

DVM

Technical Data Book

DVM Mini Outdoor Unit



DVM

DVM Technical Data Book
Outdoor Units

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DVM MINI

I. Product

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1 Nomenclature

1-1. Outdoor Unit

Model name

RD	050	M	H	X	E	A	/	000
①	②	③	④	⑤	⑥	⑦		Buyer

① Classification

RD	DVM Outdoor
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⑤ Refrigerant

R-410A	X
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② Capacity

x 1/10 HP (3 digits)

⑥ Rating voltage

1Ø, 220~240V, 50Hz	E
3Ø, 380~415V, 50Hz	G

③ Product notation

DVM Mini	M
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⑦ Version

Export	A ~ Z
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④ Mode

Cooling Only	C
Heat Pump	H
Heat Recovery	R

1-2. Indoor Unit

Model name

ND	100	4	H	X	E	A	/	000
①	②	③	④	⑤	⑥	⑦		Buyer

① Classification

DVM Indoor	ND
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② Capacity

x 1/10 kW (3 digits)

③ Product notation

Cassette type	Slim 1 way	1
	2 way	2
	Mini 4 way	M
	4 way cassette S	4
Duct type	HSP Duct	H
	MSP Duct	S
	LSP Duct (Slim)	L
Convertible type	Ceiling	C
	Console	J
Wall mounted type	Neo-Forte	N

④ Mode

Heat Pump	H
Cooling Only	C

⑤ Refrigerant

R-410A	X
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⑥ Rating voltage

1Ø, 220V, 50Hz / B	E
3Ø, 380V, 50Hz / H	G

⑦ Version

Export	A ~ Z
--------	-------

2 Line-up

2-1. Basic Model

DVM Mini S		Capacity (kW)		
Phase	Mode	11.0	14.5	16
1 phase	Heat Pump	RD040MHXEA	RD050MHXEA	RD060MHXEA
3 phase	Heat Pump	RD040MHXGA	RD050MHXGA	RD060MHXGA

2-2. Exterior

Exterior			
Phase	Mode	Model name	Figure
1 / 3 phase	Heat Pump	RD040MHXEA RD040MHXGA	
		RD050MHXEA RD050MHXGA	
		RD060MHXEA RD060MHXGA	

Classification		Product	Model	Image	Application model
Integrated management system	Controller	DMS 2	MIM-D00A		DVM Series, FJM, CAC, ERV
		S-NET 3	MST-P3P		DVM Series, FJM, CAC, ERV
		S-NET mini	MST-S3W		DVM Series, FJM, CAC, ERV
Centralized control system	Controller	Centralized controller	MCM-A202D		DVM Series, FJM, CAC, ERV
		Function controller	MCM-A100		DVM Series, FJM, CAC
	Interface module	Centralized controller interface module	MIM-B13E		DVM Series, FJM, CAC, ERV
			MIM-B13D		DVM Series , FJM, CAC, ERV, ERV Plus
Individual control system Controller	Controller	Wireless remote controller	MR-DH00		Cassette, Duct(Receiver needed)
		Wired remote controller (Multi function)	MWR-WE10		Cassette, Wall-mounted, Ceiling, Duct, Console, ERV
		Wired remote controller	MWR-WH00		Cassette, Wall-mounted, Ceiling, Duct, Console
		Simplified wired remote controller	MWR-SH00		Cassette, Wall-mounted, Ceiling, Duct, Console
		Remote sensor	MRW-TA		Cassette, Wall-mounted, Ceiling, Duct, Console
Guest room management system		External contact interface module	MIM-B14		DVM Mini(R-410A), DVM PLUS III, FJM

Classification	Feature	Model	Description	Relevant unit	Remark
Y-joint		MXJ-YA1509K	15.0 kW and below	-	Requisite
		MXJ-YA2512K	Over 15.0 ~ 40.6 kW and below		
Front panel		PC4NUSKA	4 way cassette - Waffle	-	Requisite
		PC4NUSKE	4 way cassette -Classic		
SPi kit		MSD-CAN1	S-Plasma ion Kit	-	Option

* DVM Series : DVM mini, DVM PLUS III, DVM PLUS III HR, DVM PLUS IV, DVM PLUS IV HR



DVM Mini

II. Outdoor units

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1 Specifications

1-1. RD040/050/060MHXE*

Model Name				RD040MHXE	RD050MHXE	RD060MHXE
Power Supply			Ø, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50
Mode			-	Heat Pump	Heat Pump	Heat Pump
Performance	HP		HP	4	5	6
	TON		TON	3.19	3.98	4.41
	Capacity (Nominal)	Cooling ¹⁾	kW	11.2	14	15.5
			Btu/h	38,200	47,800	52,900
		Heating ¹⁾	kW	12.5	16	18
			Btu/h	42,700	54,600	61,400
Power	Power Input (Nominal)	Cooling ¹⁾	kW	2.68	3.68	4.31
		Heating ¹⁾		2.80	3.61	4.39
	Current Input (Nominal)	Cooling ¹⁾	A	13.00	17.8	21
		Heating ¹⁾		14.00	17.2	20.2
	Max. Current Input			22	24	32
	Circuit Breaker (MCCB+ELB / ELCB)		A	30	30	40
COP	Nominal Cooling ¹⁾		-	4.18	3.8	3.6
	Nominal Heating ¹⁾		-	4.46	4.43	4.1
Compressor	Type		-	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1
	Piston Displacement		cc / Rev	43	43	43
	Oil	Type	-	POE	POE	POE
		Initial Charge	cc	1,700	1,700	1,700
FAN	Type		-	Propeller Fan / BLDC	Propeller Fan / BLDC	Propeller Fan / BLDC
	Output		W	125	125	125
	Number of Units		EA	2	2	2
	Air Flow Rate		CMM	95/100	95/100	95/100
Piping Connections	Liquid Pipe		Ø, mm	9.52	9.52	9.52
			Ø, inch	3 / 8	3 / 8	3 / 8
	Gas Pipe		Ø, mm	15.88	15.88	19.05
			Ø, inch	5 / 8	5 / 8	3 / 4
	Installation Limitation	Max. Length	m	150	150	150
		Max. Height	m	50 (40)	50 (40)	50 (40)
Field Wiring	Power Source Wire	Below 20 m / over 20 m	mm ²	2.5 / 4.0	2.5 / 4.0	4.0 / 6.0
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	3.2	3.2	3.3
Sound ²⁾	Sound Pressure		dB(A)	50	51	53
External Dimension	Net Weight		kg	100	100	103
	Shipping Weight		kg	105	105	108
	Net Dimensions (WxHxD)		mm	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330
	Shipping Dimensions (WxHxD)		mm	995 x 1,368 x 426	995 x 1,368 x 426	995 x 1,368 x 426
Operating Temp. Range	Cooling		°C	-5 ~ 48	-5 ~ 48	-5 ~ 48
	Heating		°C	-20 ~ 26	-20 ~ 26	-20 ~ 26

1) Nominal Capacity are based on (Equivalent refrigerant piping : 5m , Level differences : 0m);

- Cooling : Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB

- Heating : Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB

2) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

* Specifications are subject to change without prior notice for product improvement.

1-2. RD040/050/060MHXG*

Model Name				RD040MHXGA	RD050MHXGA	RD060MHXGA
Power Supply			Ø, #, V, Hz	3, 4, 380~415, 50	3, 4, 380~415, 50	3, 4, 380~415, 50
Mode			-	Heat Pump	Heat Pump	Heat Pump
Performance	HP		HP	4	5	6
	TON		TON	3.19	3.98	4.41
	Capacity (Nominal)	Cooling ¹⁾	kW	11.2	14	15.5
			Btu/h	38,200	47,800	52,900
		Heating ¹⁾	kW	12.5	16	18
			Btu/h	42,700	54,600	61,400
Power	Power Input (Nominal)	Cooling ¹⁾	kW	2.68	3.68	4.31
		Heating ¹⁾		2.8	3.61	4.39
	Current Input (Nominal)	Cooling ¹⁾	A	4.6	6.2	7.3
		Heating ¹⁾		4.8	6	6.9
	Max. Current Input			12	13	14
	Circuit Breaker (MCCB+ELB / ELCB)		A	20	20	20
COP	Nominal Cooling ¹⁾		-	4.18	3.8	3.6
	Nominal Heating ¹⁾		-	4.46	4.43	4.1
Compressor	Type		-	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1	Twin BLDC Rotary x 1
	Piston Displacement		cc / Rev	43	43	43
	Oil	Type	-	POE	POE	POE
		Initial Charge	cc	1,700	1,700	1,700
FAN	Type		-	Propeller Fan / BLDC	Propeller Fan / BLDC	Propeller Fan / BLDC
	Output		W	125	125	125
	Number of Units		EA	2	2	2
	Air Flow Rate		CMM	95/100	95/100	95/100
Piping Connections	Liquid Pipe		Ø, mm	9.52	9.52	9.52
			Ø, inch	3 / 8	3 / 8	3 / 8
	Gas Pipe		Ø, mm	15.88	15.88	19.05
			Ø, inch	5 / 8	5 / 8	3 / 4
	Installation Limitation	Max. Length	m	150	150	150
		Max. Height	m	50 (40)	50 (40)	50 (40)
Field Wiring	Power Source Wire	Below 20 m / over 20 m	mm ²	1.5 / 2.5	1.5 / 2.5	1.5 / 2.5
	Transmission Cable		mm ²	0.75 ~ 1.5	0.75 ~ 1.5	0.75 ~ 1.5
Refrigerant	Type		-	R410A	R410A	R410A
	Factory Charging		kg	3.2	3.2	3.3
Sound ²⁾	Sound Pressure		dB(A)	50	51	53
External Dimension	Net Weight		kg	100	100	103
	Shipping Weight		kg	105	105	108
	Net Dimensions (WxHxD)		mm	940 x 1,210 x 330	940 x 1,210 x 330	940 x 1,210 x 330
	Shipping Dimensions (WxHxD)		mm	995 x 1,368 x 426	995 x 1,368 x 426	995 x 1,368 x 426
Operating Temp. Range	Cooling		°C	-5 ~ 48	-5 ~ 48	-5 ~ 48
	Heating		°C	-20 ~ 26	-20 ~ 26	-20 ~ 26

1) Nominal Capacity are based on (Equivalent refrigerant piping : 5m , Level differences : 0m);

- Cooling : Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB, 24°C WB

- Heating : Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB

2) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

3) Specifications are subject to change without prior notice for product improvement.

2-1. Operation Ranges

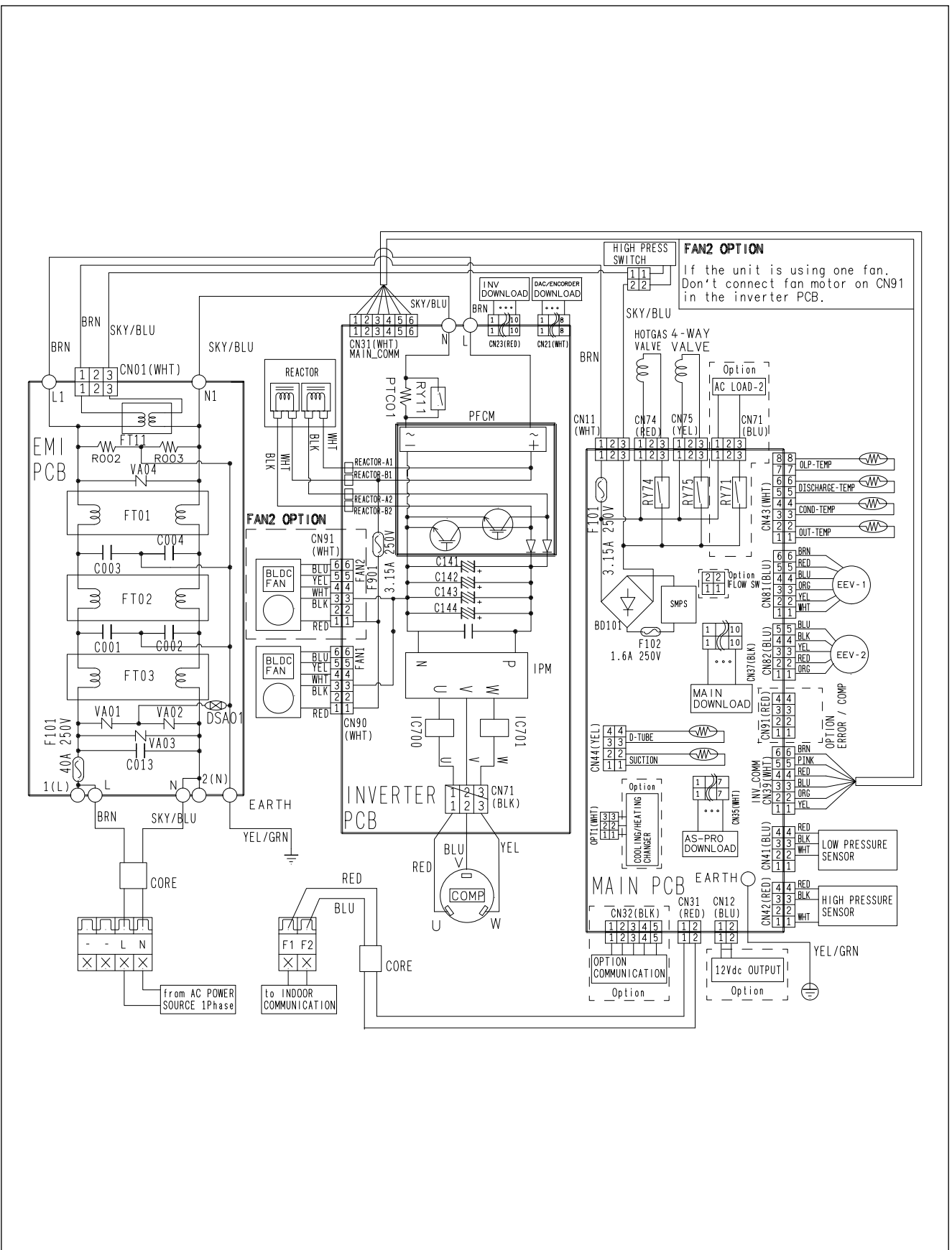
Model	Outdoor Temperature (DB)	Indoor Temperature (DB)	Indoor Humidity (RH)
Cooling	-5°C ~ 48°C	18°C ~ 32°C	80% or less
Heating	-20°C ~ 26°C	27°C or less	

 Note

- ◆ The standardized temperature for heating is 7°C DB. If the outdoor temperature drops to 0°C DB or below, the heating capacity can be reduced depending on the temperature condition.
If the cooling operation is used at over 32°C DB, it does not cool at its full capacity.
- ◆ The use of the air conditioner at a relative humidity above the expected one (80%) may cause the formation of condensate and the leakage of water drops on the floor.

