31.32	106.4	34.10	113.6	38.09	121.9	40.03	124.8	40.44

7. Capacity Tables

Cooling Capacity (48RT)

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	79.5	8.56	95.3	10.18	110.3	11.80	118.1	12.75	126.0	13.63	141.1	15.52	156.8	17.36
	12	79.5	8.70	95.3	10.32	110.3	12.08	118.1	12.95	126.0	13.89	141.1	15.78	156.8	17.67
	14	79.5	8.84	95.3	10.45	110.3	12.28	118.1	13.15	126.0	14.09	141.1	16.12	156.8	18.00
	16	79.5	8.97	95.3	10.66	110.3	12.48	118.1	13.42	126.0	14.37	141.1	16.39	156.8	18.39
	18	79.5	9.11	95.3	10.86	110.3	12.75	118.1	13.69	126.0	14.64	141.1	16.65	156.8	18.71
	20	79.5	9.24	95.3	11.07	110.3	12.95	118.1	13.97	126.0	14.97	141.1	17.07	156.8	19.42
	21	79.5	9.38	95.3	11.13	110.3	13.08	118.1	14.09	126.0	15.10	141.1	17.33	156.8	19.84
	23	79.5	9.51	95.3	11.40	110.3	13.35	118.1	14.56	126.0	15.86	141.1	18.54	156.8	20.94
	25	79.5	9.64	95.3	11.80	110.3	14.23	118.1	15.58	126.0	16.93	141.1	19.83	156.8	21.97
	27	79.5	10.18	95.3	12.62	110.3	15.18	118.1	16.52	126.0	18.07	141.1	21.18	156.8	23.33
	29	79.5	10.86	95.3	13.35	110.3	16.12	118.1	17.61	126.0	19.22	141.1	22.60	156.8	25.00
	31	79.5	11.53	95.3	14.23	110.3	17.19	118.1	18.82	126.0	20.50	141.1	24.08	156.8	26.54
	33	79.5	12.21	95.3	15.04	110.3	18.28	118.1	19.96	126.0	21.78	141.1	25.63	156.8	28.25
	35	79.5	12.87	95.3	16.06	110.3	19.42	118.1	21.25	126.0	23.20	141.1	27.32	156.8	29.95
	37	79.5	13.69	95.3	17.00	110.3	20.64	118.1	22.60	126.0	24.69	141.1	29.07	156.8	31.60
	39	79.5	14.54	95.3	18.14	110.3	22.07	118.1	24.31	126.0	26.66	141.1	31.11	156.8	34.07
	41	77.6	16.08	92.9	19.86	107.5	24.21	115.2	26.65	122.7	28.99	137.4	34.17	152.7	36.76
	43	75.7	17.50	90.5	21.64	104.9	26.41	112.3	29.07	119.8	31.66	134.1	37.33	149.0	39.75
	46	70.9	19.45	84.8	24.34	98.2	29.75	105.2	32.38	112.2	35.68	125.6	42.10	139.5	44.30
	48	62.7	16.97	75.0	21.26	86.9	26.00	93.1	28.30	99.2	31.21	111.2	36.84	123.5	38.34
60	10	68.1	7.41	81.4	8.69	94.6	10.10	101.3	10.83	107.9	11.50	121.2	13.05	134.4	14.61
	12	68.1	7.54	81.4	8.81	94.6	10.22	101.3	10.96	107.9	11.72	121.2	13.25	134.4	14.87
	14	68.1	7.61	81.4	8.94	94.6	10.44	101.3	11.17	107.9	11.91	121.2	13.53	134.4	15.13
	16	68.1	7.74	81.4	9.15	94.6	10.56	101.3	11.38	107.9	12.18	121.2	13.80	134.4	15.41
	18	68.1	7.87	81.4	9.28	94.6	10.76	101.3	11.58	107.9	12.38	121.2	13.99	134.4	15.75
	20	68.1	8.00	81.4	9.42	94.6	10.96	101.3	11.77	107.9	12.58	121.2	14.27	134.4	16.08
	21	68.1	8.08	81.4	9.49	94.6	11.10	101.3	11.91	107.9	12.72	121.2	14.47	134.4	16.21
	23	68.1	8.21	81.4	9.69	94.6	11.24	101.3	12.11	107.9	12.99	121.2	15.00	134.4	17.22
	25	68.1	8.35	81.4	9.89	94.6	11.72	101.3	12.72	107.9	13.80	121.2	16.01	134.4	18.44
	27	68.1	8.61	81.4	10.44	94.6	12.45	101.3	13.53	107.9	14.67	121.2	17.02	134.4	19.65
	29	68.1	9.15	81.4	11.10	94.6	13.25	101.3	14.40	107.9	15.61	121.2	18.16	134.4	20.99
	31	68.1	9.69	81.4	11.77	94.6	14.07	101.3	15.35	107.9	16.63	121.2	19.38	134.4	22.34
	33	68.1	10.22	81.4	12.45	94.6	14.93	101.3	16.28	107.9	17.70	121.2	20.60	134.4	23.82
	35	68.1	10.83	81.4	13.25	94.6	15.88	101.3	17.29	107.9	18.78	121.2	21.94	134.4	25.30
	37	68.1	11.44	81.4	13.99	94.6	16.83	101.3	18.37	107.9	19.92	121.2	23.28	134.4	26.91
	39	68.1	12.16	81.4	14.90	94.6	18.16	101.3	19.70	107.9	21.43	121.2	24.97	134.4	28.84
	41	66.3	13.19	79.2	16.30	92.2	19.72	98.7	21.53	105.1	23.27	118.1	27.40	131.0	31.34
	43	64.8	14.33	77.3	17.74	90.0	21.49	96.3	23.46	102.6	25.37	115.2	29.91	127.7	34.23
	46	60.8	16.06	72.5	19.93	84.3	24.17	90.2	26.37	96.0	28.55	107.9	33.69	119.8	39.00
	48	53.7	13.99	64.1	17.39	74.6	21.12	79.7	23.03	85.0	24.95	95.5	29.46	105.9	34.13
50	10	57.0	6.37	68.1	7.38	79.0	8.39	84.5	9.00	89.8	9.53	100.7	10.74	112.1	11.95
	12	57.0	6.44	68.1	7.46	79.0	8.52	84.5	9.12	89.8	9.73	100.7	10.95	112.1	12.15
	14	57.0	6.51	68.1	7.59	79.0	8.66	84.5	9.26	89.8	9.86	100.7	11.07	112.1	12.35
	16	57.0	6.64	68.1	7.72	79.0	8.80	84.5	9.46	89.8	10.00	100.7	11.28	112.1	12.56
	18	57.0	6.72	68.1	7.78	79.0	8.93	84.5	9.60	89.8	10.20	100.7	11.48	112.1	12.81
	20	57.0	6.78	68.1	7.92	79.0	9.12	84.5	9.73	89.8	10.41	100.7	11.69	112.1	13.09
	21	57.0	6.86	68.1	7.98	79.0	9.20	84.5	9.86	89.8	10.47	100.7	11.81	112.1	13.23
	23	57.0	6.98	68.1	8.12	79.0	9.33	84.5	10.00	89.8	10.67	100.7	12.02	112.1	13.49
	25	57.0	7.05	68.1	8.26	79.0	9.53	84.5	10.20	89.8	11.01	100.7	12.62	112.1	14.43
	27	57.0	7.18	68.1	8.52	79.0	10.07	84.5	10.87	89.8	11.69	100.7	13.49	112.1	15.38
	29	57.0	7.59	68.1	9.07	79.0	10.67	84.5	11.55	89.8	12.42	100.7	14.29	112.1	16.32
	31	57.0	7.98	68.1	9.60	79.0	11.34	84.5	12.21	89.8	13.23	100.7	15.24	112.1	17.38
	33	57.0	8.46	68.1	10.14	79.0	12.02	84.5	12.95	89.8	14.04	100.7	16.18	112.1	18.53
	35	57.0	8.93	68.1	10.74	79.0	12.69	84.5	13.76	89.8	14.84	100.7	17.12	112.1	19.67
	37	57.0	9.46	68.1	11.34	79.0	13.43	84.5	14.57	89.8	15.70	100.7	18.26	112.1	20.87
	39	57.0	10.09	68.1	12.16	79.0	14.38	84.5	15.67	89.8	16.86	100.7	19.44	112.1	22.55
	41	55.5	10.92	66.3	13.16	76.9	15.72	82.2	16.99	87.6	18.26	98.2	21.32	109.3	24.50
	43	54.1	11.87	64.8	14.32	75.1	17.12	80.2	18.49	85.4	19.88	95.7	23.25	106.6	26.71
	46	50.7	13.29	60.8	16.07	70.4	19.21	75.2	20.77	80.0	22.33	89.6	26.16	99.8	30.08
	48	44.9	11.58	53.7	14.01	62.2	16.75	66.5	18.12	70.8	19.48	79.2	22.86	88.3	26.30

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

◆ ARUV603BTE5 / ARUV603DTE5

Cooling Capacity (50RT)

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	174.1	19.89	207.3	24.31	222.3	28.22	228.6	28.78	235.1	29.02	246.3	29.25	252.6	29.37
	12	174.1	20.40	207.3	25.19	222.3	29.37	228.6	29.56	235.1	29.81	246.3	30.03	252.6	30.30
	14	174.1	21.08	207.3	26.10	222.3	30.47	228.6	30.69	235.1	30.95	246.3	31.20	252.6	31.47
	16	174.1	21.84	207.3	27.02	222.3	31.84	228.6	32.13	235.1	32.40	246.3	32.69	252.6	32.94
	18	174.1	22.77	207.3	28.56	222.3	33.30	228.6	34.03	235.1	34.30	246.3	34.64	252.6	34.87
	20	174.1	23.77	207.3	30.44	222.3	34.94	228.6	37.43	235.1	37.72	242.8	38.09	249.1	38.36
	21	174.1	24.38	207.3	31.52	222.3	35.67	228.6	39.60	235.1	39.92	241.3	40.31	247.8	40.60
	23	174.1	26.17	207.3	33.15	222.3	37.53	228.6	43.71	232.1	44.05	237.8	44.49	244.1	44.79
	25	174.1	27.95	207.3	35.06	222.3	40.12	225.8	48.47	228.6	48.86	235.1	49.33	241.3	49.67
	27	174.1	29.91	207.3	37.48	219.5	42.73	222.3	53.36	225.8	53.78	232.1	54.31	237.8	54.68
	29	174.1	31.86	207.3	40.07	215.8	45.98	219.1	58.64	222.3	58.98	228.6	59.52	235.1	59.76
	31	174.1	34.01	206.8	42.20	212.3	48.91	215.8	58.39	219.1	58.74	225.1	59.27	231.3	59.49
	33	174.1	36.23	203.1	44.71	209.5	52.46	212.8	57.86	215.8	58.20	222.3	58.73	227.8	58.96
	35	174.1	38.63	199.6	46.83	205.8	56.83	209.5	57.10	212.8	57.44	218.6	57.95	225.1	58.20
	37	174.1	41.19	196.8	49.13	203.1	56.07	205.8	56.34	209.5	56.68	215.3	57.20	221.6	57.42
	39	174.1	43.86	193.3	51.72	199.6	55.32	203.1	55.61	205.8	55.93	212.3	56.44	218.6	56.66
	41	169.6	46.54	185.3	54.31	191.5	54.56	194.3	54.85	198.1	55.17	204.1	55.66	209.6	55.88
	43	165.5	49.08	177.5	53.55	183.6	53.82	186.5	54.09	190.3	54.41	196.1	54.90	201.3	55.12
	46	155.0	52.53	162.0	52.43	167.8	52.70	170.5	52.95	174.0	53.26	179.5	53.75	184.3	53.97
	48	137.3	51.06	140.6	51.23	145.8	51.33	148.3	51.48	151.3	51.92	156.3	52.24	160.6	52.46
120	10	157.5	17.91	187.3	21.94	204.8	26.09	211.0	28.19	217.3	28.63	229.1	28.76	234.6	28.98
	12	157.5	18.40	187.3	22.70	204.8	27.14	211.0	28.78	217.3	29.69	229.1	30.05	234.6	30.30
	14	157.5	19.01	187.3	23.46	204.8	28.22	211.0	29.88	217.3	30.78	229.1	31.25	234.6	31.49
	16	157.5	19.69	187.3	24.43	204.8	29.32	211.0	31.00	217.3	32.20	229.1	32.59	234.6	32.86
	18	157.5	20.47	187.3	25.53	204.8	30.49	211.0	32.62	217.3	33.86	229.1	34.25	234.6	34.52
	20	157.5	21.26	187.3	27.07	204.8	32.13	211.0	34.33	217.3	35.65	229.1	36.11	234.6	36.41
	21	157.5	21.89	187.3	28.05	204.8	33.03	211.0	35.35	217.3	36.82	229.1	37.29	234.6	37.60
	23	157.5	23.41	187.3	30.00	204.8	35.40	211.0	37.55	217.3	39.26	229.1	39.65	234.6	39.97
	25	157.5	25.02	187.3	32.13	204.8	37.33	211.0	40.04	217.3	42.10	226.3	42.46	231.8	42.80
	27	157.5	26.70	187.3	34.35	204.8	39.73	211.0	42.78	217.3	45.25	222.8	45.54	228.3	45.91
	29	157.5	28.49	187.3	36.67	204.8	41.80	211.0	45.78	213.8	48.23	219.3	48.94	225.6	49.33
	31	157.5	30.35	187.3	39.17	204.8	43.98	208.3	49.04	211.0	51.72	216.6	52.65	222.1	53.07
	33	157.5	32.32	187.3	41.75	202.0	46.52	204.8	53.24	207.5	55.53	213.1	56.17	218.6	56.61
	35	157.5	34.35	187.3	44.51	198.5	49.23	201.3	58.64	204.8	58.93	210.3	59.10	215.8	59.57
	37	157.5	36.96	187.3	46.96	195.6	52.48	198.5	57.41	201.3	57.69	206.8	57.86	212.3	58.32
	39	157.5	39.78	186.8	49.64	192.3	55.68	195.0	56.22	197.8	56.51	204.1	56.68	209.6	57.12
	41	153.5	42.61	178.5	52.31	184.6	54.58	187.1	55.05	189.8	55.32	195.3	55.49	201.0	55.93
	43	149.8	45.49	171.0	51.55	177.0	53.36	179.5	53.87	182.3	54.14	187.6	54.29	193.0	54.73
	46	140.3	48.91	156.0	50.33	161.6	51.67	164.0	52.09	166.5	52.36	171.5	52.51	176.6	52.92
	48	124.1	47.91	135.5	49.43	140.5	50.67	142.6	50.97	144.8	51.14	149.3	51.33	153.8	51.55
110	10	141.1	16.10	168.3	19.62	188.0	23.31	193.3	25.24	205.6	27.17	210.3	27.90	224.6	28.37
	12	141.1	16.61	168.3	20.28	188.0	24.28	193.3	25.95	205.6	28.17	210.3	29.08	224.6	29.76
	14	141.1	17.13	168.3	21.21	188.0	25.38	193.3	27.24	205.6	29.59	210.3	30.44	224.6	31.08
	16	141.1	17.74	168.3	21.97	188.0	26.43	193.3	28.42	205.6	30.96	210.3	31.81	224.6	32.37
	18	141.1	18.40	168.3	22.89	188.0	27.95	193.3	29.93	205.6	32.66	210.3	33.30	224.6	33.93
	20	141.1	19.06	168.3	24.04	188.0	29.64	193.3	31.30	205.6	34.25	210.3	35.09	224.6	35.65
	21	141.1	19.47	168.3	24.75	188.0	30.40	193.3	32.15	205.6	35.21	210.3	36.09	224.6	36.65
	23	141.1	20.74	168.3	26.53	188.0	32.10	193.3	33.94	205.6	37.19	210.3	37.99	224.6	38.60
	25	141.1	22.16	168.3	28.32	188.0	33.91	193.3	35.87	205.6	39.29	210.3	39.85	221.8	40.66
	27	141.1	23.68	168.3	30.27	188.0	35.84	193.3	37.97	205.6	41.02	210.3	41.97	218.6	42.68
	29	141.1	25.29	168.3	32.32	188.0	37.87	193.3	40.21	205.6	43.37	210.3	44.10	215.8	44.78
	31	141.1	26.88	168.3	34.45	188.0	40.02	193.3	42.61	202.3	45.57	207.6	46.45	212.3	46.94
	33	141.1	28.66	168.3	36.67	188.0	42.27	193.3	45.15	199.5	48.11	204.3	48.91	209.6	49.18
	35	141.1	30.44	168.3	39.17	188.0	44.66	193.3	47.84	196.1	50.77	200.8	51.26	206.3	51.50
	37	141.1	32.27	168.3	41.56	188.0	47.13	190.6	50.67	192.8	53.56	198.1	53.75	202.8	53.90
	39	141.1	34.79	168.3	44.17	184.6	49.74	187.3	54.21	190.0	56.22	194.8	56.31	200.3	56.36
	41	137.5	37.31	164.0	46.79	176.6	52.46	179.3	58.64	181.8	58.64	187.1	59.10	191.8	59.57
	43	134.1	39.17	159.8	48.74	169.3	55.63	172.1	56.24	174.3	56.12	179.5	56.44	184.0	56.61
	46	125.8	38.24	149.8	47.05	154.5	52.80	157.1	52.78	159.3	53.24	164.1	53.53	168.3	53.68
	48	111.3	37.14	130.3	45.32	134.3	50.23	136.6	50.55	138.3	50.80	142.8	50.94	146.5	51.16

7. Capacity Tables

Cooling Capacity (50RT)

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	118.8	14.49	141.3	17.62	164.5	20.91	175.8	22.60	187.1	24.28	207.5	27.02	212.0	27.24
	12	118.8	14.95	141.3	18.35	164.5	21.62	175.8	23.21	187.1	25.04	207.5	28.47	212.0	28.76
	14	118.8	15.44	141.3	19.08	164.5	22.53	175.8	24.21	187.1	26.12	207.5	30.07	212.0	30.35
	16	118.8	15.90	141.3	19.72	164.5	23.48	175.8	25.36	187.1	27.54	207.5	31.52	212.0	31.96
	18	118.8	16.37	141.3	20.45	164.5	24.41	175.8	26.58	187.1	29.20	207.5	33.30	212.0	33.57
	20	118.8	16.96	141.3	21.21	164.5	25.82	175.8	28.49	187.1	31.25	207.5	34.89	212.0	35.18
	21	118.8	17.30	141.3	21.72	164.5	26.70	175.8	29.46	187.1	32.40	207.5	35.70	212.0	35.99
	23	118.8	18.35	141.3	23.23	164.5	28.66	175.8	31.59	187.1	34.72	207.5	37.38	212.0	37.67
	25	118.8	19.50	141.3	24.75	164.5	30.61	175.8	33.82	187.1	37.11	207.5	38.97	210.3	39.29
	27	118.8	20.84	141.3	26.44	164.5	32.76	175.8	36.14	187.1	39.46	203.3	40.80	207.8	41.12
	29	118.8	22.16	141.3	28.22	164.5	34.99	175.8	38.63	187.1	41.78	199.6	42.44	204.6	42.78
	31	118.8	23.68	141.3	30.08	164.5	37.31	175.8	41.22	187.1	43.88	196.6	44.10	201.3	44.44
	33	118.8	25.09	141.3	32.05	164.5	39.80	175.8	43.98	187.1	45.54	193.5	45.74	198.3	46.10
	35	118.8	26.70	141.3	34.08	164.5	42.37	175.8	46.91	184.3	47.20	190.0	47.37	194.8	47.76
	37	118.8	28.61	141.3	36.57	164.5	44.88	175.8	49.14	181.3	49.38	186.5	49.57	190.8	50.04
	39	118.8	30.66	141.3	39.29	164.5	47.57	175.8	51.55	178.3	51.77	183.5	51.97	187.8	52.46
	41	116.8	32.72	139.0	42.00	161.8	50.23	168.8	53.95	172.3	54.17	176.5	54.36	182.1	54.85
	43	112.8	34.64	134.3	44.52	156.3	52.65	161.8	56.00	163.6	56.22	168.6	56.39	173.1	56.93
	46	105.8	37.26	125.8	47.99	146.5	55.83	147.8	58.64	149.3	58.81	154.0	58.98	158.3	59.54
	48	93.5	32.16	111.3	41.53	126.5	47.74	128.3	49.75	129.8	49.92	134.0	50.04	137.5	50.43
90	10	106.8	12.58	127.5	15.12	148.3	17.83	158.3	19.22	168.3	20.68	189.0	23.14	209.8	25.75
	12	106.8	12.73	127.5	15.36	148.3	18.14	158.3	19.61	168.3	21.14	189.0	23.61	209.8	26.19
	14	106.8	12.97	127.5	15.66	148.3	18.51	158.3	20.00	168.3	21.53	189.0	24.07	209.8	26.73
	16	106.8	13.19	127.5	15.97	148.3	18.90	158.3	20.37	168.3	21.92	189.0	24.53	209.8	27.19
	18	106.8	13.44	127.5	16.29	148.3	19.22	158.3	20.83	168.3	22.39	189.0	25.05	209.8	28.56
	20	106.8	13.66	127.5	16.59	148.3	19.61	158.3	21.22	168.3	23.22	189.0	26.82	209.8	29.92
	21	106.8	13.81	127.5	16.75	148.3	20.00	158.3	21.92	168.3	24.07	189.0	27.24	209.8	30.61
	23	106.8	14.12	127.5	17.44	148.3	21.37	158.3	23.53	168.3	25.78	189.0	28.90	206.8	32.05
	25	106.8	14.83	127.5	18.61	148.3	22.85	158.3	25.17	168.3	27.56	189.0	30.90	203.8	33.41
	27	106.8	15.83	127.5	19.83	148.3	24.39	158.3	26.85	168.3	29.48	189.0	32.85	200.8	34.97
	29	106.8	16.75	127.5	21.14	148.3	26.07	158.3	28.70	168.3	31.48	189.0	34.80	197.8	36.39
	31	106.8	17.83	127.5	22.53	148.3	27.78	158.3	30.56	168.3	33.56	189.0	36.53	194.8	37.80
	33	106.8	18.98	127.5	24.00	148.3	29.63	158.3	32.56	168.3	35.61	189.0	38.31	191.8	39.21
	35	106.8	20.14	127.5	25.46	148.3	31.48	158.3	34.73	168.3	37.75	185.8	40.51	188.8	41.43
	37	106.8	21.37	127.5	27.09	148.3	33.58	158.3	36.90	168.3	39.85	182.8	42.34	185.8	43.29
	39	106.8	22.63	127.5	28.80	148.3	35.53	158.3	39.26	168.3	41.90	179.8	44.63	182.8	45.17
	41	104.0	25.32	124.3	31.95	144.3	39.00	154.3	42.92	164.0	45.24	172.3	47.04	175.3	48.12
	43	101.5	27.34	121.1	34.51	140.8	42.60	150.3	46.24	159.8	48.51	165.1	50.36	168.1	50.99
	46	95.0	30.78	113.5	39.31	132.0	48.53	140.8	52.41	145.3	53.90	150.8	55.29	153.6	55.38
	48	84.0	26.90	100.5	34.39	116.8	42.46	124.6	45.73	126.3	46.44	131.0	47.60	133.5	47.65
80	10	94.8	10.55	113.0	12.69	131.3	14.87	140.6	16.05	150.0	17.23	168.3	19.65	186.5	21.33
	12	94.8	10.77	113.0	12.83	131.3	15.17	140.6	16.34	150.0	17.52	168.3	20.00	186.5	21.74
	14	94.8	10.92	113.0	13.13	131.3	15.39	140.6	16.64	150.0	17.82	168.3	20.37	186.5	22.18
	16	94.8	11.07	113.0	13.35	131.3	15.68	140.6	16.93	150.0	18.18	168.3	20.81	186.5	22.60
	18	94.8	11.29	113.0	13.57	131.3	15.98	140.6	17.23	150.0	18.55	168.3	21.18	186.5	23.09
	20	94.8	11.51	113.0	13.86	131.3	16.34	140.6	17.59	150.0	18.92	168.3	21.99	186.5	24.46
	21	94.8	11.58	113.0	14.01	131.3	16.49	140.6	17.82	150.0	19.36	168.3	22.68	186.5	25.11
	23	94.8	11.80	113.0	14.21	131.3	17.23	140.6	18.92	150.0	20.66	168.3	23.95	186.5	26.36
	25	94.8	12.24	113.0	15.17	131.3	18.48	140.6	20.22	150.0	22.14	168.3	25.64	186.5	28.17
	27	94.8	12.98	113.0	16.12	131.3	19.73	140.6	21.62	150.0	23.61	168.3	27.24	186.5	29.64
	29	94.8	13.79	113.0	17.23	131.3	20.96	140.6	23.02	150.0	25.22	168.3	29.18	186.5	31.73
	31	94.8	14.65	113.0	18.26	131.3	22.36	140.6	24.56	150.0	26.82	168.3	30.97	186.5	33.32
	33	94.8	15.53	113.0	19.51	131.3	23.83	140.6	26.16	150.0	28.59	168.3	32.64	186.5	34.94
	35	94.8	16.49	113.0	20.66	131.3	25.37	140.6	27.85	150.0	30.50	168.3	34.60	184.5	36.20
	37	94.8	17.45	113.0	21.99	131.3	26.90	140.6	29.62	150.0	32.39	168.3	36.51	181.5	37.84
	39	94.8	18.43	113.0	23.24	131.3	28.78	140.6	31.83	150.0	34.82	168.3	38.58	178.5	39.93
	41	92.3	20.39	110.0	25.74	127.8	31.58	137.0	34.90	146.3	38.26	164.0	42.92	171.0	44.25
	43	90.0	22.45	107.3	28.10	124.8	34.48	133.6	38.04	142.6	41.81	159.8	45.94	164.0	47.36
	46	84.5	24.98	100.6	31.65	116.8	38.85	125.3	42.33	133.6	47.17	146.3	50.16	149.8	50.95
	48	74.8	21.82	89.0	27.68	103.3	33.96	110.8	36.98	118.3	41.30	127.0	43.41	130.0	43.85

7. Capacity Tables

Cooling Capacity (50RT)

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	82.8	9.28	99.3	11.04	114.8	12.79	123.0	13.83	131.3	14.77	147.0	16.82	163.3	18.82
	12	82.8	9.43	99.3	11.19	114.8	13.09	123.0	14.03	131.3	15.06	147.0	17.11	163.3	19.16
	14	82.8	9.58	99.3	11.33	114.8	13.31	123.0	14.25	131.3	15.28	147.0	17.48	163.3	19.51
	16	82.8	9.73	99.3	11.56	114.8	13.53	123.0	14.55	131.3	15.58	147.0	17.76	163.3	19.93
	18	82.8	9.88	99.3	11.78	114.8	13.83	123.0	14.84	131.3	15.86	147.0	18.05	163.3	20.28
	20	82.8	10.02	99.3	12.00	114.8	14.03	123.0	15.14	131.3	16.23	147.0	18.50	163.3	21.06
	21	82.8	10.17	99.3	12.07	114.8	14.18	123.0	15.28	131.3	16.37	147.0	18.79	163.3	21.51
	23	82.8	10.30	99.3	12.35	114.8	14.47	123.0	15.78	131.3	17.19	147.0	20.10	163.3	22.70
	25	82.8	10.45	99.3	12.79	114.8	15.43	123.0	16.89	131.3	18.35	147.0	21.49	163.3	23.81
	27	82.8	11.04	99.3	13.68	114.8	16.45	123.0	17.90	131.3	19.58	147.0	22.96	163.3	25.29
	29	82.8	11.78	99.3	14.47	114.8	17.48	123.0	19.09	131.3	20.84	147.0	24.50	163.3	27.11
	31	82.8	12.50	99.3	15.43	114.8	18.64	123.0	20.40	131.3	22.22	147.0	26.10	163.3	28.77
	33	82.8	13.24	99.3	16.30	114.8	19.81	123.0	21.63	131.3	23.61	147.0	27.78	163.3	30.62
	35	82.8	13.95	99.3	17.41	114.8	21.06	123.0	23.04	131.3	25.14	147.0	29.61	163.3	32.47
	37	82.8	14.84	99.3	18.42	114.8	22.37	123.0	24.50	131.3	26.77	147.0	31.51	163.3	34.25
	39	82.8	15.76	99.3	19.66	114.8	23.93	123.0	26.35	131.3	28.91	147.0	33.73	163.3	36.94
	41	80.8	17.43	96.8	21.53	112.0	26.25	120.0	28.89	127.8	31.43	143.1	37.04	159.0	39.85
	43	78.8	18.97	94.3	23.46	109.3	28.62	117.0	31.51	124.8	34.32	139.6	40.47	155.1	43.09
	46	73.8	21.09	88.3	26.38	102.3	32.25	109.5	35.11	116.8	38.67	130.8	45.64	145.3	48.03
	48	65.3	18.40	78.2	23.04	90.5	28.18	97.0	30.67	103.3	33.83	115.8	39.93	128.6	41.56
60	10	71.0	8.03	84.8	9.42	98.5	10.94	105.5	11.73	112.3	12.47	126.3	14.14	140.0	15.83
	12	71.0	8.17	84.8	9.54	98.5	11.08	105.5	11.88	112.3	12.70	126.3	14.36	140.0	16.11
	14	71.0	8.25	84.8	9.69	98.5	11.31	105.5	12.10	112.3	12.90	126.3	14.66	140.0	16.40
	16	71.0	8.38	84.8	9.92	98.5	11.45	105.5	12.33	112.3	13.20	126.3	14.96	140.0	16.70
	18	71.0	8.53	84.8	10.06	98.5	11.66	105.5	12.55	112.3	13.42	126.3	15.16	140.0	17.07
	20	71.0	8.67	84.8	10.21	98.5	11.88	105.5	12.75	112.3	13.64	126.3	15.46	140.0	17.42
	21	71.0	8.75	84.8	10.29	98.5	12.03	105.5	12.90	112.3	13.79	126.3	15.68	140.0	17.57
	23	71.0	8.90	84.8	10.51	98.5	12.18	105.5	13.12	112.3	14.07	126.3	16.25	140.0	18.66
	25	71.0	9.05	84.8	10.71	98.5	12.70	105.5	13.79	112.3	14.96	126.3	17.35	140.0	19.98
	27	71.0	9.34	84.8	11.31	98.5	13.49	105.5	14.66	112.3	15.90	126.3	18.44	140.0	21.30
	29	71.0	9.92	84.8	12.03	98.5	14.36	105.5	15.61	112.3	16.92	126.3	19.68	140.0	22.74
	31	71.0	10.51	84.8	12.75	98.5	15.24	105.5	16.63	112.3	18.02	126.3	21.00	140.0	24.21
	33	71.0	11.08	84.8	13.49	98.5	16.18	105.5	17.64	112.3	19.18	126.3	22.32	140.0	25.82
	35	71.0	11.73	84.8	14.36	98.5	17.20	105.5	18.74	112.3	20.35	126.3	23.78	140.0	27.41
	37	71.0	12.40	84.8	15.16	98.5	18.24	105.5	19.91	112.3	21.59	126.3	25.23	140.0	29.17
	39	71.0	13.17	84.8	16.15	98.5	19.68	105.5	21.35	112.3	23.23	126.3	27.06	140.0	31.26
	41	69.0	14.29	82.5	17.67	96.0	21.37	102.8	23.33	109.5	25.22	123.0	29.70	136.5	33.97
	43	67.5	15.53	80.5	19.23	93.8	23.29	100.3	25.42	106.8	27.49	120.0	32.41	133.0	37.10
	46	63.3	17.40	75.5	21.60	87.8	26.19	94.0	28.58	100.0	30.94	112.3	36.51	124.8	42.27
	48	56.0	15.16	66.8	18.84	77.7	22.89	83.0	24.95	88.5	27.04	99.5	31.93	110.3	36.98
50	10	59.3	6.90	71.0	8.00	82.3	9.08	88.0	9.75	93.5	10.33	104.8	11.63	116.8	12.95
	12	59.3	6.98	71.0	8.08	82.3	9.23	88.0	9.88	93.5	10.55	104.8	11.86	116.8	13.16
	14	59.3	7.05	71.0	8.23	82.3	9.38	88.0	10.03	93.5	10.68	104.8	12.00	116.8	13.38
	16	59.3	7.20	71.0	8.36	82.3	9.53	88.0	10.25	93.5	10.83	104.8	12.23	116.8	13.61
	18	59.3	7.28	71.0	8.43	82.3	9.68	88.0	10.40	93.5	11.05	104.8	12.43	116.8	13.88
	20	59.3	7.35	71.0	8.58	82.3	9.88	88.0	10.55	93.5	11.28	104.8	12.66	116.8	14.18
	21	59.3	7.43	71.0	8.65	82.3	9.96	88.0	10.68	93.5	11.35	104.8	12.80	116.8	14.33
	23	59.3	7.56	71.0	8.80	82.3	10.11	88.0	10.83	93.5	11.56	104.8	13.03	116.8	14.61
	25	59.3	7.63	71.0	8.95	82.3	10.33	88.0	11.05	93.5	11.93	104.8	13.68	116.8	15.63
	27	59.3	7.78	71.0	9.23	82.3	10.91	88.0	11.78	93.5	12.66	104.8	14.61	116.8	16.66
	29	59.3	8.23	71.0	9.83	82.3	11.56	88.0	12.51	93.5	13.46	104.8	15.48	116.8	17.68
	31	59.3	8.65	71.0	10.40	82.3	12.28	88.0	13.23	93.5	14.33	104.8	16.51	116.8	18.83
	33	59.3	9.16	71.0	10.98	82.3	13.03	88.0	14.03	93.5	15.21	104.8	17.53	116.8	20.08
	35	59.3	9.68	71.0	11.63	82.3	13.75	88.0	14.91	93.5	16.08	104.8	18.54	116.8	21.31
	37	59.3	10.25	71.0	12.28	82.3	14.55	88.0	15.78	93.5	17.01	104.8	19.78	116.8	22.61
	39	59.3	10.93	71.0	13.18	82.3	15.58	88.0	16.98	93.5	18.26	104.8	21.06	116.8	24.43
	41	57.8	11.83	69.0	14.26	80.0	17.03	85.7	18.41	91.3	19.78	102.3	23.09	113.8	26.54
	43	56.3	12.86	67.5	15.51	78.3	18.54	83.5	20.03	89.0	21.54	99.6	25.19	111.0	28.94
	46	52.8	14.40	63.3	17.41	73.3	20.81	78.3	22.51	83.3	24.19	93.3	28.34	104.0	32.59
	48	46.8	12.55	56.0	15.18	64.8	18.14	69.3	19.63	73.8	21.11	82.5	24.76	92.0	28.49

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

◆ ARUV626BTE5 / ARUV626DTE5

Cooling Capacity (52RT)

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	181.0	20.66	215.6	25.25	231.1	29.31	237.7	29.89	244.4	30.14	256.1	30.37	262.7	30.50
	12	181.0	21.19	215.6	26.16	231.1	30.50	237.7	30.70	244.4	30.96	256.1	31.19	262.7	31.47
	14	181.0	21.90	215.6	27.10	231.1	31.64	237.7	31.87	244.4	32.15	256.1	32.40	262.7	32.68
	16	181.0	22.69	215.6	28.06	231.1	33.07	237.7	33.37	244.4	33.65	256.1	33.95	262.7	34.21
	18	181.0	23.65	215.6	29.67	231.1	34.59	237.7	35.34	244.4	35.62	256.1	35.98	262.7	36.21
	20	181.0	24.69	215.6	31.62	231.1	36.29	237.7	38.87	244.4	39.18	252.5	39.56	259.0	39.84
	21	181.0	25.33	215.6	32.73	231.1	37.05	237.7	41.13	244.4	41.46	250.9	41.87	257.7	42.17
	23	181.0	27.18	215.6	34.43	231.1	38.98	237.7	45.39	241.3	45.75	247.3	46.21	253.8	46.51
	25	181.0	29.03	215.6	36.41	231.1	41.66	234.8	50.34	237.7	50.75	244.4	51.23	250.9	51.59
	27	181.0	31.06	215.6	38.92	228.3	44.38	231.1	55.42	234.8	55.85	241.3	56.41	247.3	56.79
	29	181.0	33.09	215.6	41.61	224.4	47.76	227.8	60.90	231.1	61.26	237.7	61.81	244.4	62.07
	31	181.0	35.32	215.0	43.82	220.8	50.80	224.4	60.65	227.8	61.00	234.0	61.56	240.6	61.79
	33	181.0	37.63	211.2	46.44	217.9	54.48	221.3	60.09	224.4	60.45	231.1	61.00	236.9	61.23
	35	181.0	40.12	207.5	48.64	214.0	59.02	217.9	59.30	221.3	59.66	227.3	60.19	234.0	60.44
	37	181.0	42.78	204.6	51.03	211.2	58.23	214.0	58.52	217.9	58.87	223.9	59.40	230.4	59.63
	39	181.0	45.55	201.0	53.72	207.5	57.45	211.2	57.75	214.0	58.08	220.8	58.61	227.3	58.84
	41	176.3	48.34	192.7	56.41	199.2	56.66	202.1	56.96	206.0	57.30	212.2	57.81	217.9	58.03
	43	172.1	50.98	184.6	55.62	190.9	55.90	194.0	56.18	197.9	56.51	203.9	57.02	209.3	57.25
	46	161.2	54.56	168.5	54.45	174.5	54.73	177.3	54.99	181.0	55.32	186.7	55.82	191.7	56.05
	48	142.7	53.04	146.2	53.21	151.6	53.31	154.2	53.46	157.3	53.92	162.5	54.25	166.9	54.48
120	10	163.8	18.60	194.8	22.79	212.9	27.10	219.4	29.28	225.9	29.74	238.2	29.86	243.9	30.10
	12	163.8	19.10	194.8	23.57	212.9	28.19	219.4	29.89	225.9	30.83	238.2	31.21	243.9	31.46
	14	163.8	19.74	194.8	24.36	212.9	29.31	219.4	31.03	225.9	31.97	238.2	32.45	243.9	32.71
	16	163.8	20.45	194.8	25.37	212.9	30.45	219.4	32.20	225.9	33.45	238.2	33.85	243.9	34.13
	18	163.8	21.26	194.8	26.51	212.9	31.67	219.4	33.88	225.9	35.17	238.2	35.57	243.9	35.85
	20	163.8	22.08	194.8	28.11	212.9	33.37	219.4	35.65	225.9	37.02	238.2	37.51	243.9	37.81
	21	163.8	22.74	194.8	29.13	212.9	34.31	219.4	36.72	225.9	38.24	238.2	38.72	243.9	39.05
	23	163.8	24.31	194.8	31.16	212.9	36.77	219.4	39.00	225.9	40.78	238.2	41.18	243.9	41.51
	25	163.8	25.98	194.8	33.37	212.9	38.77	219.4	41.59	225.9	43.72	235.3	44.10	241.0	44.45
	27	163.8	27.73	194.8	35.68	212.9	41.26	219.4	44.43	225.9	46.99	231.7	47.30	237.4	47.68
	29	163.8	29.59	194.8	38.09	212.9	43.42	219.4	47.55	222.3	50.09	228.0	50.83	234.5	51.23
	31	163.8	31.52	194.8	40.68	212.9	45.67	216.6	50.93	219.4	53.72	225.2	54.68	230.9	55.11
	33	163.8	33.57	194.8	43.36	210.1	48.31	212.9	55.29	215.8	57.68	221.5	58.34	227.3	58.80
	35	163.8	35.68	194.8	46.23	206.4	51.13	209.3	60.90	212.9	61.20	218.7	61.38	224.4	61.87
	37	163.8	38.39	194.8	48.77	203.4	54.51	206.4	59.63	209.3	59.91	215.0	60.09	220.8	60.57
	39	163.8	41.31	194.2	51.56	199.9	57.83	202.8	58.39	205.7	58.69	212.2	58.87	217.9	59.33
	41	159.7	44.26	185.7	54.33	191.9	56.69	194.5	57.17	197.4	57.45	203.1	57.63	209.0	58.08
	43	155.7	47.25	177.9	53.54	184.1	55.42	186.7	55.95	189.5	56.23	195.0	56.39	200.7	56.84
	46	145.9	50.80	162.2	52.27	168.0	53.67	170.6	54.10	173.2	54.38	178.4	54.53	183.6	54.96
	48	129.0	49.76	140.9	51.34	146.1	52.63	148.2	52.93	150.6	53.11	155.2	53.31	159.9	53.54
110	10	146.7	16.72	175.0	20.38	195.5	24.21	201.0	26.21	213.8	28.21	218.7	28.98	233.5	29.46
	12	146.7	17.25	175.0	21.06	195.5	25.22	201.0	26.95	213.8	29.26	218.7	30.20	233.5	30.91
	14	146.7	17.79	175.0	22.02	195.5	26.36	201.0	28.29	213.8	30.73	218.7	31.62	233.5	32.28
	16	146.7	18.42	175.0	22.81	195.5	27.45	201.0	29.51	213.8	32.15	218.7	33.04	233.5	33.62
	18	146.7	19.11	175.0	23.78	195.5	29.03	201.0	31.08	213.8	33.92	218.7	34.59	233.5	35.24
	20	146.7	19.79	175.0	24.97	195.5	30.78	201.0	32.51	213.8	35.57	218.7	36.44	233.5	37.02
	21	146.7	20.22	175.0	25.70	195.5	31.57	201.0	33.39	213.8	36.56	218.7	37.48	233.5	38.06
	23	146.7	21.54	175.0	27.56	195.5	33.34	201.0	35.25	213.8	38.62	218.7	39.46	233.5	40.09
	25	146.7	23.02	175.0	29.41	195.5	35.22	201.0	37.25	213.8	40.80	218.7	41.39	230.7	42.23
	27	146.7	24.59	175.0	31.44	195.5	37.22	201.0	39.43	213.8	42.61	218.7	43.59	227.3	44.33
	29	146.7	26.26	175.0	33.57	195.5	39.33	201.0	41.77	213.8	45.04	218.7	45.80	224.4	46.51
	31	146.7	27.91	175.0	35.78	195.5	41.56	201.0	44.25	210.3	47.32	215.8	48.24	220.8	48.75
	33	146.7	29.77	175.0	38.09	195.5	43.90	201.0	46.89	207.5	49.97	212.4	50.80	217.9	51.08
	35	146.7	31.62	175.0	40.68	195.5	46.38	201.0	49.68	203.9	52.73	208.8	53.23	214.5	53.49
	37	146.7	33.52	175.0	43.16	195.5	48.95	198.2	52.63	200.5	55.62	206.0	55.82	210.9	55.98
	39	146.7	36.13	175.0	45.88	191.9	51.66	194.7	56.31	197.6	58.39	202.5	58.49	208.3	58.54
	41	143.0	38.75	170.6	48.59	183.6	54.48	186.5	60.90	189.0	60.90	194.5	61.38	199.4	61.87
	43	139.4	40.68	166.2	50.62	176.0	57.78	178.9	58.41	181.2	58.29	186.7	58.62	191.4	58.79
	46	130.8	39.71	155.8	48.87	160.7	54.83	163.3	54.81	165.6	55.29	170.6	55.60	175.0	55.75
	48	115.7	38.57	135.5	47.07	139.6	52.17	142.0	52.50	143.8	52.76	148.5	52.91	152.4	53.13

7. Capacity Tables

Cooling Capacity (52RT)

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	123.5	15.05	146.9	18.30	171.1	21.72	182.8	23.47	194.5	25.22	215.8	28.06	220.5	28.29
	12	123.5	15.53	146.9	19.06	171.1	22.45	182.8	24.10	194.5	26.01	215.8	29.56	220.5	29.87
	14	123.5	16.04	146.9	19.82	171.1	23.40	182.8	25.14	194.5	27.13	215.8	31.24	220.5	31.52
	16	123.5	16.52	146.9	20.48	171.1	24.39	182.8	26.34	194.5	28.60	215.8	32.73	220.5	33.19
	18	123.5	17.00	146.9	21.24	171.1	25.35	182.8	27.61	194.5	30.32	215.8	34.59	220.5	34.86
	20	123.5	17.61	146.9	22.03	171.1	26.82	182.8	29.59	194.5	32.45	215.8	36.24	220.5	36.54
	21	123.5	17.97	146.9	22.56	171.1	27.73	182.8	30.60	194.5	33.65	215.8	37.07	220.5	37.38
	23	123.5	19.05	146.9	24.13	171.1	29.77	182.8	32.81	194.5	36.06	215.8	38.82	220.5	39.13
	25	123.5	20.25	146.9	25.70	171.1	31.80	182.8	35.12	194.5	38.55	215.8	40.47	218.7	40.80
	27	123.5	21.64	146.9	27.46	171.1	34.03	182.8	37.53	194.5	40.98	211.4	42.38	216.1	42.71
	29	123.5	23.02	146.9	29.31	171.1	36.34	182.8	40.12	194.5	43.39	207.5	44.08	212.7	44.43
	31	123.5	24.59	146.9	31.24	171.1	38.75	182.8	42.81	194.5	45.58	204.4	45.80	209.3	46.16
	33	123.5	26.06	146.9	33.29	171.1	41.33	182.8	45.67	194.5	47.30	201.2	47.50	206.2	47.88
	35	123.5	27.73	146.9	35.40	171.1	44.00	182.8	48.72	191.6	49.02	197.6	49.20	202.6	49.61
	37	123.5	29.71	146.9	37.98	171.1	46.61	182.8	51.03	188.5	51.28	194.0	51.49	198.4	51.97
	39	123.5	31.85	146.9	40.80	171.1	49.40	182.8	53.54	185.4	53.77	190.8	53.97	195.3	54.48
	41	121.4	33.98	144.6	43.62	168.3	52.17	175.5	56.03	179.2	56.26	183.6	56.46	189.3	56.97
	43	117.3	35.98	139.6	46.23	162.5	54.68	168.2	58.16	170.1	58.39	175.3	58.57	179.9	59.12
	46	110.0	38.70	130.8	49.84	152.4	57.98	153.6	60.90	155.2	61.08	160.2	61.26	164.6	61.84
	48	97.2	33.40	115.7	43.13	131.6	49.58	133.4	51.67	134.9	51.84	139.3	51.97	143.0	52.37
90	10	111.0	13.00	132.6	15.62	154.2	18.42	164.6	19.85	175.0	21.36	196.6	23.91	218.1	26.60
	12	111.0	13.15	132.6	15.87	154.2	18.74	164.6	20.25	175.0	21.84	196.6	24.39	218.1	27.06
	14	111.0	13.40	132.6	16.18	154.2	19.12	164.6	20.66	175.0	22.25	196.6	24.87	218.1	27.61
	16	111.0	13.63	132.6	16.50	154.2	19.53	164.6	21.04	175.0	22.65	196.6	25.34	218.1	28.09
	18	111.0	13.88	132.6	16.83	154.2	19.85	164.6	21.52	175.0	23.13	196.6	25.88	218.1	29.50
	20	111.0	14.11	132.6	17.13	154.2	20.25	164.6	21.92	175.0	23.99	196.6	27.71	218.1	30.91
	21	111.0	14.26	132.6	17.31	154.2	20.66	164.6	22.65	175.0	24.87	196.6	28.14	218.1	31.62
	23	111.0	14.59	132.6	18.01	154.2	22.07	164.6	24.31	175.0	26.63	196.6	29.86	215.0	33.11
	25	111.0	15.32	132.6	19.22	154.2	23.60	164.6	26.00	175.0	28.47	196.6	31.92	211.9	34.52
	27	111.0	16.35	132.6	20.48	154.2	25.19	164.6	27.74	175.0	30.46	196.6	33.94	208.8	36.13
	29	111.0	17.31	132.6	21.84	154.2	26.94	164.6	29.65	175.0	32.53	196.6	35.95	205.7	37.59
	31	111.0	18.42	132.6	23.28	154.2	28.70	164.6	31.57	175.0	34.67	196.6	37.74	202.6	39.05
	33	111.0	19.60	132.6	24.79	154.2	30.61	164.6	33.64	175.0	36.78	196.6	39.58	199.5	40.51
	35	111.0	20.81	132.6	26.30	154.2	32.53	164.6	35.88	175.0	39.00	193.2	41.85	196.3	42.80
	37	111.0	22.07	132.6	27.99	154.2	34.69	164.6	38.12	175.0	41.17	190.1	43.74	193.2	44.72
	39	111.0	23.38	132.6	29.76	154.2	36.71	164.6	40.56	175.0	43.29	186.9	46.11	190.1	46.66
	41	108.2	26.15	129.2	33.00	150.1	40.29	160.4	44.34	170.6	46.74	179.1	48.60	182.3	49.71
	43	105.5	28.24	125.9	35.65	146.4	44.01	156.3	47.77	166.2	50.11	171.6	52.03	174.8	52.68
	46	98.8	31.79	118.0	40.61	137.3	50.14	146.4	54.14	151.1	55.68	156.8	57.12	159.7	57.21
	48	87.4	27.79	104.5	35.52	121.4	43.86	129.5	47.24	131.3	47.97	136.3	49.18	138.8	49.23
80	10	98.6	10.85	117.5	13.05	136.5	15.30	146.2	16.51	156.0	17.72	175.0	20.21	194.0	21.93
	12	98.6	11.08	117.5	13.20	136.5	15.60	146.2	16.81	156.0	18.02	175.0	20.57	194.0	22.36
	14	98.6	11.23	117.5	13.50	136.5	15.83	146.2	17.11	156.0	18.32	175.0	20.95	194.0	22.81
	16	98.6	11.38	117.5	13.73	136.5	16.13	146.2	17.41	156.0	18.70	175.0	21.40	194.0	23.24
	18	98.6	11.61	117.5	13.95	136.5	16.43	146.2	17.72	156.0	19.08	175.0	21.78	194.0	23.75
	20	98.6	11.84	117.5	14.26	136.5	16.81	146.2	18.09	156.0	19.46	175.0	22.61	194.0	25.16
	21	98.6	11.91	117.5	14.41	136.5	16.96	146.2	18.32	156.0	19.91	175.0	23.32	194.0	25.82
	23	98.6	12.14	117.5	14.61	136.5	17.72	146.2	19.46	156.0	21.25	175.0	24.63	194.0	27.10
	25	98.6	12.59	117.5	15.60	136.5	19.00	146.2	20.80	156.0	22.76	175.0	26.37	194.0	28.97
	27	98.6	13.35	117.5	16.58	136.5	20.29	146.2	22.23	156.0	24.28	175.0	28.01	194.0	30.49
	29	98.6	14.18	117.5	17.72	136.5	21.55	146.2	23.67	156.0	25.94	175.0	30.01	194.0	32.63
	31	98.6	15.07	117.5	18.78	136.5	22.99	146.2	25.26	156.0	27.59	175.0	31.85	194.0	34.27
	33	98.6	15.98	117.5	20.06	136.5	24.50	146.2	26.90	156.0	29.40	175.0	33.56	194.0	35.94
	35	98.6	16.96	117.5	21.25	136.5	26.09	146.2	28.64	156.0	31.37	175.0	35.58	191.9	37.23
	37	98.6	17.94	117.5	22.61	136.5	27.66	146.2	30.46	156.0	33.31	175.0	37.55	188.8	38.92
	39	98.6	18.95	117.5	23.90	136.5	29.60	146.2	32.73	156.0	35.81	175.0	39.67	185.7	41.06
	41	96.0	20.97	114.4	26.47	132.9	32.48	142.5	35.89	152.1	39.34	170.6	44.14	177.9	45.50
	43	93.6	23.09	111.6	28.90	129.7	35.46	138.9	39.12	148.2	43.00	166.2	47.24	170.6	48.71
	46	87.9	25.69	104.6	32.55	121.5	39.95	130.3	43.53	138.9	48.51	152.1	51.58	155.7	52.39
	48	77.7	22.44	92.6	28.47	107.4	34.93	115.2	38.03	123.0	42.47	132.1	44.64	135.2	45.10

7. Capacity Tables

Cooling Capacity (52RT)

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	86.1	9.51	103.2	11.30	119.4	13.10	127.9	14.15	136.5	15.12	152.9	17.22	169.8	19.26
	12	86.1	9.66	103.2	11.45	119.4	13.40	127.9	14.36	136.5	15.42	152.9	17.52	169.8	19.62
	14	86.1	9.81	103.2	11.60	119.4	13.63	127.9	14.59	136.5	15.65	152.9	17.90	169.8	19.97
	16	86.1	9.96	103.2	11.83	119.4	13.85	127.9	14.89	136.5	15.95	152.9	18.18	169.8	20.40
	18	86.1	10.11	103.2	12.06	119.4	14.15	127.9	15.19	136.5	16.23	152.9	18.48	169.8	20.76
	20	86.1	10.26	103.2	12.28	119.4	14.36	127.9	15.50	136.5	16.61	152.9	18.94	169.8	21.56
	21	86.1	10.41	103.2	12.36	119.4	14.51	127.9	15.65	136.5	16.76	152.9	19.24	169.8	22.02
	23	86.1	10.54	103.2	12.64	119.4	14.82	127.9	16.16	136.5	17.59	152.9	20.58	169.8	23.23
	25	86.1	10.70	103.2	13.10	119.4	15.80	127.9	17.29	136.5	18.78	152.9	22.00	169.8	24.37
	27	86.1	11.30	103.2	14.00	119.4	16.84	127.9	18.33	136.5	20.05	152.9	23.51	169.8	25.89
	29	86.1	12.06	103.2	14.82	119.4	17.90	127.9	19.54	136.5	21.34	152.9	25.08	169.8	27.76
	31	86.1	12.79	103.2	15.80	119.4	19.09	127.9	20.88	136.5	22.75	152.9	26.72	169.8	29.45
	33	86.1	13.55	103.2	16.69	119.4	20.28	127.9	22.15	136.5	24.17	152.9	28.44	169.8	31.35
	35	86.1	14.29	103.2	17.82	119.4	21.56	127.9	23.58	136.5	25.74	152.9	30.31	169.8	33.24
	37	86.1	15.19	103.2	18.86	119.4	22.90	127.9	25.08	136.5	27.40	152.9	32.26	169.8	35.07
	39	86.1	16.13	103.2	20.12	119.4	24.50	127.9	26.97	136.5	29.60	152.9	34.53	169.8	37.82
	41	84.0	17.85	100.6	22.04	116.5	26.87	124.8	29.58	132.9	32.18	148.8	37.92	165.4	40.80
	43	81.9	19.42	98.0	24.02	113.6	29.30	121.7	32.26	129.7	35.14	145.1	41.43	161.2	44.11
	46	76.7	21.59	91.8	27.00	106.4	33.01	113.9	35.95	121.5	39.59	136.0	46.72	151.1	49.17
	48	67.9	18.83	81.4	23.59	94.1	28.85	100.9	31.40	107.4	34.64	120.4	40.88	133.7	42.55
60	10	73.8	8.18	88.1	9.60	102.5	11.14	109.7	11.96	116.8	12.71	131.3	14.41	145.6	16.13
	12	73.8	8.33	88.1	9.73	102.5	11.29	109.7	12.11	116.8	12.94	131.3	14.64	145.6	16.41
	14	73.8	8.41	88.1	9.88	102.5	11.52	109.7	12.33	116.8	13.15	131.3	14.94	145.6	16.72
	16	73.8	8.54	88.1	10.10	102.5	11.67	109.7	12.56	116.8	13.45	131.3	15.24	145.6	17.02
	18	73.8	8.69	88.1	10.26	102.5	11.88	109.7	12.79	116.8	13.67	131.3	15.45	145.6	17.40
	20	73.8	8.84	88.1	10.41	102.5	12.11	109.7	12.99	116.8	13.90	131.3	15.75	145.6	17.75
	21	73.8	8.91	88.1	10.48	102.5	12.26	109.7	13.15	116.8	14.05	131.3	15.98	145.6	17.91
	23	73.8	9.07	88.1	10.71	102.5	12.41	109.7	13.37	116.8	14.34	131.3	16.56	145.6	19.02
	25	73.8	9.22	88.1	10.92	102.5	12.94	109.7	14.05	116.8	15.24	131.3	17.68	145.6	20.36
	27	73.8	9.52	88.1	11.52	102.5	13.75	109.7	14.94	116.8	16.21	131.3	18.79	145.6	21.70
	29	73.8	10.10	88.1	12.26	102.5	14.64	109.7	15.90	116.8	17.24	131.3	20.06	145.6	23.17
	31	73.8	10.71	88.1	12.99	102.5	15.53	109.7	16.94	116.8	18.36	131.3	21.40	145.6	24.67
	33	73.8	11.29	88.1	13.75	102.5	16.49	109.7	17.98	116.8	19.55	131.3	22.74	145.6	26.31
	35	73.8	11.96	88.1	14.64	102.5	17.53	109.7	19.10	116.8	20.74	131.3	24.23	145.6	27.93
	37	73.8	12.64	88.1	15.45	102.5	18.59	109.7	20.29	116.8	22.00	131.3	25.71	145.6	29.73
	39	73.8	13.42	88.1	16.46	102.5	20.06	109.7	21.76	116.8	23.68	131.3	27.58	145.6	31.86
	41	71.8	14.56	85.8	18.00	99.9	21.78	106.9	23.78	113.9	25.70	127.9	30.26	141.9	34.62
	43	70.2	15.83	83.7	19.60	97.5	23.73	104.3	25.91	111.0	28.01	124.8	33.02	138.3	37.81
	46	65.8	17.73	78.5	22.01	91.3	26.69	97.7	29.12	104.0	31.53	116.8	37.20	129.7	43.08
	48	58.2	15.45	69.4	19.20	80.8	23.32	86.3	25.43	92.1	27.55	103.5	32.54	114.7	37.68
50	10	61.6	7.00	73.8	8.12	85.5	9.21	91.5	9.89	97.3	10.48	109.0	11.80	121.4	13.14
	12	61.6	7.08	73.8	8.19	85.5	9.36	91.5	10.02	97.3	10.70	109.0	12.03	121.4	13.35
	14	61.6	7.15	73.8	8.34	85.5	9.51	91.5	10.17	97.3	10.84	109.0	12.18	121.4	13.57
	16	61.6	7.31	73.8	8.48	85.5	9.67	91.5	10.40	97.3	10.99	109.0	12.40	121.4	13.80
	18	61.6	7.38	73.8	8.55	85.5	9.82	91.5	10.55	97.3	11.21	109.0	12.61	121.4	14.08
	20	61.6	7.46	73.8	8.70	85.5	10.02	91.5	10.70	97.3	11.44	109.0	12.84	121.4	14.38
	21	61.6	7.53	73.8	8.78	85.5	10.10	91.5	10.84	97.3	11.52	109.0	12.99	121.4	14.54
	23	61.6	7.66	73.8	8.93	85.5	10.25	91.5	10.99	97.3	11.72	109.0	13.22	121.4	14.82
	25	61.6	7.74	73.8	9.08	85.5	10.48	91.5	11.21	97.3	12.10	109.0	13.88	121.4	15.86
	27	61.6	7.89	73.8	9.36	85.5	11.06	91.5	11.95	97.3	12.84	109.0	14.82	121.4	16.90
	29	61.6	8.34	73.8	9.97	85.5	11.72	91.5	12.69	97.3	13.65	109.0	15.71	121.4	17.93
	31	61.6	8.78	73.8	10.55	85.5	12.46	91.5	13.42	97.3	14.54	109.0	16.74	121.4	19.10
	33	61.6	9.29	73.8	11.14	85.5	13.22	91.5	14.23	97.3	15.42	109.0	17.78	121.4	20.37
	35	61.6	9.82	73.8	11.80	85.5	13.95	91.5	15.12	97.3	16.31	109.0	18.80	121.4	21.62
	37	61.6	10.40	73.8	12.46	85.5	14.76	91.5	16.01	97.3	17.25	109.0	20.07	121.4	22.94
	39	61.6	11.09	73.8	13.37	85.5	15.81	91.5	17.23	97.3	18.52	109.0	21.36	121.4	24.79
	41	60.1	12.00	71.8	14.46	83.2	17.28	89.2	18.67	94.9	20.07	106.3	23.42	118.3	26.92
	43	58.5	13.04	70.2	15.73	81.4	18.80	86.9	20.32	92.5	21.84	103.5	25.55	115.4	29.35
	46	54.9	14.61	65.8	17.66	76.2	21.11	81.4	22.83	86.6	24.53	97.0	28.74	108.2	33.06
	48	48.6	12.73	58.2	15.40	67.4	18.40	72.0	19.92	76.7	21.41	85.8	25.12	95.7	28.90

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

◆ ARUV650BTE5 / ARUV650DTE5

Cooling Capacity (54RT)

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	187.9	21.54	223.8	26.32	240.0	30.55	246.8	31.16	253.8	31.42	265.9	31.66	272.7	31.80
	12	187.9	22.09	223.8	27.27	240.0	31.80	246.8	32.01	253.8	32.27	265.9	32.51	272.7	32.80
	14	187.9	22.83	223.8	28.25	240.0	32.99	246.8	33.23	253.8	33.51	265.9	33.78	272.7	34.07
	16	187.9	23.65	223.8	29.25	240.0	34.47	246.8	34.79	253.8	35.08	265.9	35.39	272.7	35.66
	18	187.9	24.65	223.8	30.93	240.0	36.06	246.8	36.85	253.8	37.14	265.9	37.51	272.7	37.75
	20	187.9	25.74	223.8	32.96	240.0	37.83	246.8	40.52	253.8	40.84	262.1	41.24	268.9	41.53
	21	187.9	26.40	223.8	34.12	240.0	38.62	246.8	42.88	253.8	43.22	260.6	43.65	267.5	43.96
	23	187.9	28.33	223.8	35.90	240.0	40.63	246.8	47.32	250.5	47.69	256.8	48.17	263.5	48.49
	25	187.9	30.26	223.8	37.96	240.0	43.43	243.8	52.48	246.8	52.90	253.8	53.41	260.6	53.78
	27	187.9	32.38	223.8	40.58	237.0	46.27	240.0	57.77	243.8	58.22	250.5	58.81	256.8	59.20
	29	187.9	34.50	223.8	43.38	233.0	49.78	236.5	63.49	240.0	63.86	246.8	64.44	253.8	64.70
	31	187.9	36.82	223.2	45.69	229.2	52.96	233.0	63.22	236.5	63.60	243.0	64.17	249.8	64.42
	33	187.9	39.23	219.2	48.41	226.2	56.79	229.8	62.64	233.0	63.01	240.0	63.59	246.0	63.83
	35	187.9	41.82	215.4	50.71	222.2	61.53	226.2	61.82	229.8	62.19	236.0	62.75	243.0	63.01
	37	187.9	44.60	212.5	53.20	219.2	60.71	222.2	61.00	226.2	61.37	232.4	61.93	239.2	62.17
	39	187.9	47.49	208.7	56.00	215.4	59.89	219.2	60.20	222.2	60.55	229.2	61.10	236.0	61.34
	41	183.1	50.39	200.0	58.80	206.8	59.07	209.8	59.38	213.9	59.73	220.3	60.26	226.3	60.50
	43	178.7	53.14	191.7	57.98	198.2	58.27	201.4	58.57	205.4	58.91	211.7	59.44	217.4	59.68
	46	167.4	56.88	174.9	56.77	181.2	57.06	184.1	57.33	187.9	57.67	193.8	58.20	199.0	58.43
	48	148.2	55.29	151.8	55.47	157.4	55.58	160.1	55.73	163.4	56.21	168.7	56.56	173.3	56.79
120	10	170.1	19.39	202.2	23.76	221.1	28.25	227.8	30.53	234.6	31.00	247.3	31.13	253.3	31.37
	12	170.1	19.92	202.2	24.57	221.1	29.39	227.8	31.16	234.6	32.14	247.3	32.54	253.3	32.80
	14	170.1	20.58	202.2	25.40	221.1	30.56	227.8	32.35	234.6	33.33	247.3	33.83	253.3	34.10
	16	170.1	21.32	202.2	26.45	221.1	31.74	227.8	33.57	234.6	34.87	247.3	35.29	253.3	35.58
	18	170.1	22.17	202.2	27.64	221.1	33.01	227.8	35.32	234.6	36.66	247.3	37.08	253.3	37.38
	20	170.1	23.01	202.2	29.31	221.1	34.79	227.8	37.17	234.6	38.60	247.3	39.10	253.3	39.42
	21	170.1	23.70	202.2	30.37	221.1	35.77	227.8	38.27	234.6	39.87	247.3	40.37	253.3	40.71
	23	170.1	25.34	202.2	32.48	221.1	38.33	227.8	40.66	234.6	42.51	247.3	42.93	253.3	43.28
	25	170.1	27.09	202.2	34.79	221.1	40.42	227.8	43.35	234.6	45.58	244.3	45.97	250.3	46.34
	27	170.1	28.91	202.2	37.20	221.1	43.01	227.8	46.32	234.6	48.99	240.5	49.31	246.5	49.71
	29	170.1	30.84	202.2	39.71	221.1	45.26	227.8	49.57	230.8	52.22	236.8	52.99	243.5	53.41
	31	170.1	32.86	202.2	42.40	221.1	47.61	224.9	53.09	227.8	56.00	233.8	57.00	239.7	57.46
	33	170.1	34.99	202.2	45.21	218.1	50.37	221.1	57.64	224.1	60.13	230.0	60.82	236.0	61.29
	35	170.1	37.20	202.2	48.20	214.4	53.30	217.3	63.49	221.1	63.80	227.1	63.99	233.0	64.50
	37	170.1	40.02	202.2	50.84	211.2	56.82	214.4	62.16	217.3	62.46	223.3	62.64	229.2	63.14
	39	170.1	43.07	201.6	53.75	207.6	60.28	210.6	60.87	213.5	61.18	220.3	61.37	226.2	61.85
	41	165.8	46.14	192.8	56.64	199.3	59.09	202.0	59.60	204.9	59.89	210.9	60.08	217.0	60.55
	43	161.7	49.25	184.7	55.82	191.1	57.77	193.8	58.33	196.8	58.62	202.5	58.78	208.4	59.26
	46	151.5	52.96	168.4	54.49	174.4	55.95	177.1	56.40	179.8	56.69	185.2	56.85	190.6	57.30
	48	133.9	51.87	146.3	53.52	151.7	54.86	153.9	55.18	156.3	55.37	161.2	55.58	166.0	55.81
110	10	152.3	17.43	181.7	21.24	203.0	25.24	208.7	27.33	221.9	29.41	227.1	30.21	242.5	30.72
	12	152.3	17.99	181.7	21.96	203.0	26.29	208.7	28.09	221.9	30.50	227.1	31.48	242.5	32.22
	14	152.3	18.54	181.7	22.96	203.0	27.48	208.7	29.49	221.9	32.04	227.1	32.96	242.5	33.65
	16	152.3	19.20	181.7	23.78	203.0	28.62	208.7	30.77	221.9	33.52	227.1	34.44	242.5	35.05
	18	152.3	19.92	181.7	24.79	203.0	30.26	208.7	32.40	221.9	35.37	227.1	36.06	242.5	36.74
	20	152.3	20.63	181.7	26.03	203.0	32.09	208.7	33.89	221.9	37.08	227.1	37.99	242.5	38.60
	21	152.3	21.08	181.7	26.80	203.0	32.91	208.7	34.81	221.9	38.12	227.1	39.07	242.5	39.68
	23	152.3	22.46	181.7	28.73	203.0	34.76	208.7	36.74	221.9	40.26	227.1	41.13	242.5	41.80
	25	152.3	23.99	181.7	30.66	203.0	36.72	208.7	38.84	221.9	42.54	227.1	43.15	239.5	44.02
	27	152.3	25.63	181.7	32.77	203.0	38.80	208.7	41.11	221.9	44.42	227.1	45.45	236.0	46.21
	29	152.3	27.38	181.7	34.99	203.0	41.00	208.7	43.54	221.9	46.95	227.1	47.75	233.0	48.49
	31	152.3	29.10	181.7	37.30	203.0	43.33	208.7	46.13	218.4	49.33	224.1	50.29	229.2	50.82
	33	152.3	31.03	181.7	39.71	203.0	45.77	208.7	48.88	215.4	52.09	220.6	52.96	226.3	53.25
	35	152.3	32.96	181.7	42.40	203.0	48.35	208.7	51.80	211.7	54.97	216.8	55.50	222.7	55.76
	37	152.3	34.94	181.7	45.00	203.0	51.03	205.8	54.87	208.1	57.99	213.9	58.20	219.0	58.35
	39	152.3	37.67	181.7	47.83	199.2	53.86	202.2	58.70	205.2	60.87	210.3	60.97	216.2	61.03
	41	148.5	40.39	177.1	50.65	190.6	56.79	193.6	63.49	196.3	63.49	202.0	63.99	207.1	64.50
	43	144.7	42.41	172.6	52.77	182.8	60.23	185.8	60.90	188.2	60.76	193.8	61.11	198.7	61.29
	46	135.8	41.40	161.7	50.95	166.8	57.16	169.6	57.14	172.0	57.64	177.1	57.96	181.7	58.12
	48	120.1	40.21	140.7	49.07	144.9	54.39	147.4	54.73	149.3	55.00	154.1	55.16	158.2	55.39

7. Capacity Tables

Cooling Capacity (54RT)

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	128.2	15.69	152.5	19.08	177.6	22.64	189.8	24.47	202.0	26.29	224.1	29.26	228.9	29.49
	12	128.2	16.19	152.5	19.87	177.6	23.41	189.8	25.13	202.0	27.12	224.1	30.82	228.9	31.14
	14	128.2	16.72	152.5	20.66	177.6	24.39	189.8	26.21	202.0	28.28	224.1	32.56	228.9	32.86
	16	128.2	17.22	152.5	21.35	177.6	25.42	189.8	27.46	202.0	29.81	224.1	34.13	228.9	34.60
	18	128.2	17.72	152.5	22.14	177.6	26.42	189.8	28.78	202.0	31.61	224.1	36.06	228.9	36.35
	20	128.2	18.36	152.5	22.96	177.6	27.96	189.8	30.84	202.0	33.83	224.1	37.78	228.9	38.09
	21	128.2	18.73	152.5	23.52	177.6	28.91	189.8	31.90	202.0	35.08	224.1	38.65	228.9	38.96
	23	128.2	19.86	152.5	25.16	177.6	31.03	189.8	34.21	202.0	37.59	224.1	40.47	228.9	40.79
	25	128.2	21.11	152.5	26.80	177.6	33.15	189.8	36.61	202.0	40.18	224.1	42.19	227.0	42.54
	27	128.2	22.56	152.5	28.62	177.6	35.47	189.8	39.13	202.0	42.72	219.5	44.18	224.3	44.52
	29	128.2	23.99	152.5	30.55	177.6	37.88	189.8	41.82	202.0	45.23	215.5	45.95	220.8	46.32
	31	128.2	25.63	152.5	32.57	177.6	40.39	189.8	44.63	202.0	47.51	212.2	47.75	217.4	48.12
	33	128.2	27.17	152.5	34.70	177.6	43.09	189.8	47.61	202.0	49.31	208.9	49.52	214.1	49.92
	35	128.2	28.91	152.5	36.90	177.6	45.87	189.8	50.79	199.0	51.10	205.2	51.29	210.3	51.71
	37	128.2	30.97	152.5	39.60	177.6	48.59	189.8	53.20	195.7	53.46	201.4	53.68	206.0	54.18
	39	128.2	33.20	152.5	42.53	177.6	51.50	189.8	55.81	192.5	56.05	198.1	56.27	202.7	56.79
	41	126.1	35.42	150.1	45.47	174.7	54.39	182.2	58.41	186.0	58.65	190.6	58.86	196.6	59.39
	43	121.8	37.51	145.0	48.20	168.7	57.00	174.7	60.63	176.6	60.87	182.0	61.05	186.8	61.63
	46	114.2	40.34	135.8	51.96	158.2	60.45	159.5	63.49	161.2	63.67	166.3	63.86	170.9	64.47
	48	101.0	34.82	120.1	44.97	136.6	51.69	138.5	53.86	140.1	54.04	144.7	54.17	148.5	54.60
90	10	115.3	13.53	137.7	16.26	160.1	19.17	170.9	20.66	181.7	22.24	204.1	24.89	226.5	27.69
	12	115.3	13.69	137.7	16.52	160.1	19.51	170.9	21.08	181.7	22.74	204.1	25.39	226.5	28.17
	14	115.3	13.95	137.7	16.84	160.1	19.91	170.9	21.50	181.7	23.16	204.1	25.88	226.5	28.74
	16	115.3	14.19	137.7	17.18	160.1	20.33	170.9	21.90	181.7	23.57	204.1	26.38	226.5	29.24
	18	115.3	14.45	137.7	17.52	160.1	20.66	170.9	22.40	181.7	24.07	204.1	26.94	226.5	30.71
	20	115.3	14.69	137.7	17.83	160.1	21.08	170.9	22.82	181.7	24.97	204.1	28.84	226.5	32.18
	21	115.3	14.85	137.7	18.01	160.1	21.50	170.9	23.57	181.7	25.89	204.1	29.30	226.5	32.91
	23	115.3	15.18	137.7	18.75	160.1	22.98	170.9	25.31	181.7	27.72	204.1	31.08	223.3	34.46
	25	115.3	15.94	137.7	20.01	160.1	24.57	170.9	27.06	181.7	29.63	204.1	33.23	220.0	35.93
	27	115.3	17.02	137.7	21.32	160.1	26.22	170.9	28.87	181.7	31.70	204.1	35.33	216.8	37.61
	29	115.3	18.01	137.7	22.74	160.1	28.04	170.9	30.87	181.7	33.86	204.1	37.42	213.6	39.13
	31	115.3	19.17	137.7	24.23	160.1	29.87	170.9	32.86	181.7	36.09	204.1	39.29	210.3	40.65
	33	115.3	20.41	137.7	25.81	160.1	31.86	170.9	35.01	181.7	38.29	204.1	41.20	207.1	42.17
	35	115.3	21.66	137.7	27.38	160.1	33.86	170.9	37.34	181.7	40.60	200.6	43.56	203.9	44.56
	37	115.3	22.98	137.7	29.13	160.1	36.11	170.9	39.68	181.7	42.85	197.3	45.53	200.6	46.55
	39	115.3	24.34	137.7	30.97	160.1	38.21	170.9	42.22	181.7	45.06	194.1	47.99	197.4	48.57
	41	112.3	27.22	134.2	34.35	155.8	41.93	166.5	46.16	177.1	48.65	186.0	50.59	189.3	51.74
	43	109.6	29.40	130.7	37.11	152.0	45.81	162.3	49.72	172.6	52.16	178.2	54.16	181.5	54.83
	46	102.6	33.09	122.6	42.27	142.5	52.19	152.0	56.36	156.9	57.96	162.8	59.45	165.8	59.55
	48	90.7	28.92	108.5	36.98	126.1	45.66	134.5	49.17	136.3	49.94	141.5	51.19	144.2	51.25
80	10	102.3	11.30	122.0	13.58	141.7	15.93	151.8	17.19	162.0	18.45	181.7	21.04	201.4	22.84
	12	102.3	11.54	122.0	13.74	141.7	16.24	151.8	17.50	162.0	18.76	181.7	21.42	201.4	23.28
	14	102.3	11.69	122.0	14.06	141.7	16.48	151.8	17.82	162.0	19.08	181.7	21.81	201.4	23.75
	16	102.3	11.85	122.0	14.29	141.7	16.79	151.8	18.13	162.0	19.47	181.7	22.28	201.4	24.20
	18	102.3	12.09	122.0	14.53	141.7	17.11	151.8	18.45	162.0	19.86	181.7	22.68	201.4	24.73
	20	102.3	12.32	122.0	14.84	141.7	17.50	151.8	18.84	162.0	20.26	181.7	23.54	201.4	26.20
	21	102.3	12.40	122.0	15.00	141.7	17.66	151.8	19.08	162.0	20.73	181.7	24.28	201.4	26.88
	23	102.3	12.64	122.0	15.22	141.7	18.45	151.8	20.26	162.0	22.13	181.7	25.65	201.4	28.22
	25	102.3	13.11	122.0	16.24	141.7	19.78	151.8	21.65	162.0	23.70	181.7	27.46	201.4	30.17
	27	102.3	13.90	122.0	17.26	141.7	21.12	151.8	23.15	162.0	25.28	181.7	29.17	201.4	31.74
	29	102.3	14.76	122.0	18.45	141.7	22.44	151.8	24.65	162.0	27.01	181.7	31.24	201.4	33.98
	31	102.3	15.69	122.0	19.55	141.7	23.94	151.8	26.30	162.0	28.72	181.7	33.16	201.4	35.68
	33	102.3	16.63	122.0	20.89	141.7	25.51	151.8	28.01	162.0	30.61	181.7	34.95	201.4	37.41
	35	102.3	17.66	122.0	22.13	141.7	27.17	151.8	29.82	162.0	32.66	181.7	37.05	199.2	38.76
	37	102.3	18.68	122.0	23.54	141.7	28.80	151.8	31.71	162.0	34.69	181.7	39.10	196.0	40.52
	39	102.3	19.74	122.0	24.88	141.7	30.82	151.8	34.08	162.0	37.29	181.7	41.31	192.8	42.75
	41	99.7	21.84	118.8	27.57	138.0	33.82	148.0	37.37	157.9	40.96	177.1	45.96	184.7	47.38
	43	97.2	24.04	115.9	30.09	134.7	36.92	144.2	40.73	153.9	44.77	172.6	49.19	177.1	50.72
	46	91.2	26.75	108.6	33.89	126.1	41.60	135.3	45.33	144.2	50.51	157.9	53.71	161.7	54.55
	48	80.7	23.36	96.1	29.64	111.5	36.37	119.6	39.60	127.7	44.22	137.1	46.48	140.4	46.96