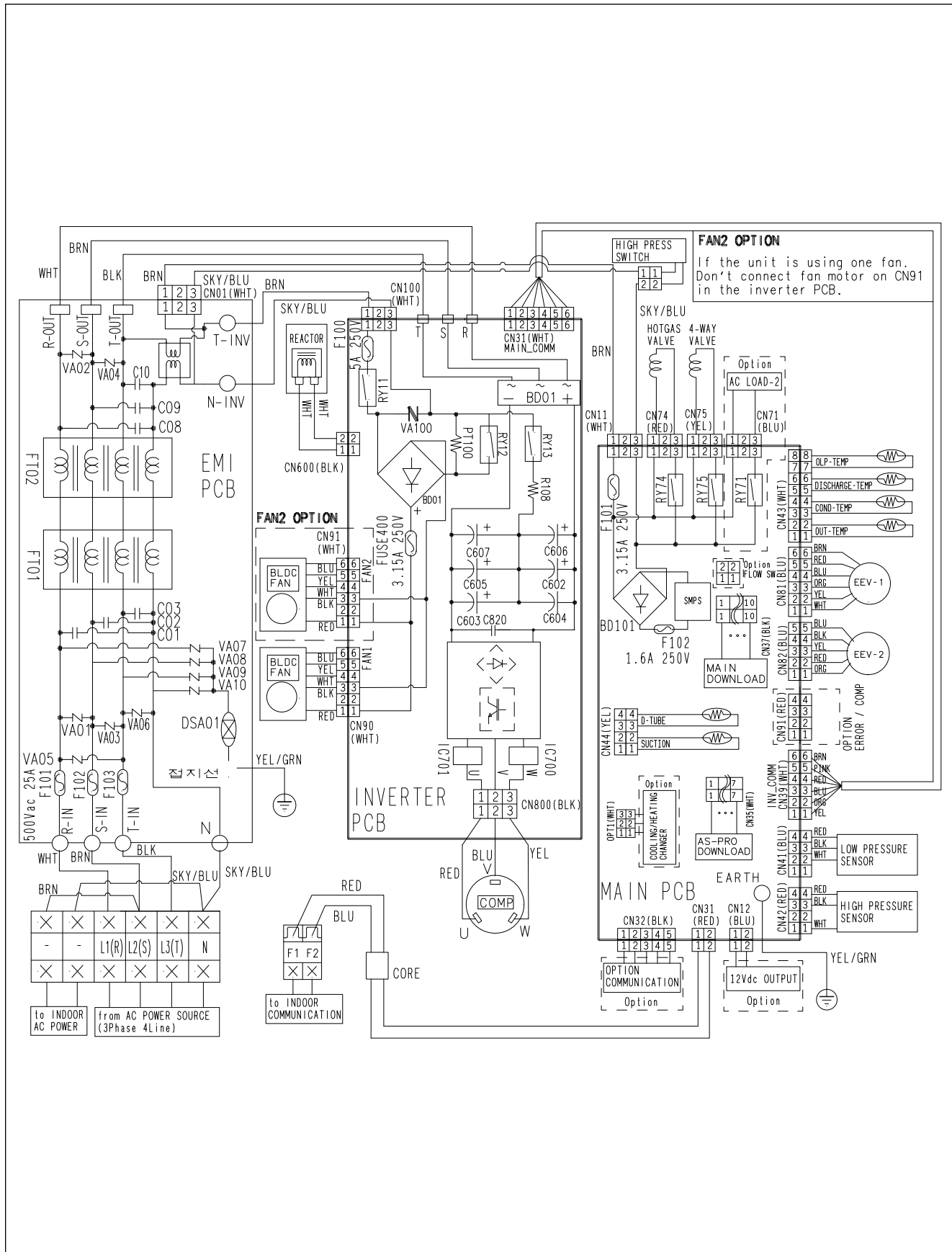
3 Electrical wiring diagram

3-1. RD040/050/060MHXE*



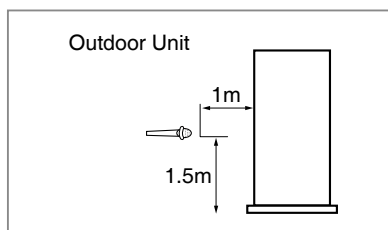
3) Electrical wiring diagram

3-2. RD040/050/060MHXG*



4-1. Operation sound level

Unit: dB(A)



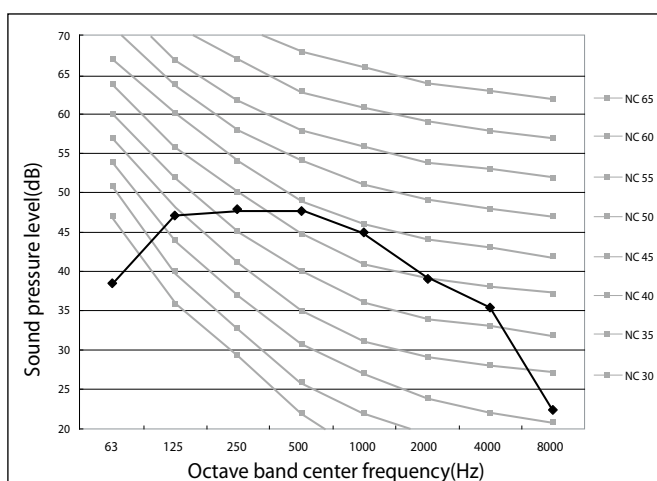
Model		High
RD040MHXEA	RD040MHXGA	50
RD040MHXEA	RD040MHXGA	51
RD040MHXEA	RD040MHXGA	53

☒ **Note**

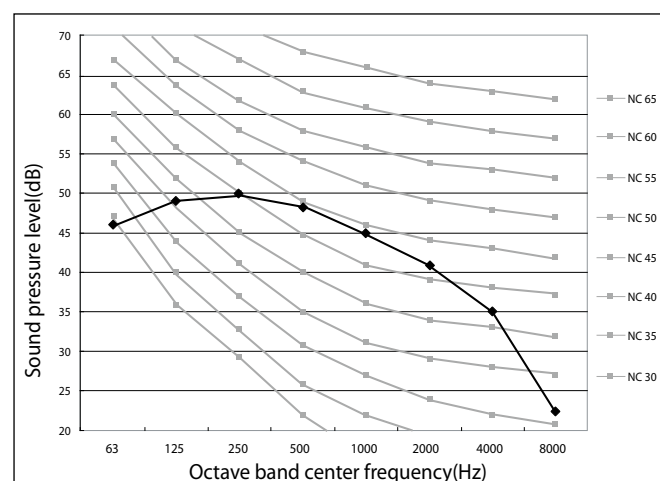
- ◆ These operation values were obtained in a dead room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- ◆ Operation sound level may differ depending on operation and ambient conditions.

4-2. NC curves

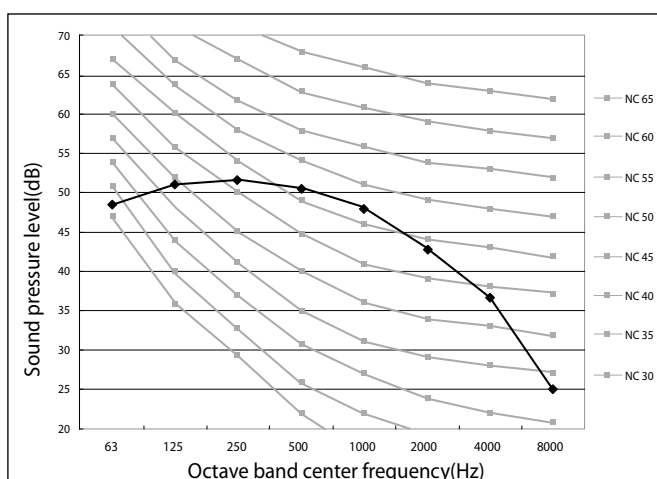
1) RD040MHXEA, RD040MHXGA



2) RD050MHXEA, RD050MHXGA

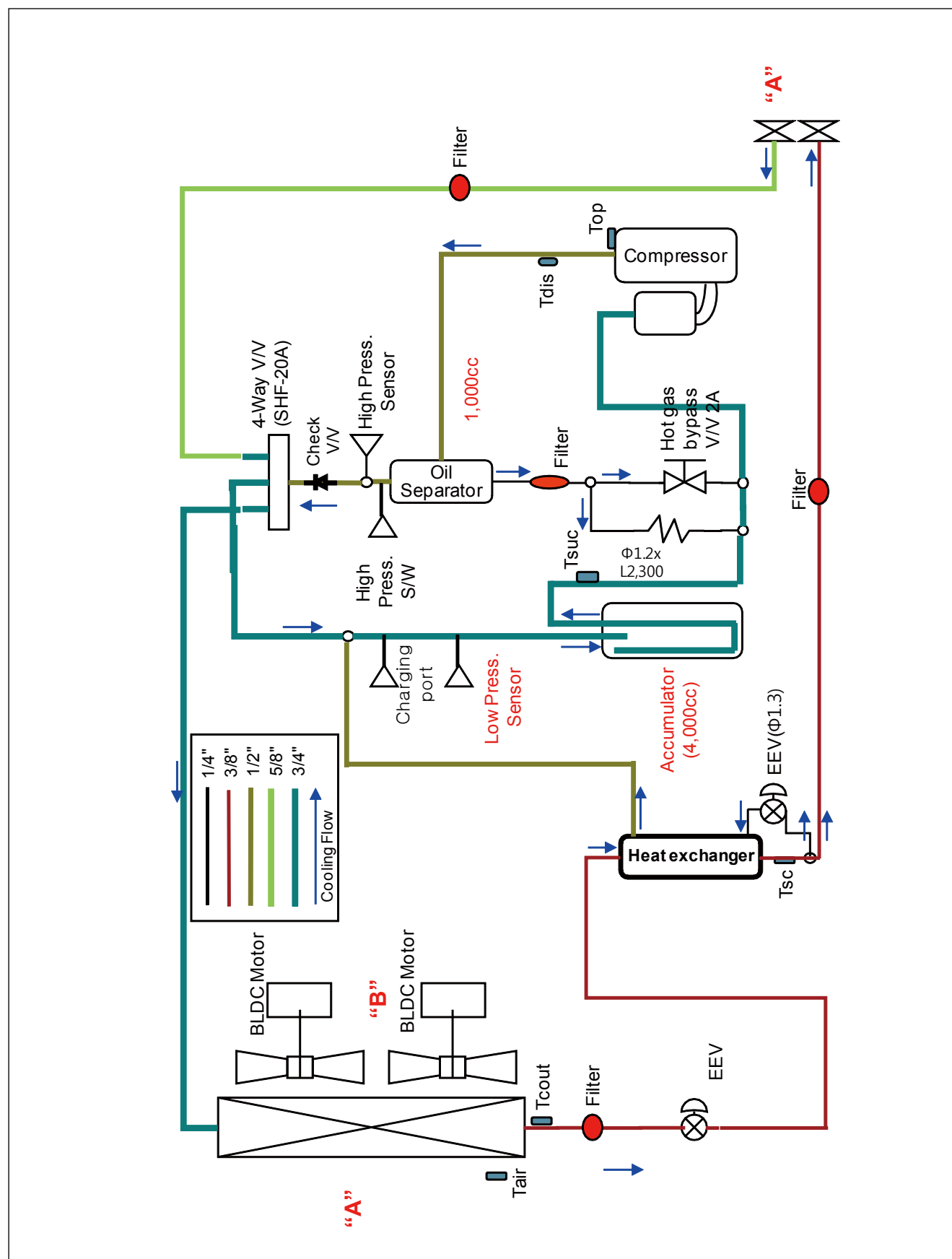


3) RD040MHXEA, RD040MHXGA

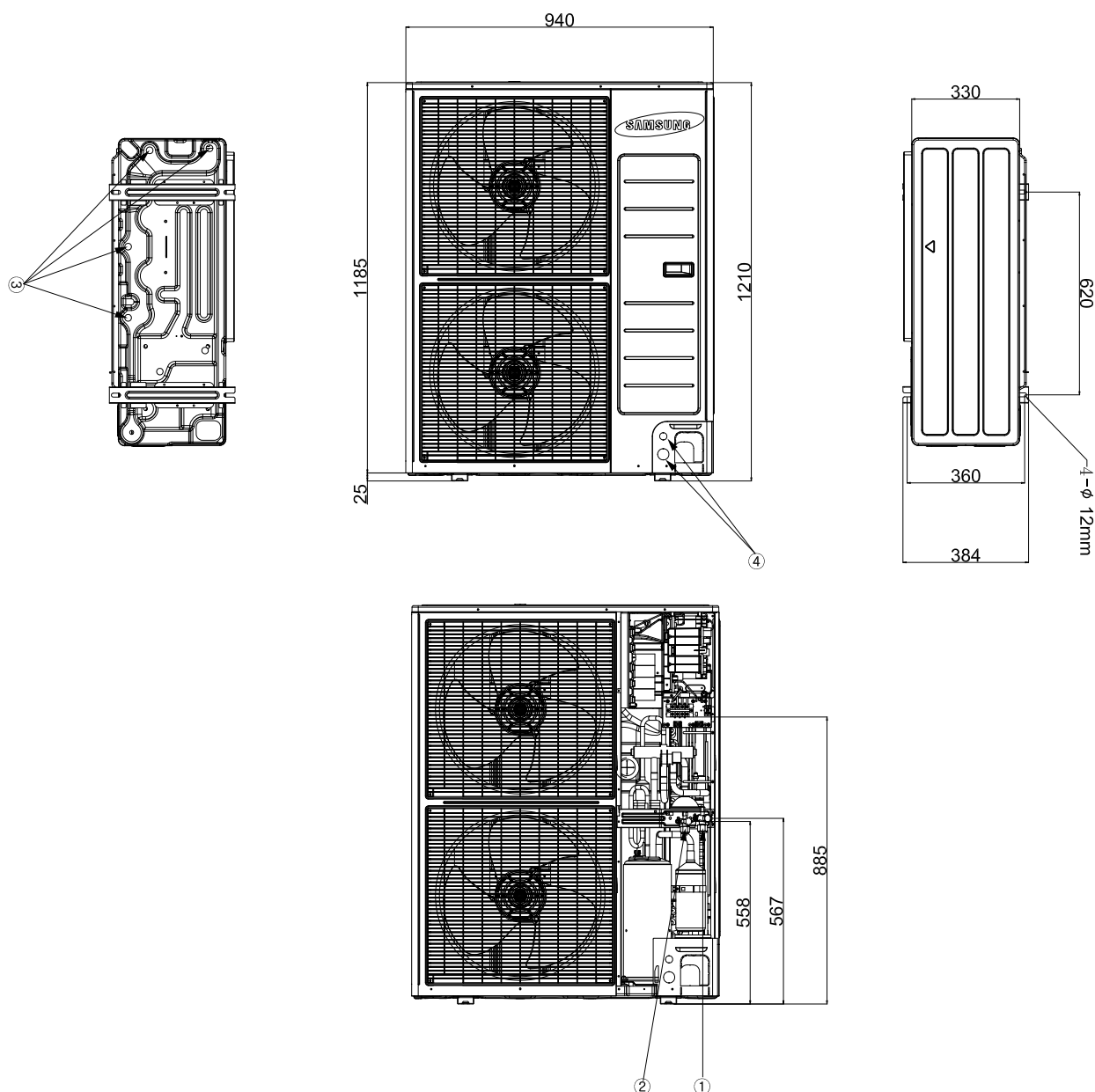


5 Cycle diagrams

5-1. RD 040/050/060 MHXE/G*



1-1. RD 040/050/060 MHXE/G*



No.	Name		Description
①	Gas Ref. Pipe	Ø, mm	4/5 HP : 15.88 (5/8") 6 HP : 19.05 (3/4")
②	Liquid Ref. Pipe	Ø, mm	9.52 (3/8")
③	Condensate Drain Holes	Ø, mm	20 x 4
④	Power & Communication Wiring Holes	Ø, mm	22.2 x 3 / 34.5 x 3



DVM Mini

III. Capacity table

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1 Capacity table

1-1. RD040MHXEA, RD040MHXGA

1) Cooling

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)	Indoor Temperature (°C,WB)													
		14.0 °C		16.0 °C		18.0 °C		19.0 °C		20.0 °C		22.0 °C		24.0 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10 °C	9.98	1.24	11.88	1.51	13.8	1.79	14.82	1.94	15.73	2.09	16.85	2.16	17.15	2.07
	12 °C	9.97	1.25	11.86	1.54	13.79	1.83	14.8	1.98	15.72	2.12	16.63	2.16	16.93	2.11
	14 °C	9.96	1.28	11.85	1.57	13.78	1.87	14.79	2.02	15.7	2.16	16.31	2.22	16.71	2.24
	16 °C	9.95	1.3	11.84	1.6	13.76	1.9	14.78	2.08	15.69	2.29	16.09	2.34	16.5	2.35
	18 °C	9.94	1.33	11.83	1.63	13.75	2.02	14.76	2.25	15.57	2.43	15.87	2.46	16.28	2.48
	20 °C	9.93	1.36	11.82	1.74	13.74	2.18	14.75	2.42	15.35	2.56	15.66	2.57	16.06	2.6
	21 °C	9.92	1.39	11.81	1.8	13.72	2.25	14.73	2.51	15.14	2.61	15.54	2.63	15.94	2.66
	23 °C	9.91	1.49	11.79	1.93	13.71	2.42	14.72	2.69	14.92	2.73	15.32	2.75	15.62	2.78
	25 °C	9.9	1.6	11.78	2.07	13.7	2.6	14.5	2.84	14.7	2.85	15.11	2.88	15.41	2.9
	27 °C	9.89	1.7	11.77	2.21	13.68	2.78	14.29	2.96	14.49	2.98	14.89	3	15.19	3.02
	29 °C	9.88	1.82	11.76	2.36	13.67	2.98	14.07	3.08	14.27	3.09	14.57	3.11	14.97	3.15
	31 °C	9.87	1.94	11.75	2.52	13.65	3.18	13.86	3.2	14.06	3.21	14.36	3.24	14.76	3.27
	33 °C	9.86	2.07	11.74	2.69	13.44	3.3	13.64	3.32	13.84	3.34	14.14	3.36	14.54	3.39
	35 °C	9.83	2.2	11.7	2.87	13.2	3.43	13.4	3.44	13.6	3.46	13.9	3.48	14.3	3.52
	37 °C	9.54	2.35	11.35	3.07	12.61	3.54	12.8	3.56	12.9	3.57	13.29	3.61	13.58	3.64
	39 °C	9.34	2.5	11.12	3.26	12.16	3.66	12.35	3.68	12.45	3.7	12.83	3.74	13.11	3.77
	42 °C	9.34	2.65	11.12	3.46	11.97	3.79	12.16	3.8	12.26	3.82	12.64	3.87	12.92	3.9
	44 °C	9.34	2.79	11.12	3.66	11.78	3.91	11.97	3.93	12.07	3.94	12.45	4	12.73	4.03
	46 °C	9.34	2.94	11.12	3.85	11.59	4.03	11.78	4.05	11.88	4.07	12.26	4.13	12.54	4.16
120%	10 °C	9.21	1.13	10.96	1.38	12.79	1.64	13.6	1.77	14.51	1.9	16.34	2.17	16.85	2.15
	12 °C	9.2	1.15	10.95	1.4	12.78	1.67	13.59	1.8	14.5	1.94	16.33	2.21	16.63	2.13
	14 °C	9.19	1.17	10.94	1.43	12.76	1.7	13.57	1.84	14.49	1.98	16.11	2.21	16.41	2.22
	16 °C	9.18	1.19	10.93	1.46	12.75	1.74	13.56	1.88	14.47	2.03	15.89	2.33	16.19	2.34
	18 °C	9.17	1.21	10.92	1.48	12.74	1.79	13.55	1.98	14.46	2.19	15.67	2.44	15.97	2.46
	20 °C	9.16	1.24	10.91	1.55	12.73	1.93	13.53	2.13	14.44	2.35	15.45	2.56	15.76	2.58
	21 °C	9.15	1.25	10.9	1.6	12.71	2	13.52	2.21	14.43	2.44	15.24	2.62	15.64	2.64
	23 °C	9.14	1.34	10.89	1.71	12.7	2.14	13.51	2.38	14.41	2.61	15.02	2.74	15.42	2.76
	25 °C	9.13	1.43	10.88	1.84	12.69	2.29	13.49	2.54	14.4	2.81	14.8	2.86	15.21	2.88
	27 °C	9.12	1.52	10.86	1.96	12.68	2.46	13.48	2.72	14.29	2.96	14.59	2.98	14.89	3
	29 °C	9.12	1.62	10.85	2.1	12.66	2.62	13.47	2.92	14.07	3.07	14.37	3.1	14.67	3.12
	31 °C	9.11	1.73	10.84	2.24	12.65	2.8	13.45	3.11	13.86	3.2	14.16	3.22	14.46	3.25
	33 °C	9.1	1.84	10.83	2.38	12.64	3	13.44	3.3	13.54	3.31	13.94	3.34	14.24	3.37
	35 °C	9.07	1.97	10.8	2.54	12.6	3.2	13.2	3.42	13.3	3.43	13.7	3.47	14	3.49
	37 °C	8.8	2.09	10.48	2.71	12.22	3.41	12.61	3.54	12.71	3.56	13	3.59	13.39	3.61
	39 °C	8.62	2.22	10.26	2.88	11.97	3.64	12.07	3.66	12.26	3.68	12.54	3.71	12.92	3.74
	42 °C	8.62	2.35	10.26	3.06	11.97	3.87	11.78	3.79	12.07	3.8	12.35	3.84	12.73	3.86
	44 °C	8.62	2.48	10.26	3.23	11.97	4.1	11.5	3.91	11.88	3.93	12.16	3.96	12.54	3.98
	46 °C	8.62	2.61	10.26	3.4	11.97	4.33	11.21	4.03	11.69	4.05	11.97	4.08	12.35	4.11
110%	10 °C	8.43	1.02	10.07	1.25	11.67	1.48	12.48	1.6	13.3	1.72	14.92	1.97	16.54	2.21
	12 °C	8.43	1.04	10.06	1.27	11.66	1.51	12.47	1.63	13.28	1.75	14.91	2	16.43	2.21
	14 °C	8.42	1.06	10.05	1.29	11.65	1.54	12.46	1.66	13.27	1.79	14.89	2.04	16.11	2.2
	16 °C	8.41	1.08	10.04	1.32	11.64	1.57	12.45	1.7	13.26	1.82	14.88	2.12	15.89	2.33
	18 °C	8.4	1.1	10.03	1.34	11.63	1.6	12.44	1.74	13.24	1.92	14.86	2.29	15.67	2.44
	20 °C	8.39	1.12	10.02	1.37	11.62	1.7	12.42	1.87	13.23	2.06	14.85	2.46	15.45	2.57
	21 °C	8.38	1.13	10.01	1.41	11.6	1.75	12.41	1.94	13.22	2.13	14.83	2.55	15.34	2.62
	23 °C	8.38	1.19	10	1.52	11.59	1.88	12.4	2.08	13.2	2.29	14.82	2.72	15.12	2.75
	25 °C	8.37	1.27	9.99	1.61	11.58	2.02	12.39	2.23	13.19	2.45	14.6	2.84	14.9	2.86
	27 °C	8.36	1.35	9.98	1.73	11.57	2.16	12.37	2.38	13.18	2.62	14.39	2.96	14.69	2.98
	29 °C	8.35	1.44	9.97	1.84	11.56	2.3	12.36	2.55	13.17	2.81	14.07	3.08	14.37	3.11
	31 °C	8.34	1.53	9.96	1.97	11.55	2.46	12.35	2.72	13.15	3	13.86	3.2	14.16	3.22
	33 °C	8.33	1.63	9.95	2.1	11.53	2.62	12.34	2.91	13.14	3.2	13.64	3.32	13.94	3.34
	35 °C	8.31	1.74	9.92	2.24	11.5	2.79	12.3	3.1	13.1	3.42	13.4	3.44	13.7	3.47
	37 °C	8.06	1.84	9.62	2.38	11.16	2.98	11.93	3.31	12.51	3.53	12.8	3.57	13.1	3.59
	39 °C	7.89	1.97	9.42	2.53	10.93	3.18	11.69	3.53	12.07	3.66	12.35	3.69	12.64	3.71
	42 °C	7.89	2.09	9.42	2.69	10.93	3.38	11.69	3.75	11.88	3.78	12.16	3.81	12.45	3.84
	44 °C	7.89	2.21	9.42	2.84	10.93	3.57	11.69	3.97	11.69	3.9	11.97	3.93	12.26	3.96
	46 °C	7.89	2.34	9.42	3	10.93	3.77	11.69	4.2	11.5	4.02	11.78	4.06	12.07	4.08

Combi. (%)	Outdoor Temperature (°C)	Indoor Temperature (°C,WB)													
		14.0 °C		16.0 °C		18.0 °C		19.0 °C		20.0 °C		22.0 °C		24.0 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100 %	10 °C	7.67	0.93	9.16	1.12	10.66	1.33	11.37	1.43	12.08	1.54	13.6	1.76	15.02	1.98
	12 °C	7.67	0.94	9.15	1.14	10.65	1.35	11.36	1.46	12.07	1.57	13.59	1.79	15.01	2.02
	14 °C	7.66	0.96	9.14	1.16	10.64	1.38	11.35	1.49	12.05	1.6	13.57	1.83	14.99	2.06
	16 °C	7.65	0.98	9.13	1.18	10.63	1.4	11.33	1.52	12.04	1.63	13.56	1.87	14.98	2.15
	18 °C	7.64	0.99	9.12	1.2	10.62	1.43	11.32	1.55	12.03	1.66	13.55	1.98	14.96	2.31
	20 °C	7.64	1.01	9.11	1.23	10.61	1.48	11.31	1.62	12.02	1.79	13.53	2.12	14.95	2.49
	21 °C	7.63	1.02	9.1	1.25	10.59	1.52	11.3	1.68	12.01	1.84	13.52	2.2	14.93	2.58
	23 °C	7.62	1.05	9.09	1.33	10.58	1.64	11.29	1.8	12	1.98	13.51	2.36	14.82	2.73
	25 °C	7.61	1.11	9.08	1.42	10.57	1.75	11.28	1.93	11.98	2.12	13.49	2.53	14.6	2.84
	27 °C	7.61	1.19	9.07	1.51	10.56	1.87	11.27	2.07	11.97	2.27	13.48	2.7	14.39	2.97
	29 °C	7.6	1.27	9.07	1.61	10.55	2	11.26	2.2	11.96	2.43	13.47	2.89	14.17	3.08
	31 °C	7.59	1.35	9.06	1.72	10.54	2.13	11.24	2.35	11.95	2.59	13.45	3.1	13.96	3.2
	33 °C	7.58	1.43	9.05	1.83	10.53	2.27	11.23	2.52	11.94	2.76	13.44	3.3	13.64	3.32
	35 °C	7.56	1.52	9.02	1.95	10.5	2.43	11.2	2.68	11.9	2.95	13.2	3.42	13.4	3.44
	37 °C	7.33	1.62	8.75	2.07	10.19	2.58	10.86	2.86	11.54	3.15	12.51	3.54	12.8	3.57
	39 °C	7.18	1.72	8.57	2.2	9.98	2.75	10.64	3.05	11.31	3.35	12.07	3.66	12.35	3.69
	42 °C	5.46	1.26	6.52	1.62	7.59	2.02	11.2	3.24	8.6	2.46	9.03	2.62	9.25	2.64
90%	44 °C	5.46	1.33	6.52	1.71	7.59	2.13	11.2	3.43	8.6	2.61	8.89	2.71	9.1	2.73
	46 °C	5.46	1.4	6.52	1.8	7.59	2.24	11.2	3.61	8.6	2.75	8.74	2.79	8.96	2.81
	10 °C	6.9	0.83	8.23	1	9.56	1.18	10.25	1.27	10.86	1.37	12.18	1.56	13.6	1.75
	12 °C	6.9	0.84	8.22	1.02	9.55	1.2	10.24	1.29	10.85	1.39	12.17	1.59	13.59	1.79
	14 °C	6.89	0.85	8.22	1.03	9.54	1.22	10.23	1.32	10.84	1.42	12.16	1.62	13.57	1.83
	16 °C	6.88	0.87	8.21	1.05	9.53	1.25	10.22	1.34	10.83	1.44	12.14	1.65	13.56	1.86
	18 °C	6.87	0.89	8.2	1.07	9.52	1.27	10.21	1.37	10.82	1.48	12.13	1.68	13.55	1.97
	20 °C	6.87	0.9	8.19	1.09	9.51	1.29	10.2	1.4	10.81	1.52	12.12	1.81	13.53	2.11
	21 °C	6.86	0.91	8.18	1.11	9.5	1.32	10.19	1.44	10.8	1.58	12.11	1.88	13.52	2.19
	23 °C	6.85	0.93	8.17	1.15	9.5	1.41	10.18	1.55	10.79	1.7	12.1	2.01	13.51	2.35
	25 °C	6.85	0.98	8.17	1.23	9.49	1.51	10.17	1.66	10.77	1.81	12.08	2.16	13.49	2.52
	27 °C	6.84	1.04	8.16	1.31	9.48	1.61	10.16	1.77	10.76	1.94	12.07	2.3	13.48	2.7
	29 °C	6.83	1.11	8.15	1.39	9.47	1.71	10.15	1.89	10.75	2.07	12.06	2.46	13.47	2.88
	31 °C	6.83	1.18	8.14	1.48	9.46	1.83	10.14	2.02	10.74	2.21	12.05	2.63	13.45	3.09
	33 °C	6.82	1.25	8.13	1.58	9.45	1.95	10.13	2.15	10.73	2.36	12.04	2.81	13.44	3.29
	35 °C	6.8	1.33	8.11	1.68	9.42	2.07	10.1	2.29	10.7	2.52	12	3	13.2	3.42
	37 °C	6.6	1.41	7.87	1.79	9.14	2.21	9.8	2.44	10.38	2.68	11.64	3.2	12.51	3.54
80%	39 °C	6.46	1.49	7.7	1.9	8.95	2.35	9.6	2.6	10.17	2.85	11.4	3.41	12.07	3.66
	42 °C	6.46	1.57	7.7	2.02	8.95	2.49	9.6	2.75	10.17	3.02	11.4	3.62	11.88	3.79
	44 °C	6.46	1.66	7.7	2.13	8.95	2.63	9.6	2.91	10.17	3.2	11.4	3.84	11.69	3.91
	46 °C	6.46	1.74	7.7	2.25	8.95	2.77	9.6	3.07	10.17	3.37	11.4	4.05	11.5	4.03
	10 °C	6.14	0.74	7.32	0.88	8.51	1.03	9.09	1.11	9.68	1.2	10.86	1.36	12.08	1.53
	12 °C	6.13	0.75	7.31	0.89	8.5	1.05	9.09	1.13	9.67	1.21	10.85	1.39	12.07	1.57
	14 °C	6.13	0.75	7.3	0.91	8.49	1.07	9.08	1.16	9.66	1.24	10.84	1.41	12.05	1.59
	16 °C	6.12	0.77	7.3	0.93	8.48	1.09	9.07	1.17	9.65	1.26	10.83	1.44	12.04	1.62
	18 °C	6.12	0.79	7.29	0.94	8.47	1.11	9.06	1.2	9.64	1.29	10.82	1.47	12.03	1.66
	20 °C	6.11	0.79	7.28	0.96	8.46	1.13	9.05	1.22	9.64	1.31	10.81	1.52	12.02	1.77
	21 °C	6.1	0.8	7.27	0.97	8.46	1.15	9.04	1.24	9.63	1.34	10.8	1.57	12.01	1.84
	23 °C	6.1	0.82	7.27	0.99	8.45	1.2	9.03	1.31	9.62	1.43	10.79	1.69	12	1.97
	25 °C	6.09	0.84	7.26	1.05	8.44	1.28	9.02	1.4	9.61	1.53	10.77	1.81	11.98	2.11
	27 °C	6.09	0.9	7.25	1.12	8.43	1.37	9.01	1.5	9.6	1.64	10.76	1.93	11.97	2.25
	29 °C	6.08	0.96	7.25	1.2	8.42	1.46	9	1.6	9.59	1.75	10.75	2.07	11.96	2.41
	31 °C	6.07	1.02	7.24	1.27	8.41	1.55	9	1.7	9.58	1.86	10.74	2.2	11.95	2.57
	33 °C	6.07	1.08	7.23	1.35	8.41	1.65	8.99	1.81	9.57	1.98	10.73	2.35	11.94	2.75
	35 °C	6.05	1.15	7.21	1.43	8.38	1.75	8.96	1.93	9.54	2.11	10.7	2.51	11.9	2.93
	37 °C	5.87	1.21	6.99	1.52	8.13	1.87	8.69	2.06	9.25	2.25	10.38	2.67	11.54	3.12
	39 °C	5.75	1.29	6.85	1.61	7.96	1.98	8.51	2.19	9.06	2.39	10.17	2.84	11.31	3.33
	42 °C	5.75	1.36	6.85	1.7	7.96	2.1	8.51	2.32	9.06	2.53	10.17	3.02	11.31	3.53
	44 °C	5.75	1.43	6.85	1.79	7.96	2.21	8.51	2.45	9.06	2.67	10.17	3.19	11.31	3.74
	46 °C	5.75	1.51	6.85	1.89	7.96	2.33	8.51	2.58	9.06	2.81	10.17	3.36	11.31	3.94