7. Capacity Tables

Cooling Capacity (54RT)

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	89.4	9.90	107.2	11.77	124.0	13.64	132.8	14.74	141.7	15.74	158.7	17.93	176.3	20.06
	12	89.4	10.06	107.2	11.93	124.0	13.95	132.8	14.96	141.7	16.06	158.7	18.24	176.3	20.43
	14	89.4	10.21	107.2	12.08	124.0	14.19	132.8	15.19	141.7	16.30	158.7	18.64	176.3	20.80
	16	89.4	10.37	107.2	12.32	124.0	14.43	132.8	15.51	141.7	16.61	158.7	18.93	176.3	21.25
	18	89.4	10.53	107.2	12.56	124.0	14.74	132.8	15.82	141.7	16.91	158.7	19.25	176.3	21.62
	20	89.4	10.69	107.2	12.79	124.0	14.96	132.8	16.14	141.7	17.30	158.7	19.72	176.3	22.46
	21	89.4	10.84	107.2	12.87	124.0	15.11	132.8	16.30	141.7	17.46	158.7	20.04	176.3	22.93
	23	89.4	10.98	107.2	13.17	124.0	15.43	132.8	16.83	141.7	18.32	158.7	21.43	176.3	24.20
	25	89.4	11.14	107.2	13.64	124.0	16.45	132.8	18.01	141.7	19.56	158.7	22.91	176.3	25.38
	27	89.4	11.77	107.2	14.58	124.0	17.54	132.8	19.09	141.7	20.88	158.7	24.48	176.3	26.96
	29	89.4	12.56	107.2	15.43	124.0	18.64	132.8	20.35	141.7	22.22	158.7	26.12	176.3	28.91
	31	89.4	13.32	107.2	16.45	124.0	19.88	132.8	21.75	141.7	23.70	158.7	27.83	176.3	30.67
	33	89.4	14.11	107.2	17.38	124.0	21.12	132.8	23.07	141.7	25.17	158.7	29.62	176.3	32.65
	35	89.4	14.88	107.2	18.56	124.0	22.46	132.8	24.56	141.7	26.81	158.7	31.57	176.3	34.62
	37	89.4	15.82	107.2	19.64	124.0	23.85	132.8	26.12	141.7	28.54	158.7	33.60	176.3	36.52
	39	89.4	16.80	107.2	20.96	124.0	25.51	132.8	28.09	141.7	30.83	158.7	35.96	176.3	39.39
	41	87.2	18.59	104.5	22.96	120.9	27.98	129.6	30.81	138.0	33.51	154.5	39.49	171.7	42.49
	43	85.0	20.22	101.8	25.01	118.0	30.52	126.3	33.60	134.7	36.59	150.7	43.15	167.4	45.94
	46	79.7	22.48	95.3	28.12	110.4	34.38	118.3	37.44	126.1	41.23	141.2	48.66	156.9	51.21
	48	70.5	19.61	84.5	24.57	97.7	30.04	104.7	32.70	111.5	36.07	125.0	42.57	138.8	44.31
60	10	76.7	8.52	91.5	10.00	106.4	11.61	113.9	12.45	121.3	13.24	136.3	15.01	151.2	16.80
	12	76.7	8.68	91.5	10.13	106.4	11.77	113.9	12.61	121.3	13.48	136.3	15.25	151.2	17.10
	14	76.7	8.76	91.5	10.29	106.4	12.00	113.9	12.85	121.3	13.69	136.3	15.56	151.2	17.41
	16	76.7	8.89	91.5	10.53	106.4	12.16	113.9	13.08	121.3	14.01	136.3	15.88	151.2	17.73
	18	76.7	9.05	91.5	10.68	106.4	12.38	113.9	13.32	121.3	14.25	136.3	16.09	151.2	18.12
	20	76.7	9.21	91.5	10.84	106.4	12.61	113.9	13.54	121.3	14.48	136.3	16.41	151.2	18.50
	21	76.7	9.29	91.5	10.92	106.4	12.77	113.9	13.69	121.3	14.64	136.3	16.65	151.2	18.65
	23	76.7	9.44	91.5	11.16	106.4	12.93	113.9	13.93	121.3	14.93	136.3	17.26	151.2	19.81
	25	76.7	9.60	91.5	11.37	106.4	13.48	113.9	14.64	121.3	15.88	136.3	18.42	151.2	21.21
	27	76.7	9.92	91.5	12.00	106.4	14.32	113.9	15.56	121.3	16.88	136.3	19.58	151.2	22.61
	29	76.7	10.53	91.5	12.77	106.4	15.25	113.9	16.57	121.3	17.96	136.3	20.90	151.2	24.14
	31	76.7	11.16	91.5	13.54	106.4	16.17	113.9	17.65	121.3	19.12	136.3	22.29	151.2	25.70
	33	76.7	11.77	91.5	14.32	106.4	17.18	113.9	18.73	121.3	20.36	136.3	23.69	151.2	27.41
	35	76.7	12.45	91.5	15.25	106.4	18.26	113.9	19.89	121.3	21.60	136.3	25.24	151.2	29.10
	37	76.7	13.16	91.5	16.09	106.4	19.36	113.9	21.13	121.3	22.92	136.3	26.78	151.2	30.97
	39	76.7	13.99	91.5	17.15	106.4	20.89	113.9	22.66	121.3	24.66	136.3	28.73	151.2	33.19
	41	74.5	15.17	89.1	18.76	103.7	22.69	111.0	24.77	118.2	26.77	132.8	31.52	147.4	36.06
	43	72.9	16.49	86.9	20.42	101.2	24.72	108.3	26.99	115.3	29.18	129.6	34.40	143.6	39.39
	46	68.3	18.47	81.5	22.92	94.8	27.81	101.5	30.34	108.0	32.84	121.3	38.76	134.7	44.87
	48	60.4	16.09	72.1	20.00	83.9	24.30	89.7	26.49	95.6	28.70	107.4	33.90	119.1	39.26
50	10	64.0	7.30	76.7	8.46	88.8	9.60	95.0	10.31	101.0	10.92	113.1	12.29	126.1	13.69
	12	64.0	7.38	76.7	8.54	88.8	9.76	95.0	10.44	101.0	11.15	113.1	12.53	126.1	13.91
	14	64.0	7.46	76.7	8.69	88.8	9.91	95.0	10.60	101.0	11.29	113.1	12.69	126.1	14.14
	16	64.0	7.61	76.7	8.83	88.8	10.07	95.0	10.84	101.0	11.45	113.1	12.92	126.1	14.38
	18	64.0	7.69	76.7	8.91	88.8	10.23	95.0	11.00	101.0	11.68	113.1	13.14	126.1	14.67
	20	64.0	7.77	76.7	9.07	88.8	10.44	95.0	11.15	101.0	11.92	113.1	13.38	126.1	14.99
	21	64.0	7.85	76.7	9.15	88.8	10.52	95.0	11.29	101.0	12.00	113.1	13.53	126.1	15.15
	23	64.0	7.99	76.7	9.30	88.8	10.68	95.0	11.45	101.0	12.22	113.1	13.77	126.1	15.44
	25	64.0	8.06	76.7	9.46	88.8	10.92	95.0	11.68	101.0	12.61	113.1	14.46	126.1	16.52
	27	64.0	8.22	76.7	9.76	88.8	11.53	95.0	12.45	101.0	13.38	113.1	15.44	126.1	17.61
	29	64.0	8.69	76.7	10.39	88.8	12.22	95.0	13.22	101.0	14.22	113.1	16.37	126.1	18.69
	31	64.0	9.15	76.7	11.00	88.8	12.98	95.0	13.99	101.0	15.15	113.1	17.45	126.1	19.91
	33	64.0	9.68	76.7	11.61	88.8	13.77	95.0	14.83	101.0	16.07	113.1	18.53	126.1	21.22
	35	64.0	10.23	76.7	12.29	88.8	14.54	95.0	15.76	101.0	17.00	113.1	19.59	126.1	22.52
	37	64.0	10.84	76.7	12.98	88.8	15.38	95.0	16.68	101.0	17.98	113.1	20.91	126.1	23.90
	39	64.0	11.55	76.7	13.93	88.8	16.47	95.0	17.95	101.0	19.30	113.1	22.26	126.1	25.83
	41	62.4	12.50	74.5	15.07	86.4	18.00	92.6	19.45	98.5	20.91	110.4	24.40	122.8	28.05
	43	60.8	13.59	72.9	16.39	84.5	19.59	90.2	21.17	96.1	22.76	107.5	26.62	119.9	30.59
	46	57.0	15.22	68.3	18.40	79.1	21.99	84.5	23.79	89.9	25.56	100.7	29.95	112.3	34.44
	48	50.5	13.27	60.4	16.04	69.9	19.17	74.8	20.75	79.6	22.31	89.1	26.17	99.3	30.11

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

◆ ARUV674BTE5 / ARUV674DTE5

Cooling Capacity (56RT)

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	195.0	22.18	232.2	27.11	249.0	31.47	256.0	32.10	263.3	32.36	275.9	32.61	282.9	32.75
	12	195.0	22.75	232.2	28.09	249.0	32.75	256.0	32.97	263.3	33.24	275.9	33.49	282.9	33.79
	14	195.0	23.51	232.2	29.10	249.0	33.98	256.0	34.22	263.3	34.52	275.9	34.79	282.9	35.09
	16	195.0	24.36	232.2	30.13	249.0	35.50	256.0	35.83	263.3	36.13	275.9	36.45	282.9	36.73
	18	195.0	25.39	232.2	31.85	249.0	37.14	256.0	37.95	263.3	38.25	275.9	38.63	282.9	38.88
	20	195.0	26.51	232.2	33.95	249.0	38.96	256.0	41.74	263.3	42.07	271.9	42.48	279.0	42.78
	21	195.0	27.19	232.2	35.14	249.0	39.78	256.0	44.16	263.3	44.52	270.3	44.96	277.5	45.28
	23	195.0	29.18	232.2	36.97	249.0	41.85	256.0	48.74	259.9	49.12	266.4	49.61	273.4	49.94
	25	195.0	31.17	232.2	39.09	249.0	44.73	252.9	54.05	256.0	54.49	263.3	55.01	270.3	55.39
	27	195.0	33.35	232.2	41.79	245.9	47.65	249.0	59.50	252.9	59.97	259.9	60.57	266.4	60.98
	29	195.0	35.53	232.2	44.68	241.7	51.27	245.3	65.39	249.0	65.77	256.0	66.37	263.3	66.64
	31	195.0	37.92	231.6	47.05	237.8	54.54	241.7	65.11	245.3	65.50	252.1	66.09	259.1	66.34
	33	195.0	40.40	227.4	49.86	234.7	58.49	238.4	64.52	241.7	64.90	249.0	65.49	255.2	65.74
	35	195.0	43.08	223.5	52.22	230.5	63.37	234.7	63.67	238.4	64.05	244.8	64.63	252.1	64.89
	37	195.0	45.94	220.4	54.79	227.4	62.53	230.5	62.83	234.7	63.21	241.1	63.78	248.2	64.03
	39	195.0	48.91	216.5	57.68	223.5	61.68	227.4	62.01	230.5	62.36	237.8	62.93	244.8	63.18
	41	189.9	51.90	207.5	60.56	214.5	60.84	217.6	61.16	221.9	61.52	228.6	62.07	234.7	62.31
	43	185.4	54.73	198.8	59.72	205.6	60.02	208.9	60.32	213.1	60.67	219.6	61.22	225.5	61.46
	46	173.7	58.58	181.5	58.47	187.9	58.76	191.0	59.04	194.9	59.40	201.1	59.94	206.5	60.18
	48	153.7	56.94	157.4	57.13	163.3	57.24	166.1	57.40	169.5	57.89	175.0	58.25	179.8	58.49
120	10	176.5	19.97	209.8	24.47	229.4	29.09	236.4	31.44	243.4	31.93	256.5	32.07	262.7	32.31
	12	176.5	20.51	209.8	25.31	229.4	30.27	236.4	32.10	243.4	33.11	256.5	33.51	262.7	33.78
	14	176.5	21.20	209.8	26.16	229.4	31.47	236.4	33.32	243.4	34.33	256.5	34.84	262.7	35.12
	16	176.5	21.96	209.8	27.24	229.4	32.69	236.4	34.57	243.4	35.91	256.5	36.35	262.7	36.64
	18	176.5	22.83	209.8	28.47	229.4	34.00	236.4	36.37	243.4	37.76	256.5	38.19	262.7	38.50
	20	176.5	23.70	209.8	30.18	229.4	35.83	236.4	38.28	243.4	39.75	256.5	40.27	262.7	40.60
	21	176.5	24.41	209.8	31.27	229.4	36.84	236.4	39.42	243.4	41.06	256.5	41.58	262.7	41.93
	23	176.5	26.10	209.8	33.46	229.4	39.48	236.4	41.88	243.4	43.78	256.5	44.22	262.7	44.57
	25	176.5	27.90	209.8	35.83	229.4	41.63	236.4	44.65	243.4	46.94	253.5	47.35	259.6	47.73
	27	176.5	29.78	209.8	38.31	229.4	44.30	236.4	47.70	243.4	50.46	249.5	50.79	255.7	51.19
	29	176.5	31.77	209.8	40.89	229.4	46.62	236.4	51.05	239.4	53.78	245.6	54.57	252.6	55.01
	31	176.5	33.84	209.8	43.67	229.4	49.04	233.3	54.68	236.4	57.68	242.5	58.71	248.7	59.17
	33	176.5	36.04	209.8	46.56	226.3	51.87	229.4	59.36	232.4	61.93	238.6	62.64	244.8	63.13
	35	176.5	38.31	209.8	49.64	222.4	54.90	225.4	65.39	229.4	65.71	235.6	65.91	241.7	66.43
	37	176.5	41.22	209.8	52.37	219.1	58.52	222.4	64.02	225.4	64.33	231.6	64.52	237.8	65.03
	39	176.5	44.36	209.2	55.36	215.4	62.09	218.4	62.69	221.5	63.02	228.6	63.21	234.7	63.70
	41	172.0	47.52	200.0	58.33	206.7	60.86	209.5	61.38	212.6	61.68	218.8	61.87	225.2	62.36
	43	167.8	50.73	191.6	57.49	198.3	59.50	201.1	60.07	204.1	60.37	210.1	60.54	216.2	61.03
	46	157.1	54.54	174.7	56.12	181.0	57.62	183.7	58.09	186.5	58.39	192.1	58.55	197.8	59.02
	48	139.0	53.43	151.8	55.12	157.4	56.50	159.7	56.83	162.2	57.02	167.2	57.24	172.2	57.48
110	10	158.0	17.95	188.5	21.88	210.6	25.99	216.5	28.14	230.2	30.29	235.6	31.12	251.5	31.63
	12	158.0	18.52	188.5	22.62	210.6	27.08	216.5	28.93	230.2	31.42	235.6	32.42	251.5	33.18
	14	158.0	19.10	188.5	23.65	210.6	28.31	216.5	30.37	230.2	33.00	235.6	33.95	251.5	34.66
	16	158.0	19.78	188.5	24.50	210.6	29.48	216.5	31.69	230.2	34.52	235.6	35.47	251.5	36.10
	18	158.0	20.51	188.5	25.53	210.6	31.17	216.5	33.37	230.2	36.42	235.6	37.14	251.5	37.84
	20	158.0	21.25	188.5	26.81	210.6	33.05	216.5	34.90	230.2	38.19	235.6	39.12	251.5	39.75
	21	158.0	21.71	188.5	27.60	210.6	33.90	216.5	35.85	230.2	39.26	235.6	40.24	251.5	40.87
	23	158.0	23.13	188.5	29.59	210.6	35.80	216.5	37.84	230.2	41.47	235.6	42.36	251.5	43.05
	25	158.0	24.71	188.5	31.57	210.6	37.82	216.5	40.00	230.2	43.81	235.6	44.44	248.4	45.34
	27	158.0	26.40	188.5	33.75	210.6	39.97	216.5	42.34	230.2	45.75	235.6	46.81	244.8	47.60
	29	158.0	28.20	188.5	36.04	210.6	42.23	216.5	44.84	230.2	48.36	235.6	49.18	241.7	49.94
	31	158.0	29.97	188.5	38.41	210.6	44.63	216.5	47.51	226.6	50.81	232.5	51.80	237.8	52.34
	33	158.0	31.96	188.5	40.89	210.6	47.14	216.5	50.35	223.5	53.65	228.8	54.54	234.7	54.84
	35	158.0	33.95	188.5	43.67	210.6	49.80	216.5	53.35	219.6	56.62	224.9	57.16	231.1	57.43
	37	158.0	35.99	188.5	46.35	210.6	52.56	213.5	56.51	215.9	59.72	221.9	59.94	227.2	60.10
	39	158.0	38.79	188.5	49.26	206.7	55.47	209.8	60.45	212.9	62.69	218.2	62.80	224.3	62.85
	41	154.0	41.60	183.7	52.17	197.8	58.49	200.9	65.39	203.6	65.39	209.5	65.91	214.8	66.43
	43	150.2	43.68	179.0	54.35	189.6	62.03	192.7	62.72	195.2	62.58	201.1	62.94	206.1	63.12
	46	140.9	42.64	167.8	52.47	173.1	58.87	175.9	58.85	178.4	59.37	183.7	59.69	188.5	59.86
	48	124.6	41.41	145.9	50.54	150.4	56.01	152.9	56.37	154.9	56.64	159.9	56.81	164.1	57.05

7. Capacity Tables

Cooling Capacity (56RT)

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	133.0	16.16	158.2	19.65	184.3	23.32	196.9	25.20	209.5	27.08	232.4	30.13	237.5	30.38
	12	133.0	16.68	158.2	20.46	184.3	24.11	196.9	25.88	209.5	27.93	232.4	31.74	237.5	32.07
	14	133.0	17.22	158.2	21.28	184.3	25.12	196.9	27.00	209.5	29.13	232.4	33.54	237.5	33.84
	16	133.0	17.74	158.2	21.98	184.3	26.19	196.9	28.28	209.5	30.71	232.4	35.15	237.5	35.64
	18	133.0	18.25	158.2	22.80	184.3	27.21	196.9	29.64	209.5	32.56	232.4	37.13	237.5	37.43
	20	133.0	18.91	158.2	23.65	184.3	28.79	196.9	31.77	209.5	34.84	232.4	38.91	237.5	39.23
	21	133.0	19.29	158.2	24.22	184.3	29.78	196.9	32.86	209.5	36.13	232.4	39.80	237.5	40.13
	23	133.0	20.46	158.2	25.91	184.3	31.96	196.9	35.23	209.5	38.71	232.4	41.68	237.5	42.01
	25	133.0	21.74	158.2	27.60	184.3	34.14	196.9	37.71	209.5	41.39	232.4	43.46	235.5	43.81
	27	133.0	23.24	158.2	29.48	184.3	36.53	196.9	40.30	209.5	44.00	227.7	45.50	232.7	45.86
	29	133.0	24.71	158.2	31.47	184.3	39.01	196.9	43.08	209.5	46.59	223.5	47.33	229.1	47.71
	31	133.0	26.40	158.2	33.54	184.3	41.60	196.9	45.96	209.5	48.93	220.2	49.17	225.5	49.56
	33	133.0	27.98	158.2	35.74	184.3	44.38	196.9	49.04	209.5	50.78	216.8	51.00	222.1	51.41
	35	133.0	29.78	158.2	38.01	184.3	47.24	196.9	52.31	206.4	52.63	212.8	52.83	218.2	53.26
	37	133.0	31.90	158.2	40.78	184.3	50.05	196.9	54.79	203.0	55.06	208.9	55.28	213.7	55.80
	39	133.0	34.19	158.2	43.81	184.3	53.04	196.9	57.48	199.7	57.73	205.5	57.95	210.3	58.49
	41	130.8	36.48	155.7	46.83	181.2	56.02	189.0	60.16	193.0	60.40	197.7	60.62	203.9	61.17
	43	126.3	38.63	150.4	49.64	175.1	58.71	181.2	62.45	183.2	62.69	188.8	62.88	193.8	63.48
	46	118.4	41.55	140.9	53.51	164.1	62.26	165.5	65.39	167.2	65.58	172.5	65.77	177.3	66.40
	48	104.7	35.86	124.6	46.31	141.7	53.23	143.7	55.47	145.3	55.66	150.1	55.79	154.1	56.23
90	10	119.6	14.11	142.8	16.96	166.1	20.00	177.3	21.55	188.5	23.20	211.7	25.96	235.0	28.88
	12	119.6	14.28	142.8	17.23	166.1	20.35	177.3	21.99	188.5	23.72	211.7	26.48	235.0	29.38
	14	119.6	14.55	142.8	17.56	166.1	20.77	177.3	22.43	188.5	24.15	211.7	27.00	235.0	29.98
	16	119.6	14.80	142.8	17.92	166.1	21.20	177.3	22.84	188.5	24.59	211.7	27.52	235.0	30.50
	18	119.6	15.07	142.8	18.27	166.1	21.55	177.3	23.36	188.5	25.11	211.7	28.10	235.0	32.03
	20	119.6	15.32	142.8	18.60	166.1	21.99	177.3	23.80	188.5	26.04	211.7	30.09	235.0	33.56
	21	119.6	15.49	142.8	18.79	166.1	22.43	177.3	24.59	188.5	27.00	211.7	30.56	235.0	34.33
	23	119.6	15.84	142.8	19.56	166.1	23.97	177.3	26.40	188.5	28.91	211.7	32.42	231.6	35.94
	25	119.6	16.63	142.8	20.87	166.1	25.63	177.3	28.23	188.5	30.91	211.7	34.66	228.3	37.48
	27	119.6	17.75	142.8	22.24	166.1	27.35	177.3	30.12	188.5	33.07	211.7	36.85	224.9	39.23
	29	119.6	18.79	142.8	23.72	166.1	29.25	177.3	32.20	188.5	35.31	211.7	39.04	221.6	40.82
	31	119.6	20.00	142.8	25.28	166.1	31.16	177.3	34.28	188.5	37.64	211.7	40.98	218.2	42.40
	33	119.6	21.28	142.8	26.92	166.1	33.24	177.3	36.52	188.5	39.94	211.7	42.97	214.9	43.99
	35	119.6	22.59	142.8	28.56	166.1	35.31	177.3	38.95	188.5	42.35	208.1	45.43	211.5	46.47
	37	119.6	23.97	142.8	30.39	166.1	37.66	177.3	41.39	188.5	44.70	204.7	47.49	208.1	48.55
	39	119.6	25.39	142.8	32.31	166.1	39.86	177.3	44.04	188.5	47.00	201.4	50.06	204.8	50.66
	41	116.5	28.40	139.2	35.83	161.6	43.74	172.8	48.15	183.7	50.75	193.0	52.77	196.3	53.97
	43	113.7	30.66	135.6	38.71	157.7	47.79	168.4	51.86	179.0	54.41	184.9	56.49	188.3	57.20
	46	106.4	34.52	127.2	44.09	147.9	54.44	157.7	58.79	162.7	60.45	168.9	62.02	172.0	62.12
	48	94.1	30.17	112.6	38.57	130.8	47.63	139.5	51.29	141.4	52.09	146.8	53.39	149.6	53.45
80	10	106.2	11.82	126.6	14.21	147.0	16.66	157.4	17.97	168.1	19.29	188.5	22.01	208.9	23.88
	12	106.2	12.07	126.6	14.37	147.0	16.99	157.4	18.30	168.1	19.62	188.5	22.40	208.9	24.35
	14	106.2	12.23	126.6	14.70	147.0	17.23	157.4	18.63	168.1	19.95	188.5	22.81	208.9	24.84
	16	106.2	12.39	126.6	14.95	147.0	17.56	157.4	18.96	168.1	20.36	188.5	23.31	208.9	25.31
	18	106.2	12.64	126.6	15.19	147.0	17.89	157.4	19.29	168.1	20.77	188.5	23.72	208.9	25.86
	20	106.2	12.89	126.6	15.52	147.0	18.30	157.4	19.70	168.1	21.19	188.5	24.62	208.9	27.40
	21	106.2	12.97	126.6	15.69	147.0	18.47	157.4	19.95	168.1	21.68	188.5	25.40	208.9	28.12
	23	106.2	13.22	126.6	15.92	147.0	19.29	157.4	21.19	168.1	23.14	188.5	26.82	208.9	29.51
	25	106.2	13.71	126.6	16.99	147.0	20.69	157.4	22.65	168.1	24.79	188.5	28.71	208.9	31.55
	27	106.2	14.54	126.6	18.06	147.0	22.09	157.4	24.21	168.1	26.44	188.5	30.50	208.9	33.20
	29	106.2	15.44	126.6	19.29	147.0	23.47	157.4	25.78	168.1	28.25	188.5	32.68	208.9	35.53
	31	106.2	16.41	126.6	20.44	147.0	25.04	157.4	27.51	168.1	30.04	188.5	34.68	208.9	37.32
	33	106.2	17.40	126.6	21.84	147.0	26.68	157.4	29.30	168.1	32.02	188.5	36.55	208.9	39.13
	35	106.2	18.47	126.6	23.14	147.0	28.41	157.4	31.19	168.1	34.16	188.5	38.75	206.7	40.54
	37	106.2	19.54	126.6	24.62	147.0	30.12	157.4	33.17	168.1	36.28	188.5	40.89	203.3	42.38
	39	106.2	20.64	126.6	26.02	147.0	32.23	157.4	35.65	168.1	39.00	188.5	43.20	200.0	44.71
	41	103.4	22.84	123.3	28.83	143.1	35.37	153.5	39.08	163.8	42.84	183.7	48.07	191.6	49.55
	43	100.9	25.15	120.2	31.47	139.7	38.61	149.6	42.60	159.7	46.83	179.0	51.44	183.7	53.04
	46	94.6	27.98	112.6	35.45	130.8	43.50	140.3	47.41	149.6	52.82	163.8	56.17	167.7	57.05
	48	83.7	24.43	99.7	31.00	115.7	38.04	124.1	41.41	132.5	46.25	142.3	48.61	145.6	49.11

7. Capacity Tables

Cooling Capacity (56RT)

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	92.7	10.38	111.2	12.34	128.6	14.30	137.8	15.46	147.0	16.51	164.7	18.80	182.9	21.04
	12	92.7	10.55	111.2	12.51	128.6	14.63	137.8	15.69	147.0	16.84	164.7	19.13	182.9	21.43
	14	92.7	10.71	111.2	12.67	128.6	14.88	137.8	15.93	147.0	17.09	164.7	19.55	182.9	21.81
	16	92.7	10.88	111.2	12.92	128.6	15.13	137.8	16.26	147.0	17.42	164.7	19.86	182.9	22.28
	18	92.7	11.04	111.2	13.17	128.6	15.46	137.8	16.59	147.0	17.73	164.7	20.19	182.9	22.67
	20	92.7	11.21	111.2	13.42	128.6	15.69	137.8	16.92	147.0	18.14	164.7	20.68	182.9	23.55
	21	92.7	11.37	111.2	13.50	128.6	15.85	137.8	17.09	147.0	18.31	164.7	21.01	182.9	24.05
	23	92.7	11.52	111.2	13.81	128.6	16.18	137.8	17.65	147.0	19.22	164.7	22.48	182.9	25.38
	25	92.7	11.68	111.2	14.30	128.6	17.25	137.8	18.89	147.0	20.52	164.7	24.02	182.9	26.62
	27	92.7	12.34	111.2	15.29	128.6	18.39	137.8	20.02	147.0	21.90	164.7	25.68	182.9	28.28
	29	92.7	13.17	111.2	16.18	128.6	19.55	137.8	21.34	147.0	23.30	164.7	27.39	182.9	30.31
	31	92.7	13.97	111.2	17.25	128.6	20.85	137.8	22.81	147.0	24.85	164.7	29.18	182.9	32.16
	33	92.7	14.80	111.2	18.22	128.6	22.15	137.8	24.19	147.0	26.40	164.7	31.06	182.9	34.24
	35	92.7	15.60	111.2	19.46	128.6	23.55	137.8	25.76	147.0	28.11	164.7	33.11	182.9	36.31
	37	92.7	16.59	111.2	20.60	128.6	25.01	137.8	27.39	147.0	29.93	164.7	35.23	182.9	38.30
	39	92.7	17.62	111.2	21.98	128.6	26.75	137.8	29.46	147.0	32.33	164.7	37.71	182.9	41.30
	41	90.5	19.49	108.4	24.08	125.5	29.35	134.4	32.31	143.1	35.14	160.2	41.42	178.1	44.56
	43	88.2	21.21	105.6	26.23	122.4	32.00	131.1	35.23	139.7	38.38	156.3	45.25	173.7	48.18
	46	82.6	23.58	98.9	29.49	114.6	36.06	122.7	39.26	130.8	43.24	146.5	51.03	162.8	53.70
	48	73.1	20.57	87.6	25.76	101.4	31.51	108.6	34.29	115.7	37.83	129.7	44.65	144.0	46.47
60	10	79.5	8.96	94.9	10.51	110.4	12.21	118.2	13.10	125.8	13.92	141.4	15.79	156.8	17.67
	12	79.5	9.12	94.9	10.66	110.4	12.37	118.2	13.26	125.8	14.17	141.4	16.04	156.8	17.98
	14	79.5	9.21	94.9	10.82	110.4	12.62	118.2	13.51	125.8	14.40	141.4	16.37	156.8	18.31
	16	79.5	9.35	94.9	11.07	110.4	12.79	118.2	13.76	125.8	14.73	141.4	16.70	156.8	18.64
	18	79.5	9.52	94.9	11.23	110.4	13.01	118.2	14.01	125.8	14.98	141.4	16.93	156.8	19.06
	20	79.5	9.68	94.9	11.40	110.4	13.26	118.2	14.24	125.8	15.23	141.4	17.26	156.8	19.45
	21	79.5	9.77	94.9	11.48	110.4	13.43	118.2	14.40	125.8	15.39	141.4	17.50	156.8	19.61
	23	79.5	9.93	94.9	11.73	110.4	13.59	118.2	14.65	125.8	15.70	141.4	18.15	156.8	20.84
	25	79.5	10.10	94.9	11.96	110.4	14.17	118.2	15.39	125.8	16.70	141.4	19.37	156.8	22.30
	27	79.5	10.43	94.9	12.62	110.4	15.06	118.2	16.37	125.8	17.75	141.4	20.59	156.8	23.77
	29	79.5	11.07	94.9	13.43	110.4	16.04	118.2	17.42	125.8	18.89	141.4	21.97	156.8	25.39
	31	79.5	11.73	94.9	14.24	110.4	17.01	118.2	18.56	125.8	20.11	141.4	23.44	156.8	27.02
	33	79.5	12.37	94.9	15.06	110.4	18.06	118.2	19.70	125.8	21.41	141.4	24.91	156.8	28.82
	35	79.5	13.10	94.9	16.04	110.4	19.20	118.2	20.92	125.8	22.72	141.4	26.55	156.8	30.60
	37	79.5	13.84	94.9	16.92	110.4	20.36	118.2	22.22	125.8	24.10	141.4	28.16	156.8	32.57
	39	79.5	14.71	94.9	18.03	110.4	21.97	118.2	23.83	125.8	25.94	141.4	30.21	156.8	34.90
	41	77.3	15.95	92.4	19.72	107.6	23.86	115.1	26.05	122.7	28.15	137.8	33.15	152.9	37.92
	43	75.6	17.34	90.2	21.47	105.0	26.00	112.3	28.38	119.6	30.69	134.4	36.18	149.0	41.42
	46	70.8	19.42	84.6	24.11	98.3	29.24	105.3	31.90	112.1	34.54	125.8	40.76	139.7	47.19
	48	62.7	16.92	74.8	21.03	87.1	25.55	93.0	27.86	99.2	30.18	111.4	35.65	123.5	41.28
50	10	66.4	7.70	79.5	8.92	92.1	10.12	98.6	10.87	104.8	11.51	117.4	12.96	130.8	14.44
	12	66.4	7.78	79.5	9.00	92.1	10.29	98.6	11.01	104.8	11.76	117.4	13.21	130.8	14.67
	14	66.4	7.86	79.5	9.17	92.1	10.45	98.6	11.18	104.8	11.91	117.4	13.38	130.8	14.91
	16	66.4	8.03	79.5	9.31	92.1	10.62	98.6	11.43	104.8	12.07	117.4	13.63	130.8	15.16
	18	66.4	8.11	79.5	9.40	92.1	10.79	98.6	11.59	104.8	12.32	117.4	13.86	130.8	15.47
	20	66.4	8.19	79.5	9.56	92.1	11.01	98.6	11.76	104.8	12.57	117.4	14.10	130.8	15.81
	21	66.4	8.28	79.5	9.65	92.1	11.10	98.6	11.91	104.8	12.65	117.4	14.27	130.8	15.97
	23	66.4	8.42	79.5	9.81	92.1	11.26	98.6	12.07	104.8	12.88	117.4	14.52	130.8	16.28
	25	66.4	8.50	79.5	9.98	92.1	11.51	98.6	12.32	104.8	13.30	117.4	15.25	130.8	17.42
	27	66.4	8.67	79.5	10.29	92.1	12.16	98.6	13.13	104.8	14.10	117.4	16.28	130.8	18.56
	29	66.4	9.17	79.5	10.95	92.1	12.88	98.6	13.94	104.8	15.00	117.4	17.26	130.8	19.70
	31	66.4	9.65	79.5	11.59	92.1	13.69	98.6	14.75	104.8	15.97	117.4	18.40	130.8	20.99
	33	66.4	10.21	79.5	12.24	92.1	14.52	98.6	15.64	104.8	16.95	117.4	19.54	130.8	22.38
	35	66.4	10.79	79.5	12.96	92.1	15.33	98.6	16.61	104.8	17.92	117.4	20.66	130.8	23.75
	37	66.4	11.43	79.5	13.69	92.1	16.22	98.6	17.59	104.8	18.96	117.4	22.05	130.8	25.20
	39	66.4	12.18	79.5	14.69	92.1	17.37	98.6	18.93	104.8	20.35	117.4	23.47	130.8	27.23
	41	64.7	13.18	77.3	15.89	89.7	18.99	96.0	20.51	102.2	22.05	114.5	25.73	127.4	29.57
	43	63.1	14.33	75.6	17.29	87.6	20.66	93.6	22.33	99.7	24.00	111.5	28.07	124.3	32.25
	46	59.1	16.05	70.8	19.40	82.1	23.19	87.7	25.08	93.3	26.95	104.5	31.58	116.5	36.32
	48	52.4	13.99	62.7	16.92	72.6	20.21	77.6	21.88	82.6	23.53	92.5	27.60	103.1	31.75

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

◆ ARUV698BTE5 / ARUV698DTE5

Cooling Capacity (58RT)

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	201.9	22.87	240.5	27.96	257.8	32.45	265.1	33.10	272.6	33.37	285.7	33.63	293.0	33.77
	12	201.9	23.46	240.5	28.96	257.8	33.77	265.1	33.99	272.6	34.27	285.7	34.53	293.0	34.84
	14	201.9	24.24	240.5	30.01	257.8	35.04	265.1	35.29	272.6	35.59	285.7	35.87	293.0	36.18
	16	201.9	25.12	240.5	31.07	257.8	36.61	265.1	36.95	272.6	37.25	285.7	37.59	293.0	37.87
	18	201.9	26.18	240.5	32.85	257.8	38.29	265.1	39.13	272.6	39.44	285.7	39.83	293.0	40.09
	20	201.9	27.33	240.5	35.00	257.8	40.18	265.1	43.04	272.6	43.38	281.6	43.80	288.9	44.11
	21	201.9	28.04	240.5	36.24	257.8	41.02	265.1	45.54	272.6	45.90	279.9	46.36	287.4	46.69
	23	201.9	30.09	240.5	38.12	257.8	43.16	265.1	50.26	269.1	50.65	275.8	51.16	283.1	51.50
	25	201.9	32.14	240.5	40.31	257.8	46.13	261.9	55.74	265.1	56.18	272.6	56.72	279.9	57.12
	27	201.9	34.39	240.5	43.09	254.6	49.14	257.8	61.36	261.9	61.84	269.1	62.45	275.8	62.88
	29	201.9	36.64	240.5	46.07	250.3	52.87	254.1	67.43	257.8	67.82	265.1	68.44	272.6	68.71
	31	201.9	39.10	239.8	48.52	246.2	56.24	250.3	67.14	254.1	67.54	261.0	68.15	268.3	68.41
	33	201.9	41.66	235.5	51.41	243.0	60.32	246.9	66.53	250.3	66.92	257.8	67.53	264.2	67.79
	35	201.9	44.42	231.5	53.85	238.7	65.34	243.0	65.66	246.9	66.05	253.5	66.64	261.0	66.92
	37	201.9	47.37	228.2	56.50	235.5	64.47	238.7	64.79	243.0	65.18	249.7	65.77	257.0	66.02
	39	201.9	50.43	224.2	59.48	231.5	63.61	235.5	63.94	238.7	64.31	246.2	64.89	253.5	65.15
	41	196.7	53.52	214.9	62.45	222.1	62.74	225.4	63.07	229.7	63.44	236.7	64.00	243.1	64.25
	43	192.0	56.44	205.9	61.58	212.9	61.89	216.3	62.20	220.7	62.57	227.4	63.13	233.5	63.38
	46	179.8	60.40	187.9	60.29	194.6	60.60	197.8	60.88	201.8	61.25	208.2	61.81	213.8	62.06
	48	159.2	58.72	163.0	58.91	169.1	59.03	172.0	59.19	175.5	59.70	181.3	60.07	186.2	60.32
120	10	182.7	20.59	217.3	25.23	237.5	30.00	244.8	32.42	252.0	32.93	265.7	33.06	272.1	33.32
	12	182.7	21.15	217.3	26.10	237.5	31.21	244.8	33.10	252.0	34.14	265.7	34.56	272.1	34.84
	14	182.7	21.86	217.3	26.97	237.5	32.45	244.8	34.36	252.0	35.40	265.7	35.93	272.1	36.21
	16	182.7	22.65	217.3	28.09	237.5	33.71	244.8	35.65	252.0	37.03	265.7	37.48	272.1	37.79
	18	182.7	23.54	217.3	29.35	237.5	35.06	244.8	37.51	252.0	38.94	265.7	39.38	272.1	39.69
	20	182.7	24.44	217.3	31.12	237.5	36.94	244.8	39.47	252.0	40.99	265.7	41.53	272.1	41.86
	21	182.7	25.17	217.3	32.25	237.5	37.98	244.8	40.65	252.0	42.34	265.7	42.87	272.1	43.23
	23	182.7	26.92	217.3	34.50	237.5	40.71	244.8	43.18	252.0	45.15	265.7	45.60	272.1	45.96
	25	182.7	28.77	217.3	36.95	237.5	42.93	244.8	46.04	252.0	48.41	262.5	48.82	268.9	49.22
	27	182.7	30.71	217.3	39.50	237.5	45.68	244.8	49.19	252.0	52.03	258.4	52.37	264.8	52.79
	29	182.7	32.76	217.3	42.17	237.5	48.07	244.8	52.64	248.0	55.45	254.4	56.27	261.6	56.72
	31	182.7	34.90	217.3	45.03	237.5	50.57	241.6	56.39	244.8	59.48	251.2	60.54	257.5	61.02
	33	182.7	37.16	217.3	48.01	234.3	53.49	237.5	61.21	240.7	63.86	247.1	64.59	253.5	65.10
	35	182.7	39.50	217.3	51.18	230.3	56.61	233.5	67.43	237.5	67.76	243.9	67.96	250.3	68.50
	37	182.7	42.50	217.3	54.00	226.9	60.35	230.3	66.02	233.5	66.33	239.9	66.53	246.3	67.06
	39	182.7	45.74	216.6	57.08	223.0	64.02	226.2	64.65	229.4	64.98	236.7	65.17	243.1	65.68
	41	178.1	49.00	207.1	60.15	214.1	62.76	217.0	63.30	220.2	63.61	226.6	63.80	233.2	64.31
	43	173.7	52.31	198.4	59.28	205.3	61.35	208.2	61.94	211.4	62.25	217.5	62.43	223.9	62.93
	46	162.7	56.24	181.0	57.87	187.4	59.42	190.3	59.90	193.2	60.20	199.0	60.38	204.8	60.85
	48	143.9	55.09	157.2	56.84	163.0	58.26	165.3	58.61	167.9	58.80	173.1	59.03	178.4	59.28
110	10	163.6	18.51	195.2	22.56	218.1	26.80	224.2	29.02	238.4	31.24	243.9	32.09	260.5	32.62
	12	163.6	19.10	195.2	23.32	218.1	27.92	224.2	29.84	238.4	32.39	243.9	33.43	260.5	34.22
	14	163.6	19.69	195.2	24.38	218.1	29.19	224.2	31.32	238.4	34.02	243.9	35.00	260.5	35.74
	16	163.6	20.39	195.2	25.26	218.1	30.40	224.2	32.68	238.4	35.60	243.9	36.58	260.5	37.22
	18	163.6	21.15	195.2	26.32	218.1	32.14	224.2	34.41	238.4	37.56	243.9	38.29	260.5	39.02
	20	163.6	21.91	195.2	27.64	218.1	34.08	224.2	35.99	238.4	39.38	243.9	40.34	260.5	40.99
	21	163.6	22.39	195.2	28.46	218.1	34.95	224.2	36.97	238.4	40.48	243.9	41.49	260.5	42.14
	23	163.6	23.85	195.2	30.51	218.1	36.91	224.2	39.02	238.4	42.76	243.9	43.68	260.5	44.39
	25	163.6	25.48	195.2	32.56	218.1	38.99	224.2	41.24	238.4	45.17	243.9	45.82	257.3	46.75
	27	163.6	27.22	195.2	34.81	218.1	41.21	224.2	43.66	238.4	47.17	243.9	48.26	253.5	49.08
	29	163.6	29.07	195.2	37.16	218.1	43.55	224.2	46.24	238.4	49.86	243.9	50.71	250.3	51.49
	31	163.6	30.91	195.2	39.61	218.1	46.02	224.2	48.99	234.6	52.39	240.8	53.41	246.3	53.97
	33	163.6	32.96	195.2	42.17	218.1	48.61	224.2	51.92	231.4	55.32	236.9	56.24	243.1	56.55
	35	163.6	35.00	195.2	45.03	218.1	51.35	224.2	55.01	227.4	58.38	232.9	58.94	239.3	59.22
	37	163.6	37.11	195.2	47.79	218.1	54.20	221.1	58.27	223.6	61.58	229.7	61.80	235.2	61.97
	39	163.6	40.00	195.2	50.79	214.1	57.20	217.2	62.34	220.4	64.64	225.9	64.75	232.3	64.81
	41	159.5	42.90	190.2	53.80	204.8	60.32	208.0	67.43	210.8	67.43	217.0	67.96	222.4	68.50
	43	155.5	45.04	185.4	56.04	196.4	63.97	199.6	64.67	202.2	64.53	208.2	64.90	213.5	65.09
	46	145.9	43.97	173.8	54.11	179.2	60.71	182.2	60.69	184.7	61.22	190.3	61.55	195.2	61.72
	48	129.0	42.70	151.1	52.11	155.7	57.76	158.4	58.13	160.4	58.41	165.6	58.58	169.9	58.82

7. Capacity Tables

Cooling Capacity (58RT)

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	137.7	16.66	163.9	20.26	190.8	24.05	203.9	25.98	217.0	27.92	240.7	31.07	245.9	31.32
	12	137.7	17.20	163.9	21.10	190.8	24.86	203.9	26.69	217.0	28.80	240.7	32.73	245.9	33.07
	14	137.7	17.75	163.9	21.94	190.8	25.90	203.9	27.84	217.0	30.04	240.7	34.58	245.9	34.89
	16	137.7	18.29	163.9	22.67	190.8	27.00	203.9	29.16	217.0	31.66	240.7	36.24	245.9	36.75
	18	137.7	18.82	163.9	23.51	190.8	28.06	203.9	30.57	217.0	33.57	240.7	38.29	245.9	38.60
	20	137.7	19.50	163.9	24.39	190.8	29.69	203.9	32.76	217.0	35.93	240.7	40.12	245.9	40.45
	21	137.7	19.89	163.9	24.97	190.8	30.71	203.9	33.88	217.0	37.25	240.7	41.04	245.9	41.38
	23	137.7	21.09	163.9	26.72	190.8	32.96	203.9	36.33	217.0	39.92	240.7	42.98	245.9	43.32
	25	137.7	22.42	163.9	28.46	190.8	35.20	203.9	38.89	217.0	42.68	240.7	44.81	243.9	45.17
	27	137.7	23.96	163.9	30.40	190.8	37.67	203.9	41.55	217.0	45.37	235.8	46.92	241.0	47.29
	29	137.7	25.48	163.9	32.45	190.8	40.23	203.9	44.42	217.0	48.04	231.5	48.80	237.3	49.19
	31	137.7	27.22	163.9	34.59	190.8	42.90	203.9	47.39	217.0	50.46	228.0	50.71	233.5	51.10
	33	137.7	28.86	163.9	36.86	190.8	45.76	203.9	50.57	217.0	52.37	224.5	52.59	230.0	53.01
	35	137.7	30.71	163.9	39.19	190.8	48.72	203.9	53.94	213.7	54.27	220.4	54.47	225.9	54.92
	37	137.7	32.89	163.9	42.05	190.8	51.61	203.9	56.50	210.2	56.78	216.3	57.01	221.3	57.54
	39	137.7	35.26	163.9	45.17	190.8	54.70	203.9	59.28	206.8	59.53	212.9	59.76	217.8	60.32
	41	135.5	37.62	161.3	48.29	187.7	57.76	195.7	62.03	199.9	62.28	204.7	62.51	211.2	63.07
	43	130.8	39.83	155.7	51.19	181.3	60.54	187.6	64.39	189.7	64.64	195.5	64.84	200.7	65.46
	46	122.7	42.84	145.9	55.18	170.0	64.20	171.4	67.43	173.1	67.62	178.7	67.82	183.6	68.46
	48	108.5	36.98	129.1	47.76	146.7	54.89	148.8	57.20	150.5	57.40	155.4	57.53	159.5	57.99
90	10	123.8	14.50	147.9	17.42	172.0	20.54	183.6	22.14	195.2	23.83	219.2	26.66	243.3	29.67
	12	123.8	14.67	147.9	17.70	172.0	20.90	183.6	22.59	195.2	24.36	219.2	27.20	243.3	30.18
	14	123.8	14.94	147.9	18.04	172.0	21.33	183.6	23.04	195.2	24.81	219.2	27.73	243.3	30.79
	16	123.8	15.20	147.9	18.40	172.0	21.78	183.6	23.46	195.2	25.26	219.2	28.26	243.3	31.33
	18	123.8	15.48	147.9	18.77	172.0	22.14	183.6	24.00	195.2	25.79	219.2	28.86	243.3	32.90
	20	123.8	15.73	147.9	19.11	172.0	22.59	183.6	24.45	195.2	26.75	219.2	30.90	243.3	34.47
	21	123.8	15.91	147.9	19.30	172.0	23.04	183.6	25.26	195.2	27.73	219.2	31.39	243.3	35.26
	23	123.8	16.27	147.9	20.09	172.0	24.62	183.6	27.11	195.2	29.70	219.2	33.29	239.9	36.92
	25	123.8	17.08	147.9	21.43	172.0	26.32	183.6	28.99	195.2	31.75	219.2	35.60	236.4	38.49
	27	123.8	18.23	147.9	22.84	172.0	28.10	183.6	30.94	195.2	33.97	219.2	37.85	232.9	40.29
	29	123.8	19.30	147.9	24.36	172.0	30.04	183.6	33.07	195.2	36.27	219.2	40.09	229.4	41.92
	31	123.8	20.54	147.9	25.96	172.0	32.00	183.6	35.21	195.2	38.66	219.2	42.09	226.0	43.55
	33	123.8	21.86	147.9	27.65	172.0	34.14	183.6	37.51	195.2	41.02	219.2	44.14	222.5	45.18
	35	123.8	23.21	147.9	29.33	172.0	36.27	183.6	40.01	195.2	43.49	215.5	46.67	219.0	47.73
	37	123.8	24.62	147.9	31.21	172.0	38.69	183.6	42.51	195.2	45.91	212.0	48.78	215.5	49.87
	39	123.8	26.07	147.9	33.18	172.0	40.94	183.6	45.23	195.2	48.27	208.5	51.42	212.1	52.04
	41	120.6	29.17	144.1	36.80	167.4	44.93	178.9	49.45	190.2	52.12	199.8	54.20	203.3	55.44
	43	117.7	31.50	140.4	39.76	163.3	49.08	174.3	53.27	185.4	55.89	191.5	58.02	194.9	58.75
	46	110.2	35.45	131.7	45.29	153.1	55.91	163.3	60.38	168.5	62.09	174.9	63.70	178.1	63.80
	48	97.5	30.99	116.6	39.61	135.4	48.92	144.5	52.68	146.4	53.50	152.0	54.84	154.9	54.90
80	10	109.9	12.08	131.1	14.52	152.2	17.03	163.0	18.37	174.0	19.72	195.2	22.50	216.3	24.41
	12	109.9	12.33	131.1	14.69	152.2	17.36	163.0	18.71	174.0	20.06	195.2	22.90	216.3	24.89
	14	109.9	12.50	131.1	15.03	152.2	17.62	163.0	19.05	174.0	20.39	195.2	23.32	216.3	25.39
	16	109.9	12.67	131.1	15.28	152.2	17.95	163.0	19.38	174.0	20.81	195.2	23.82	216.3	25.87
	18	109.9	12.92	131.1	15.53	152.2	18.29	163.0	19.72	174.0	21.23	195.2	24.25	216.3	26.43
	20	109.9	13.17	131.1	15.87	152.2	18.71	163.0	20.14	174.0	21.66	195.2	25.17	216.3	28.01
	21	109.9	13.26	131.1	16.04	152.2	18.88	163.0	20.39	174.0	22.16	195.2	25.96	216.3	28.74
	23	109.9	13.51	131.1	16.27	152.2	19.72	163.0	21.66	174.0	23.66	195.2	27.42	216.3	30.17
	25	109.9	14.02	131.1	17.36	152.2	21.15	163.0	23.15	174.0	25.34	195.2	29.35	216.3	32.25
	27	109.9	14.86	131.1	18.46	152.2	22.58	163.0	24.75	174.0	27.02	195.2	31.18	216.3	33.94
	29	109.9	15.78	131.1	19.72	152.2	23.99	163.0	26.35	174.0	28.87	195.2	33.40	216.3	36.32
	31	109.9	16.77	131.1	20.90	152.2	25.59	163.0	28.12	174.0	30.71	195.2	35.45	216.3	38.15
	33	109.9	17.78	131.1	22.33	152.2	27.28	163.0	29.95	174.0	32.73	195.2	37.36	216.3	40.00
	35	109.9	18.88	131.1	23.66	152.2	29.04	163.0	31.88	174.0	34.91	195.2	39.61	214.0	41.44
	37	109.9	19.97	131.1	25.17	152.2	30.79	163.0	33.90	174.0	37.08	195.2	41.80	210.6	43.32
	39	109.9	21.10	131.1	26.60	152.2	32.95	163.0	36.44	174.0	39.86	195.2	44.16	207.1	45.71
	41	107.1	23.35	127.7	29.47	148.2	36.15	158.9	39.95	169.6	43.79	190.2	49.14	198.4	50.65
	43	104.4	25.70	124.5	32.16	144.7	39.47	154.9	43.54	165.3	47.87	185.4	52.59	190.2	54.22
	46	98.0	28.60	116.6	36.24	135.5	44.47	145.3	48.46	154.9	54.00	169.7	57.42	173.7	58.32
	48	86.7	24.97	103.3	31.68	119.8	38.88	128.5	42.33	137.2	47.28	147.3	49.69	150.8	50.20

7. Capacity Tables

Cooling Capacity (58RT)

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	96.0	10.56	115.1	12.55	133.2	14.55	142.7	15.72	152.2	16.80	170.5	19.13	189.4	21.40
	12	96.0	10.73	115.1	12.72	133.2	14.89	142.7	15.96	152.2	17.13	170.5	19.46	189.4	21.79
	14	96.0	10.90	115.1	12.89	133.2	15.14	142.7	16.21	152.2	17.38	170.5	19.88	189.4	22.19
	16	96.0	11.06	115.1	13.14	133.2	15.39	142.7	16.54	152.2	17.72	170.5	20.20	189.4	22.67
	18	96.0	11.23	115.1	13.39	133.2	15.72	142.7	16.88	152.2	18.04	170.5	20.53	189.4	23.06
	20	96.0	11.40	115.1	13.65	133.2	15.96	142.7	17.22	152.2	18.45	170.5	21.04	189.4	23.95
	21	96.0	11.57	115.1	13.73	133.2	16.12	142.7	17.38	152.2	18.62	170.5	21.37	189.4	24.46
	23	96.0	11.72	115.1	14.05	133.2	16.46	142.7	17.95	152.2	19.55	170.5	22.86	189.4	25.81
	25	96.0	11.88	115.1	14.55	133.2	17.55	142.7	19.21	152.2	20.87	170.5	24.44	189.4	27.08
	27	96.0	12.55	115.1	15.56	133.2	18.71	142.7	20.37	152.2	22.28	170.5	26.12	189.4	28.76
	29	96.0	13.39	115.1	16.46	133.2	19.88	142.7	21.71	152.2	23.70	170.5	27.86	189.4	30.83
	31	96.0	14.21	115.1	17.55	133.2	21.20	142.7	23.20	152.2	25.28	170.5	29.69	189.4	32.72
	33	96.0	15.05	115.1	18.54	133.2	22.53	142.7	24.61	152.2	26.85	170.5	31.60	189.4	34.83
	35	96.0	15.87	115.1	19.80	133.2	23.95	142.7	26.20	152.2	28.60	170.5	33.68	189.4	36.93
	37	96.0	16.88	115.1	20.96	133.2	25.45	142.7	27.86	152.2	30.44	170.5	35.84	189.4	38.96
	39	96.0	17.92	115.1	22.36	133.2	27.21	142.7	29.97	152.2	32.88	170.5	38.36	189.4	42.01
	41	93.7	19.83	112.2	24.49	129.9	29.85	139.2	32.86	148.2	35.75	165.9	42.13	184.5	45.33
	43	91.4	21.57	109.3	26.68	126.7	32.56	135.7	35.84	144.7	39.04	161.9	46.03	179.9	49.01
	46	85.6	23.98	102.4	30.00	118.6	36.68	127.1	39.93	135.5	43.99	151.7	51.90	168.5	54.62
	48	75.7	20.92	90.7	26.21	105.0	32.05	112.5	34.89	119.8	38.48	134.3	45.42	149.1	47.27
60	10	82.3	9.07	98.3	10.64	114.3	12.36	122.4	13.26	130.3	14.09	146.4	15.98	162.4	17.89
	12	82.3	9.24	98.3	10.79	114.3	12.52	122.4	13.42	130.3	14.35	146.4	16.23	162.4	18.20
	14	82.3	9.32	98.3	10.95	114.3	12.78	122.4	13.68	130.3	14.58	146.4	16.57	162.4	18.53
	16	82.3	9.47	98.3	11.20	114.3	12.94	122.4	13.93	130.3	14.91	146.4	16.90	162.4	18.87
	18	82.3	9.63	98.3	11.37	114.3	13.17	122.4	14.18	130.3	15.16	146.4	17.13	162.4	19.29
	20	82.3	9.80	98.3	11.54	114.3	13.42	122.4	14.41	130.3	15.41	146.4	17.47	162.4	19.69
	21	82.3	9.89	98.3	11.62	114.3	13.59	122.4	14.58	130.3	15.58	146.4	17.72	162.4	19.85
	23	82.3	10.05	98.3	11.87	114.3	13.76	122.4	14.83	130.3	15.90	146.4	18.37	162.4	21.09
	25	82.3	10.22	98.3	12.11	114.3	14.35	122.4	15.58	130.3	16.90	146.4	19.60	162.4	22.58
	27	82.3	10.55	98.3	12.78	114.3	15.25	122.4	16.57	130.3	17.97	146.4	20.84	162.4	24.06
	29	82.3	11.20	98.3	13.59	114.3	16.23	122.4	17.63	130.3	19.12	146.4	22.24	162.4	25.70
	31	82.3	11.87	98.3	14.41	114.3	17.22	122.4	18.79	130.3	20.36	146.4	23.73	162.4	27.35
	33	82.3	12.52	98.3	15.25	114.3	18.28	122.4	19.94	130.3	21.68	146.4	25.22	162.4	29.17
	35	82.3	13.26	98.3	16.23	114.3	19.44	122.4	21.17	130.3	23.00	146.4	26.87	162.4	30.98
	37	82.3	14.01	98.3	17.13	114.3	20.61	122.4	22.49	130.3	24.40	146.4	28.50	162.4	32.96
	39	82.3	14.89	98.3	18.25	114.3	22.24	122.4	24.12	130.3	26.25	146.4	30.58	162.4	35.32
	41	80.1	16.15	95.7	19.96	111.4	24.15	119.2	26.37	127.0	28.50	142.7	33.55	158.3	38.38
	43	78.3	17.55	93.4	21.73	108.7	26.31	116.3	28.73	123.9	31.06	139.2	36.62	154.3	41.92
	46	73.4	19.66	87.6	24.40	101.8	29.60	109.0	32.29	116.0	34.96	130.3	41.25	144.7	47.76
	48	64.9	17.13	77.4	21.29	90.2	25.86	96.3	28.20	102.7	30.55	115.4	36.08	127.9	41.79
50	10	68.8	7.75	82.3	8.98	95.4	10.20	102.1	10.95	108.5	11.59	121.6	13.06	135.4	14.54
	12	68.8	7.83	82.3	9.07	95.4	10.36	102.1	11.09	108.5	11.84	121.6	13.31	135.4	14.77
	14	68.8	7.92	82.3	9.23	95.4	10.53	102.1	11.26	108.5	11.99	121.6	13.47	135.4	15.02
	16	68.8	8.08	82.3	9.38	95.4	10.70	102.1	11.51	108.5	12.16	121.6	13.72	135.4	15.27
	18	68.8	8.17	82.3	9.46	95.4	10.86	102.1	11.68	108.5	12.41	121.6	13.96	135.4	15.58
	20	68.8	8.25	82.3	9.63	95.4	11.09	102.1	11.84	108.5	12.66	121.6	14.21	135.4	15.92
	21	68.8	8.34	82.3	9.71	95.4	11.18	102.1	11.99	108.5	12.74	121.6	14.37	135.4	16.09
	23	68.8	8.48	82.3	9.88	95.4	11.34	102.1	12.16	108.5	12.97	121.6	14.62	135.4	16.40
	25	68.8	8.57	82.3	10.05	95.4	11.59	102.1	12.41	108.5	13.39	121.6	15.35	135.4	17.55
	27	68.8	8.73	82.3	10.36	95.4	12.24	102.1	13.22	108.5	14.21	121.6	16.40	135.4	18.70
	29	68.8	9.23	82.3	11.03	95.4	12.97	102.1	14.04	108.5	15.10	121.6	17.38	135.4	19.85
	31	68.8	9.71	82.3	11.68	95.4	13.79	102.1	14.85	108.5	16.09	121.6	18.53	135.4	21.14
	33	68.8	10.28	82.3	12.33	95.4	14.62	102.1	15.75	108.5	17.07	121.6	19.68	135.4	22.54
	35	68.8	10.86	82.3	13.06	95.4	15.44	102.1	16.73	108.5	18.05	121.6	20.81	135.4	23.92
	37	68.8	11.51	82.3	13.79	95.4	16.34	102.1	17.72	108.5	19.09	121.6	22.21	135.4	25.38
	39	68.8	12.27	82.3	14.79	95.4	17.49	102.1	19.06	108.5	20.50	121.6	23.64	135.4	27.43
	41	67.0	13.28	80.1	16.00	92.9	19.12	99.4	20.66	105.8	22.21	118.6	25.92	132.0	29.79
	43	65.3	14.43	78.3	17.41	90.7	20.81	96.9	22.49	103.2	24.17	115.5	28.27	128.8	32.48
	46	61.2	16.17	73.4	19.54	85.0	23.36	90.8	25.26	96.6	27.15	108.2	31.81	120.6	36.58
	48	54.2	14.09	64.9	17.04	75.1	20.36	80.3	22.04	85.5	23.69	95.7	27.80	106.7	31.98

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

◆ ARUV723BTE5 / ARUV723DTE5

Cooling Capacity (60RT)

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	208.8	24.42	248.7	29.85	266.7	34.65	274.2	35.34	282.0	35.64	295.5	35.91	303.0	36.06
	12	208.8	25.05	248.7	30.93	266.7	36.06	274.2	36.30	282.0	36.60	295.5	36.87	303.0	37.20
	14	208.8	25.89	248.7	32.04	266.7	37.41	274.2	37.68	282.0	38.01	295.5	38.31	303.0	38.64
	16	208.8	26.82	248.7	33.18	266.7	39.09	274.2	39.45	282.0	39.78	295.5	40.14	303.0	40.44
	18	208.8	27.96	248.7	35.07	266.7	40.89	274.2	41.79	282.0	42.12	295.5	42.54	303.0	42.81
	20	208.8	29.19	248.7	37.38	266.7	42.90	274.2	45.96	282.0	46.32	291.3	46.77	298.8	47.10
	21	208.8	29.94	248.7	38.70	266.7	43.80	274.2	48.63	282.0	49.02	289.5	49.50	297.3	49.86
	23	208.8	32.13	248.7	40.71	266.7	46.08	274.2	53.67	278.4	54.09	285.3	54.63	292.8	54.99
	25	208.8	34.32	248.7	43.05	266.7	49.26	270.9	59.52	274.2	60.00	282.0	60.57	289.5	60.99
	27	208.8	36.72	248.7	46.02	263.4	52.47	266.7	65.52	270.9	66.03	278.4	66.69	285.3	67.14
	29	208.8	39.12	248.7	49.20	258.9	56.46	262.8	72.00	266.7	72.42	274.2	73.08	282.0	73.38
	31	208.8	41.76	248.1	51.81	254.7	60.06	258.9	71.70	262.8	72.12	270.0	72.78	277.5	73.05
	33	208.8	44.49	243.6	54.90	251.4	64.41	255.3	71.04	258.9	71.46	266.7	72.12	273.3	72.39
	35	208.8	47.43	239.4	57.51	246.9	69.78	251.4	70.11	255.3	70.53	262.2	71.16	270.0	71.46
	37	208.8	50.58	236.1	60.33	243.6	68.85	246.9	69.18	251.4	69.60	258.3	70.23	265.8	70.50
	39	208.8	53.85	231.9	63.51	239.4	67.92	243.6	68.28	246.9	68.67	254.7	69.30	262.2	69.57
	41	203.4	57.15	222.3	66.69	229.8	66.99	233.1	67.35	237.6	67.74	244.8	68.34	251.4	68.61
	43	198.6	60.27	213.0	65.76	220.2	66.09	223.8	66.42	228.3	66.81	235.2	67.41	241.5	67.68
	46	186.0	64.50	194.4	64.38	201.3	64.71	204.6	65.01	208.8	65.40	215.4	66.00	221.1	66.27
	48	164.7	62.70	168.6	62.91	174.9	63.03	177.9	63.21	181.5	63.75	187.5	64.14	192.6	64.41
120	10	189.0	21.99	224.7	26.94	245.7	32.04	253.2	34.62	260.7	35.16	274.8	35.31	281.4	35.58
	12	189.0	22.59	224.7	27.87	245.7	33.33	253.2	35.34	260.7	36.45	274.8	36.90	281.4	37.20
	14	189.0	23.34	224.7	28.80	245.7	34.65	253.2	36.69	260.7	37.80	274.8	38.37	281.4	38.67
	16	189.0	24.18	224.7	30.00	245.7	36.00	253.2	38.07	260.7	39.54	274.8	40.02	281.4	40.35
	18	189.0	25.14	224.7	31.35	245.7	37.44	253.2	40.05	260.7	41.58	274.8	42.06	281.4	42.39
	20	189.0	26.10	224.7	33.24	245.7	39.45	253.2	42.15	260.7	43.77	274.8	44.34	281.4	44.70
	21	189.0	26.88	224.7	34.44	245.7	40.56	253.2	43.41	260.7	45.21	274.8	45.78	281.4	46.17
	23	189.0	28.74	224.7	36.84	245.7	43.47	253.2	46.11	260.7	48.21	274.8	48.69	281.4	49.08
	25	189.0	30.72	224.7	39.45	245.7	45.84	253.2	49.17	260.7	51.69	271.5	52.14	278.1	52.56
	27	189.0	32.79	224.7	42.18	245.7	48.78	253.2	52.53	260.7	55.56	267.3	55.92	273.9	56.37
	29	189.0	34.98	224.7	45.03	245.7	51.33	253.2	56.22	256.5	59.22	263.1	60.09	270.6	60.57
	31	189.0	37.26	224.7	48.09	245.7	54.00	249.9	60.21	253.2	63.51	259.8	64.65	266.4	65.16
	33	189.0	39.69	224.7	51.27	242.4	57.12	245.7	65.37	249.0	68.19	255.6	68.97	262.2	69.51
	35	189.0	42.18	224.7	54.66	238.2	60.45	241.5	72.00	245.7	72.36	252.3	72.57	258.9	73.14
	37	189.0	45.39	224.7	57.66	234.6	64.44	238.2	70.50	241.5	70.83	248.1	71.04	254.7	71.61
	39	189.0	48.84	224.1	60.96	230.7	68.37	234.0	69.03	237.3	69.39	244.8	69.60	251.4	70.14
	41	184.2	52.32	214.2	64.23	221.4	67.02	224.4	67.59	227.7	67.92	234.3	68.13	241.2	68.67
	43	179.7	55.86	205.2	63.30	212.4	65.52	215.4	66.15	218.7	66.48	225.0	66.66	231.6	67.20
	46	168.3	60.06	187.2	61.80	193.8	63.45	196.8	63.96	199.8	64.29	205.8	64.47	211.8	64.98
	48	148.8	58.83	162.6	60.69	168.6	62.22	171.0	62.58	173.7	62.79	179.1	63.03	184.5	63.30
110	10	169.2	19.77	201.9	24.09	225.6	28.62	231.9	30.99	246.6	33.36	252.3	34.26	269.4	34.83
	12	169.2	20.40	201.9	24.90	225.6	29.82	231.9	31.86	246.6	34.59	252.3	35.70	269.4	36.54
	14	169.2	21.03	201.9	26.04	225.6	31.17	231.9	33.45	246.6	36.33	252.3	37.38	269.4	38.16
	16	169.2	21.78	201.9	26.97	225.6	32.46	231.9	34.89	246.6	38.01	252.3	39.06	269.4	39.75
	18	169.2	22.59	201.9	28.11	225.6	34.32	231.9	36.75	246.6	40.11	252.3	40.89	269.4	41.67
	20	169.2	23.40	201.9	29.52	225.6	36.39	231.9	38.43	246.6	42.06	252.3	43.08	269.4	43.77
	21	169.2	23.91	201.9	30.39	225.6	37.32	231.9	39.48	246.6	43.23	252.3	44.31	269.4	45.00
	23	169.2	25.47	201.9	32.58	225.6	39.42	231.9	41.67	246.6	45.66	252.3	46.65	269.4	47.40
	25	169.2	27.21	201.9	34.77	225.6	41.64	231.9	44.04	246.6	48.24	252.3	48.93	266.1	49.92
	27	169.2	29.07	201.9	37.17	225.6	44.01	231.9	46.62	246.6	50.37	252.3	51.54	262.2	52.41
	29	169.2	31.05	201.9	39.69	225.6	46.50	231.9	49.38	246.6	53.25	252.3	54.15	258.9	54.99
	31	169.2	33.00	201.9	42.30	225.6	49.14	231.9	52.32	242.7	55.95	249.0	57.03	254.7	57.63
	33	169.2	35.19	201.9	45.03	225.6	51.90	231.9	55.44	239.4	59.07	245.1	60.06	251.4	60.39
	35	169.2	37.38	201.9	48.09	225.6	54.84	231.9	58.74	235.2	62.34	240.9	62.94	247.5	63.24
	37	169.2	39.63	201.9	51.03	225.6	57.87	228.6	62.22	231.3	65.76	237.6	66.00	243.3	66.18
	39	169.2	42.72	201.9	54.24	221.4	61.08	224.7	66.57	228.0	69.03	233.7	69.15	240.3	69.21
	41	165.0	45.81	196.8	57.45	211.8	64.41	215.1	72.00	218.1	72.00	224.4	72.57	230.1	73.14
	43	160.8	48.09	191.7	59.85	203.1	68.31	206.4	69.06	209.1	68.91	215.4	69.30	220.8	69.51
	46	150.9	46.95	179.7	57.78	185.4	64.83	188.4	64.80	191.1	65.37	196.8	65.73	201.9	65.91
	48	133.5	45.60	156.3	55.65	161.1	61.68	163.8	62.07	165.9	62.37	171.3	62.55	175.8	62.82

7. Capacity Tables

Cooling Capacity (60RT)