1 Capacity table

1-1. RD040MHXEA, RD040MHXGA

1) Cooling

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)	Indoor Temperature (°C,WB)													
		14.0 °C		16.0 °C		18.0 °C		19.0 °C		20.0 °C		22.0 °C		24.0 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10 °C	5.37	0.65	6.4	0.76	7.44	0.89	7.96	0.96	8.48	1.03	9.51	1.17	10.56	1.31
	12 °C	5.36	0.66	6.4	0.78	7.43	0.91	7.95	0.98	8.47	1.05	9.5	1.19	10.55	1.34
	14 °C	5.36	0.66	6.39	0.79	7.43	0.93	7.94	0.99	8.46	1.07	9.49	1.21	10.54	1.37
	16 °C	5.35	0.67	6.39	0.8	7.42	0.94	7.93	1.02	8.45	1.09	9.48	1.24	10.52	1.39
	18 °C	5.35	0.69	6.38	0.82	7.41	0.96	7.93	1.03	8.44	1.11	9.47	1.26	10.51	1.42
	20 °C	5.34	0.7	6.37	0.84	7.4	0.98	7.92	1.05	8.43	1.13	9.46	1.29	10.5	1.46
	21 °C	5.34	0.7	6.37	0.84	7.4	0.98	7.91	1.07	8.43	1.14	9.45	1.3	10.49	1.51
	23 °C	5.33	0.71	6.36	0.86	7.39	1.01	7.9	1.1	8.42	1.2	9.44	1.39	10.48	1.61
	25 °C	5.33	0.73	6.35	0.89	7.38	1.07	7.89	1.17	8.41	1.28	9.44	1.49	10.47	1.73
	27 °C	5.32	0.77	6.35	0.95	7.37	1.15	7.89	1.25	8.4	1.36	9.43	1.6	10.46	1.85
	29 °C	5.32	0.82	6.34	1.01	7.37	1.22	7.88	1.33	8.39	1.45	9.42	1.7	10.45	1.98
	31 °C	5.31	0.87	6.34	1.07	7.36	1.29	7.87	1.42	8.38	1.54	9.41	1.81	10.44	2.11
	33 °C	5.31	0.92	6.33	1.14	7.35	1.38	7.86	1.51	8.38	1.65	9.4	1.93	10.43	2.25
	35 °C	5.29	0.98	6.31	1.2	7.33	1.47	7.84	1.61	8.35	1.75	9.37	2.06	10.4	2.39
	37 °C	5.13	1.03	6.12	1.28	7.11	1.56	7.6	1.7	8.1	1.86	9.09	2.19	10.09	2.55
60%	39 °C	5.03	1.09	5.99	1.35	6.96	1.65	7.45	1.81	7.93	1.98	8.9	2.33	9.88	2.71
	42 °C	5.03	1.15	5.99	1.43	6.96	1.74	7.45	1.92	7.93	2.09	8.9	2.47	9.88	2.88
	44 °C	5.03	1.2	5.99	1.5	6.96	1.83	7.45	2.02	7.93	2.2	8.9	2.61	9.88	3.04
	46 °C	5.03	1.26	5.99	1.57	6.96	1.92	7.45	2.13	7.93	2.32	8.9	2.75	9.88	3.2
	10 °C	4.61	0.56	5.49	0.66	6.37	0.76	6.82	0.82	7.27	0.87	8.15	0.98	9.03	1.11
	12 °C	4.6	0.57	5.49	0.67	6.37	0.78	6.81	0.83	7.26	0.89	8.14	1	9.02	1.12
	14 °C	4.6	0.57	5.48	0.68	6.36	0.79	6.81	0.84	7.25	0.9	8.13	1.02	9.02	1.15
	16 °C	4.59	0.59	5.47	0.69	6.36	0.8	6.8	0.86	7.25	0.92	8.13	1.04	9.01	1.16
	18 °C	4.59	0.6	5.47	0.7	6.35	0.81	6.79	0.88	7.24	0.93	8.12	1.06	9	1.19
	20 °C	4.59	0.61	5.46	0.71	6.34	0.83	6.79	0.89	7.23	0.95	8.11	1.08	8.99	1.21
	21 °C	4.58	0.61	5.46	0.72	6.34	0.84	6.78	0.9	7.22	0.96	8.1	1.09	8.98	1.22
	23 °C	4.58	0.62	5.45	0.73	6.33	0.85	6.77	0.92	7.22	0.98	8.09	1.13	8.97	1.3
	25 °C	4.57	0.63	5.45	0.75	6.32	0.89	6.77	0.96	7.21	1.04	8.09	1.21	8.96	1.39
	27 °C	4.57	0.66	5.44	0.79	6.32	0.94	6.76	1.02	7.2	1.11	8.08	1.29	8.95	1.48
	29 °C	4.56	0.69	5.44	0.84	6.31	1	6.75	1.09	7.2	1.18	8.07	1.38	8.94	1.58
	31 °C	4.56	0.73	5.43	0.89	6.31	1.07	6.75	1.16	7.19	1.25	8.06	1.47	8.94	1.69
50%	33 °C	4.55	0.77	5.43	0.94	6.3	1.13	6.74	1.23	7.18	1.34	8.05	1.56	8.93	1.79
	35 °C	4.54	0.82	5.41	1	6.28	1.2	6.72	1.3	7.16	1.42	8.03	1.66	8.9	1.91
	37 °C	4.4	0.87	5.25	1.06	6.09	1.27	6.52	1.39	6.95	1.51	7.79	1.76	8.63	2.03
	39 °C	4.31	0.92	5.14	1.12	5.97	1.35	6.38	1.47	6.8	1.6	7.63	1.87	8.46	2.16
	42 °C	4.31	0.97	5.14	1.19	5.97	1.43	6.38	1.55	6.8	1.69	7.63	1.98	8.46	2.29
	44 °C	4.31	1.02	5.14	1.25	5.97	1.52	6.38	1.63	6.8	1.78	7.63	2.08	8.46	2.43
	46 °C	4.31	1.07	5.14	1.32	5.97	1.6	6.38	1.71	6.8	1.87	7.63	2.19	8.46	2.56
	10 °C	3.84	0.48	4.58	0.56	5.32	0.64	5.68	0.68	6.05	0.72	6.79	0.81	7.53	0.9
	12 °C	3.83	0.49	4.57	0.57	5.31	0.65	5.68	0.69	6.04	0.74	6.78	0.83	7.52	0.92
	14 °C	3.83	0.49	4.57	0.57	5.31	0.66	5.67	0.7	6.04	0.75	6.78	0.84	7.52	0.93
	16 °C	3.83	0.5	4.56	0.58	5.3	0.67	5.67	0.71	6.03	0.76	6.77	0.85	7.51	0.95
	18 °C	3.82	0.51	4.56	0.59	5.3	0.68	5.66	0.73	6.03	0.77	6.76	0.87	7.5	0.98
	20 °C	3.82	0.52	4.56	0.6	5.29	0.69	5.66	0.74	6.02	0.79	6.76	0.89	7.49	0.99
	21 °C	3.81	0.52	4.55	0.61	5.29	0.7	5.65	0.75	6.01	0.79	6.75	0.89	7.49	1
	23 °C	3.81	0.52	4.55	0.61	5.28	0.71	5.64	0.76	6.01	0.81	6.74	0.91	7.48	1.02
	25 °C	3.81	0.53	4.54	0.62	5.28	0.72	5.64	0.77	6	0.84	6.74	0.96	7.47	1.09
	27 °C	3.8	0.54	4.54	0.65	5.27	0.76	5.63	0.82	6	0.89	6.73	1.02	7.46	1.16
	29 °C	3.8	0.57	4.53	0.69	5.27	0.81	5.63	0.88	5.99	0.94	6.72	1.08	7.46	1.24
	31 °C	3.8	0.61	4.53	0.73	5.26	0.86	5.62	0.93	5.98	1	6.72	1.16	7.45	1.32
	33 °C	3.79	0.64	4.52	0.77	5.26	0.91	5.62	0.98	5.98	1.06	6.71	1.22	7.44	1.4
	35 °C	3.78	0.68	4.51	0.81	5.24	0.96	5.6	1.04	5.96	1.12	6.69	1.3	7.42	1.49
	37 °C	3.67	0.71	4.37	0.86	5.08	1.02	5.43	1.11	5.78	1.19	6.49	1.38	7.2	1.58
	39 °C	3.59	0.75	4.28	0.91	4.98	1.07	5.32	1.17	5.66	1.26	6.36	1.46	7.05	1.68
	42 °C	3.59	0.79	4.28	0.96	4.98	1.13	5.32	1.24	5.66	1.34	6.36	1.54	7.05	1.78
	44 °C	3.59	0.84	4.28	1.01	4.98	1.19	5.32	1.3	5.66	1.41	6.36	1.62	7.05	1.88
	46 °C	3.59	0.88	4.28	1.06	4.98	1.25	5.32	1.37	5.66	1.48	6.36	1.7	7.05	1.98

2) Heating

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C, WB)									
			16.0 °C		18.0 °C		20.0 °C		22.0 °C		24.0 °C	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130 %	-20	-21	10.51	3.32	10.51	3.46	10.4	3.59	10.4	3.73	10.4	3.87
	-17	-18	11.43	3.53	11.43	3.66	11.33	3.78	11.33	3.91	11.33	4.03
	-15	-16	12.05	3.76	12.05	3.88	12.05	4	11.95	4.12	11.95	4.23
	-12	-13	12.67	3.87	12.67	3.99	12.67	4.1	12.57	4.21	12.57	4.33
	-10	-11	13.29	3.97	13.29	4.08	13.29	4.19	13.29	4.3	13.18	4.41
	-7	-8	14.42	3.97	14.32	4.07	14.32	4.17	14.32	4.27	14.32	4.35
	-5	-6	15.04	4.05	15.04	4.14	14.94	4.24	14.94	4.33	14.63	4.27
	-3	-4	15.66	3.92	15.55	4.01	15.55	4.09	15.55	4.18	14.63	3.86
	0	-1	16.58	4.02	16.58	4.09	16.48	4.18	15.66	3.91	14.63	3.58
	3	2.2	17.51	4.09	17.41	4.17	16.79	3.98	15.66	3.65	14.63	3.34
	5	4.1	18.13	4.14	17.82	4.13	16.79	3.81	15.66	3.5	14.63	3.2
	7	6	18.64	4.14	17.82	3.91	16.79	3.61	15.66	3.32	14.63	3.04
	9	7.9	18.85	4.01	17.82	3.72	16.79	3.43	15.66	3.16	14.63	2.9
	11	9.8	18.85	3.85	17.82	3.58	16.79	3.3	15.66	3.05	14.63	2.79
	13	12	18.85	3.7	17.82	3.43	16.79	3.17	15.66	2.93	14.63	2.69
120%	15	14	18.85	3.57	17.82	3.31	16.79	3.06	15.66	2.83	14.63	2.6
	-20	-21	10.4	3.51	10.4	3.63	10.4	3.76	10.4	3.88	10.3	4.01
	-17	-18	11.43	3.7	11.33	3.82	11.33	3.93	11.33	4.04	11.33	4.16
	-15	-16	12.05	3.92	11.95	4.03	11.95	4.14	11.95	4.26	11.95	4.37
	-12	-13	12.67	4.02	12.67	4.13	12.57	4.23	12.57	4.34	12.57	4.45
	-10	-11	13.29	4.12	13.29	4.21	13.18	4.32	13.18	4.42	13.18	4.52
	-7	-8	14.32	4.1	14.32	4.2	14.32	4.29	14.32	4.37	13.49	4.07
	-5	-6	14.94	4.18	14.94	4.26	14.94	4.34	14.42	4.22	13.49	3.84
	-3	-4	15.55	4.03	15.55	4.11	15.45	4.16	14.42	3.81	13.49	3.48
	0	-1	16.48	4.12	16.48	4.17	15.45	3.85	14.42	3.54	13.49	3.23
	3	2.2	17.41	4.19	16.48	3.89	15.45	3.59	14.42	3.3	13.49	3.02
	5	4.1	17.41	4.02	16.48	3.72	15.45	3.44	14.42	3.16	13.49	2.9
	7	6	17.41	3.81	16.48	3.53	15.45	3.26	14.42	3.01	13.49	2.76
	9	7.9	17.41	3.61	16.48	3.36	15.45	3.11	14.42	2.86	13.49	2.62
	11	9.8	17.41	3.48	16.48	3.23	15.45	2.99	14.42	2.76	13.49	2.53
110%	13	12	17.41	3.34	16.48	3.11	15.45	2.88	14.42	2.66	13.49	2.44
	15	14	17.41	3.22	16.48	3	15.45	2.78	14.42	2.57	13.49	2.36
	-20	-21	10.4	3.69	10.4	3.8	10.4	3.92	10.3	4.03	10.3	4.15
	-17	-18	11.33	3.87	11.33	3.97	11.33	4.08	11.33	4.18	11.23	4.29
	-15	-16	11.95	4.08	11.95	4.18	11.95	4.29	11.95	4.39	11.85	4.49
	-12	-13	12.57	4.18	12.57	4.28	12.57	4.37	12.57	4.47	12.36	4.46
	-10	-11	13.29	4.27	13.18	4.36	13.18	4.45	13.18	4.54	12.36	4.18
	-7	-8	14.32	4.24	14.32	4.32	14.21	4.34	13.29	3.99	12.36	3.65
	-5	-6	14.94	4.3	14.94	4.37	14.21	4.11	13.29	3.77	12.36	3.45
	-3	-4	15.55	4.15	15.04	4.03	14.21	3.72	13.29	3.42	12.36	3.13
	0	-1	15.97	4.02	15.04	3.73	14.21	3.45	13.29	3.17	12.36	2.9
	3	2.2	15.97	3.74	15.04	3.48	14.21	3.22	13.29	2.97	12.36	2.71
	5	4.1	15.97	3.59	15.04	3.33	14.21	3.08	13.29	2.85	12.36	2.61
	7	6	15.97	3.41	15.04	3.17	14.21	2.93	13.29	2.71	12.36	2.48
	9	7.9	15.97	3.24	15.04	3.01	14.21	2.79	13.29	2.58	12.36	2.37
	11	9.8	15.97	3.12	15.04	2.9	14.21	2.69	13.29	2.49	12.36	2.28
	13	12	15.97	3	15.04	2.79	14.21	2.59	13.29	2.39	12.36	2.2
	15	14	15.97	2.9	15.04	2.7	14.21	2.5	13.29	2.31	12.36	2.13

1 Capacity table

1-1. RD040MHXEA, RD040MHXGA

2) Heating

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C, WB)									
			16.0 °C		18.0 °C		20.0 °C		22.0 °C		24.0 °C	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100 %	-20	-21	10.4	3.66	10.3	3.77	10.3	3.86	10.3	3.97	10.3	4.06
	-17	-18	11.33	3.82	11.33	3.91	11.23	4	11.23	4.09	11.23	4.17
	-15	-16	11.95	4.02	11.95	4.11	11.95	4.19	11.85	4.28	11.23	4
	-12	-13	12.57	4.11	12.57	4.18	12.32	4.27	12.05	4.1	11.23	3.74
	-10	-11	13.18	4.17	13.18	4.25	12.5	4.18	12.05	3.84	11.23	3.51
	-7	-8	14.32	4.13	13.7	3.95	12.5	3.64	12.05	3.34	11.23	3.06
	-5	-6	14.52	4.02	13.7	3.72	12.5	3.44	12.05	3.16	11.23	2.9
	-3	-4	14.52	3.63	13.7	3.38	12.5	3.24	12.05	2.87	11.23	2.63
	0	-1	14.52	3.37	13.7	3.13	12.5	3.12	12.05	2.67	11.23	2.46
	3	2.2	14.52	3.15	13.7	2.93	12.5	3.01	12.05	2.5	11.23	2.3
	5	4.1	14.52	3.01	13.7	2.8	12.5	2.94	12.05	2.4	11.23	2.21
	7	6	14.52	2.87	13.7	2.67	12.5	2.8	12.05	2.29	11.23	2.11
	9	7.9	14.52	2.73	13.7	2.54	12.75	2.65	12.05	2.18	11.23	2.01
	11	9.8	14.52	2.63	13.7	2.45	12.75	2.48	12.05	2.1	11.23	1.94
	13	12	14.52	2.53	13.7	2.36	12.75	2.24	12.05	2.03	11.23	1.88
90%	15	14	14.52	2.44	13.7	2.28	12.75	2.12	12.05	1.96	11.23	1.82
	-20	-21	10.3	4.06	10.3	4.15	10.3	4.24	10.3	4.34	10.09	4.32
	-17	-18	11.23	4.2	11.23	4.29	11.23	4.37	10.82	4.22	10.09	3.85
	-15	-16	11.95	4.41	11.85	4.49	11.64	4.4	10.82	4.04	10.09	3.69
	-12	-13	12.57	4.49	12.36	4.46	11.64	4.11	10.82	3.78	10.09	3.46
	-10	-11	13.08	4.51	12.36	4.17	11.64	3.86	10.82	3.55	10.09	3.26
	-7	-8	13.08	3.92	12.36	3.64	11.64	3.36	10.82	3.1	10.09	2.84
	-5	-6	13.08	3.71	12.36	3.44	11.64	3.18	10.82	2.94	10.09	2.7
	-3	-4	13.08	3.36	12.36	3.12	11.64	2.89	10.82	2.67	10.09	2.45
	0	-1	13.08	3.12	12.36	2.9	11.64	2.69	10.82	2.49	10.09	2.28
	3	2.2	13.08	2.92	12.36	2.71	11.64	2.52	10.82	2.33	10.09	2.15
	5	4.1	13.08	2.8	12.36	2.61	11.64	2.42	10.82	2.25	10.09	2.07
	7	6	13.08	2.66	12.36	2.48	11.64	2.31	10.82	2.14	10.09	1.97
	9	7.9	13.08	2.54	12.36	2.37	11.64	2.2	10.82	2.04	10.09	1.88
	11	9.8	13.08	2.45	12.36	2.28	11.64	2.13	10.82	1.97	10.09	1.82
80%	13	12	13.08	2.36	12.36	2.2	11.64	2.06	10.82	1.9	10.09	1.76
	15	14	13.08	2.28	12.36	2.13	11.64	1.98	10.82	1.84	10.09	1.71
	-20	-21	10.3	4.24	10.3	4.32	10.3	4.41	9.64	4.07	8.97	3.71
	-17	-18	11.23	4.37	10.92	4.28	10.3	3.95	9.64	3.63	8.97	3.32
	-15	-16	11.64	4.42	10.92	4.09	10.3	3.79	9.64	3.48	8.97	3.19
	-12	-13	11.64	4.13	10.92	3.83	10.3	3.54	9.64	3.27	8.97	2.99
	-10	-11	11.64	3.88	10.92	3.6	10.3	3.33	9.64	3.07	8.97	2.82
	-7	-8	11.64	3.38	10.92	3.15	10.3	2.91	9.64	2.69	8.97	2.48
	-5	-6	11.64	3.2	10.92	2.98	10.3	2.76	9.64	2.56	8.97	2.35
	-3	-4	11.64	2.9	10.92	2.71	10.3	2.51	9.64	2.32	8.97	2.14
	0	-1	11.64	2.71	10.92	2.52	10.3	2.34	9.64	2.17	8.97	2
	3	2.2	11.64	2.53	10.92	2.36	10.3	2.2	9.64	2.04	8.97	1.88
	5	4.1	11.64	2.43	10.92	2.27	10.3	2.12	9.64	1.97	8.97	1.82
	7	6	11.64	2.32	10.92	2.17	10.3	2.02	9.64	1.87	8.97	1.73
	9	7.9	11.64	2.21	10.92	2.06	10.3	1.93	9.64	1.79	8.97	1.65
	11	9.8	11.64	2.14	10.92	2	10.3	1.86	9.64	1.73	8.97	1.61
	13	12	11.64	2.06	10.92	1.93	10.3	1.8	9.64	1.67	8.97	1.55
	15	14	11.64	1.99	10.92	1.86	10.3	1.74	9.64	1.62	8.97	1.5