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	142.5	17.79	169.5	21.63	197.4	25.68	210.9	27.75	224.4	29.82	249.0	33.18	254.4	33.45
	12	142.5	18.36	169.5	22.53	197.4	26.55	210.9	28.50	224.4	30.75	249.0	34.95	254.4	35.31
	14	142.5	18.96	169.5	23.43	197.4	27.66	210.9	29.73	224.4	32.07	249.0	36.93	254.4	37.26
	16	142.5	19.53	169.5	24.21	197.4	28.83	210.9	31.14	224.4	33.81	249.0	38.70	254.4	39.24
	18	142.5	20.10	169.5	25.11	197.4	29.97	210.9	32.64	224.4	35.85	249.0	40.89	254.4	41.22
	20	142.5	20.82	169.5	26.04	197.4	31.71	210.9	34.98	224.4	38.37	249.0	42.84	254.4	43.20
	21	142.5	21.24	169.5	26.67	197.4	32.79	210.9	36.18	224.4	39.78	249.0	43.83	254.4	44.19
	23	142.5	22.53	169.5	28.53	197.4	35.19	210.9	38.79	224.4	42.63	249.0	45.90	254.4	46.26
	25	142.5	23.94	169.5	30.39	197.4	37.59	210.9	41.52	224.4	45.57	249.0	47.85	252.3	48.24
	27	142.5	25.59	169.5	32.46	197.4	40.23	210.9	44.37	224.4	48.45	243.9	50.10	249.3	50.49
	29	142.5	27.21	169.5	34.65	197.4	42.96	210.9	47.43	224.4	51.30	239.4	52.11	245.4	52.53
	31	142.5	29.07	169.5	36.93	197.4	45.81	210.9	50.61	224.4	53.88	235.8	54.15	241.5	54.57
	33	142.5	30.81	169.5	39.36	197.4	48.87	210.9	54.00	224.4	55.92	232.2	56.16	237.9	56.61
	35	142.5	32.79	169.5	41.85	197.4	52.02	210.9	57.60	221.1	57.96	228.0	58.17	233.7	58.65
	37	142.5	35.13	169.5	44.91	197.4	55.11	210.9	60.33	217.5	60.63	223.8	60.87	228.9	61.44
	39	142.5	37.65	169.5	48.24	197.4	58.41	210.9	63.30	213.9	63.57	220.2	63.81	225.3	64.41
	41	140.1	40.17	166.8	51.57	194.1	61.68	202.5	66.24	206.7	66.51	211.8	66.75	218.4	67.35
	43	135.3	42.54	161.1	54.66	187.5	64.65	194.1	68.76	196.2	69.03	202.2	69.24	207.6	69.90
	46	126.9	45.75	150.9	58.92	175.8	68.55	177.3	72.00	179.1	72.21	184.8	72.42	189.9	73.11
	48	112.2	39.48	133.5	51.00	151.8	58.62	153.9	61.08	155.7	61.29	160.8	61.44	165.0	61.92
90	10	128.1	15.48	153.0	18.60	177.9	21.93	189.9	23.64	201.9	25.44	226.8	28.47	251.7	31.68
	12	128.1	15.66	153.0	18.90	177.9	22.32	189.9	24.12	201.9	26.01	226.8	29.04	251.7	32.22
	14	128.1	15.96	153.0	19.26	177.9	22.77	189.9	24.60	201.9	26.49	226.8	29.61	251.7	32.88
	16	128.1	16.23	153.0	19.65	177.9	23.25	189.9	25.05	201.9	26.97	226.8	30.18	251.7	33.45
	18	128.1	16.53	153.0	20.04	177.9	23.64	189.9	25.62	201.9	27.54	226.8	30.81	251.7	35.13
	20	128.1	16.80	153.0	20.40	177.9	24.12	189.9	26.10	201.9	28.56	226.8	33.00	251.7	36.81
	21	128.1	16.98	153.0	20.61	177.9	24.60	189.9	26.97	201.9	29.61	226.8	33.51	251.7	37.65
	23	128.1	17.37	153.0	21.45	177.9	26.28	189.9	28.95	201.9	31.71	226.8	35.55	248.1	39.42
	25	128.1	18.24	153.0	22.89	177.9	28.11	189.9	30.96	201.9	33.90	226.8	38.01	244.5	41.10
	27	128.1	19.47	153.0	24.39	177.9	30.00	189.9	33.03	201.9	36.27	226.8	40.41	240.9	43.02
	29	128.1	20.61	153.0	26.01	177.9	32.07	189.9	35.31	201.9	38.73	226.8	42.81	237.3	44.76
	31	128.1	21.93	153.0	27.72	177.9	34.17	189.9	37.59	201.9	41.28	226.8	44.94	233.7	46.50
	33	128.1	23.34	153.0	29.52	177.9	36.45	189.9	40.05	201.9	43.80	226.8	47.13	230.1	48.24
	35	128.1	24.78	153.0	31.32	177.9	38.73	189.9	42.72	201.9	46.44	222.9	49.83	226.5	50.97
	37	128.1	26.28	153.0	33.33	177.9	41.31	189.9	45.39	201.9	49.02	219.3	52.08	222.9	53.25
	39	128.1	27.84	153.0	35.43	177.9	43.71	189.9	48.30	201.9	51.54	215.7	54.90	219.3	55.56
	41	124.8	31.14	149.1	39.30	173.1	47.97	185.1	52.80	196.8	55.65	206.7	57.87	210.3	59.19
	43	121.8	33.63	145.2	42.45	168.9	52.41	180.3	56.88	191.7	59.67	198.0	61.95	201.6	62.73
	46	114.0	37.86	136.2	48.36	158.4	59.70	168.9	64.47	174.3	66.30	180.9	68.01	184.2	68.13
	48	100.8	33.09	120.6	42.30	140.1	52.23	149.4	56.25	151.5	57.12	157.2	58.56	160.2	58.62
80	10	113.7	12.90	135.6	15.51	157.5	18.18	168.6	19.62	180.0	21.06	201.9	24.03	223.8	26.07
	12	113.7	13.17	135.6	15.69	157.5	18.54	168.6	19.98	180.0	21.42	201.9	24.45	223.8	26.58
	14	113.7	13.35	135.6	16.05	157.5	18.81	168.6	20.34	180.0	21.78	201.9	24.90	223.8	27.12
	16	113.7	13.53	135.6	16.32	157.5	19.17	168.6	20.70	180.0	22.23	201.9	25.44	223.8	27.63
	18	113.7	13.80	135.6	16.59	157.5	19.53	168.6	21.06	180.0	22.68	201.9	25.89	223.8	28.23
	20	113.7	14.07	135.6	16.95	157.5	19.98	168.6	21.51	180.0	23.13	201.9	26.88	223.8	29.91
	21	113.7	14.16	135.6	17.13	157.5	20.16	168.6	21.78	180.0	23.67	201.9	27.72	223.8	30.69
	23	113.7	14.43	135.6	17.37	157.5	21.06	168.6	23.13	180.0	25.26	201.9	29.28	223.8	32.22
	25	113.7	14.97	135.6	18.54	157.5	22.59	168.6	24.72	180.0	27.06	201.9	31.35	223.8	34.44
	27	113.7	15.87	135.6	19.71	157.5	24.12	168.6	26.43	180.0	28.86	201.9	33.30	223.8	36.24
	29	113.7	16.86	135.6	21.06	157.5	25.62	168.6	28.14	180.0	30.84	201.9	35.67	223.8	38.79
	31	113.7	17.91	135.6	22.32	157.5	27.33	168.6	30.03	180.0	32.79	201.9	37.86	223.8	40.74
	33	113.7	18.99	135.6	23.85	157.5	29.13	168.6	31.98	180.0	34.95	201.9	39.90	223.8	42.72
	35	113.7	20.16	135.6	25.26	157.5	31.02	168.6	34.05	180.0	37.29	201.9	42.30	221.4	44.25
	37	113.7	21.33	135.6	26.88	157.5	32.88	168.6	36.21	180.0	39.60	201.9	44.64	217.8	46.26
	39	113.7	22.53	135.6	28.41	157.5	35.19	168.6	38.91	180.0	42.57	201.9	47.16	214.2	48.81
	41	110.7	24.93	132.0	31.47	153.3	38.61	164.4	42.66	175.5	46.77	196.8	52.47	205.2	54.09
	43	108.0	27.45	128.7	34.35	149.7	42.15	160.2	46.50	171.0	51.12	191.7	56.16	196.8	57.90
	46	101.4	30.54	120.6	38.70	140.1	47.49	150.3	51.75	160.2	57.66	175.5	61.32	179.7	62.28
	48	89.7	26.67	106.8	33.84	123.9	41.52	132.9	45.21	141.9	50.49	152.4	53.07	156.0	53.61

7. Capacity Tables

Cooling Capacity (60RT)

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	99.3	11.28	119.1	13.41	137.7	15.54	147.6	16.80	157.5	17.94	176.4	20.43	195.9	22.86
	12	99.3	11.46	119.1	13.59	137.7	15.90	147.6	17.04	157.5	18.30	176.4	20.79	195.9	23.28
	14	99.3	11.64	119.1	13.77	137.7	16.17	147.6	17.31	157.5	18.57	176.4	21.24	195.9	23.70
	16	99.3	11.82	119.1	14.04	137.7	16.44	147.6	17.67	157.5	18.93	176.4	21.57	195.9	24.21
	18	99.3	12.00	119.1	14.31	137.7	16.80	147.6	18.03	157.5	19.26	176.4	21.93	195.9	24.63
	20	99.3	12.18	119.1	14.58	137.7	17.04	147.6	18.39	157.5	19.71	176.4	22.47	195.9	25.59
	21	99.3	12.36	119.1	14.67	137.7	17.22	147.6	18.57	157.5	19.89	176.4	22.83	195.9	26.13
	23	99.3	12.51	119.1	15.00	137.7	17.58	147.6	19.17	157.5	20.88	176.4	24.42	195.9	27.57
	25	99.3	12.69	119.1	15.54	137.7	18.75	147.6	20.52	157.5	22.29	176.4	26.10	195.9	28.92
	27	99.3	13.41	119.1	16.62	137.7	19.98	147.6	21.75	157.5	23.79	176.4	27.90	195.9	30.72
	29	99.3	14.31	119.1	17.58	137.7	21.24	147.6	23.19	157.5	25.32	176.4	29.76	195.9	32.94
	31	99.3	15.18	119.1	18.75	137.7	22.65	147.6	24.78	157.5	27.00	176.4	31.71	195.9	34.95
	33	99.3	16.08	119.1	19.80	137.7	24.06	147.6	26.28	157.5	28.68	176.4	33.75	195.9	37.20
	35	99.3	16.95	119.1	21.15	137.7	25.59	147.6	27.99	157.5	30.54	176.4	35.97	195.9	39.45
	37	99.3	18.03	119.1	22.38	137.7	27.18	147.6	29.76	157.5	32.52	176.4	38.28	195.9	41.61
	39	99.3	19.14	119.1	23.88	137.7	29.07	147.6	32.01	157.5	35.13	176.4	40.98	195.9	44.88
	41	96.9	21.18	116.1	26.16	134.4	31.89	144.0	35.10	153.3	38.19	171.6	45.00	190.8	48.42
	43	94.5	23.04	113.1	28.50	131.1	34.77	140.4	38.28	149.7	41.70	167.4	49.17	186.0	52.35
	46	88.5	25.62	105.9	32.04	122.7	39.18	131.4	42.66	140.1	46.98	156.9	55.44	174.3	58.35
	48	78.3	22.35	93.9	27.99	108.6	34.23	116.4	37.26	123.9	41.10	138.9	48.51	154.2	50.49
60	10	85.2	9.69	101.7	11.37	118.2	13.20	126.6	14.16	134.7	15.06	151.5	17.07	168.0	19.11
	12	85.2	9.87	101.7	11.52	118.2	13.38	126.6	14.34	134.7	15.33	151.5	17.34	168.0	19.44
	14	85.2	9.96	101.7	11.70	118.2	13.65	126.6	14.61	134.7	15.57	151.5	17.70	168.0	19.80
	16	85.2	10.11	101.7	11.97	118.2	13.83	126.6	14.88	134.7	15.93	151.5	18.06	168.0	20.16
	18	85.2	10.29	101.7	12.15	118.2	14.07	126.6	15.15	134.7	16.20	151.5	18.30	168.0	20.61
	20	85.2	10.47	101.7	12.33	118.2	14.34	126.6	15.39	134.7	16.47	151.5	18.66	168.0	21.03
	21	85.2	10.56	101.7	12.42	118.2	14.52	126.6	15.57	134.7	16.65	151.5	18.93	168.0	21.21
	23	85.2	10.74	101.7	12.69	118.2	14.70	126.6	15.84	134.7	16.98	151.5	19.62	168.0	22.53
	25	85.2	10.92	101.7	12.93	118.2	15.33	126.6	16.65	134.7	18.06	151.5	20.94	168.0	24.12
	27	85.2	11.28	101.7	13.65	118.2	16.29	126.6	17.70	134.7	19.20	151.5	22.26	168.0	25.71
	29	85.2	11.97	101.7	14.52	118.2	17.34	126.6	18.84	134.7	20.43	151.5	23.76	168.0	27.45
	31	85.2	12.69	101.7	15.39	118.2	18.39	126.6	20.07	134.7	21.75	151.5	25.35	168.0	29.22
	33	85.2	13.38	101.7	16.29	118.2	19.53	126.6	21.30	134.7	23.16	151.5	26.94	168.0	31.17
	35	85.2	14.16	101.7	17.34	118.2	20.76	126.6	22.62	134.7	24.57	151.5	28.71	168.0	33.09
	37	85.2	14.97	101.7	18.30	118.2	22.02	126.6	24.03	134.7	26.07	151.5	30.45	168.0	35.22
	39	85.2	15.90	101.7	19.50	118.2	23.76	126.6	25.77	134.7	28.05	151.5	32.67	168.0	37.74
	41	82.8	17.25	99.0	21.33	115.2	25.80	123.3	28.17	131.4	30.45	147.6	35.85	163.8	41.01
	43	81.0	18.75	96.6	23.22	112.5	28.11	120.3	30.69	128.1	33.18	144.0	39.12	159.6	44.79
	46	75.9	21.00	90.6	26.07	105.3	31.62	112.8	34.50	120.0	37.35	134.7	44.07	149.7	51.03
	48	67.2	18.30	80.1	22.74	93.3	27.63	99.6	30.12	106.2	32.64	119.4	38.55	132.3	44.64
50	10	71.1	8.28	85.2	9.60	98.7	10.89	105.6	11.70	112.2	12.39	125.7	13.95	140.1	15.54
	12	71.1	8.37	85.2	9.69	98.7	11.07	105.6	11.85	112.2	12.66	125.7	14.22	140.1	15.78
	14	71.1	8.46	85.2	9.87	98.7	11.25	105.6	12.03	112.2	12.81	125.7	14.40	140.1	16.05
	16	71.1	8.64	85.2	10.02	98.7	11.43	105.6	12.30	112.2	12.99	125.7	14.67	140.1	16.32
	18	71.1	8.73	85.2	10.11	98.7	11.61	105.6	12.48	112.2	13.26	125.7	14.91	140.1	16.65
	20	71.1	8.82	85.2	10.29	98.7	11.85	105.6	12.66	112.2	13.53	125.7	15.18	140.1	17.01
	21	71.1	8.91	85.2	10.38	98.7	11.94	105.6	12.81	112.2	13.62	125.7	15.36	140.1	17.19
	23	71.1	9.06	85.2	10.56	98.7	12.12	105.6	12.99	112.2	13.86	125.7	15.63	140.1	17.52
	25	71.1	9.15	85.2	10.74	98.7	12.39	105.6	13.26	112.2	14.31	125.7	16.41	140.1	18.75
	27	71.1	9.33	85.2	11.07	98.7	13.08	105.6	14.13	112.2	15.18	125.7	17.52	140.1	19.98
	29	71.1	9.87	85.2	11.79	98.7	13.86	105.6	15.00	112.2	16.14	125.7	18.57	140.1	21.21
	31	71.1	10.38	85.2	12.48	98.7	14.73	105.6	15.87	112.2	17.19	125.7	19.80	140.1	22.59
	33	71.1	10.98	85.2	13.17	98.7	15.63	105.6	16.83	112.2	18.24	125.7	21.03	140.1	24.09
	35	71.1	11.61	85.2	13.95	98.7	16.50	105.6	17.88	112.2	19.29	125.7	22.23	140.1	25.56
	37	71.1	12.30	85.2	14.73	98.7	17.46	105.6	18.93	112.2	20.40	125.7	23.73	140.1	27.12
	39	71.1	13.11	85.2	15.81	98.7	18.69	105.6	20.37	112.2	21.90	125.7	25.26	140.1	29.31
	41	69.3	14.19	82.8	17.10	96.0	20.43	102.9	22.08	109.5	23.73	122.7	27.69	136.5	31.83
	43	67.5	15.42	81.0	18.60	93.9	22.23	100.2	24.03	106.8	25.83	119.4	30.21	133.2	34.71
	46	63.3	17.28	75.9	20.88	87.9	24.96	93.9	27.00	99.9	29.01	111.9	33.99	124.8	39.09
	48	56.1	15.06	67.2	18.21	77.7	21.75	83.1	23.55	88.5	25.32	99.0	29.70	110.4	34.17

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

7.1.4 4 Units Combination

◆ ARUV747BTE5 / ARUV747DTE5

Cooling Capacity (62RT)

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	215.9	24.27	257.1	29.66	275.6	34.43	283.5	35.11	291.5	35.40	305.4	35.68	313.3	35.83
	12	215.9	24.89	257.1	30.73	275.6	35.83	283.5	36.06	291.5	36.37	305.4	36.64	313.3	36.97
	14	215.9	25.72	257.1	31.84	275.6	37.17	283.5	37.44	291.5	37.76	305.4	38.06	313.3	38.39
	16	215.9	26.65	257.1	32.96	275.6	38.85	283.5	39.20	291.5	39.53	305.4	39.88	313.3	40.19
	18	215.9	27.78	257.1	34.85	275.6	40.63	283.5	41.51	291.5	41.84	305.4	42.26	313.3	42.54
	20	215.9	29.00	257.1	37.14	275.6	42.63	283.5	45.66	291.5	46.02	301.1	46.47	308.9	46.80
	21	215.9	29.75	257.1	38.45	275.6	43.52	283.5	48.31	291.5	48.70	299.2	49.18	307.3	49.53
	23	215.9	31.93	257.1	40.44	275.6	45.79	283.5	53.32	287.8	53.74	294.9	54.28	302.7	54.64
	25	215.9	34.10	257.1	42.77	275.6	48.94	280.0	59.13	283.5	59.61	291.5	60.18	299.2	60.60
	27	215.9	36.49	257.1	45.72	272.2	52.13	275.6	65.10	280.0	65.61	287.8	66.26	294.9	66.71
	29	215.9	38.87	257.1	48.88	267.6	56.10	271.7	71.54	275.6	71.96	283.5	72.61	291.5	72.91
	31	215.9	41.49	256.4	51.48	263.3	59.67	267.6	71.24	271.7	71.66	279.1	72.31	286.9	72.58
	33	215.9	44.20	251.9	54.55	259.8	64.00	263.9	70.59	267.6	71.01	275.6	71.65	282.5	71.93
	35	215.9	47.13	247.5	57.13	255.2	69.33	259.8	69.66	263.9	70.08	271.1	70.70	279.1	71.00
	37	215.9	50.25	244.0	59.94	251.9	68.40	255.2	68.74	259.8	69.15	267.0	69.78	274.8	70.05
	39	215.9	53.51	239.7	63.10	247.5	67.49	251.9	67.84	255.2	68.23	263.3	68.85	271.1	69.12
	41	210.3	56.78	229.8	66.26	237.5	66.56	241.0	66.91	245.7	67.31	253.1	67.91	259.9	68.17
	43	205.2	59.88	220.1	65.33	227.7	65.66	231.3	65.99	236.0	66.38	243.2	66.98	249.6	67.25
	46	192.2	64.09	200.9	63.96	208.1	64.29	211.4	64.60	215.8	64.98	222.6	65.57	228.6	65.84
	48	170.2	62.30	174.4	62.50	180.8	62.62	183.9	62.80	187.6	63.34	193.8	63.73	199.1	64.00
120	10	195.3	21.85	232.3	26.77	253.9	31.83	261.6	34.39	269.4	34.93	284.1	35.08	290.9	35.36
	12	195.3	22.44	232.3	27.69	253.9	33.11	261.6	35.11	269.4	36.22	284.1	36.66	290.9	36.96
	14	195.3	23.19	232.3	28.62	253.9	34.43	261.6	36.45	269.4	37.55	284.1	38.12	290.9	38.42
	16	195.3	24.02	232.3	29.80	253.9	35.77	261.6	37.82	269.4	39.29	284.1	39.76	290.9	40.09
	18	195.3	24.97	232.3	31.14	253.9	37.20	261.6	39.80	269.4	41.31	284.1	41.78	290.9	42.11
	20	195.3	25.94	232.3	33.02	253.9	39.20	261.6	41.88	269.4	43.49	284.1	44.06	290.9	44.42
	21	195.3	26.71	232.3	34.22	253.9	40.30	261.6	43.13	269.4	44.92	284.1	45.49	290.9	45.87
	23	195.3	28.56	232.3	36.60	253.9	43.19	261.6	45.81	269.4	47.90	284.1	48.37	290.9	48.76
	25	195.3	30.52	232.3	39.20	253.9	45.54	261.6	48.85	269.4	51.36	280.6	51.80	287.4	52.21
	27	195.3	32.57	232.3	41.91	253.9	48.47	261.6	52.19	269.4	55.20	276.3	55.56	283.1	56.01
	29	195.3	34.76	232.3	44.74	253.9	51.00	261.6	55.85	265.1	58.84	271.9	59.71	279.7	60.18
	31	195.3	37.03	232.3	47.79	253.9	53.65	258.3	59.83	261.6	63.10	268.6	64.23	275.4	64.74
	33	195.3	39.43	232.3	50.93	250.5	56.75	253.9	64.95	257.3	67.75	264.2	68.53	271.1	69.07
	35	195.3	41.91	232.3	54.30	246.1	60.06	249.6	71.54	253.9	71.89	260.8	72.10	267.6	72.68
	37	195.3	45.09	232.3	57.29	242.6	64.03	246.1	70.04	249.6	70.38	256.4	70.59	263.3	71.15
	39	195.3	48.53	231.6	60.56	238.4	67.93	241.8	68.59	245.3	68.94	253.1	69.15	259.9	69.69
	41	190.4	51.99	221.4	63.82	228.9	66.59	232.0	67.16	235.4	67.49	242.2	67.70	249.2	68.23
	43	185.7	55.50	212.1	62.89	219.5	65.10	222.6	65.72	226.0	66.05	232.6	66.24	239.3	66.77
	46	174.0	59.67	193.4	61.40	200.4	63.04	203.4	63.55	206.5	63.88	212.7	64.06	219.0	64.56
	48	153.9	58.45	168.0	60.31	174.2	61.82	176.8	62.18	179.6	62.39	185.1	62.62	190.7	62.89
110	10	175.0	19.64	208.7	23.94	233.1	28.44	239.7	30.79	255.0	33.14	260.8	34.04	278.5	34.61
	12	175.0	20.26	208.7	24.74	233.1	29.62	239.7	31.66	255.0	34.37	260.8	35.48	278.5	36.31
	14	175.0	20.90	208.7	25.87	233.1	30.96	239.7	33.23	255.0	36.10	260.8	37.14	278.5	37.92
	16	175.0	21.64	208.7	26.80	233.1	32.24	239.7	34.67	255.0	37.77	260.8	38.81	278.5	39.49
	18	175.0	22.45	208.7	27.93	233.1	34.10	239.7	36.51	255.0	39.84	260.8	40.63	278.5	41.39
	20	175.0	23.25	208.7	29.33	233.1	36.16	239.7	38.19	255.0	41.78	260.8	42.81	278.5	43.49
	21	175.0	23.75	208.7	30.19	233.1	37.09	239.7	39.22	255.0	42.95	260.8	44.03	278.5	44.71
	23	175.0	25.30	208.7	32.37	233.1	39.16	239.7	41.41	255.0	45.37	260.8	46.35	278.5	47.09
	25	175.0	27.04	208.7	34.55	233.1	41.37	239.7	43.76	255.0	47.93	260.8	48.62	275.1	49.61
	27	175.0	28.89	208.7	36.93	233.1	43.72	239.7	46.32	255.0	50.05	260.8	51.20	271.1	52.07
	29	175.0	30.85	208.7	39.43	233.1	46.20	239.7	49.06	255.0	52.91	260.8	53.80	267.6	54.63
	31	175.0	32.79	208.7	42.03	233.1	48.82	239.7	51.98	250.8	55.59	257.4	56.67	263.3	57.27
	33	175.0	34.97	208.7	44.74	233.1	51.57	239.7	55.08	247.4	58.70	253.3	59.67	259.9	60.00
	35	175.0	37.14	208.7	47.79	233.1	54.48	239.7	58.36	243.2	61.94	249.0	62.53	255.8	62.83
	37	175.0	39.37	208.7	50.70	233.1	57.50	236.4	61.82	239.1	65.34	245.7	65.57	251.5	65.76
	39	175.0	42.44	208.7	53.89	228.9	60.68	232.2	66.14	235.6	68.59	241.5	68.70	248.4	68.76
	41	170.5	45.52	203.4	57.08	219.0	64.00	222.4	71.54	225.4	71.54	232.0	72.10	237.8	72.68
	43	166.3	47.79	198.2	59.46	209.9	67.87	213.4	68.61	216.1	68.47	222.6	68.86	228.2	69.06
	46	156.0	46.65	185.8	57.40	191.6	64.41	194.8	64.39	197.5	64.95	203.5	65.31	208.7	65.49
	48	138.0	45.31	161.6	55.29	166.5	61.28	169.4	61.67	171.5	61.98	177.1	62.15	181.7	62.41

7. Capacity Tables

Cooling Capacity (62RT)

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	147.3	17.68	175.2	21.50	204.0	25.51	218.0	27.57	232.0	29.62	257.3	32.96	262.9	33.23
	12	147.3	18.24	175.2	22.39	204.0	26.37	218.0	28.31	232.0	30.55	257.3	34.73	262.9	35.09
	14	147.3	18.84	175.2	23.28	204.0	27.49	218.0	29.53	232.0	31.87	257.3	36.69	262.9	37.03
	16	147.3	19.40	175.2	24.06	204.0	28.65	218.0	30.94	232.0	33.60	257.3	38.45	262.9	38.99
	18	147.3	19.97	175.2	24.95	204.0	29.78	218.0	32.43	232.0	35.62	257.3	40.63	262.9	40.95
	20	147.3	20.69	175.2	25.88	204.0	31.50	218.0	34.76	232.0	38.12	257.3	42.57	262.9	42.92
	21	147.3	21.11	175.2	26.50	204.0	32.57	218.0	35.94	232.0	39.53	257.3	43.55	262.9	43.91
	23	147.3	22.38	175.2	28.34	204.0	34.97	218.0	38.54	232.0	42.36	257.3	45.60	262.9	45.96
	25	147.3	23.79	175.2	30.19	204.0	37.35	218.0	41.26	232.0	45.28	257.3	47.54	260.8	47.93
	27	147.3	25.42	175.2	32.26	204.0	39.97	218.0	44.09	232.0	48.14	252.1	49.78	257.7	50.17
	29	147.3	27.04	175.2	34.43	204.0	42.69	218.0	47.13	232.0	50.97	247.5	51.78	253.7	52.19
	31	147.3	28.89	175.2	36.70	204.0	45.52	218.0	50.29	232.0	53.54	243.8	53.80	249.6	54.22
	33	147.3	30.61	175.2	39.10	204.0	48.55	218.0	53.65	232.0	55.56	239.9	55.80	245.9	56.24
	35	147.3	32.57	175.2	41.58	204.0	51.69	218.0	57.23	228.5	57.58	235.6	57.79	241.6	58.27
	37	147.3	34.90	175.2	44.61	204.0	54.75	218.0	59.95	224.8	60.24	231.3	60.48	236.6	61.05
	39	147.3	37.41	175.2	47.93	204.0	58.03	218.0	62.89	221.1	63.16	227.5	63.40	232.9	64.00
	41	144.8	39.92	172.4	51.24	200.7	61.28	209.3	65.82	213.7	66.09	218.9	66.32	225.8	66.92
	43	139.9	42.26	166.5	54.31	193.8	64.23	200.6	68.32	202.9	68.59	209.1	68.80	214.6	69.45
	46	131.2	45.46	156.0	58.55	181.7	68.11	183.2	71.54	185.1	71.75	191.0	71.96	196.3	72.64
	48	115.9	39.24	138.0	50.66	156.9	58.24	159.1	60.70	160.9	60.90	166.1	61.05	170.5	61.52
90	10	132.4	15.26	158.1	18.34	183.9	21.63	196.3	23.31	208.7	25.08	234.4	28.07	260.1	31.23
	12	132.4	15.44	158.1	18.63	183.9	22.00	196.3	23.78	208.7	25.64	234.4	28.64	260.1	31.77
	14	132.4	15.73	158.1	19.00	183.9	22.45	196.3	24.26	208.7	26.12	234.4	29.20	260.1	32.42
	16	132.4	16.00	158.1	19.37	183.9	22.93	196.3	24.71	208.7	26.59	234.4	29.75	260.1	32.98
	18	132.4	16.30	158.1	19.76	183.9	23.31	196.3	25.27	208.7	27.16	234.4	30.39	260.1	34.64
	20	132.4	16.57	158.1	20.12	183.9	23.78	196.3	25.74	208.7	28.17	234.4	32.53	260.1	36.29
	21	132.4	16.75	158.1	20.32	183.9	24.26	196.3	26.59	208.7	29.20	234.4	33.04	260.1	37.13
	23	132.4	17.13	158.1	21.15	183.9	25.92	196.3	28.54	208.7	31.27	234.4	35.06	256.4	38.88
	25	132.4	17.99	158.1	22.57	183.9	27.71	196.3	30.53	208.7	33.43	234.4	37.48	252.7	40.53
	27	132.4	19.20	158.1	24.05	183.9	29.58	196.3	32.57	208.7	35.76	234.4	39.85	249.0	42.42
	29	132.4	20.32	158.1	25.64	183.9	31.63	196.3	34.81	208.7	38.19	234.4	42.21	245.3	44.14
	31	132.4	21.63	158.1	27.33	183.9	33.70	196.3	37.07	208.7	40.71	234.4	44.31	241.6	45.85
	33	132.4	23.02	158.1	29.11	183.9	35.94	196.3	39.50	208.7	43.19	234.4	46.47	237.9	47.56
	35	132.4	24.43	158.1	30.88	183.9	38.19	196.3	42.13	208.7	45.79	230.4	49.14	234.1	50.25
	37	132.4	25.92	158.1	32.86	183.9	40.73	196.3	44.76	208.7	48.34	226.7	51.36	230.4	52.51
	39	132.4	27.45	158.1	34.94	183.9	43.10	196.3	47.62	208.7	50.83	222.9	54.14	226.7	54.79
	41	129.0	30.71	154.1	38.75	179.0	47.31	191.3	52.06	203.4	54.88	213.6	57.06	217.4	58.37
	43	125.8	33.16	150.2	41.86	174.6	51.67	186.4	56.09	198.2	58.84	204.7	61.09	208.5	61.85
	46	117.8	37.33	140.7	47.68	163.7	58.87	174.6	63.57	180.2	65.38	187.0	67.07	190.5	67.17
	48	104.2	32.63	124.6	41.71	144.8	51.50	154.5	55.47	156.6	56.33	162.5	57.74	165.5	57.80
80	10	117.6	12.80	140.1	15.40	162.8	18.05	174.4	19.48	186.0	20.91	208.7	23.84	231.3	25.88
	12	117.6	13.07	140.1	15.57	162.8	18.41	174.4	19.83	186.0	21.26	208.7	24.27	231.3	26.38
	14	117.6	13.25	140.1	15.93	162.8	18.68	174.4	20.19	186.0	21.62	208.7	24.72	231.3	26.91
	16	117.6	13.43	140.1	16.20	162.8	19.03	174.4	20.54	186.0	22.06	208.7	25.25	231.3	27.42
	18	117.6	13.70	140.1	16.46	162.8	19.39	174.4	20.91	186.0	22.51	208.7	25.70	231.3	28.02
	20	117.6	13.97	140.1	16.82	162.8	19.83	174.4	21.34	186.0	22.96	208.7	26.68	231.3	29.68
	21	117.6	14.05	140.1	17.00	162.8	20.01	174.4	21.62	186.0	23.49	208.7	27.52	231.3	30.47
	23	117.6	14.32	140.1	17.24	162.8	20.91	174.4	22.96	186.0	25.07	208.7	29.06	231.3	31.98
	25	117.6	14.85	140.1	18.41	162.8	22.42	174.4	24.54	186.0	26.86	208.7	31.11	231.3	34.18
	27	117.6	15.75	140.1	19.56	162.8	23.94	174.4	26.23	186.0	28.65	208.7	33.05	231.3	35.97
	29	117.6	16.73	140.1	20.91	162.8	25.43	174.4	27.93	186.0	30.60	208.7	35.41	231.3	38.50
	31	117.6	17.78	140.1	22.16	162.8	27.13	174.4	29.80	186.0	32.55	208.7	37.58	231.3	40.43
	33	117.6	18.85	140.1	23.67	162.8	28.91	174.4	31.74	186.0	34.69	208.7	39.60	231.3	42.40
	35	117.6	20.01	140.1	25.07	162.8	30.78	174.4	33.79	186.0	37.01	208.7	41.98	228.8	43.93
	37	117.6	21.17	140.1	26.68	162.8	32.64	174.4	35.94	186.0	39.30	208.7	44.30	225.1	45.92
	39	117.6	22.36	140.1	28.20	162.8	34.92	174.4	38.62	186.0	42.25	208.7	46.81	221.4	48.45
	41	114.5	24.74	136.4	31.23	158.5	38.32	169.9	42.35	181.4	46.42	203.4	52.08	212.1	53.69
	43	111.6	27.24	133.1	34.10	154.7	41.84	165.7	46.16	176.8	50.73	198.2	55.74	203.4	57.47
	46	104.8	30.31	124.8	38.40	144.9	47.14	155.4	51.36	165.7	57.24	181.4	60.86	185.7	61.82
	48	92.7	26.48	110.4	33.59	128.1	41.21	137.4	44.87	146.7	50.11	157.5	52.67	161.2	53.21

7. Capacity Tables

Cooling Capacity (62RT)

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	102.7	11.27	123.1	13.40	142.4	15.53	152.5	16.78	162.8	17.93	182.3	20.42	202.5	22.84
	12	102.7	11.45	123.1	13.58	142.4	15.89	152.5	17.03	162.8	18.28	182.3	20.77	202.5	23.26
	14	102.7	11.63	123.1	13.75	142.4	16.16	152.5	17.30	162.8	18.55	182.3	21.22	202.5	23.68
	16	102.7	11.81	123.1	14.03	142.4	16.42	152.5	17.66	162.8	18.91	182.3	21.56	202.5	24.19
	18	102.7	11.99	123.1	14.30	142.4	16.78	152.5	18.01	162.8	19.25	182.3	21.91	202.5	24.62
	20	102.7	12.16	123.1	14.56	142.4	17.03	152.5	18.38	162.8	19.70	182.3	22.46	202.5	25.56
	21	102.7	12.34	123.1	14.65	142.4	17.21	152.5	18.55	162.8	19.87	182.3	22.81	202.5	26.11
	23	102.7	12.50	123.1	14.99	142.4	17.57	152.5	19.16	162.8	20.86	182.3	24.40	202.5	27.55
	25	102.7	12.69	123.1	15.53	142.4	18.73	152.5	20.50	162.8	22.27	182.3	26.09	202.5	28.90
	27	102.7	13.40	123.1	16.60	142.4	19.97	152.5	21.73	162.8	23.77	182.3	27.87	202.5	30.70
	29	102.7	14.30	123.1	17.57	142.4	21.22	152.5	23.17	162.8	25.30	182.3	29.74	202.5	32.91
	31	102.7	15.17	123.1	18.73	142.4	22.63	152.5	24.76	162.8	26.97	182.3	31.68	202.5	34.92
	33	102.7	16.07	123.1	19.79	142.4	24.05	152.5	26.26	162.8	28.66	182.3	33.72	202.5	37.17
	35	102.7	16.94	123.1	21.13	142.4	25.56	152.5	27.96	162.8	30.52	182.3	35.94	202.5	39.41
	37	102.7	18.01	123.1	22.36	142.4	27.15	152.5	29.74	162.8	32.49	182.3	38.25	202.5	41.58
	39	102.7	19.13	123.1	23.86	142.4	29.05	152.5	31.98	162.8	35.09	182.3	40.94	202.5	44.84
	41	100.2	21.16	120.0	26.13	138.9	31.86	148.8	35.07	158.5	38.15	177.5	44.96	197.2	48.37
	43	97.7	23.03	116.9	28.48	135.5	34.74	145.1	38.25	154.7	41.66	173.1	49.12	192.3	52.30
	46	91.5	25.60	109.5	32.02	126.9	39.14	135.8	42.62	144.9	46.94	162.2	55.40	180.2	58.30
	48	81.0	22.33	97.0	27.97	112.2	34.21	120.3	37.23	128.1	41.07	143.6	48.47	159.5	50.45
60	10	88.0	9.75	105.1	11.44	122.2	13.28	130.8	14.25	139.3	15.14	156.6	17.17	173.6	19.22
	12	88.0	9.92	105.1	11.59	122.2	13.45	130.8	14.43	139.3	15.42	156.6	17.44	173.6	19.56
	14	88.0	10.02	105.1	11.77	122.2	13.73	130.8	14.69	139.3	15.67	156.6	17.80	173.6	19.92
	16	88.0	10.18	105.1	12.04	122.2	13.90	130.8	14.97	139.3	16.03	156.6	18.16	173.6	20.28
	18	88.0	10.36	105.1	12.22	122.2	14.16	130.8	15.24	139.3	16.29	156.6	18.41	173.6	20.73
	20	88.0	10.53	105.1	12.40	122.2	14.43	130.8	15.48	139.3	16.56	156.6	18.77	173.6	21.15
	21	88.0	10.62	105.1	12.49	122.2	14.61	130.8	15.67	139.3	16.74	156.6	19.04	173.6	21.34
	23	88.0	10.81	105.1	12.76	122.2	14.79	130.8	15.93	139.3	17.09	156.6	19.73	173.6	22.66
	25	88.0	10.99	105.1	13.01	122.2	15.42	130.8	16.74	139.3	18.16	156.6	21.07	173.6	24.26
	27	88.0	11.34	105.1	13.73	122.2	16.38	130.8	17.80	139.3	19.31	156.6	22.39	173.6	25.86
	29	88.0	12.04	105.1	14.61	122.2	17.44	130.8	18.95	139.3	20.54	156.6	23.90	173.6	27.61
	31	88.0	12.76	105.1	15.48	122.2	18.51	130.8	20.19	139.3	21.88	156.6	25.50	173.6	29.40
	33	88.0	13.45	105.1	16.38	122.2	19.65	130.8	21.42	139.3	23.29	156.6	27.10	173.6	31.35
	35	88.0	14.25	105.1	17.44	122.2	20.89	130.8	22.76	139.3	24.71	156.6	28.87	173.6	33.28
	37	88.0	15.06	105.1	18.41	122.2	22.15	130.8	24.18	139.3	26.21	156.6	30.64	173.6	35.42
	39	88.0	15.99	105.1	19.61	122.2	23.90	130.8	25.93	139.3	28.21	156.6	32.86	173.6	37.96
	41	85.6	17.35	102.3	21.45	119.1	25.95	127.5	28.33	135.8	30.62	152.5	36.06	169.2	41.25
	43	83.7	18.86	99.8	23.35	116.3	28.28	124.4	30.87	132.4	33.38	148.8	39.35	164.9	45.05
	46	78.5	21.13	93.6	26.23	108.9	31.80	116.5	34.70	124.0	37.57	139.3	44.33	154.7	51.33
	48	69.4	18.41	82.8	22.88	96.3	27.79	102.9	30.30	109.8	32.83	123.4	38.77	136.8	44.90
50	10	73.5	8.38	88.0	9.72	102.0	11.03	109.1	11.84	116.0	12.55	130.0	14.13	144.8	15.73
	12	73.5	8.48	88.0	9.81	102.0	11.21	109.1	12.00	116.0	12.81	130.0	14.41	144.8	15.99
	14	73.5	8.56	88.0	9.99	102.0	11.39	109.1	12.18	116.0	12.98	130.0	14.58	144.8	16.25
	16	73.5	8.75	88.0	10.16	102.0	11.58	109.1	12.45	116.0	13.16	130.0	14.85	144.8	16.53
	18	73.5	8.84	88.0	10.24	102.0	11.76	109.1	12.63	116.0	13.42	130.0	15.10	144.8	16.86
	20	73.5	8.93	88.0	10.42	102.0	12.00	109.1	12.81	116.0	13.70	130.0	15.38	144.8	17.22
	21	73.5	9.02	88.0	10.51	102.0	12.10	109.1	12.98	116.0	13.79	130.0	15.55	144.8	17.41
	23	73.5	9.18	88.0	10.69	102.0	12.28	109.1	13.16	116.0	14.04	130.0	15.83	144.8	17.75
	25	73.5	9.27	88.0	10.87	102.0	12.55	109.1	13.42	116.0	14.49	130.0	16.62	144.8	18.99
	27	73.5	9.45	88.0	11.21	102.0	13.25	109.1	14.31	116.0	15.38	130.0	17.75	144.8	20.24
	29	73.5	9.99	88.0	11.94	102.0	14.04	109.1	15.20	116.0	16.35	130.0	18.81	144.8	21.47
	31	73.5	10.51	88.0	12.63	102.0	14.92	109.1	16.07	116.0	17.41	130.0	20.05	144.8	22.87
	33	73.5	11.13	88.0	13.34	102.0	15.83	109.1	17.04	116.0	18.47	130.0	21.29	144.8	24.39
	35	73.5	11.76	88.0	14.13	102.0	16.70	109.1	18.11	116.0	19.53	130.0	22.52	144.8	25.89
	37	73.5	12.45	88.0	14.92	102.0	17.67	109.1	19.17	116.0	20.66	130.0	24.03	144.8	27.47
	39	73.5	13.28	88.0	16.01	102.0	18.93	109.1	20.63	116.0	22.18	130.0	25.58	144.8	29.68
	41	71.7	14.37	85.6	17.32	99.2	20.69	106.3	22.36	113.2	24.03	126.8	28.05	141.1	32.24
	43	69.8	15.62	83.7	18.84	97.1	22.52	103.6	24.33	110.3	26.16	123.5	30.60	137.6	35.15
	46	65.5	17.49	78.5	21.15	90.9	25.28	97.1	27.34	103.3	29.38	115.7	34.42	129.0	39.59
	48	58.0	15.24	69.4	18.44	80.4	22.04	85.9	23.85	91.5	25.64	102.3	30.08	114.1	34.61

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

◆ ARUV771BTE5 / ARUV771DTE5

Cooling Capacity (64RT)

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	222.8	25.15	265.3	30.73	284.5	35.67	292.6	36.38	300.9	36.68	315.2	36.97	323.3	37.13
	12	222.8	25.79	265.3	31.84	284.5	37.13	292.6	37.37	300.9	37.68	315.2	37.96	323.3	38.30
	14	222.8	26.65	265.3	32.99	284.5	38.52	292.6	38.80	300.9	39.12	315.2	39.44	323.3	39.78
	16	222.8	27.61	265.3	34.15	284.5	40.25	292.6	40.62	300.9	40.96	315.2	41.32	323.3	41.64
	18	222.8	28.78	265.3	36.11	284.5	42.10	292.6	43.02	300.9	43.36	315.2	43.79	323.3	44.08
	20	222.8	30.05	265.3	38.48	284.5	44.17	292.6	47.31	300.9	47.68	310.7	48.15	318.8	48.49
	21	222.8	30.82	265.3	39.84	284.5	45.09	292.6	50.06	300.9	50.46	308.9	50.96	317.1	51.32
	23	222.8	33.08	265.3	41.91	284.5	47.44	292.6	55.25	297.0	55.68	304.4	56.24	312.4	56.62
	25	222.8	35.33	265.3	44.32	284.5	50.71	289.0	61.27	292.6	61.76	300.9	62.36	308.9	62.79
	27	222.8	37.81	265.3	47.38	280.9	54.02	284.5	67.45	289.0	67.98	297.0	68.66	304.4	69.12
	29	222.8	40.28	265.3	50.65	276.2	58.12	280.4	74.13	284.5	74.56	292.6	75.24	300.9	75.54
	31	222.8	42.99	264.6	53.35	271.7	61.83	276.2	73.81	280.4	74.26	288.1	74.92	296.1	75.21
	33	222.8	45.80	259.9	56.52	268.1	66.31	272.4	73.14	276.2	73.57	284.5	74.24	291.6	74.53
	35	222.8	48.83	255.4	59.20	263.4	71.84	268.1	72.18	272.4	72.61	279.8	73.26	288.1	73.57
	37	222.8	52.07	251.9	62.11	259.9	70.88	263.4	71.22	268.1	71.65	275.5	72.31	283.6	72.59
	39	222.8	55.45	247.4	65.38	255.4	69.93	259.9	70.29	263.4	70.70	271.7	71.34	279.8	71.62
	41	217.1	58.83	237.1	68.65	245.1	68.97	248.7	69.33	253.6	69.74	261.2	70.36	268.3	70.64
	43	211.8	62.04	227.2	67.69	235.0	68.03	238.7	68.38	243.5	68.78	251.0	69.40	257.7	69.68
	46	198.4	66.41	207.3	66.28	214.8	66.62	218.2	66.94	222.7	67.33	229.7	67.95	235.9	68.22
	48	175.7	64.55	180.0	64.76	186.6	64.89	189.8	65.07	193.7	65.63	200.0	66.04	205.5	66.31
120	10	201.6	22.64	239.7	27.74	262.1	32.98	270.0	35.64	278.1	36.19	293.2	36.35	300.3	36.63
	12	201.6	23.26	239.7	28.69	262.1	34.31	270.0	36.38	278.1	37.53	293.2	37.99	300.3	38.30
	14	201.6	24.03	239.7	29.66	262.1	35.68	270.0	37.77	278.1	38.91	293.2	39.50	300.3	39.81
	16	201.6	24.89	239.7	30.88	262.1	37.06	270.0	39.19	278.1	40.71	293.2	41.20	300.3	41.54
	18	201.6	25.88	239.7	32.27	262.1	38.54	270.0	41.24	278.1	42.80	293.2	43.29	300.3	43.64
	20	201.6	26.87	239.7	34.22	262.1	40.62	270.0	43.40	278.1	45.07	293.2	45.65	300.3	46.03
	21	201.6	27.67	239.7	35.46	262.1	41.76	270.0	44.68	278.1	46.55	293.2	47.14	300.3	47.53
	23	201.6	29.59	239.7	37.92	262.1	44.75	270.0	47.47	278.1	49.63	293.2	50.12	300.3	50.53
	25	201.6	31.63	239.7	40.62	262.1	47.19	270.0	50.61	278.1	53.22	289.6	53.67	296.7	54.10
	27	201.6	33.75	239.7	43.43	262.1	50.22	270.0	54.08	278.1	57.20	285.1	57.57	292.2	58.04
	29	201.6	36.01	239.7	46.36	262.1	52.84	270.0	57.87	273.6	60.97	280.7	61.87	288.7	62.36
	31	201.6	38.37	239.7	49.51	262.1	55.59	266.6	61.99	270.0	65.38	277.2	66.55	284.2	67.09
	33	201.6	40.85	239.7	52.78	258.5	58.81	262.1	67.30	265.6	70.20	272.7	71.01	279.8	71.56
	35	201.6	43.43	239.7	56.27	254.1	62.23	257.6	74.13	262.1	74.49	269.2	74.71	276.2	75.31
	37	201.6	46.72	239.7	59.36	250.4	66.34	254.1	72.57	257.6	72.93	264.7	73.14	271.7	73.72
	39	201.6	50.29	239.0	62.75	246.1	70.38	249.6	71.07	253.1	71.43	261.2	71.65	268.2	72.21
	41	196.5	53.87	228.5	66.13	236.3	68.99	239.5	69.59	242.9	69.93	250.0	70.15	257.2	70.70
	43	191.7	57.50	218.9	65.17	226.5	67.45	229.7	68.10	233.3	68.44	240.1	68.63	247.0	69.19
	46	179.6	61.83	199.6	63.62	206.8	65.32	209.9	65.85	213.1	66.19	219.5	66.38	226.0	66.90
	48	158.8	60.56	173.4	62.49	179.8	64.05	182.5	64.43	185.3	64.65	191.1	64.89	196.8	65.16
110	10	180.6	20.35	215.4	24.80	240.6	29.47	247.4	31.91	263.1	34.34	269.2	35.27	287.5	35.87
	12	180.6	21.00	215.4	25.64	240.6	30.69	247.4	32.80	263.1	35.61	269.2	36.76	287.5	37.62
	14	180.6	21.65	215.4	26.81	240.6	32.08	247.4	34.43	263.1	37.41	269.2	38.48	287.5	39.29
	16	180.6	22.42	215.4	27.77	240.6	33.41	247.4	35.93	263.1	39.14	269.2	40.21	287.5	40.92
	18	180.6	23.26	215.4	28.94	240.6	35.33	247.4	37.83	263.1	41.29	269.2	42.10	287.5	42.89
	20	180.6	24.09	215.4	30.39	240.6	37.47	247.4	39.57	263.1	43.29	269.2	44.36	287.5	45.07
	21	180.6	24.61	215.4	31.29	240.6	38.43	247.4	40.64	263.1	44.51	269.2	45.62	287.5	46.33
	23	180.6	26.22	215.4	33.54	240.6	40.58	247.4	42.90	263.1	47.01	269.2	48.02	287.5	48.80
	25	180.6	28.01	215.4	35.80	240.6	42.87	247.4	45.35	263.1	49.67	269.2	50.38	283.9	51.40
	27	180.6	29.93	215.4	38.26	240.6	45.30	247.4	48.00	263.1	51.86	269.2	53.06	279.8	53.95
	29	180.6	31.97	215.4	40.85	240.6	47.87	247.4	50.83	263.1	54.82	269.2	55.75	276.2	56.61
	31	180.6	33.98	215.4	43.55	240.6	50.59	247.4	53.86	258.9	57.60	265.7	58.72	271.7	59.34
	33	180.6	36.23	215.4	46.36	240.6	53.44	247.4	57.07	255.3	60.82	261.5	61.83	268.3	62.17
	35	180.6	38.48	215.4	49.51	240.6	56.45	247.4	60.48	251.0	64.18	257.0	64.80	264.0	65.10
	37	180.6	40.79	215.4	52.54	240.6	59.58	244.0	64.06	246.7	67.71	253.6	67.95	259.6	68.13
	39	180.6	43.98	215.4	55.84	236.2	62.88	239.7	68.53	243.2	71.07	249.3	71.18	256.3	71.25
	41	176.0	47.16	209.9	59.14	226.0	66.31	229.5	74.13	232.7	74.13	239.5	74.71	245.5	75.31
	43	171.6	49.52	204.6	61.61	216.7	70.32	220.3	71.10	223.1	70.94	229.7	71.35	235.5	71.56
	46	161.0	48.34	191.7	59.48	197.7	66.74	201.1	66.72	203.9	67.30	210.0	67.67	215.4	67.86
	48	142.4	46.95	166.8	57.29	171.8	63.50	174.8	63.90	177.0	64.22	182.7	64.40	187.5	64.67

7. Capacity Tables

Cooling Capacity (64RT)

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	152.0	18.32	180.8	22.28	210.5	26.43	225.0	28.57	239.5	30.69	265.6	34.16	271.3	34.43
	12	152.0	18.90	180.8	23.20	210.5	27.33	225.0	29.34	239.5	31.66	265.6	35.99	271.3	36.36
	14	152.0	19.52	180.8	24.12	210.5	28.48	225.0	30.60	239.5	33.02	265.6	38.01	271.3	38.37
	16	152.0	20.10	180.8	24.93	210.5	29.68	225.0	32.06	239.5	34.81	265.6	39.85	271.3	40.40
	18	152.0	20.69	180.8	25.85	210.5	30.85	225.0	33.60	239.5	36.91	265.6	42.10	271.3	42.44
	20	152.0	21.44	180.8	26.81	210.5	32.64	225.0	36.01	239.5	39.50	265.6	44.11	271.3	44.47
	21	152.0	21.87	180.8	27.46	210.5	33.75	225.0	37.24	239.5	40.96	265.6	45.13	271.3	45.49
	23	152.0	23.19	180.8	29.37	210.5	36.23	225.0	39.94	239.5	43.89	265.6	47.25	271.3	47.62
	25	152.0	24.65	180.8	31.29	210.5	38.70	225.0	42.75	239.5	46.91	265.6	49.26	269.1	49.67
	27	152.0	26.34	180.8	33.42	210.5	41.41	225.0	45.69	239.5	49.88	260.2	51.58	265.9	51.98
	29	152.0	28.01	180.8	35.67	210.5	44.23	225.0	48.83	239.5	52.81	255.5	53.65	261.8	54.08
	31	152.0	29.93	180.8	38.03	210.5	47.16	225.0	52.11	239.5	55.47	251.6	55.75	257.7	56.18
	33	152.0	31.72	180.8	40.51	210.5	50.31	225.0	55.59	239.5	57.57	247.6	57.82	253.8	58.28
	35	152.0	33.75	180.8	43.08	210.5	53.56	225.0	59.30	235.9	59.66	243.2	59.88	249.3	60.37
	37	152.0	36.16	180.8	46.23	210.5	56.73	225.0	62.12	232.0	62.42	238.7	62.67	244.2	63.26
	39	152.0	38.76	180.8	49.66	210.5	60.13	225.0	65.16	228.2	65.44	234.8	65.70	240.3	66.31
	41	149.5	41.36	177.9	53.09	207.1	63.50	216.0	68.20	220.5	68.48	225.9	68.72	233.1	69.34
	43	144.4	43.79	171.9	56.28	200.0	66.55	207.1	70.79	209.4	71.07	215.8	71.28	221.5	71.96
	46	135.4	47.10	161.0	60.67	187.5	70.58	189.1	74.13	191.1	74.34	197.1	74.56	202.6	75.27
	48	119.7	40.66	142.4	52.50	161.9	60.35	164.2	62.89	166.1	63.10	171.5	63.25	176.0	63.75
90	10	136.7	15.79	163.2	18.98	189.8	22.38	202.6	24.12	215.4	25.96	241.9	29.05	268.5	32.32
	12	136.7	15.98	163.2	19.28	189.8	22.77	202.6	24.61	215.4	26.54	241.9	29.64	268.5	32.88
	14	136.7	16.28	163.2	19.66	189.8	23.24	202.6	25.10	215.4	27.03	241.9	30.21	268.5	33.55
	16	136.7	16.56	163.2	20.05	189.8	23.73	202.6	25.57	215.4	27.51	241.9	30.79	268.5	34.13
	18	136.7	16.87	163.2	20.45	189.8	24.12	202.6	26.15	215.4	28.10	241.9	31.45	268.5	35.85
	20	136.7	17.15	163.2	20.82	189.8	24.61	202.6	26.64	215.4	29.15	241.9	33.66	268.5	37.56
	21	136.7	17.34	163.2	21.02	189.8	25.10	202.6	27.51	215.4	30.22	241.9	34.20	268.5	38.42
	23	136.7	17.72	163.2	21.89	189.8	26.83	202.6	29.54	215.4	32.36	241.9	36.28	264.7	40.23
	25	136.7	18.61	163.2	23.36	189.8	28.68	202.6	31.59	215.4	34.59	241.9	38.79	260.8	41.94
	27	136.7	19.87	163.2	24.89	189.8	30.61	202.6	33.70	215.4	37.00	241.9	41.24	257.0	43.90
	29	136.7	21.02	163.2	26.54	189.8	32.73	202.6	36.03	215.4	39.52	241.9	43.68	253.2	45.68
	31	136.7	22.38	163.2	28.28	189.8	34.87	202.6	38.36	215.4	42.13	241.9	45.86	249.3	47.45
	33	136.7	23.83	163.2	30.13	189.8	37.19	202.6	40.87	215.4	44.70	241.9	48.09	245.5	49.22
	35	136.7	25.28	163.2	31.96	189.8	39.52	202.6	43.59	215.4	47.39	237.8	50.85	241.7	52.01
	37	136.7	26.83	163.2	34.00	189.8	42.15	202.6	46.32	215.4	50.02	233.9	53.15	237.8	54.34
	39	136.7	28.41	163.2	36.15	189.8	44.60	202.6	49.28	215.4	52.60	230.1	56.02	234.0	56.70
	41	133.1	31.78	159.1	40.10	184.7	48.95	197.4	53.88	209.9	56.79	220.5	59.05	224.4	60.40
	43	129.9	34.32	155.0	43.32	180.2	53.47	192.4	58.04	204.6	60.89	211.3	63.22	215.2	64.00
	46	121.6	38.63	145.3	49.34	168.9	60.92	180.2	65.79	186.0	67.66	193.0	69.40	196.6	69.51
	48	107.5	33.76	128.6	43.17	149.5	53.30	159.5	57.40	161.6	58.30	167.7	59.75	170.9	59.82
80	10	121.3	13.25	144.6	15.93	168.0	18.68	180.0	20.16	192.0	21.64	215.4	24.67	238.7	26.79
	12	121.3	13.53	144.6	16.11	168.0	19.05	180.0	20.52	192.0	22.00	215.4	25.12	238.7	27.30
	14	121.3	13.71	144.6	16.49	168.0	19.33	180.0	20.90	192.0	22.38	215.4	25.58	238.7	27.85
	16	121.3	13.90	144.6	16.76	168.0	19.69	180.0	21.26	192.0	22.83	215.4	26.13	238.7	28.38
	18	121.3	14.18	144.6	17.04	168.0	20.07	180.0	21.64	192.0	23.29	215.4	26.60	238.7	29.00
	20	121.3	14.45	144.6	17.40	168.0	20.52	180.0	22.09	192.0	23.76	215.4	27.61	238.7	30.72
	21	121.3	14.54	144.6	17.59	168.0	20.71	180.0	22.38	192.0	24.31	215.4	28.48	238.7	31.53
	23	121.3	14.82	144.6	17.85	168.0	21.64	180.0	23.76	192.0	25.95	215.4	30.08	238.7	33.10
	25	121.3	15.37	144.6	19.05	168.0	23.20	180.0	25.39	192.0	27.80	215.4	32.20	238.7	35.38
	27	121.3	16.30	144.6	20.24	168.0	24.77	180.0	27.15	192.0	29.65	215.4	34.21	238.7	37.22
	29	121.3	17.31	144.6	21.64	168.0	26.32	180.0	28.91	192.0	31.67	215.4	36.64	238.7	39.85
	31	121.3	18.40	144.6	22.93	168.0	28.08	180.0	30.84	192.0	33.68	215.4	38.89	238.7	41.84
	33	121.3	19.50	144.6	24.50	168.0	29.92	180.0	32.85	192.0	35.90	215.4	40.99	238.7	43.87
	35	121.3	20.71	144.6	25.95	168.0	31.86	180.0	34.97	192.0	38.30	215.4	43.45	236.1	45.46
	37	121.3	21.91	144.6	27.61	168.0	33.78	180.0	37.19	192.0	40.68	215.4	45.85	232.3	47.52
	39	121.3	23.15	144.6	29.18	168.0	36.14	180.0	39.97	192.0	43.73	215.4	48.45	228.5	50.14
	41	118.2	25.61	140.8	32.33	163.6	39.66	175.4	43.83	187.2	48.04	209.9	53.90	218.9	55.57
	43	115.2	28.19	137.4	35.29	159.7	43.30	171.0	47.77	182.5	52.50	204.6	57.69	209.9	59.48
	46	108.1	31.37	128.8	39.74	149.5	48.79	160.4	53.16	171.0	59.24	187.2	62.99	191.7	63.98
	48	95.7	27.40	113.9	34.76	132.2	42.65	141.8	46.44	151.4	51.86	162.5	54.51	166.4	55.07

7. Capacity Tables

Cooling Capacity (64RT)

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	106.0	11.66	127.1	13.87	147.0	16.07	157.4	17.37	168.0	18.55	188.1	21.13	209.0	23.64
	12	106.0	11.85	127.1	14.06	147.0	16.44	157.4	17.63	168.0	18.92	188.1	21.49	209.0	24.07
	14	106.0	12.03	127.1	14.23	147.0	16.72	157.4	17.90	168.0	19.20	188.1	21.96	209.0	24.51
	16	106.0	12.22	127.1	14.52	147.0	17.00	157.4	18.28	168.0	19.57	188.1	22.31	209.0	25.04
	18	106.0	12.41	127.1	14.80	147.0	17.37	157.4	18.64	168.0	19.93	188.1	22.68	209.0	25.48
	20	106.0	12.59	127.1	15.07	147.0	17.63	157.4	19.02	168.0	20.39	188.1	23.24	209.0	26.46
	21	106.0	12.77	127.1	15.16	147.0	17.81	157.4	19.20	168.0	20.57	188.1	23.61	209.0	27.02
	23	106.0	12.94	127.1	15.52	147.0	18.18	157.4	19.83	168.0	21.59	188.1	25.25	209.0	28.52
	25	106.0	13.13	127.1	16.07	147.0	19.38	157.4	21.22	168.0	23.05	188.1	27.00	209.0	29.91
	27	106.0	13.87	127.1	17.18	147.0	20.67	157.4	22.49	168.0	24.60	188.1	28.84	209.0	31.77
	29	106.0	14.80	127.1	18.18	147.0	21.96	157.4	23.98	168.0	26.18	188.1	30.78	209.0	34.06
	31	106.0	15.70	127.1	19.38	147.0	23.42	157.4	25.63	168.0	27.92	188.1	32.79	209.0	36.14
	33	106.0	16.63	127.1	20.48	147.0	24.89	157.4	27.18	168.0	29.66	188.1	34.90	209.0	38.47
	35	106.0	17.53	127.1	21.87	147.0	26.46	157.4	28.94	168.0	31.59	188.1	37.20	209.0	40.79
	37	106.0	18.64	127.1	23.14	147.0	28.10	157.4	30.78	168.0	33.63	188.1	39.59	209.0	43.03
	39	106.0	19.80	127.1	24.70	147.0	30.06	157.4	33.10	168.0	36.32	188.1	42.37	209.0	46.41
	41	103.4	21.90	123.9	27.05	143.3	32.97	153.6	36.30	163.6	39.48	183.2	46.53	203.5	50.06
	43	100.8	23.83	120.7	29.47	139.9	35.96	149.7	39.59	159.7	43.11	178.7	50.84	198.5	54.13
	46	94.5	26.49	113.0	33.14	130.9	40.51	140.2	44.11	149.5	48.58	167.4	57.34	186.0	60.34
	48	83.6	23.11	100.1	28.95	115.8	35.40	124.1	38.53	132.2	42.50	148.2	50.16	164.6	52.21
60	10	90.9	10.09	108.5	11.84	126.1	13.75	135.0	14.74	143.8	15.67	161.6	17.77	179.2	19.89
	12	90.9	10.27	108.5	11.99	126.1	13.93	135.0	14.93	143.8	15.96	161.6	18.05	179.2	20.25
	14	90.9	10.37	108.5	12.18	126.1	14.21	135.0	15.21	143.8	16.21	161.6	18.42	179.2	20.61
	16	90.9	10.53	108.5	12.47	126.1	14.39	135.0	15.49	143.8	16.59	161.6	18.80	179.2	20.99
	18	90.9	10.72	108.5	12.64	126.1	14.66	135.0	15.77	143.8	16.87	161.6	19.05	179.2	21.45
	20	90.9	10.90	108.5	12.83	126.1	14.93	135.0	16.03	143.8	17.14	161.6	19.43	179.2	21.90
	21	90.9	11.00	108.5	12.93	126.1	15.12	135.0	16.21	143.8	17.33	161.6	19.71	179.2	22.08
	23	90.9	11.18	108.5	13.21	126.1	15.31	135.0	16.49	143.8	17.68	161.6	20.43	179.2	23.45
	25	90.9	11.37	108.5	13.46	126.1	15.96	135.0	17.33	143.8	18.80	161.6	21.81	179.2	25.11
	27	90.9	11.74	108.5	14.21	126.1	16.95	135.0	18.42	143.8	19.98	161.6	23.18	179.2	26.77
	29	90.9	12.47	108.5	15.12	126.1	18.05	135.0	19.62	143.8	21.26	161.6	24.74	179.2	28.58
	31	90.9	13.21	108.5	16.03	126.1	19.15	135.0	20.90	143.8	22.64	161.6	26.39	179.2	30.43
	33	90.9	13.93	108.5	16.95	126.1	20.34	135.0	22.17	143.8	24.10	161.6	28.05	179.2	32.45
	35	90.9	14.74	108.5	18.05	126.1	21.62	135.0	23.55	143.8	25.57	161.6	29.88	179.2	34.45
	37	90.9	15.58	108.5	19.05	126.1	22.92	135.0	25.02	143.8	27.13	161.6	31.71	179.2	36.66
	39	90.9	16.56	108.5	20.30	126.1	24.73	135.0	26.83	143.8	29.19	161.6	34.01	179.2	39.29
	41	88.3	17.96	105.6	22.21	122.9	26.86	131.6	29.32	140.1	31.69	157.4	37.32	174.7	42.69
	43	86.4	19.52	103.0	24.17	120.0	29.27	128.4	31.95	136.7	34.55	153.6	40.73	170.2	46.63
	46	81.0	21.87	96.6	27.14	112.4	32.92	120.3	35.92	128.0	38.88	143.8	45.89	159.7	53.12
	48	71.6	19.05	85.5	23.68	99.4	28.77	106.3	31.36	113.3	33.98	127.3	40.13	141.2	46.48
50	10	75.9	8.68	90.9	10.06	105.3	11.42	112.6	12.26	119.7	12.99	134.1	14.62	149.5	16.28
	12	75.9	8.78	90.9	10.16	105.3	11.61	112.6	12.42	119.7	13.26	134.1	14.91	149.5	16.55
	14	75.9	8.87	90.9	10.34	105.3	11.79	112.6	12.61	119.7	13.43	134.1	15.09	149.5	16.82
	16	75.9	9.05	90.9	10.51	105.3	11.98	112.6	12.89	119.7	13.62	134.1	15.37	149.5	17.11
	18	75.9	9.15	90.9	10.60	105.3	12.17	112.6	13.08	119.7	13.89	134.1	15.63	149.5	17.45
	20	75.9	9.24	90.9	10.79	105.3	12.42	112.6	13.26	119.7	14.18	134.1	15.92	149.5	17.83
	21	75.9	9.34	90.9	10.88	105.3	12.52	112.6	13.43	119.7	14.27	134.1	16.09	149.5	18.02
	23	75.9	9.51	90.9	11.06	105.3	12.71	112.6	13.62	119.7	14.54	134.1	16.38	149.5	18.37
	25	75.9	9.59	90.9	11.25	105.3	12.99	112.6	13.89	119.7	15.00	134.1	17.20	149.5	19.65
	27	75.9	9.78	90.9	11.61	105.3	13.72	112.6	14.81	119.7	15.92	134.1	18.37	149.5	20.95
	29	75.9	10.34	90.9	12.36	105.3	14.54	112.6	15.73	119.7	16.92	134.1	19.47	149.5	22.23
	31	75.9	10.88	90.9	13.08	105.3	15.44	112.6	16.64	119.7	18.02	134.1	20.76	149.5	23.68
	33	75.9	11.52	90.9	13.81	105.3	16.38	112.6	17.64	119.7	19.12	134.1	22.04	149.5	25.24
	35	75.9	12.17	90.9	14.62	105.3	17.29	112.6	18.75	119.7	20.22	134.1	23.31	149.5	26.79
	37	75.9	12.89	90.9	15.44	105.3	18.29	112.6	19.84	119.7	21.39	134.1	24.87	149.5	28.43
	39	75.9	13.74	90.9	16.57	105.3	19.59	112.6	21.35	119.7	22.96	134.1	26.48	149.5	30.72
	41	74.0	14.87	88.3	17.93	102.4	21.41	109.7	23.14	116.8	24.87	130.9	29.03	145.6	33.37
	43	72.1	16.17	86.4	19.50	100.2	23.31	106.9	25.18	113.9	27.08	127.5	31.67	142.1	36.39
	46	67.6	18.10	81.0	21.89	93.8	26.16	100.2	28.30	106.6	30.41	119.4	35.63	133.1	40.97
	48	59.9	15.78	71.6	19.08	82.9	22.81	88.7	24.68	94.4	26.54	105.6	31.13	117.7	35.82

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

◆ ARUV795BTE5 / ARUV795DTE5

Cooling Capacity (66RT)

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	229.9	25.79	273.7	31.52	293.5	36.59	301.8	37.32	310.4	37.62	325.2	37.92	333.5	38.08
	12	229.9	26.45	273.7	32.66	293.5	38.08	301.8	38.33	310.4	38.65	325.2	38.94	333.5	39.29
	14	229.9	27.33	273.7	33.84	293.5	39.51	301.8	39.79	310.4	40.13	325.2	40.45	333.5	40.80
	16	229.9	28.32	273.7	35.03	293.5	41.28	301.8	41.66	310.4	42.01	325.2	42.38	333.5	42.71
	18	229.9	29.52	273.7	37.03	293.5	43.18	301.8	44.12	310.4	44.47	325.2	44.91	333.5	45.21
	20	229.9	30.82	273.7	39.47	293.5	45.30	301.8	48.53	310.4	48.91	320.5	49.39	328.9	49.74
	21	229.9	31.61	273.7	40.86	293.5	46.25	301.8	51.34	310.4	51.76	318.6	52.27	327.1	52.64
	23	229.9	33.93	273.7	42.98	293.5	48.66	301.8	56.67	306.4	57.11	314.0	57.68	322.3	58.07
	25	229.9	36.24	273.7	45.45	293.5	52.01	298.1	62.84	301.8	63.35	310.4	63.96	318.6	64.40
	27	229.9	38.78	273.7	48.59	289.8	55.40	293.5	69.18	298.1	69.73	306.4	70.42	314.0	70.90
	29	229.9	41.31	273.7	51.95	284.9	59.61	289.2	76.03	293.5	76.47	301.8	77.17	310.4	77.48
	31	229.9	44.09	273.0	54.71	280.3	63.41	284.9	75.70	289.2	76.16	297.2	76.84	305.4	77.13
	33	229.9	46.97	268.1	57.97	276.6	68.01	281.0	75.02	284.9	75.46	293.5	76.14	300.8	76.44
	35	229.9	50.09	263.5	60.71	271.7	73.68	276.6	74.03	281.0	74.47	288.6	75.14	297.2	75.45
	37	229.9	53.41	259.8	63.70	268.1	72.70	271.7	73.05	276.6	73.49	284.2	74.16	292.6	74.45
	39	229.9	56.87	255.2	67.06	263.5	71.72	268.1	72.10	271.7	72.51	280.3	73.17	288.6	73.46
	41	223.9	60.34	244.6	70.41	252.8	70.74	256.5	71.11	261.6	71.53	269.5	72.17	276.7	72.45
	43	218.5	63.63	234.3	69.43	242.4	69.78	246.2	70.13	251.2	70.54	258.9	71.18	265.8	71.46
	46	204.7	68.11	213.9	67.98	221.5	68.32	225.1	68.65	229.7	69.06	237.0	69.69	243.4	69.97
	48	181.2	66.20	185.6	66.42	192.5	66.55	195.8	66.74	199.8	67.31	206.3	67.73	212.0	68.01
120	10	208.0	23.22	247.3	28.45	270.4	33.82	278.6	36.55	286.9	37.12	302.4	37.29	309.7	37.57
	12	208.0	23.85	247.3	29.43	270.4	35.19	278.6	37.32	286.9	38.50	302.4	38.96	309.7	39.28
	14	208.0	24.65	247.3	30.42	270.4	36.59	278.6	38.74	286.9	39.91	302.4	40.51	309.7	40.83
	16	208.0	25.53	247.3	31.67	270.4	38.01	278.6	40.19	286.9	41.75	302.4	42.26	309.7	42.60
	18	208.0	26.54	247.3	33.10	270.4	39.53	278.6	42.29	286.9	43.90	302.4	44.40	309.7	44.76
	20	208.0	27.56	247.3	35.09	270.4	41.66	278.6	44.51	286.9	46.22	302.4	46.82	309.7	47.21
	21	208.0	28.38	247.3	36.36	270.4	42.83	278.6	45.83	286.9	47.74	302.4	48.35	309.7	48.75
	23	208.0	30.35	247.3	38.90	270.4	45.90	278.6	48.69	286.9	50.90	302.4	51.41	309.7	51.82
	25	208.0	32.44	247.3	41.66	270.4	48.40	278.6	51.91	286.9	54.58	298.8	55.05	306.0	55.49
	27	208.0	34.62	247.3	44.54	270.4	51.51	278.6	55.46	286.9	58.67	294.1	59.05	301.4	59.52
	29	208.0	36.94	247.3	47.54	270.4	54.20	278.6	59.35	282.2	62.53	289.5	63.45	297.8	63.96
	31	208.0	39.35	247.3	50.78	270.4	57.02	275.0	63.58	278.6	67.06	285.9	68.26	293.2	68.80
	33	208.0	41.90	247.3	54.13	266.7	60.31	270.4	69.02	273.9	72.00	281.3	72.83	288.6	73.40
	35	208.0	44.54	247.3	57.71	262.1	63.83	265.7	76.03	270.4	76.40	277.7	76.63	284.9	77.24
	37	208.0	47.92	247.3	60.89	258.3	68.04	262.1	74.43	265.7	74.80	273.0	75.02	280.3	75.61
	39	208.0	51.58	246.6	64.36	253.9	72.19	257.4	72.89	261.1	73.27	269.5	73.49	276.7	74.06
	41	202.7	55.25	235.7	67.82	243.7	70.76	247.0	71.37	250.6	71.72	257.9	71.94	265.4	72.51
	43	197.8	58.98	225.8	66.84	233.7	69.18	237.0	69.84	240.6	70.19	247.7	70.39	254.8	70.96
	46	185.2	63.41	205.9	65.25	213.4	66.99	216.5	67.54	219.8	67.89	226.4	68.08	233.2	68.62
	48	163.9	62.12	178.9	64.09	185.5	65.69	188.3	66.08	191.2	66.30	197.1	66.55	203.0	66.83
110	10	186.3	20.87	222.2	25.44	248.2	30.22	255.2	32.72	271.4	35.22	277.7	36.18	296.5	36.78
	12	186.3	21.53	222.2	26.30	248.2	31.48	255.2	33.64	271.4	36.53	277.7	37.70	296.5	38.58
	14	186.3	22.21	222.2	27.50	248.2	32.91	255.2	35.31	271.4	38.37	277.7	39.47	296.5	40.30
	16	186.3	23.00	222.2	28.49	248.2	34.27	255.2	36.85	271.4	40.14	277.7	41.24	296.5	41.97
	18	186.3	23.85	222.2	29.68	248.2	36.24	255.2	38.80	271.4	42.34	277.7	43.18	296.5	43.99
	20	186.3	24.71	222.2	31.17	248.2	38.43	255.2	40.58	271.4	44.40	277.7	45.49	296.5	46.22
	21	186.3	25.24	222.2	32.09	248.2	39.42	255.2	41.68	271.4	45.65	277.7	46.79	296.5	47.52
	23	186.3	26.89	222.2	34.40	248.2	41.62	255.2	44.00	271.4	48.22	277.7	49.25	296.5	50.05
	25	186.3	28.73	222.2	36.71	248.2	43.97	255.2	46.51	271.4	50.94	277.7	51.67	292.8	52.72
	27	186.3	30.70	222.2	39.24	248.2	46.47	255.2	49.23	271.4	53.19	277.7	54.42	288.6	55.34
	29	186.3	32.79	222.2	41.90	248.2	49.10	255.2	52.13	271.4	56.23	277.7	57.18	284.9	58.06
	31	186.3	34.85	222.2	44.66	248.2	51.89	255.2	55.24	267.1	59.08	274.1	60.23	280.3	60.86
	33	186.3	37.16	222.2	47.54	248.2	54.81	255.2	58.54	263.4	62.38	269.7	63.41	276.7	63.76
	35	186.3	39.47	222.2	50.78	248.2	57.90	255.2	62.03	258.9	65.83	265.1	66.46	272.4	66.77
	37	186.3	41.84	222.2	53.89	248.2	61.11	251.7	65.70	254.5	69.44	261.6	69.69	267.8	69.88
	39	186.3	45.10	222.2	57.27	243.7	64.49	247.3	70.28	250.9	72.89	257.2	73.01	264.4	73.07
	41	181.5	48.37	216.5	60.66	233.2	68.01	236.8	76.03	240.0	76.03	247.0	76.63	253.2	77.24
	43	177.1	50.79	211.0	63.19	223.5	72.12	227.2	72.92	230.1	72.76	237.0	73.18	242.9	73.39
	46	166.1	49.58	197.8	61.00	204.0	68.45	207.4	68.43	210.3	69.03	216.6	69.40	222.2	69.60
	48	146.9	48.15	172.0	58.76	177.3	65.12	180.3	65.54	182.6	65.86	188.5	66.05	193.4	66.33

7. Capacity Tables

Cooling Capacity (66RT)