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C,WB)									
			16.0 °C		18.0 °C		20.0 °C		22.0 °C		24.0 °C	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70 %	-20	-21	10.17	4.36	9.59	4.04	9.01	3.73	8.44	3.43	7.86	3.15
	-17	-18	10.17	3.89	9.59	3.61	9.01	3.33	8.44	3.08	7.86	2.82
	-15	-16	10.17	3.72	9.59	3.46	9.01	3.2	8.44	2.96	7.86	2.71
	-12	-13	10.17	3.49	9.59	3.24	9.01	3.01	8.44	2.78	7.86	2.55
	-10	-11	10.17	3.28	9.59	3.05	9.01	2.84	8.44	2.62	7.86	2.41
	-7	-8	10.17	2.87	9.59	2.67	9.01	2.49	8.44	2.3	7.86	2.12
	-5	-6	10.17	2.72	9.59	2.54	9.01	2.36	8.44	2.19	7.86	2.02
	-3	-4	10.17	2.47	9.59	2.31	9.01	2.15	8.44	1.99	7.86	1.84
	0	-1	10.17	2.3	9.59	2.15	9.01	2.01	8.44	1.86	7.86	1.72
	3	2.2	10.17	2.16	9.59	2.03	9.01	1.89	8.44	1.76	7.86	1.63
	5	4.1	10.17	2.09	9.59	1.95	9.01	1.82	8.44	1.69	7.86	1.57
	7	6	10.17	1.99	9.59	1.86	9.01	1.74	8.44	1.62	7.86	1.5
	9	7.9	10.17	1.9	9.59	1.78	9.01	1.66	8.44	1.55	7.86	1.44
	11	9.8	10.17	1.83	9.59	1.72	9.01	1.61	8.44	1.5	7.86	1.39
	13	12	10.17	1.77	9.59	1.66	9.01	1.56	8.44	1.45	7.86	1.35
60%	15	14	10.17	1.72	9.59	1.61	9.01	1.51	8.44	1.4	7.86	1.31
	-20	-21	8.71	3.58	8.22	3.32	7.73	3.09	7.23	2.85	6.74	2.61
	-17	-18	8.71	3.21	8.22	2.98	7.73	2.77	7.23	2.56	6.74	2.35
	-15	-16	8.71	3.08	8.22	2.87	7.73	2.66	7.23	2.47	6.74	2.28
	-12	-13	8.71	2.89	8.22	2.69	7.73	2.51	7.23	2.32	6.74	2.14
	-10	-11	8.71	2.72	8.22	2.54	7.73	2.37	7.23	2.19	6.74	2.03
	-7	-8	8.71	2.39	8.22	2.23	7.73	2.08	7.23	1.94	6.74	1.79
	-5	-6	8.71	2.27	8.22	2.12	7.73	1.99	7.23	1.85	6.74	1.71
	-3	-4	8.71	2.07	8.22	1.94	7.73	1.81	7.23	1.69	6.74	1.55
	0	-1	8.71	1.94	8.22	1.82	7.73	1.69	7.23	1.58	6.74	1.46
	3	2.2	8.71	1.83	8.22	1.71	7.73	1.6	7.23	1.49	6.74	1.39
	5	4.1	8.71	1.76	8.22	1.65	7.73	1.54	7.23	1.44	6.74	1.34
	7	6	8.71	1.68	8.22	1.58	7.73	1.47	7.23	1.38	6.74	1.28
	9	7.9	8.71	1.61	8.22	1.5	7.73	1.41	7.23	1.32	6.74	1.23
	11	9.8	8.71	1.55	8.22	1.46	7.73	1.37	7.23	1.28	6.74	1.19
50%	13	12	8.71	1.5	8.22	1.41	7.73	1.32	7.23	1.24	6.74	1.16
	15	14	8.71	1.46	8.22	1.38	7.73	1.28	7.23	1.2	6.74	1.12
	-20	-21	7.26	2.86	6.85	2.67	6.44	2.48	6.03	2.29	5.61	2.11
	-17	-18	7.26	2.57	6.85	2.4	6.44	2.23	6.03	2.07	5.61	1.92
	-15	-16	7.26	2.48	6.85	2.32	6.44	2.16	6.03	2.01	5.61	1.86
	-12	-13	7.26	2.34	6.85	2.18	6.44	2.04	6.03	1.9	5.61	1.76
	-10	-11	7.26	2.2	6.85	2.06	6.44	1.93	6.03	1.8	5.61	1.66
	-7	-8	7.26	1.95	6.85	1.83	6.44	1.7	6.03	1.59	5.61	1.47
	-5	-6	7.26	1.86	6.85	1.74	6.44	1.63	6.03	1.51	5.61	1.42
	-3	-4	7.26	1.69	6.85	1.59	6.44	1.49	6.03	1.39	5.61	1.29
	0	-1	7.26	1.58	6.85	1.49	6.44	1.39	6.03	1.31	5.61	1.22
	3	2.2	7.26	1.5	6.85	1.41	6.44	1.32	6.03	1.24	5.61	1.15
	5	4.1	7.26	1.44	6.85	1.36	6.44	1.28	6.03	1.2	5.61	1.11
	7	6	7.26	1.38	6.85	1.31	6.44	1.22	6.03	1.15	5.61	1.08
	9	7.9	7.26	1.33	6.85	1.25	6.44	1.17	6.03	1.1	5.61	1.03
	11	9.8	7.26	1.28	6.85	1.21	6.44	1.14	6.03	1.07	5.61	1
	13	12	7.26	1.25	6.85	1.17	6.44	1.11	6.03	1.04	5.61	0.97
	15	14	7.26	1.21	6.85	1.15	6.44	1.07	6.03	1.01	5.61	0.94

1 Capacity table

1-2. RD050MHXEA, RD050MHXGA

1) Cooling

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)	Indoor Temperature (°C,WB)													
		14.0 °C		16.0 °C		18.0 °C		19.0 °C		20.0 °C		22.0 °C		24.0 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10 °C	12.48	1.68	14.82	2.06	17.26	2.44	18.47	2.64	19.39	2.78	19.89	2.66	20.3	2.53
	12 °C	12.47	1.71	14.8	2.09	17.24	2.5	18.45	2.69	19.16	2.76	19.57	2.64	20.08	2.59
	14 °C	12.46	1.74	14.79	2.14	17.22	2.54	18.44	2.74	18.84	2.74	19.35	2.72	19.75	2.74
	16 °C	12.45	1.78	14.78	2.18	17.2	2.59	18.42	2.83	18.62	2.84	19.03	2.86	19.53	2.89
	18 °C	12.44	1.81	14.76	2.22	17.19	2.76	18.1	2.97	18.3	2.98	18.8	3.01	19.21	3.03
	20 °C	12.42	1.85	14.75	2.37	17.17	2.97	17.88	3.12	18.08	3.13	18.48	3.15	18.99	3.19
	21 °C	12.41	1.9	14.73	2.45	17.15	3.08	17.66	3.19	17.96	3.21	18.36	3.23	18.87	3.26
	23 °C	12.4	2.03	14.72	2.62	17.14	3.3	17.44	3.33	17.64	3.35	18.14	3.38	18.55	3.41
	25 °C	12.39	2.18	14.7	2.81	16.92	3.46	17.22	3.48	17.42	3.5	17.82	3.53	18.33	3.56
	27 °C	12.37	2.33	14.69	3.01	16.7	3.61	16.9	3.62	17.1	3.64	17.61	3.68	18.01	3.71
	29 °C	12.36	2.48	14.67	3.21	16.38	3.75	16.68	3.77	16.88	3.8	17.29	3.83	17.79	3.86
	31 °C	12.35	2.64	14.66	3.44	16.16	3.9	16.37	3.92	16.57	3.94	17.07	3.97	17.47	4.02
	33 °C	12.34	2.82	14.64	3.67	15.85	4.05	16.15	4.07	16.35	4.09	16.75	4.13	17.25	4.17
	35 °C	12.3	3	14.6	3.91	15.6	4.2	15.8	4.21	16	4.24	16.5	4.28	16.9	4.33
	37 °C	11.93	3.2	14.16	4.17	14.84	4.34	15.13	4.37	15.33	4.39	15.71	4.44	16.2	4.48
120%	39 °C	11.69	3.4	13.87	4.44	14.35	4.5	14.54	4.51	14.73	4.54	15.2	4.59	15.58	4.63
	42 °C	11.69	3.61	13.87	4.72	14.16	4.65	14.25	4.66	14.44	4.69	15.01	4.74	15.3	4.79
	44 °C	11.69	3.81	13.87	4.99	13.97	4.8	13.97	4.8	14.16	4.85	14.82	4.9	15.01	4.94
	46 °C	11.69	4.02	13.87	5.27	13.78	4.96	13.68	4.95	13.87	5	14.63	5.05	14.73	5.09
	10 °C	11.47	1.54	13.7	1.87	15.94	2.23	17.05	2.41	18.17	2.59	19.59	2.74	20	2.63
	12 °C	11.46	1.56	13.69	1.91	15.92	2.27	17.04	2.45	18.15	2.64	19.27	2.73	19.67	2.61
	14 °C	11.45	1.59	13.68	1.95	15.9	2.32	17.02	2.5	18.13	2.69	19.04	2.71	19.45	2.73
	16 °C	11.44	1.62	13.66	1.98	15.89	2.36	17	2.56	18.11	2.76	18.72	2.85	19.13	2.87
	18 °C	11.42	1.66	13.65	2.03	15.87	2.44	16.98	2.7	18.1	2.97	18.5	2.99	18.91	3.02
	20 °C	11.41	1.68	13.64	2.1	15.86	2.62	16.97	2.91	17.78	3.11	18.18	3.14	18.58	3.16
	21 °C	11.4	1.7	13.62	2.18	15.84	2.72	16.95	3.02	17.66	3.19	18.06	3.21	18.46	3.24
	23 °C	11.39	1.82	13.61	2.33	15.83	2.91	16.93	3.23	17.34	3.33	17.84	3.36	18.24	3.39
	25 °C	11.38	1.94	13.59	2.5	15.81	3.13	16.92	3.46	17.12	3.48	17.52	3.5	17.92	3.54
	27 °C	11.37	2.08	13.58	2.68	15.79	3.34	16.6	3.61	16.8	3.62	17.3	3.65	17.71	3.68
	29 °C	11.36	2.21	13.57	2.86	15.78	3.57	16.38	3.75	16.58	3.77	16.98	3.8	17.39	3.84
	31 °C	11.35	2.36	13.55	3.04	15.76	3.82	16.06	3.9	16.26	3.91	16.77	3.95	17.17	3.98
110%	33 °C	11.33	2.51	13.54	3.25	15.65	4.03	15.85	4.04	16.05	4.06	16.45	4.1	16.85	4.14
	35 °C	11.3	2.68	13.5	3.46	15.3	4.17	15.5	4.19	15.8	4.21	16.2	4.25	16.6	4.29
	37 °C	10.96	2.85	13.1	3.69	14.65	4.32	14.84	4.34	15.04	4.36	15.42	4.4	15.81	4.44
	39 °C	10.74	3.03	12.83	3.93	14.06	4.47	14.35	4.49	14.54	4.51	14.92	4.56	15.3	4.6
	42 °C	10.74	3.21	12.83	4.17	13.78	4.62	14.16	4.63	14.35	4.67	14.73	4.71	15.11	4.75
	44 °C	10.74	3.39	12.83	4.41	13.49	4.78	13.97	4.78	14.16	4.82	14.54	4.86	14.92	4.91
	46 °C	10.74	3.56	12.83	4.65	13.21	4.93	13.78	4.92	13.97	4.97	14.35	5.02	14.73	5.06
	10 °C	10.56	1.39	12.59	1.7	14.62	2.02	15.63	2.18	16.65	2.34	18.68	2.68	19.59	2.73
	12 °C	10.55	1.42	12.57	1.73	14.6	2.05	15.62	2.22	16.63	2.39	18.66	2.73	19.37	2.71
	14 °C	10.54	1.44	12.56	1.76	14.59	2.09	15.6	2.27	16.61	2.44	18.64	2.78	19.04	2.71
	16 °C	10.52	1.47	12.55	1.8	14.57	2.14	15.58	2.31	16.6	2.48	18.42	2.83	18.82	2.86
	18 °C	10.51	1.5	12.54	1.83	14.56	2.18	15.57	2.37	16.58	2.61	18.2	2.97	18.5	3
	20 °C	10.5	1.53	12.52	1.87	14.54	2.31	15.55	2.55	16.56	2.8	17.88	3.12	18.28	3.15
	21 °C	10.49	1.55	12.51	1.92	14.53	2.38	15.54	2.64	16.55	2.91	17.76	3.19	18.16	3.21
	23 °C	10.48	1.62	12.5	2.06	14.52	2.56	15.52	2.83	16.53	3.12	17.44	3.33	17.84	3.36
	25 °C	10.47	1.73	12.49	2.21	14.5	2.74	15.51	3.03	16.51	3.34	17.22	3.48	17.62	3.51
	27 °C	10.46	1.84	12.47	2.35	14.49	2.93	15.49	3.25	16.5	3.57	16.9	3.63	17.3	3.66
	29 °C	10.45	1.97	12.46	2.51	14.47	3.14	15.48	3.47	16.28	3.74	16.68	3.78	17.09	3.8
	31 °C	10.44	2.09	12.45	2.68	14.46	3.34	15.46	3.71	16.06	3.89	16.37	3.92	16.77	3.96
	33 °C	10.43	2.22	12.44	2.86	14.44	3.57	15.45	3.96	15.75	4.03	16.15	4.07	16.55	4.1
	35 °C	10.4	2.37	12.4	3.04	14.4	3.81	15.3	4.17	15.5	4.19	15.8	4.22	16.2	4.26
	37 °C	10.09	2.51	12.03	3.24	13.97	4.06	14.55	4.32	14.74	4.33	15.13	4.37	15.52	4.41
	39 °C	9.88	2.68	11.78	3.45	13.68	4.33	14.06	4.46	14.25	4.48	14.63	4.52	14.92	4.56
	42 °C	9.88	2.84	11.78	3.67	13.68	4.59	13.87	4.61	14.06	4.62	14.44	4.68	14.63	4.7
	44 °C	9.88	3	11.78	3.88	13.68	4.86	13.68	4.75	13.87	4.77	14.25	4.83	14.35	4.85
	46 °C	9.88	3.16	11.78	4.09	13.68	5.12	13.49	4.9	13.68	4.92	14.06	4.98	14.06	4.99