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	156.8	18.79	186.5	22.85	217.2	27.11	232.1	29.30	247.0	31.48	273.9	35.03	279.9	35.32
	12	156.8	19.39	186.5	23.79	217.2	28.03	232.1	30.09	247.0	32.47	273.9	36.91	279.9	37.29
	14	156.8	20.02	186.5	24.74	217.2	29.21	232.1	31.39	247.0	33.87	273.9	38.99	279.9	39.35
	16	156.8	20.62	186.5	25.56	217.2	30.45	232.1	32.88	247.0	35.71	273.9	40.87	279.9	41.44
	18	156.8	21.22	186.5	26.51	217.2	31.64	232.1	34.46	247.0	37.86	273.9	43.17	279.9	43.52
	20	156.8	21.99	186.5	27.50	217.2	33.47	232.1	36.94	247.0	40.51	273.9	45.24	279.9	45.61
	21	156.8	22.43	186.5	28.16	217.2	34.62	232.1	38.20	247.0	42.01	273.9	46.28	279.9	46.66
	23	156.8	23.79	186.5	30.12	217.2	37.16	232.1	40.96	247.0	45.01	273.9	48.46	279.9	48.84
	25	156.8	25.28	186.5	32.09	217.2	39.69	232.1	43.85	247.0	48.12	273.9	50.53	277.6	50.94
	27	156.8	27.02	186.5	34.28	217.2	42.47	232.1	46.86	247.0	51.16	268.4	52.90	274.3	53.32
	29	156.8	28.73	186.5	36.59	217.2	45.36	232.1	50.09	247.0	54.17	263.5	55.03	270.1	55.47
	31	156.8	30.70	186.5	39.00	217.2	48.37	232.1	53.44	247.0	56.89	259.6	57.17	265.8	57.62
	33	156.8	32.53	186.5	41.55	217.2	51.60	232.1	57.02	247.0	59.04	255.5	59.30	261.8	59.77
	35	156.8	34.62	186.5	44.19	217.2	54.93	232.1	60.82	243.3	61.19	250.8	61.42	257.2	61.92
	37	156.8	37.09	186.5	47.41	217.2	58.19	232.1	63.71	239.3	64.02	246.2	64.27	251.9	64.88
	39	156.8	39.75	186.5	50.94	217.2	61.67	232.1	66.83	235.4	67.12	242.2	67.38	247.9	68.01
	41	154.2	42.42	183.5	54.45	213.6	65.13	222.8	69.95	227.5	70.23	233.0	70.48	240.4	71.12
	43	148.9	44.91	177.3	57.72	206.4	68.26	213.6	72.61	216.0	72.89	222.6	73.11	228.5	73.81
	46	139.6	48.31	166.1	62.22	193.4	72.39	195.1	76.03	197.1	76.25	203.3	76.47	209.0	77.20
	48	123.4	41.70	146.9	53.84	167.0	61.89	169.4	64.50	171.3	64.72	176.9	64.87	181.6	65.38
90	10	141.0	16.37	168.3	19.68	195.8	23.21	209.0	25.01	222.2	26.92	249.5	30.12	277.0	33.51
	12	141.0	16.57	168.3	19.99	195.8	23.61	209.0	25.52	222.2	27.52	249.5	30.73	277.0	34.09
	14	141.0	16.88	168.3	20.38	195.8	24.10	209.0	26.03	222.2	28.02	249.5	31.33	277.0	34.79
	16	141.0	17.17	168.3	20.79	195.8	24.60	209.0	26.51	222.2	28.53	249.5	31.93	277.0	35.39
	18	141.0	17.49	168.3	21.20	195.8	25.01	209.0	27.11	222.2	29.14	249.5	32.61	277.0	37.17
	20	141.0	17.78	168.3	21.59	195.8	25.52	209.0	27.62	222.2	30.22	249.5	34.91	277.0	38.94
	21	141.0	17.98	168.3	21.80	195.8	26.03	209.0	28.53	222.2	31.33	249.5	35.46	277.0	39.84
	23	141.0	18.38	168.3	22.70	195.8	27.82	209.0	30.63	222.2	33.55	249.5	37.62	273.0	41.71
	25	141.0	19.30	168.3	24.22	195.8	29.74	209.0	32.76	222.2	35.87	249.5	40.22	269.1	43.49
	27	141.0	20.60	168.3	25.81	195.8	31.74	209.0	34.95	222.2	38.37	249.5	42.76	265.1	45.52
	29	141.0	21.80	168.3	27.52	195.8	33.94	209.0	37.36	222.2	40.97	249.5	45.30	261.2	47.37
	31	141.0	23.21	168.3	29.33	195.8	36.16	209.0	39.78	222.2	43.68	249.5	47.55	257.2	49.20
	33	141.0	24.70	168.3	31.24	195.8	38.57	209.0	42.38	222.2	46.35	249.5	49.86	253.3	51.04
	35	141.0	26.21	168.3	33.14	195.8	40.97	209.0	45.20	222.2	49.14	245.3	52.72	249.3	53.92
	37	141.0	27.82	168.3	35.26	195.8	43.70	209.0	48.03	222.2	51.87	241.3	55.11	245.3	56.34
	39	141.0	29.46	168.3	37.49	195.8	46.25	209.0	51.10	222.2	54.54	237.4	58.09	241.4	58.79
	41	137.3	32.96	164.1	41.58	190.5	50.76	203.7	55.87	216.5	58.89	227.5	61.23	231.4	62.63
	43	134.0	35.58	159.9	44.92	185.9	55.45	198.5	60.18	211.0	63.14	218.0	65.55	222.0	66.37
	46	125.4	40.06	149.9	51.16	174.3	63.17	185.9	68.22	191.8	70.15	199.1	71.97	202.8	72.08
	48	110.9	35.01	132.7	44.76	154.2	55.27	164.5	59.52	166.7	60.45	173.0	61.95	176.3	62.02
80	10	125.2	13.77	149.2	16.56	173.3	19.41	185.6	20.94	198.1	22.48	222.2	25.64	246.2	27.83
	12	125.2	14.06	149.2	16.74	173.3	19.80	185.6	21.32	198.1	22.86	222.2	26.10	246.2	28.37
	14	125.2	14.25	149.2	17.13	173.3	20.08	185.6	21.71	198.1	23.25	222.2	26.58	246.2	28.94
	16	125.2	14.44	149.2	17.42	173.3	20.46	185.6	22.09	198.1	23.72	222.2	27.16	246.2	29.49
	18	125.2	14.73	149.2	17.70	173.3	20.85	185.6	22.48	198.1	24.20	222.2	27.64	246.2	30.13
	20	125.2	15.02	149.2	18.08	173.3	21.32	185.6	22.95	198.1	24.69	222.2	28.69	246.2	31.92
	21	125.2	15.11	149.2	18.28	173.3	21.52	185.6	23.25	198.1	25.26	222.2	29.60	246.2	32.77
	23	125.2	15.40	149.2	18.55	173.3	22.48	185.6	24.69	198.1	26.96	222.2	31.25	246.2	34.39
	25	125.2	15.97	149.2	19.80	173.3	24.11	185.6	26.39	198.1	28.89	222.2	33.45	246.2	36.76
	27	125.2	16.94	149.2	21.04	173.3	25.74	185.6	28.21	198.1	30.81	222.2	35.54	246.2	38.68
	29	125.2	17.99	149.2	22.48	173.3	27.35	185.6	30.04	198.1	32.91	222.2	38.08	246.2	41.40
	31	125.2	19.12	149.2	23.82	173.3	29.18	185.6	32.05	198.1	35.00	222.2	40.41	246.2	43.48
	33	125.2	20.27	149.2	25.45	173.3	31.09	185.6	34.14	198.1	37.31	222.2	42.59	246.2	45.59
	35	125.2	21.52	149.2	26.96	173.3	33.10	185.6	36.34	198.1	39.80	222.2	45.15	243.6	47.24
	37	125.2	22.77	149.2	28.69	173.3	35.10	185.6	38.65	198.1	42.27	222.2	47.64	239.6	49.38
	39	125.2	24.05	149.2	30.32	173.3	37.55	185.6	41.54	198.1	45.44	222.2	50.34	235.7	52.10
	41	121.9	26.61	145.3	33.59	168.7	41.21	180.9	45.54	193.1	49.92	216.5	56.01	225.8	57.74
	43	118.9	29.30	141.7	36.67	164.7	44.99	176.4	49.64	188.3	54.56	211.0	59.94	216.5	61.80
	46	111.5	32.60	132.8	41.30	154.2	50.69	165.4	55.24	176.4	61.55	193.1	65.45	197.7	66.48
	48	98.7	28.47	117.5	36.12	136.4	44.32	146.3	48.25	156.2	53.89	167.7	56.64	171.6	57.22

7. Capacity Tables

Cooling Capacity (66RT)

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	109.3	12.14	131.1	14.44	151.6	16.73	162.4	18.09	173.3	19.32	194.1	22.00	215.6	24.62
	12	109.3	12.34	131.1	14.64	151.6	17.12	162.4	18.36	173.3	19.70	194.1	22.38	215.6	25.07
	14	109.3	12.53	131.1	14.82	151.6	17.41	162.4	18.64	173.3	19.99	194.1	22.87	215.6	25.52
	16	109.3	12.73	131.1	15.12	151.6	17.70	162.4	19.03	173.3	20.38	194.1	23.24	215.6	26.07
	18	109.3	12.92	131.1	15.41	151.6	18.09	162.4	19.41	173.3	20.75	194.1	23.62	215.6	26.53
	20	109.3	13.11	131.1	15.70	151.6	18.36	162.4	19.80	173.3	21.23	194.1	24.20	215.6	27.55
	21	109.3	13.30	131.1	15.79	151.6	18.55	162.4	19.99	173.3	21.42	194.1	24.58	215.6	28.14
	23	109.3	13.48	131.1	16.16	151.6	18.93	162.4	20.65	173.3	22.49	194.1	26.30	215.6	29.70
	25	109.3	13.67	131.1	16.73	151.6	20.18	162.4	22.10	173.3	24.01	194.1	28.11	215.6	31.15
	27	109.3	14.44	131.1	17.89	151.6	21.52	162.4	23.42	173.3	25.62	194.1	30.04	215.6	33.09
	29	109.3	15.41	131.1	18.93	151.6	22.87	162.4	24.97	173.3	27.26	194.1	32.05	215.6	35.46
	31	109.3	16.35	131.1	20.18	151.6	24.39	162.4	26.69	173.3	29.07	194.1	34.14	215.6	37.63
	33	109.3	17.32	131.1	21.32	151.6	25.92	162.4	28.30	173.3	30.89	194.1	36.34	215.6	40.06
	35	109.3	18.25	131.1	22.77	151.6	27.55	162.4	30.14	173.3	32.89	194.1	38.74	215.6	42.48
	37	109.3	19.41	131.1	24.10	151.6	29.26	162.4	32.05	173.3	35.02	194.1	41.22	215.6	44.81
	39	109.3	20.62	131.1	25.72	151.6	31.30	162.4	34.47	173.3	37.82	194.1	44.12	215.6	48.32
	41	106.7	22.80	127.8	28.17	147.9	34.34	158.4	37.80	168.7	41.11	188.9	48.46	209.9	52.13
	43	104.0	24.82	124.5	30.69	144.3	37.44	154.5	41.22	164.7	44.90	184.3	52.94	204.8	56.37
	46	97.4	27.59	116.6	34.51	135.1	42.19	144.6	45.93	154.2	50.59	172.7	59.71	191.9	62.83
	48	86.2	24.07	103.2	30.14	119.5	36.87	128.0	40.12	136.4	44.26	152.9	52.24	169.8	54.37
60	10	93.7	10.53	111.9	12.35	130.1	14.35	139.3	15.39	148.3	16.35	166.7	18.55	184.8	20.76
	12	93.7	10.71	111.9	12.52	130.1	14.53	139.3	15.58	148.3	16.65	166.7	18.84	184.8	21.13
	14	93.7	10.82	111.9	12.71	130.1	14.83	139.3	15.87	148.3	16.92	166.7	19.23	184.8	21.51
	16	93.7	10.99	111.9	13.01	130.1	15.02	139.3	16.17	148.3	17.31	166.7	19.62	184.8	21.90
	18	93.7	11.19	111.9	13.19	130.1	15.29	139.3	16.46	148.3	17.60	166.7	19.89	184.8	22.39
	20	93.7	11.37	111.9	13.39	130.1	15.58	139.3	16.73	148.3	17.89	166.7	20.28	184.8	22.85
	21	93.7	11.48	111.9	13.49	130.1	15.78	139.3	16.92	148.3	18.08	166.7	20.56	184.8	23.04
	23	93.7	11.67	111.9	13.78	130.1	15.97	139.3	17.21	148.3	18.45	166.7	21.32	184.8	24.48
	25	93.7	11.87	111.9	14.05	130.1	16.65	139.3	18.08	148.3	19.62	166.7	22.76	184.8	26.20
	27	93.7	12.25	111.9	14.83	130.1	17.69	139.3	19.23	148.3	20.85	166.7	24.19	184.8	27.93
	29	93.7	13.01	111.9	15.78	130.1	18.84	139.3	20.47	148.3	22.19	166.7	25.81	184.8	29.83
	31	93.7	13.78	111.9	16.73	130.1	19.99	139.3	21.81	148.3	23.63	166.7	27.54	184.8	31.75
	33	93.7	14.53	111.9	17.69	130.1	21.22	139.3	23.14	148.3	25.15	166.7	29.27	184.8	33.86
	35	93.7	15.39	111.9	18.84	130.1	22.56	139.3	24.58	148.3	26.69	166.7	31.19	184.8	35.95
	37	93.7	16.26	111.9	19.88	130.1	23.92	139.3	26.11	148.3	28.31	166.7	33.09	184.8	38.26
	39	93.7	17.28	111.9	21.18	130.1	25.81	139.3	28.00	148.3	30.47	166.7	35.49	184.8	41.00
	41	91.1	18.74	108.9	23.17	126.8	28.03	135.7	30.60	144.6	33.07	162.4	38.95	180.2	44.55
	43	89.1	20.37	106.3	25.22	123.8	30.55	132.4	33.34	141.0	36.06	158.4	42.51	175.6	48.66
	46	83.5	22.82	99.7	28.33	115.9	34.35	124.1	37.48	132.1	40.58	148.3	47.89	164.7	55.44
	48	73.9	19.88	88.2	24.71	102.6	30.02	109.6	32.73	116.9	35.46	131.3	41.88	145.6	48.50
50	10	78.3	9.08	93.7	10.52	108.6	11.94	116.2	12.82	123.5	13.58	138.4	15.29	154.2	17.03
	12	78.3	9.18	93.7	10.62	108.6	12.14	116.2	12.99	123.5	13.87	138.4	15.59	154.2	17.31
	14	78.3	9.27	93.7	10.82	108.6	12.33	116.2	13.19	123.5	14.05	138.4	15.78	154.2	17.59
	16	78.3	9.47	93.7	10.99	108.6	12.53	116.2	13.48	123.5	14.24	138.4	16.08	154.2	17.89
	18	78.3	9.57	93.7	11.09	108.6	12.73	116.2	13.67	123.5	14.53	138.4	16.35	154.2	18.25
	20	78.3	9.66	93.7	11.28	108.6	12.99	116.2	13.87	123.5	14.83	138.4	16.64	154.2	18.65
	21	78.3	9.77	93.7	11.38	108.6	13.10	116.2	14.05	123.5	14.92	138.4	16.83	154.2	18.84
	23	78.3	9.94	93.7	11.57	108.6	13.29	116.2	14.24	123.5	15.20	138.4	17.13	154.2	19.21
	25	78.3	10.03	93.7	11.77	108.6	13.58	116.2	14.53	123.5	15.69	138.4	17.99	154.2	20.55
	27	78.3	10.23	93.7	12.14	108.6	14.35	116.2	15.49	123.5	16.64	138.4	19.21	154.2	21.90
	29	78.3	10.82	93.7	12.92	108.6	15.20	116.2	16.45	123.5	17.70	138.4	20.36	154.2	23.24
	31	78.3	11.38	93.7	13.67	108.6	16.15	116.2	17.40	123.5	18.84	138.4	21.71	154.2	24.76
	33	78.3	12.05	93.7	14.44	108.6	17.13	116.2	18.45	123.5	20.00	138.4	23.05	154.2	26.40
	35	78.3	12.73	93.7	15.29	108.6	18.08	116.2	19.60	123.5	21.14	138.4	24.38	154.2	28.02
	37	78.3	13.48	93.7	16.15	108.6	19.13	116.2	20.75	123.5	22.37	138.4	26.01	154.2	29.73
	39	78.3	14.37	93.7	17.33	108.6	20.49	116.2	22.33	123.5	24.01	138.4	27.69	154.2	32.12
	41	76.3	15.55	91.1	18.75	105.7	22.40	113.1	24.20	120.5	26.01	135.0	30.36	150.2	34.89
	43	74.4	16.91	89.1	20.40	103.3	24.38	110.3	26.34	117.5	28.32	131.5	33.12	146.5	38.05
	46	69.7	18.93	83.5	22.89	96.8	27.36	103.4	29.59	110.0	31.80	123.2	37.26	137.3	42.85
	48	61.8	16.50	73.9	19.96	85.6	23.85	91.5	25.81	97.4	27.76	109.0	32.56	121.5	37.46

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

◆ ARUV819BTE5 / ARUV819DTE5

Cooling Capacity (68RT)

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	236.8	26.48	282.0	32.37	302.3	37.57	310.9	38.32	319.7	38.63	335.0	38.94	343.6	39.10
	12	236.8	27.16	282.0	33.53	302.3	39.10	310.9	39.35	319.7	39.68	335.0	39.98	343.6	40.34
	14	236.8	28.06	282.0	34.75	302.3	40.57	310.9	40.86	319.7	41.20	335.0	41.53	343.6	41.89
	16	236.8	29.08	282.0	35.97	302.3	42.39	310.9	42.78	319.7	43.13	335.0	43.52	343.6	43.85
	18	236.8	30.31	282.0	38.03	302.3	44.33	310.9	45.30	319.7	45.66	335.0	46.11	343.6	46.42
	20	236.8	31.64	282.0	40.52	302.3	46.52	310.9	49.83	319.7	50.22	330.2	50.71	338.8	51.07
	21	236.8	32.46	282.0	41.96	302.3	47.49	310.9	52.72	319.7	53.14	328.2	53.67	337.0	54.05
	23	236.8	34.84	282.0	44.13	302.3	49.97	310.9	58.19	315.6	58.64	323.4	59.23	332.0	59.63
	25	236.8	37.21	282.0	46.67	302.3	53.41	307.1	64.53	310.9	65.04	319.7	65.67	328.2	66.13
	27	236.8	39.82	282.0	49.89	298.5	56.89	302.3	71.04	307.1	71.60	315.6	72.30	323.4	72.80
	29	236.8	42.42	282.0	53.34	293.5	61.21	298.0	78.07	302.3	78.52	310.9	79.24	319.7	79.55
	31	236.8	45.27	281.2	56.18	288.7	65.11	293.5	77.73	298.0	78.20	306.1	78.90	314.6	79.20
	33	236.8	48.23	276.2	59.52	284.9	69.84	289.5	77.03	293.5	77.48	302.3	78.18	309.8	78.49
	35	236.8	51.43	271.5	62.34	279.9	75.65	284.9	76.02	289.5	76.47	297.3	77.15	306.1	77.48
	37	236.8	54.84	267.6	65.41	276.2	74.64	279.9	75.01	284.9	75.46	292.8	76.15	301.4	76.44
	39	236.8	58.39	262.9	68.86	271.5	73.65	276.2	74.03	279.9	74.46	288.7	75.13	297.3	75.43
	41	230.7	61.96	252.0	72.30	260.4	72.64	264.3	73.02	269.4	73.45	277.6	74.10	285.1	74.39
	43	225.1	65.34	241.4	71.29	249.7	71.65	253.6	72.01	258.8	72.44	266.7	73.09	273.8	73.38
	46	210.8	69.93	220.3	69.80	228.2	70.16	231.9	70.49	236.6	70.91	244.1	71.56	250.7	71.85
	48	186.7	67.98	191.2	68.20	198.3	68.34	201.7	68.53	205.8	69.12	212.6	69.55	218.4	69.84
120	10	214.2	23.84	254.8	29.21	278.5	34.73	287.0	37.53	295.5	38.12	311.6	38.28	319.1	38.58
	12	214.2	24.49	254.8	30.22	278.5	36.13	287.0	38.32	295.5	39.53	311.6	40.01	319.1	40.34
	14	214.2	25.31	254.8	31.23	278.5	37.57	287.0	39.78	295.5	40.98	311.6	41.60	319.1	41.92
	16	214.2	26.22	254.8	32.52	278.5	39.03	287.0	41.27	295.5	42.87	311.6	43.39	319.1	43.75
	18	214.2	27.25	254.8	33.98	278.5	40.59	287.0	43.43	295.5	45.08	311.6	45.59	319.1	45.95
	20	214.2	28.30	254.8	36.03	278.5	42.77	287.0	45.70	295.5	47.46	311.6	48.08	319.1	48.47
	21	214.2	29.14	254.8	37.34	278.5	43.97	287.0	47.06	295.5	49.02	311.6	49.64	319.1	50.05
	23	214.2	31.17	254.8	39.94	278.5	47.13	287.0	49.99	295.5	52.27	311.6	52.79	319.1	53.21
	25	214.2	33.31	254.8	42.78	278.5	49.70	287.0	53.30	295.5	56.05	307.8	56.52	315.3	56.98
	27	214.2	35.55	254.8	45.73	278.5	52.89	287.0	56.95	295.5	60.24	303.0	60.63	310.5	61.12
	29	214.2	37.93	254.8	48.82	278.5	55.65	287.0	60.94	290.8	64.20	298.3	65.15	306.8	65.67
	31	214.2	40.41	254.8	52.14	278.5	58.55	283.3	65.29	287.0	68.86	294.6	70.09	302.0	70.65
	33	214.2	43.02	254.8	55.58	274.7	61.93	278.5	70.87	282.2	73.93	289.8	74.78	297.3	75.37
	35	214.2	45.73	254.8	59.25	270.0	65.54	273.8	78.07	278.5	78.45	286.0	78.68	293.5	79.31
	37	214.2	49.20	254.8	62.52	266.1	69.87	270.0	76.43	273.8	76.80	281.3	77.03	288.8	77.64
	39	214.2	52.96	254.0	66.08	261.5	74.12	265.2	74.85	269.0	75.23	277.6	75.45	285.1	76.04
	41	208.8	56.73	242.8	69.64	251.1	72.66	254.5	73.29	258.2	73.65	265.7	73.87	273.4	74.46
	43	203.7	60.56	232.6	68.63	240.7	71.03	244.1	71.71	247.9	72.07	255.1	72.28	262.5	72.86
	46	190.8	65.11	212.2	67.00	219.8	68.79	223.1	69.35	226.5	69.70	233.3	69.91	240.2	70.45
	48	168.8	63.78	184.3	65.81	191.1	67.45	193.9	67.86	196.9	68.08	203.0	68.34	209.2	68.63
110	10	191.9	21.43	228.9	26.12	255.7	31.03	262.9	33.60	279.6	36.17	286.0	37.15	305.5	37.77
	12	191.9	22.11	228.9	27.00	255.7	32.32	262.9	34.55	279.6	37.50	286.0	38.71	305.5	39.62
	14	191.9	22.80	228.9	28.23	255.7	33.79	262.9	36.26	279.6	39.39	286.0	40.52	305.5	41.38
	16	191.9	23.61	228.9	29.25	255.7	35.19	262.9	37.84	279.6	41.22	286.0	42.35	305.5	43.09
	18	191.9	24.49	228.9	30.47	255.7	37.21	262.9	39.84	279.6	43.48	286.0	44.33	305.5	45.17
	20	191.9	25.37	228.9	32.00	255.7	39.46	262.9	41.67	279.6	45.59	286.0	46.71	305.5	47.46
	21	191.9	25.92	228.9	32.95	255.7	40.47	262.9	42.80	279.6	46.87	286.0	48.04	305.5	48.79
	23	191.9	27.61	228.9	35.32	255.7	42.73	262.9	45.18	279.6	49.51	286.0	50.57	305.5	51.39
	25	191.9	29.50	228.9	37.70	255.7	45.14	262.9	47.75	279.6	52.30	286.0	53.05	301.7	54.13
	27	191.9	31.52	228.9	40.30	255.7	47.71	262.9	50.55	279.6	54.61	286.0	55.87	297.3	56.82
	29	191.9	33.66	228.9	43.02	255.7	50.42	262.9	53.53	279.6	57.73	286.0	58.71	293.5	59.61
	31	191.9	35.79	228.9	45.86	255.7	53.28	262.9	56.72	275.1	60.66	282.4	61.84	288.8	62.49
	33	191.9	38.16	228.9	48.82	255.7	56.28	262.9	60.11	271.3	64.05	277.8	65.11	285.1	65.47
	35	191.9	40.52	228.9	52.14	255.7	59.45	262.9	63.69	266.7	67.59	273.1	68.24	280.6	68.56
	37	191.9	42.96	228.9	55.33	255.7	62.75	259.3	67.46	262.2	71.30	269.4	71.55	275.8	71.75
	39	191.9	46.31	228.9	58.80	251.1	66.22	254.7	72.17	258.4	74.84	264.9	74.96	272.4	75.03
	41	187.0	49.67	223.0	62.29	240.2	69.84	243.9	78.07	247.2	78.07	254.5	78.68	260.8	79.31
	43	182.4	52.15	217.4	64.88	230.3	74.06	234.1	74.87	237.1	74.71	244.1	75.14	250.3	75.36
	46	171.1	50.91	203.8	62.64	210.1	70.29	213.7	70.27	216.6	70.88	223.2	71.26	228.9	71.46
	48	151.3	49.44	177.2	60.33	182.6	66.87	185.8	67.30	188.1	67.63	194.2	67.82	199.2	68.10

7. Capacity Tables

Cooling Capacity (68RT)

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	161.5	19.29	192.2	23.46	223.7	27.84	239.1	30.08	254.5	32.32	282.2	35.97	288.3	36.26
	12	161.5	19.91	192.2	24.43	223.7	28.78	239.1	30.90	254.5	33.34	282.2	37.90	288.3	38.29
	14	161.5	20.55	192.2	25.40	223.7	29.99	239.1	32.23	254.5	34.78	282.2	40.03	288.3	40.40
	16	161.5	21.17	192.2	26.25	223.7	31.26	239.1	33.76	254.5	36.66	282.2	41.96	288.3	42.55
	18	161.5	21.79	192.2	27.22	223.7	32.49	239.1	35.39	254.5	38.87	282.2	44.33	288.3	44.69
	20	161.5	22.58	192.2	28.24	223.7	34.37	239.1	37.93	254.5	41.60	282.2	46.45	288.3	46.83
	21	161.5	23.03	192.2	28.91	223.7	35.55	239.1	39.22	254.5	43.13	282.2	47.52	288.3	47.91
	23	161.5	24.42	192.2	30.93	223.7	38.16	239.1	42.06	254.5	46.22	282.2	49.76	288.3	50.15
	25	161.5	25.96	192.2	32.95	223.7	40.75	239.1	45.03	254.5	49.41	282.2	51.88	286.0	52.30
	27	161.5	27.74	192.2	35.20	223.7	43.61	239.1	48.11	254.5	52.53	276.5	54.32	282.6	54.75
	29	161.5	29.50	192.2	37.57	223.7	46.58	239.1	51.43	254.5	55.62	271.5	56.50	278.3	56.95
	31	161.5	31.52	192.2	40.05	223.7	49.67	239.1	54.87	254.5	58.42	267.4	58.71	273.8	59.16
	33	161.5	33.41	192.2	42.67	223.7	52.98	239.1	58.55	254.5	60.63	263.2	60.89	269.7	61.37
	35	161.5	35.55	192.2	45.37	223.7	56.41	239.1	62.45	250.6	62.83	258.4	63.06	264.9	63.58
	37	161.5	38.08	192.2	48.68	223.7	59.75	239.1	65.42	246.5	65.74	253.6	66.00	259.5	66.62
	39	161.5	40.82	192.2	52.30	223.7	63.33	239.1	68.63	242.5	68.92	249.6	69.19	255.4	69.84
	41	158.9	43.56	189.1	55.91	220.1	66.87	229.5	71.82	234.4	72.11	240.0	72.37	247.7	73.02
	43	153.4	46.11	182.6	59.27	212.6	70.09	220.0	74.55	222.5	74.84	229.3	75.07	235.4	75.79
	46	143.9	49.60	171.1	63.89	199.3	74.33	201.0	78.07	203.0	78.29	209.5	78.52	215.3	79.26
	48	127.2	42.82	151.4	55.29	172.0	63.55	174.5	66.23	176.5	66.46	182.2	66.61	187.0	67.14
90	10	145.2	16.76	173.4	20.14	201.7	23.75	215.3	25.60	228.9	27.55	257.0	30.82	285.3	34.30
	12	145.2	16.96	173.4	20.46	201.7	24.16	215.3	26.12	228.9	28.16	257.0	31.45	285.3	34.89
	14	145.2	17.27	173.4	20.86	201.7	24.66	215.3	26.64	228.9	28.68	257.0	32.06	285.3	35.60
	16	145.2	17.57	173.4	21.27	201.7	25.18	215.3	27.13	228.9	29.20	257.0	32.67	285.3	36.22
	18	145.2	17.90	173.4	21.70	201.7	25.60	215.3	27.75	228.9	29.82	257.0	33.37	285.3	38.04
	20	145.2	18.19	173.4	22.10	201.7	26.12	215.3	28.27	228.9	30.93	257.0	35.72	285.3	39.85
	21	145.2	18.40	173.4	22.31	201.7	26.64	215.3	29.20	228.9	32.06	257.0	36.29	285.3	40.77
	23	145.2	18.81	173.4	23.23	201.7	28.47	215.3	31.34	228.9	34.34	257.0	38.49	281.3	42.69
	25	145.2	19.75	173.4	24.78	201.7	30.43	215.3	33.52	228.9	36.71	257.0	41.16	277.2	44.50
	27	145.2	21.08	173.4	26.41	201.7	32.49	215.3	35.77	228.9	39.27	257.0	43.76	273.1	46.58
	29	145.2	22.31	173.4	28.16	201.7	34.73	215.3	38.23	228.9	41.93	257.0	46.35	269.0	48.47
	31	145.2	23.75	173.4	30.01	201.7	37.00	215.3	40.71	228.9	44.70	257.0	48.66	265.0	50.35
	33	145.2	25.28	173.4	31.97	201.7	39.47	215.3	43.37	228.9	47.43	257.0	51.03	260.9	52.23
	35	145.2	26.83	173.4	33.91	201.7	41.93	215.3	46.26	228.9	50.28	252.7	53.96	256.8	55.18
	37	145.2	28.47	173.4	36.08	201.7	44.73	215.3	49.15	228.9	53.08	248.6	56.40	252.7	57.66
	39	145.2	30.14	173.4	38.36	201.7	47.33	215.3	52.29	228.9	55.81	244.5	59.45	248.7	60.17
	41	141.4	33.73	169.0	42.55	196.3	51.95	209.8	57.17	223.0	60.26	234.3	62.66	238.4	64.10
	43	138.0	36.42	164.7	45.97	191.5	56.74	204.4	61.59	217.4	64.62	224.6	67.08	228.6	67.92
	46	129.2	40.99	154.4	52.36	179.5	64.64	191.5	69.81	197.6	71.79	205.1	73.65	208.9	73.76
	48	114.3	35.83	136.7	45.80	158.8	56.56	169.5	60.91	171.7	61.86	178.2	63.40	181.6	63.47
80	10	128.9	14.03	153.7	16.87	178.5	19.78	191.2	21.34	204.0	22.91	228.9	26.13	253.6	28.36
	12	128.9	14.32	153.7	17.06	178.5	20.17	191.2	21.73	204.0	23.30	228.9	26.60	253.6	28.91
	14	128.9	14.52	153.7	17.46	178.5	20.47	191.2	22.13	204.0	23.69	228.9	27.09	253.6	29.49
	16	128.9	14.72	153.7	17.75	178.5	20.85	191.2	22.51	204.0	24.17	228.9	27.67	253.6	30.05
	18	128.9	15.01	153.7	18.04	178.5	21.25	191.2	22.91	204.0	24.66	228.9	28.17	253.6	30.70
	20	128.9	15.30	153.7	18.43	178.5	21.73	191.2	23.39	204.0	25.16	228.9	29.24	253.6	32.53
	21	128.9	15.40	153.7	18.63	178.5	21.93	191.2	23.69	204.0	25.74	228.9	30.16	253.6	33.39
	23	128.9	15.69	153.7	18.90	178.5	22.91	191.2	25.16	204.0	27.48	228.9	31.85	253.6	35.05
	25	128.9	16.28	153.7	20.17	178.5	24.57	191.2	26.89	204.0	29.44	228.9	34.09	253.6	37.46
	27	128.9	17.26	153.7	21.44	178.5	26.23	191.2	28.75	204.0	31.39	228.9	36.22	253.6	39.42
	29	128.9	18.33	153.7	22.91	178.5	27.87	191.2	30.61	204.0	33.53	228.9	38.80	253.6	42.19
	31	128.9	19.48	153.7	24.28	178.5	29.73	191.2	32.66	204.0	35.67	228.9	41.18	253.6	44.31
	33	128.9	20.65	153.7	25.94	178.5	31.69	191.2	34.79	204.0	38.02	228.9	43.40	253.6	46.46
	35	128.9	21.93	153.7	27.48	178.5	33.73	191.2	37.03	204.0	40.55	228.9	46.01	250.9	48.14
	37	128.9	23.20	153.7	29.24	178.5	35.77	191.2	39.38	204.0	43.07	228.9	48.55	246.9	50.32
	39	128.9	24.51	153.7	30.90	178.5	38.27	191.2	42.33	204.0	46.30	228.9	51.30	242.8	53.10
	41	125.6	27.12	149.7	34.23	173.8	41.99	186.3	46.41	198.9	50.87	223.0	57.08	232.6	58.84
	43	122.4	29.85	146.0	37.36	169.7	45.85	181.7	50.58	193.9	55.60	217.4	61.09	223.0	62.98
	46	114.9	33.22	136.8	42.09	158.9	51.66	170.4	56.29	181.7	62.73	199.0	66.70	203.7	67.75
	48	101.7	29.01	121.1	36.80	140.5	45.16	150.7	49.17	160.9	54.92	172.7	57.72	176.8	58.31

7. Capacity Tables

Cooling Capacity (68RT)

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	112.6	12.32	135.0	14.65	156.2	16.98	167.3	18.35	178.5	19.61	199.9	22.33	222.1	24.98
	12	112.6	12.52	135.0	14.85	156.2	17.38	167.3	18.63	178.5	19.99	199.9	22.71	222.1	25.43
	14	112.6	12.72	135.0	15.04	156.2	17.67	167.3	18.92	178.5	20.28	199.9	23.20	222.1	25.90
	16	112.6	12.91	135.0	15.34	156.2	17.96	167.3	19.31	178.5	20.68	199.9	23.58	222.1	26.46
	18	112.6	13.11	135.0	15.63	156.2	18.35	167.3	19.70	178.5	21.06	199.9	23.96	222.1	26.92
	20	112.6	13.30	135.0	15.93	156.2	18.63	167.3	20.10	178.5	21.54	199.9	24.56	222.1	27.95
	21	112.6	13.50	135.0	16.02	156.2	18.82	167.3	20.28	178.5	21.73	199.9	24.94	222.1	28.55
	23	112.6	13.68	135.0	16.40	156.2	19.21	167.3	20.95	178.5	22.82	199.9	26.68	222.1	30.13
	25	112.6	13.87	135.0	16.98	156.2	20.48	167.3	22.42	178.5	24.36	199.9	28.53	222.1	31.61
	27	112.6	14.65	135.0	18.16	156.2	21.84	167.3	23.77	178.5	26.00	199.9	30.48	222.1	33.57
	29	112.6	15.63	135.0	19.21	156.2	23.20	167.3	25.34	178.5	27.66	199.9	32.52	222.1	35.98
	31	112.6	16.59	135.0	20.48	156.2	24.74	167.3	27.08	178.5	29.50	199.9	34.65	222.1	38.19
	33	112.6	17.57	135.0	21.64	156.2	26.30	167.3	28.72	178.5	31.34	199.9	36.88	222.1	40.65
	35	112.6	18.52	135.0	23.11	156.2	27.95	167.3	30.58	178.5	33.38	199.9	39.31	222.1	43.10
	37	112.6	19.70	135.0	24.46	156.2	29.70	167.3	32.52	178.5	35.53	199.9	41.83	222.1	45.47
	39	112.6	20.92	135.0	26.10	156.2	31.76	167.3	34.98	178.5	38.37	199.9	44.77	222.1	49.03
	41	109.9	23.14	131.6	28.58	152.3	34.84	163.2	38.35	173.8	41.72	194.6	49.17	216.3	52.90
	43	107.2	25.18	128.2	31.14	148.6	38.00	159.1	41.83	169.7	45.56	189.9	53.72	211.0	57.20
	46	100.4	27.99	120.1	35.02	139.1	42.81	149.0	46.60	158.9	51.34	177.9	60.58	197.6	63.75
	48	88.8	24.42	106.3	30.59	123.1	37.41	131.9	40.72	140.5	44.91	157.5	53.01	174.9	55.17
60	10	96.5	10.64	115.3	12.48	134.0	14.50	143.5	15.55	152.8	16.52	171.7	18.74	190.4	20.98
	12	96.5	10.83	115.3	12.65	134.0	14.68	143.5	15.74	152.8	16.83	171.7	19.03	190.4	21.35
	14	96.5	10.93	115.3	12.84	134.0	14.99	143.5	16.04	152.8	17.10	171.7	19.43	190.4	21.73
	16	96.5	11.11	115.3	13.14	134.0	15.17	143.5	16.34	152.8	17.49	171.7	19.82	190.4	22.13
	18	96.5	11.30	115.3	13.33	134.0	15.45	143.5	16.63	152.8	17.78	171.7	20.09	190.4	22.62
	20	96.5	11.49	115.3	13.53	134.0	15.74	143.5	16.90	152.8	18.07	171.7	20.49	190.4	23.09
	21	96.5	11.60	115.3	13.63	134.0	15.94	143.5	17.10	152.8	18.27	171.7	20.78	190.4	23.28
	23	96.5	11.79	115.3	13.92	134.0	16.14	143.5	17.39	152.8	18.65	171.7	21.54	190.4	24.73
	25	96.5	11.99	115.3	14.20	134.0	16.83	143.5	18.27	152.8	19.82	171.7	22.99	190.4	26.48
	27	96.5	12.37	115.3	14.99	134.0	17.88	143.5	19.43	152.8	21.07	171.7	24.44	190.4	28.22
	29	96.5	13.14	115.3	15.94	134.0	19.03	143.5	20.68	152.8	22.42	171.7	26.08	190.4	30.14
	31	96.5	13.92	115.3	16.90	134.0	20.20	143.5	22.04	152.8	23.88	171.7	27.83	190.4	32.08
	33	96.5	14.68	115.3	17.88	134.0	21.44	143.5	23.38	152.8	25.42	171.7	29.58	190.4	34.21
	35	96.5	15.55	115.3	19.03	134.0	22.80	143.5	24.83	152.8	26.97	171.7	31.51	190.4	36.33
	37	96.5	16.43	115.3	20.09	134.0	24.17	143.5	26.38	152.8	28.61	171.7	33.43	190.4	38.65
	39	96.5	17.46	115.3	21.40	134.0	26.08	143.5	28.29	152.8	30.78	171.7	35.86	190.4	41.42
	41	93.9	18.94	112.2	23.41	130.6	28.32	139.8	30.92	148.9	33.42	167.3	39.35	185.6	45.01
	43	91.8	20.58	109.5	25.48	127.5	30.86	136.4	33.69	145.3	36.43	163.2	42.95	180.9	49.16
	46	86.1	23.06	102.7	28.62	119.4	34.71	127.8	37.87	136.0	41.00	152.8	48.38	169.7	56.01
	48	76.1	20.09	90.8	24.97	105.7	30.33	112.9	33.07	120.4	35.83	135.3	42.31	150.0	49.01
50	10	80.7	9.13	96.5	10.58	111.9	12.02	119.7	12.90	127.2	13.66	142.6	15.39	158.8	17.13
	12	80.7	9.23	96.5	10.69	111.9	12.21	119.7	13.07	127.2	13.95	142.6	15.69	158.8	17.41
	14	80.7	9.33	96.5	10.88	111.9	12.41	119.7	13.27	127.2	14.13	142.6	15.87	158.8	17.70
	16	80.7	9.52	96.5	11.06	111.9	12.61	119.7	13.56	127.2	14.33	142.6	16.17	158.8	18.00
	18	80.7	9.63	96.5	11.15	111.9	12.80	119.7	13.76	127.2	14.62	142.6	16.45	158.8	18.36
	20	80.7	9.72	96.5	11.35	111.9	13.07	119.7	13.95	127.2	14.92	142.6	16.75	158.8	18.76
	21	80.7	9.83	96.5	11.44	111.9	13.18	119.7	14.13	127.2	15.01	142.6	16.93	158.8	18.96
	23	80.7	10.00	96.5	11.64	111.9	13.37	119.7	14.33	127.2	15.29	142.6	17.23	158.8	19.33
	25	80.7	10.10	96.5	11.84	111.9	13.66	119.7	14.62	127.2	15.78	142.6	18.09	158.8	20.68
	27	80.7	10.29	96.5	12.21	111.9	14.43	119.7	15.58	127.2	16.75	142.6	19.33	158.8	22.04
	29	80.7	10.88	96.5	13.00	111.9	15.29	119.7	16.55	127.2	17.80	142.6	20.48	158.8	23.39
	31	80.7	11.44	96.5	13.76	111.9	16.25	119.7	17.50	127.2	18.96	142.6	21.84	158.8	24.91
	33	80.7	12.12	96.5	14.53	111.9	17.23	119.7	18.56	127.2	20.12	142.6	23.19	158.8	26.56
	35	80.7	12.80	96.5	15.39	111.9	18.19	119.7	19.72	127.2	21.27	142.6	24.53	158.8	28.19
	37	80.7	13.56	96.5	16.25	111.9	19.25	119.7	20.88	127.2	22.50	142.6	26.17	158.8	29.91
	39	80.7	14.46	96.5	17.43	111.9	20.61	119.7	22.46	127.2	24.16	142.6	27.86	158.8	32.32
	41	78.6	15.65	93.9	18.86	108.9	22.53	116.5	24.35	124.1	26.17	139.1	30.55	154.8	35.11
	43	76.6	17.01	91.8	20.52	106.4	24.53	113.6	26.50	121.0	28.49	135.5	33.32	151.0	38.28
	46	71.8	19.05	86.1	23.03	99.7	27.53	106.5	29.77	113.3	32.00	126.9	37.49	141.4	43.11
	48	63.6	16.60	76.1	20.08	88.1	24.00	94.2	25.97	100.3	27.92	112.2	32.76	125.1	37.69

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

◆ ARUV844BTE5 / ARUV844DTE5

Cooling Capacity (70RT)

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	243.7	28.03	290.2	34.26	311.2	39.77	320.0	40.56	329.1	40.90	344.8	41.22	353.6	41.39
	12	243.7	28.75	290.2	35.50	311.2	41.39	320.0	41.66	329.1	42.01	344.8	42.32	353.6	42.70
	14	243.7	29.71	290.2	36.78	311.2	42.94	320.0	43.25	329.1	43.62	344.8	43.97	353.6	44.35
	16	243.7	30.78	290.2	38.08	311.2	44.87	320.0	45.28	329.1	45.66	344.8	46.07	353.6	46.42
	18	243.7	32.09	290.2	40.25	311.2	46.93	320.0	47.96	329.1	48.34	344.8	48.82	353.6	49.14
	20	243.7	33.50	290.2	42.90	311.2	49.24	320.0	52.75	329.1	53.16	339.9	53.68	348.7	54.06
	21	243.7	34.36	290.2	44.42	311.2	50.27	320.0	55.81	329.1	56.26	337.8	56.81	346.9	57.22
	23	243.7	36.88	290.2	46.72	311.2	52.89	320.0	61.60	324.9	62.08	332.9	62.70	341.7	63.12
	25	243.7	39.39	290.2	49.41	311.2	56.54	316.1	68.31	320.0	68.86	329.1	69.52	337.8	70.00
	27	243.7	42.15	290.2	52.82	307.3	60.22	311.2	75.20	316.1	75.79	324.9	76.54	332.9	77.06
	29	243.7	44.90	290.2	56.47	302.1	64.80	306.7	82.64	311.2	83.12	320.0	83.88	329.1	84.22
	31	243.7	47.93	289.5	59.47	297.2	68.93	302.1	82.29	306.7	82.78	315.1	83.53	323.8	83.84
	33	243.7	51.06	284.3	63.01	293.3	73.93	297.9	81.54	302.1	82.02	311.2	82.77	318.9	83.09
	35	243.7	54.44	279.4	66.00	288.1	80.09	293.3	80.47	297.9	80.95	306.0	81.67	315.1	82.02
	37	243.7	58.05	275.5	69.24	284.3	79.02	288.1	79.40	293.3	79.88	301.4	80.61	310.2	80.92
	39	243.7	61.81	270.6	72.89	279.4	77.96	284.3	78.37	288.1	78.82	297.2	79.54	306.0	79.85
	41	237.4	65.59	259.4	76.54	268.1	76.89	272.0	77.30	277.3	77.75	285.7	78.44	293.4	78.75
	43	231.7	69.17	248.5	75.47	257.0	75.85	261.1	76.23	266.4	76.68	274.5	77.37	281.8	77.68
	46	217.0	74.03	226.8	73.89	234.9	74.27	238.7	74.62	243.6	75.06	251.3	75.75	258.0	76.06
	48	192.2	71.96	196.8	72.20	204.1	72.34	207.6	72.55	211.8	73.17	218.8	73.62	224.8	73.93
120	10	220.5	25.24	262.2	30.92	286.7	36.77	295.4	39.73	304.2	40.35	320.7	40.53	328.4	40.84
	12	220.5	25.93	262.2	31.99	286.7	38.25	295.4	40.56	304.2	41.84	320.7	42.35	328.4	42.70
	14	220.5	26.79	262.2	33.06	286.7	39.77	295.4	42.11	304.2	43.38	320.7	44.04	328.4	44.38
	16	220.5	27.75	262.2	34.43	286.7	41.32	295.4	43.69	304.2	45.38	320.7	45.93	328.4	46.31
	18	220.5	28.85	262.2	35.98	286.7	42.97	295.4	45.97	304.2	47.72	320.7	48.27	328.4	48.65
	20	220.5	29.96	262.2	38.15	286.7	45.28	295.4	48.38	304.2	50.24	320.7	50.89	328.4	51.31
	21	220.5	30.85	262.2	39.53	286.7	46.55	295.4	49.82	304.2	51.89	320.7	52.55	328.4	52.99
	23	220.5	32.99	262.2	42.28	286.7	49.89	295.4	52.92	304.2	55.33	320.7	55.88	328.4	56.33
	25	220.5	35.26	262.2	45.28	286.7	52.61	295.4	56.43	304.2	59.33	316.8	59.84	324.5	60.32
	27	220.5	37.63	262.2	48.41	286.7	55.99	295.4	60.29	304.2	63.77	311.9	64.18	319.6	64.70
	29	220.5	40.15	262.2	51.68	286.7	58.91	295.4	64.52	299.3	67.97	307.0	68.97	315.8	69.52
	31	220.5	42.77	262.2	55.20	286.7	61.98	291.6	69.11	295.4	72.89	303.2	74.20	310.9	74.79
	33	220.5	45.55	262.2	58.84	282.8	65.56	286.7	75.03	290.5	78.26	298.3	79.16	306.0	79.78
	35	220.5	48.41	262.2	62.73	277.9	69.38	281.8	82.64	286.7	83.05	294.4	83.29	302.1	83.95
	37	220.5	52.09	262.2	66.18	273.8	73.96	277.9	80.91	281.8	81.30	289.5	81.54	297.2	82.19
	39	220.5	56.06	261.5	69.96	269.2	78.47	273.0	79.23	276.9	79.64	285.7	79.88	293.4	80.50
	41	214.9	60.05	249.9	73.72	258.4	76.92	261.9	77.58	265.7	77.96	273.4	78.20	281.4	78.82
	43	209.7	64.11	239.4	72.65	247.8	75.20	251.3	75.92	255.2	76.30	262.6	76.51	270.2	77.13
	46	196.4	68.93	218.4	70.93	226.2	72.82	229.6	73.41	233.1	73.79	240.1	74.00	247.2	74.58
	48	173.7	67.52	189.7	69.66	196.7	71.41	199.6	71.83	202.7	72.07	209.0	72.34	215.3	72.65
110	10	197.5	22.69	235.6	27.65	263.2	32.85	270.6	35.57	287.8	38.29	294.4	39.32	314.4	39.98
	12	197.5	23.41	235.6	28.58	263.2	34.22	270.6	36.57	287.8	39.70	294.4	40.98	314.4	41.94
	14	197.5	24.14	235.6	29.89	263.2	35.77	270.6	38.39	287.8	41.70	294.4	42.90	314.4	43.80
	16	197.5	25.00	235.6	30.96	263.2	37.25	270.6	40.05	287.8	43.63	294.4	44.83	314.4	45.62
	18	197.5	25.93	235.6	32.26	263.2	39.39	270.6	42.18	287.8	46.03	294.4	46.93	314.4	47.82
	20	197.5	26.86	235.6	33.88	263.2	41.77	270.6	44.11	287.8	48.27	294.4	49.45	314.4	50.24
	21	197.5	27.44	235.6	34.88	263.2	42.84	270.6	45.31	287.8	49.62	294.4	50.86	314.4	51.65
	23	197.5	29.23	235.6	37.39	263.2	45.24	270.6	47.83	287.8	52.41	294.4	53.54	314.4	54.40
	25	197.5	31.23	235.6	39.91	263.2	47.79	270.6	50.55	287.8	55.37	294.4	56.16	310.5	57.30
	27	197.5	33.37	235.6	42.66	263.2	50.51	270.6	53.51	287.8	57.81	294.4	59.15	306.0	60.15
	29	197.5	35.64	235.6	45.55	263.2	53.37	270.6	56.67	287.8	61.12	294.4	62.15	302.1	63.11
	31	197.5	37.88	235.6	48.55	263.2	56.40	270.6	60.05	283.2	64.22	290.6	65.46	297.2	66.15
	33	197.5	40.39	235.6	51.68	263.2	59.57	270.6	63.63	279.3	67.80	286.0	68.93	293.4	69.31
	35	197.5	42.90	235.6	55.20	263.2	62.94	270.6	67.42	274.5	71.55	281.1	72.24	288.8	72.58
	37	197.5	45.48	235.6	58.57	263.2	66.42	266.8	71.41	269.9	75.48	277.3	75.75	283.9	75.96
	39	197.5	49.03	235.6	62.25	258.4	70.10	262.2	76.40	266.0	79.23	272.7	79.36	280.4	79.43
	41	192.5	52.58	229.6	65.94	247.2	73.93	251.0	82.64	254.5	82.64	261.9	83.29	268.5	83.95
	43	187.7	55.20	223.7	68.69	237.0	78.40	240.9	79.26	244.0	79.09	251.3	79.54	257.6	79.78
	46	176.1	53.89	209.7	66.31	216.3	74.41	219.9	74.38	223.0	75.03	229.7	75.44	235.6	75.65
	48	155.8	52.34	182.4	63.87	188.0	70.79	191.2	71.24	193.6	71.59	199.9	71.79	205.1	72.10

7. Capacity Tables

Cooling Capacity (70RT)

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	166.3	20.42	197.8	24.83	230.3	29.47	246.1	31.85	261.9	34.22	290.5	38.08	296.8	38.39
	12	166.3	21.07	197.8	25.86	230.3	30.47	246.1	32.71	261.9	35.29	290.5	40.12	296.8	40.53
	14	166.3	21.76	197.8	26.89	230.3	31.75	246.1	34.12	261.9	36.81	290.5	42.38	296.8	42.77
	16	166.3	22.41	197.8	27.79	230.3	33.09	246.1	35.74	261.9	38.81	290.5	44.42	296.8	45.04
	18	166.3	23.07	197.8	28.82	230.3	34.40	246.1	37.46	261.9	41.15	290.5	46.93	296.8	47.31
	20	166.3	23.90	197.8	29.89	230.3	36.39	246.1	40.15	261.9	44.04	290.5	49.17	296.8	49.58
	21	166.3	24.38	197.8	30.61	230.3	37.63	246.1	41.52	261.9	45.66	290.5	50.31	296.8	50.72
	23	166.3	25.86	197.8	32.74	230.3	40.39	246.1	44.52	261.9	48.93	290.5	52.68	296.8	53.09
	25	166.3	27.48	197.8	34.88	230.3	43.14	246.1	47.66	261.9	52.30	290.5	54.92	294.4	55.37
	27	166.3	29.37	197.8	37.26	230.3	46.17	246.1	50.93	261.9	55.61	284.6	57.50	290.9	57.95
	29	166.3	31.23	197.8	39.77	230.3	49.31	246.1	54.44	261.9	58.88	279.4	59.81	286.4	60.29
	31	166.3	33.37	197.8	42.39	230.3	52.58	246.1	58.09	261.9	61.84	275.2	62.15	281.8	62.63
	33	166.3	35.36	197.8	45.17	230.3	56.09	246.1	61.98	261.9	64.18	270.9	64.46	277.6	64.97
	35	166.3	37.63	197.8	48.03	230.3	59.71	246.1	66.11	258.0	66.52	266.0	66.76	272.7	67.31
	37	166.3	40.32	197.8	51.54	230.3	63.25	246.1	69.25	253.8	69.59	261.1	69.86	267.1	70.52
	39	166.3	43.21	197.8	55.37	230.3	67.04	246.1	72.65	249.6	72.96	256.9	73.24	262.9	73.93
	41	163.5	46.11	194.6	59.19	226.5	70.79	236.3	76.03	241.2	76.34	247.1	76.61	254.9	77.30
	43	157.9	48.82	188.0	62.74	218.8	74.20	226.5	78.92	229.0	79.23	236.0	79.47	242.3	80.23
	46	148.1	52.51	176.1	67.63	205.1	78.68	206.9	82.64	209.0	82.88	215.6	83.12	221.6	83.91
	48	130.9	45.32	155.8	58.53	177.1	67.28	179.6	70.11	181.7	70.35	187.6	70.52	192.5	71.07
90	10	149.5	17.74	178.5	21.32	207.6	25.14	221.6	27.10	235.6	29.16	264.6	32.63	293.7	36.31
	12	149.5	17.95	178.5	21.66	207.6	25.58	221.6	27.65	235.6	29.81	264.6	33.29	293.7	36.93
	14	149.5	18.29	178.5	22.08	207.6	26.10	221.6	28.20	235.6	30.36	264.6	33.94	293.7	37.69
	16	149.5	18.60	178.5	22.52	207.6	26.65	221.6	28.72	235.6	30.91	264.6	34.59	293.7	38.34
	18	149.5	18.95	178.5	22.97	207.6	27.10	221.6	29.37	235.6	31.57	264.6	35.32	293.7	40.27
	20	149.5	19.26	178.5	23.39	207.6	27.65	221.6	29.92	235.6	32.74	264.6	37.82	293.7	42.19
	21	149.5	19.47	178.5	23.62	207.6	28.20	221.6	30.91	235.6	33.94	264.6	38.41	293.7	43.16
	23	149.5	19.91	178.5	24.59	207.6	30.13	221.6	33.18	235.6	36.35	264.6	40.75	289.5	45.19
	25	149.5	20.91	178.5	26.24	207.6	32.22	221.6	35.49	235.6	38.86	264.6	43.57	285.3	47.11
	27	149.5	22.32	178.5	27.96	207.6	34.39	221.6	37.86	235.6	41.57	264.6	46.32	281.1	49.31
	29	149.5	23.62	178.5	29.81	207.6	36.76	221.6	40.47	235.6	44.39	264.6	49.07	276.9	51.31
	31	149.5	25.14	178.5	31.77	207.6	39.17	221.6	43.09	235.6	47.32	264.6	51.51	272.7	53.30
	33	149.5	26.76	178.5	33.84	207.6	41.78	221.6	45.91	235.6	50.21	264.6	54.02	268.5	55.29
	35	149.5	28.40	178.5	35.90	207.6	44.39	221.6	48.97	235.6	53.23	260.1	57.12	264.3	58.42
	37	149.5	30.13	178.5	38.20	207.6	47.35	221.6	52.03	235.6	56.19	255.9	59.70	260.1	61.04
	39	149.5	31.91	178.5	40.61	207.6	50.10	221.6	55.36	235.6	59.08	251.7	62.93	255.9	63.69
	41	145.6	35.70	174.0	45.05	202.0	54.99	216.0	60.52	229.6	63.79	241.2	66.33	245.4	67.85
	43	142.1	38.55	169.5	48.66	197.1	60.07	210.4	65.20	223.7	68.40	231.1	71.01	235.3	71.90
	46	133.0	43.40	158.9	55.43	184.8	68.43	197.1	73.90	203.4	76.00	211.1	77.96	215.0	78.09
	48	117.6	37.93	140.7	48.49	163.5	59.87	174.4	64.48	176.8	65.48	183.4	67.12	186.9	67.19
80	10	132.7	14.85	158.2	17.86	183.8	20.93	196.8	22.59	210.0	24.25	235.6	27.66	261.1	30.02
	12	132.7	15.16	158.2	18.06	183.8	21.35	196.8	23.00	210.0	24.66	235.6	28.15	261.1	30.60
	14	132.7	15.37	158.2	18.48	183.8	21.66	196.8	23.42	210.0	25.08	235.6	28.67	261.1	31.22
	16	132.7	15.58	158.2	18.79	183.8	22.07	196.8	23.83	210.0	25.59	235.6	29.29	261.1	31.81
	18	132.7	15.89	158.2	19.10	183.8	22.49	196.8	24.25	210.0	26.11	235.6	29.81	261.1	32.50
	20	132.7	16.20	158.2	19.51	183.8	23.00	196.8	24.76	210.0	26.63	235.6	30.95	261.1	34.43
	21	132.7	16.30	158.2	19.72	183.8	23.21	196.8	25.08	210.0	27.25	235.6	31.92	261.1	35.34
	23	132.7	16.61	158.2	20.00	183.8	24.25	196.8	26.63	210.0	29.08	235.6	33.71	261.1	37.10
	25	132.7	17.23	158.2	21.35	183.8	26.01	196.8	28.46	210.0	31.16	235.6	36.09	261.1	39.65
	27	132.7	18.27	158.2	22.69	183.8	27.77	196.8	30.43	210.0	33.23	235.6	38.34	261.1	41.72
	29	132.7	19.41	158.2	24.25	183.8	29.50	196.8	32.40	210.0	35.50	235.6	41.07	261.1	44.66
	31	132.7	20.62	158.2	25.70	183.8	31.47	196.8	34.57	210.0	37.75	235.6	43.59	261.1	46.90
	33	132.7	21.86	158.2	27.46	183.8	33.54	196.8	36.82	210.0	40.24	235.6	45.94	261.1	49.18
	35	132.7	23.21	158.2	29.08	183.8	35.71	196.8	39.20	210.0	42.93	235.6	48.70	258.3	50.95
	37	132.7	24.56	158.2	30.95	183.8	37.86	196.8	41.69	210.0	45.59	235.6	51.39	254.1	53.26
	39	132.7	25.94	158.2	32.71	183.8	40.51	196.8	44.80	210.0	49.01	235.6	54.30	249.9	56.20
	41	129.2	28.70	154.0	36.23	178.9	44.45	191.8	49.12	204.8	53.85	229.6	60.41	239.4	62.28
	43	126.0	31.60	150.2	39.55	174.7	48.53	187.0	53.54	199.6	58.85	223.7	64.66	229.6	66.66
	46	118.3	35.16	140.8	44.55	163.5	54.68	175.4	59.58	187.0	66.39	204.8	70.60	209.7	71.71
	48	104.7	30.71	124.6	38.96	144.6	47.80	155.1	52.05	165.6	58.13	177.8	61.10	182.0	61.72

7. Capacity Tables

Cooling Capacity (70RT)

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	115.9	13.04	139.0	15.51	160.7	17.97	172.2	19.43	183.8	20.75	205.8	23.63	228.6	26.44
	12	115.9	13.25	139.0	15.72	160.7	18.39	172.2	19.71	183.8	21.16	205.8	24.04	228.6	26.92
	14	115.9	13.46	139.0	15.92	160.7	18.70	172.2	20.02	183.8	21.47	205.8	24.56	228.6	27.41
	16	115.9	13.67	139.0	16.24	160.7	19.01	172.2	20.44	183.8	21.89	205.8	24.95	228.6	28.00
	18	115.9	13.88	139.0	16.55	160.7	19.43	172.2	20.85	183.8	22.28	205.8	25.36	228.6	28.49
	20	115.9	14.08	139.0	16.86	160.7	19.71	172.2	21.27	183.8	22.80	205.8	25.99	228.6	29.59
	21	115.9	14.29	139.0	16.96	160.7	19.92	172.2	21.47	183.8	23.00	205.8	26.40	228.6	30.22
	23	115.9	14.47	139.0	17.35	160.7	20.33	172.2	22.17	183.8	24.15	205.8	28.24	228.6	31.89
	25	115.9	14.68	139.0	17.97	160.7	21.68	172.2	23.73	183.8	25.78	205.8	30.19	228.6	33.45
	27	115.9	15.51	139.0	19.22	160.7	23.11	172.2	25.15	183.8	27.51	205.8	32.26	228.6	35.53
	29	115.9	16.55	139.0	20.33	160.7	24.56	172.2	26.82	183.8	29.28	205.8	34.42	228.6	38.09
	31	115.9	17.56	139.0	21.68	160.7	26.19	172.2	28.66	183.8	31.22	205.8	36.67	228.6	40.42
	33	115.9	18.60	139.0	22.90	160.7	27.83	172.2	30.39	183.8	33.17	205.8	39.03	228.6	43.02
	35	115.9	19.60	139.0	24.46	160.7	29.59	172.2	32.37	183.8	35.32	205.8	41.60	228.6	45.62
	37	115.9	20.85	139.0	25.88	160.7	31.43	172.2	34.42	183.8	37.61	205.8	44.27	228.6	48.12
	39	115.9	22.14	139.0	27.62	160.7	33.62	172.2	37.02	183.8	40.62	205.8	47.39	228.6	51.90
	41	113.1	24.49	135.5	30.25	156.8	36.88	168.0	40.59	178.9	44.16	200.3	52.04	222.6	55.99
	43	110.3	26.65	132.0	32.96	153.0	40.21	163.8	44.27	174.7	48.22	195.4	56.86	217.1	60.54
	46	103.3	29.63	123.6	37.06	143.2	45.31	153.3	49.33	163.5	54.33	183.1	64.12	203.4	67.48
	48	91.4	25.85	109.5	32.37	126.7	39.59	135.8	43.09	144.6	47.53	162.1	56.10	180.0	58.39
60	10	99.4	11.26	118.7	13.21	137.9	15.34	147.7	16.45	157.2	17.49	176.8	19.83	196.0	22.20
	12	99.4	11.46	118.7	13.38	137.9	15.54	147.7	16.66	157.2	17.81	176.8	20.14	196.0	22.59
	14	99.4	11.57	118.7	13.59	137.9	15.86	147.7	16.97	157.2	18.09	176.8	20.56	196.0	23.00
	16	99.4	11.75	118.7	13.91	137.9	16.06	147.7	17.29	157.2	18.51	176.8	20.98	196.0	23.42
	18	99.4	11.96	118.7	14.11	137.9	16.35	147.7	17.60	157.2	18.82	176.8	21.26	196.0	23.94
	20	99.4	12.16	118.7	14.32	137.9	16.66	147.7	17.88	157.2	19.13	176.8	21.68	196.0	24.43
	21	99.4	12.27	118.7	14.43	137.9	16.87	147.7	18.09	157.2	19.34	176.8	21.99	196.0	24.64
	23	99.4	12.48	118.7	14.74	137.9	17.08	147.7	18.40	157.2	19.73	176.8	22.79	196.0	26.17
	25	99.4	12.69	118.7	15.02	137.9	17.81	147.7	19.34	157.2	20.98	176.8	24.33	196.0	28.02
	27	99.4	13.10	118.7	15.86	137.9	18.92	147.7	20.56	157.2	22.30	176.8	25.86	196.0	29.87
	29	99.4	13.91	118.7	16.87	137.9	20.14	147.7	21.89	157.2	23.73	176.8	27.60	196.0	31.89
	31	99.4	14.74	118.7	17.88	137.9	21.37	147.7	23.32	157.2	25.27	176.8	29.45	196.0	33.95
	33	99.4	15.54	118.7	18.92	137.9	22.69	147.7	24.74	157.2	26.90	176.8	31.30	196.0	36.21
	35	99.4	16.45	118.7	20.14	137.9	24.12	147.7	26.28	157.2	28.54	176.8	33.35	196.0	38.44
	37	99.4	17.39	118.7	21.26	137.9	25.58	147.7	27.92	157.2	30.28	176.8	35.38	196.0	40.91
	39	99.4	18.47	118.7	22.65	137.9	27.60	147.7	29.94	157.2	32.58	176.8	37.95	196.0	43.84
	41	96.6	20.04	115.5	24.78	134.4	29.97	143.9	32.72	153.3	35.37	172.2	41.65	191.1	47.64
	43	94.5	21.78	112.7	26.97	131.3	32.66	140.4	35.65	149.5	38.55	168.0	45.45	186.2	52.03
	46	88.6	24.40	105.7	30.29	122.9	36.73	131.6	40.08	140.0	43.39	157.2	51.20	174.7	59.28
	48	78.4	21.26	93.5	26.42	108.8	32.10	116.2	34.99	123.9	37.92	139.3	44.78	154.4	51.86
50	10	83.0	9.66	99.4	11.20	115.2	12.71	123.2	13.65	130.9	14.46	146.7	16.28	163.5	18.13
	12	83.0	9.77	99.4	11.31	115.2	12.92	123.2	13.83	130.9	14.77	146.7	16.60	163.5	18.42
	14	83.0	9.87	99.4	11.52	115.2	13.13	123.2	14.04	130.9	14.95	146.7	16.80	163.5	18.73
	16	83.0	10.08	99.4	11.70	115.2	13.34	123.2	14.35	130.9	15.16	146.7	17.12	163.5	19.05
	18	83.0	10.19	99.4	11.80	115.2	13.55	123.2	14.56	130.9	15.47	146.7	17.40	163.5	19.43
	20	83.0	10.29	99.4	12.01	115.2	13.83	123.2	14.77	130.9	15.79	146.7	17.72	163.5	19.85
	21	83.0	10.40	99.4	12.11	115.2	13.94	123.2	14.95	130.9	15.89	146.7	17.92	163.5	20.06
	23	83.0	10.58	99.4	12.32	115.2	14.15	123.2	15.16	130.9	16.18	146.7	18.24	163.5	20.45
	25	83.0	10.68	99.4	12.53	115.2	14.46	123.2	15.47	130.9	16.70	146.7	19.15	163.5	21.88
	27	83.0	10.89	99.4	12.92	115.2	15.27	123.2	16.49	130.9	17.72	146.7	20.45	163.5	23.32
	29	83.0	11.52	99.4	13.76	115.2	16.18	123.2	17.51	130.9	18.84	146.7	21.67	163.5	24.75
	31	83.0	12.11	99.4	14.56	115.2	17.19	123.2	18.52	130.9	20.06	146.7	23.11	163.5	26.36
	33	83.0	12.82	99.4	15.37	115.2	18.24	123.2	19.64	130.9	21.29	146.7	24.54	163.5	28.11
	35	83.0	13.55	99.4	16.28	115.2	19.25	123.2	20.87	130.9	22.51	146.7	25.95	163.5	29.83
	37	83.0	14.35	99.4	17.19	115.2	20.37	123.2	22.09	130.9	23.81	146.7	27.69	163.5	31.65
	39	83.0	15.30	99.4	18.45	115.2	21.81	123.2	23.77	130.9	25.56	146.7	29.48	163.5	34.20
	41	80.9	16.56	96.6	19.96	112.0	23.84	120.0	25.77	127.8	27.69	143.2	32.32	159.3	37.15
	43	78.8	18.00	94.5	21.71	109.6	25.95	116.9	28.04	124.6	30.15	139.4	35.26	155.4	40.51
	46	73.9	20.16	88.6	24.37	102.6	29.13	109.6	31.51	116.6	33.86	130.6	39.67	145.6	45.62
	48	65.5	17.57	78.4	21.25	90.7	25.39	97.0	27.48	103.3	29.55	115.5	34.66	128.8	39.88

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

◆ ARUV867BTE5 / ARUV867DTE5

Cooling Capacity (72RT)

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	250.6	28.80	298.5	35.20	320.0	40.86	329.1	41.67	338.4	42.02	354.6	42.34	363.7	42.52
	12	250.6	29.54	298.5	36.47	320.0	42.52	329.1	42.80	338.4	43.16	354.6	43.48	363.7	43.87
	14	250.6	30.53	298.5	37.78	320.0	44.11	329.1	44.43	338.4	44.82	354.6	45.17	363.7	45.56
	16	250.6	31.63	298.5	39.12	320.0	46.10	329.1	46.52	338.4	46.91	354.6	47.33	363.7	47.69
	18	250.6	32.97	298.5	41.36	320.0	48.22	329.1	49.27	338.4	49.66	354.6	50.16	363.7	50.48
	20	250.6	34.42	298.5	44.08	320.0	50.59	329.1	54.19	338.4	54.62	349.6	55.15	358.6	55.54
	21	250.6	35.31	298.5	45.63	320.0	51.65	329.1	57.34	338.4	57.80	347.4	58.37	356.8	58.79
	23	250.6	37.89	298.5	48.00	320.0	54.34	329.1	63.28	334.1	63.78	342.4	64.42	351.4	64.84
	25	250.6	40.47	298.5	50.76	320.0	58.08	325.1	70.18	329.1	70.75	338.4	71.42	347.4	71.92
	27	250.6	43.30	298.5	54.26	316.1	61.87	320.0	77.26	325.1	77.86	334.1	78.64	342.4	79.17
	29	250.6	46.13	298.5	58.01	310.7	66.58	315.4	84.90	320.0	85.40	329.1	86.17	338.4	86.53
	31	250.6	49.24	297.7	61.09	305.7	70.82	310.7	84.55	315.4	85.04	324.0	85.82	333.1	86.14
	33	250.6	52.46	292.4	64.74	301.7	75.95	306.4	83.77	310.7	84.27	320.0	85.04	328.0	85.36
	35	250.6	55.93	287.3	67.81	296.3	82.28	301.7	82.67	306.4	83.17	314.7	83.91	324.0	84.26
	37	250.6	59.64	283.3	71.14	292.4	81.18	296.3	81.58	301.7	82.07	310.0	82.81	319.0	83.13
	39	250.6	63.50	278.3	74.89	287.3	80.09	292.4	80.51	296.3	80.97	305.7	81.71	314.7	82.03
	41	244.1	67.39	266.8	78.64	275.8	78.99	279.8	79.41	285.2	79.88	293.8	80.59	301.7	80.90
	43	238.3	71.07	255.6	77.54	264.3	77.93	268.6	78.32	274.0	78.78	282.3	79.49	289.8	79.81
	46	223.2	76.06	233.3	75.91	241.6	76.30	245.5	76.66	250.6	77.12	258.5	77.82	265.4	78.14
	48	197.6	73.94	202.4	74.18	209.9	74.32	213.5	74.53	217.8	75.17	225.0	75.63	231.1	75.95
120	10	226.8	25.93	269.7	31.77	294.8	37.78	303.8	40.82	312.8	41.46	329.8	41.63	337.7	41.96
	12	226.8	26.63	269.7	32.86	294.8	39.30	303.8	41.67	312.8	42.98	329.8	43.51	337.7	43.86
	14	226.8	27.52	269.7	33.96	294.8	40.86	303.8	43.26	312.8	44.57	329.8	45.24	337.7	45.60
	16	226.8	28.51	269.7	35.37	294.8	42.45	303.8	44.89	312.8	46.63	329.8	47.19	337.7	47.58
	18	226.8	29.64	269.7	36.96	294.8	44.15	303.8	47.23	312.8	49.03	329.8	49.59	337.7	49.98
	20	226.8	30.78	269.7	39.19	294.8	46.52	303.8	49.70	312.8	51.61	329.8	52.29	337.7	52.71
	21	226.8	31.70	269.7	40.61	294.8	47.83	303.8	51.19	312.8	53.31	329.8	53.98	337.7	54.44
	23	226.8	33.89	269.7	43.44	294.8	51.26	303.8	54.37	312.8	56.85	329.8	57.41	337.7	57.87
	25	226.8	36.22	269.7	46.52	294.8	54.05	303.8	57.98	312.8	60.95	325.8	61.48	333.7	61.97
	27	226.8	38.66	269.7	49.74	294.8	57.52	303.8	61.94	312.8	65.51	320.8	65.94	328.7	66.47
	29	226.8	41.25	269.7	53.10	294.8	60.53	303.8	66.29	307.8	69.83	315.7	70.86	324.7	71.42
	31	226.8	43.94	269.7	56.71	294.8	63.67	299.9	71.00	303.8	74.89	311.8	76.23	319.7	76.83
	33	226.8	46.80	269.7	60.45	290.9	67.35	294.8	77.08	298.8	80.41	306.7	81.33	314.7	81.97
	35	226.8	49.74	269.7	64.45	285.8	71.28	289.8	84.90	294.8	85.32	302.8	85.57	310.7	86.25
	37	226.8	53.52	269.7	67.99	281.6	75.99	285.8	83.13	289.8	83.52	297.7	83.77	305.7	84.44
	39	226.8	57.59	268.9	71.88	276.8	80.62	280.8	81.40	284.8	81.82	293.8	82.07	301.7	82.71
	41	221.1	61.70	257.1	75.74	265.7	79.03	269.3	79.70	273.3	80.09	281.2	80.34	289.4	80.97
	43	215.6	65.87	246.3	74.64	254.9	77.26	258.5	78.00	262.4	78.39	270.0	78.61	277.9	79.24
	46	202.0	70.82	224.6	72.87	232.6	74.82	236.2	75.42	239.8	75.81	247.0	76.02	254.2	76.62
	48	178.6	69.37	195.1	71.57	202.3	73.37	205.2	73.79	208.5	74.04	214.9	74.32	221.4	74.64
110	10	203.1	23.31	242.3	28.41	270.7	33.75	278.3	36.54	296.0	39.33	302.8	40.40	323.3	41.07
	12	203.1	24.05	242.3	29.36	270.7	35.16	278.3	37.57	296.0	40.79	302.8	42.10	323.3	43.09
	14	203.1	24.80	242.3	30.70	270.7	36.75	278.3	39.44	296.0	42.84	302.8	44.08	323.3	45.00
	16	203.1	25.68	242.3	31.80	270.7	38.27	278.3	41.14	296.0	44.82	302.8	46.06	323.3	46.87
	18	203.1	26.64	242.3	33.15	270.7	40.47	278.3	43.33	296.0	47.29	302.8	48.22	323.3	49.13
	20	203.1	27.59	242.3	34.81	270.7	42.91	278.3	45.32	296.0	49.59	302.8	50.80	323.3	51.61
	21	203.1	28.19	242.3	35.83	270.7	44.01	278.3	46.55	296.0	50.97	302.8	52.25	323.3	53.06
	23	203.1	30.03	242.3	38.42	270.7	46.48	278.3	49.14	296.0	53.84	302.8	55.01	323.3	55.89
	25	203.1	32.09	242.3	41.00	270.7	49.10	278.3	51.93	296.0	56.88	302.8	57.70	319.4	58.87
	27	203.1	34.28	242.3	43.83	270.7	51.89	278.3	54.97	296.0	59.40	302.8	60.77	314.7	61.80
	29	203.1	36.61	242.3	46.80	270.7	54.83	278.3	58.23	296.0	62.79	302.8	63.85	310.7	64.84
	31	203.1	38.91	242.3	49.88	270.7	57.94	278.3	61.69	291.2	65.97	298.8	67.25	305.7	67.96
	33	203.1	41.50	242.3	53.10	270.7	61.20	278.3	65.37	287.3	69.66	294.1	70.82	301.7	71.21
	35	203.1	44.08	242.3	56.71	270.7	64.66	278.3	69.26	282.3	73.51	289.1	74.21	297.0	74.57
	37	203.1	46.73	242.3	60.17	270.7	68.24	274.4	73.37	277.6	77.54	285.2	77.82	292.0	78.04
	39	203.1	50.37	242.3	63.96	265.7	72.02	269.6	78.50	273.6	81.40	280.4	81.54	288.4	81.61
	41	198.0	54.02	236.2	67.74	254.2	75.95	258.2	84.90	261.7	84.90	269.3	85.57	276.1	86.25
	43	193.0	56.71	230.1	70.57	243.7	80.55	247.7	81.43	250.9	81.26	258.5	81.72	265.0	81.96
	46	181.1	55.36	215.7	68.13	222.5	76.44	226.1	76.41	229.3	77.08	236.2	77.51	242.3	77.72
	48	160.2	53.77	187.6	65.62	193.3	72.73	196.6	73.19	199.1	73.55	205.6	73.76	211.0	74.07