Combi. (%)	Outdoor Temperature (°C)	Indoor Temperature (°C,WB)													
		14.0 °C		16.0 °C		18.0 °C		19.0 °C		20.0 °C		22.0 °C		24.0 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100 %	10 °C	9.59	1.26	11.47	1.52	13.3	1.8	14.21	1.95	15.12	2.1	16.95	2.4	18.88	2.7
	12 °C	9.58	1.28	11.46	1.56	13.28	1.84	14.2	1.99	15.11	2.14	16.93	2.44	18.86	2.75
	14 °C	9.57	1.3	11.45	1.58	13.27	1.87	14.18	2.03	15.09	2.18	16.92	2.49	18.74	2.79
	16 °C	9.56	1.32	11.44	1.62	13.26	1.91	14.17	2.07	15.08	2.22	16.9	2.54	18.42	2.83
	18 °C	9.55	1.35	11.42	1.64	13.24	1.95	14.15	2.11	15.06	2.27	16.88	2.68	18.2	2.97
	20 °C	9.54	1.38	11.41	1.68	13.23	2.01	14.14	2.21	15.05	2.43	16.87	2.89	17.88	3.12
	21 °C	9.54	1.39	11.4	1.69	13.22	2.08	14.13	2.29	15.03	2.51	16.85	2.99	17.76	3.2
	23 °C	9.53	1.43	11.39	1.8	13.2	2.23	14.11	2.45	15.02	2.7	16.83	3.21	17.54	3.34
	25 °C	9.52	1.52	11.38	1.93	13.19	2.38	14.1	2.63	15	2.89	16.82	3.44	17.22	3.49
	27 °C	9.51	1.62	11.37	2.06	13.18	2.55	14.08	2.81	14.99	3.09	16.6	3.61	17	3.63
	29 °C	9.5	1.73	11.36	2.2	13.17	2.72	14.07	3.01	14.97	3.3	16.38	3.75	16.68	3.78
	31 °C	9.49	1.84	11.35	2.34	13.15	2.91	14.06	3.21	14.96	3.53	16.06	3.9	16.47	3.92
	33 °C	9.48	1.96	11.33	2.49	13.14	3.09	14.04	3.42	14.94	3.77	15.85	4.04	16.15	4.08
	35 °C	9.45	2.08	11.3	2.65	13.1	3.3	14	3.68	14.9	4.02	15.5	4.19	15.9	4.22
	37 °C	9.17	2.21	10.96	2.82	12.71	3.51	13.58	3.89	14.45	4.28	14.84	4.34	15.13	4.38
	39 °C	8.98	2.34	10.74	3	12.45	3.74	13.3	4.15	13.97	4.45	14.25	4.49	14.63	4.52
	42 °C	8.98	2.48	10.74	3.18	12.45	3.97	13.3	4.4	13.78	4.62	13.97	4.63	14.44	4.67
	44 °C	8.98	2.62	10.74	3.36	12.45	4.21	13.3	4.66	13.59	4.8	13.68	4.78	14.25	4.81
	46 °C	8.98	2.75	10.74	3.54	12.45	4.44	13.3	4.92	13.4	4.97	13.4	4.92	14.06	4.96
90%	10 °C	8.63	1.13	10.25	1.36	11.98	1.61	12.79	1.73	13.6	1.86	15.33	2.12	16.95	2.39
	12 °C	8.62	1.15	10.24	1.38	11.97	1.63	12.78	1.76	13.59	1.9	15.31	2.16	16.93	2.44
	14 °C	8.61	1.16	10.23	1.41	11.95	1.67	12.76	1.8	13.57	1.93	15.3	2.21	16.92	2.49
	16 °C	8.6	1.19	10.22	1.44	11.94	1.69	12.75	1.83	13.56	1.97	15.28	2.25	16.9	2.53
	18 °C	8.59	1.21	10.21	1.46	11.93	1.73	12.74	1.86	13.55	2.01	15.27	2.29	16.88	2.68
	20 °C	8.59	1.23	10.2	1.49	11.92	1.76	12.73	1.91	13.53	2.09	15.25	2.46	16.87	2.88
	21 °C	8.58	1.24	10.19	1.5	11.91	1.8	12.71	1.97	13.52	2.15	15.24	2.56	16.85	2.98
	23 °C	8.57	1.27	10.18	1.56	11.89	1.91	12.7	2.11	13.51	2.31	15.22	2.74	16.83	3.21
	25 °C	8.56	1.33	10.17	1.67	11.88	2.05	12.69	2.26	13.49	2.47	15.21	2.93	16.82	3.44
	27 °C	8.55	1.42	10.16	1.78	11.87	2.19	12.68	2.41	13.48	2.64	15.19	3.14	16.6	3.61
	29 °C	8.54	1.5	10.15	1.9	11.86	2.33	12.66	2.57	13.47	2.82	15.18	3.35	16.38	3.75
	31 °C	8.53	1.61	10.14	2.03	11.85	2.49	12.65	2.74	13.45	3.01	15.16	3.58	16.06	3.9
	33 °C	8.53	1.7	10.13	2.15	11.84	2.66	12.64	2.92	13.44	3.21	15.15	3.82	15.85	4.04
	35 °C	8.5	1.8	10.1	2.29	11.8	2.83	12.6	3.12	13.4	3.43	15.1	4.08	15.5	4.19
	37 °C	8.25	1.91	9.8	2.44	11.45	3.01	12.22	3.33	13	3.65	14.55	4.31	14.84	4.34
	39 °C	8.08	2.03	9.6	2.58	11.21	3.21	11.97	3.54	12.73	3.89	13.97	4.45	14.25	4.49
	42 °C	8.08	2.15	9.6	2.73	11.21	3.4	11.97	3.75	12.73	4.13	13.68	4.6	13.97	4.63
	44 °C	8.08	2.27	9.6	2.87	11.21	3.6	11.97	3.97	12.73	4.37	13.4	4.74	13.68	4.78
	46 °C	8.08	2.39	9.6	3.02	11.21	3.8	11.97	4.18	12.73	4.61	13.11	4.89	13.4	4.92
80%	10 °C	7.67	1	9.16	1.2	10.66	1.4	11.37	1.51	12.08	1.62	13.6	1.85	15.02	2.09
	12 °C	7.67	1.02	9.15	1.21	10.65	1.43	11.36	1.54	12.07	1.66	13.59	1.89	15.01	2.13
	14 °C	7.66	1.03	9.14	1.24	10.64	1.46	11.35	1.57	12.05	1.68	13.57	1.92	14.99	2.17
	16 °C	7.65	1.05	9.13	1.27	10.63	1.49	11.33	1.6	12.04	1.72	13.56	1.97	14.98	2.21
	18 °C	7.64	1.07	9.12	1.28	10.62	1.51	11.32	1.63	12.03	1.75	13.55	2	14.96	2.26
	20 °C	7.64	1.09	9.11	1.31	10.61	1.54	11.31	1.67	12.02	1.79	13.53	2.08	14.95	2.41
	21 °C	7.63	1.09	9.1	1.32	10.59	1.56	11.3	1.68	12.01	1.82	13.52	2.15	14.93	2.5
	23 °C	7.62	1.12	9.09	1.34	10.58	1.63	11.29	1.79	12	1.95	13.51	2.3	14.92	2.68
	25 °C	7.61	1.15	9.08	1.44	10.57	1.74	11.28	1.91	11.98	2.09	13.49	2.46	14.9	2.87
	27 °C	7.61	1.22	9.07	1.53	10.56	1.86	11.27	2.04	11.97	2.23	13.48	2.63	14.89	3.07
	29 °C	7.6	1.3	9.07	1.62	10.55	1.98	11.26	2.18	11.96	2.38	13.47	2.81	14.87	3.28
	31 °C	7.59	1.38	9.06	1.73	10.54	2.11	11.24	2.32	11.95	2.54	13.45	3	14.86	3.5
	33 °C	7.58	1.47	9.05	1.84	10.53	2.25	11.23	2.47	11.94	2.7	13.44	3.2	14.84	3.74
	35 °C	7.56	1.56	9.02	1.95	10.5	2.39	11.2	2.63	11.9	2.88	13.4	3.41	14.8	3.99
	37 °C	7.33	1.65	8.75	2.07	10.19	2.55	10.86	2.8	11.54	3.06	13	3.63	14.36	4.26
	39 °C	7.18	1.75	8.57	2.2	9.98	2.7	10.64	2.97	11.31	3.27	12.73	3.87	13.97	4.45
	42 °C	7.18	1.85	8.57	2.33	9.98	2.86	10.64	3.15	11.31	3.47	12.73	4.11	13.87	4.65
	44 °C	7.18	1.96	8.57	2.45	9.98	3.01	10.64	3.33	11.31	3.68	12.73	4.35	13.78	4.85
	46 °C	7.18	2.06	8.57	2.58	9.98	3.16	10.64	3.51	11.31	3.88	12.73	4.59	13.68	5.04

1 Capacity table

1-2. RD050MHXEA, RD050MHXGA

1) Cooling

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)	Indoor Temperature (°C,WB)													
		14.0 °C		16.0 °C		18.0 °C		19.0 °C		20.0 °C		22.0 °C		24.0 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10 °C	6.71	0.88	8.01	1.04	9.3	1.21	9.95	1.31	10.56	1.4	11.88	1.59	13.2	1.79
	12 °C	6.7	0.89	8	1.06	9.29	1.24	9.94	1.33	10.55	1.43	11.86	1.62	13.18	1.82
	14 °C	6.7	0.91	7.99	1.08	9.28	1.26	9.93	1.36	10.54	1.45	11.85	1.65	13.17	1.85
	16 °C	6.69	0.92	7.98	1.09	9.27	1.28	9.92	1.38	10.52	1.48	11.84	1.68	13.16	1.9
	18 °C	6.68	0.93	7.98	1.12	9.26	1.31	9.91	1.4	10.51	1.5	11.83	1.72	13.14	1.93
	20 °C	6.68	0.95	7.97	1.14	9.25	1.33	9.9	1.44	10.5	1.54	11.82	1.75	13.13	1.98
	21 °C	6.67	0.96	7.96	1.15	9.24	1.34	9.89	1.44	10.49	1.56	11.81	1.78	13.12	2.06
	23 °C	6.66	0.97	7.95	1.17	9.23	1.37	9.88	1.5	10.48	1.62	11.79	1.91	13.1	2.21
	25 °C	6.66	0.99	7.95	1.21	9.22	1.46	9.87	1.6	10.47	1.74	11.78	2.03	13.09	2.36
	27 °C	6.65	1.05	7.94	1.29	9.21	1.56	9.86	1.7	10.46	1.85	11.77	2.17	13.08	2.52
	29 °C	6.64	1.11	7.93	1.38	9.21	1.66	9.85	1.81	10.45	1.97	11.76	2.32	13.07	2.69
	31 °C	6.64	1.18	7.92	1.46	9.2	1.77	9.84	1.93	10.44	2.1	11.75	2.47	13.05	2.87
	33 °C	6.63	1.26	7.91	1.55	9.19	1.88	9.83	2.05	10.43	2.24	11.74	2.63	13.04	3.06
	35 °C	6.61	1.32	7.89	1.64	9.16	1.99	9.8	2.18	10.4	2.38	11.7	2.8	13	3.26
	37 °C	6.41	1.4	7.65	1.74	8.89	2.12	9.51	2.32	10.09	2.53	11.35	2.98	12.61	3.47
60%	39 °C	6.28	1.49	7.5	1.85	8.7	2.25	9.31	2.46	9.88	2.69	11.12	3.17	12.35	3.7
	42 °C	6.28	1.57	7.5	1.95	8.7	2.38	9.31	2.61	9.88	2.86	11.12	3.36	12.35	3.93
	44 °C	6.28	1.66	7.5	2.05	8.7	2.5	9.31	2.75	9.88	3.02	11.12	3.55	12.35	4.16
	46 °C	6.28	1.74	7.5	2.15	8.7	2.63	9.31	2.9	9.88	3.18	11.12	3.74	12.35	4.39
	10 °C	5.76	0.76	6.86	0.9	7.97	1.03	8.53	1.11	9.08	1.19	10.15	1.34	11.27	1.5
	12 °C	5.75	0.78	6.85	0.91	7.96	1.05	8.52	1.13	9.08	1.21	10.14	1.37	11.26	1.53
	14 °C	5.74	0.79	6.85	0.92	7.95	1.08	8.51	1.15	9.07	1.23	10.13	1.39	11.24	1.56
	16 °C	5.74	0.79	6.84	0.94	7.94	1.09	8.5	1.17	9.06	1.25	10.12	1.42	11.23	1.59
	18 °C	5.73	0.81	6.83	0.96	7.94	1.11	8.49	1.19	9.05	1.27	10.11	1.44	11.22	1.62
	20 °C	5.73	0.82	6.83	0.97	7.93	1.13	8.48	1.21	9.04	1.3	10.1	1.47	11.21	1.65
	21 °C	5.72	0.83	6.82	0.98	7.92	1.14	8.48	1.22	9.03	1.31	10.09	1.49	11.2	1.67
	23 °C	5.72	0.85	6.81	1	7.91	1.16	8.47	1.25	9.02	1.33	10.08	1.55	11.19	1.78
	25 °C	5.71	0.85	6.81	1.02	7.9	1.21	8.46	1.31	9.01	1.42	10.07	1.65	11.18	1.9
	27 °C	5.7	0.89	6.8	1.08	7.9	1.28	8.45	1.39	9	1.51	10.06	1.76	11.17	2.03
	29 °C	5.7	0.94	6.79	1.15	7.89	1.37	8.44	1.49	8.99	1.61	10.05	1.87	11.16	2.15
	31 °C	5.69	1	6.79	1.21	7.88	1.45	8.43	1.58	8.99	1.71	10.04	1.99	11.14	2.3
50%	33 °C	5.69	1.05	6.78	1.28	7.87	1.54	8.43	1.68	8.98	1.82	10.03	2.12	11.13	2.44
	35 °C	5.67	1.11	6.76	1.36	7.85	1.63	8.4	1.78	8.95	1.93	10	2.26	11.1	2.61
	37 °C	5.5	1.18	6.56	1.44	7.61	1.74	8.15	1.89	8.68	2.05	9.7	2.4	10.77	2.77
	39 °C	5.39	1.25	6.42	1.52	7.46	1.84	7.98	2	8.5	2.18	9.5	2.55	10.55	2.95
	42 °C	5.39	1.32	6.42	1.6	7.46	1.94	7.98	2.11	8.5	2.31	9.5	2.69	10.55	3.13
	44 °C	5.39	1.38	6.42	1.68	7.46	2.04	7.98	2.22	8.5	2.44	9.5	2.84	10.55	3.31
	46 °C	5.39	1.45	6.42	1.75	7.46	2.15	7.98	2.33	8.5	2.56	9.5	2.98	10.55	3.49
	10 °C	4.79	0.66	5.71	0.76	6.64	0.87	7.11	0.92	7.57	0.98	8.5	1.11	9.42	1.23
	12 °C	4.79	0.67	5.71	0.77	6.63	0.88	7.1	0.94	7.56	1	8.49	1.13	9.41	1.26
	14 °C	4.78	0.68	5.7	0.79	6.63	0.9	7.09	0.96	7.56	1.02	8.48	1.15	9.4	1.27
	16 °C	4.78	0.68	5.7	0.79	6.62	0.91	7.08	0.97	7.55	1.03	8.47	1.16	9.39	1.3
	18 °C	4.77	0.69	5.69	0.8	6.61	0.92	7.08	0.99	7.54	1.05	8.46	1.19	9.38	1.32
	20 °C	4.77	0.7	5.69	0.82	6.61	0.94	7.07	1.01	7.53	1.07	8.45	1.21	9.37	1.35
	21 °C	4.76	0.71	5.68	0.83	6.6	0.95	7.06	1.02	7.53	1.08	8.45	1.22	9.36	1.36
	23 °C	4.76	0.72	5.68	0.84	6.59	0.97	7.06	1.03	7.52	1.1	8.44	1.24	9.35	1.39
	25 °C	4.75	0.73	5.67	0.85	6.59	0.98	7.05	1.05	7.51	1.14	8.43	1.31	9.34	1.49
	27 °C	4.75	0.74	5.66	0.88	6.58	1.03	7.04	1.12	7.5	1.21	8.42	1.38	9.34	1.58
	29 °C	4.74	0.79	5.66	0.93	6.57	1.1	7.04	1.19	7.5	1.28	8.41	1.48	9.33	1.68
	31 °C	4.74	0.83	5.65	0.99	6.57	1.17	7.03	1.27	7.49	1.36	8.4	1.57	9.32	1.8
	33 °C	4.73	0.87	5.65	1.05	6.56	1.24	7.02	1.34	7.48	1.44	8.4	1.67	9.31	1.91
	35 °C	4.72	0.92	5.63	1.11	6.54	1.31	7	1.42	7.46	1.53	8.37	1.77	9.28	2.03
	37 °C	4.58	0.97	5.46	1.17	6.34	1.38	6.79	1.5	7.24	1.62	8.12	1.88	9	2.15
	39 °C	4.48	1.03	5.35	1.24	6.21	1.47	6.65	1.59	7.09	1.72	7.95	1.99	8.82	2.28
	42 °C	4.48	1.08	5.35	1.31	6.21	1.56	6.65	1.68	7.09	1.81	7.95	2.1	8.82	2.41
	44 °C	4.48	1.13	5.35	1.38	6.21	1.64	6.65	1.76	7.09	1.91	7.95	2.21	8.82	2.54
	46 °C	4.48	1.18	5.35	1.44	6.21	1.73	6.65	1.85	7.09	2	7.95	2.33	8.82	2.67

2) Heating

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C, WB)									
			16.0 °C		18.0 °C		20.0 °C		22.0 °C		24.0 °C	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130 %	-20	-21	11.43	3.16	11.33	3.34	11.33	3.53	11.33	3.72	11.23	3.91
	-17	-18	12.46	3.44	12.36	3.61	12.36	3.79	12.26	3.96	12.26	4.13
	-15	-16	13.08	3.71	13.08	3.88	12.98	4.05	12.98	4.21	12.98	4.38
	-12	-13	13.8	3.87	13.7	4.03	13.7	4.18	13.7	4.35	13.6	4.5
	-10	-11	14.42	4.01	14.42	4.16	14.42	4.31	14.32	4.46	14.32	4.61
	-7	-8	15.66	4.06	15.55	4.2	15.55	4.33	15.45	4.47	15.45	4.6
	-5	-6	16.27	4.17	16.27	4.3	16.17	4.42	16.17	4.56	16.17	4.69
	-3	-4	16.89	4.06	16.89	4.18	16.89	4.3	16.79	4.41	16.79	4.53
	0	-1	17.92	4.18	17.92	4.3	17.82	4.41	17.82	4.52	17.82	4.63
	3	2.2	18.95	4.3	18.85	4.4	18.85	4.5	18.85	4.62	18.64	4.67
	5	4.1	19.57	4.36	19.57	4.47	19.47	4.57	19.47	4.67	18.64	4.48
	7	6	20.19	4.38	20.19	4.48	20.19	4.58	20.09	4.65	18.64	4.26
	9	7.9	20.91	4.39	20.81	4.49	20.81	4.58	20.09	4.42	18.64	4.06
	11	9.8	21.53	4.45	21.42	4.54	21.42	4.62	20.09	4.26	18.64	3.91
	13	12	22.15	4.5	22.15	4.59	21.42	4.45	20.09	4.1	18.64	3.76
120%	15	14	22.87	4.55	22.76	4.63	21.42	4.29	20.09	3.95	18.64	3.63
	-20	-21	11.33	3.4	11.33	3.58	11.33	3.75	11.23	3.93	11.23	4.1
	-17	-18	12.36	3.67	12.36	3.83	12.26	3.99	12.26	4.15	12.26	4.31
	-15	-16	13.08	3.94	12.98	4.09	12.98	4.24	12.98	4.4	12.88	4.56
	-12	-13	13.7	4.08	13.7	4.22	13.7	4.38	13.6	4.52	13.6	4.67
	-10	-11	14.42	4.21	14.32	4.35	14.32	4.49	14.32	4.63	14.21	4.78
	-7	-8	15.55	4.25	15.55	4.37	15.45	4.49	15.45	4.62	15.45	4.75
	-5	-6	16.27	4.34	16.17	4.46	16.17	4.58	16.17	4.7	16.07	4.82
	-3	-4	16.89	4.22	16.89	4.33	16.79	4.44	16.79	4.55	16.79	4.65
	0	-1	17.92	4.33	17.82	4.44	17.82	4.54	17.82	4.64	17.2	4.53
	3	2.2	18.85	4.44	18.85	4.54	18.85	4.63	18.54	4.62	17.2	4.23
	5	4.1	19.57	4.5	19.47	4.6	19.47	4.69	18.54	4.43	17.2	4.06
	7	6	20.19	4.51	20.09	4.61	19.78	4.58	18.54	4.22	17.2	3.86
	9	7.9	20.81	4.52	20.81	4.61	19.78	4.35	18.54	4.01	17.2	3.68
	11	9.8	21.42	4.57	21.01	4.52	19.78	4.19	18.54	3.86	17.2	3.55
110%	13	12	22.15	4.62	21.01	4.35	19.78	4.03	18.54	3.72	17.2	3.42
	15	14	22.35	4.51	21.01	4.2	19.78	3.89	18.54	3.6	17.2	3.3
	-20	-21	11.33	3.66	11.23	3.82	11.23	3.98	11.23	4.14	11.12	4.3
	-17	-18	12.36	3.91	12.26	4.05	12.26	4.2	12.26	4.35	12.15	4.5
	-15	-16	12.98	4.16	12.98	4.31	12.98	4.45	12.88	4.59	12.88	4.73
	-12	-13	13.7	4.3	13.6	4.43	13.6	4.56	13.6	4.7	13.6	4.84
	-10	-11	14.32	4.42	14.32	4.54	14.32	4.67	14.21	4.81	14.21	4.93
	-7	-8	15.55	4.42	15.45	4.54	15.45	4.66	15.45	4.77	15.35	4.89
	-5	-6	16.17	4.52	16.17	4.63	16.07	4.74	16.07	4.85	15.76	4.83
	-3	-4	16.79	4.38	16.79	4.47	16.79	4.58	16.69	4.68	15.76	4.38
	0	-1	17.82	4.48	17.82	4.58	17.82	4.67	17	4.44	15.76	4.07
	3	2.2	18.85	4.58	18.75	4.67	18.13	4.5	17	4.16	15.76	3.81
	5	4.1	19.47	4.63	19.26	4.67	18.13	4.32	17	3.98	15.76	3.66
	7	6	20.09	4.64	19.26	4.44	18.13	4.11	17	3.79	15.76	3.48
	9	7.9	20.5	4.54	19.26	4.22	18.13	3.91	17	3.61	15.76	3.32
	11	9.8	20.5	4.37	19.26	4.06	18.13	3.77	17	3.48	15.76	3.2
	13	12	20.5	4.2	19.26	3.91	18.13	3.63	17	3.36	15.76	3.09
	15	14	20.5	4.06	19.26	3.78	18.13	3.5	17	3.25	15.76	2.99