7. Capacity Tables

Cooling Capacity (72RT)

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	171.0	20.98	203.4	25.51	236.9	30.28	253.1	32.72	269.3	35.16	298.8	39.12	305.3	39.44
	12	171.0	21.65	203.4	26.57	236.9	31.30	253.1	33.60	269.3	36.26	298.8	41.21	305.3	41.64
	14	171.0	22.36	203.4	27.63	236.9	32.62	253.1	35.05	269.3	37.82	298.8	43.55	305.3	43.94
	16	171.0	23.03	203.4	28.55	236.9	34.00	253.1	36.72	269.3	39.87	298.8	45.63	305.3	46.27
	18	171.0	23.70	203.4	29.61	236.9	35.34	253.1	38.49	269.3	42.27	298.8	48.22	305.3	48.60
	20	171.0	24.55	203.4	30.71	236.9	37.39	253.1	41.25	269.3	45.24	298.8	50.52	305.3	50.94
	21	171.0	25.05	203.4	31.45	236.9	38.66	253.1	42.66	269.3	46.91	298.8	51.68	305.3	52.11
	23	171.0	26.56	203.4	33.64	236.9	41.50	253.1	45.74	269.3	50.27	298.8	54.12	305.3	54.55
	25	171.0	28.23	203.4	35.83	236.9	44.33	253.1	48.96	269.3	53.74	298.8	56.42	302.8	56.88
	27	171.0	30.17	203.4	38.28	236.9	47.44	253.1	52.32	269.3	57.13	292.7	59.08	299.2	59.54
	29	171.0	32.09	203.4	40.86	236.9	50.66	253.1	55.93	269.3	60.49	287.3	61.45	294.5	61.94
	31	171.0	34.28	203.4	43.55	236.9	54.02	253.1	59.68	269.3	63.54	283.0	63.85	289.8	64.35
	33	171.0	36.33	203.4	46.41	236.9	57.62	253.1	63.67	269.3	65.94	278.6	66.22	285.5	66.75
	35	171.0	38.66	203.4	49.35	236.9	61.34	253.1	67.92	265.3	68.34	273.6	68.59	280.5	69.16
	37	171.0	41.42	203.4	52.95	236.9	64.98	253.1	71.14	261.0	71.49	268.6	71.78	274.7	72.45
	39	171.0	44.40	203.4	56.88	236.9	68.87	253.1	74.64	256.7	74.96	264.2	75.24	270.4	75.95
	41	168.1	47.37	200.2	60.81	233.0	72.73	243.0	78.11	248.1	78.43	254.2	78.71	262.1	79.42
	43	162.4	50.16	193.3	64.45	225.0	76.23	232.9	81.08	235.5	81.40	242.7	81.65	249.1	82.42
	46	152.3	53.95	181.1	69.48	211.0	80.83	212.7	84.90	214.9	85.15	221.8	85.40	227.9	86.21
	48	134.6	46.56	160.2	60.13	182.2	69.12	184.7	72.03	186.8	72.27	192.9	72.45	198.0	73.01
90	10	153.7	18.16	183.6	21.82	213.5	25.73	227.9	27.73	242.3	29.84	272.2	33.40	302.0	37.16
	12	153.7	18.37	183.6	22.17	213.5	26.18	227.9	28.29	242.3	30.51	272.2	34.07	302.0	37.80
	14	153.7	18.72	183.6	22.60	213.5	26.71	227.9	28.86	242.3	31.08	272.2	34.74	302.0	38.57
	16	153.7	19.04	183.6	23.05	213.5	27.28	227.9	29.39	242.3	31.64	272.2	35.40	302.0	39.24
	18	153.7	19.39	183.6	23.51	213.5	27.73	227.9	30.06	242.3	32.31	272.2	36.15	302.0	41.21
	20	153.7	19.71	183.6	23.93	213.5	28.29	227.9	30.62	242.3	33.51	272.2	38.71	302.0	43.18
	21	153.7	19.92	183.6	24.18	213.5	28.86	227.9	31.64	242.3	34.74	272.2	39.31	302.0	44.17
	23	153.7	20.38	183.6	25.16	213.5	30.83	227.9	33.96	242.3	37.20	272.2	41.71	297.7	46.25
	25	153.7	21.40	183.6	26.85	213.5	32.97	227.9	36.32	242.3	39.77	272.2	44.59	293.4	48.22
	27	153.7	22.84	183.6	28.61	213.5	35.19	227.9	38.75	242.3	42.55	272.2	47.41	289.1	50.47
	29	153.7	24.18	183.6	30.51	213.5	37.63	227.9	41.42	242.3	45.44	272.2	50.22	284.8	52.51
	31	153.7	25.73	183.6	32.52	213.5	40.09	227.9	44.10	242.3	48.43	272.2	52.72	280.5	54.55
	33	153.7	27.38	183.6	34.63	213.5	42.76	227.9	46.99	242.3	51.38	272.2	55.29	276.2	56.59
	35	153.7	29.07	183.6	36.74	213.5	45.44	227.9	50.12	242.3	54.48	267.5	58.46	271.8	59.79
	37	153.7	30.83	183.6	39.10	213.5	48.46	227.9	53.25	242.3	57.51	263.2	61.10	267.5	62.47
	39	153.7	32.66	183.6	41.57	213.5	51.28	227.9	56.66	242.3	60.47	258.8	64.41	263.2	65.18
	41	149.8	36.53	178.9	46.10	207.8	56.28	222.1	61.94	236.2	65.29	248.0	67.89	252.4	69.44
	43	146.1	39.45	174.3	49.80	202.7	61.48	216.4	66.73	230.1	70.00	237.6	72.68	242.0	73.59
	46	136.8	44.41	163.4	56.73	190.1	70.04	202.7	75.63	209.2	77.78	217.1	79.79	221.1	79.92
	48	121.0	38.82	144.7	49.62	168.1	61.27	179.3	65.99	181.8	67.01	188.7	68.70	192.2	68.77
80	10	136.5	15.15	162.7	18.22	189.0	21.36	202.4	23.05	216.0	24.74	242.3	28.22	268.6	30.62
	12	136.5	15.47	162.7	18.43	189.0	21.78	202.4	23.47	216.0	25.16	242.3	28.72	268.6	31.22
	14	136.5	15.68	162.7	18.85	189.0	22.10	202.4	23.89	216.0	25.58	242.3	29.25	268.6	31.85
	16	136.5	15.89	162.7	19.17	189.0	22.52	202.4	24.31	216.0	26.11	242.3	29.88	268.6	32.45
	18	136.5	16.21	162.7	19.48	189.0	22.94	202.4	24.74	216.0	26.64	242.3	30.41	268.6	33.16
	20	136.5	16.53	162.7	19.91	189.0	23.47	202.4	25.26	216.0	27.17	242.3	31.57	268.6	35.13
	21	136.5	16.63	162.7	20.12	189.0	23.68	202.4	25.58	216.0	27.80	242.3	32.56	268.6	36.05
	23	136.5	16.95	162.7	20.40	189.0	24.74	202.4	27.17	216.0	29.67	242.3	34.39	268.6	37.84
	25	136.5	17.58	162.7	21.78	189.0	26.53	202.4	29.04	216.0	31.78	242.3	36.82	268.6	40.45
	27	136.5	18.64	162.7	23.15	189.0	28.33	202.4	31.04	216.0	33.90	242.3	39.11	268.6	42.57
	29	136.5	19.80	162.7	24.74	189.0	30.09	202.4	33.05	216.0	36.22	242.3	41.90	268.6	45.56
	31	136.5	21.04	162.7	26.22	189.0	32.10	202.4	35.27	216.0	38.52	242.3	44.47	268.6	47.85
	33	136.5	22.31	162.7	28.01	189.0	34.21	202.4	37.56	216.0	41.05	242.3	46.86	268.6	50.18
	35	136.5	23.68	162.7	29.67	189.0	36.43	202.4	39.99	216.0	43.80	242.3	49.68	265.7	51.98
	37	136.5	25.05	162.7	31.57	189.0	38.62	202.4	42.53	216.0	46.51	242.3	52.43	261.4	54.34
	39	136.5	26.46	162.7	33.37	189.0	41.33	202.4	45.70	216.0	50.00	242.3	55.39	257.1	57.33
	41	132.9	29.28	158.4	36.96	184.0	45.35	197.3	50.11	210.6	54.93	236.2	61.63	246.3	63.53
	43	129.6	32.24	154.5	40.35	179.6	49.51	192.3	54.62	205.2	60.04	230.1	65.96	236.2	68.01
	46	121.7	35.87	144.8	45.45	168.2	55.78	180.4	60.78	192.3	67.73	210.6	72.02	215.6	73.15
	48	107.6	31.33	128.2	39.75	148.7	48.77	159.5	53.10	170.3	59.30	182.9	62.33	187.2	62.97

7. Capacity Tables

Cooling Capacity (72RT)

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	119.2	13.27	142.9	15.77	165.3	18.28	177.1	19.75	189.0	21.10	211.7	24.03	235.1	26.88
	12	119.2	13.48	142.9	15.98	165.3	18.70	177.1	20.04	189.0	21.52	211.7	24.45	235.1	27.38
	14	119.2	13.69	142.9	16.19	165.3	19.02	177.1	20.36	189.0	21.84	211.7	24.98	235.1	27.87
	16	119.2	13.90	142.9	16.51	165.3	19.33	177.1	20.78	189.0	22.26	211.7	25.37	235.1	28.47
	18	119.2	14.11	142.9	16.83	165.3	19.75	177.1	21.20	189.0	22.65	211.7	25.79	235.1	28.97
	20	119.2	14.32	142.9	17.14	165.3	20.04	177.1	21.63	189.0	23.18	211.7	26.43	235.1	30.09
	21	119.2	14.53	142.9	17.25	165.3	20.25	177.1	21.84	189.0	23.39	211.7	26.85	235.1	30.73
	23	119.2	14.71	142.9	17.64	165.3	20.68	177.1	22.55	189.0	24.55	211.7	28.72	235.1	32.42
	25	119.2	14.93	142.9	18.28	165.3	22.05	177.1	24.13	189.0	26.21	211.7	30.70	235.1	34.01
	27	119.2	15.77	142.9	19.54	165.3	23.50	177.1	25.58	189.0	27.98	211.7	32.81	235.1	36.13
	29	119.2	16.83	142.9	20.68	165.3	24.98	177.1	27.27	189.0	29.78	211.7	35.00	235.1	38.74
	31	119.2	17.85	142.9	22.05	165.3	26.64	177.1	29.14	189.0	31.75	211.7	37.29	235.1	41.10
	33	119.2	18.91	142.9	23.29	165.3	28.30	177.1	30.91	189.0	33.73	211.7	39.69	235.1	43.75
	35	119.2	19.94	142.9	24.87	165.3	30.09	177.1	32.91	189.0	35.92	211.7	42.30	235.1	46.39
	37	119.2	21.20	142.9	26.32	165.3	31.96	177.1	35.00	189.0	38.24	211.7	45.02	235.1	48.94
	39	119.2	22.51	142.9	28.08	165.3	34.19	177.1	37.64	189.0	41.31	211.7	48.19	235.1	52.78
	41	116.3	24.91	139.3	30.76	161.3	37.50	172.8	41.28	184.0	44.91	206.0	52.92	229.0	56.94
	43	113.4	27.10	135.7	33.52	157.3	40.89	168.5	45.02	179.6	49.04	200.9	57.82	223.2	61.56
	46	106.2	30.13	127.1	37.68	147.3	46.07	157.7	50.17	168.2	55.25	188.3	65.20	209.2	68.62
	48	94.0	26.28	112.7	32.92	130.3	40.26	139.7	43.82	148.7	48.34	166.7	57.05	185.1	59.38
60	10	102.2	11.41	122.0	13.39	141.9	15.54	151.9	16.68	161.7	17.73	181.8	20.10	201.6	22.50
	12	102.2	11.62	122.0	13.57	141.9	15.75	151.9	16.89	161.7	18.05	181.8	20.42	201.6	22.89
	14	102.2	11.73	122.0	13.78	141.9	16.07	151.9	17.20	161.7	18.34	181.8	20.84	201.6	23.32
	16	102.2	11.91	122.0	14.09	141.9	16.28	151.9	17.52	161.7	18.76	181.8	21.26	201.6	23.74
	18	102.2	12.12	122.0	14.31	141.9	16.57	151.9	17.84	161.7	19.07	181.8	21.55	201.6	24.27
	20	102.2	12.33	122.0	14.52	141.9	16.89	151.9	18.12	161.7	19.39	181.8	21.97	201.6	24.76
	21	102.2	12.43	122.0	14.62	141.9	17.10	151.9	18.34	161.7	19.60	181.8	22.29	201.6	24.98
	23	102.2	12.65	122.0	14.94	141.9	17.31	151.9	18.65	161.7	20.00	181.8	23.10	201.6	26.53
	25	102.2	12.86	122.0	15.23	141.9	18.05	151.9	19.60	161.7	21.26	181.8	24.66	201.6	28.40
	27	102.2	13.28	122.0	16.07	141.9	19.18	151.9	20.84	161.7	22.61	181.8	26.21	201.6	30.27
	29	102.2	14.09	122.0	17.10	141.9	20.42	151.9	22.18	161.7	24.05	181.8	27.98	201.6	32.32
	31	102.2	14.94	122.0	18.12	141.9	21.66	151.9	23.63	161.7	25.61	181.8	29.85	201.6	34.41
	33	102.2	15.75	122.0	19.18	141.9	23.00	151.9	25.08	161.7	27.27	181.8	31.72	201.6	36.70
	35	102.2	16.68	122.0	20.42	141.9	24.45	151.9	26.64	161.7	28.93	181.8	33.80	201.6	38.96
	37	102.2	17.63	122.0	21.55	141.9	25.93	151.9	28.30	161.7	30.69	181.8	35.86	201.6	41.47
	39	102.2	18.72	122.0	22.96	141.9	27.98	151.9	30.35	161.7	33.03	181.8	38.47	201.6	44.44
	41	99.4	20.31	118.8	25.11	138.3	30.38	148.0	33.17	157.7	35.85	177.1	42.21	196.5	48.29
	43	97.2	22.08	115.9	27.34	135.0	33.10	144.4	36.14	153.7	39.07	172.8	46.06	191.5	52.74
	46	91.1	24.73	108.7	30.70	126.4	37.23	135.3	40.62	144.0	43.98	161.7	51.89	179.6	60.09
	48	80.6	21.55	96.1	26.78	111.9	32.53	119.5	35.47	127.5	38.43	143.3	45.39	158.8	52.56
50	10	85.3	9.76	102.2	11.32	118.4	12.84	126.7	13.79	134.7	14.61	150.9	16.45	168.1	18.32
	12	85.3	9.87	102.2	11.42	118.4	13.05	126.7	13.97	134.7	14.92	150.9	16.77	168.1	18.61
	14	85.3	9.97	102.2	11.63	118.4	13.26	126.7	14.18	134.7	15.11	150.9	16.98	168.1	18.92
	16	85.3	10.19	102.2	11.82	118.4	13.48	126.7	14.50	134.7	15.32	150.9	17.29	168.1	19.24
	18	85.3	10.29	102.2	11.92	118.4	13.69	126.7	14.71	134.7	15.63	150.9	17.58	168.1	19.63
	20	85.3	10.40	102.2	12.13	118.4	13.97	126.7	14.92	134.7	15.95	150.9	17.90	168.1	20.05
	21	85.3	10.50	102.2	12.24	118.4	14.08	126.7	15.11	134.7	16.06	150.9	18.11	168.1	20.27
	23	85.3	10.68	102.2	12.45	118.4	14.29	126.7	15.32	134.7	16.34	150.9	18.43	168.1	20.66
	25	85.3	10.79	102.2	12.66	118.4	14.61	126.7	15.63	134.7	16.87	150.9	19.35	168.1	22.11
	27	85.3	11.00	102.2	13.05	118.4	15.42	126.7	16.66	134.7	17.90	150.9	20.66	168.1	23.56
	29	85.3	11.63	102.2	13.90	118.4	16.34	126.7	17.69	134.7	19.03	150.9	21.90	168.1	25.00
	31	85.3	12.24	102.2	14.71	118.4	17.37	126.7	18.71	134.7	20.27	150.9	23.34	168.1	26.63
	33	85.3	12.95	102.2	15.53	118.4	18.43	126.7	19.84	134.7	21.50	150.9	24.79	168.1	28.40
	35	85.3	13.69	102.2	16.45	118.4	19.45	126.7	21.08	134.7	22.74	150.9	26.21	168.1	30.14
	37	85.3	14.50	102.2	17.37	118.4	20.58	126.7	22.32	134.7	24.05	150.9	27.98	168.1	31.98
	39	85.3	15.46	102.2	18.64	118.4	22.04	126.7	24.02	134.7	25.82	150.9	29.78	168.1	34.56
	41	83.2	16.73	99.4	20.16	115.2	24.09	123.5	26.03	131.4	27.98	147.2	32.65	163.8	37.53
	43	81.0	18.18	97.2	21.93	112.7	26.21	120.3	28.33	128.1	30.45	143.3	35.62	159.8	40.92
	46	76.0	20.37	91.1	24.62	105.5	29.43	112.7	31.83	119.9	34.20	134.3	40.07	149.8	46.09
	48	67.3	17.75	80.6	21.47	93.3	25.65	99.7	27.77	106.2	29.85	118.8	35.02	132.5	40.29

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

◆ ARUV891BTE5 / ARUV891DTE5

Cooling Capacity (74RT)

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	257.5	29.68	306.7	36.27	328.9	42.10	338.2	42.94	347.8	43.30	364.4	43.63	373.7	43.82
	12	257.5	30.44	306.7	37.58	328.9	43.82	338.2	44.11	347.8	44.47	364.4	44.80	373.7	45.20
	14	257.5	31.46	306.7	38.93	328.9	45.46	338.2	45.79	347.8	46.18	364.4	46.55	373.7	46.95
	16	257.5	32.59	306.7	40.31	328.9	47.50	338.2	47.94	347.8	48.34	364.4	48.77	373.7	49.14
	18	257.5	33.97	306.7	42.62	328.9	49.69	338.2	50.78	347.8	51.18	364.4	51.69	373.7	52.02
	20	257.5	35.47	306.7	45.42	328.9	52.13	338.2	55.84	347.8	56.28	359.2	56.83	368.5	57.23
	21	257.5	36.38	306.7	47.02	328.9	53.22	338.2	59.09	347.8	59.56	357.1	60.15	366.6	60.58
	23	257.5	39.04	306.7	49.47	328.9	55.99	338.2	65.21	343.3	65.72	351.9	66.38	361.1	66.82
	25	257.5	41.70	306.7	52.31	328.9	59.85	334.1	72.32	338.2	72.90	347.8	73.60	357.1	74.11
	27	257.5	44.62	306.7	55.92	324.8	63.76	328.9	79.61	334.1	80.23	343.3	81.04	351.9	81.58
	29	257.5	47.54	306.7	59.78	319.3	68.60	324.1	87.49	328.9	88.00	338.2	88.80	347.8	89.16
	31	257.5	50.74	305.9	62.96	314.1	72.98	319.3	87.12	324.1	87.64	333.0	88.43	342.3	88.77
	33	257.5	54.06	300.4	66.71	310.0	78.26	314.9	86.32	319.3	86.83	328.9	87.63	337.1	87.96
	35	257.5	57.63	295.2	69.88	304.5	84.79	310.0	85.19	314.9	85.70	323.4	86.47	333.0	86.83
	37	257.5	61.46	291.2	73.31	300.4	83.66	304.5	84.06	310.0	84.57	318.5	85.34	327.8	85.67
	39	257.5	65.44	286.0	77.17	295.2	82.53	300.4	82.96	304.5	83.44	314.1	84.20	323.4	84.53
	41	250.9	69.44	274.1	81.03	283.4	81.40	287.5	81.83	293.1	82.31	301.9	83.04	310.1	83.37
	43	244.9	73.23	262.7	79.90	271.6	80.30	276.0	80.71	281.5	81.18	290.1	81.91	297.9	82.24
	46	229.4	78.38	239.7	78.23	248.3	78.63	252.3	79.00	257.5	79.47	265.6	80.20	272.7	80.52
	48	203.1	76.19	208.0	76.44	215.7	76.59	219.4	76.80	223.9	77.46	231.2	77.94	237.5	78.26
120	10	233.1	26.72	277.1	32.74	303.0	38.93	312.2	42.07	321.5	42.72	338.9	42.90	347.1	43.23
	12	233.1	27.45	277.1	33.86	303.0	40.50	312.2	42.94	321.5	44.29	338.9	44.84	347.1	45.20
	14	233.1	28.36	277.1	35.00	303.0	42.11	312.2	44.58	321.5	45.93	338.9	46.62	347.1	46.99
	16	233.1	29.38	277.1	36.45	303.0	43.74	312.2	46.26	321.5	48.05	338.9	48.63	347.1	49.03
	18	233.1	30.55	277.1	38.09	303.0	45.49	312.2	48.67	321.5	50.52	338.9	51.10	347.1	51.51
	20	233.1	31.71	277.1	40.39	303.0	47.94	312.2	51.22	321.5	53.19	338.9	53.88	347.1	54.32
	21	233.1	32.66	277.1	41.85	303.0	49.29	312.2	52.74	321.5	54.94	338.9	55.63	347.1	56.10
	23	233.1	34.92	277.1	44.76	303.0	52.82	312.2	56.03	321.5	58.58	338.9	59.16	347.1	59.64
	25	233.1	37.33	277.1	47.94	303.0	55.70	312.2	59.74	321.5	62.81	334.8	63.35	343.0	63.86
	27	233.1	39.84	277.1	51.26	303.0	59.27	312.2	63.83	321.5	67.51	329.6	67.95	337.8	68.50
	29	233.1	42.50	277.1	54.72	303.0	62.37	312.2	68.31	316.3	71.96	324.5	73.02	333.7	73.60
	31	233.1	45.28	277.1	58.43	303.0	65.61	308.2	73.16	312.2	77.17	320.4	78.55	328.5	79.18
	33	233.1	48.22	277.1	62.30	298.9	69.41	303.0	79.43	307.1	82.86	315.2	83.81	323.4	84.46
	35	233.1	51.26	277.1	66.42	293.8	73.45	297.8	87.49	303.0	87.92	311.2	88.18	319.3	88.88
	37	233.1	55.15	277.1	70.06	289.4	78.30	293.8	85.66	297.8	86.07	306.0	86.32	314.1	87.01
	39	233.1	59.35	276.3	74.07	284.5	83.07	288.6	83.88	292.6	84.31	301.9	84.57	310.0	85.23
	41	227.2	63.58	264.2	78.05	273.1	81.43	276.8	82.13	280.8	82.53	289.0	82.79	297.4	83.44
	43	221.6	67.87	253.1	76.92	261.9	79.61	265.6	80.38	269.7	80.78	277.5	81.00	285.6	81.66
	46	207.6	72.98	230.8	75.09	239.0	77.10	242.7	77.72	246.4	78.12	253.8	78.34	261.2	78.96
	48	183.5	71.48	200.5	73.75	207.9	75.60	210.9	76.04	214.2	76.30	220.9	76.59	227.5	76.91
110	10	208.7	24.02	249.0	29.27	278.2	34.78	286.0	37.66	304.1	40.53	311.2	41.63	332.3	42.33
	12	208.7	24.79	249.0	30.26	278.2	36.23	286.0	38.71	304.1	42.03	311.2	43.38	332.3	44.40
	14	208.7	25.55	249.0	31.64	278.2	37.87	286.0	40.64	304.1	44.15	311.2	45.42	332.3	46.37
	16	208.7	26.46	249.0	32.77	278.2	39.44	286.0	42.40	304.1	46.19	311.2	47.46	332.3	48.30
	18	208.7	27.45	249.0	34.16	278.2	41.70	286.0	44.65	304.1	48.74	311.2	49.69	332.3	50.63
	20	208.7	28.43	249.0	35.87	278.2	44.22	286.0	46.70	304.1	51.10	311.2	52.35	332.3	53.19
	21	208.7	29.05	249.0	36.93	278.2	45.35	286.0	47.97	304.1	52.53	311.2	53.84	332.3	54.68
	23	208.7	30.95	249.0	39.59	278.2	47.90	286.0	50.63	304.1	55.48	311.2	56.68	332.3	57.60
	25	208.7	33.06	249.0	42.25	278.2	50.60	286.0	53.52	304.1	58.62	311.2	59.46	328.2	60.66
	27	208.7	35.32	249.0	45.16	278.2	53.47	286.0	56.65	304.1	61.21	311.2	62.63	323.4	63.68
	29	208.7	37.73	249.0	48.22	278.2	56.50	286.0	60.00	304.1	64.70	311.2	65.80	319.3	66.82
	31	208.7	40.10	249.0	51.40	278.2	59.71	286.0	63.57	299.3	67.98	307.1	69.30	314.1	70.03
	33	208.7	42.76	249.0	54.72	278.2	63.07	286.0	67.36	295.2	71.78	302.3	72.98	310.1	73.38
	35	208.7	45.42	249.0	58.43	278.2	66.63	286.0	71.38	290.1	75.75	297.1	76.48	305.2	76.84
	37	208.7	48.15	249.0	62.01	278.2	70.32	282.0	75.61	285.2	79.91	293.1	80.20	300.1	80.41
	39	208.7	51.91	249.0	65.91	273.0	74.22	277.1	80.89	281.2	83.88	288.2	84.02	296.3	84.10
	41	203.5	55.66	242.7	69.80	261.2	78.26	265.3	87.49	269.0	87.49	276.8	88.18	283.8	88.88
	43	198.3	58.44	236.5	72.72	250.5	83.00	254.6	83.92	257.9	83.73	265.6	84.21	272.3	84.46
	46	186.1	57.05	221.6	70.21	228.6	78.77	232.4	78.74	235.7	79.43	242.7	79.87	249.0	80.09
	48	164.6	55.41	192.8	67.62	198.6	74.95	202.0	75.42	204.6	75.79	211.2	76.01	216.8	76.33

7. Capacity Tables

Cooling Capacity (74RT)

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	175.7	21.62	209.0	26.29	243.4	31.20	260.1	33.72	276.8	36.23	307.1	40.32	313.7	40.64
	12	175.7	22.31	209.0	27.38	243.4	32.26	260.1	34.63	276.8	37.37	307.1	42.47	313.7	42.91
	14	175.7	23.04	209.0	28.47	243.4	33.61	260.1	36.12	276.8	38.97	307.1	44.87	313.7	45.28
	16	175.7	23.73	209.0	29.42	243.4	35.03	260.1	37.84	276.8	41.08	307.1	47.03	313.7	47.68
	18	175.7	24.42	209.0	30.51	243.4	36.41	260.1	39.66	276.8	43.56	307.1	49.69	313.7	50.09
	20	175.7	25.30	209.0	31.64	243.4	38.53	260.1	42.50	276.8	46.62	307.1	52.06	313.7	52.49
	21	175.7	25.81	209.0	32.41	243.4	39.84	260.1	43.96	276.8	48.34	307.1	53.26	313.7	53.69
	23	175.7	27.37	209.0	34.67	243.4	42.76	260.1	47.14	276.8	51.80	307.1	55.77	313.7	56.21
	25	175.7	29.09	209.0	36.93	243.4	45.68	260.1	50.45	276.8	55.37	307.1	58.14	311.1	58.62
	27	175.7	31.09	209.0	39.44	243.4	48.88	260.1	53.92	276.8	58.87	300.8	60.88	307.4	61.35
	29	175.7	33.06	209.0	42.10	243.4	52.20	260.1	57.63	276.8	62.33	295.3	63.32	302.6	63.83
	31	175.7	35.32	209.0	44.88	243.4	55.66	260.1	61.50	276.8	65.47	290.8	65.80	297.9	66.31
	33	175.7	37.44	209.0	47.82	243.4	59.38	260.1	65.61	276.8	67.95	286.3	68.24	293.4	68.79
	35	175.7	39.84	209.0	50.85	243.4	63.21	260.1	69.99	272.7	70.42	281.2	70.68	288.2	71.26
	37	175.7	42.68	209.0	54.57	243.4	66.96	260.1	73.31	268.2	73.67	276.0	73.97	282.3	74.66
	39	175.7	45.75	209.0	58.61	243.4	70.97	260.1	76.91	263.8	77.24	271.5	77.54	277.8	78.26
	41	172.8	48.81	205.7	62.66	239.4	74.95	249.7	80.49	254.9	80.82	261.2	81.11	269.4	81.84
	43	166.9	51.69	198.7	66.42	231.2	78.55	239.4	83.55	242.0	83.88	249.4	84.13	256.0	84.93
	46	156.5	55.59	186.1	71.60	216.8	83.30	218.6	87.49	220.9	87.74	227.9	88.00	234.2	88.84
	48	138.4	47.98	164.6	61.97	187.2	71.23	189.8	74.22	192.0	74.47	198.3	74.65	203.5	75.24
90	10	158.0	18.69	188.7	22.46	219.4	26.48	234.2	28.54	249.0	30.72	279.7	34.38	310.4	38.25
	12	158.0	18.91	188.7	22.82	219.4	26.95	234.2	29.12	249.0	31.41	279.7	35.07	310.4	38.91
	14	158.0	19.27	188.7	23.26	219.4	27.50	234.2	29.70	249.0	31.99	279.7	35.75	310.4	39.70
	16	158.0	19.60	188.7	23.73	219.4	28.08	234.2	30.25	249.0	32.56	279.7	36.44	310.4	40.39
	18	158.0	19.96	188.7	24.20	219.4	28.54	234.2	30.94	249.0	33.25	279.7	37.21	310.4	42.42
	20	158.0	20.29	188.7	24.63	219.4	29.12	234.2	31.52	249.0	34.49	279.7	39.84	310.4	44.45
	21	158.0	20.51	188.7	24.88	219.4	29.70	234.2	32.56	249.0	35.76	279.7	40.47	310.4	45.46
	23	158.0	20.97	188.7	25.90	219.4	31.74	234.2	34.96	249.0	38.29	279.7	42.93	306.0	47.60
	25	158.0	22.02	188.7	27.64	219.4	33.94	234.2	37.38	249.0	40.93	279.7	45.90	301.5	49.63
	27	158.0	23.51	188.7	29.45	219.4	36.22	234.2	39.88	249.0	43.79	279.7	48.80	297.1	51.95
	29	158.0	24.88	188.7	31.41	219.4	38.73	234.2	42.64	249.0	46.77	279.7	51.69	292.7	54.05
	31	158.0	26.48	188.7	33.47	219.4	41.26	234.2	45.39	249.0	49.85	279.7	54.27	288.2	56.15
	33	158.0	28.19	188.7	35.65	219.4	44.01	234.2	48.36	249.0	52.89	279.7	56.91	283.8	58.25
	35	158.0	29.92	188.7	37.82	219.4	46.77	234.2	51.58	249.0	56.08	274.9	60.17	279.4	61.55
	37	158.0	31.74	188.7	40.24	219.4	49.88	234.2	54.81	249.0	59.19	270.4	62.89	274.9	64.30
	39	158.0	33.62	188.7	42.78	219.4	52.78	234.2	58.32	249.0	62.24	266.0	66.29	270.5	67.09
	41	153.9	37.60	183.9	47.45	213.5	57.92	228.2	63.76	242.7	67.20	254.9	69.88	259.4	71.47
	43	150.2	40.61	179.1	51.26	208.3	63.28	222.4	68.68	236.5	72.05	244.2	74.81	248.7	75.74
	46	140.6	45.71	168.0	58.39	195.3	72.09	208.3	77.85	215.0	80.06	223.1	82.12	227.2	82.26
	48	124.3	39.95	148.7	51.08	172.8	63.07	184.3	67.92	186.8	68.98	193.9	70.71	197.6	70.79
80	10	140.2	15.60	167.2	18.75	194.2	21.99	208.0	23.73	222.0	25.47	249.0	29.05	276.0	31.53
	12	140.2	15.93	167.2	18.97	194.2	22.42	208.0	24.16	222.0	25.90	249.0	29.57	276.0	32.14
	14	140.2	16.14	167.2	19.41	194.2	22.75	208.0	24.60	222.0	26.34	249.0	30.11	276.0	32.79
	16	140.2	16.36	167.2	19.73	194.2	23.18	208.0	25.03	222.0	26.88	249.0	30.76	276.0	33.41
	18	140.2	16.69	167.2	20.06	194.2	23.62	208.0	25.47	222.0	27.42	249.0	31.31	276.0	34.14
	20	140.2	17.01	167.2	20.49	194.2	24.16	208.0	26.01	222.0	27.97	249.0	32.50	276.0	36.17
	21	140.2	17.12	167.2	20.71	194.2	24.38	208.0	26.34	222.0	28.62	249.0	33.52	276.0	37.11
	23	140.2	17.45	167.2	21.01	194.2	25.47	208.0	27.97	222.0	30.55	249.0	35.41	276.0	38.96
	25	140.2	18.10	167.2	22.42	194.2	27.31	208.0	29.89	222.0	32.72	249.0	37.91	276.0	41.65
	27	140.2	19.19	167.2	23.83	194.2	29.16	208.0	31.96	222.0	34.90	249.0	40.27	276.0	43.82
	29	140.2	20.38	167.2	25.47	194.2	30.98	208.0	34.03	222.0	37.29	249.0	43.13	276.0	46.91
	31	140.2	21.66	167.2	26.99	194.2	33.05	208.0	36.31	222.0	39.65	249.0	45.78	276.0	49.26
	33	140.2	22.96	167.2	28.84	194.2	35.22	208.0	38.67	222.0	42.26	249.0	48.25	276.0	51.65
	35	140.2	24.38	167.2	30.55	194.2	37.51	208.0	41.17	222.0	45.09	249.0	51.15	273.0	53.51
	37	140.2	25.79	167.2	32.50	194.2	39.76	208.0	43.78	222.0	47.89	249.0	53.98	268.6	55.94
	39	140.2	27.25	167.2	34.35	194.2	42.55	208.0	47.05	222.0	51.48	249.0	57.03	264.2	59.02
	41	136.6	30.15	162.8	38.06	189.1	46.69	202.8	51.59	216.4	56.55	242.7	63.45	253.1	65.41
	43	133.2	33.19	158.8	41.54	184.6	50.97	197.6	56.23	210.9	61.81	236.5	67.91	242.7	70.02
	46	125.0	36.93	148.8	46.79	172.8	57.43	185.4	62.58	197.6	69.73	216.4	74.15	221.6	75.31
	48	110.6	32.25	131.7	40.92	152.8	50.21	163.9	54.67	175.0	61.05	187.9	64.17	192.4	64.83

7. Capacity Tables

Cooling Capacity (74RT)

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	122.5	13.66	146.9	16.24	169.9	18.82	182.0	20.34	194.2	21.72	217.5	24.74	241.6	27.68
	12	122.5	13.88	146.9	16.46	169.9	19.25	182.0	20.64	194.2	22.16	217.5	25.17	241.6	28.19
	14	122.5	14.09	146.9	16.67	169.9	19.58	182.0	20.96	194.2	22.49	217.5	25.72	241.6	28.70
	16	122.5	14.31	146.9	17.00	169.9	19.91	182.0	21.40	194.2	22.92	217.5	26.12	241.6	29.32
	18	122.5	14.53	146.9	17.33	169.9	20.34	182.0	21.83	194.2	23.33	217.5	26.56	241.6	29.83
	20	122.5	14.75	146.9	17.65	169.9	20.64	182.0	22.27	194.2	23.87	217.5	27.21	241.6	30.99
	21	122.5	14.96	146.9	17.76	169.9	20.85	182.0	22.49	194.2	24.09	217.5	27.65	241.6	31.64
	23	122.5	15.15	146.9	18.17	169.9	21.29	182.0	23.22	194.2	25.28	217.5	29.57	241.6	33.39
	25	122.5	15.37	146.9	18.82	169.9	22.70	182.0	24.85	194.2	26.99	217.5	31.61	241.6	35.02
	27	122.5	16.24	146.9	20.12	169.9	24.20	182.0	26.34	194.2	28.81	217.5	33.78	241.6	37.20
	29	122.5	17.33	146.9	21.29	169.9	25.72	182.0	28.08	194.2	30.66	217.5	36.04	241.6	39.89
	31	122.5	18.38	146.9	22.70	169.9	27.43	182.0	30.01	194.2	32.70	217.5	38.40	241.6	42.32
	33	122.5	19.47	146.9	23.98	169.9	29.14	182.0	31.83	194.2	34.73	217.5	40.87	241.6	45.05
	35	122.5	20.53	146.9	25.61	169.9	30.99	182.0	33.89	194.2	36.99	217.5	43.56	241.6	47.77
	37	122.5	21.83	146.9	27.10	169.9	32.91	182.0	36.04	194.2	39.38	217.5	46.36	241.6	50.39
	39	122.5	23.18	146.9	28.92	169.9	35.20	182.0	38.76	194.2	42.54	217.5	49.62	241.6	54.35
	41	119.5	25.65	143.2	31.68	165.7	38.61	177.6	42.51	189.1	46.24	211.7	54.49	235.3	58.63
	43	116.5	27.90	139.5	34.51	161.7	42.11	173.1	46.36	184.6	50.49	206.5	59.54	229.4	63.39
	46	109.2	31.02	130.6	38.80	151.3	47.44	162.1	51.66	172.8	56.89	193.5	67.14	215.0	70.66
	48	96.6	27.06	115.8	33.90	133.9	41.45	143.5	45.12	152.8	49.77	171.3	58.74	190.2	61.14
60	10	105.1	11.75	125.4	13.79	145.8	16.01	156.1	17.17	166.2	18.26	186.8	20.70	207.2	23.17
	12	105.1	11.97	125.4	13.97	145.8	16.23	156.1	17.39	166.2	18.59	186.8	21.03	207.2	23.58
	14	105.1	12.08	125.4	14.19	145.8	16.55	156.1	17.72	166.2	18.88	186.8	21.46	207.2	24.01
	16	105.1	12.26	125.4	14.52	145.8	16.77	156.1	18.04	166.2	19.32	186.8	21.90	207.2	24.45
	18	105.1	12.48	125.4	14.73	145.8	17.07	156.1	18.37	166.2	19.65	186.8	22.19	207.2	24.99
	20	105.1	12.70	125.4	14.95	145.8	17.39	156.1	18.67	166.2	19.97	186.8	22.63	207.2	25.51
	21	105.1	12.81	125.4	15.06	145.8	17.61	156.1	18.88	166.2	20.19	186.8	22.96	207.2	25.72
	23	105.1	13.02	125.4	15.39	145.8	17.83	156.1	19.21	166.2	20.59	186.8	23.80	207.2	27.32
	25	105.1	13.24	125.4	15.68	145.8	18.59	156.1	20.19	166.2	21.90	186.8	25.40	207.2	29.25
	27	105.1	13.68	125.4	16.55	145.8	19.75	156.1	21.46	166.2	23.28	186.8	27.00	207.2	31.18
	29	105.1	14.52	125.4	17.61	145.8	21.03	156.1	22.85	166.2	24.77	186.8	28.82	207.2	33.29
	31	105.1	15.39	125.4	18.67	145.8	22.30	156.1	24.34	166.2	26.37	186.8	30.74	207.2	35.44
	33	105.1	16.23	125.4	19.75	145.8	23.69	156.1	25.83	166.2	28.08	186.8	32.67	207.2	37.80
	35	105.1	17.17	125.4	21.03	145.8	25.18	156.1	27.43	166.2	29.79	186.8	34.81	207.2	40.13
	37	105.1	18.15	125.4	22.19	145.8	26.70	156.1	29.14	166.2	31.61	186.8	36.93	207.2	42.71
	39	105.1	19.29	125.4	23.65	145.8	28.81	156.1	31.25	166.2	34.01	186.8	39.62	207.2	45.77
	41	102.1	20.92	122.1	25.87	142.1	31.29	152.1	34.16	162.0	36.92	182.0	43.47	202.0	49.73
	43	99.9	22.74	119.1	28.16	138.7	34.09	148.4	37.22	158.0	40.24	177.6	47.44	196.8	54.32
	46	93.6	25.47	111.7	31.61	129.9	38.35	139.1	41.84	148.0	45.29	166.2	53.45	184.6	61.88
	48	82.8	22.19	98.8	27.58	115.0	33.51	122.9	36.53	131.0	39.58	147.2	46.75	163.2	54.14
50	10	87.7	10.06	105.1	11.66	121.7	13.23	130.2	14.21	138.4	15.05	155.0	16.94	172.8	18.87
	12	87.7	10.17	105.1	11.77	121.7	13.45	130.2	14.39	138.4	15.37	155.0	17.27	172.8	19.17
	14	87.7	10.28	105.1	11.98	121.7	13.66	130.2	14.61	138.4	15.56	155.0	17.49	172.8	19.49
	16	87.7	10.49	105.1	12.17	121.7	13.88	130.2	14.94	138.4	15.78	155.0	17.81	172.8	19.82
	18	87.7	10.60	105.1	12.28	121.7	14.10	130.2	15.16	138.4	16.10	155.0	18.11	172.8	20.22
	20	87.7	10.71	105.1	12.50	121.7	14.39	130.2	15.37	138.4	16.43	155.0	18.44	172.8	20.66
	21	87.7	10.82	105.1	12.61	121.7	14.50	130.2	15.56	138.4	16.54	155.0	18.65	172.8	20.88
	23	87.7	11.01	105.1	12.82	121.7	14.72	130.2	15.78	138.4	16.84	155.0	18.98	172.8	21.28
	25	87.7	11.11	105.1	13.04	121.7	15.05	130.2	16.10	138.4	17.38	155.0	19.93	172.8	22.77
	27	87.7	11.33	105.1	13.45	121.7	15.89	130.2	17.16	138.4	18.44	155.0	21.28	172.8	24.27
	29	87.7	11.98	105.1	14.32	121.7	16.84	130.2	18.22	138.4	19.60	155.0	22.56	172.8	25.76
	31	87.7	12.61	105.1	15.16	121.7	17.89	130.2	19.28	138.4	20.88	155.0	24.05	172.8	27.44
	33	87.7	13.34	105.1	16.00	121.7	18.98	130.2	20.44	138.4	22.15	155.0	25.54	172.8	29.25
	35	87.7	14.10	105.1	16.94	121.7	20.04	130.2	21.72	138.4	23.43	155.0	27.00	172.8	31.04
	37	87.7	14.94	105.1	17.89	121.7	21.20	130.2	22.99	138.4	24.78	155.0	28.82	172.8	32.94
	39	87.7	15.92	105.1	19.20	121.7	22.70	130.2	24.74	138.4	26.60	155.0	30.68	172.8	35.60
	41	85.5	17.23	102.1	20.77	118.4	24.81	126.9	26.81	135.0	28.82	151.3	33.63	168.3	38.66
	43	83.3	18.73	99.9	22.59	115.8	27.00	123.6	29.18	131.7	31.37	147.3	36.69	164.3	42.16
	46	78.1	20.98	93.6	25.36	108.4	30.31	115.8	32.79	123.2	35.23	138.0	41.28	153.9	47.47
	48	69.2	18.29	82.8	22.11	95.8	26.42	102.5	28.60	109.1	30.75	122.1	36.07	136.1	41.50

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

◆ ARUV915BTE5 / ARUV915DTE5

Cooling Capacity (76RT)

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	264.6	30.32	315.1	37.06	337.9	43.02	347.4	43.88	357.3	44.24	374.4	44.58	383.9	44.77
	12	264.6	31.10	315.1	38.40	337.9	44.77	347.4	45.07	357.3	45.44	374.4	45.78	383.9	46.19
	14	264.6	32.14	315.1	39.78	337.9	46.45	347.4	46.78	357.3	47.19	374.4	47.56	383.9	47.97
	16	264.6	33.30	315.1	41.19	337.9	48.53	347.4	48.98	357.3	49.39	374.4	49.83	383.9	50.21
	18	264.6	34.71	315.1	43.54	337.9	50.77	347.4	51.88	357.3	52.29	374.4	52.81	383.9	53.15
	20	264.6	36.24	315.1	46.41	337.9	53.26	347.4	57.06	357.3	57.51	369.0	58.07	378.6	58.48
	21	264.6	37.17	315.1	48.04	337.9	54.38	347.4	60.37	357.3	60.86	366.8	61.46	376.6	61.90
	23	264.6	39.89	315.1	50.54	337.9	57.21	347.4	66.63	352.7	67.15	361.5	67.82	371.0	68.27
	25	264.6	42.61	315.1	53.44	337.9	61.15	343.2	73.89	347.4	74.49	357.3	75.20	366.8	75.72
	27	264.6	45.59	315.1	57.13	333.7	65.14	337.9	81.34	343.2	81.98	352.7	82.80	361.5	83.36
	29	264.6	48.57	315.1	61.08	328.0	70.09	332.9	89.39	337.9	89.91	347.4	90.73	357.3	91.10
	31	264.6	51.84	314.3	64.32	322.7	74.56	328.0	89.01	332.9	89.54	342.1	90.35	351.6	90.69
	33	264.6	55.23	308.6	68.16	318.5	79.96	323.5	88.20	328.0	88.72	337.9	89.53	346.3	89.87
	35	264.6	58.89	303.3	71.39	312.8	86.63	318.5	87.04	323.5	87.56	332.2	88.35	342.1	88.71
	37	264.6	62.80	299.1	74.90	308.6	85.48	312.8	85.89	318.5	86.41	327.2	87.19	336.8	87.53
	39	264.6	66.86	293.8	78.85	303.3	84.32	308.6	84.77	312.8	85.25	322.7	86.03	332.2	86.37
	41	257.7	70.95	281.6	82.79	291.1	83.17	295.3	83.61	301.1	84.10	310.2	84.85	318.5	85.18
	43	251.6	74.82	269.8	81.64	279.0	82.05	283.5	82.46	289.2	82.94	298.0	83.69	306.0	84.02
	46	235.7	80.08	246.3	79.93	255.0	80.33	259.2	80.71	264.5	81.20	272.9	81.94	280.2	82.27
	48	208.6	77.84	213.6	78.10	221.6	78.25	225.4	78.47	230.0	79.14	237.5	79.63	244.0	79.96
120	10	239.5	27.30	284.7	33.45	311.3	39.77	320.8	42.98	330.3	43.65	348.1	43.84	356.5	44.17
	12	239.5	28.04	284.7	34.60	311.3	41.38	320.8	43.88	330.3	45.26	348.1	45.81	356.5	46.18
	14	239.5	28.98	284.7	35.76	311.3	43.02	320.8	45.55	330.3	46.93	348.1	47.63	356.5	48.01
	16	239.5	30.02	284.7	37.24	311.3	44.69	320.8	47.26	330.3	49.09	348.1	49.69	356.5	50.09
	18	239.5	31.21	284.7	38.92	311.3	46.48	320.8	49.72	330.3	51.62	348.1	52.21	356.5	52.63
	20	239.5	32.40	284.7	41.26	311.3	48.98	320.8	52.33	330.3	54.34	348.1	55.05	356.5	55.50
	21	239.5	33.37	284.7	42.75	311.3	50.36	320.8	53.89	330.3	56.13	348.1	56.84	356.5	57.32
	23	239.5	35.68	284.7	45.74	311.3	53.97	320.8	57.25	330.3	59.85	348.1	60.45	356.5	60.93
	25	239.5	38.14	284.7	48.98	311.3	56.91	320.8	61.04	330.3	64.17	344.0	64.73	352.3	65.25
	27	239.5	40.71	284.7	52.37	311.3	60.56	320.8	65.21	330.3	68.98	338.6	69.43	347.0	69.98
	29	239.5	43.43	284.7	55.90	311.3	63.73	320.8	69.79	324.9	73.52	333.3	74.60	342.8	75.20
	31	239.5	46.26	284.7	59.70	311.3	67.04	316.6	74.75	320.8	78.85	329.1	80.26	337.5	80.89
	33	239.5	49.27	284.7	63.65	307.1	70.91	311.3	81.15	315.4	84.66	323.8	85.63	332.2	86.30
	35	239.5	52.37	284.7	67.86	301.8	75.05	305.9	89.39	311.3	89.83	319.7	90.10	328.0	90.81
	37	239.5	56.35	284.7	71.59	297.3	80.00	301.8	87.52	305.9	87.94	314.3	88.20	322.7	88.90
	39	239.5	60.64	283.9	75.68	292.3	84.88	296.4	85.70	300.6	86.15	310.2	86.41	318.5	87.08
	41	233.4	64.96	271.4	79.74	280.5	83.20	284.3	83.91	288.5	84.32	296.9	84.58	305.6	85.25
	43	227.7	69.35	260.0	78.59	269.1	81.34	272.9	82.12	277.0	82.53	285.1	82.76	293.4	83.43
	46	213.2	74.56	237.1	76.72	245.6	78.77	249.3	79.41	253.1	79.82	260.7	80.04	268.4	80.68
	48	188.6	73.04	206.0	75.35	213.6	77.24	216.7	77.69	220.1	77.95	226.9	78.25	233.7	78.58
110	10	214.4	24.54	255.8	29.91	285.8	35.53	293.8	38.47	312.4	41.41	319.7	42.54	341.3	43.24
	12	214.4	25.32	255.8	30.92	285.8	37.02	293.8	39.55	312.4	42.95	319.7	44.32	341.3	45.36
	14	214.4	26.11	255.8	32.33	285.8	38.70	293.8	41.52	312.4	45.11	319.7	46.41	341.3	47.38
	16	214.4	27.04	255.8	33.49	285.8	40.30	293.8	43.32	312.4	47.19	319.7	48.49	341.3	49.35
	18	214.4	28.04	255.8	34.90	285.8	42.61	293.8	45.62	312.4	49.79	319.7	50.77	341.3	51.73
	20	214.4	29.05	255.8	36.65	285.8	45.18	293.8	47.71	312.4	52.21	319.7	53.48	341.3	54.34
	21	214.4	29.68	255.8	37.73	285.8	46.34	293.8	49.01	312.4	53.67	319.7	55.01	341.3	55.87
	23	214.4	31.62	255.8	40.45	285.8	48.94	293.8	51.73	312.4	56.69	319.7	57.91	341.3	58.85
	25	214.4	33.78	255.8	43.16	285.8	51.70	293.8	54.68	312.4	59.89	319.7	60.75	337.1	61.98
	27	214.4	36.09	255.8	46.14	285.8	54.64	293.8	57.88	312.4	62.54	319.7	63.99	332.2	65.07
	29	214.4	38.55	255.8	49.27	285.8	57.73	293.8	61.30	312.4	66.11	319.7	67.23	328.0	68.27
	31	214.4	40.97	255.8	52.51	285.8	61.01	293.8	64.95	307.5	69.46	315.5	70.81	322.7	71.55
	33	214.4	43.69	255.8	55.90	285.8	64.44	293.8	68.83	303.3	73.34	310.5	74.56	318.5	74.97
	35	214.4	46.41	255.8	59.70	285.8	68.08	293.8	72.93	298.0	77.40	305.2	78.14	313.6	78.51
	37	214.4	49.20	255.8	63.36	285.8	71.85	289.7	77.25	293.0	81.64	301.1	81.94	308.3	82.16
	39	214.4	53.03	255.8	67.34	280.5	75.83	284.7	82.64	288.9	85.70	296.1	85.85	304.4	85.92
	41	209.0	56.87	249.3	71.32	268.4	79.96	272.6	89.39	276.3	89.39	284.3	90.10	291.5	90.81
	43	203.8	59.71	242.9	74.30	257.3	84.80	261.5	85.74	264.9	85.55	272.9	86.04	279.7	86.29
	46	191.2	58.29	227.7	71.73	234.9	80.48	238.7	80.45	242.1	81.16	249.3	81.60	255.8	81.83
	48	169.1	56.61	198.0	69.09	204.1	76.57	207.5	77.06	210.2	77.43	217.0	77.66	222.7	77.99

7. Capacity Tables

Cooling Capacity (76RT)

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	180.5	22.09	214.7	26.86	250.1	31.88	267.2	34.45	284.3	37.02	315.4	41.19	322.3	41.53
	12	180.5	22.80	214.7	27.97	250.1	32.96	267.2	35.38	284.3	38.18	315.4	43.39	322.3	43.84
	14	180.5	23.54	214.7	29.09	250.1	34.34	267.2	36.91	284.3	39.82	315.4	45.85	322.3	46.26
	16	180.5	24.25	214.7	30.05	250.1	35.80	267.2	38.66	284.3	41.98	315.4	48.05	322.3	48.72
	18	180.5	24.95	214.7	31.17	250.1	37.20	267.2	40.52	284.3	44.51	315.4	50.76	322.3	51.17
	20	180.5	25.85	214.7	32.33	250.1	39.36	267.2	43.43	284.3	47.63	315.4	53.19	322.3	53.63
	21	180.5	26.37	214.7	33.11	250.1	40.71	267.2	44.92	284.3	49.39	315.4	54.41	322.3	54.86
	23	180.5	27.97	214.7	35.42	250.1	43.69	267.2	48.16	284.3	52.92	315.4	56.98	322.3	57.43
	25	180.5	29.72	214.7	37.73	250.1	46.67	267.2	51.55	284.3	56.58	315.4	59.41	319.6	59.89
	27	180.5	31.77	214.7	40.30	250.1	49.94	267.2	55.09	284.3	60.15	309.0	62.20	315.8	62.69
	29	180.5	33.78	214.7	43.02	250.1	53.33	267.2	58.89	284.3	63.69	303.3	64.70	310.9	65.22
	31	180.5	36.09	214.7	45.85	250.1	56.87	267.2	62.83	284.3	66.89	298.8	67.22	306.0	67.75
	33	180.5	38.25	214.7	48.86	250.1	60.67	267.2	67.04	284.3	69.42	294.2	69.72	301.4	70.28
	35	180.5	40.71	214.7	51.96	250.1	64.58	267.2	71.51	280.1	71.95	288.8	72.22	296.1	72.81
	37	180.5	43.61	214.7	55.75	250.1	68.42	267.2	74.90	275.5	75.27	283.5	75.57	290.0	76.28
	39	180.5	46.74	214.7	59.89	250.1	72.51	267.2	78.58	271.0	78.92	278.9	79.22	285.4	79.96
	41	177.5	49.87	211.3	64.02	245.9	76.58	256.5	82.24	261.9	82.57	268.3	82.87	276.7	83.62
	43	171.4	52.81	204.1	67.86	237.6	80.26	245.9	85.37	248.6	85.70	256.2	85.96	263.0	86.78
	46	160.7	56.80	191.2	73.15	222.7	85.11	224.6	89.39	226.9	89.65	234.1	89.91	240.6	90.77
	48	142.1	49.02	169.1	63.31	192.3	72.77	195.0	75.83	197.2	76.09	203.7	76.27	209.1	76.87
90	10	162.3	19.27	193.8	23.16	225.4	27.31	240.6	29.43	255.8	31.68	287.3	35.45	318.9	39.44
	12	162.3	19.50	193.8	23.53	225.4	27.79	240.6	30.03	255.8	32.39	287.3	36.16	318.9	40.12
	14	162.3	19.87	193.8	23.98	225.4	28.36	240.6	30.63	255.8	32.98	287.3	36.87	318.9	40.94
	16	162.3	20.21	193.8	24.47	225.4	28.95	240.6	31.19	255.8	33.58	287.3	37.58	318.9	41.65
	18	162.3	20.58	193.8	24.95	225.4	29.43	240.6	31.90	255.8	34.29	287.3	38.37	318.9	43.74
	20	162.3	20.92	193.8	25.40	225.4	30.03	240.6	32.50	255.8	35.56	287.3	41.09	318.9	45.83
	21	162.3	21.15	193.8	25.66	225.4	30.63	240.6	33.58	255.8	36.87	287.3	41.73	318.9	46.88
	23	162.3	21.63	193.8	26.71	225.4	32.73	240.6	36.05	255.8	39.48	287.3	44.27	314.3	49.08
	25	162.3	22.71	193.8	28.50	225.4	35.00	240.6	38.55	255.8	42.21	287.3	47.33	309.8	51.18
	27	162.3	24.24	193.8	30.37	225.4	37.35	240.6	41.13	255.8	45.16	287.3	50.32	305.2	53.57
	29	162.3	25.66	193.8	32.39	225.4	39.94	240.6	43.97	255.8	48.22	287.3	53.31	300.7	55.74
	31	162.3	27.31	193.8	34.52	225.4	42.55	240.6	46.81	255.8	51.40	287.3	55.96	296.1	57.90
	33	162.3	29.06	193.8	36.76	225.4	45.39	240.6	49.87	255.8	54.54	287.3	58.68	291.6	60.07
	35	162.3	30.85	193.8	39.00	225.4	48.22	240.6	53.19	255.8	57.83	282.4	62.04	287.0	63.46
	37	162.3	32.73	193.8	41.50	225.4	51.43	240.6	56.52	255.8	61.04	277.8	64.85	282.4	66.30
	39	162.3	34.67	193.8	44.12	225.4	54.43	240.6	60.14	255.8	64.18	273.3	68.36	277.9	69.18
	41	158.1	38.78	188.9	48.93	219.3	59.73	234.5	65.75	249.3	69.30	261.9	72.06	266.4	73.70
	43	154.3	41.87	184.0	52.86	214.0	65.26	228.5	70.82	242.9	74.30	250.9	77.14	255.5	78.11
	46	144.4	47.14	172.6	60.21	200.7	74.34	214.0	80.28	220.8	82.55	229.2	84.69	233.4	84.83
	48	127.7	41.20	152.8	52.67	177.5	65.04	189.3	70.04	191.9	71.13	199.2	72.91	203.0	72.99
80	10	144.1	16.12	171.8	19.38	199.5	22.72	213.6	24.51	228.1	26.31	255.8	30.02	283.5	32.57
	12	144.1	16.46	171.8	19.60	199.5	23.17	213.6	24.96	228.1	26.76	255.8	30.55	283.5	33.21
	14	144.1	16.68	171.8	20.05	199.5	23.50	213.6	25.41	228.1	27.21	255.8	31.11	283.5	33.88
	16	144.1	16.90	171.8	20.39	199.5	23.95	213.6	25.86	228.1	27.77	255.8	31.79	283.5	34.52
	18	144.1	17.24	171.8	20.72	199.5	24.40	213.6	26.31	228.1	28.33	255.8	32.35	283.5	35.27
	20	144.1	17.58	171.8	21.17	199.5	24.96	213.6	26.87	228.1	28.90	255.8	33.58	283.5	37.37
	21	144.1	17.69	171.8	21.40	199.5	25.19	213.6	27.21	228.1	29.57	255.8	34.64	283.5	38.35
	23	144.1	18.03	171.8	21.71	199.5	26.31	213.6	28.90	228.1	31.56	255.8	36.58	283.5	40.25
	25	144.1	18.70	171.8	23.17	199.5	28.22	213.6	30.89	228.1	33.81	255.8	39.16	283.5	43.03
	27	144.1	19.83	171.8	24.63	199.5	30.13	213.6	33.02	228.1	36.06	255.8	41.60	283.5	45.28
	29	144.1	21.06	171.8	26.31	199.5	32.01	213.6	35.16	228.1	38.53	255.8	44.57	283.5	48.46
	31	144.1	22.38	171.8	27.88	199.5	34.15	213.6	37.52	228.1	40.97	255.8	47.30	283.5	50.90
	33	144.1	23.73	171.8	29.79	199.5	36.39	213.6	39.96	228.1	43.67	255.8	49.85	283.5	53.37
	35	144.1	25.19	171.8	31.56	199.5	38.75	213.6	42.54	228.1	46.59	255.8	52.85	280.5	55.29
	37	144.1	26.65	171.8	33.58	199.5	41.08	213.6	45.24	228.1	49.48	255.8	55.77	275.9	57.80
	39	144.1	28.15	171.8	35.49	199.5	43.96	213.6	48.62	228.1	53.19	255.8	58.92	271.4	60.98
	41	140.3	31.15	167.3	39.32	194.2	48.24	208.3	53.30	222.3	58.43	249.3	65.56	260.0	67.58
	43	136.9	34.30	163.1	42.92	189.6	52.66	203.0	58.10	216.7	63.87	242.9	70.16	249.3	72.34
	46	128.4	38.16	152.8	48.35	177.5	59.33	190.4	64.66	203.0	72.04	222.3	76.61	227.6	77.81
	48	113.6	33.32	135.3	42.28	157.0	51.88	168.4	56.48	179.8	63.08	193.1	66.30	197.6	66.98

7. Capacity Tables

Cooling Capacity (76RT)

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	125.8	14.14	150.9	16.81	174.5	19.48	187.0	21.06	199.5	22.49	223.5	25.61	248.2	28.66
	12	125.8	14.37	150.9	17.04	174.5	19.93	187.0	21.37	199.5	22.94	223.5	26.06	248.2	29.19
	14	125.8	14.59	150.9	17.26	174.5	20.27	187.0	21.70	199.5	23.28	223.5	26.63	248.2	29.71
	16	125.8	14.82	150.9	17.60	174.5	20.61	187.0	22.15	199.5	23.73	223.5	27.05	248.2	30.35
	18	125.8	15.04	150.9	17.94	174.5	21.06	187.0	22.60	199.5	24.15	223.5	27.50	248.2	30.88
	20	125.8	15.27	150.9	18.28	174.5	21.37	187.0	23.05	199.5	24.71	223.5	28.17	248.2	32.08
	21	125.8	15.49	150.9	18.39	174.5	21.59	187.0	23.28	199.5	24.94	223.5	28.62	248.2	32.76
	23	125.8	15.69	150.9	18.81	174.5	22.04	187.0	24.04	199.5	26.18	223.5	30.62	248.2	34.57
	25	125.8	15.91	150.9	19.48	174.5	23.50	187.0	25.73	199.5	27.95	223.5	32.72	248.2	36.26
	27	125.8	16.81	150.9	20.83	174.5	25.05	187.0	27.27	199.5	29.83	223.5	34.98	248.2	38.52
	29	125.8	17.94	150.9	22.04	174.5	26.63	187.0	29.07	199.5	31.74	223.5	37.31	248.2	41.29
	31	125.8	19.03	150.9	23.50	174.5	28.40	187.0	31.07	199.5	33.85	223.5	39.75	248.2	43.81
	33	125.8	20.16	150.9	24.82	174.5	30.17	187.0	32.95	199.5	35.96	223.5	42.31	248.2	46.64
	35	125.8	21.25	150.9	26.51	174.5	32.08	187.0	35.09	199.5	38.29	223.5	45.10	248.2	49.46
	37	125.8	22.60	150.9	28.06	174.5	34.07	187.0	37.31	199.5	40.77	223.5	47.99	248.2	52.17
	39	125.8	24.00	150.9	29.94	174.5	36.44	187.0	40.13	199.5	44.04	223.5	51.37	248.2	56.26
	41	122.8	26.55	147.1	32.80	170.3	39.98	182.4	44.01	194.2	47.87	217.4	56.42	241.7	60.70
	43	119.7	28.89	143.3	35.73	166.1	43.59	177.9	47.99	189.6	52.28	212.1	61.64	235.7	65.63
	46	112.1	32.12	134.2	40.17	155.5	49.12	166.5	53.48	177.5	58.90	198.8	69.51	220.9	73.15
	48	99.2	28.02	118.9	35.09	137.6	42.92	147.4	46.71	157.0	51.53	176.0	60.82	195.4	63.30
60	10	107.9	12.19	128.8	14.30	149.8	16.61	160.4	17.82	170.7	18.94	191.9	21.48	212.8	24.04
	12	107.9	12.41	128.8	14.50	149.8	16.83	160.4	18.04	170.7	19.28	191.9	21.82	212.8	24.46
	14	107.9	12.53	128.8	14.72	149.8	17.17	160.4	18.38	170.7	19.59	191.9	22.27	212.8	24.91
	16	107.9	12.72	128.8	15.06	149.8	17.40	160.4	18.72	170.7	20.04	191.9	22.72	212.8	25.36
	18	107.9	12.95	128.8	15.28	149.8	17.70	160.4	19.06	170.7	20.38	191.9	23.03	212.8	25.93
	20	107.9	13.17	128.8	15.51	149.8	18.04	160.4	19.37	170.7	20.72	191.9	23.48	212.8	26.46
	21	107.9	13.29	128.8	15.62	149.8	18.27	160.4	19.59	170.7	20.94	191.9	23.81	212.8	26.68
	23	107.9	13.51	128.8	15.96	149.8	18.49	160.4	19.93	170.7	21.36	191.9	24.69	212.8	28.35
	25	107.9	13.74	128.8	16.27	149.8	19.28	160.4	20.94	170.7	22.72	191.9	26.35	212.8	30.34
	27	107.9	14.19	128.8	17.17	149.8	20.49	160.4	22.27	170.7	24.15	191.9	28.01	212.8	32.34
	29	107.9	15.06	128.8	18.27	149.8	21.82	160.4	23.70	170.7	25.70	191.9	29.89	212.8	34.54
	31	107.9	15.96	128.8	19.37	149.8	23.14	160.4	25.25	170.7	27.36	191.9	31.89	212.8	36.76
	33	107.9	16.83	128.8	20.49	149.8	24.57	160.4	26.80	170.7	29.13	191.9	33.89	212.8	39.21
	35	107.9	17.82	128.8	21.82	149.8	26.12	160.4	28.46	170.7	30.91	191.9	36.12	212.8	41.63
	37	107.9	18.83	128.8	23.02	149.8	27.70	160.4	30.23	170.7	32.79	191.9	38.31	212.8	44.31
	39	107.9	20.01	128.8	24.53	149.8	29.89	160.4	32.42	170.7	35.29	191.9	41.10	212.8	47.48
	41	104.9	21.70	125.4	26.83	146.0	32.46	156.2	35.44	166.5	38.30	187.0	45.10	207.5	51.59
	43	102.6	23.59	122.4	29.21	142.5	35.37	152.4	38.61	162.3	41.75	182.4	49.22	202.2	56.35
	46	96.1	26.42	114.8	32.80	133.4	39.78	142.9	43.40	152.1	46.99	170.7	55.45	189.6	64.20
	48	85.1	23.02	101.5	28.61	118.2	34.76	126.2	37.90	134.6	41.06	151.2	48.50	167.6	56.16
50	10	90.1	10.46	107.9	12.12	125.0	13.75	133.8	14.77	142.2	15.64	159.3	17.61	177.5	19.62
	12	90.1	10.57	107.9	12.23	125.0	13.98	133.8	14.96	142.2	15.98	159.3	17.95	177.5	19.93
	14	90.1	10.68	107.9	12.46	125.0	14.20	133.8	15.19	142.2	16.18	159.3	18.18	177.5	20.26
	16	90.1	10.91	107.9	12.65	125.0	14.43	133.8	15.53	142.2	16.40	159.3	18.52	177.5	20.60
	18	90.1	11.02	107.9	12.77	125.0	14.66	133.8	15.75	142.2	16.74	159.3	18.83	177.5	21.02
	20	90.1	11.13	107.9	12.99	125.0	14.96	133.8	15.98	142.2	17.08	159.3	19.16	177.5	21.48
	21	90.1	11.25	107.9	13.11	125.0	15.08	133.8	16.18	142.2	17.19	159.3	19.39	177.5	21.70
	23	90.1	11.44	107.9	13.33	125.0	15.30	133.8	16.40	142.2	17.50	159.3	19.73	177.5	22.12
	25	90.1	11.55	107.9	13.56	125.0	15.64	133.8	16.74	142.2	18.07	159.3	20.72	177.5	23.67
	27	90.1	11.78	107.9	13.98	125.0	16.52	133.8	17.84	142.2	19.16	159.3	22.12	177.5	25.22
	29	90.1	12.46	107.9	14.88	125.0	17.50	133.8	18.94	142.2	20.38	159.3	23.45	177.5	26.77
	31	90.1	13.11	107.9	15.75	125.0	18.60	133.8	20.04	142.2	21.70	159.3	25.00	177.5	28.52
	33	90.1	13.87	107.9	16.63	125.0	19.73	133.8	21.25	142.2	23.03	159.3	26.55	177.5	30.41
	35	90.1	14.66	107.9	17.61	125.0	20.83	133.8	22.57	142.2	24.35	159.3	28.07	177.5	32.27
	37	90.1	15.53	107.9	18.60	125.0	22.04	133.8	23.90	142.2	25.76	159.3	29.96	177.5	34.24
	39	90.1	16.55	107.9	19.96	125.0	23.60	133.8	25.72	142.2	27.65	159.3	31.89	177.5	37.00
	41	87.8	17.91	104.9	21.59	121.7	25.80	130.3	27.87	138.7	29.96	155.4	34.96	172.9	40.18
	43	85.6	19.47	102.6	23.49	118.9	28.07	127.0	30.34	135.3	32.61	151.3	38.14	168.7	43.82
	46	80.2	21.81	96.1	26.36	111.4	31.51	119.0	34.08	126.6	36.62	141.8	42.91	158.1	49.35
	48	71.1	19.01	85.1	22.99	98.5	27.46	105.3	29.73	112.1	31.97	125.5	37.50	139.9	43.14

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

◆ ARUV939BTE5 / ARUV939DTE5

Cooling Capacity (78RT)

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	271.5	31.01	323.4	37.91	346.7	44.00	356.5	44.88	366.6	45.25	384.2	45.60	394.0	45.79
	12	271.5	31.81	323.4	39.27	346.7	45.79	356.5	46.09	366.6	46.47	384.2	46.82	394.0	47.24
	14	271.5	32.87	323.4	40.69	346.7	47.51	356.5	47.85	366.6	48.26	384.2	48.64	394.0	49.06
	16	271.5	34.06	323.4	42.13	346.7	49.64	356.5	50.10	366.6	50.51	384.2	50.97	394.0	51.35
	18	271.5	35.50	323.4	44.54	346.7	51.92	356.5	53.06	366.6	53.48	384.2	54.01	394.0	54.36
	20	271.5	37.06	323.4	47.46	346.7	54.48	356.5	58.36	366.6	58.82	378.7	59.39	388.5	59.81
	21	271.5	38.02	323.4	49.14	346.7	55.62	356.5	61.75	366.6	62.24	376.4	62.86	386.5	63.31
	23	271.5	40.80	323.4	51.69	346.7	58.52	356.5	68.15	361.9	68.68	370.9	69.37	380.7	69.83
	25	271.5	43.58	323.4	54.66	346.7	62.55	352.2	75.58	356.5	76.18	366.6	76.91	376.4	77.45
	27	271.5	46.63	323.4	58.43	342.4	66.63	346.7	83.20	352.2	83.85	361.9	84.68	370.9	85.26
	29	271.5	49.68	323.4	62.47	336.6	71.69	341.7	91.43	346.7	91.96	356.5	92.80	366.6	93.17
	31	271.5	53.02	322.5	65.79	331.1	76.26	336.6	91.04	341.7	91.58	351.0	92.41	360.8	92.76
	33	271.5	56.49	316.7	69.71	326.8	81.79	332.0	90.21	336.6	90.74	346.7	91.57	355.3	91.92
	35	271.5	60.23	311.3	73.02	321.0	88.60	326.8	89.03	332.0	89.56	340.9	90.36	351.0	90.74
	37	271.5	64.23	306.9	76.61	316.7	87.42	321.0	87.85	326.8	88.38	335.8	89.18	345.6	89.52
	39	271.5	68.38	301.5	80.65	311.3	86.25	316.7	86.70	321.0	87.20	331.1	87.99	340.9	88.34
	41	264.5	72.57	289.0	84.68	298.7	85.07	303.1	85.52	308.9	86.02	318.3	86.78	326.9	87.12
	43	258.2	76.53	276.9	83.50	286.3	83.92	290.9	84.34	296.8	84.84	305.8	85.60	314.0	85.94
	46	241.8	81.90	252.7	81.75	261.7	82.17	266.0	82.55	271.4	83.05	280.0	83.81	287.5	84.15
	48	214.1	79.62	219.2	79.88	227.4	80.04	231.3	80.26	236.0	80.95	243.8	81.45	250.4	81.79
120	10	245.7	27.92	292.2	34.21	319.4	40.68	329.2	43.96	338.9	44.65	357.3	44.83	365.9	45.18
	12	245.7	28.68	292.2	35.39	319.4	42.32	329.2	44.88	338.9	46.29	357.3	46.86	365.9	47.24
	14	245.7	29.64	292.2	36.57	319.4	44.00	329.2	46.59	338.9	48.00	357.3	48.72	365.9	49.10
	16	245.7	30.71	292.2	38.09	319.4	45.71	329.2	48.34	338.9	50.21	357.3	50.82	365.9	51.24
	18	245.7	31.92	292.2	39.80	319.4	47.54	329.2	50.86	338.9	52.80	357.3	53.40	365.9	53.82
	20	245.7	33.14	292.2	42.20	319.4	50.09	329.2	53.52	338.9	55.58	357.3	56.31	365.9	56.76
	21	245.7	34.13	292.2	43.73	319.4	51.50	329.2	55.12	338.9	57.41	357.3	58.13	365.9	58.62
	23	245.7	36.50	292.2	46.78	319.4	55.20	329.2	58.55	338.9	61.22	357.3	61.83	365.9	62.32
	25	245.7	39.01	292.2	50.10	319.4	58.21	329.2	62.43	338.9	65.64	353.0	66.20	361.6	66.74
	27	245.7	41.64	292.2	53.56	319.4	61.94	329.2	66.70	338.9	70.55	347.5	71.01	356.1	71.58
	29	245.7	44.42	292.2	57.18	319.4	65.18	329.2	71.38	333.5	75.19	342.1	76.30	351.8	76.91
	31	245.7	47.32	292.2	61.06	319.4	68.57	324.9	76.46	329.2	80.65	337.8	82.09	346.3	82.74
	33	245.7	50.39	292.2	65.10	315.1	72.53	319.4	83.00	323.7	86.59	332.3	87.58	340.9	88.27
	35	245.7	53.56	292.2	69.40	309.7	76.76	314.0	91.43	319.4	91.88	328.0	92.15	336.6	92.88
	37	245.7	57.63	292.2	73.22	305.1	81.83	309.7	89.52	314.0	89.94	322.6	90.21	331.2	90.93
	39	245.7	62.02	291.3	77.40	299.9	86.81	304.2	87.66	308.5	88.11	318.3	88.37	326.9	89.06
	41	239.5	66.44	278.5	81.56	287.9	85.10	291.8	85.83	296.1	86.25	304.7	86.51	313.6	87.20
	43	233.6	70.93	266.8	80.38	276.1	83.19	280.0	83.99	284.3	84.41	292.5	84.65	301.1	85.33
	46	218.8	76.26	243.4	78.47	252.0	80.57	255.9	81.22	259.8	81.63	267.6	81.87	275.4	82.51
	48	193.5	74.70	211.4	77.07	219.2	79.00	222.3	79.47	225.8	79.73	232.8	80.04	239.9	80.38
110	10	220.0	25.10	262.5	30.59	293.3	36.34	301.5	39.35	320.6	42.36	328.0	43.51	350.3	44.23
	12	220.0	25.90	262.5	31.62	293.3	37.86	301.5	40.46	320.6	43.92	328.0	45.33	350.3	46.40
	14	220.0	26.70	262.5	33.06	293.3	39.58	301.5	42.47	320.6	46.13	328.0	47.46	350.3	48.46
	16	220.0	27.65	262.5	34.25	293.3	41.22	301.5	44.31	320.6	48.27	328.0	49.60	350.3	50.47
	18	220.0	28.68	262.5	35.69	293.3	43.58	301.5	46.66	320.6	50.93	328.0	51.92	350.3	52.91
	20	220.0	29.71	262.5	37.48	293.3	46.21	301.5	48.80	320.6	53.40	328.0	54.70	350.3	55.58
	21	220.0	30.36	262.5	38.59	293.3	47.39	301.5	50.13	320.6	54.89	328.0	56.26	350.3	57.14
	23	220.0	32.34	262.5	41.37	293.3	50.05	301.5	52.91	320.6	57.98	328.0	59.23	350.3	60.19
	25	220.0	34.55	262.5	44.15	293.3	52.87	301.5	55.92	320.6	61.25	328.0	62.13	346.0	63.39
	27	220.0	36.91	262.5	47.20	293.3	55.88	301.5	59.20	320.6	63.96	328.0	65.44	340.9	66.55
	29	220.0	39.42	262.5	50.39	293.3	59.05	301.5	62.70	320.6	67.61	328.0	68.76	336.6	69.82
	31	220.0	41.91	262.5	53.71	293.3	62.40	301.5	66.43	315.5	71.04	323.8	72.42	331.2	73.18
	33	220.0	44.69	262.5	57.18	293.3	65.91	301.5	70.40	311.2	75.01	318.6	76.26	326.9	76.68
	35	220.0	47.46	262.5	61.06	293.3	69.63	301.5	74.59	305.8	79.16	313.2	79.92	321.8	80.30
	37	220.0	50.32	262.5	64.80	293.3	73.49	297.3	79.01	300.7	83.50	308.9	83.80	316.3	84.03
	39	220.0	54.24	262.5	68.87	287.9	77.56	292.1	84.53	296.4	87.65	303.8	87.80	312.4	87.88
	41	214.5	58.17	255.8	72.95	275.4	81.79	279.7	91.43	283.5	91.43	291.8	92.15	299.1	92.88
	43	209.1	61.07	249.3	75.99	264.1	86.74	268.4	87.69	271.9	87.50	280.0	88.00	287.1	88.26
	46	196.2	59.62	233.7	73.37	241.0	82.32	245.0	82.29	248.4	83.01	255.9	83.46	262.5	83.69
	48	173.5	57.90	203.2	70.66	209.4	78.32	213.0	78.82	215.7	79.20	222.7	79.43	228.5	79.76

7. Capacity Tables

Cooling Capacity (78RT)

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	185.2	22.59	220.4	27.47	256.6	32.61	274.2	35.23	291.8	37.86	323.7	42.13	330.7	42.47
	12	185.2	23.32	220.4	28.61	256.6	33.71	274.2	36.19	291.8	39.05	323.7	44.38	330.7	44.84
	14	185.2	24.07	220.4	29.75	256.6	35.12	274.2	37.75	291.8	40.73	323.7	46.89	330.7	47.31
	16	185.2	24.80	220.4	30.74	256.6	36.61	274.2	39.54	291.8	42.93	323.7	49.14	330.7	49.83
	18	185.2	25.52	220.4	31.88	256.6	38.05	274.2	41.45	291.8	45.52	323.7	51.92	330.7	52.34
	20	185.2	26.44	220.4	33.07	256.6	40.26	274.2	44.42	291.8	48.72	323.7	54.40	330.7	54.85
	21	185.2	26.97	220.4	33.86	256.6	41.64	274.2	45.94	291.8	50.51	323.7	55.65	330.7	56.11
	23	185.2	28.60	220.4	36.23	256.6	44.69	274.2	49.26	291.8	54.13	323.7	58.28	330.7	58.74
	25	185.2	30.40	220.4	38.59	256.6	47.73	274.2	52.73	291.8	57.87	323.7	60.76	328.0	61.25
	27	185.2	32.49	220.4	41.22	256.6	51.08	274.2	56.34	291.8	61.52	317.1	63.62	324.1	64.12
	29	185.2	34.55	220.4	44.00	256.6	54.55	274.2	60.23	291.8	65.14	311.3	66.17	319.1	66.70
	31	185.2	36.91	220.4	46.90	256.6	58.17	274.2	64.26	291.8	68.42	306.6	68.76	314.0	69.29
	33	185.2	39.13	220.4	49.98	256.6	62.05	274.2	68.57	291.8	71.01	301.9	71.31	309.3	71.88
	35	185.2	41.64	220.4	53.14	256.6	66.06	274.2	73.14	287.4	73.59	296.4	73.86	303.8	74.47
	37	185.2	44.60	220.4	57.02	256.6	69.98	274.2	76.61	282.7	76.99	290.9	77.30	297.6	78.02
	39	185.2	47.81	220.4	61.25	256.6	74.17	274.2	80.38	278.1	80.72	286.3	81.03	292.9	81.79
	41	182.2	51.01	216.9	65.48	252.4	78.32	263.2	84.11	268.8	84.45	275.3	84.76	284.0	85.52
	43	175.9	54.01	209.4	69.41	243.8	82.09	252.3	87.31	255.1	87.65	262.9	87.92	269.9	88.76
	46	165.0	58.09	196.2	74.82	228.6	87.05	230.5	91.43	232.8	91.69	240.3	91.96	246.9	92.83
	48	145.9	50.14	173.6	64.76	197.3	74.43	200.1	77.56	202.4	77.83	209.0	78.01	214.5	78.63
90	10	166.5	19.66	198.9	23.62	231.3	27.85	246.9	30.02	262.5	32.31	294.8	36.15	327.2	40.23
	12	166.5	19.89	198.9	24.00	231.3	28.34	246.9	30.63	262.5	33.03	294.8	36.88	327.2	40.92
	14	166.5	20.26	198.9	24.46	231.3	28.92	246.9	31.24	262.5	33.64	294.8	37.60	327.2	41.75
	16	166.5	20.61	198.9	24.95	231.3	29.53	246.9	31.81	262.5	34.25	294.8	38.32	327.2	42.48
	18	166.5	20.99	198.9	25.45	231.3	30.02	246.9	32.54	262.5	34.97	294.8	39.13	327.2	44.61
	20	166.5	21.33	198.9	25.91	231.3	30.63	246.9	33.15	262.5	36.27	294.8	41.90	327.2	46.74
	21	166.5	21.57	198.9	26.17	231.3	31.24	246.9	34.25	262.5	37.60	294.8	42.56	327.2	47.81
	23	166.5	22.06	198.9	27.24	231.3	33.38	246.9	36.76	262.5	40.27	294.8	45.14	322.6	50.06
	25	166.5	23.16	198.9	29.06	231.3	35.69	246.9	39.31	262.5	43.05	294.8	48.27	317.9	52.19
	27	166.5	24.72	198.9	30.97	231.3	38.10	246.9	41.95	262.5	46.06	294.8	51.32	313.2	54.63
	29	166.5	26.17	198.9	33.03	231.3	40.73	246.9	44.84	262.5	49.18	294.8	54.36	308.5	56.84
	31	166.5	27.85	198.9	35.20	231.3	43.39	246.9	47.74	262.5	52.42	294.8	57.07	303.9	59.05
	33	166.5	29.64	198.9	37.49	231.3	46.29	246.9	50.86	262.5	55.62	294.8	59.85	299.2	61.26
	35	166.5	31.47	198.9	39.77	231.3	49.18	246.9	54.25	262.5	58.97	289.8	63.28	294.5	64.72
	37	166.5	33.38	198.9	42.32	231.3	52.46	246.9	57.64	262.5	62.25	285.1	66.14	289.8	67.62
	39	166.5	35.35	198.9	44.99	231.3	55.51	246.9	61.33	262.5	65.45	280.4	69.72	285.2	70.56
	41	162.2	39.55	193.8	49.90	225.1	60.92	240.6	67.05	255.8	70.67	268.7	73.49	273.4	75.17
	43	158.3	42.71	188.8	53.91	219.6	66.55	234.4	72.23	249.3	75.78	257.5	78.67	262.1	79.66
	46	148.2	48.07	177.1	61.41	205.9	75.81	219.6	81.87	226.6	84.19	235.2	86.37	239.5	86.51
	48	131.1	42.02	156.8	53.71	182.1	66.33	194.3	71.43	196.9	72.54	204.4	74.36	208.3	74.44
80	10	147.8	16.38	176.3	19.69	204.7	23.09	219.2	24.91	234.0	26.74	262.5	30.51	290.9	33.10
	12	147.8	16.72	176.3	19.92	204.7	23.54	219.2	25.37	234.0	27.20	262.5	31.05	290.9	33.75
	14	147.8	16.95	176.3	20.38	204.7	23.89	219.2	25.83	234.0	27.65	262.5	31.62	290.9	34.43
	16	147.8	17.18	176.3	20.72	204.7	24.34	219.2	26.28	234.0	28.22	262.5	32.30	290.9	35.08
	18	147.8	17.52	176.3	21.06	204.7	24.80	219.2	26.74	234.0	28.79	262.5	32.88	290.9	35.84
	20	147.8	17.86	176.3	21.52	204.7	25.37	219.2	27.31	234.0	29.37	262.5	34.13	290.9	37.98
	21	147.8	17.98	176.3	21.75	204.7	25.60	219.2	27.65	234.0	30.05	262.5	35.20	290.9	38.97
	23	147.8	18.32	176.3	22.06	204.7	26.74	219.2	29.37	234.0	32.08	262.5	37.18	290.9	40.91
	25	147.8	19.01	176.3	23.54	204.7	28.68	219.2	31.39	234.0	34.36	262.5	39.80	290.9	43.73
	27	147.8	20.15	176.3	25.03	204.7	30.62	219.2	33.56	234.0	36.64	262.5	42.28	290.9	46.02
	29	147.8	21.40	176.3	26.74	204.7	32.53	219.2	35.73	234.0	39.15	262.5	45.29	290.9	49.25
	31	147.8	22.74	176.3	28.34	204.7	34.70	219.2	38.13	234.0	41.64	262.5	48.07	290.9	51.73
	33	147.8	24.11	176.3	30.28	204.7	36.99	219.2	40.61	234.0	44.38	262.5	50.66	290.9	54.24
	35	147.8	25.60	176.3	32.08	204.7	39.38	219.2	43.23	234.0	47.34	262.5	53.71	287.8	56.19
	37	147.8	27.08	176.3	34.13	204.7	41.75	219.2	45.97	234.0	50.28	262.5	56.68	283.2	58.74
	39	147.8	28.61	176.3	36.07	204.7	44.68	219.2	49.41	234.0	54.05	262.5	59.88	278.5	61.98
	41	144.0	31.66	171.7	39.96	199.3	49.02	213.7	54.17	228.1	59.38	255.8	66.63	266.8	68.68
	43	140.4	34.85	167.4	43.61	194.6	53.52	208.3	59.04	222.3	64.91	249.3	71.31	255.8	73.52
	46	131.8	38.78	156.8	49.14	182.2	60.30	195.4	65.71	208.3	73.22	228.2	77.86	233.6	79.08
	48	116.6	33.86	138.9	42.96	161.1	52.72	172.8	57.40	184.5	64.11	198.1	67.38	202.8	68.07

7. Capacity Tables

Cooling Capacity (78RT)

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	129.1	14.32	154.8	17.02	179.1	19.73	191.9	21.32	204.7	22.78	229.3	25.94	254.7	29.02
	12	129.1	14.55	154.8	17.25	179.1	20.19	191.9	21.64	204.7	23.23	229.3	26.39	254.7	29.55
	14	129.1	14.78	154.8	17.48	179.1	20.53	191.9	21.98	204.7	23.57	229.3	26.96	254.7	30.09
	16	129.1	15.00	154.8	17.82	179.1	20.87	191.9	22.43	204.7	24.03	229.3	27.39	254.7	30.74
	18	129.1	15.23	154.8	18.16	179.1	21.32	191.9	22.89	204.7	24.46	229.3	27.84	254.7	31.27
	20	129.1	15.46	154.8	18.51	179.1	21.64	191.9	23.35	204.7	25.02	229.3	28.53	254.7	32.48
	21	129.1	15.69	154.8	18.62	179.1	21.86	191.9	23.57	204.7	25.25	229.3	28.98	254.7	33.17
	23	129.1	15.89	154.8	19.05	179.1	22.32	191.9	24.34	204.7	26.51	229.3	31.00	254.7	35.00
	25	129.1	16.11	154.8	19.73	179.1	23.80	191.9	26.05	204.7	28.30	229.3	33.14	254.7	36.72
	27	129.1	17.02	154.8	21.10	179.1	25.37	191.9	27.62	204.7	30.21	229.3	35.42	254.7	39.00
	29	129.1	18.16	154.8	22.32	179.1	26.96	191.9	29.44	204.7	32.14	229.3	37.78	254.7	41.81
	31	129.1	19.27	154.8	23.80	179.1	28.75	191.9	31.46	204.7	34.28	229.3	40.26	254.7	44.37
	33	129.1	20.41	154.8	25.14	179.1	30.55	191.9	33.37	204.7	36.41	229.3	42.85	254.7	47.23
	35	129.1	21.52	154.8	26.85	179.1	32.48	191.9	35.53	204.7	38.78	229.3	45.67	254.7	50.08
	37	129.1	22.89	154.8	28.42	179.1	34.51	191.9	37.78	204.7	41.28	229.3	48.60	254.7	52.83
	39	129.1	24.30	154.8	30.32	179.1	36.90	191.9	40.64	204.7	44.59	229.3	52.02	254.7	56.97
	41	126.0	26.89	150.9	33.21	174.7	40.48	187.2	44.56	199.3	48.48	223.1	57.13	248.1	61.47
	43	122.9	29.25	147.0	36.18	170.4	44.15	182.5	48.60	194.6	52.94	217.7	62.42	241.9	66.46
	46	115.1	32.52	137.7	40.68	159.5	49.74	170.9	54.15	182.2	59.65	204.0	70.38	226.6	74.07
	48	101.8	28.37	122.0	35.54	141.2	43.46	151.3	47.31	161.1	52.18	180.6	61.59	200.5	64.10
60	10	110.7	12.30	132.2	14.43	153.7	16.76	164.6	17.98	175.2	19.11	196.9	21.67	218.4	24.26
	12	110.7	12.53	132.2	14.63	153.7	16.98	164.6	18.20	175.2	19.46	196.9	22.01	218.4	24.68
	14	110.7	12.64	132.2	14.85	153.7	17.33	164.6	18.55	175.2	19.77	196.9	22.47	218.4	25.13
	16	110.7	12.84	132.2	15.19	153.7	17.55	164.6	18.89	175.2	20.22	196.9	22.92	218.4	25.59
	18	110.7	13.06	132.2	15.42	153.7	17.86	164.6	19.23	175.2	20.56	196.9	23.23	218.4	26.16
	20	110.7	13.29	132.2	15.65	153.7	18.20	164.6	19.54	175.2	20.90	196.9	23.69	218.4	26.70
	21	110.7	13.41	132.2	15.76	153.7	18.43	164.6	19.77	175.2	21.13	196.9	24.03	218.4	26.92
	23	110.7	13.63	132.2	16.10	153.7	18.66	164.6	20.11	175.2	21.56	196.9	24.91	218.4	28.60
	25	110.7	13.86	132.2	16.42	153.7	19.46	164.6	21.13	175.2	22.92	196.9	26.58	218.4	30.62
	27	110.7	14.31	132.2	17.33	153.7	20.68	164.6	22.47	175.2	24.37	196.9	28.26	218.4	32.63
	29	110.7	15.19	132.2	18.43	153.7	22.01	164.6	23.91	175.2	25.93	196.9	30.16	218.4	34.85
	31	110.7	16.10	132.2	19.54	153.7	23.35	164.6	25.48	175.2	27.61	196.9	32.18	218.4	37.09
	33	110.7	16.98	132.2	20.68	153.7	24.79	164.6	27.04	175.2	29.40	196.9	34.20	218.4	39.56
	35	110.7	17.98	132.2	22.01	153.7	26.36	164.6	28.71	175.2	31.19	196.9	36.44	218.4	42.01
	37	110.7	19.00	132.2	23.23	153.7	27.95	164.6	30.50	175.2	33.09	196.9	38.65	218.4	44.70
	39	110.7	20.19	132.2	24.75	153.7	30.16	164.6	32.71	175.2	35.60	196.9	41.47	218.4	47.90
	41	107.7	21.90	128.7	27.07	149.8	32.75	160.3	35.76	170.8	38.65	191.9	45.50	212.9	52.05
	43	105.3	23.80	125.6	29.47	146.2	35.68	156.4	38.96	166.6	42.12	187.2	49.66	207.5	56.85
	46	98.7	26.66	117.8	33.09	136.9	40.14	146.6	43.79	156.0	47.41	175.2	55.94	194.6	64.77
	48	87.3	23.23	104.1	28.87	121.3	35.07	129.5	38.24	138.1	41.43	155.2	48.93	172.0	56.67
50	10	92.5	10.51	110.7	12.18	128.3	13.83	137.3	14.85	145.9	15.72	163.5	17.71	182.1	19.72
	12	92.5	10.62	110.7	12.30	128.3	14.05	137.3	15.04	145.9	16.06	163.5	18.05	182.1	20.03
	14	92.5	10.74	110.7	12.52	128.3	14.28	137.3	15.27	145.9	16.26	163.5	18.27	182.1	20.37
	16	92.5	10.96	110.7	12.72	128.3	14.51	137.3	15.61	145.9	16.49	163.5	18.61	182.1	20.71
	18	92.5	11.08	110.7	12.83	128.3	14.73	137.3	15.84	145.9	16.83	163.5	18.93	182.1	21.13
	20	92.5	11.19	110.7	13.06	128.3	15.04	137.3	16.06	145.9	17.17	163.5	19.27	182.1	21.59
	21	92.5	11.31	110.7	13.17	128.3	15.16	137.3	16.26	145.9	17.28	163.5	19.49	182.1	21.82
	23	92.5	11.50	110.7	13.40	128.3	15.38	137.3	16.49	145.9	17.59	163.5	19.83	182.1	22.24
	25	92.5	11.62	110.7	13.63	128.3	15.72	137.3	16.83	145.9	18.16	163.5	20.82	182.1	23.80
	27	92.5	11.84	110.7	14.05	128.3	16.60	137.3	17.93	145.9	19.27	163.5	22.24	182.1	25.36
	29	92.5	12.52	110.7	14.96	128.3	17.59	137.3	19.04	145.9	20.48	163.5	23.57	182.1	26.92
	31	92.5	13.17	110.7	15.84	128.3	18.70	137.3	20.14	145.9	21.82	163.5	25.13	182.1	28.67
	33	92.5	13.94	110.7	16.72	128.3	19.83	137.3	21.36	145.9	23.15	163.5	26.69	182.1	30.57
	35	92.5	14.73	110.7	17.71	128.3	20.94	137.3	22.69	145.9	24.48	163.5	28.22	182.1	32.44
	37	92.5	15.61	110.7	18.70	128.3	22.16	137.3	24.03	145.9	25.89	163.5	30.12	182.1	34.42
	39	92.5	16.64	110.7	20.06	128.3	23.72	137.3	25.85	145.9	27.80	163.5	32.06	182.1	37.20
	41	90.1	18.01	107.7	21.70	124.9	25.93	133.7	28.02	142.3	30.12	159.5	35.15	177.5	40.40
	43	87.8	19.57	105.3	23.61	122.0	28.22	130.3	30.50	138.8	32.78	155.3	38.34	173.2	44.05
	46	82.3	21.93	98.7	26.50	114.3	31.68	122.1	34.26	129.9	36.82	145.5	43.14	162.2	49.61
	48	72.9	19.11	87.3	23.11	101.0	27.61	108.0	29.89	115.0	32.13	128.7	37.70	143.5	43.37

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

◆ ARUV964BTE5 / ARUV964DTE5

Cooling Capacity (80RT)

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	278.4	32.56	331.6	39.80	355.6	46.20	365.6	47.12	376.0	47.52	394.0	47.88	404.0	48.08
	12	278.4	33.40	331.6	41.24	355.6	48.08	365.6	48.40	376.0	48.80	394.0	49.16	404.0	49.60
	14	278.4	34.52	331.6	42.72	355.6	49.88	365.6	50.24	376.0	50.68	394.0	51.08	404.0	51.52
	16	278.4	35.76	331.6	44.24	355.6	52.12	365.6	52.60	376.0	53.04	394.0	53.52	404.0	53.92
	18	278.4	37.28	331.6	46.76	355.6	54.52	365.6	55.72	376.0	56.16	394.0	56.72	404.0	57.08
	20	278.4	38.92	331.6	49.84	355.6	57.20	365.6	61.28	376.0	61.76	388.4	62.36	398.4	62.80
	21	278.4	39.92	331.6	51.60	355.6	58.40	365.6	64.84	376.0	65.36	386.0	66.00	396.4	66.48
	23	278.4	42.84	331.6	54.28	355.6	61.44	365.6	71.56	371.2	72.12	380.4	72.84	390.4	73.32
	25	278.4	45.76	331.6	57.40	355.6	65.68	361.2	79.36	365.6	80.00	376.0	80.76	386.0	81.32
	27	278.4	48.96	331.6	61.36	351.2	69.96	355.6	87.36	361.2	88.04	371.2	88.92	380.4	89.52
	29	278.4	52.16	331.6	65.60	345.2	75.28	350.4	96.00	355.6	96.56	365.6	97.44	376.0	97.84
	31	278.4	55.68	330.8	69.08	339.6	80.08	345.2	95.60	350.4	96.16	360.0	97.04	370.0	97.40
	33	278.4	59.32	324.8	73.20	335.2	85.88	340.4	94.72	345.2	95.28	355.6	96.16	364.4	96.52
	35	278.4	63.24	319.2	76.68	329.2	93.04	335.2	93.48	340.4	94.04	349.6	94.88	360.0	95.28
	37	278.4	67.44	314.8	80.44	324.8	91.80	329.2	92.24	335.2	92.80	344.4	93.64	354.4	94.00
	39	278.4	71.80	309.2	84.68	319.2	90.56	324.8	91.04	329.2	91.56	339.6	92.40	349.6	92.76
	41	271.2	76.20	296.4	88.92	306.4	89.32	310.8	89.80	316.8	90.32	326.4	91.12	335.2	91.48
	43	264.8	80.36	284.0	87.68	293.6	88.12	298.4	88.56	304.4	89.08	313.6	89.88	322.0	90.24
	46	248.0	86.00	259.2	85.84	268.4	86.28	272.8	86.68	278.4	87.20	287.2	88.00	294.8	88.36
	48	219.6	83.60	224.8	83.88	233.2	84.04	237.2	84.28	242.0	85.00	250.0	85.52	256.8	85.88
120	10	252.0	29.32	299.6	35.92	327.6	42.72	337.6	46.16	347.6	46.88	366.4	47.08	375.2	47.44
	12	252.0	30.12	299.6	37.16	327.6	44.44	337.6	47.12	347.6	48.60	366.4	49.20	375.2	49.60
	14	252.0	31.12	299.6	38.40	327.6	46.20	337.6	48.92	347.6	50.40	366.4	51.16	375.2	51.56
	16	252.0	32.24	299.6	40.00	327.6	48.00	337.6	50.76	347.6	52.72	366.4	53.36	375.2	53.80
	18	252.0	33.52	299.6	41.80	327.6	49.92	337.6	53.40	347.6	55.44	366.4	56.08	375.2	56.52
	20	252.0	34.80	299.6	44.32	327.6	52.60	337.6	56.20	347.6	58.36	366.4	59.12	375.2	59.60
	21	252.0	35.84	299.6	45.92	327.6	54.08	337.6	57.88	347.6	60.28	366.4	61.04	375.2	61.56
	23	252.0	38.32	299.6	49.12	327.6	57.96	337.6	61.48	347.6	64.28	366.4	64.92	375.2	65.44
	25	252.0	40.96	299.6	52.60	327.6	61.12	337.6	65.56	347.6	68.92	362.0	69.52	370.8	70.08
	27	252.0	43.72	299.6	56.24	327.6	65.04	337.6	70.04	347.6	74.08	356.4	74.56	365.2	75.16
	29	252.0	46.64	299.6	60.04	327.6	68.44	337.6	74.96	342.0	78.96	350.8	80.12	360.8	80.76
	31	252.0	49.68	299.6	64.12	327.6	72.00	333.2	80.28	337.6	84.68	346.4	86.20	355.2	86.88
	33	252.0	52.92	299.6	68.36	323.2	76.16	327.6	87.16	332.0	90.92	340.8	91.96	349.6	92.68
	35	252.0	56.24	299.6	72.88	317.6	80.60	322.0	96.00	327.6	96.48	336.4	96.76	345.2	97.52
	37	252.0	60.52	299.6	76.88	312.8	85.92	317.6	94.00	322.0	94.44	330.8	94.72	339.6	95.48
	39	252.0	65.12	298.8	81.28	307.6	91.16	312.0	92.04	316.4	92.52	326.4	92.80	335.2	93.52
	41	245.6	69.76	285.6	85.64	295.2	89.36	299.2	90.12	303.6	90.56	312.4	90.84	321.6	91.56
	43	239.6	74.48	273.6	84.40	283.2	87.36	287.2	88.20	291.6	88.64	300.0	88.88	308.8	89.60
	46	224.4	80.08	249.6	82.40	258.4	84.60	262.4	85.28	266.4	85.72	274.4	85.96	282.4	86.64
	48	198.4	78.44	216.8	80.92	224.8	82.96	228.0	83.44	231.6	83.72	238.8	84.04	246.0	84.40
110	10	225.6	26.36	269.2	32.12	300.8	38.16	309.2	41.32	328.8	44.48	336.4	45.68	359.2	46.44
	12	225.6	27.20	269.2	33.20	300.8	39.76	309.2	42.48	328.8	46.12	336.4	47.60	359.2	48.72
	14	225.6	28.04	269.2	34.72	300.8	41.56	309.2	44.60	328.8	48.44	336.4	49.84	359.2	50.88
	16	225.6	29.04	269.2	35.96	300.8	43.28	309.2	46.52	328.8	50.68	336.4	52.08	359.2	53.00
	18	225.6	30.12	269.2	37.48	300.8	45.76	309.2	49.00	328.8	53.48	336.4	54.52	359.2	55.56
	20	225.6	31.20	269.2	39.36	300.8	48.52	309.2	51.24	328.8	56.08	336.4	57.44	359.2	58.36
	21	225.6	31.88	269.2	40.52	300.8	49.76	309.2	52.64	328.8	57.64	336.4	59.08	359.2	60.00
	23	225.6	33.96	269.2	43.44	300.8	52.56	309.2	55.56	328.8	60.88	336.4	62.20	359.2	63.20
	25	225.6	36.28	269.2	46.36	300.8	55.52	309.2	58.72	328.8	64.32	336.4	65.24	354.8	66.56
	27	225.6	38.76	269.2	49.56	300.8	58.68	309.2	62.16	328.8	67.16	336.4	68.72	349.6	69.88
	29	225.6	41.40	269.2	52.92	300.8	62.00	309.2	65.84	328.8	71.00	336.4	72.20	345.2	73.32
	31	225.6	44.00	269.2	56.40	300.8	65.52	309.2	69.76	323.6	74.60	332.0	76.04	339.6	76.84
	33	225.6	46.92	269.2	60.04	300.8	69.20	309.2	73.92	319.2	78.76	326.8	80.08	335.2	80.52
	35	225.6	49.84	269.2	64.12	300.8	73.12	309.2	78.32	313.6	83.12	321.2	83.92	330.0	84.32
	37	225.6	52.84	269.2	68.04	300.8	77.16	304.8	82.96	308.4	87.68	316.8	88.00	324.4	88.24
	39	225.6	56.96	269.2	72.32	295.2	81.44	299.6	88.76	304.0	92.04	311.6	92.20	320.4	92.28
	41	220.0	61.08	262.4	76.60	282.4	85.88	286.8	96.00	290.8	96.00	299.2	96.76	306.8	97.52
	43	214.4	64.12	255.6	79.80	270.8	91.08	275.2	92.08	278.8	91.88	287.2	92.40	294.4	92.68
	46	201.2	62.60	239.6	77.04	247.2	86.44	251.2	86.40	254.8	87.16	262.4	87.64	269.2	87.88
	48	178.0	60.80	208.4	74.20	214.8	82.24	218.4	82.76	221.2	83.16	228.4	83.40	234.4	83.76

7. Capacity Tables

Cooling Capacity (80RT)

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	190.0	23.72	226.0	28.84	263.2	34.24	281.2	37.00	299.2	39.76	332.0	44.24	339.2	44.60
	12	190.0	24.48	226.0	30.04	263.2	35.40	281.2	38.00	299.2	41.00	332.0	46.60	339.2	47.08
	14	190.0	25.28	226.0	31.24	263.2	36.88	281.2	39.64	299.2	42.76	332.0	49.24	339.2	49.68
	16	190.0	26.04	226.0	32.28	263.2	38.44	281.2	41.52	299.2	45.08	332.0	51.60	339.2	52.32
	18	190.0	26.80	226.0	33.48	263.2	39.96	281.2	43.52	299.2	47.80	332.0	54.52	339.2	54.96
	20	190.0	27.76	226.0	34.72	263.2	42.28	281.2	46.64	299.2	51.16	332.0	57.12	339.2	57.60
	21	190.0	28.32	226.0	35.56	263.2	43.72	281.2	48.24	299.2	53.04	332.0	58.44	339.2	58.92
	23	190.0	30.04	226.0	38.04	263.2	46.92	281.2	51.72	299.2	56.84	332.0	61.20	339.2	61.68
	25	190.0	31.92	226.0	40.52	263.2	50.12	281.2	55.36	299.2	60.76	332.0	63.80	336.4	64.32
	27	190.0	34.12	226.0	43.28	263.2	53.64	281.2	59.16	299.2	64.60	325.2	66.80	332.4	67.32
	29	190.0	36.28	226.0	46.20	263.2	57.28	281.2	63.24	299.2	68.40	319.2	69.48	327.2	70.04
	31	190.0	38.76	226.0	49.24	263.2	61.08	281.2	67.48	299.2	71.84	314.4	72.20	322.0	72.76
	33	190.0	41.08	226.0	52.48	263.2	65.16	281.2	72.00	299.2	74.56	309.6	74.88	317.2	75.48
	35	190.0	43.72	226.0	55.80	263.2	69.36	281.2	76.80	294.8	77.28	304.0	77.56	311.6	78.20
	37	190.0	46.84	226.0	59.88	263.2	73.48	281.2	80.44	290.0	80.84	298.4	81.16	305.2	81.92
	39	190.0	50.20	226.0	64.32	263.2	77.88	281.2	84.40	285.2	84.76	293.6	85.08	300.4	85.88
	41	186.8	53.56	222.4	68.76	258.8	82.24	270.0	88.32	275.6	88.68	282.4	89.00	291.2	89.80
	43	180.4	56.72	214.8	72.88	250.0	86.20	258.8	91.68	261.6	92.04	269.6	92.32	276.8	93.20
	46	169.2	61.00	201.2	78.56	234.4	91.40	236.4	96.00	238.8	96.28	246.4	96.56	253.2	97.48
	48	149.6	52.64	178.0	68.00	202.4	78.16	205.2	81.44	207.6	81.72	214.4	81.92	220.0	82.56
90	10	170.8	20.64	204.0	24.80	237.2	29.24	253.2	31.52	269.2	33.92	302.4	37.96	335.6	42.24
	12	170.8	20.88	204.0	25.20	237.2	29.76	253.2	32.16	269.2	34.68	302.4	38.72	335.6	42.96
	14	170.8	21.28	204.0	25.68	237.2	30.36	253.2	32.80	269.2	35.32	302.4	39.48	335.6	43.84
	16	170.8	21.64	204.0	26.20	237.2	31.00	253.2	33.40	269.2	35.96	302.4	40.24	335.6	44.60
	18	170.8	22.04	204.0	26.72	237.2	31.52	253.2	34.16	269.2	36.72	302.4	41.08	335.6	46.84
	20	170.8	22.40	204.0	27.20	237.2	32.16	253.2	34.80	269.2	38.08	302.4	44.00	335.6	49.08
	21	170.8	22.64	204.0	27.48	237.2	32.80	253.2	35.96	269.2	39.48	302.4	44.68	335.6	50.20
	23	170.8	23.16	204.0	28.60	237.2	35.04	253.2	38.60	269.2	42.28	302.4	47.40	330.8	52.56
	25	170.8	24.32	204.0	30.52	237.2	37.48	253.2	41.28	269.2	45.20	302.4	50.68	326.0	54.80
	27	170.8	25.96	204.0	32.52	237.2	40.00	253.2	44.04	269.2	48.36	302.4	53.88	321.2	57.36
	29	170.8	27.48	204.0	34.68	237.2	42.76	253.2	47.08	269.2	51.64	302.4	57.08	316.4	59.68
	31	170.8	29.24	204.0	36.96	237.2	45.56	253.2	50.12	269.2	55.04	302.4	59.92	311.6	62.00
	33	170.8	31.12	204.0	39.36	237.2	48.60	253.2	53.40	269.2	58.40	302.4	62.84	306.8	64.32
	35	170.8	33.04	204.0	41.76	237.2	51.64	253.2	56.96	269.2	61.92	297.2	66.44	302.0	67.96
	37	170.8	35.04	204.0	44.44	237.2	55.08	253.2	60.52	269.2	65.36	292.4	69.44	297.2	71.00
	39	170.8	37.12	204.0	47.24	237.2	58.28	253.2	64.40	269.2	68.72	287.6	73.20	292.4	74.08
	41	166.4	41.52	198.8	52.40	230.8	63.96	246.8	70.40	262.4	74.20	275.6	77.16	280.4	78.92
	43	162.4	44.84	193.6	56.60	225.2	69.88	240.4	75.84	255.6	79.56	264.0	82.60	268.8	83.64
	46	152.0	50.48	181.6	64.48	211.2	79.60	225.2	85.96	232.4	88.40	241.2	90.68	245.6	90.84
	48	134.4	44.12	160.8	56.40	186.8	69.64	199.2	75.00	202.0	76.16	209.6	78.08	213.6	78.16
80	10	151.6	17.20	180.8	20.68	210.0	24.24	224.8	26.16	240.0	28.08	269.2	32.04	298.4	34.76
	12	151.6	17.56	180.8	20.92	210.0	24.72	224.8	26.64	240.0	28.56	269.2	32.60	298.4	35.44
	14	151.6	17.80	180.8	21.40	210.0	25.08	224.8	27.12	240.0	29.04	269.2	33.20	298.4	36.16
	16	151.6	18.04	180.8	21.76	210.0	25.56	224.8	27.60	240.0	29.64	269.2	33.92	298.4	36.84
	18	151.6	18.40	180.8	22.12	210.0	26.04	224.8	28.08	240.0	30.24	269.2	34.52	298.4	37.64
	20	151.6	18.76	180.8	22.60	210.0	26.64	224.8	28.68	240.0	30.84	269.2	35.84	298.4	39.88
	21	151.6	18.88	180.8	22.84	210.0	26.88	224.8	29.04	240.0	31.56	269.2	36.96	298.4	40.92
	23	151.6	19.24	180.8	23.16	210.0	28.08	224.8	30.84	240.0	33.68	269.2	39.04	298.4	42.96
	25	151.6	19.96	180.8	24.72	210.0	30.12	224.8	32.96	240.0	36.08	269.2	41.80	298.4	45.92
	27	151.6	21.16	180.8	26.28	210.0	32.16	224.8	35.24	240.0	38.48	269.2	44.40	298.4	48.32
	29	151.6	22.48	180.8	28.08	210.0	34.16	224.8	37.52	240.0	41.12	269.2	47.56	298.4	51.72
	31	151.6	23.88	180.8	29.76	210.0	36.44	224.8	40.04	240.0	43.72	269.2	50.48	298.4	54.32
	33	151.6	25.32	180.8	31.80	210.0	38.84	224.8	42.64	240.0	46.60	269.2	53.20	298.4	56.96
	35	151.6	26.88	180.8	33.68	210.0	41.36	224.8	45.40	240.0	49.72	269.2	56.40	295.2	59.00
	37	151.6	28.44	180.8	35.84	210.0	43.84	224.8	48.28	240.0	52.80	269.2	59.52	290.4	61.68
	39	151.6	30.04	180.8	37.88	210.0	46.92	224.8	51.88	240.0	56.76	269.2	62.88	285.6	65.08
	41	147.6	33.24	176.0	41.96	204.4	51.48	219.2	56.88	234.0	62.36	262.4	69.96	273.6	72.12
	43	144.0	36.60	171.6	45.80	199.6	56.20	213.6	62.00	228.0	68.16	255.6	74.88	262.4	77.20
	46	135.2	40.72	160.8	51.60	186.8	63.32	200.4	69.00	213.6	76.88	234.0	81.76	239.6	83.04
	48	119.6	35.56	142.4	45.12	165.2	55.36	177.2	60.28	189.2	67.32	203.2	70.76	208.0	71.48

7. Capacity Tables

Cooling Capacity (80RT)

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	132.4	15.04	158.8	17.88	183.6	20.72	196.8	22.40	210.0	23.92	235.2	27.24	261.2	30.48
	12	132.4	15.28	158.8	18.12	183.6	21.20	196.8	22.72	210.0	24.40	235.2	27.72	261.2	31.04
	14	132.4	15.52	158.8	18.36	183.6	21.56	196.8	23.08	210.0	24.76	235.2	28.32	261.2	31.60
	16	132.4	15.76	158.8	18.72	183.6	21.92	196.8	23.56	210.0	25.24	235.2	28.76	261.2	32.28
	18	132.4	16.00	158.8	19.08	183.6	22.40	196.8	24.04	210.0	25.68	235.2	29.24	261.2	32.84
	20	132.4	16.24	158.8	19.44	183.6	22.72	196.8	24.52	210.0	26.28	235.2	29.96	261.2	34.12
	21	132.4	16.48	158.8	19.56	183.6	22.96	196.8	24.76	210.0	26.52	235.2	30.44	261.2	34.84
	23	132.4	16.68	158.8	20.00	183.6	23.44	196.8	25.56	210.0	27.84	235.2	32.56	261.2	36.76
	25	132.4	16.92	158.8	20.72	183.6	25.00	196.8	27.36	210.0	29.72	235.2	34.80	261.2	38.56
	27	132.4	17.88	158.8	22.16	183.6	26.64	196.8	29.00	210.0	31.72	235.2	37.20	261.2	40.96
	29	132.4	19.08	158.8	23.44	183.6	28.32	196.8	30.92	210.0	33.76	235.2	39.68	261.2	43.92
	31	132.4	20.24	158.8	25.00	183.6	30.20	196.8	33.04	210.0	36.00	235.2	42.28	261.2	46.60
	33	132.4	21.44	158.8	26.40	183.6	32.08	196.8	35.04	210.0	38.24	235.2	45.00	261.2	49.60
	35	132.4	22.60	158.8	28.20	183.6	34.12	196.8	37.32	210.0	40.72	235.2	47.96	261.2	52.60
	37	132.4	24.04	158.8	29.84	183.6	36.24	196.8	39.68	210.0	43.36	235.2	51.04	261.2	55.48
	39	132.4	25.52	158.8	31.84	183.6	38.76	196.8	42.68	210.0	46.84	235.2	54.64	261.2	59.84
	41	129.2	28.24	154.8	34.88	179.2	42.52	192.0	46.80	204.4	50.92	228.8	60.00	254.4	64.56
	43	126.0	30.72	150.8	38.00	174.8	46.36	187.2	51.04	199.6	55.60	223.2	65.56	248.0	69.80
	46	118.0	34.16	141.2	42.72	163.6	52.24	175.2	56.88	186.8	62.64	209.2	73.92	232.4	77.80
	48	104.4	29.80	125.2	37.32	144.8	45.64	155.2	49.68	165.2	54.80	185.2	64.68	205.6	67.32
60	10	113.6	12.92	135.6	15.16	157.6	17.60	168.8	18.88	179.6	20.08	202.0	22.76	224.0	25.48
	12	113.6	13.16	135.6	15.36	157.6	17.84	168.8	19.12	179.6	20.44	202.0	23.12	224.0	25.92
	14	113.6	13.28	135.6	15.60	157.6	18.20	168.8	19.48	179.6	20.76	202.0	23.60	224.0	26.40
	16	113.6	13.48	135.6	15.96	157.6	18.44	168.8	19.84	179.6	21.24	202.0	24.08	224.0	26.88
	18	113.6	13.72	135.6	16.20	157.6	18.76	168.8	20.20	179.6	21.60	202.0	24.40	224.0	27.48
	20	113.6	13.96	135.6	16.44	157.6	19.12	168.8	20.52	179.6	21.96	202.0	24.88	224.0	28.04
	21	113.6	14.08	135.6	16.56	157.6	19.36	168.8	20.76	179.6	22.20	202.0	25.24	224.0	28.28
	23	113.6	14.32	135.6	16.92	157.6	19.60	168.8	21.12	179.6	22.64	202.0	26.16	224.0	30.04
	25	113.6	14.56	135.6	17.24	157.6	20.44	168.8	22.20	179.6	24.08	202.0	27.92	224.0	32.16
	27	113.6	15.04	135.6	18.20	157.6	21.72	168.8	23.60	179.6	25.60	202.0	29.68	224.0	34.28
	29	113.6	15.96	135.6	19.36	157.6	23.12	168.8	25.12	179.6	27.24	202.0	31.68	224.0	36.60
	31	113.6	16.92	135.6	20.52	157.6	24.52	168.8	26.76	179.6	29.00	202.0	33.80	224.0	38.96
	33	113.6	17.84	135.6	21.72	157.6	26.04	168.8	28.40	179.6	30.88	202.0	35.92	224.0	41.56
	35	113.6	18.88	135.6	23.12	157.6	27.68	168.8	30.16	179.6	32.76	202.0	38.28	224.0	44.12
	37	113.6	19.96	135.6	24.40	157.6	29.36	168.8	32.04	179.6	34.76	202.0	40.60	224.0	46.96
	39	113.6	21.20	135.6	26.00	157.6	31.68	168.8	34.36	179.6	37.40	202.0	43.56	224.0	50.32
	41	110.4	23.00	132.0	28.44	153.6	34.40	164.4	37.56	175.2	40.60	196.8	47.80	218.4	54.68
	43	108.0	25.00	128.8	30.96	150.0	37.48	160.4	40.92	170.8	44.24	192.0	52.16	212.8	59.72
	46	101.2	28.00	120.8	34.76	140.4	42.16	150.4	46.00	160.0	49.80	179.6	58.76	199.6	68.04
	48	89.6	24.40	106.8	30.32	124.4	36.84	132.8	40.16	141.6	43.52	159.2	51.40	176.4	59.52
50	10	94.8	11.04	113.6	12.80	131.6	14.52	140.8	15.60	149.6	16.52	167.6	18.60	186.8	20.72
	12	94.8	11.16	113.6	12.92	131.6	14.76	140.8	15.80	149.6	16.88	167.6	18.96	186.8	21.04
	14	94.8	11.28	113.6	13.16	131.6	15.00	140.8	16.04	149.6	17.08	167.6	19.20	186.8	21.40
	16	94.8	11.52	113.6	13.36	131.6	15.24	140.8	16.40	149.6	17.32	167.6	19.56	186.8	21.76
	18	94.8	11.64	113.6	13.48	131.6	15.48	140.8	16.64	149.6	17.68	167.6	19.88	186.8	22.20
	20	94.8	11.76	113.6	13.72	131.6	15.80	140.8	16.88	149.6	18.04	167.6	20.24	186.8	22.68
	21	94.8	11.88	113.6	13.84	131.6	15.92	140.8	17.08	149.6	18.16	167.6	20.48	186.8	22.92
	23	94.8	12.08	113.6	14.08	131.6	16.16	140.8	17.32	149.6	18.48	167.6	20.84	186.8	23.36
	25	94.8	12.20	113.6	14.32	131.6	16.52	140.8	17.68	149.6	19.08	167.6	21.88	186.8	25.00
	27	94.8	12.44	113.6	14.76	131.6	17.44	140.8	18.84	149.6	20.24	167.6	23.36	186.8	26.64
	29	94.8	13.16	113.6	15.72	131.6	18.48	140.8	20.00	149.6	21.52	167.6	24.76	186.8	28.28
	31	94.8	13.84	113.6	16.64	131.6	19.64	140.8	21.16	149.6	22.92	167.6	26.40	186.8	30.12
	33	94.8	14.64	113.6	17.56	131.6	20.84	140.8	22.44	149.6	24.32	167.6	28.04	186.8	32.12
	35	94.8	15.48	113.6	18.60	131.6	22.00	140.8	23.84	149.6	25.72	167.6	29.64	186.8	34.08
	37	94.8	16.40	113.6	19.64	131.6	23.28	140.8	25.24	149.6	27.20	167.6	31.64	186.8	36.16
	39	94.8	17.48	113.6	21.08	131.6	24.92	140.8	27.16	149.6	29.20	167.6	33.68	186.8	39.08
	41	92.4	18.92	110.4	22.80	128.0	27.24	137.2	29.44	146.0	31.64	163.6	36.92	182.0	42.44
	43	90.0	20.56	108.0	24.80	125.2	29.64	133.6	32.04	142.4	34.44	159.2	40.28	177.6	46.28
	46	84.4	23.04	101.2	27.84	117.2	33.28	125.2	36.00	133.2	38.68	149.2	45.32	166.4	52.12
	48	74.8	20.08	89.6	24.28	103.6	29.00	110.8	31.40	118.0	33.76	132.0	39.60	147.2	45.56

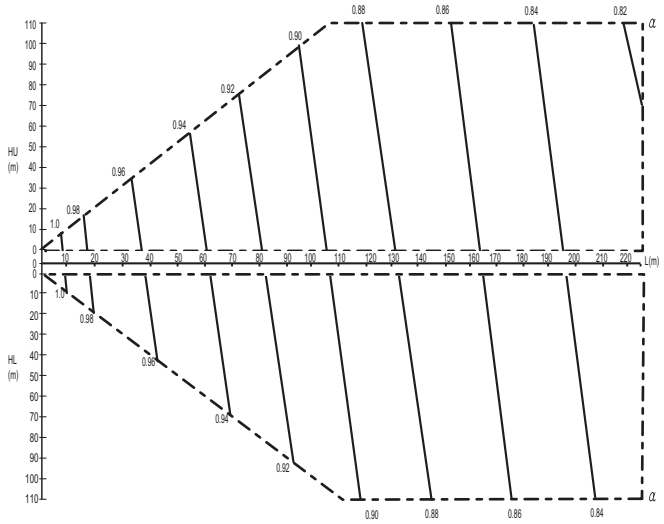
Note

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, 26RT

◆ 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	0.88	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	0.87	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	0.82
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	0.86	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	0.86	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	0.86	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	0.86	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	0.86	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	0.86	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

Symbols

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

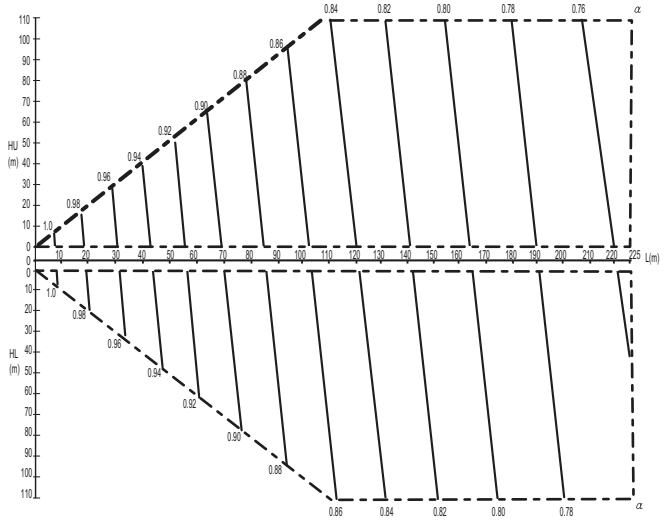
HL : Level difference between indoor and outdoor units where indoor unit in lower position (m)

L : Equivalent pipe length (m)

α : Capacity correction factor

8.2 30, 32, 34, 36, 38, 40, 42, 44, 46, 48RT

◆ 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	-	-	-	-	-	-	-	-	-	-	-	0.84	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	0.78	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	0.75
70	-	-	-	-	-	-	-	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	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	0.79	0.78	0.77	0.77	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	0.75
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	0.75
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
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
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
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	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	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
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
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
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
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
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
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
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
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
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
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
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
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

Symbols

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

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

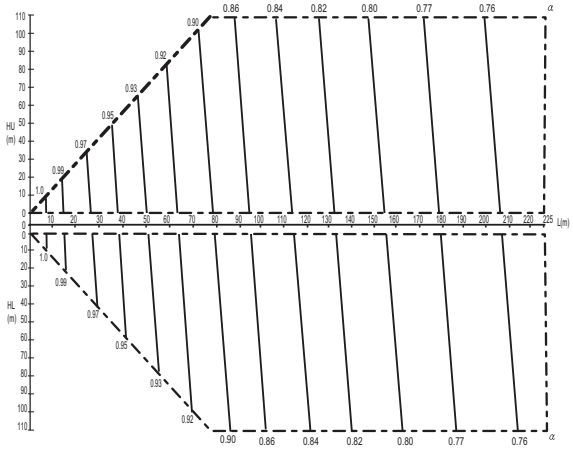
L : Equivalent pipe length (m)

α : Capacity correction factor

8. Capacity Correction Factor

8.3 50, 52, 54, 56, 58, 60, 62, 64RT

◆ 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	

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	0.99	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	0.84	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	

Symbols

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

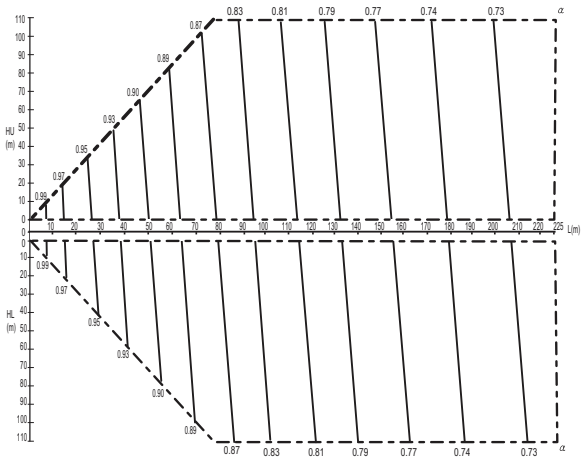
HL : Level difference between indoor and outdoor units where indoor unit in lower position (m)

L : Equivalent pipe length (m)

α : Capacity correction factor

8.4 66, 68, 70, 72, 74, 76, 78, 80RT

◆ 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	-	-	-	-	-	-	-	-	-	-	-	-	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	0.71
100	-	-	-	-	-	-	-	-	-	-	-	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	0.71
90	-	-	-	-	-	-	-	-	-	-	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	0.71
80	-	-	-	-	-	-	-	-	-	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	0.71
70	-	-	-	-	-	-	-	-	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.72	0.71
60	-	-	-	-	-	-	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.72	0.71	
50	-	-	-	-	-	0.89	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.72	
40	-	-	-	-	0.90	0.89	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.76	0.75	0.74	0.73	0.73	0.72	
30	-	-	-	0.93	0.90	0.89	0.87	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.76	0.75	0.74	0.73	0.73	0.72	
20	-	-	0.95	0.93	0.91	0.89	0.88	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75	0.74	0.73	0.73	0.72	
10	-	0.97	0.95	0.93	0.91	0.89	0.88	0.86	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.75	0.74	0.73	0.73	0.72	
7.5	0.99	0.97	0.95	0.93	0.91	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.80	0.79	0.78	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	
0	0.99	0.97	0.95	0.94	0.91	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	

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	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	0.99	0.97	0.95	0.94	0.91	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	
7.5	0.99	0.97	0.95	0.94	0.91	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	
10	-	0.97	0.95	0.94	0.91	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	
20	-	-	0.96	0.94	0.91	0.90	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	
30	-	-	-	0.94	0.91	0.90	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.72	
40	-	-	-	-	0.91	0.90	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.72	
50	-	-	-	-	-	0.90	0.89	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.72	
60	-	-	-	-	-	-	0.89	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.76	0.75	0.74	0.73	0.72	
70	-	-	-	-	-	-	-	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.76	0.75	0.74	0.73	0.72	
80	-	-	-	-	-	-	-	-	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75	0.74	0.73	0.72	
90	-	-	-	-	-	-	-	-	-	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75	0.74	0.73	0.72	
100	-	-	-	-	-	-	-	-	-	-	0.84	0.83	0.82	0.80	0.79	0.78	0.78	0.77	0.76	0.75	0.74	0.74	0.72	
110	-	-	-	-	-	-	-	-	-	-	-	0.83	0.82	0.80	0.79	0.78	0.78	0.77	0.76	0.75	0.74	0.74	0.72	

Symbols

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

HL : Level difference between indoor and outdoor units where indoor 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, constant evaporating pressure control during cooling, and constant condensing pressure control during 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 outdoor 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 and Gas pipes are increased)
   - 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, 26RT**

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

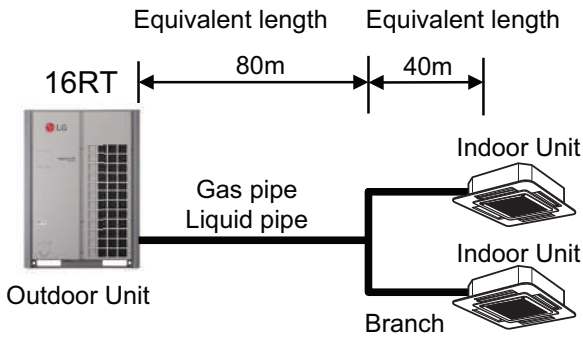
   - **28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48RT**

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

   - **50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80RT**

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

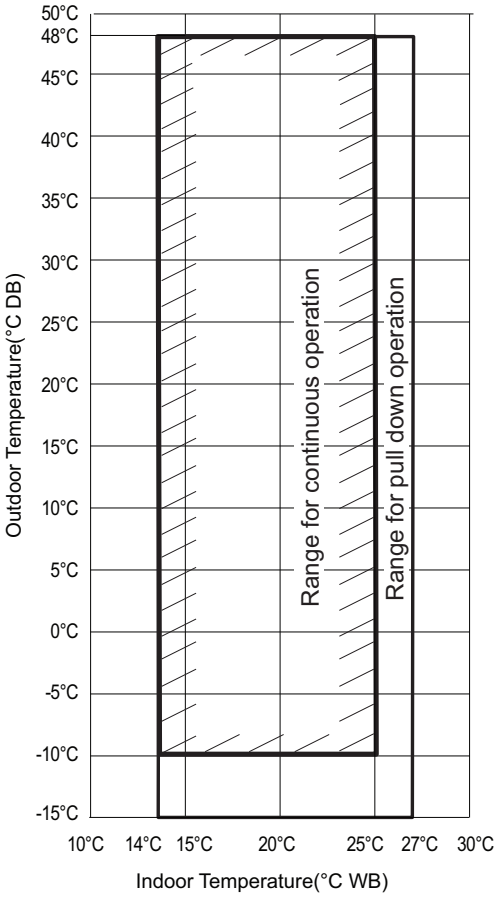


* (Cooling) Overall equivalent length =80 m x 0.5 + 40 m = 80 m
* (Heating) Overall equivalent length =80 m x 0.2 + 40 m = 56 m

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

9. Operation Limits

■ Cooling Operation

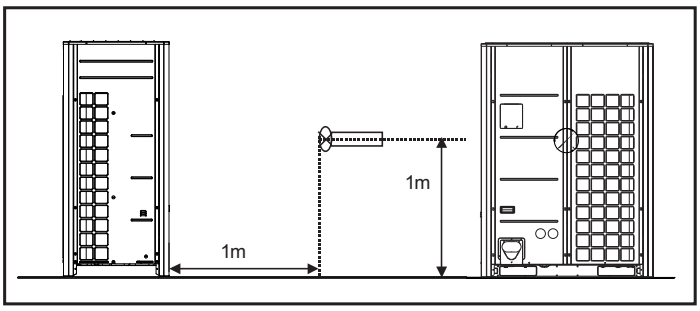


Note

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.

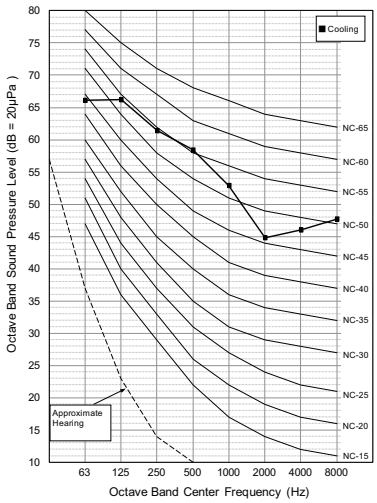
◆ **220V / 460V**

Unit:dB(A)

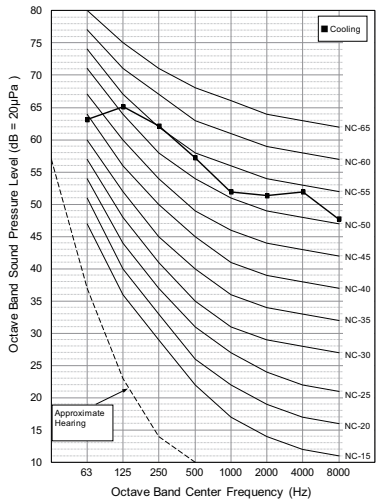
Model	Cooling	Model	Cooling
ARUV096BTE5	58.0	ARUV096DTE5	58.0
ARUV121BTE5	59.0	ARUV121DTE5	59.0
ARUV144BTE5	60.0	ARUV144DTE5	60.0
ARUV168BTE5	60.5	ARUV168DTE5	60.5
ARUV192BTE5	62.0	ARUV192DTE5	62.0
ARUV216BTE5	64.5	ARUV216DTE5	64.5
ARUV241BTE5	65.0	ARUV241DTE5	65.0
ARUV264BTE5	65.0	ARUV264DTE5	65.0
ARUV288BTE5	62.8	ARUV288DTE5	62.8
ARUV312BTE5	63.8	ARUV312DTE5	63.8
ARUV336BTE5	65.6	ARUV336DTE5	65.6
ARUV360BTE5	66.0	ARUV360DTE5	66.0
ARUV384BTE5	66.2	ARUV384DTE5	66.2
ARUV408BTE5	66.3	ARUV408DTE5	66.3
ARUV432BTE5	66.8	ARUV432DTE5	66.8
ARUV456BTE5	67.8	ARUV456DTE5	67.8
ARUV480BTE5	68.0	ARUV480DTE5	68.0
ARUV504BTE5	67.0	ARUV504DTE5	67.0
ARUV530BTE5	67.1	ARUV530DTE5	67.1
ARUV554BTE5	67.4	ARUV554DTE5	67.4
ARUV578BTE5	68.3	ARUV578DTE5	68.3
ARUV603BTE5	68.5	ARUV603DTE5	68.5
ARUV626BTE5	68.6	ARUV626DTE5	68.6
ARUV650BTE5	68.7	ARUV650DTE5	68.7
ARUV674BTE5	69.0	ARUV674DTE5	69.0
ARUV698BTE5	69.6	ARUV698DTE5	69.6
ARUV723BTE5	69.8	ARUV723DTE5	69.8
ARUV747BTE5	69.1	ARUV747DTE5	69.1
ARUV771BTE5	69.2	ARUV771DTE5	69.2
ARUV795BTE5	69.4	ARUV795DTE5	69.4
ARUV819BTE5	70.0	ARUV819DTE5	70.0
ARUV844BTE5	70.1	ARUV844DTE5	70.1
ARUV867BTE5	70.2	ARUV867DTE5	70.2
ARUV891BTE5	70.3	ARUV891DTE5	70.3
ARUV915BTE5	70.4	ARUV915DTE5	70.4
ARUV939BTE5	70.9	ARUV939DTE5	70.9
ARUV964BTE5	71.0	ARUV964DTE5	71.0

10. Sound Levels

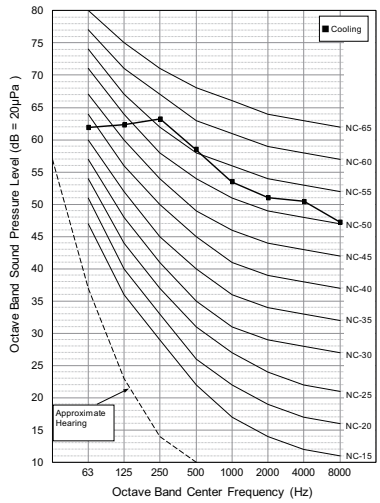
ARUV096BTE5 / ARUV096DTE5



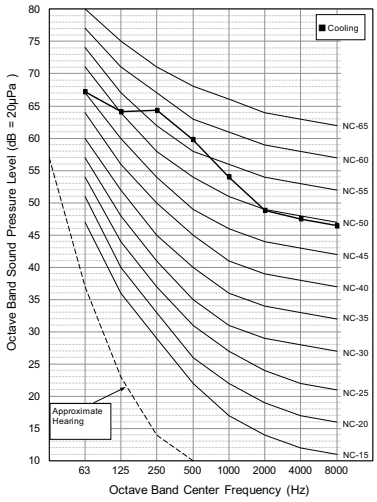
ARUV121BTE5 / ARUV121DTE5



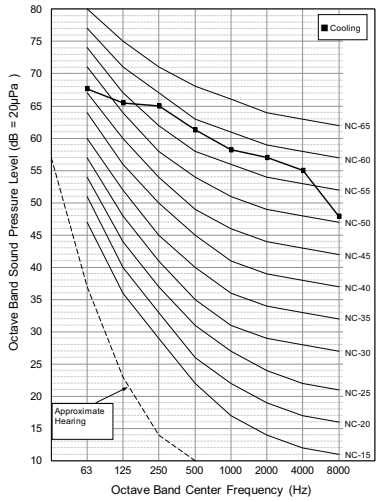
ARUV144BTE5 / ARUV144DTE5



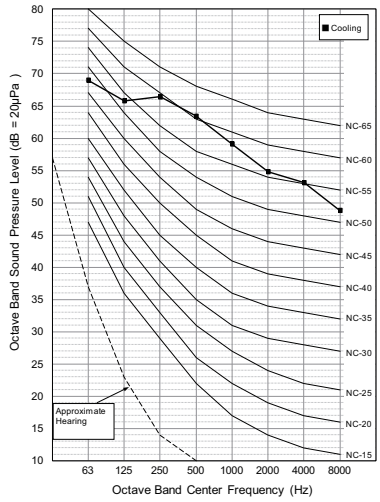
ARUV168BTE5 / ARUV168DTE5



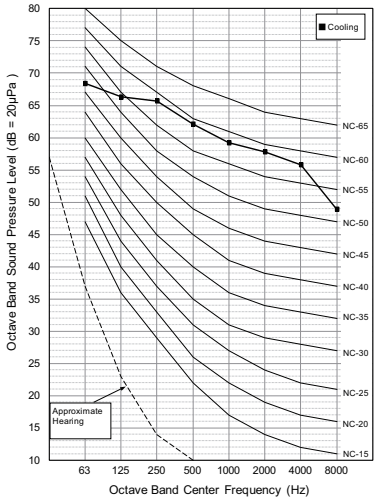
ARUV192BTE5 / ARUV192DTE5



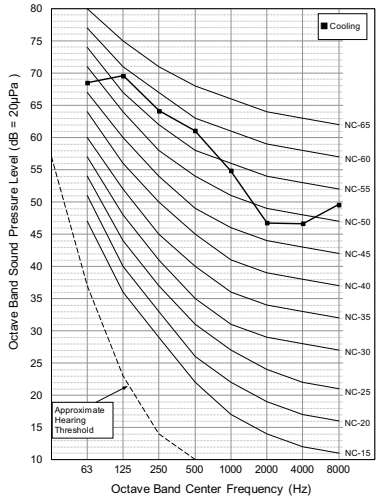
ARUV216BTE5 / ARUV216DTE5



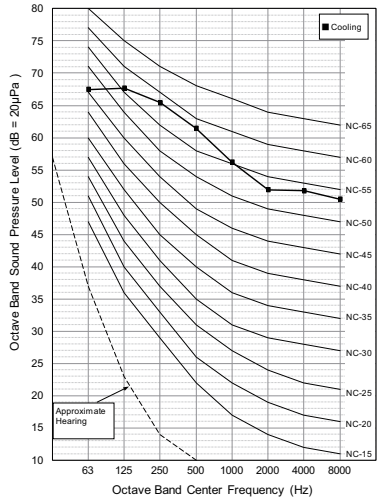
ARUV241BTE5 / ARUV241DTE5



ARUV264BTE5 / ARUV264DTE5

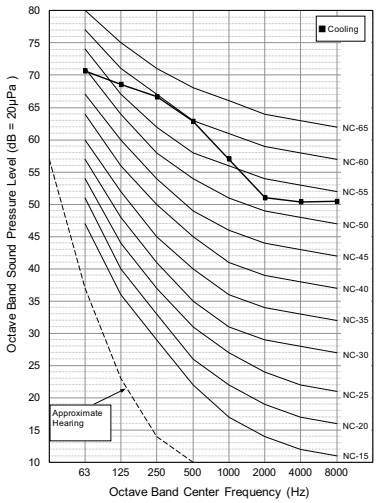


ARUV288BTE5 / ARUV288DTE5

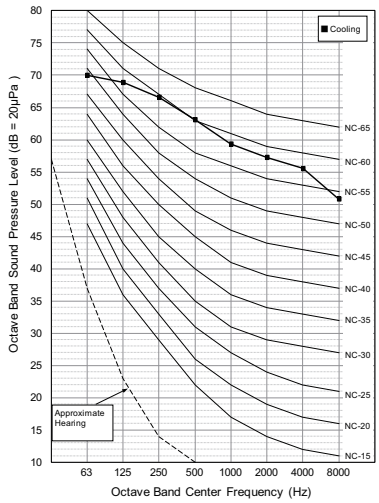


10. Sound Levels

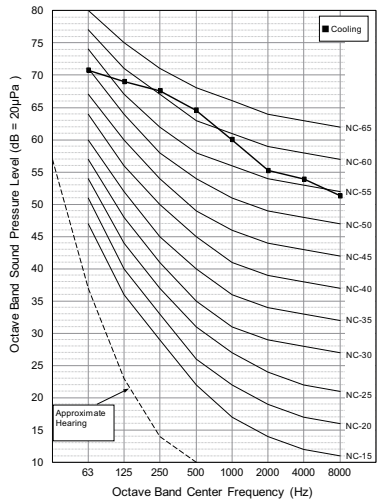
ARUV312BTE5 / ARUV312DTE5



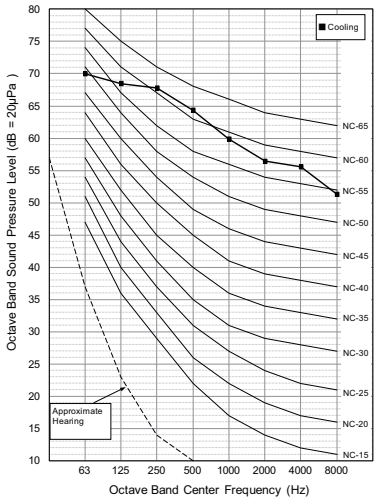
ARUV336BTE5 / ARUV336DTE5



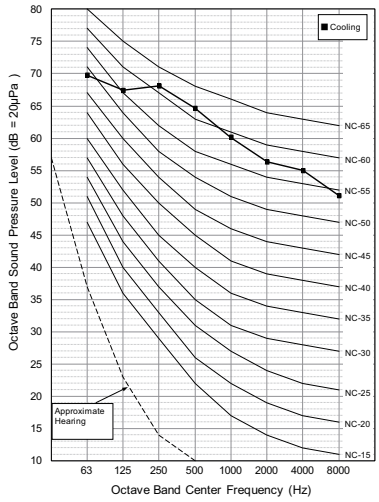
ARUV360BTE5 / ARUV360DTE5



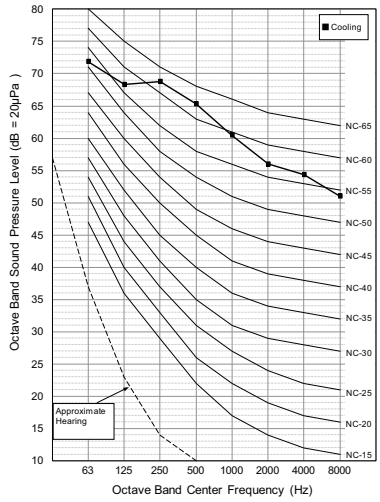
ARUV384BTE5 / ARUV384DTE5



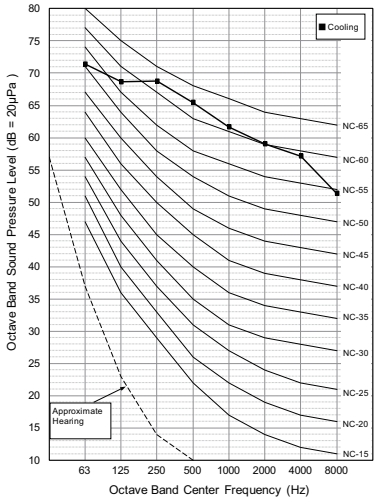
ARUV408BTE5 / ARUV408DTE5



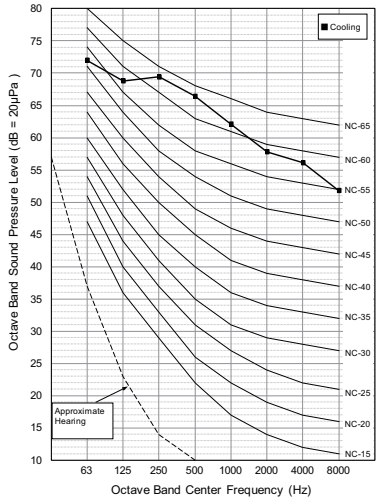
ARUV432BTE5 / ARUV432DTE5



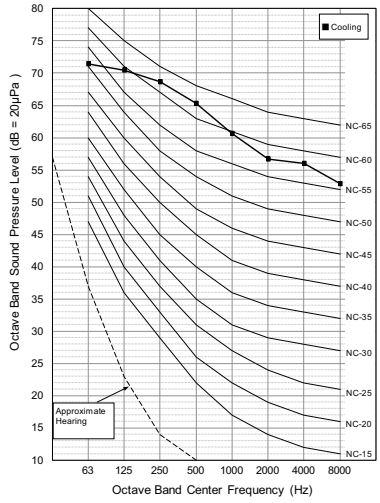
ARUV456BTE5 / ARUV456DTE5



ARUV480BTE5 / ARUV480DTE5

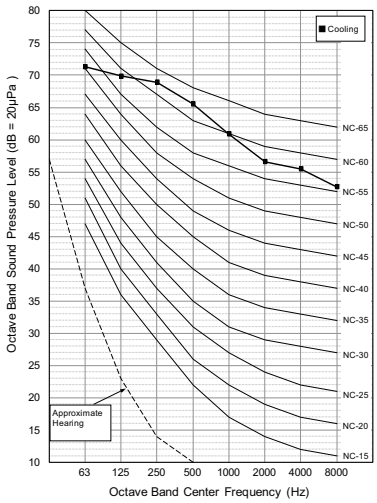


ARUV504BTE5 / ARUV504DTE5

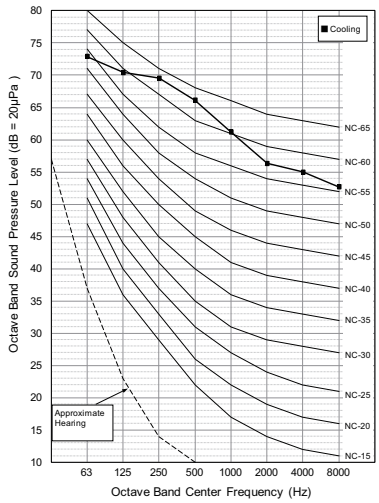


10. Sound Levels

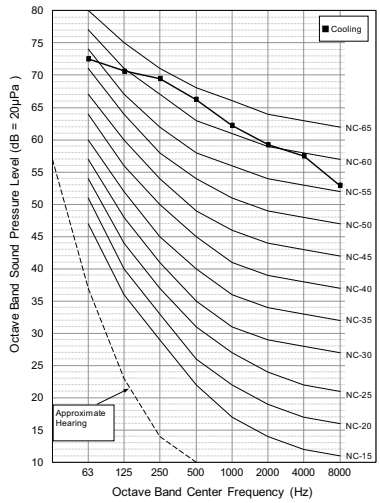
ARUV530BTE5 / ARUV530DTE5



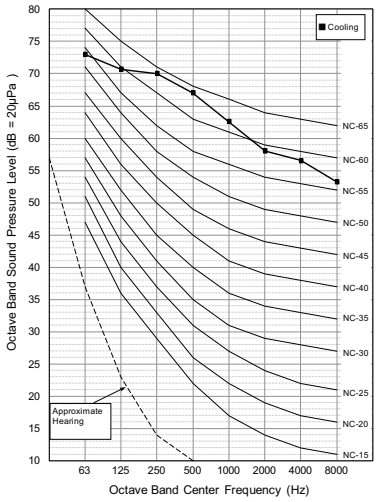
ARUV554BTE5 / ARUV554DTE5



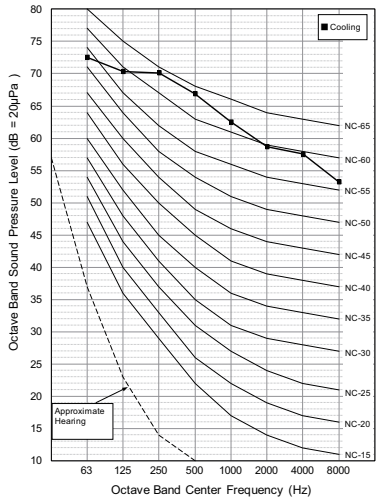
ARUV578BTE5 / ARUV578DTE5



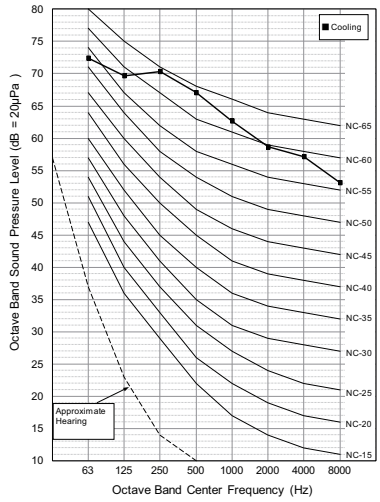
ARUV603BTE5 / ARUV603DTE5



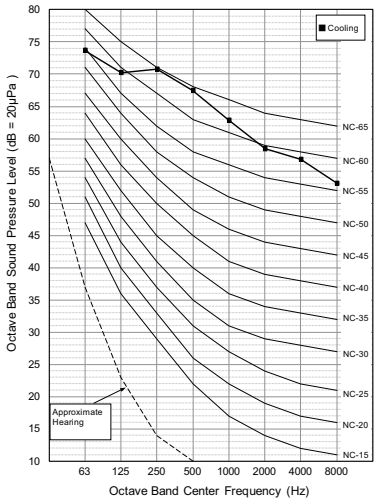
ARUV626BTE5 / ARUV626DTE5



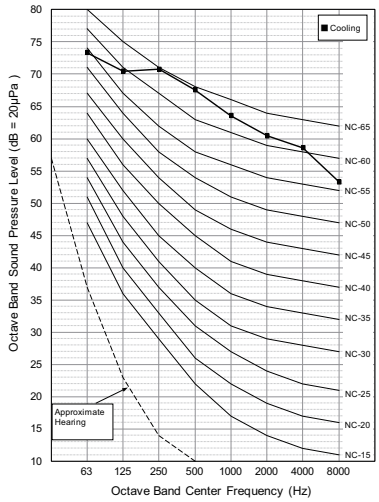
ARUV650BTE5 / ARUV650DTE5



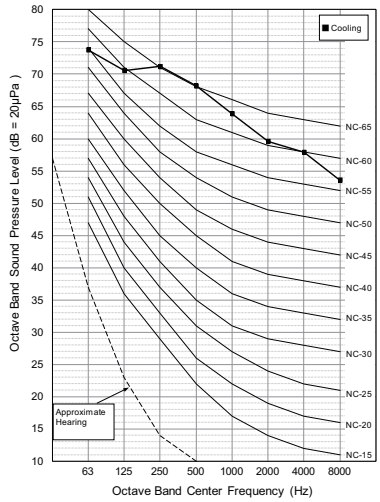
ARUV674BTE5 / ARUV674DTE5



ARUV698BTE5 / ARUV698DTE5

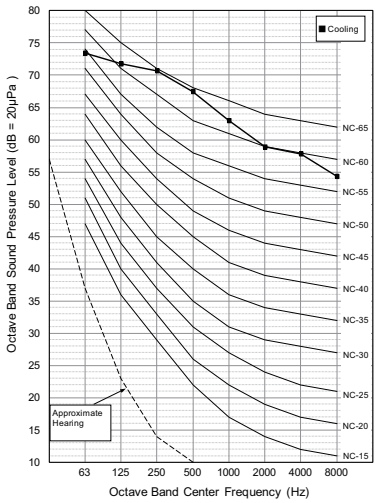


ARUV723BTE5 / ARUV723DTE5

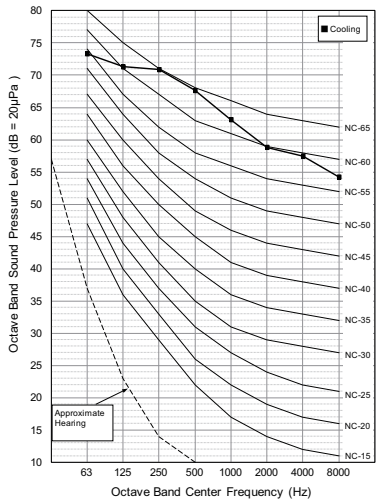


10. Sound Levels

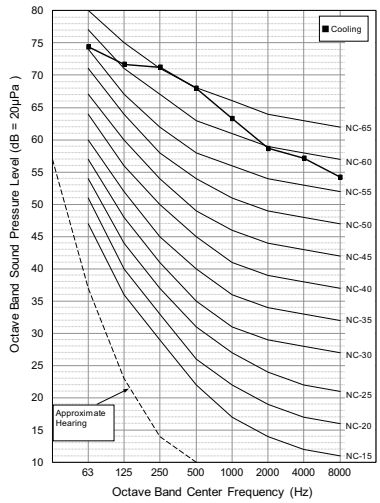
ARUV747BTE5 / ARUV747DTE5



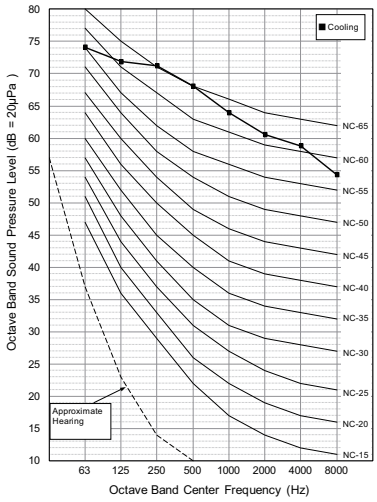
ARUV771BTE5 / ARUV771DTE5



ARUV795BTE5 / ARUV795DTE5



ARUV819BTE5 / ARUV819DTE5



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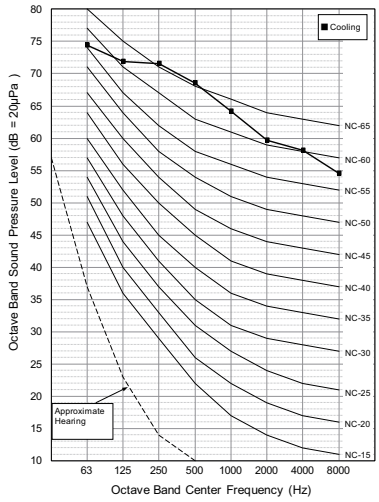