1 Capacity table

1-2. RD050MHXEA, RD050MHXGA

2) Heating

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C, WB)									
			16.0 °C		18.0 °C		20.0 °C		22.0 °C		24.0 °C	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100 %	-20	-21	11.23	3.82	11.23	3.95	11.23	4.1	11.12	4.23	11.12	4.38
	-17	-18	12.26	4.03	12.26	4.16	12.14	4.29	12.15	4.41	12.15	4.55
	-15	-16	12.98	4.27	12.88	4.4	12.75	4.53	12.88	4.65	12.88	4.78
	-12	-13	13.6	4.39	13.6	4.51	13.46	4.63	13.49	4.75	13.49	4.87
	-10	-11	14.32	4.5	14.32	4.61	14.08	4.73	14.21	4.84	14.21	4.96
	-7	-8	15.45	4.49	15.45	4.59	15.05	4.69	15.35	4.79	14.32	4.41
	-5	-6	16.17	4.56	16.07	4.66	15.76	4.77	15.45	4.56	14.32	4.18
	-3	-4	16.79	4.42	16.79	4.5	16	4.49	15.45	4.14	14.32	3.79
	0	-1	17.82	4.51	17.51	4.5	16	4.17	15.45	3.85	14.32	3.53
	3	2.2	18.64	4.53	17.51	4.21	16	3.9	15.45	3.6	14.32	3.31
	5	4.1	18.64	4.34	17.51	4.04	16	3.75	15.45	3.46	14.32	3.18
	7	6	18.64	4.12	17.51	3.84	16	3.61	15.45	3.29	14.32	3.03
	9	7.9	18.64	3.93	17.51	3.66	16.16	3.39	15.45	3.14	14.32	2.89
	11	9.8	18.64	3.79	17.51	3.53	16.16	3.28	15.45	3.03	14.32	2.8
	13	12	18.64	3.64	17.51	3.39	16.16	3.16	15.45	2.92	14.32	2.7
90%	15	14	18.64	3.52	17.51	3.29	16.16	3.05	15.45	2.83	14.32	2.61
	-20	-21	11.23	4.17	11.12	4.3	11.12	4.43	11.12	4.56	11.12	4.69
	-17	-18	12.26	4.38	12.15	4.5	12.15	4.61	12.15	4.73	12.15	4.85
	-15	-16	12.88	4.62	12.88	4.73	12.88	4.85	12.77	4.97	12.77	5.08
	-12	-13	13.6	4.72	13.6	4.84	13.49	4.95	13.49	5.06	12.88	4.84
	-10	-11	14.21	4.83	14.21	4.93	14.21	5.03	13.91	4.97	12.88	4.55
	-7	-8	15.45	4.8	15.35	4.89	14.83	4.72	13.91	4.34	12.88	3.96
	-5	-6	16.07	4.87	15.76	4.83	14.83	4.46	13.91	4.12	12.88	3.78
	-3	-4	16.69	4.7	15.76	4.37	14.83	4.05	13.91	3.74	12.88	3.44
	0	-1	16.79	4.36	15.76	4.06	14.83	3.77	13.91	3.48	12.88	3.2
	3	2.2	16.79	4.08	15.76	3.8	14.83	3.53	13.91	3.27	12.88	3.01
	5	4.1	16.79	3.92	15.76	3.65	14.83	3.39	13.91	3.15	12.88	2.89
	7	6	16.79	3.73	15.76	3.48	14.83	3.23	13.91	2.99	12.88	2.76
	9	7.9	16.79	3.55	15.76	3.31	14.83	3.08	13.91	2.86	12.88	2.64
	11	9.8	16.79	3.43	15.76	3.2	14.83	2.98	13.91	2.76	12.88	2.55
80%	13	12	16.79	3.3	15.76	3.08	14.83	2.87	13.91	2.67	12.88	2.47
	15	14	16.79	3.19	15.76	2.98	14.83	2.78	13.91	2.58	12.88	2.39
	-20	-21	11.12	4.43	11.12	4.54	11.12	4.65	11.12	4.77	11.02	4.89
	-17	-18	12.15	4.6	12.15	4.71	12.15	4.82	12.05	4.92	11.54	4.65
	-15	-16	12.88	4.85	12.77	4.95	12.77	5.05	12.36	4.88	11.54	4.47
	-12	-13	13.49	4.94	13.49	5.04	13.18	4.96	12.36	4.57	11.54	4.19
	-10	-11	14.21	5.03	14.01	5.04	13.18	4.66	12.36	4.31	11.54	3.95
	-7	-8	14.83	4.73	14.01	4.4	13.18	4.08	12.36	3.76	11.54	3.47
	-5	-6	14.83	4.48	14.01	4.18	13.18	3.87	12.36	3.58	11.54	3.29
	-3	-4	14.83	4.06	14.01	3.79	13.18	3.52	12.36	3.25	11.54	3
	0	-1	14.83	3.78	14.01	3.53	13.18	3.28	12.36	3.03	11.54	2.8
	3	2.2	14.83	3.55	14.01	3.3	13.18	3.08	12.36	2.86	11.54	2.64
	5	4.1	14.83	3.41	14.01	3.18	13.18	2.96	12.36	2.74	11.54	2.54
	7	6	14.83	3.24	14.01	3.03	13.18	2.83	12.36	2.62	11.54	2.43
	9	7.9	14.83	3.09	14.01	2.89	13.18	2.7	12.36	2.5	11.54	2.32
	11	9.8	14.83	2.99	14.01	2.8	13.18	2.61	12.36	2.42	11.54	2.25
	13	12	14.83	2.88	14.01	2.7	13.18	2.51	12.36	2.34	11.54	2.17
	15	14	14.83	2.79	14.01	2.61	13.18	2.44	12.36	2.27	11.54	2.1

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C,WB)									
			16.0 °C		18.0 °C		20.0 °C		22.0 °C		24.0 °C	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70 %	-20	-21	11.12	4.67	11.12	4.78	11.02	4.88	10.82	4.81	10.05	4.41
	-17	-18	12.15	4.84	12.05	4.93	11.54	4.67	10.82	4.31	10.05	3.95
	-15	-16	12.77	5.07	12.26	4.85	11.54	4.49	10.82	4.14	10.05	3.81
	-12	-13	12.98	4.89	12.26	4.54	11.54	4.21	10.82	3.89	10.05	3.58
	-10	-11	12.98	4.59	12.26	4.28	11.54	3.97	10.82	3.66	10.05	3.38
	-7	-8	12.98	4.02	12.26	3.75	11.54	3.48	10.82	3.22	10.05	2.97
	-5	-6	12.98	3.81	12.26	3.56	11.54	3.31	10.82	3.07	10.05	2.83
	-3	-4	12.98	3.46	12.26	3.24	11.54	3.01	10.82	2.79	10.05	2.58
	0	-1	12.98	3.23	12.26	3.02	11.54	2.82	10.82	2.61	10.05	2.42
	3	2.2	12.98	3.03	12.26	2.84	11.54	2.65	10.82	2.46	10.05	2.27
	5	4.1	12.98	2.92	12.26	2.73	11.54	2.55	10.82	2.37	10.05	2.2
	7	6	12.98	2.78	12.26	2.6	11.54	2.44	10.82	2.27	10.05	2.1
	9	7.9	12.98	2.66	12.26	2.5	11.54	2.33	10.82	2.17	10.05	2.01
	11	9.8	12.98	2.57	12.26	2.41	11.54	2.26	10.82	2.1	10.05	1.95
	13	12	12.98	2.49	12.26	2.33	11.54	2.18	10.82	2.04	10.05	1.89
60%	15	14	12.98	2.4	12.26	2.26	11.54	2.11	10.82	1.97	10.05	1.83
	-20	-21	11.02	4.93	10.51	4.66	9.89	4.32	9.25	3.98	8.62	3.66
	-17	-18	11.12	4.49	10.51	4.18	9.89	3.87	9.25	3.58	8.62	3.29
	-15	-16	11.12	4.31	10.51	4.02	9.89	3.73	9.25	3.45	8.62	3.18
	-12	-13	11.12	4.05	10.51	3.78	9.89	3.51	9.25	3.26	8.62	3
	-10	-11	11.12	3.82	10.51	3.56	9.89	3.32	9.25	3.07	8.62	2.84
	-7	-8	11.12	3.35	10.51	3.13	9.89	2.92	9.25	2.71	8.62	2.51
	-5	-6	11.12	3.18	10.51	2.98	9.89	2.78	9.25	2.59	8.62	2.39
	-3	-4	11.12	2.9	10.51	2.71	9.89	2.54	9.25	2.36	8.62	2.18
	0	-1	11.12	2.71	10.51	2.54	9.89	2.38	9.25	2.21	8.62	2.05
	3	2.2	11.12	2.56	10.51	2.4	9.89	2.24	9.25	2.09	8.62	1.94
	5	4.1	11.12	2.46	10.51	2.31	9.89	2.16	9.25	2.01	8.62	1.87
	7	6	11.12	2.34	10.51	2.21	9.89	2.07	9.25	1.93	8.62	1.8
	9	7.9	11.12	2.25	10.51	2.11	9.89	1.98	9.25	1.84	8.62	1.72
	11	9.8	11.12	2.17	10.51	2.05	9.89	1.92	9.25	1.79	8.62	1.67
50%	13	12	11.12	2.1	10.51	1.98	9.89	1.85	9.25	1.73	8.62	1.61
	15	14	11.12	2.05	10.51	1.92	9.89	1.81	9.25	1.69	8.62	1.58
	-20	-21	9.3	4.01	8.77	3.74	8.24	3.47	7.71	3.22	7.18	2.97
	-17	-18	9.3	3.6	8.77	3.36	8.24	3.14	7.71	2.91	7.18	2.69
	-15	-16	9.3	3.47	8.77	3.24	8.24	3.02	7.71	2.81	7.18	2.6
	-12	-13	9.3	3.27	8.77	3.06	8.24	2.86	7.71	2.65	7.18	2.46
	-10	-11	9.3	3.09	8.77	2.9	8.24	2.7	7.71	2.51	7.18	2.33
	-7	-8	9.3	2.72	8.77	2.56	8.24	2.39	7.71	2.22	7.18	2.06
	-5	-6	9.3	2.6	8.77	2.44	8.24	2.28	7.71	2.12	7.18	1.98
	-3	-4	9.3	2.37	8.77	2.23	8.24	2.08	7.71	1.95	7.18	1.81
	0	-1	9.3	2.22	8.77	2.09	8.24	1.96	7.71	1.83	7.18	1.7
	3	2.2	9.3	2.1	8.77	1.98	8.24	1.85	7.71	1.73	7.18	1.62
	5	4.1	9.3	2.02	8.77	1.91	8.24	1.79	7.71	1.68	7.18	1.56
	7	6	9.3	1.94	8.77	1.83	8.24	1.71	7.71	1.6	7.18	1.5
	9	7.9	9.3	1.85	8.77	1.75	8.24	1.64	7.71	1.54	7.18	1.44
	11	9.8	9.3	1.8	8.77	1.7	8.24	1.6	7.71	1.5	7.18	1.4
	13	12	9.3	1.74	8.77	1.64	8.24	1.55	7.71	1.45	7.18	1.36
	15	14	9.3	1.7	8.77	1.6	8.24	1.5	7.71	1.41	7.18	1.32