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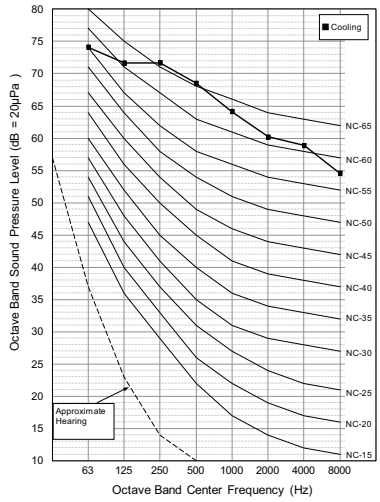
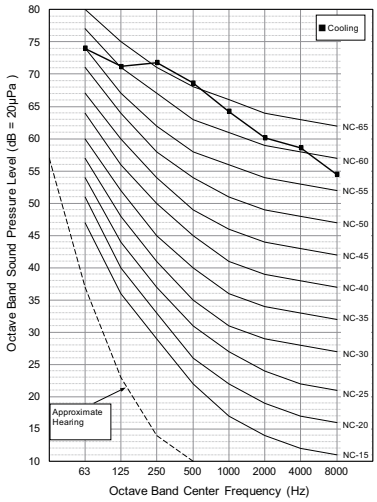
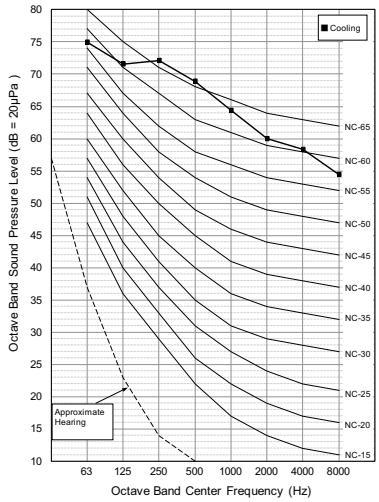


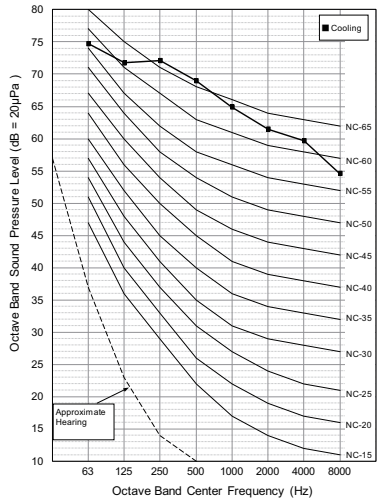
ARUV891BTE5 / ARUV891DTE5



ARUV915BTE5 / ARUV915DTE5

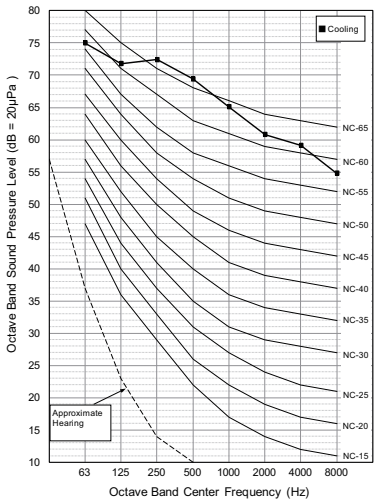


ARUV939BTE5 / ARUV939DTE5



10. Sound Levels

ARUV964BTE5 / ARUV964DTE5



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 reverberation 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

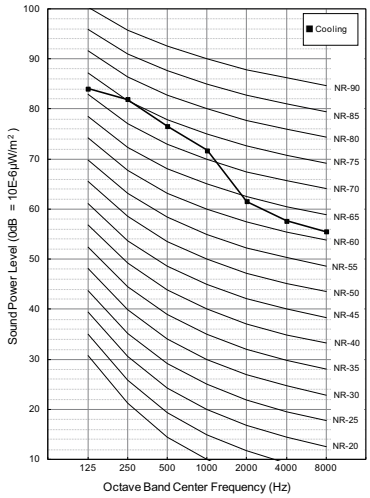
◆ 220V / 460V

Unit:dB(A)

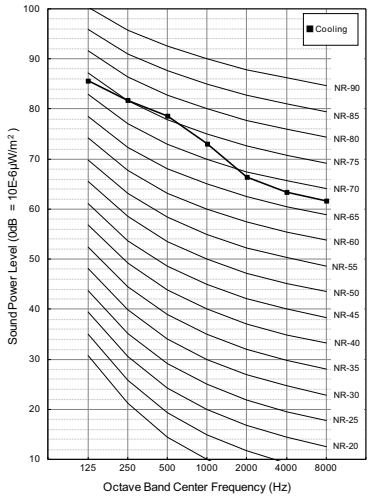
Model	Cooling	Model	Cooling
ARUV096BTE5	78.0	ARUV096DTE5	78.0
ARUV121BTE5	79.0	ARUV121DTE5	79.0
ARUV144BTE5	82.0	ARUV144DTE5	82.0
ARUV168BTE5	83.0	ARUV168DTE5	83.0
ARUV192BTE5	86.0	ARUV192DTE5	86.0
ARUV216BTE5	86.0	ARUV216DTE5	86.0
ARUV241BTE5	88.0	ARUV241DTE5	88.0
ARUV264BTE5	88.0	ARUV264DTE5	88.0
ARUV288BTE5	84.5	ARUV288DTE5	84.5
ARUV312BTE5	86.8	ARUV312DTE5	86.8
ARUV336BTE5	86.8	ARUV336DTE5	86.8
ARUV360BTE5	88.5	ARUV360DTE5	88.5
ARUV384BTE5	89.0	ARUV384DTE5	89.0
ARUV408BTE5	89.2	ARUV408DTE5	89.2
ARUV432BTE5	90.1	ARUV432DTE5	90.1
ARUV456BTE5	90.1	ARUV456DTE5	90.1
ARUV480BTE5	91.0	ARUV480DTE5	91.0
ARUV504BTE5	89.4	ARUV504DTE5	89.4
ARUV530BTE5	89.6	ARUV530DTE5	89.6
ARUV554BTE5	90.4	ARUV554DTE5	90.4
ARUV578BTE5	90.4	ARUV578DTE5	90.4
ARUV603BTE5	91.3	ARUV603DTE5	91.3
ARUV626BTE5	91.5	ARUV626DTE5	91.5
ARUV650BTE5	91.6	ARUV650DTE5	91.6
ARUV674BTE5	92.2	ARUV674DTE5	92.2
ARUV698BTE5	92.2	ARUV698DTE5	92.2
ARUV723BTE5	92.8	ARUV723DTE5	92.8
ARUV747BTE5	91.8	ARUV747DTE5	91.8
ARUV771BTE5	91.9	ARUV771DTE5	91.9
ARUV795BTE5	92.4	ARUV795DTE5	92.4
ARUV819BTE5	92.4	ARUV819DTE5	92.4
ARUV844BTE5	92.9	ARUV844DTE5	92.9
ARUV867BTE5	93.1	ARUV867DTE5	93.1
ARUV891BTE5	93.2	ARUV891DTE5	93.2
ARUV915BTE5	93.6	ARUV915DTE5	93.6
ARUV939BTE5	93.6	ARUV939DTE5	93.6
ARUV964BTE5	94.0	ARUV964DTE5	94.0

10. Sound Levels

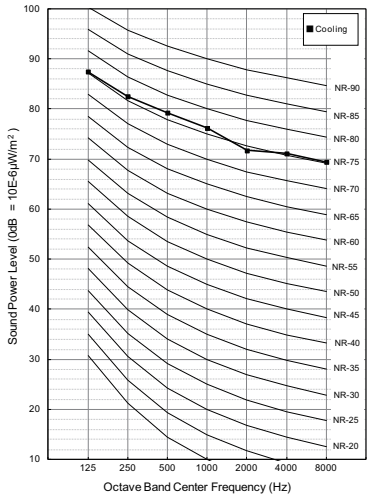
ARUV096BTE5 / ARUV096DTE5



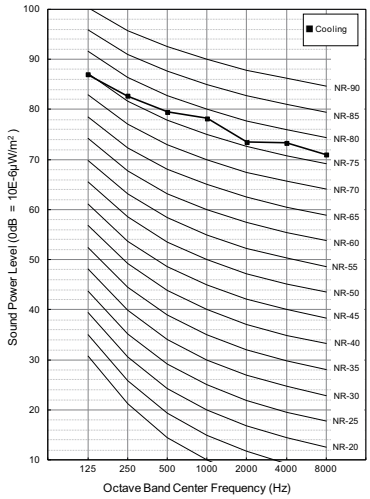
ARUV121BTE5 / ARUV121DTE5



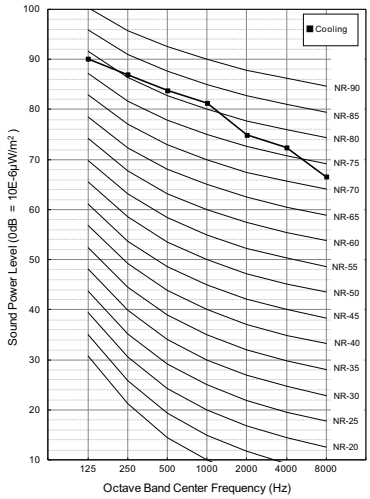
ARUV144BTE5 / ARUV144DTE5



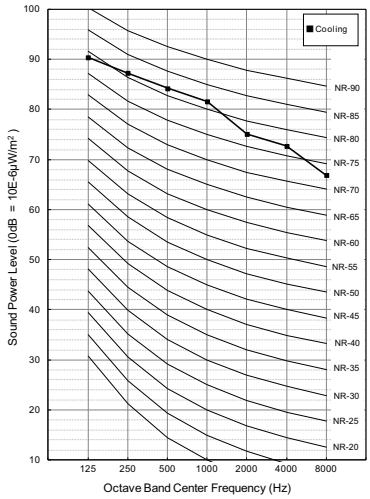
ARUV168BTE5 / ARUV168DTE5



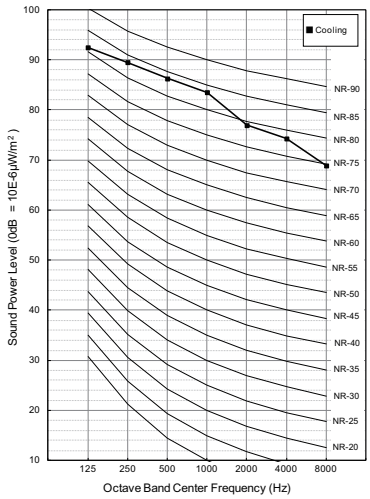
ARUV192BTE5 / ARUV192DTE5



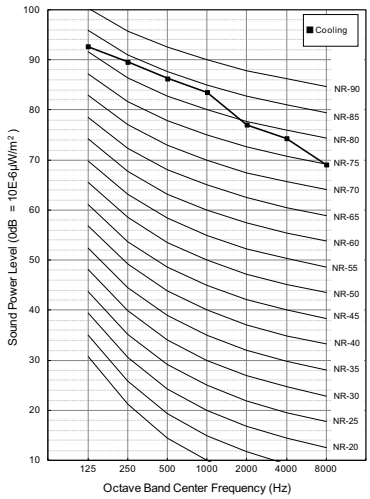
ARUV216BTE5 / ARUV216DTE5



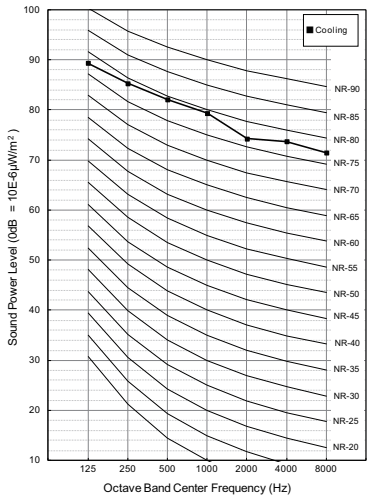
ARUV241BTE5 / ARUV241DTE5



ARUV264BTE5 / ARUV264DTE5

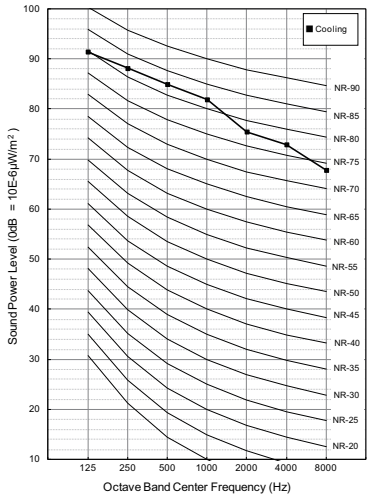


ARUV288BTE5 / ARUV288DTE5

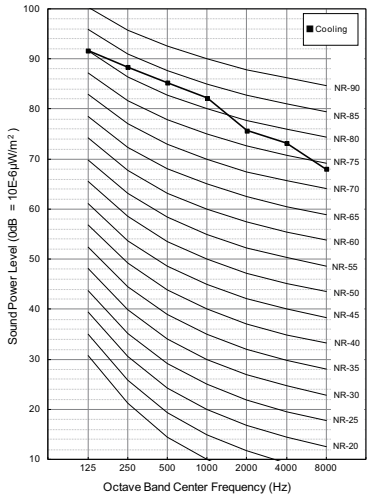


10. Sound Levels

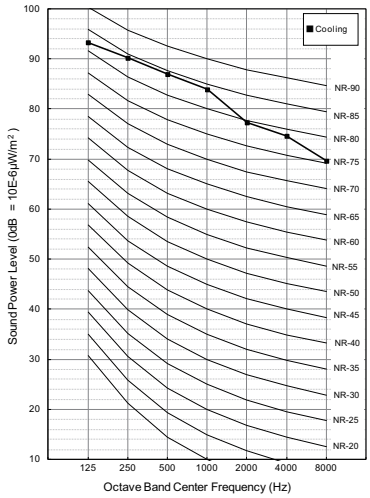
ARUV312BTE5 / ARUV312DTE5



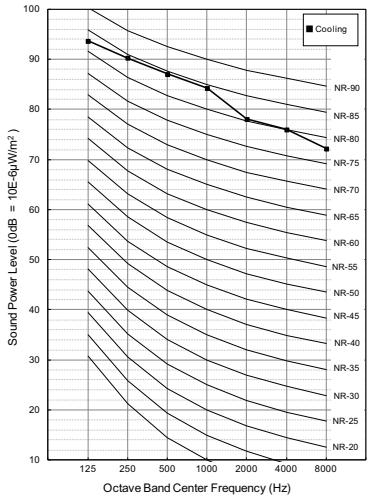
ARUV336BTE5 / ARUV336DTE5



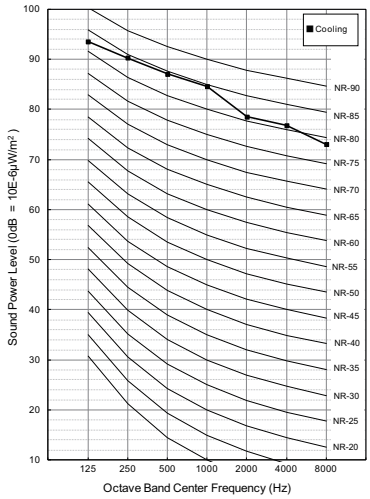
ARUV360BTE5 / ARUV360DTE5



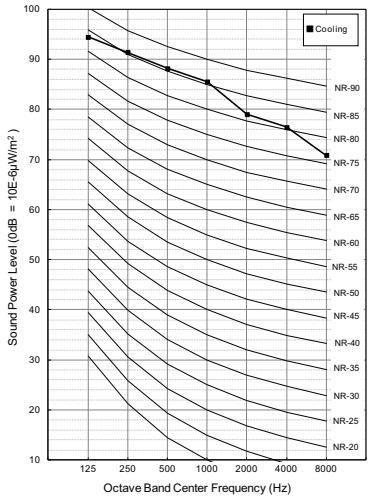
ARUV384BTE5 / ARUV384DTE5



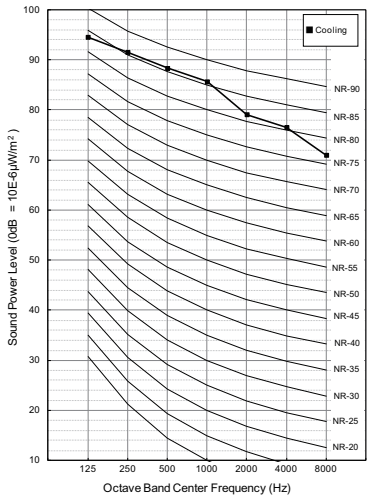
ARUV408BTE5 / ARUV408DTE5



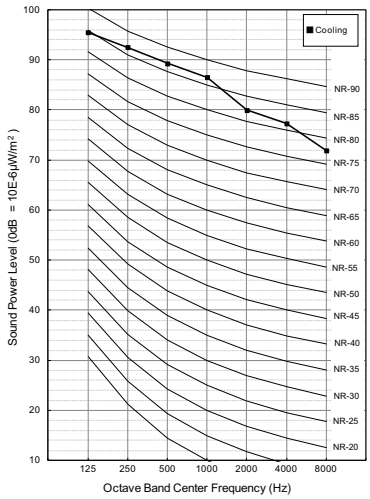
ARUV432BTE5 / ARUV432DTE5



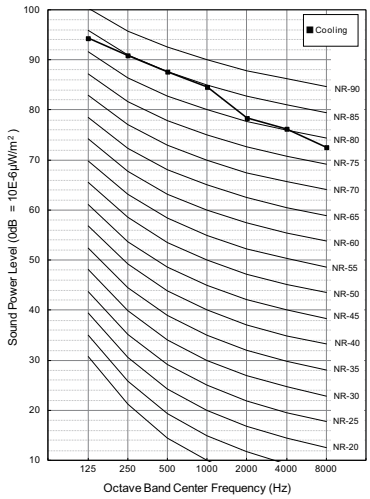
ARUV456BTE5 / ARUV456DTE5



ARUV480BTE5 / ARUV480DTE5

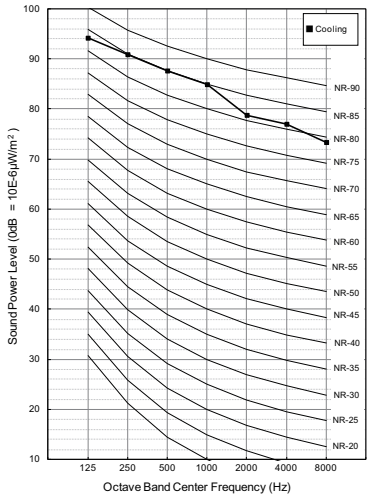


ARUV504BTE5 / ARUV504DTE5

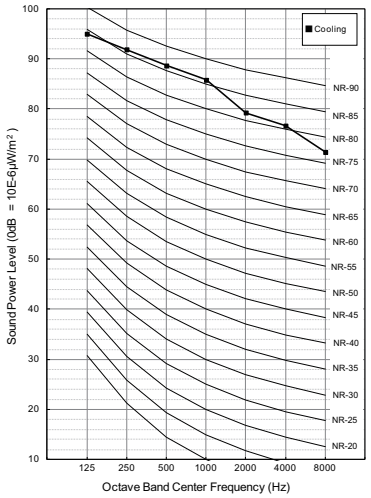


10. Sound Levels

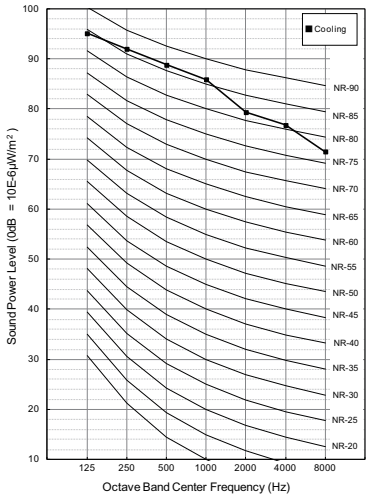
ARUV530BTE5 / ARUV530DTE5



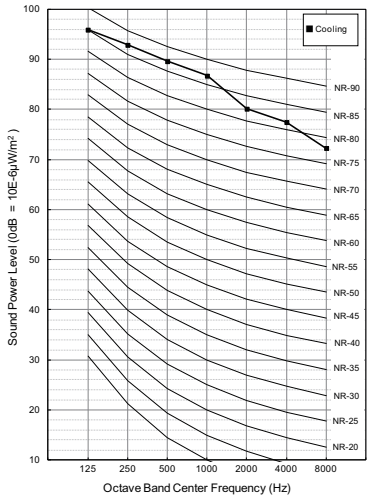
ARUV554BTE5 / ARUV554DTE5



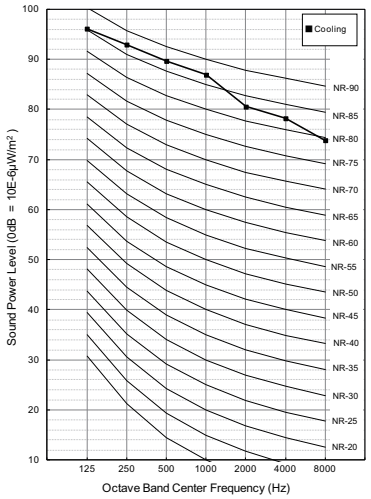
ARUV578BTE5 / ARUV578DTE5



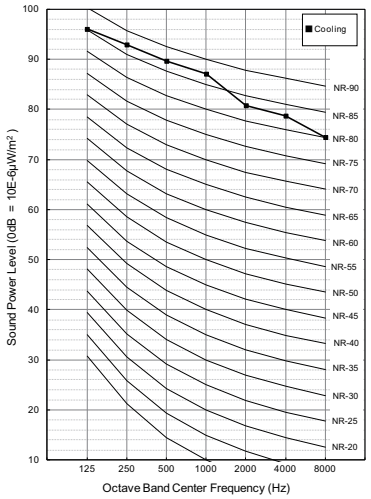
ARUV603BTE5 / ARUV603DTE5



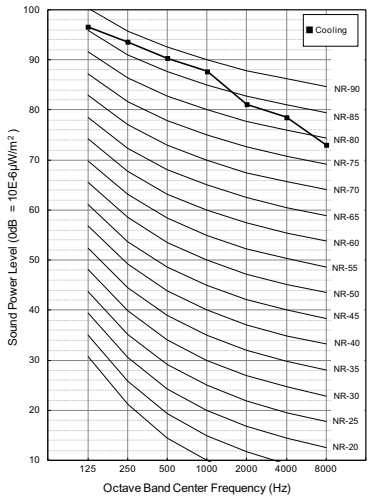
ARUV626BTE5 / ARUV626DTE5



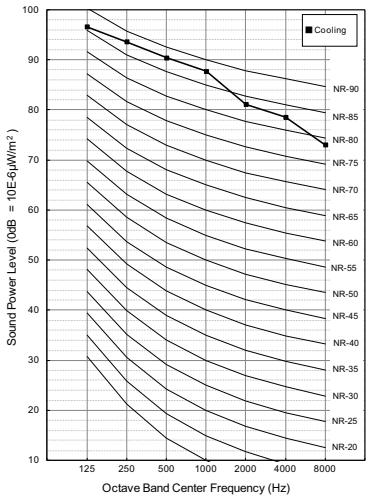
ARUV650BTE5 / ARUV650DTE5



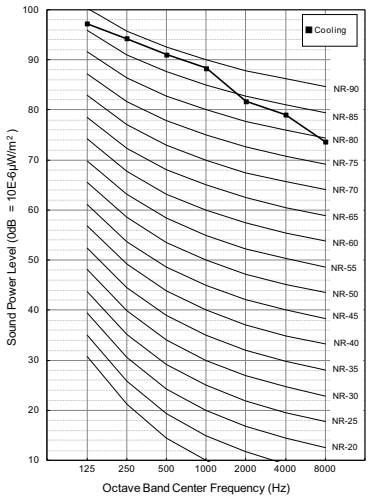
ARUV674BTE5 / ARUV674DTE5



ARUV698BTE5 / ARUV698DTE5

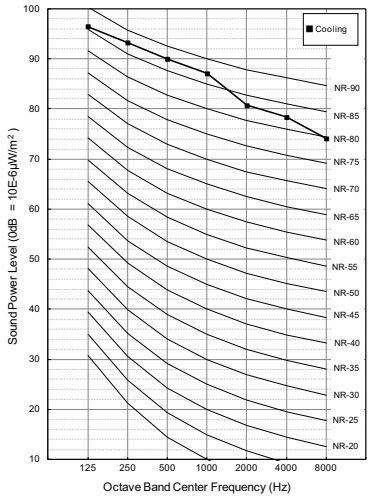


ARUV723BTE5 / ARUV723DTE5

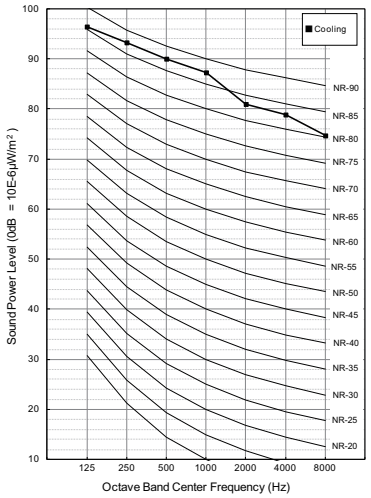


10. Sound Levels

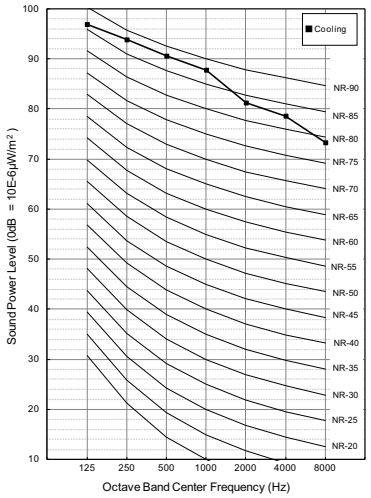
ARUV747BTE5 / ARUV747DTE5



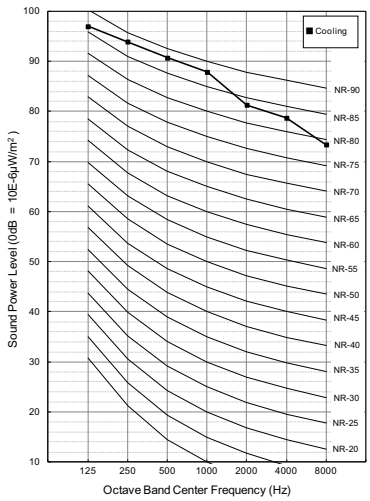
ARUV771BTE5 / ARUV771DTE5



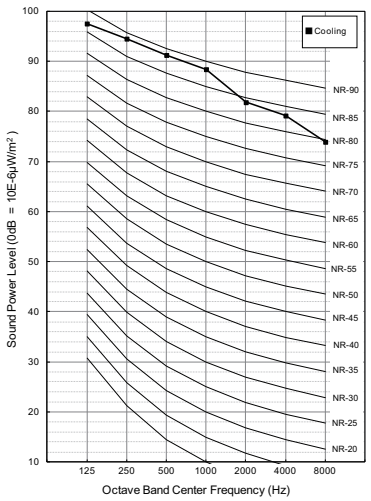
ARUV795BTE5 / ARUV795DTE5



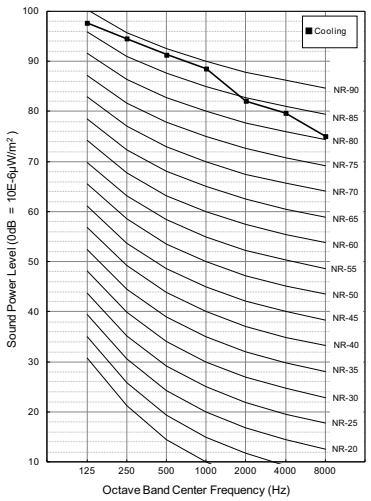
ARUV819BTE5 / ARUV819DTE5



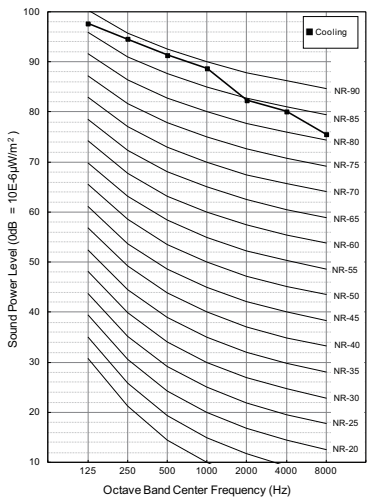
ARUV844BTE5 / ARUV844DTE5



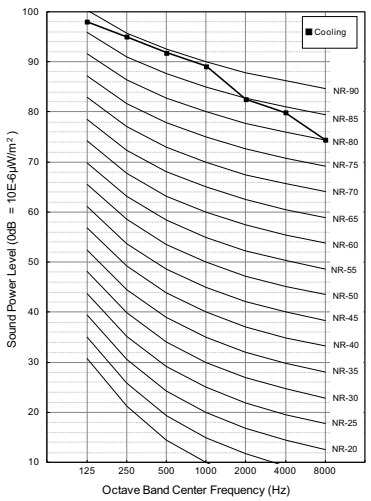
ARUV867BTE5 / ARUV867DTE5



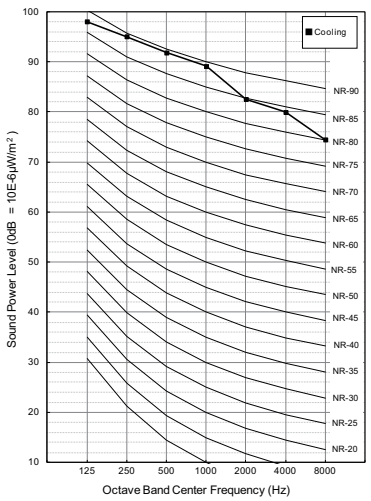
ARUV891BTE5 / ARUV891DTE5



ARUV915BTE5 / ARUV915DTE5

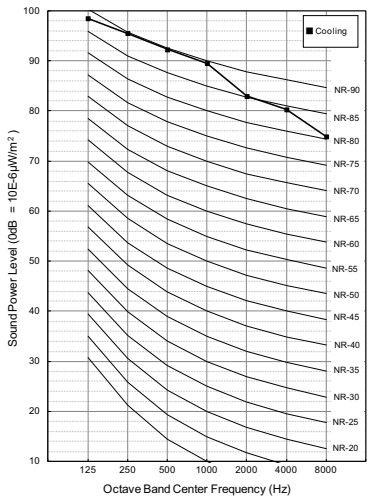


ARUV939BTE5 / ARUV939DTE5



10. Sound Levels

ARUV964BTE5 / ARUV964DTE5



11. Accessories

■ Optional Accessories

No.	Name	Model
1	Y branch pipe	ARBLN01621
		ARBLN03321
		ARBLN07121
		ARBLN14521
		ARBLN23220
2	Header	ARBL054
		ARBL057
		ARBL104
		ARBL107
		ARBL1010
		ARBL2010
3	Connection pipe of Outdoor Units	ARCNN21
		ARCNN31
		ARCNN41

MULTI V™ 5

Cooling Only

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

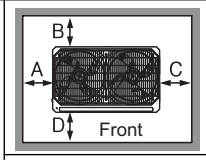
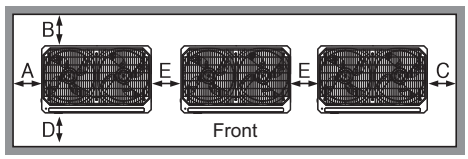
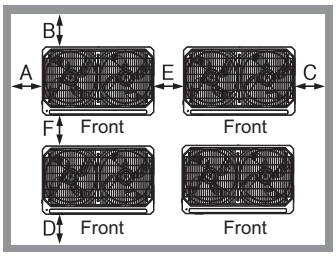
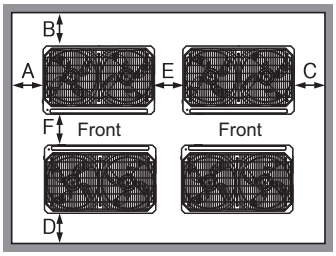
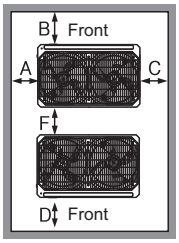
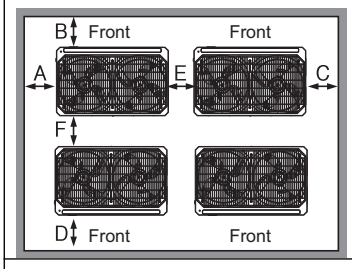
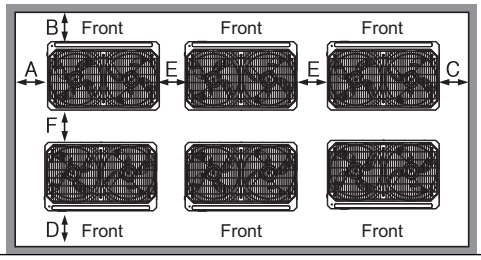
Select space for installing outdoor unit, which will meet the following conditions:

- 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.

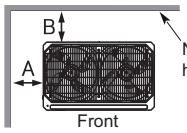
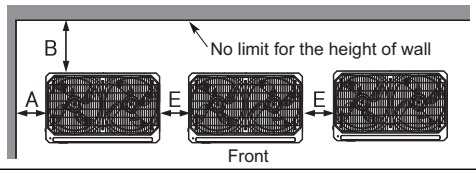
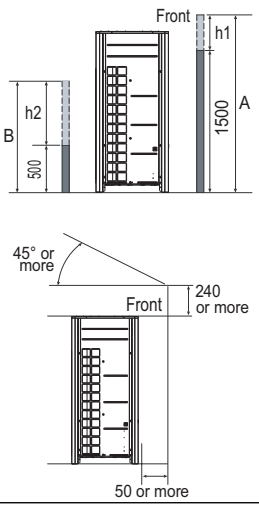
3. Installation Space

3.1 Individual Installation

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(31/32) 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(31/32) 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(31/32) 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(31/32) D ≥ 500(19-11/16) F ≥ 900(35-7/16)	A ≥ 50(1-31/32) B ≥500 C ≥ 50(1-31/32) D ≥ 500(19-11/16) F ≥ 600
		A ≥ 10(13/32) B ≥ 500(19-11/16) C ≥ 10(31/32) 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(31/32) 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

Category	Installation Space	Case 1 (10mm≤Side Space≤49mm)	Case 2 (Side Space≥49mm)
Only 2 sides are walls		A ≥ 10(13/32) B ≥ 300(11-13/16)	-
		A ≥ 10(13/32) B ≥ 300(11-13/16) E ≥ 20(25/32)	-
Limitations on the height of the wall (Refer to 4 side walls)	 	• 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 inlet side by 1/2 of h1. – Additional Space on the front side by 1/2 of h2 – h1 = A(Actual height) - 1500(59-1/16) – h2 = B(Actual height) - 500(19-11/16)	

■ Seasonal wind and cautions in winter

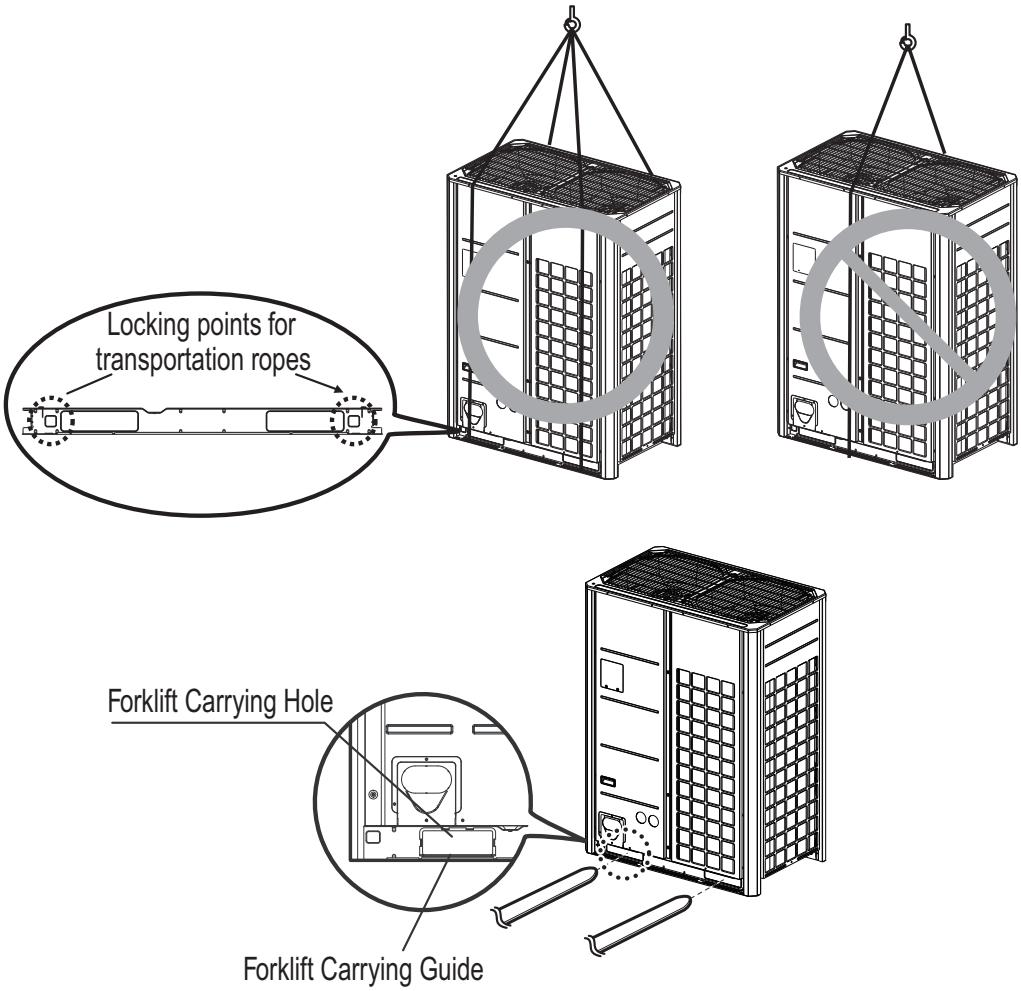
- Sufficient measures are required in a snow area or severe cold area in winter so that product can be operated well.
- Get ready for seasonal wind or snow in winter even in other areas.
- Install a suction and discharge duct not to let in snow or rain.
- Install the outdoor unit in such a way that it 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.
- Install the outdoor unit at the higher installation console by 50cm(19-11/16inch) than the average snowfall (annual average snowfall) if it is installed at the area with much snowfall.
- 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. The height of H frame must be more than 2 times the snowfall and its width shall not exceed the width of the product. (If width of the frame is wider than that of the product, snow may accumulate)
2. 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.



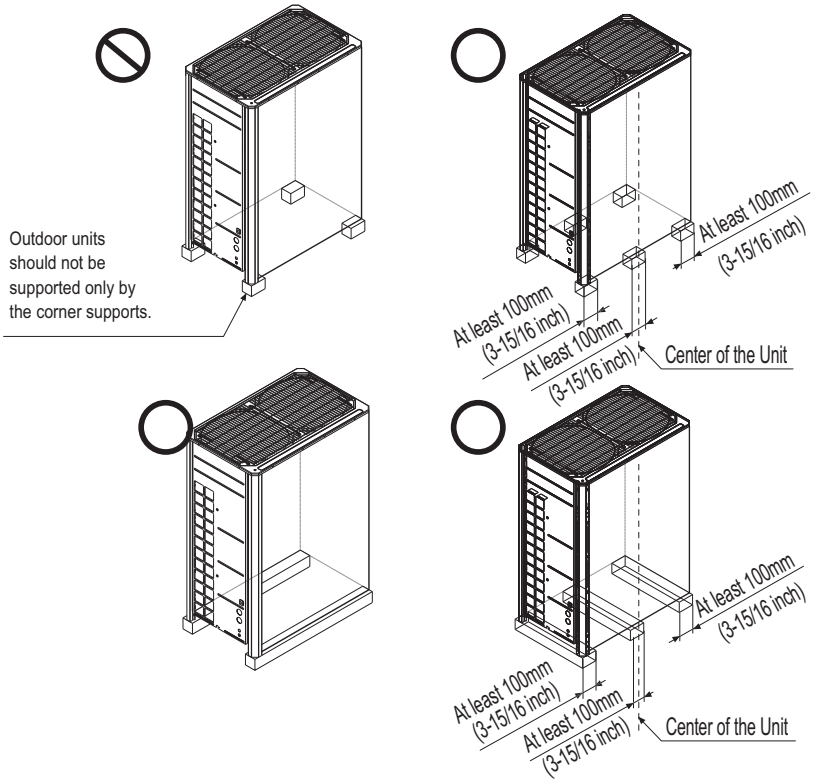
⚠ CAUTION

Be very careful while carrying the product.

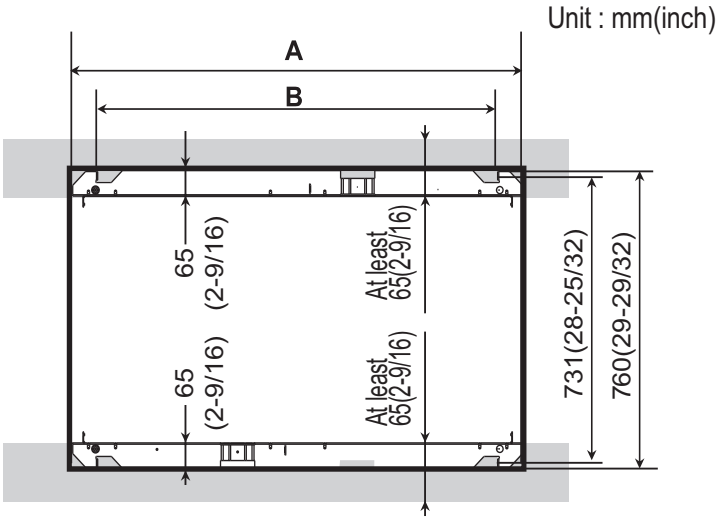
- Do not have only one person carry product if it is more than 20kg(441lbs).
- PP bands are used to pack some products. Do not use them as a mean for transportation because they aredangerous.
- Do not touch heat exchanger fins with your bare hands. Otherwise you may get a cut in your hands.
- Tear plastic 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

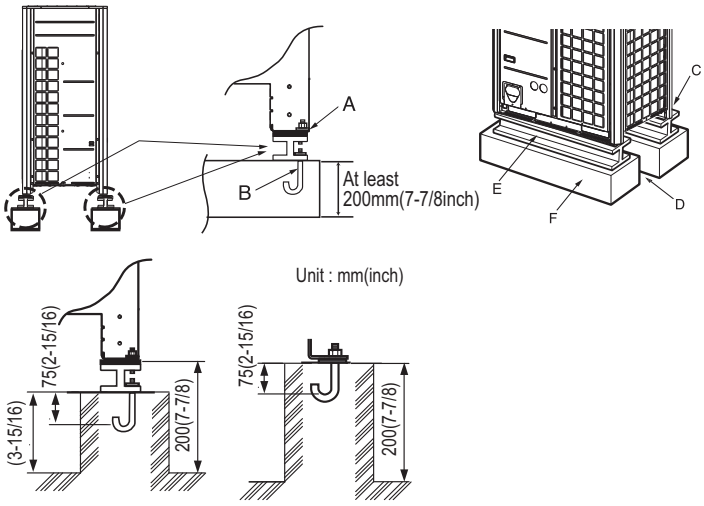


Chassis	A [mm(inch)]	B [mm(inch)]
UXA	930(36-5/8)	730(28-3/4)
UXB	1,240(48-13/16)	1,040(40-15/16)

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))



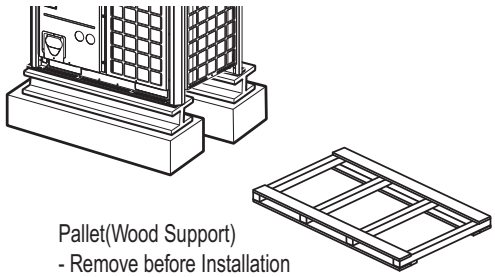
- A : The corner part must be fixed firmly. Otherwise, the support for the installation may be bent.
- B : Get and use M10 Anchor bolt.
- C: Put Cushion Pad between the outdoor unit and ground support for the vibration protection in wide area.
- D: Space for pipes and wiring (Pipes and wirings for bottom 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.



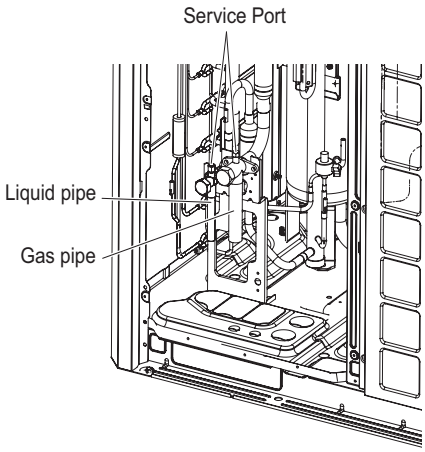
Pallet(Wood Support)
- Remove before Installation

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.



⚠ 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.

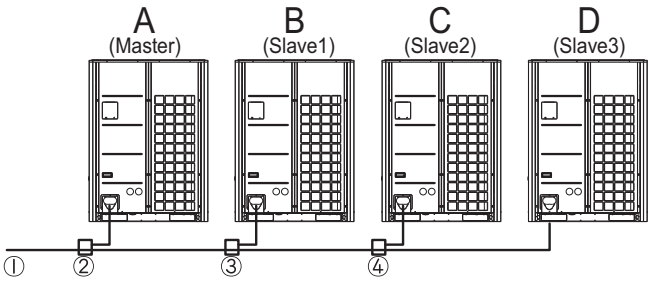
⚠ CAUTION

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

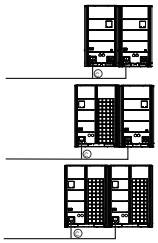
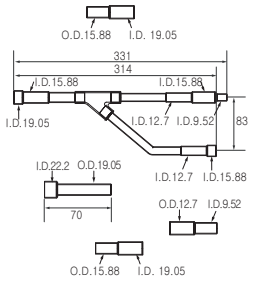
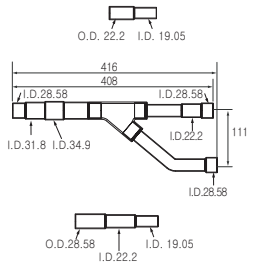
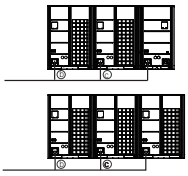
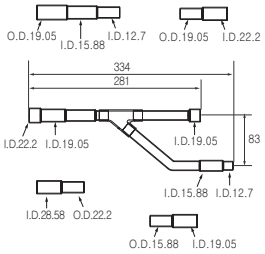
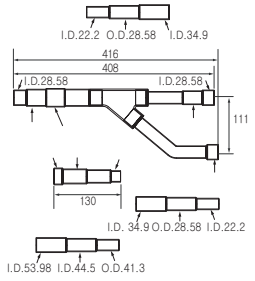
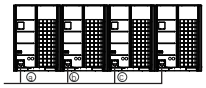
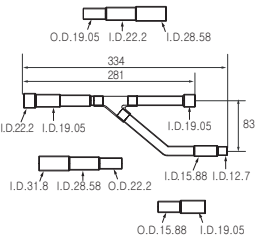
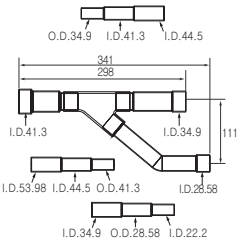
① Indoor unit side connection pipe

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)

■ Cooling Only System

Outdoor unit		Model	Liquid pipe [unit:mm]	Gas pipe [unit:mm]
2 unit		ⓒ ARCNN21		
3 unit		ⓑ ARCNN31		
4 unit		ⓐ ARCNN41		

* For more information including installation method of connection pipe, refer accessory installation manual.

* The above System is representative Multi V 5 System. Actual combination of outdoor unit may be different by product line-up of region.

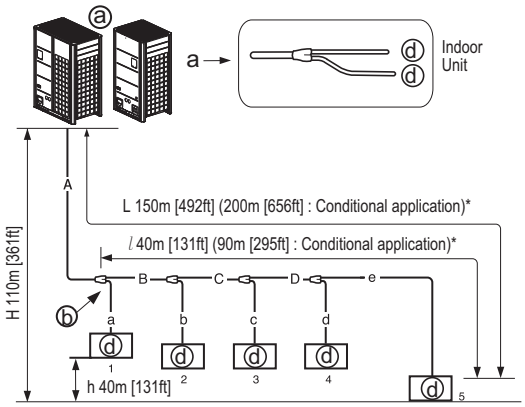
7. Refrigerant piping system

7.1 Pipe Connection Method between outdoor unit / indoor unit

■ Single Outdoor Unit Connection

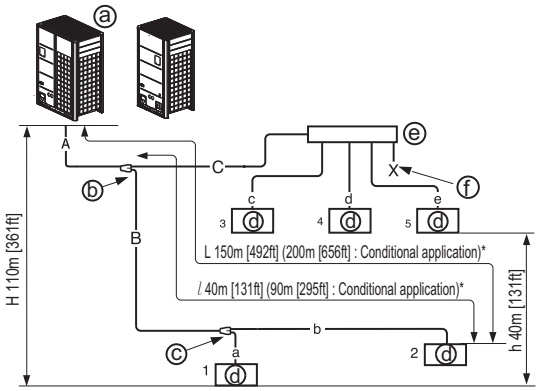
Y branch method

ⓐ 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



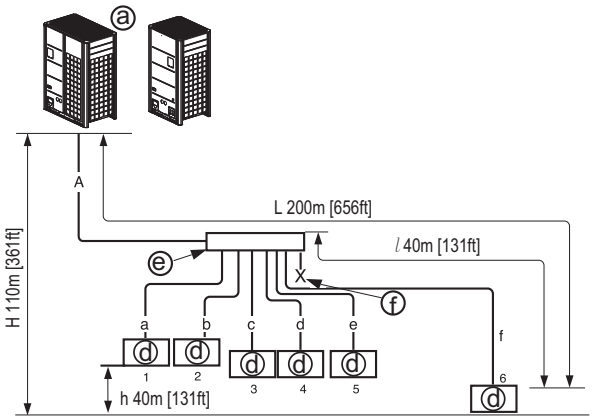
Header method

ⓐ 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

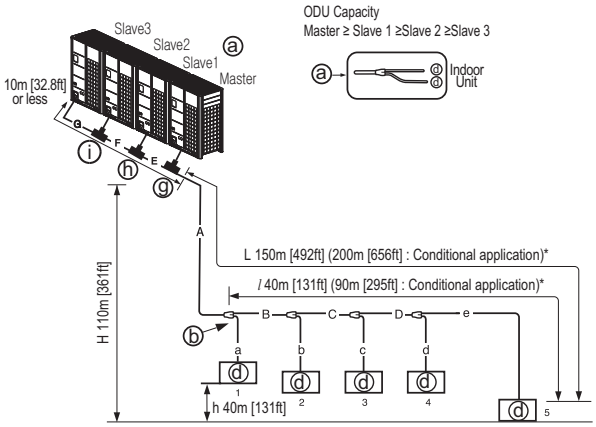
- **Branch pipe can not be used after header**

7. Refrigerant piping system

■ Series Outdoor Unit Connection

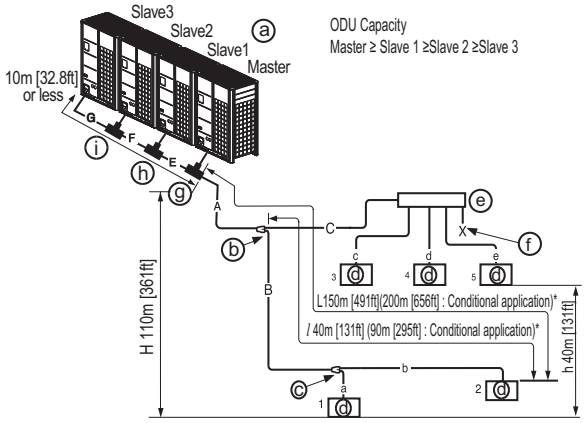
Y branch method

ⓐ 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)



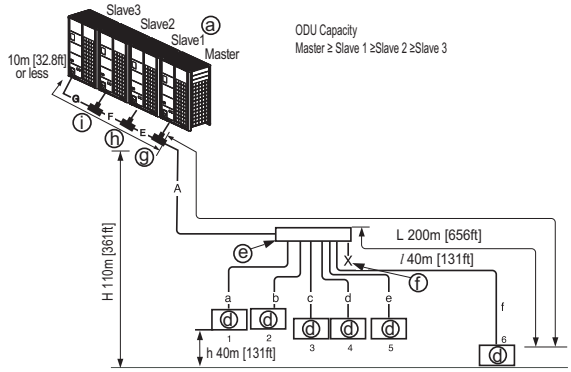
Combination of Y branch / header Method

ⓐ 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 accordingto below table.

- **The equivalent length between outdoor unit and the farthest indoor unit is 90m (295ft) or more (Liquid and Gas pipes are increased)**
- **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(164ft) or more	
RT	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 22.2(7/8)	Ø 12.7(1/2)	Ø 28.58(1-1/8)	Ø 12.7(1/2)	not increased
10 ~ 12	Ø 12.7(1/2)	Ø 28.58(1-1/8)	Ø 15.88(5/8)	Ø 34.9(1-3/8)	Ø 15.88(5/8)	not increased
14 ~ 18	Ø 15.88(5/8)	Ø 28.58(1-1/8)	Ø 19.05(3/4)	Ø 34.9(1-3/8)	Ø 19.05(3/4)	not increased
20	Ø 15.88(5/8)	Ø 34.9(1-3/8)	Ø 19.05(3/4)	Ø 41.3(1-5/8)	Ø 19.05(3/4)	not increased
22 ~ 28	Ø 19.05(3/4)	Ø 34.9(1-3/8)	Ø 22.2(7/8)	Ø 41.3(1-5/8)	Ø 22.2(7/8)	not increased
30 ~ 48	Ø 19.05(3/4)	Ø 41.3(1-5/8)	Ø 22.2(7/8)	Ø 44.5(1-3/4)	Ø 22.2(7/8)	not increased
50 ~ 52	Ø 22.2(7/8)	Ø 44.5(1-3/4)	Ø 25.4(1)	Ø 53.98(2-1/8)	Ø 25.4(1)	not increased
54 ~ 80	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 according to upper table. 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(229,400)	Ø15.88(5/8)	Ø28.58(1-1/8)
< 72.8(248.500)	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)	Ø44.5(1-3/4)
≤ 224.0(764,400)	Ø22.2(7/8)	Ø53.98(2-1/8)

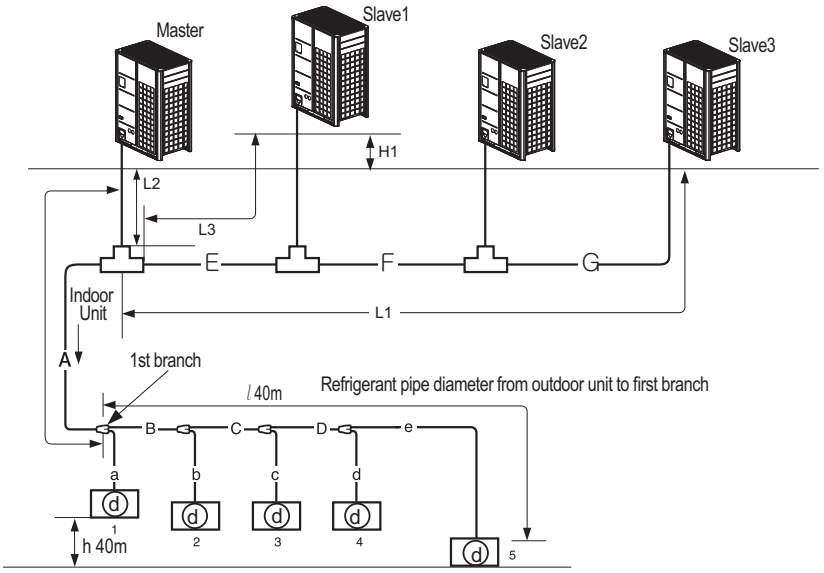
■ Conditional Application (only for Y Branch method)

If the below conditions are satisfied, limit of longest pipe length after 1st branch(*l*) could be extended by 40m (131ft)→ 90m(295ft).

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 → Ø 25.4*
   : Ø 28.58 → Ø 31.8*
   : Ø 34.9 → Ø 38.1*
   (* : It is not necessary to size up.)
   If available on site, select pipe size according to upper table. 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 ≤ 1,000m (3,281ft)
3. **Indoor unit pipe length**
   Length of pipe from each indoor unit to the closest branch (a, b, c, d, e) ≤ 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 5 (A + B + C + D + e)]
   - [Length of pipe from outdoor unit to the closest indoor unit 1 (A + a)] ≤ 40m (131ft)

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 20RT(70.3kW) 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 combination(84.4kW) : 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 18RT(63.3kW) outdoor unit to 130% of its system capacity (82.3kW) and branching 7k(2.2kW) indoor unit at the 1st branch.

1. Main pipe diameter(18RT outdoor unit): Ø28.58(gas pipe), Ø15.88(Liquid pipe)
2. Pipe diameter between 1st and 2nd branch (80.1kW indoor units) :
   Ø34.9(Gas pipe), Ø19.05(Liquid pipe) in conformity with downward indoor units.

Since the main pipe diameter of 18RT 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

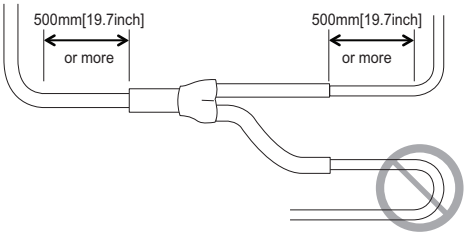
7.2 Indoor Unit Connection

◆ 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).

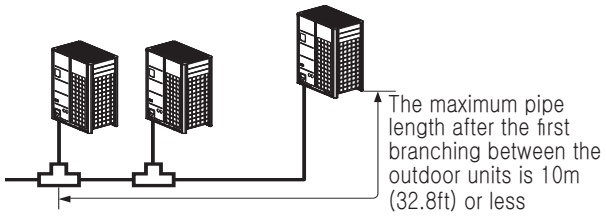


7. Refrigerant piping system

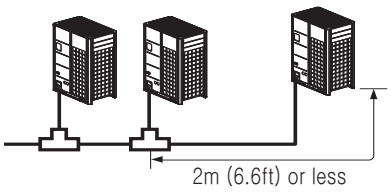
7.3 Pipe Connection Method/Precautions for Series connections between Outdoor units

- 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.

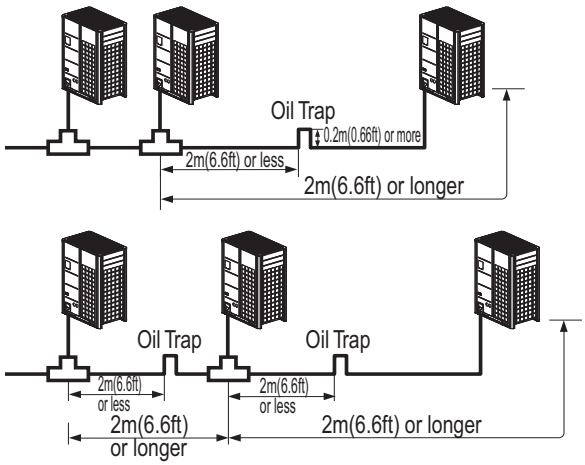
7.3.1 Pipe connection between outdoor units (General Case)



7.3.2 Pipes between outdoor units are 2m(6.6ft) or less



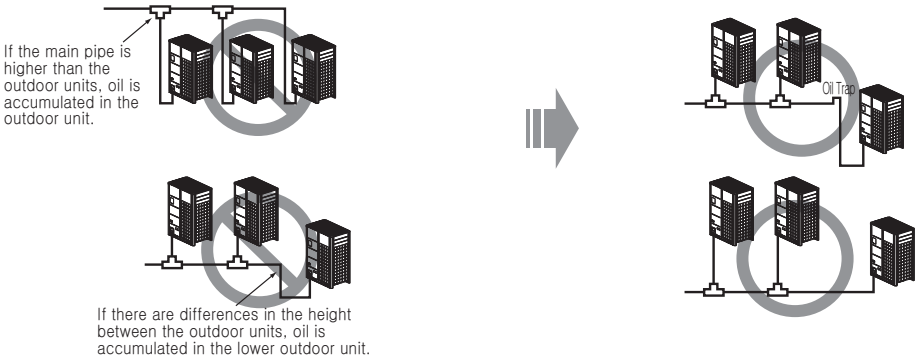
7.3.3 Pipes between outdoor units are 2m(6.6ft) or longer



- 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.

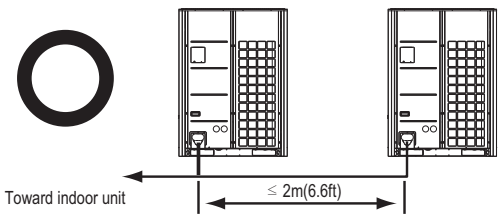
(Example 1)

(Example 2)

(Example 3)

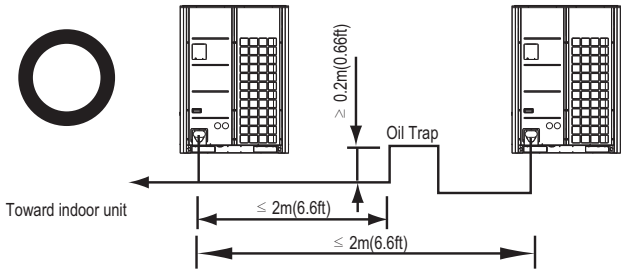
- Apply Oil Trap as shown below when the length of the pipe between the outdoor units is more than 2m(6.6ft). Otherwise, the unit may not operate properly.

(Example 1)



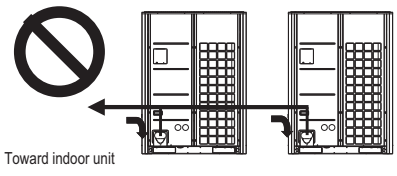
7. Refrigerant piping system

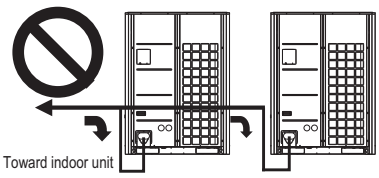
(Example 2)



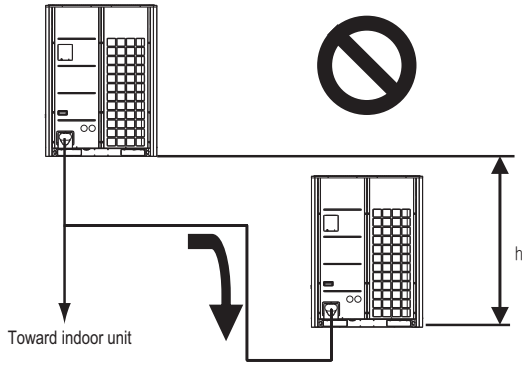
- Install Oil trap if the ODU is at lower level than main piping.
- When connecting the pipes between the outdoor units, the accumulation of oil in the slave outdoor unit should be avoided. Otherwise, the unit may not operate properly.

(Example 1)

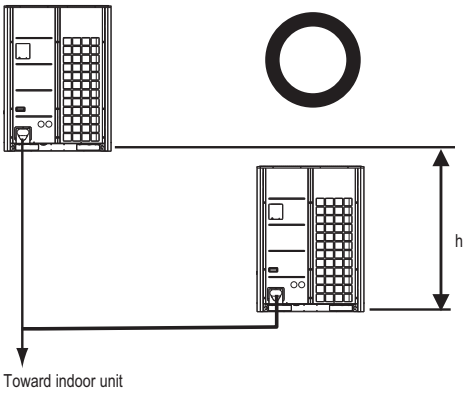


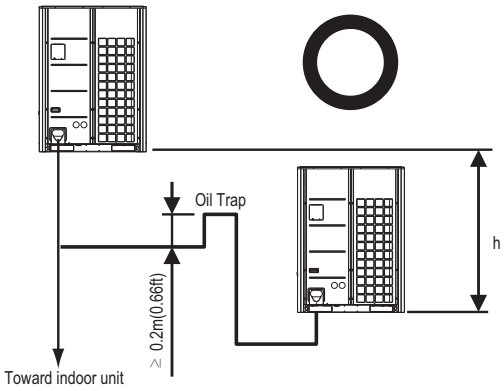


(Example 2)



(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	×	0.500(kg)
	+	CF value of indoor unit		

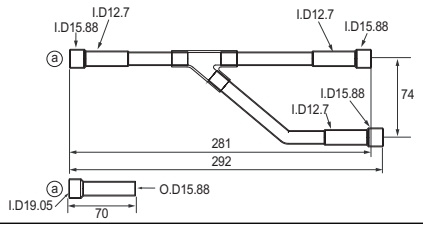
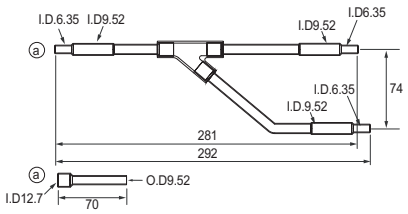
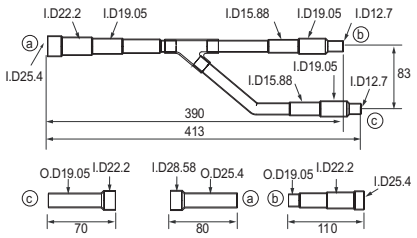
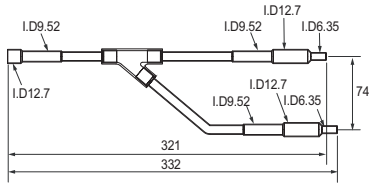
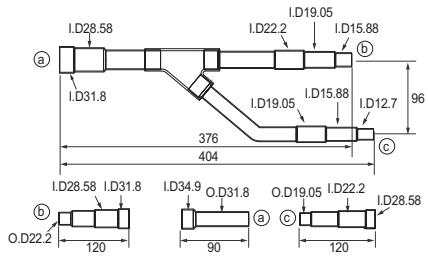
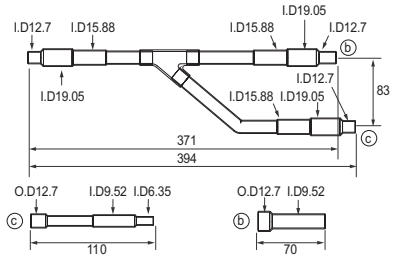
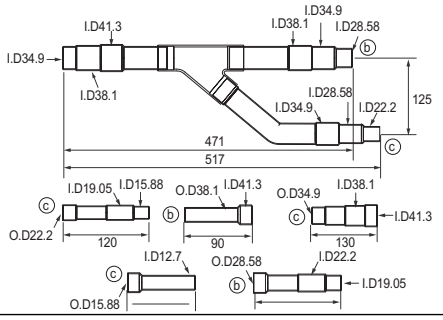
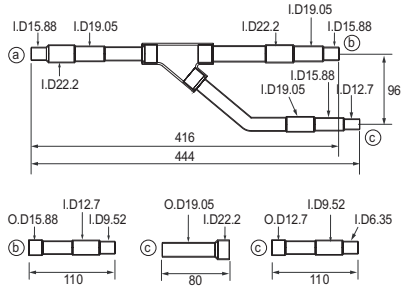
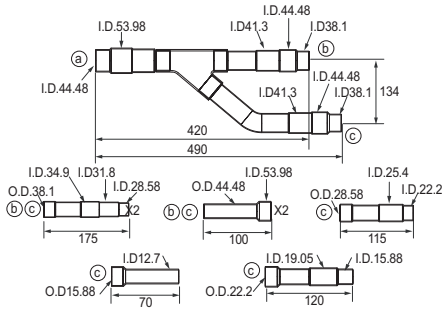
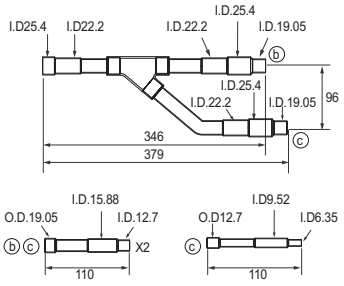
Note

For CF value (additional refrigerant) table of indoor units, please refer to th PDB of indoor unit.

7. Refrigerant piping system

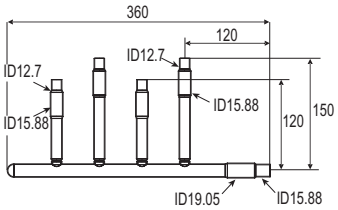
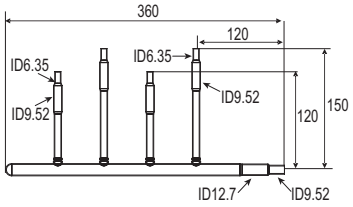
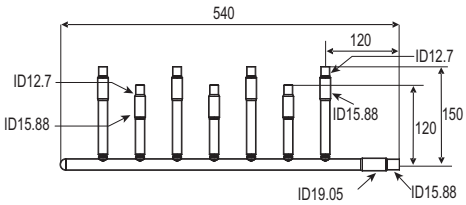
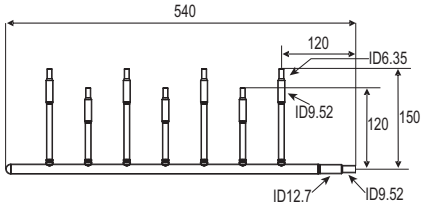
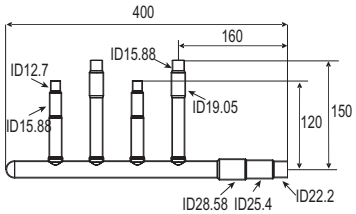
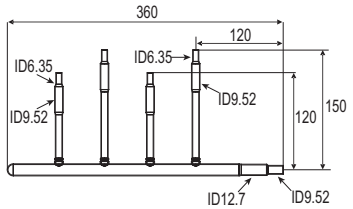
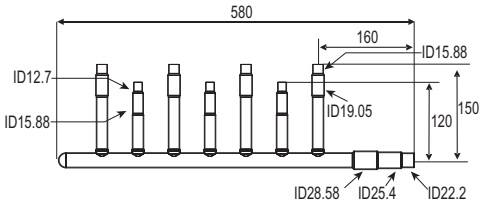
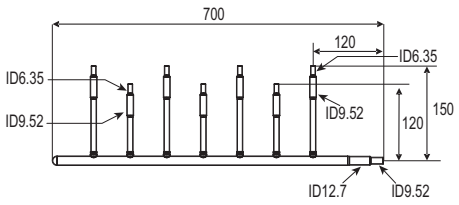
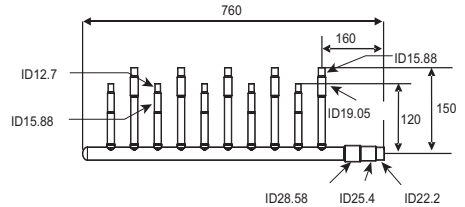
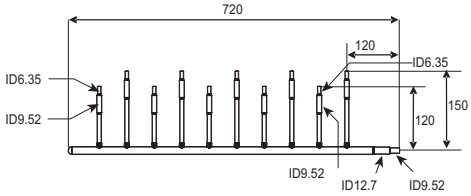
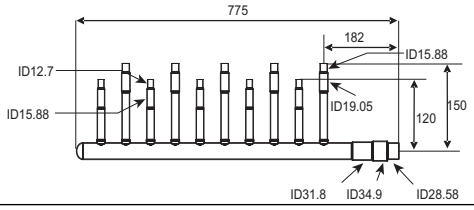
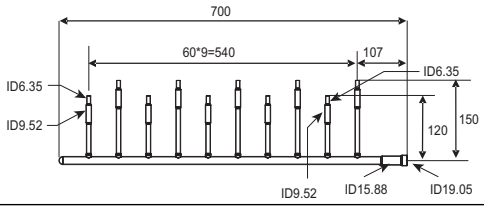
7.5 Selection of Y Branch and Header

7.5.1 Y Branch

Models	Gas pipe [unit:mm]	Liquid pipe [unit:mm]
ARBLN01621		
ARBLN03321		
ARBLN07121		
ARBLN14521		
ARBLN23220		

7. Refrigerant piping system

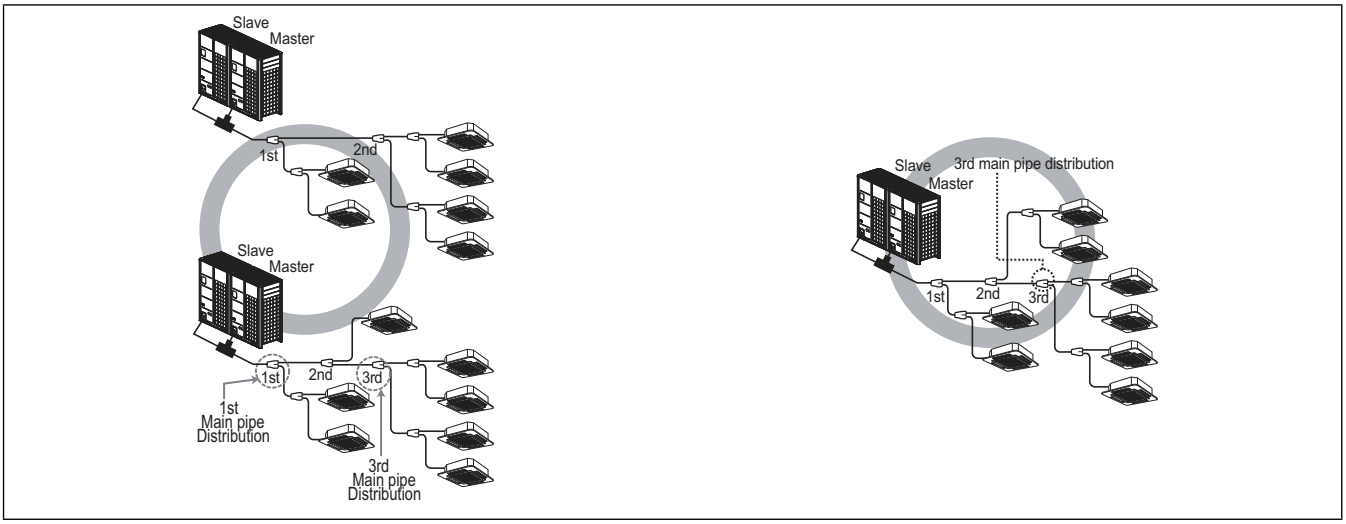
7.5.2 Header

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		

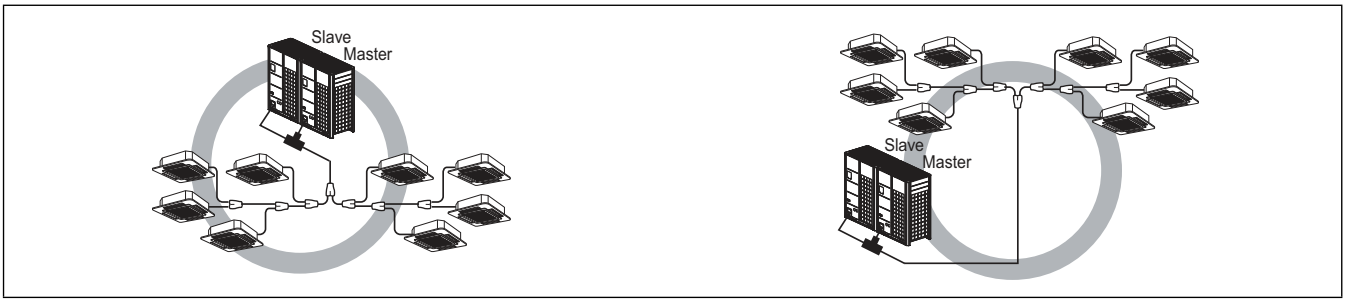
7. Refrigerant piping system

7.6 Distribution Method

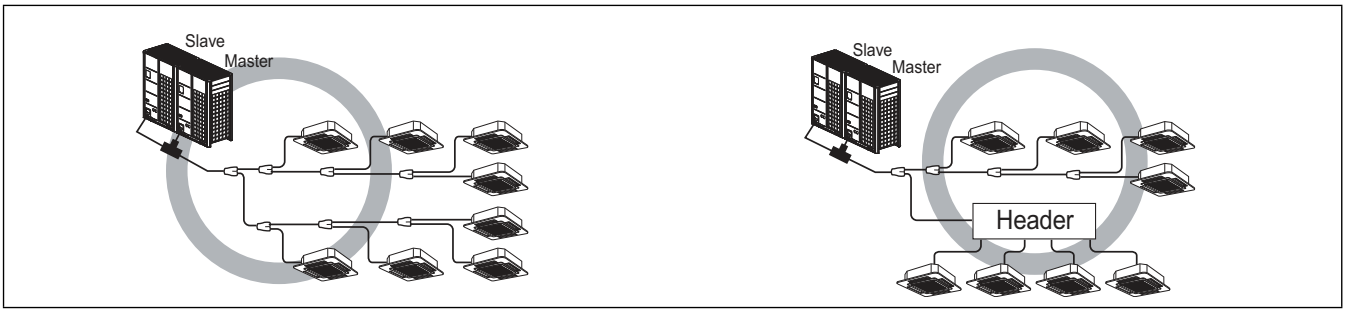
7.6.1 Horizontal Distribution



7.6.2 Vertical Distribution



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

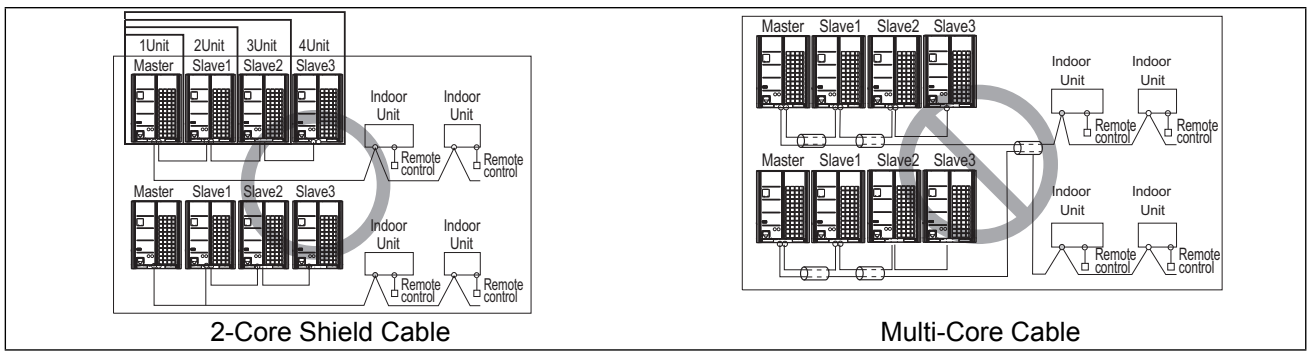
Be sure to have authorized electrical engineers do the electric work using special circuits in accordance with regulations and this installation manual. If power supply circuit has a lack of capacity or electric work deficiency, it may cause an electric shock or fire.

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

* The above System is representative Multi V 5 System. Actual combination of outdoor unit may be different by product line-up of region.

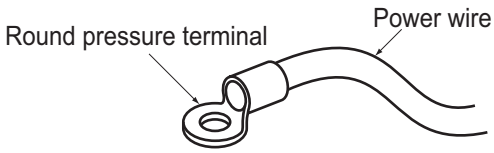
⚠ CAUTION

- **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

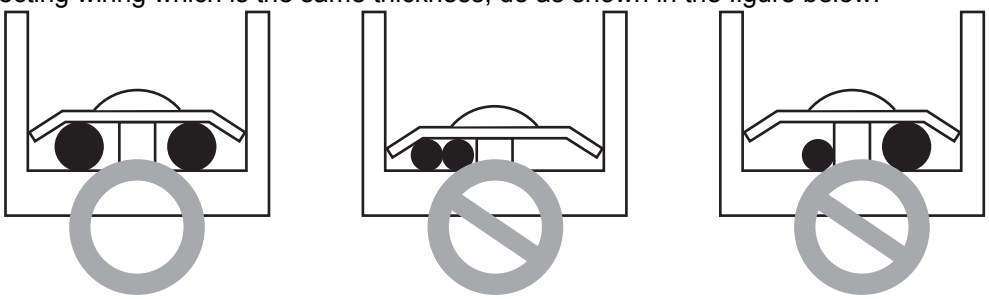
■ Precautions when laying power wiring

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.

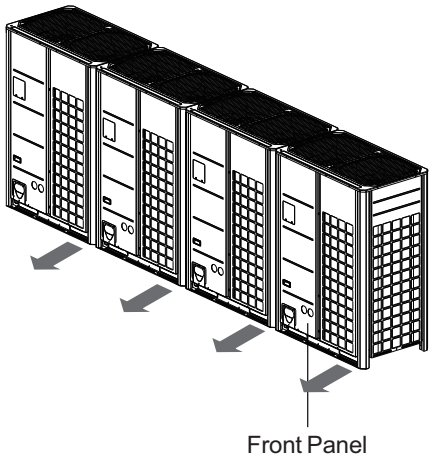


- For wiring, use the designated power wire and connect firmly, then secure to prevent outside pressure being exerted on the terminal block.
- Use an appropriate screwdriver for tightening the terminal screws. A screwdriver with a small head will strip the head and make proper tighterning impossible.
- Over-tightening the terminal screws may break them.

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.



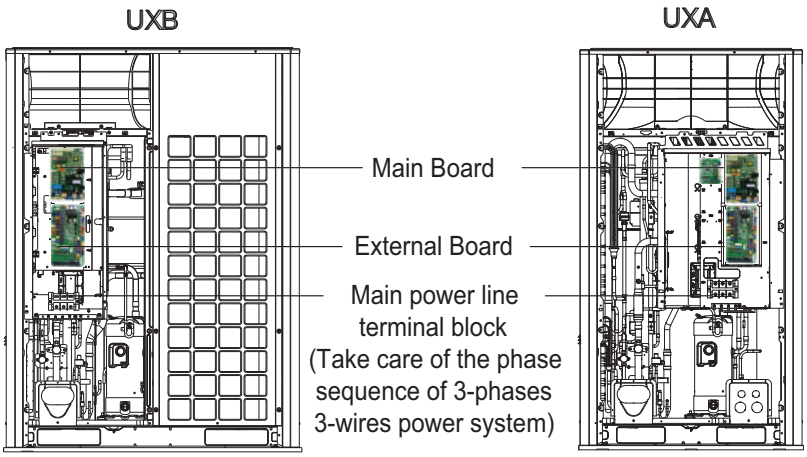
- Connect communication line between main and sub outdoor unit through the terminal block.
- Connect communication lines between outdoor unit and indoor units through the terminal block.
- When the central control system is connected to the outdoor unit, a dedicated PCB must be connected between them.
- When connecting communication line between outdoor unit and indoor units with shielded wire, connect the shield ground to the earth screw.

* Actual combination of outdoor unit may be different by product line-up of region.

⚠ 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

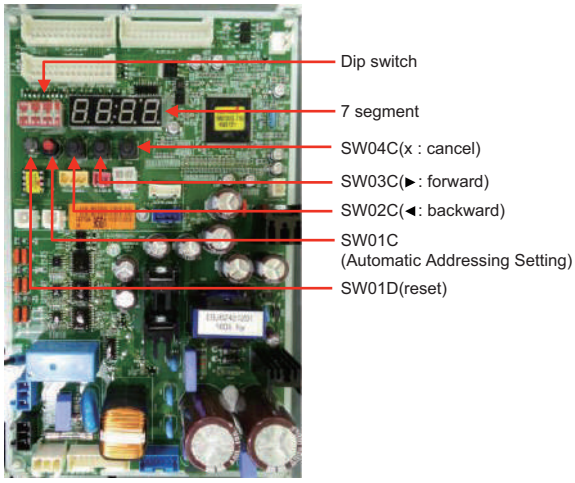
The number is sequentially appeared at the 7 segment in 5 seconds after applying the power. This number represents the setting condition.

- **Initial display order**

Order	No	Mean
①	8 ~ 22	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	1	Cooling Only
⑦	38	380V model
	46	460V model
	22	220V model
⑧	35	Product type

* In accordance with the number of combined outdoor unit or target region, it could not be applied to set the order ③,④.

◆ **Main PCB**



- **Example) 58RT 220V Cooling Only system**
  (Master unit: 20RT, Slave 1: 20RT, Slave 2: 18RT, Slave 3: -)

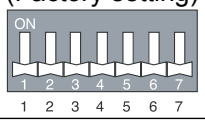
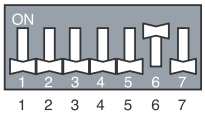
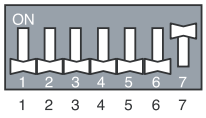
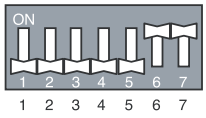
①	②	③	④	⑤	⑥	⑦	⑧
20	20	18	-	58	1	22	35

⚠ CAUTION

Product may not properly operate if the relevant DIP switch is not properly setup.

8. Electrical Wiring

■ Master / Slave Dip Switch Setting

Dip switch setting	Master/Slave Unit			
	Master	Slave		
		Slave1	Slave2	Slave3
	(Factory setting) 			

* In accordance with the number of combined outdoor unit or target region, Slave2 and Slave3 could not be applied to set.

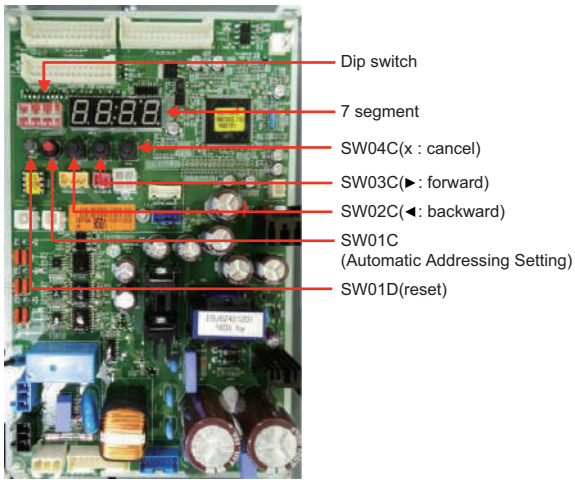
8. Electrical Wiring

8.3 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**

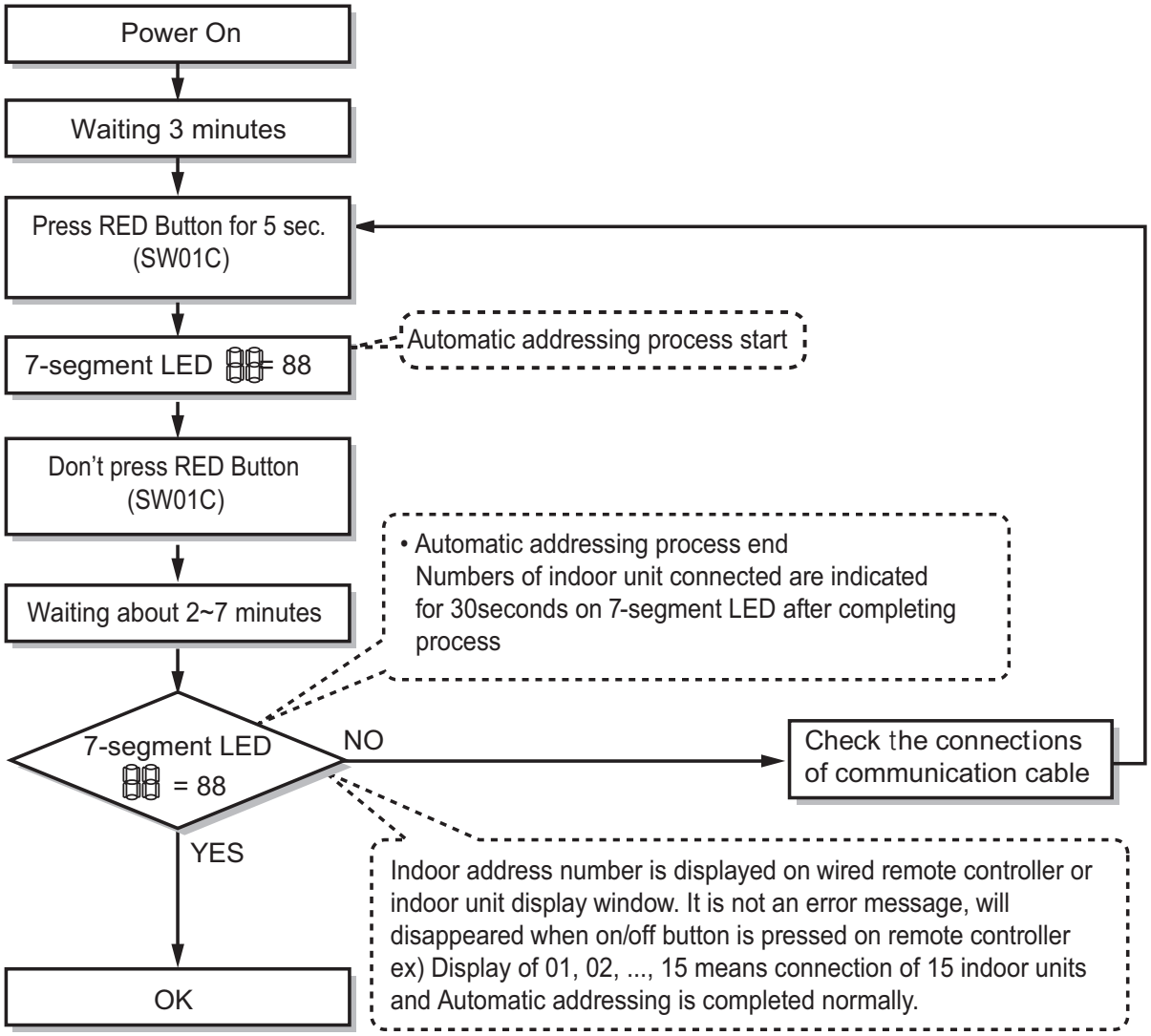


⚠ CAUTION

- **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 (1~7) of master outdoor unit is OFF before Automatic Addressing setting.**

8. Electrical Wiring

◆ The Procedure of Automatic Addressing



9. Setting the function

9.1 Function List

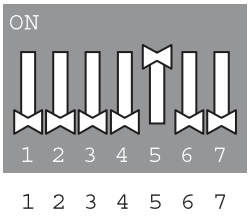
MODE	Display	Function	Description
Func	Fn1	Cool & Heat Selector	Set when Cool & Heat Selector is connected
	Fn2	Static pressure compensation	Function for increasing outdoor fan speed, when using duct's
	Fn3	Night low noise	In the middle of the night time, reduces the Fan rpm to reduce the noise from 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

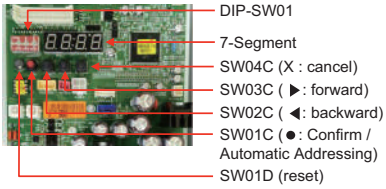
* The functions shown in the table above could applicable depending on the model line up.
* For details, refer to installation manual and service manual(General).

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	-	-	-
		Refrigerant Amount Check (Cooling)	Fd3	-	-	-
		Refrigerant Amount Check (Heating)	Fd4	-	-	-
		Automatic	Fd7	-	-	-
		All IDU operation (Cooling)	Fd8	-	-	Compulsory Operation
Installa tion	Func	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
		ODU Addressing	Fn 5	0	0~255	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
		Central Control Connection at Indoor Unit side	Fn 19	oFF	on, oFF	save in EEPROM
		Compressor Input Current Limit	Fn 20	oFF	oFF, oP1~oP10	save in EEPROM
		Power Consumption Display on wired remote controller	Fn 21	SPL0	SPL0, SPL1 [Pd10~Pd11]	save in EEPROM
Service	SvC	Vacuum mode	SE3	vACC	-	1time / 1 Selection
User	Idu	Continuous Cooling	Id10	EAch	-	save in EEPROM

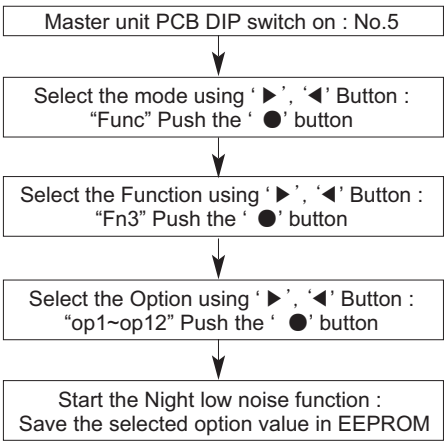
- Functions "save in EEPROM" will be kept continuously, though the system power was reset.
- For detail information about SVC and IDU setting functions, refer to the installation manual or SVC manual.
- The Functions could be different in accordance with model line up of target region.

9. Setting the function

9.3 Night Low Noise Function

In cooling mode, this function makes the ODU fan operate at low RPM to reduce the fan noise of ODU at night which has low cooling 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	

◆ Noise

Capacity	8 ~ 10 RT	12 ~ 16 RT	18 ~ 22 RT
Step	Noise[dB(A)]		
op1 ~ op3, op10	55	59	60
op4 ~ op6, op11	52	56	57
op7 ~ op9, op12	49	53	55

* The Capacity of unit could be different in accordance with model line up of target region.

⚠ CAUTION

- Request installer to set the function during installation.
- If ODU RPM changes, cooling capacity may go down.

MULTI V™ 5

Cooling Only

Special Guide

1. Cautions for Refrigerant Leaks
2. Guide for installing at seaside

1. Caution For Refrigerant Leaks

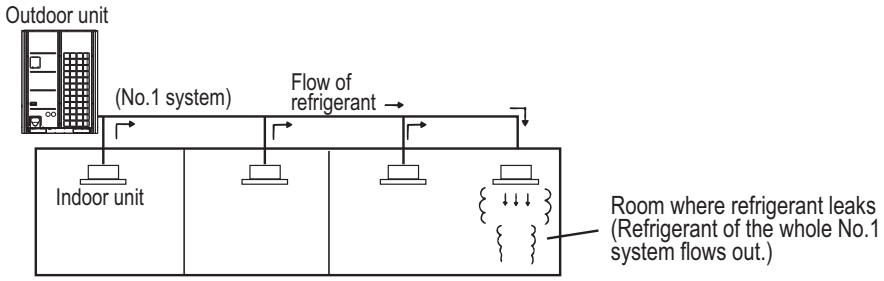
The installer and system specialist shall secure safety against leakage according to local regulations or standards. The following standards may be applicable if local regulations are not available.

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/m3(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.

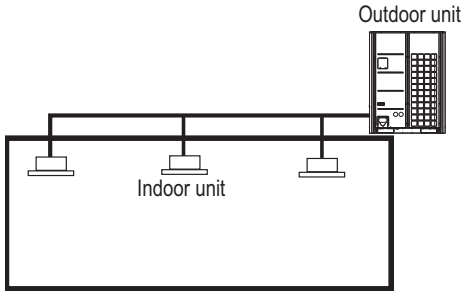
Amount of pre-charged refrigerant per single system	+	Amount of additional replenished refrigerant	=	Total amount of refrigerant in the system (kg)
Amount of replenished refrigerant at factory shipment		Amount of additionally replenished refrigerant depending on piping length or piping diameter by customer		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

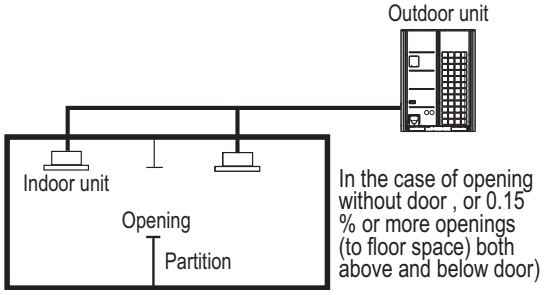
1.2.2 Calculate refrigerant concentration level

Calculate the volume of the room where indoor unit is installed as single room or the smallest room.

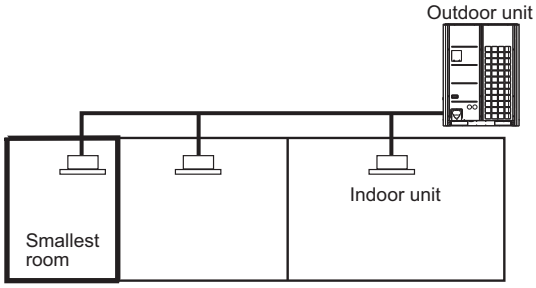
1. Without partition



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

$$\frac{\text{Total amount of refrigerant system (kg)}}{\text{Volume of smallest room where indoor unit is installed (m}^3\text{)}} \leq \text{Maximum concentration limit} \mid (\text{R410A}) \quad (\text{kg/m}^3)$$

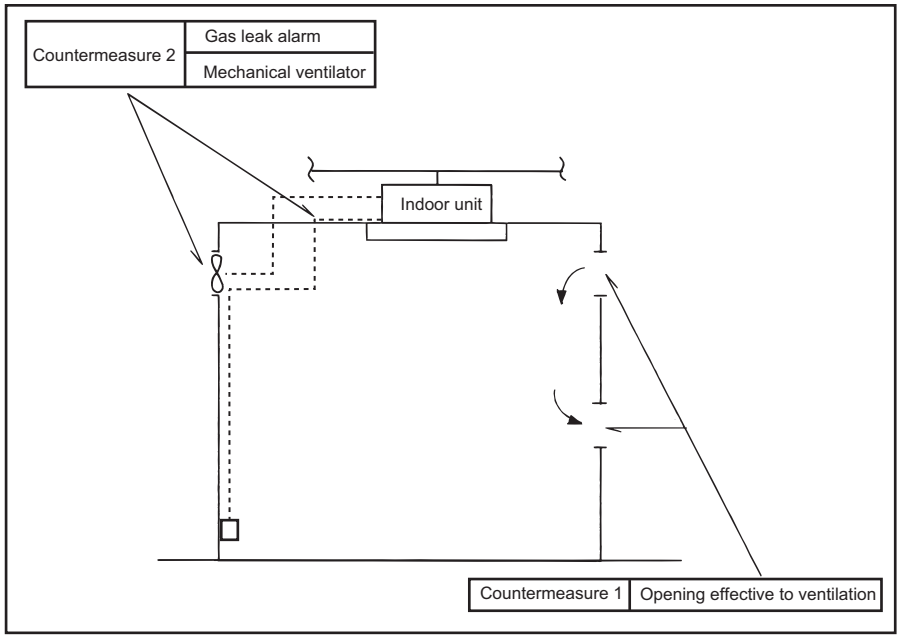
In case the result of calculation exceeds the concentration limit, perform the same calculations by shifting to the second smallest, and the third smallest rooms until at last the result is below the concentration limit.

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.

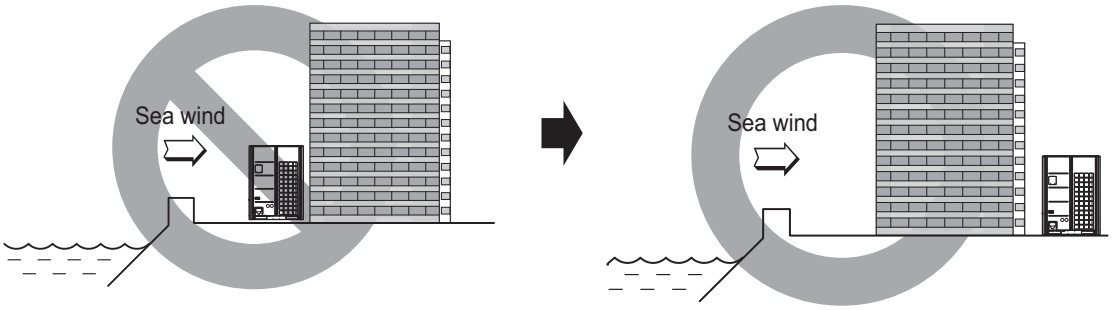
2. Guide for installing at seaside

⚠ CAUTION

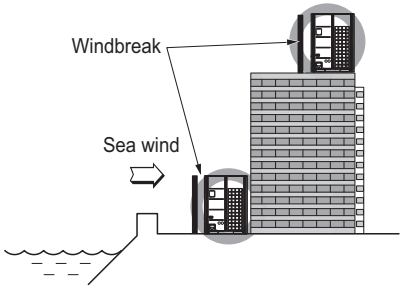
1. **Air conditioners must not be installed in areas where corrosive gases, such as acid or alkaline gas, are produced.**
2. **Avoid installing the product where it could be exposed to sea wind (salty wind) directly. It can result corrosion on the product. Corrosion, particularly on the condenser and 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.

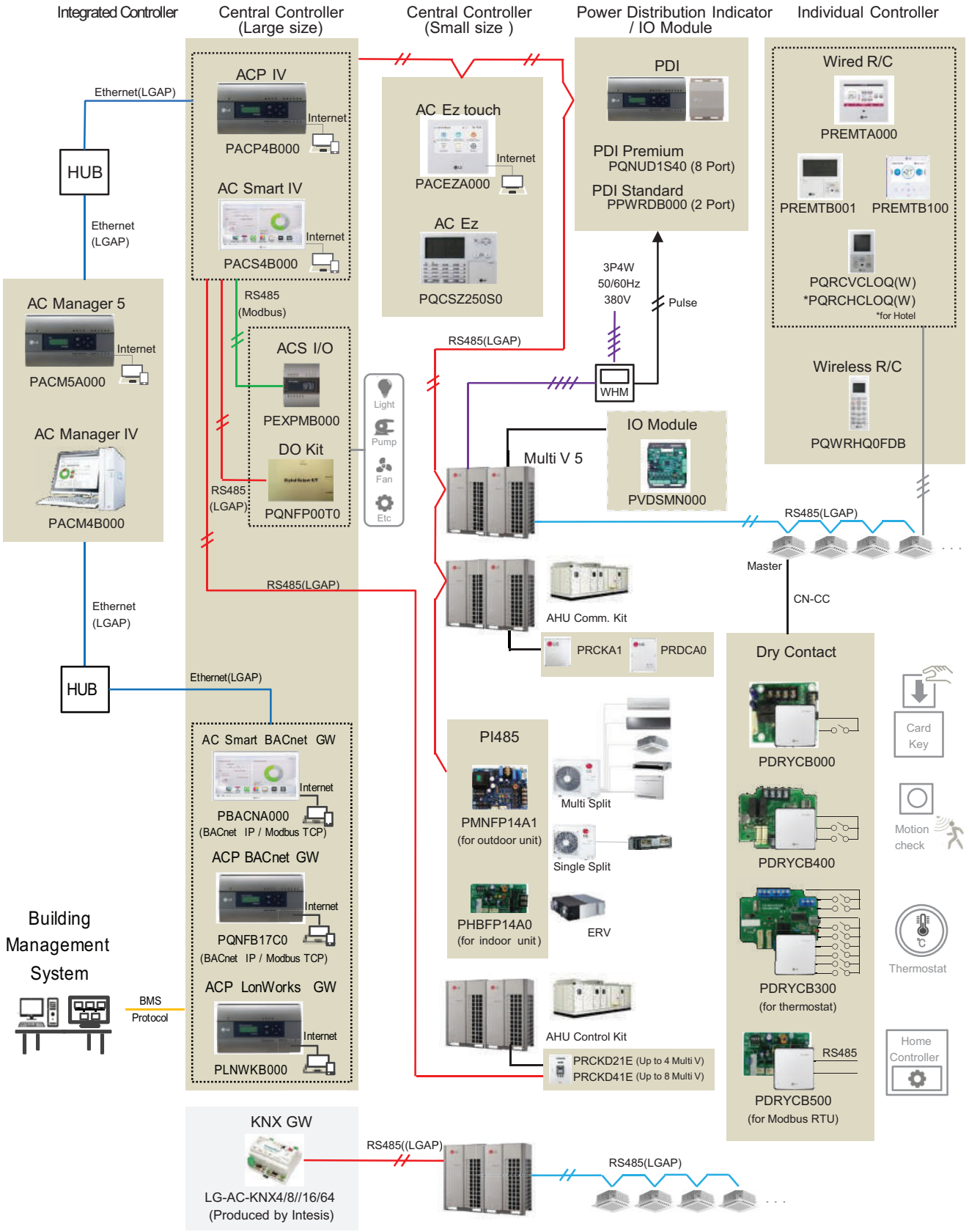
≫ **If there is improper installation or maintenance not complying with the installation guide, product's performance and reliability is not guaranteed.**

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



- If you need more detail, please refer to the Control PDB or the manual of product.
  (http://partner.lge.com/global : Home> Download> Manuals)

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*

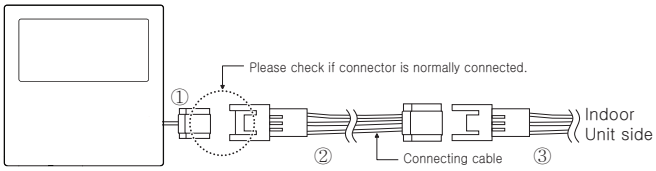
- 1) ERV : Energy Recovery Ventilation
- * For Basic/Advanced function, please refer to the [Function List/Individual Controller].
- If you need more detail, please refer to the Control PDB or the manual of product.
  (http://partner.lge.com/global : Home> Download> Manuals)

2. Control System List

Outline of system

1. Installation Method

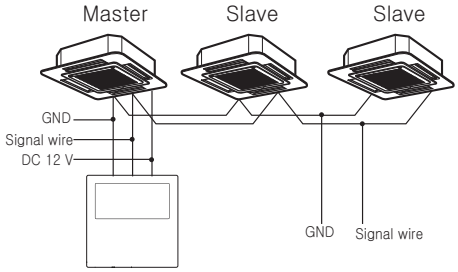
12 V	Red
Signal	Yellow
GND	Black



※ ① : AWG#24 / ②, ③ : AWG#22

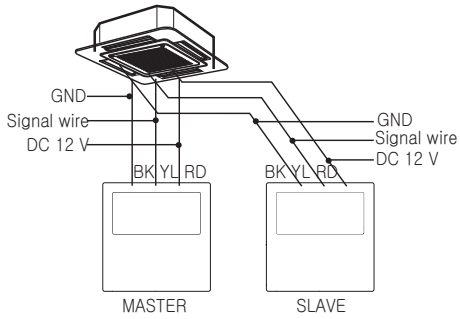
⇒ The total cable length must not exceed 50m. (It can cause communication error.)

2. Group Control



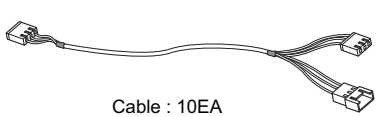
⇒ When controlling multiple indoor units with one remote controller, you must change the master/slave setting from the indoor unit.

3. 2-Remote Controller Control

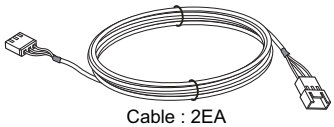


⇒ When installing more than 2 units of wired remote controller to one air conditioner, set one wired remote controller as master and the others all as slaves.

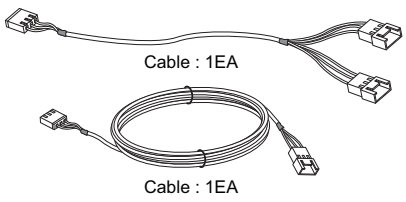
- **2-Remote Controller Control cable**
  - Model name : PZCWRC2
  - Length : 0.25m



- **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> Download> Manuals)

2. Control System List

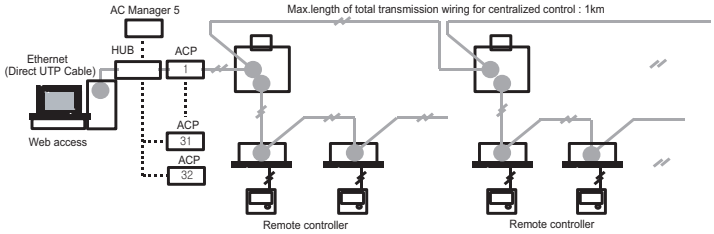
Category	Controller name	Model name	Compatible Product	Dimensions (W x H x D, mm)	Feature
Central controller	AC Manager 5	PACM5A000	All IDU ERV [1)] ERV DX Hydro Kit AHU Chiller*	270 x 155 x 65	• PC Access Controller • DC 12 V Adaptor • Max 8,192 indoor unit control (Supports 32 ACP IV or AC Smart IV) • Chrome(Recommended), Safari, Internet Explorer 11 support
	AC Manager IV	PACM4B000	All IDU ERV [1)] ERV DX Hydro Kit 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 IV	PACP4B000	All IDU ERV [1)] ERV DX Hydro Kit 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 BACnet	PQNFB17C0	All IDU ERV [1)] ERV DX Hydro Kit 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 : Not use • 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 Hydro Kit 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> Download> Manuals)

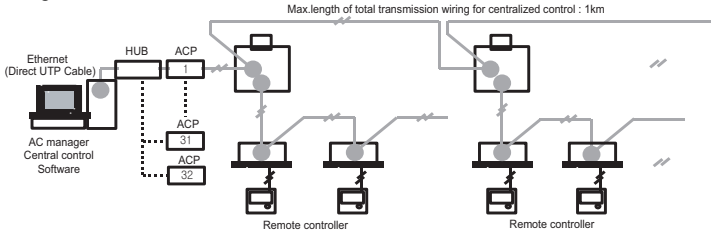
2. Control System List

Outline of system

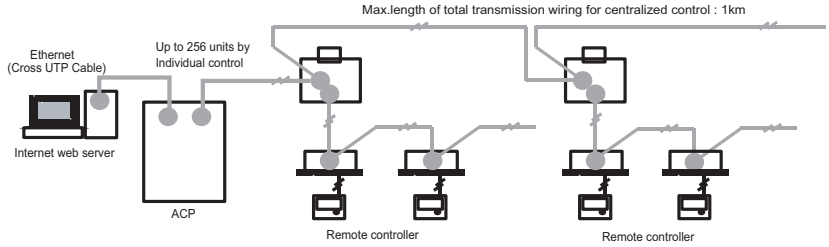
▶When using a HUB, use Direct UTP Cable.



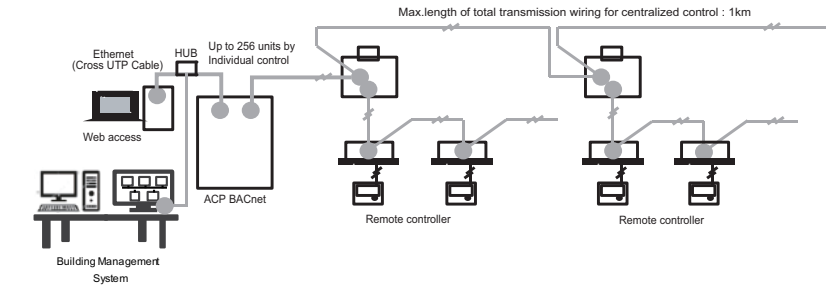
▶When using a HUB, use Direct UTP Cable.



- 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 RS-485 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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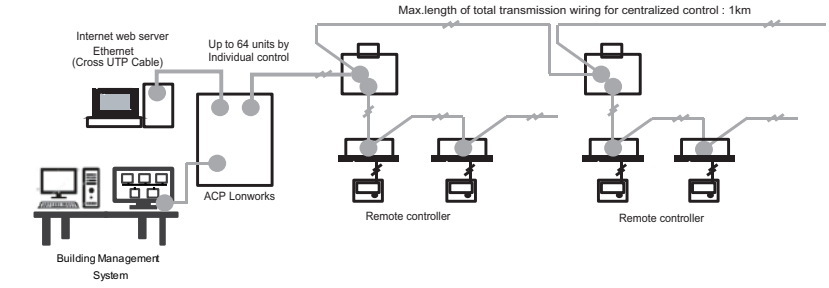
  - Max. allowable temperature of cable : 60℃
  - Max. length of total transmission wiring (End to End) : 1 km



- Max. the number of connected node* in one RS-485 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

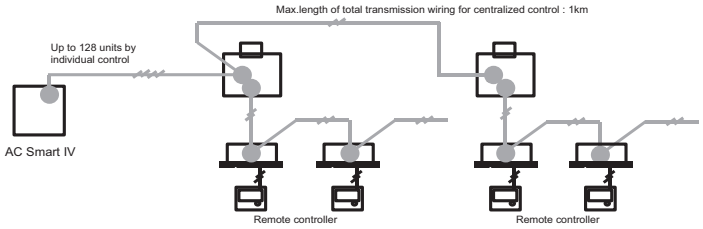
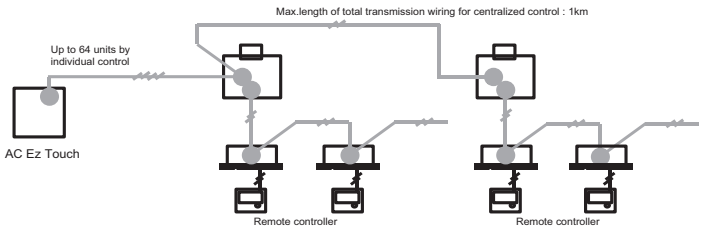
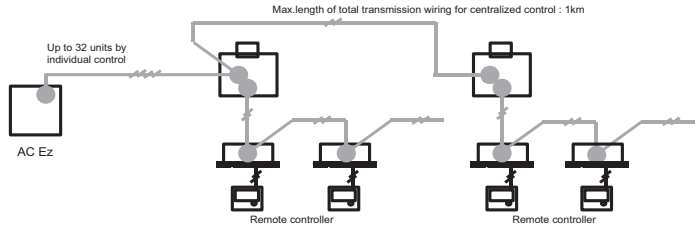
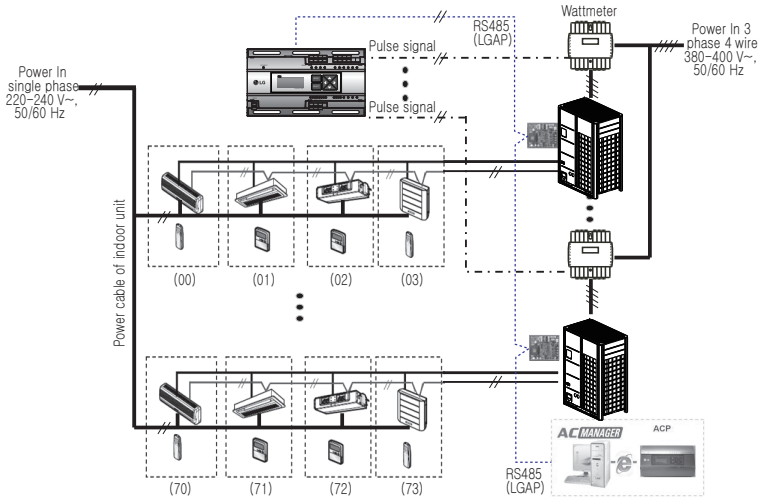
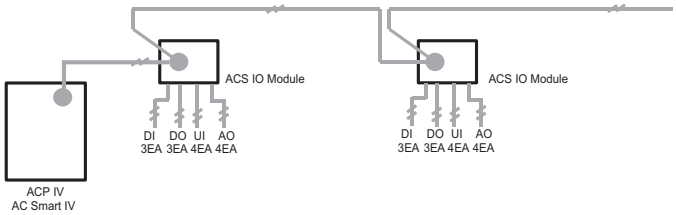
- * nodes : Central controller + (Multi V outdoor unit x 2) + Other PI 485 G/W ≤ 32 ea
  Ex) ACP 1ea + AC Smart Premium 2 ea + Multi V outdoor unit 6ea = 1 + 2 + (6 x 2) = 15 nodes
- If you need more detail, please refer to the Control PDB or the manual of product.
  (http://partner.lge.com/global : Home> Download> Manuals)

2. Control System List

Category	Controller name	Model name	Compatible Product	Dimensions (W x H x D, mm)	Feature
Central controller	AC Smart IV / AC Smart BACnet	PACS4B000 / PBACNA000	All IDU ERV [1] ERV DX Hydro Kit 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) CH2 : Indoor unit [2] • DI 2EA, DO 2EA
	AC Ez Touch	PACEZA000	All IDU ERV [1] ERV DX Hydro Kit	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 Hydro Kit	[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 Hydro Kit	[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
Interface Device	ACS I/O Module	PEXPMB000	ACP IV 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)

- * It needs to apply Chiller Option KIT.
- 1) ERV : Energy Recovery Ventilation
- 2) Indoor unit : IDU, ERV, DX ERV, Hydro Kit
- If you need more detail, please refer to the Control PDB or the manual of product.
  (http://partner.lge.com/global : Home> Download> Manuals)

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
	• ACP IV : Up to 16 ACS I/O Modules* • AC Smart IV : Up to 9 ACS I/O 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

- * 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> Download> Manuals)

2. Control System List

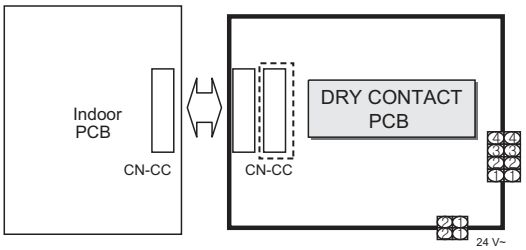
Category	Controller name	Model name	Objective / Use	Dimensions (W x H x D, mm)	Feature
Interface Device	Dry Contract	PDRYCB000 PDRYCB100	For Connect indoor unit to other forced on/off controller	120 x 120 x 36.5	• 1SET / 1 IDU • 1 Contact point • Input power AC 220V~240 V – PDRYCB000 : AC 220V~240V – 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	• 1SET / 1 IDU

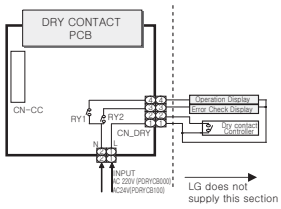
• If you need more detail, please refer to the Control PDB or the manual of product.
(http://partner.lge.com/global : Home> Download> Manuals)

2. Control System List

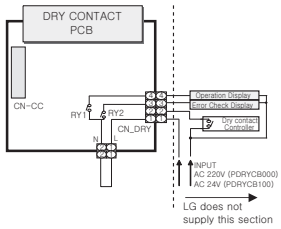
Outline of system

Connect CN-CC with Indoor PCB by the cable(provided)
- Connection of Dry contact only

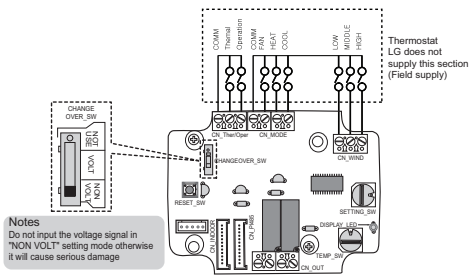




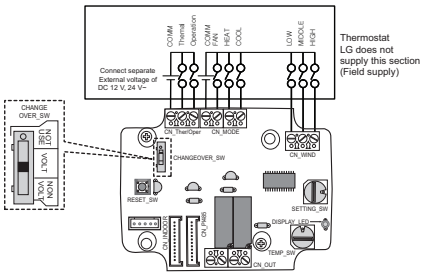
To Apply Power Source through PCB



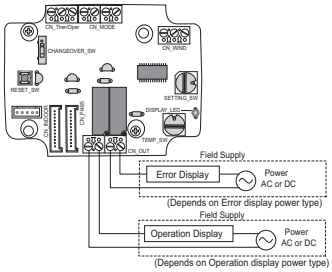
To Apply Power Source Directly to External Source



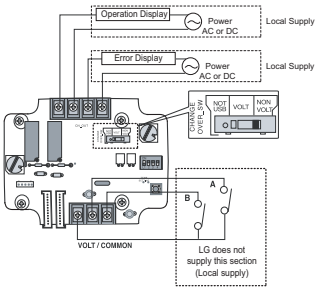
For no Power Contact Point signal Input



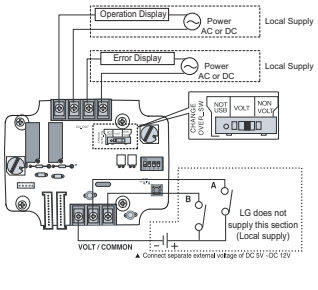
For Power Contact Point signal Input



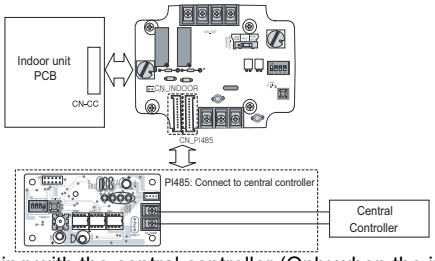
Indoor Unit Monitoring



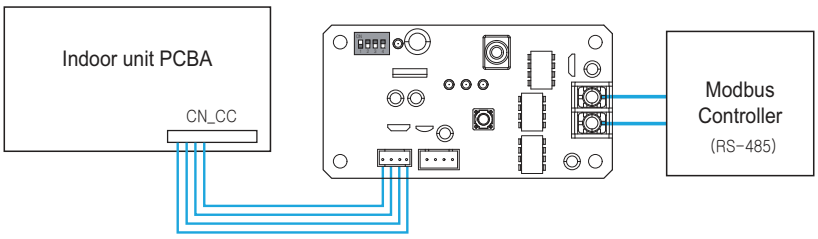
In Case Non Voltage Signal

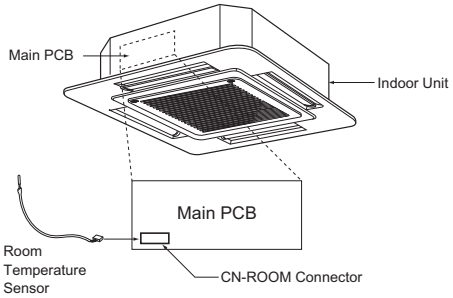


In Case Voltage Signal



▶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> Download> Manuals)

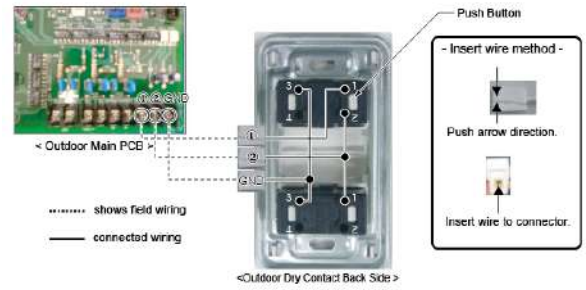
2. Control System List

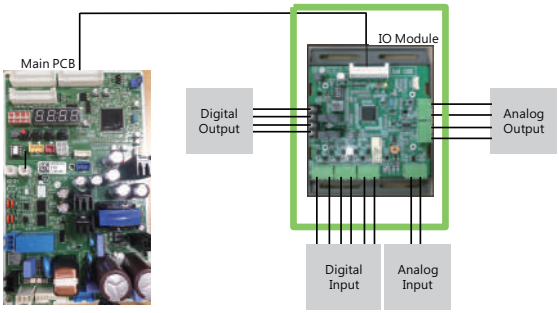
Category	Controller name	Model name	Objective / Use	Dimensions (W x H x D, mm)	Feature
Interface Device	Cool/Heat Selector	PRDSBM	To Select Operation Mode	74 x 120 x103	• Push Button Type • Mode : Cooling, Heating, Fan
	IO(Input/Output) Module	PVDSMN000	Expansion IO function (Available from Multi V IV 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

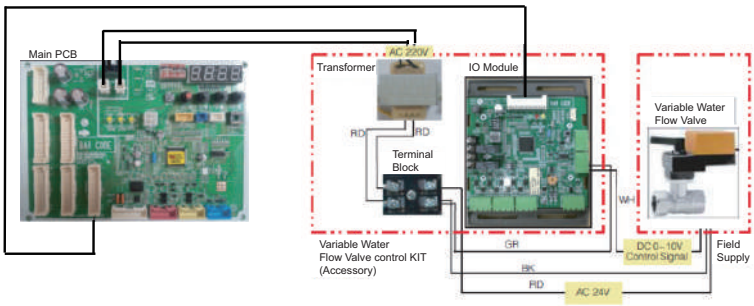
- 1) It is available Multi V Water Outdoor unit only.
- If you need more detail, please refer to the Control PDB or the manual of product. (http://partner.lge.com/global : Home> Download> Manuals)

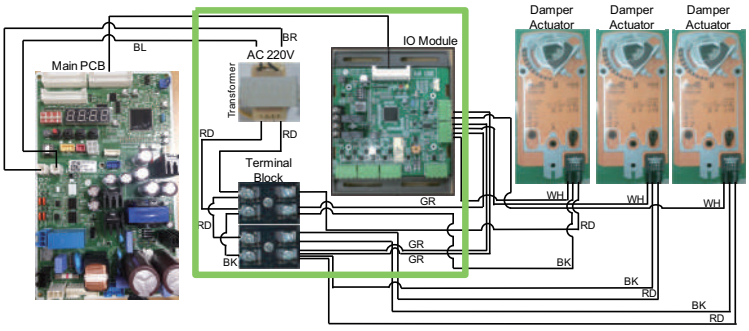
2. Control System List

Outline of system









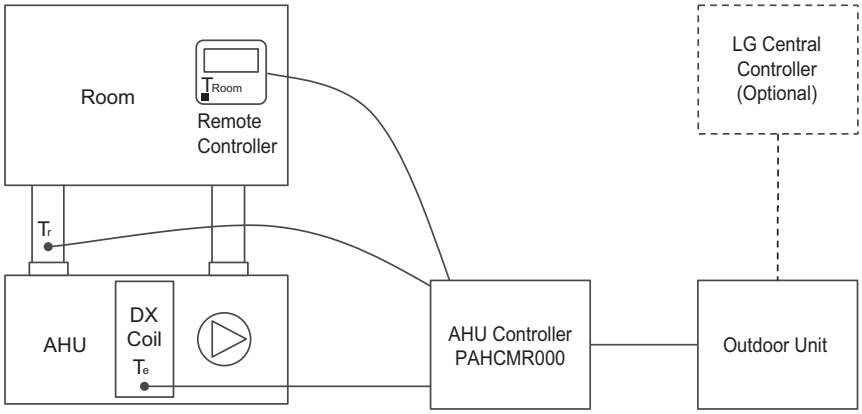
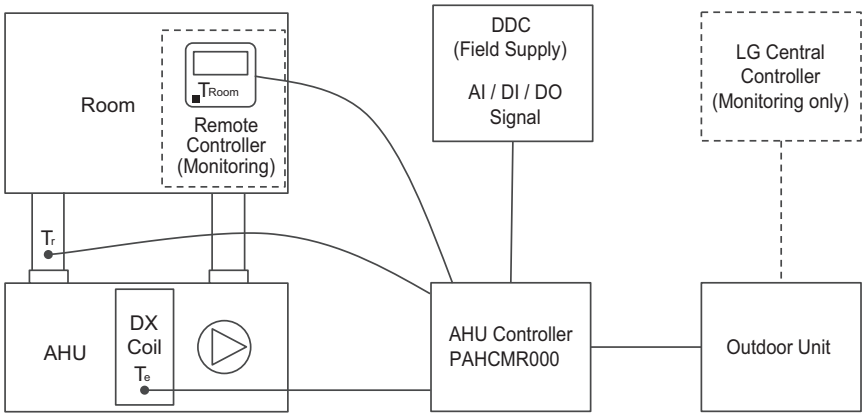
- If you need more detail, please refer to the Control PDB or the manual of product. (http://partner.lge.com/global : Home> Download> Manuals)

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) andCommunicationModule(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

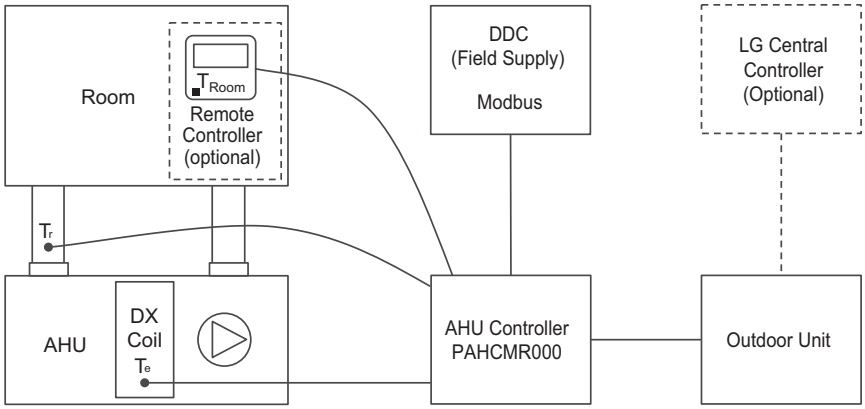
• If you need more detail, please refer to the Control PDB or the manual of product.
(http://partner.lge.com/global : Home> Download> Manuals)

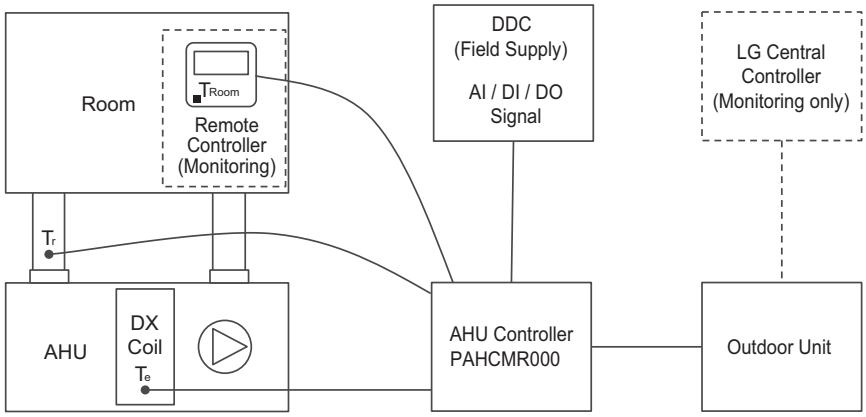
2. Control System List

	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> Download> Manuals)

2. Control System List

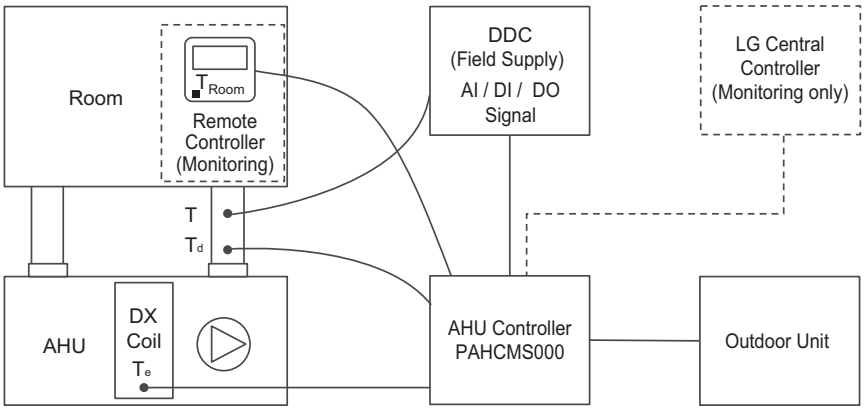
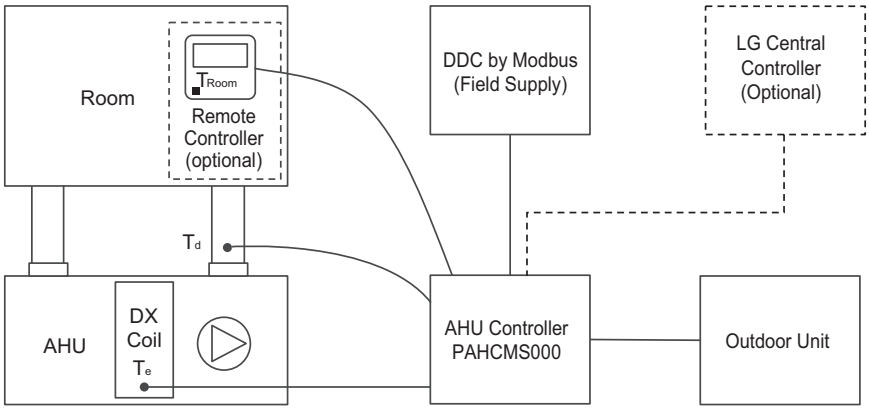
<table>
<tr><th colspan="2">Outline of system</th></tr>
<tr><td>Return Air Tempera-ture Control</td><td>
• DDC Control by Modbus : Fixed T_e + T_r or T_{Room}


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.
</td></tr>
<tr><td>Discharge Air Tempera-ture Control</td><td>
• 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).
</td></tr>
</table>

• If you need more detail, please refer to the Control PDB or the manual of product.
(http://partner.lge.com/global : Home> Download> Manuals)

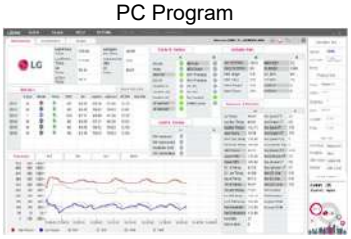
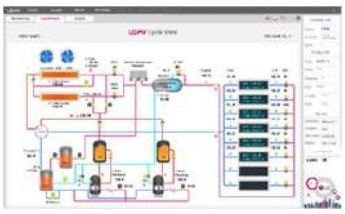
2. Control System List

	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> Download> Manuals)

2. Control System List

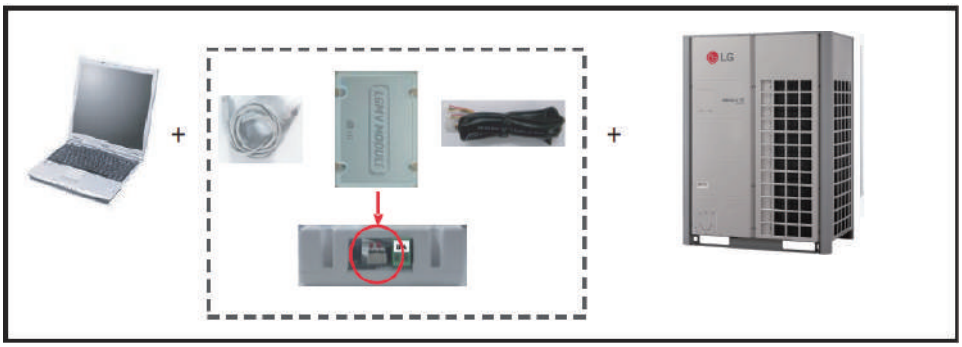
Category	Controller name	Model name	Objective / Use	Dimensions (W x H x D, mm)	Feature
Maintenance Accessory	LGMV	PRCTIL0	LGMV data monitoring via Personal Computer	105 x 78 x 36	• Length of cable : 1m (3m extension cable is included) • RS232(ODU), RS-485(IDU) support • USB type of connection are possible.

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> Download> Manuals)

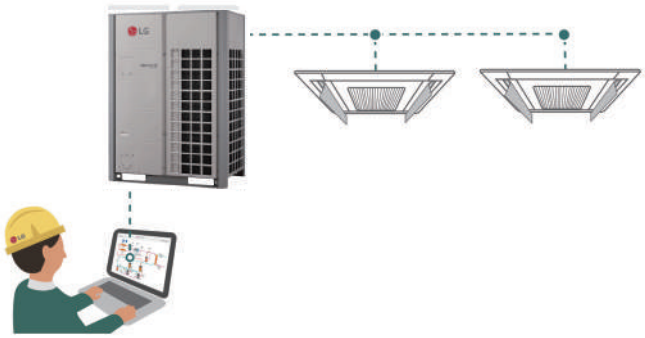
2. Control System List

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> Download> Manuals)

2. Control System List

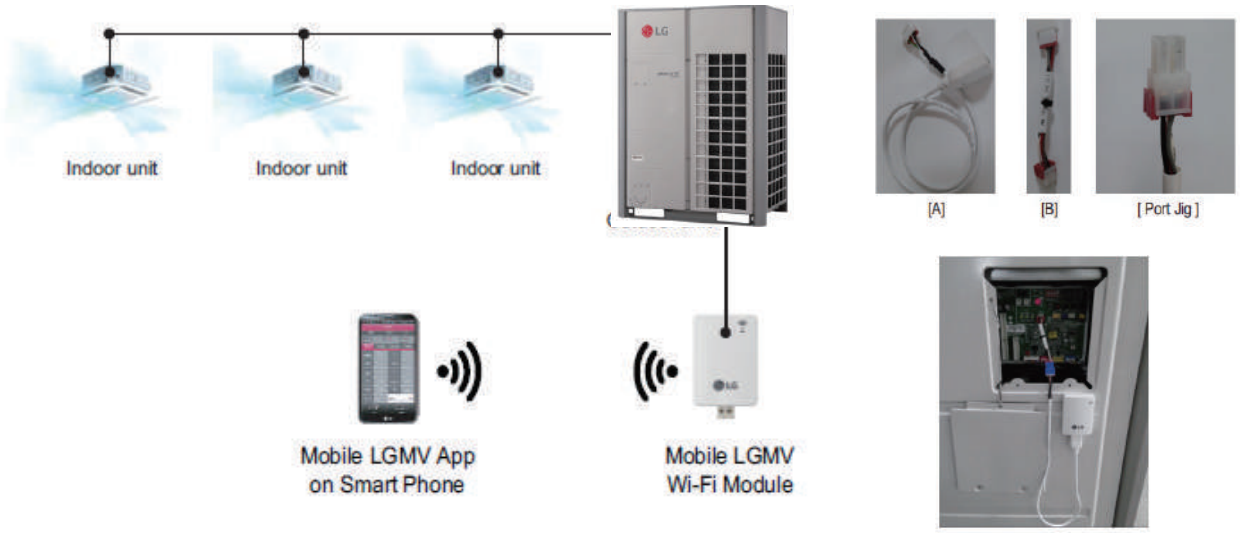
Category	Controller name	Model name	Objective / Use	Dimensions (W x H x D, mm)	Feature
Maintenance Accessory	Mobile LGMV	PLGMVW100	LGMV monitoring via mobile device	48 x 78 x 14.5	• The effective distance for wireless communication is 10m • The effective distance may be reduced by the communication environment.

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> Download> Manuals)

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> Download> Manuals)

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
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 (PACS4B000 / 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> Download> Manuals)

3. Function List

■ Central Controller

Controller Name	AC Ez	AC Ez touch	AC Smart IV	ACP IV	AC Manager IV	AC Manager 5
Product Image						
Model Name	PQCSZ250S0	PACEZA000	PACS4B000	PACP4B000	PACM4B000	PACM5A000
Maximum Number of Indoor Units	32	64	128	256	8,192	8,192
Individual / Group Control (On & Off, Mode, Set Point, Fan Speed)	O	O	O	O	O	O
Individual Controller Lock	O (All)	O (Temperature, Mode, Fan, All)	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	O	O
Mode Change	O	O	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	Daily, Weekly, Monthly, Yearly, Exception day	Daily, Weekly, Monthly, Yearly, Exception day
Operation History	X	X	O	O	O	O
Visual Navigation	X	X	O	O	O	O
Operation Time Limit	X	X	O	O	O	O
Temperature Limit	X	O	O	O	O	O
Remote Access 1)	X	PC SW	Web	Web	PC SW	Web
Auto Changeover / Setback	X	O	O	O	O	O
Power Consumption Monitoring (with PDI)	X	O	O	O	O	O
Energy navigation	X	X	O	O	X	O
Interlock Control	X	X	O	O	O	O
Virtual Group Control	X	X	O	O	O	O
Emergency Alarm Display	X	O	O	O	O	O
ACS I/O Module Interlocking	X	X	O	O	O	O
External IO Port No.	X	DI 1EA	DI 2EA DO 2EA	DI 10EA DO 4EA	X	X
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*	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.
- * 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> Download> Manuals)

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 (White)	○
		PREMTBB01	Standard (Black)	○
		PREMTB100	New Standard (White)	○
		PREMTBB10	New Standard (Black)	○
	Premium	PREMTA000(A/B)	Premium	○**
Dry contact	Simple Contact	PDRYCB000	Simple Dry Contact	○
	Communication type	PQDSBC1	-	○
		PDRYCB400	Points Dry Contact (For Setback)	○
		PDRYCB300	-	○
		PDRYCB500	Dry Contact For Modbus	○
	ODU	PQDSBCDVM0	Demand controller for MULTI V III	X
	Variable Water Flow Control kit	PRVC0	For MULTI V WATER II	X
		PWFCKN000	For MULTI V WATER IV	○
	IO Module	PVDSMN000	Demand controller For MULTI V IV series	○
Gateway	IDU PI485	PHNFP14A0	Connected with the Indoor Units	X
		PSNFP14A0	Connected with the Indoor Units	X
	ODU PI485	PMNFP14A1	PI 485 Gateway	X
		PMNFP14A0	PI 485 Gateway	X
		PV485N000	PI 485 Gateway	X
	Cool/Heat Selector	PRDSBM	For MULTI V Heat Pump / Mode lock (Cool/Heat/Fan)	○
	Low Ambiant Kit	AQLA	-	X
		PRVC2	From MULTI V IV series	○
	AHU Comm. Kit	PAHCMR000	Return Air Temperature Control	○
		PAHCMS000	Discharge Air Temperature Control	○
	BACnet	PQNFB17C0	ACP BACnet	○
	Lonworks	PLNWKB000	ACP Lonworks	○
	KNX Gateway 1)	LG-AC-KNX4	Max. Connection Units : 4	○
		LG-AC-KNX8	Max. Connection Units : 8	○
		LG-AC-KNX16	Max. Connection Units : 16	○
		LG-AC-KNX64	Max. Connection Units : 64	○
Central Controller	Simple	PQCSZ250S0	AC EZ	○
	AC Ez Touch	PACEZA000	AC Ez Touch	○
	AC Smart	PACS4B000	AC Smart IV	○
	ACP	PACP4B000	ACP IV	○
	AC Manager	PACM4B000	AC Manager IV	○***
		PACM5A000	AC Manager 5	○***
ETC	Remote Temperature Sensor	PQRSTA0	-	○
	Zone Controller	ABZCA	-	X
	Electronic Thermostat	AQETC	-	○
	CTI	PKFC0	-	○
	CO2 Sensor	PES-C0RV0	For ERV, ERV DX Indoor units	○
	Group Control Wire	PZCWRCG3	0.25m	-
	2-Remo Control Wire	PZCWRC2	0.25m	-
	Extension Wire	PZCWRC1	10m	-
	PDI	PPWRDB000	PDI Standard	○
		PQNUD1S40	PDI Premium	○
	DO KIT	PQNFP00T0	-	-
	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, 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> Download> Manuals)

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	○
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	○****
Gateway	BACnet	PQNFB17B0	BACnet Gateway	○
	Lonworks	PQNFB16A1	Lonworks Gateway	○
ETC	PDI	PQNUD1S00	PDI	○
	Telecom Shelter Controller	PQCSA001T0	-	○

- 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

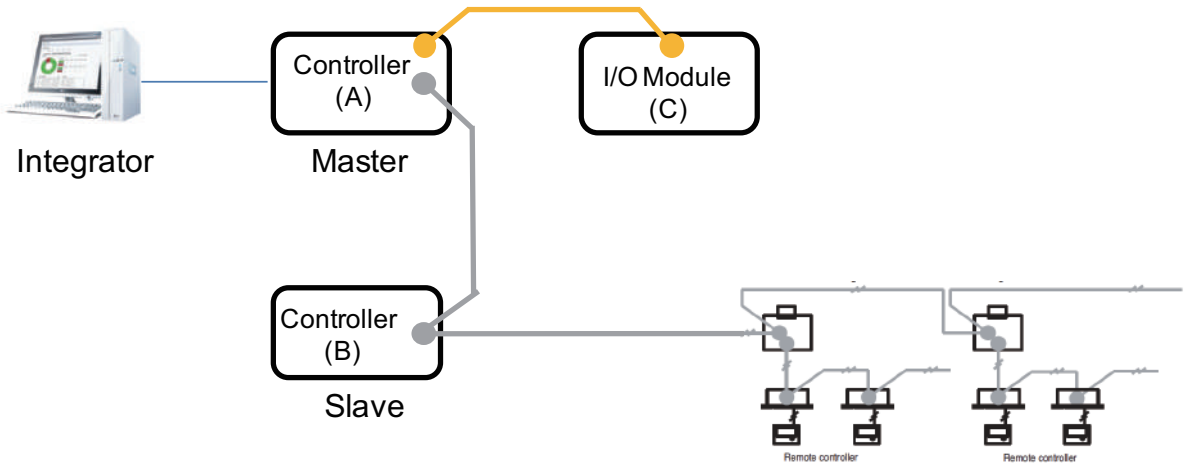
Master (A)	Slave (B)						
	AC Ez	AC Ez Touch	AC Smart IV	ACP IV	ACP BACnet	ACP Lonworks	PDI
AC Ez	○	X	X	X	X	X	X
AC Ez Touch	○	○	X	X	X	X	○
AC Smart IV	○	○	○	X	X	X	○
ACP IV	○	○	○	X	X	X	○
ACP BACnet	○	○	○	X	X	X	○
ACP Lonworks	○	○	○	X	X	X	○
PDI	X	X	X	X	X	X	X

■ Compatibility with Integrator

Integrator	Controller						
	AC Ez	AC Ez Touch	AC Smart IV	ACP IV	ACP BACnet	ACP Lonworks	PDI
AC Manager IV	X	X	○	○	○	○	X
AC Manager 5	X	X	○	○	○	○	X

■ Compatibility with IO Module

IO Module (C)	Controller							
	AC Ez	AC Ez Touch	AC Smart IV	AC Smart BACnet	ACP IV	ACP BACnet	ACP Lonworks	PDI
ACS I/O Module	X	X	○	○1)	○	○1)	○1)	X



- If you need more detail, please refer to the Control PDB or the manual of product. (http://partner.lge.com/global : Home> Download> Manuals)
- 1) This Function is possible to use in Web Only. (BMS Point is not applied)

LG
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LG Electronics

Air Solution
LG Electronics Inc, 128, Yeoui-daero,
Yeongdeungpo-gu, Seoul, Korea
(07336)
http://partner.lge.com

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