1 Capacity table

1-3. RD060MHXEA, RD060MHXGA

1) Cooling

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)	Indoor Temperature (°C,WB)													
		14.0 °C		16.0 °C		18.0 °C		19.0 °C		20.0 °C		22.0 °C		24.0 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10 °C	13.8	1.98	16.44	2.43	19.08	2.89	20.5	3.12	20.71	3.06	21.21	2.93	21.72	2.79
	12 °C	13.79	2.02	16.43	2.47	19.06	2.94	20.18	3.1	20.38	3.04	20.89	2.91	21.4	2.86
	14 °C	13.78	2.06	16.41	2.52	19.04	3	19.85	3.09	20.16	3.02	20.67	3	21.17	3.02
	16 °C	13.76	2.1	16.39	2.58	19.03	3.06	19.63	3.11	19.84	3.13	20.34	3.16	20.85	3.19
	18 °C	13.75	2.14	16.38	2.62	19.01	3.26	19.31	3.28	19.51	3.29	20.02	3.32	20.52	3.35
	20 °C	13.74	2.18	16.36	2.79	18.79	3.42	18.99	3.43	19.29	3.45	19.8	3.49	20.3	3.52
	21 °C	13.72	2.25	16.35	2.89	18.67	3.5	18.87	3.52	19.17	3.53	19.57	3.56	20.08	3.6
	23 °C	13.71	2.4	16.33	3.1	18.35	3.66	18.55	3.68	18.85	3.7	19.35	3.73	19.86	3.76
	25 °C	13.7	2.57	16.31	3.32	18.03	3.82	18.33	3.84	18.53	3.85	19.03	3.89	19.54	3.93
	27 °C	13.68	2.75	16.3	3.55	17.81	3.98	18.01	4	18.31	4.02	18.81	4.05	19.21	4.1
	29 °C	13.67	2.93	16.28	3.8	17.49	4.14	17.79	4.16	17.99	4.18	18.49	4.23	18.99	4.26
	31 °C	13.65	3.12	16.26	4.05	17.27	4.3	17.47	4.32	17.67	4.35	18.17	4.39	18.67	4.44
	33 °C	13.64	3.33	16.25	4.33	16.95	4.47	17.15	4.48	17.45	4.51	17.95	4.56	18.46	4.6
	35 °C	13.6	3.54	16.1	4.57	16.6	4.63	16.9	4.65	17.1	4.68	17.6	4.73	18.1	4.78
	37 °C	13.19	3.59	15.42	4.5	15.91	4.55	16.1	4.57	16.39	4.6	16.78	4.65	17.27	4.7
120%	39 °C	12.92	3.62	14.82	4.41	15.3	4.46	15.49	4.49	15.77	4.51	16.25	4.56	16.72	4.61
	42 °C	12.92	3.83	14.54	4.56	15.01	4.61	15.2	4.64	15.49	4.67	16.06	4.72	16.53	4.77
	44 °C	12.92	4.04	14.25	4.71	14.73	4.76	14.92	4.8	15.2	4.82	15.87	4.87	16.34	4.92
	46 °C	12.92	4.26	13.97	4.86	14.44	4.91	14.63	4.96	14.92	4.98	15.68	5.03	16.15	5.08
	10 °C	12.79	1.82	15.23	2.22	17.66	2.63	18.88	2.85	20.1	3.06	20.81	3.02	21.32	2.9
	12 °C	12.78	1.84	15.21	2.26	17.64	2.68	18.86	2.9	20.08	3.12	20.58	3	20.99	2.88
	14 °C	12.76	1.88	15.2	2.3	17.63	2.74	18.84	2.96	19.85	3.1	20.26	2.99	20.77	3
	16 °C	12.75	1.92	15.18	2.35	17.61	2.79	18.82	3.01	19.53	3.11	20.04	3.14	20.44	3.17
	18 °C	12.74	1.95	15.17	2.39	17.59	2.89	18.8	3.2	19.21	3.27	19.71	3.3	20.12	3.32
	20 °C	12.73	1.99	15.15	2.48	17.57	3.1	18.79	3.42	18.99	3.43	19.39	3.46	19.9	3.49
	21 °C	12.71	2.01	15.14	2.58	17.56	3.21	18.57	3.5	18.77	3.52	19.27	3.54	19.78	3.57
	23 °C	12.7	2.15	15.12	2.76	17.54	3.44	18.35	3.65	18.55	3.67	18.95	3.71	19.45	3.73
	25 °C	12.69	2.29	15.11	2.95	17.52	3.69	18.03	3.82	18.23	3.84	18.73	3.86	19.13	3.9
	27 °C	12.68	2.45	15.09	3.16	17.5	3.95	17.71	3.97	18.01	3.99	18.41	4.03	18.91	4.06
	29 °C	12.66	2.61	15.08	3.37	17.19	4.12	17.49	4.14	17.69	4.15	18.09	4.19	18.59	4.24
	31 °C	12.65	2.79	15.06	3.6	16.97	4.27	17.17	4.3	17.37	4.32	17.87	4.36	18.27	4.4
110%	33 °C	12.64	2.97	15.05	3.84	16.65	4.44	16.85	4.46	17.15	4.48	17.55	4.52	18.05	4.57
	35 °C	12.6	3.16	15	4.09	16.4	4.6	16.6	4.62	16.8	4.65	17.3	4.69	17.7	4.74
	37 °C	12.22	3.19	14.55	4.14	15.62	4.52	15.81	4.55	16.01	4.57	16.49	4.61	16.98	4.66
	39 °C	11.97	3.22	14.25	4.18	15.01	4.43	15.3	4.45	15.49	4.48	15.87	4.52	16.34	4.57
	42 °C	11.97	3.42	14.25	4.45	14.73	4.58	15.11	4.6	15.3	4.63	15.58	4.67	16.06	4.73
	44 °C	11.97	3.62	14.25	4.71	14.44	4.73	14.92	4.75	15.11	4.77	15.3	4.82	15.77	4.88
	46 °C	11.97	3.81	14.25	4.97	14.16	4.87	14.73	4.9	14.92	4.92	15.01	4.96	15.49	5.04
	10 °C	11.67	1.64	13.91	2.01	16.14	2.38	17.36	2.58	18.47	2.77	20.5	3.11	20.91	3
	12 °C	11.66	1.68	13.89	2.05	16.12	2.43	17.34	2.62	18.45	2.82	20.18	3.1	20.58	2.99
	14 °C	11.65	1.71	13.88	2.08	16.11	2.47	17.32	2.68	18.44	2.88	19.96	3.08	20.36	2.99
	16 °C	11.64	1.73	13.86	2.12	16.09	2.52	17.31	2.72	18.42	2.93	19.63	3.12	20.04	3.14
	18 °C	11.63	1.77	13.85	2.16	16.07	2.58	17.29	2.8	18.4	3.08	19.31	3.28	19.82	3.31
	20 °C	11.62	1.81	13.84	2.21	16.06	2.72	17.27	3.01	18.38	3.31	19.09	3.44	19.49	3.47
	21 °C	11.6	1.83	13.82	2.27	16.04	2.82	17.25	3.11	18.36	3.43	18.97	3.52	19.37	3.54
	23 °C	11.59	1.91	13.81	2.44	16.03	3.02	17.24	3.34	18.24	3.65	18.65	3.68	19.05	3.71
	25 °C	11.58	2.04	13.8	2.6	16.01	3.24	17.22	3.58	17.92	3.81	18.33	3.84	18.73	3.87
	27 °C	11.57	2.17	13.78	2.79	16	3.46	17.2	3.84	17.71	3.97	18.11	4	18.51	4.04
	29 °C	11.56	2.32	13.77	2.97	15.98	3.7	17.19	4.1	17.39	4.13	17.79	4.16	18.19	4.2
	31 °C	11.55	2.47	13.75	3.17	15.96	3.95	16.87	4.27	17.07	4.29	17.47	4.33	17.97	4.36
	33 °C	11.53	2.63	13.74	3.38	15.95	4.22	16.65	4.43	16.85	4.45	17.25	4.49	17.65	4.53
	35 °C	11.5	2.79	13.7	3.6	15.9	4.5	16.3	4.59	16.5	4.61	16.9	4.66	17.3	4.69
	37 °C	11.16	2.82	13.29	3.63	15.33	4.49	15.52	4.52	15.71	4.54	16.2	4.58	16.59	4.62
	39 °C	10.93	2.84	13.02	3.67	14.82	4.4	15.01	4.43	15.2	4.45	15.58	4.49	15.96	4.53
	42 °C	10.93	3.02	13.02	3.89	14.63	4.55	14.82	4.58	15.01	4.59	15.3	4.64	15.68	4.68
	44 °C	10.93	3.19	13.02	4.11	14.44	4.7	14.63	4.73	14.82	4.74	15.01	4.78	15.39	4.82
	46 °C	10.93	3.36	13.02	4.33	14.25	4.85	14.44	4.87	14.63	4.89	14.73	4.93	15.11	4.97

Combi. (%)	Outdoor Temperature (°C)	Indoor Temperature (°C,WB)													
		14.0 °C		16.0 °C		18.0 °C		19.0 °C		20.0 °C		22.0 °C		24.0 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
100 %	10 °C	10.66	1.49	12.69	1.8	14.72	2.14	15.73	2.3	16.75	2.48	18.78	2.83	20.5	3.1
	12 °C	10.65	1.51	12.68	1.84	14.7	2.17	15.72	2.35	16.73	2.53	18.76	2.89	20.28	3.09
	14 °C	10.64	1.53	12.66	1.87	14.69	2.22	15.7	2.39	16.71	2.58	18.74	2.94	19.96	3.07
	16 °C	10.63	1.56	12.65	1.9	14.67	2.26	15.69	2.44	16.7	2.62	18.72	3	19.63	3.12
	18 °C	10.62	1.6	12.64	1.94	14.66	2.3	15.67	2.49	16.68	2.68	18.7	3.17	19.41	3.28
	20 °C	10.61	1.63	12.63	1.98	14.65	2.37	15.66	2.61	16.67	2.87	18.69	3.42	19.09	3.44
	21 °C	10.59	1.64	12.61	2	14.63	2.46	15.64	2.7	16.65	2.97	18.57	3.5	18.97	3.52
	23 °C	10.58	1.68	12.6	2.13	14.62	2.63	15.62	2.9	16.63	3.19	18.24	3.65	18.65	3.68
	25 °C	10.57	1.8	12.59	2.27	14.6	2.81	15.61	3.1	16.62	3.42	18.03	3.82	18.43	3.84
	27 °C	10.56	1.92	12.58	2.43	14.59	3	15.59	3.32	16.6	3.65	17.71	3.97	18.11	4.01
	29 °C	10.55	2.04	12.56	2.59	14.57	3.21	15.58	3.55	16.58	3.9	17.49	4.14	17.79	4.16
	31 °C	10.54	2.17	12.55	2.77	14.56	3.42	15.56	3.79	16.57	4.16	17.17	4.29	17.57	4.33
	33 °C	10.53	2.31	12.54	2.94	14.54	3.65	15.55	4.05	16.55	4.42	16.85	4.46	17.25	4.49
	35 °C	10.5	2.46	12.5	3.13	14.5	3.9	15.5	4.31	16.2	4.58	16.6	4.62	16.9	4.66
	37 °C	10.19	2.47	12.13	3.17	14.07	3.95	15.04	4.36	15.42	4.51	15.81	4.55	16.2	4.58
90%	39 °C	9.98	2.49	11.88	3.19	13.78	3.98	14.73	4.4	14.92	4.41	15.2	4.45	15.58	4.5
	42 °C	9.98	2.64	11.88	3.38	13.78	4.22	14.73	4.66	14.73	4.55	14.92	4.6	15.3	4.65
	44 °C	9.98	2.79	11.88	3.57	13.78	4.45	14.73	4.92	14.54	4.69	14.63	4.75	15.01	4.81
	46 °C	9.98	2.93	11.88	3.76	13.78	4.69	14.73	5.19	14.35	4.83	14.35	4.9	14.73	4.96
	10 °C	9.55	1.33	11.37	1.61	13.2	1.89	14.21	2.05	15.12	2.19	16.95	2.51	18.78	2.83
	12 °C	9.54	1.35	11.36	1.63	13.18	1.93	14.2	2.08	15.11	2.24	16.93	2.56	18.76	2.88
	14 °C	9.53	1.38	11.35	1.66	13.17	1.96	14.18	2.12	15.09	2.28	16.92	2.6	18.74	2.93
	16 °C	9.52	1.4	11.33	1.69	13.16	2	14.17	2.16	15.08	2.32	16.9	2.66	18.72	3
	18 °C	9.51	1.42	11.32	1.73	13.14	2.04	14.15	2.2	15.06	2.37	16.88	2.71	18.7	3.16
	20 °C	9.5	1.45	11.31	1.75	13.13	2.08	14.14	2.25	15.05	2.46	16.87	2.91	18.69	3.4
	21 °C	9.49	1.46	11.3	1.77	13.12	2.12	14.13	2.33	15.03	2.55	16.85	3.01	18.57	3.5
	23 °C	9.49	1.49	11.29	1.84	13.1	2.26	14.11	2.49	15.02	2.73	16.83	3.23	18.24	3.65
	25 °C	9.48	1.57	11.28	1.97	13.09	2.42	14.1	2.67	15	2.92	16.82	3.46	18.03	3.82
	27 °C	9.47	1.67	11.27	2.1	13.08	2.58	14.08	2.85	14.99	3.12	16.8	3.71	17.71	3.97
	29 °C	9.46	1.78	11.26	2.25	13.07	2.76	14.07	3.04	14.97	3.33	16.78	3.96	17.39	4.14
	31 °C	9.45	1.89	11.24	2.38	13.05	2.94	14.06	3.24	14.96	3.55	16.77	4.23	17.17	4.29
80%	33 °C	9.44	2.01	11.23	2.54	13.04	3.13	14.04	3.45	14.94	3.79	16.55	4.43	16.85	4.46
	35 °C	9.41	2.14	11.2	2.7	13	3.34	14	3.68	14.9	4.05	16.2	4.58	16.6	4.62
	37 °C	9.13	2.15	10.86	2.73	12.61	3.37	13.58	3.72	14.45	4.09	15.52	4.51	15.81	4.55
	39 °C	8.94	2.16	10.64	2.74	12.35	3.4	13.3	3.76	14.16	4.13	14.92	4.42	15.2	4.45
	42 °C	8.94	2.28	10.64	2.9	12.35	3.61	13.3	3.99	14.16	4.39	14.63	4.57	14.92	4.6
	44 °C	8.94	2.41	10.64	3.06	12.35	3.81	13.3	4.22	14.16	4.64	14.35	4.72	14.63	4.75
	46 °C	8.94	2.53	10.64	3.21	12.35	4.02	13.3	4.45	14.16	4.9	14.06	4.87	14.35	4.9
	10 °C	8.5	1.18	10.15	1.42	11.77	1.66	12.59	1.79	13.4	1.92	15.02	2.19	16.65	2.47
	12 °C	8.49	1.2	10.14	1.43	11.76	1.69	12.57	1.82	13.38	1.95	15.01	2.23	16.63	2.51
	14 °C	8.48	1.21	10.13	1.46	11.75	1.72	12.56	1.85	13.37	1.99	14.99	2.27	16.61	2.56
	16 °C	8.47	1.24	10.12	1.49	11.74	1.75	12.55	1.89	13.36	2.03	14.98	2.32	16.6	2.61
	18 °C	8.46	1.26	10.11	1.52	11.73	1.79	12.54	1.93	13.35	2.07	14.96	2.37	16.58	2.67
	20 °C	8.45	1.29	10.1	1.54	11.72	1.82	12.52	1.96	13.33	2.11	14.95	2.45	16.56	2.85
	21 °C	8.45	1.3	10.09	1.56	11.7	1.84	12.51	1.98	13.32	2.16	14.93	2.54	16.55	2.95
	23 °C	8.44	1.31	10.08	1.59	11.69	1.93	12.5	2.11	13.31	2.3	14.92	2.72	16.53	3.16
	25 °C	8.43	1.36	10.07	1.69	11.68	2.06	12.49	2.26	13.29	2.47	14.9	2.9	16.51	3.39
	27 °C	8.42	1.45	10.06	1.8	11.67	2.2	12.47	2.41	13.28	2.63	14.89	3.1	16.5	3.63
	29 °C	8.41	1.54	10.05	1.92	11.66	2.34	12.46	2.57	13.27	2.81	14.87	3.32	16.48	3.87
	31 °C	8.4	1.63	10.04	2.04	11.65	2.49	12.45	2.74	13.25	3	14.86	3.54	16.47	4.14
	33 °C	8.4	1.73	10.03	2.17	11.63	2.66	12.44	2.91	13.24	3.19	14.84	3.78	16.45	4.42
	35 °C	8.37	1.84	10	2.3	11.6	2.82	12.4	3.1	13.2	3.4	14.8	4.03	16.2	4.58
	37 °C	8.12	1.85	9.7	2.32	11.25	2.85	12.03	3.14	12.8	3.44	14.36	4.08	15.42	4.5
	39 °C	7.95	1.86	9.5	2.33	11.02	2.88	11.78	3.16	12.54	3.47	14.06	4.12	14.92	4.41
	42 °C	7.95	1.96	9.5	2.47	11.02	3.05	11.78	3.35	12.54	3.68	14.06	4.37	14.73	4.56
	44 °C	7.95	2.07	9.5	2.6	11.02	3.22	11.78	3.54	12.54	3.9	14.06	4.63	14.54	4.71
	46 °C	7.95	2.18	9.5	2.73	11.02	3.39	11.78	3.73	12.54	4.11	14.06	4.88	14.35	4.86

1 Capacity table

1-3. RD060MHXEA, RD060MHXGA

1) Cooling

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)	Indoor Temperature (°C,WB)													
		14.0 °C		16.0 °C		18.0 °C		19.0 °C		20.0 °C		22.0 °C		24.0 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10 °C	6.71	0.88	8.01	1.04	9.3	1.21	9.95	1.31	10.56	1.4	11.88	1.59	13.2	1.79
	12 °C	6.7	0.89	8	1.06	9.29	1.24	9.94	1.33	10.55	1.43	11.86	1.62	13.18	1.82
	14 °C	6.7	0.91	7.99	1.08	9.28	1.26	9.93	1.36	10.54	1.45	11.85	1.65	13.17	1.85
	16 °C	6.69	0.92	7.98	1.09	9.27	1.28	9.92	1.38	10.52	1.48	11.84	1.68	13.16	1.9
	18 °C	6.68	0.93	7.98	1.12	9.26	1.31	9.91	1.4	10.51	1.5	11.83	1.72	13.14	1.93
	20 °C	6.68	0.95	7.97	1.14	9.25	1.33	9.9	1.44	10.5	1.54	11.82	1.75	13.13	1.98
	21 °C	6.67	0.96	7.96	1.15	9.24	1.34	9.89	1.44	10.49	1.56	11.81	1.78	13.12	2.06
	23 °C	6.66	0.97	7.95	1.17	9.23	1.37	9.88	1.5	10.48	1.62	11.79	1.91	13.1	2.21
	25 °C	6.66	0.99	7.95	1.21	9.22	1.46	9.87	1.6	10.47	1.74	11.78	2.03	13.09	2.36
	27 °C	6.65	1.05	7.94	1.29	9.21	1.56	9.86	1.7	10.46	1.85	11.77	2.17	13.08	2.52
	29 °C	6.64	1.11	7.93	1.38	9.21	1.66	9.85	1.81	10.45	1.97	11.76	2.32	13.07	2.69
	31 °C	6.64	1.18	7.92	1.46	9.2	1.77	9.84	1.93	10.44	2.1	11.75	2.47	13.05	2.87
	33 °C	6.63	1.26	7.91	1.55	9.19	1.88	9.83	2.05	10.43	2.24	11.74	2.63	13.04	3.06
	35 °C	6.61	1.32	7.89	1.64	9.16	1.99	9.8	2.18	10.4	2.38	11.7	2.8	13	3.26
	37 °C	6.41	1.4	7.65	1.74	8.89	2.12	9.51	2.32	10.09	2.53	11.35	2.98	12.61	3.47
60%	39 °C	6.28	1.49	7.5	1.85	8.7	2.25	9.31	2.46	9.88	2.69	11.12	3.17	12.35	3.7
	42 °C	6.28	1.57	7.5	1.95	8.7	2.38	9.31	2.61	9.88	2.86	11.12	3.36	12.35	3.93
	44 °C	6.28	1.66	7.5	2.05	8.7	2.5	9.31	2.75	9.88	3.02	11.12	3.55	12.35	4.16
	46 °C	6.28	1.74	7.5	2.15	8.7	2.63	9.31	2.9	9.88	3.18	11.12	3.74	12.35	4.39
	10 °C	5.76	0.76	6.86	0.9	7.97	1.03	8.53	1.11	9.08	1.19	10.15	1.34	11.27	1.5
	12 °C	5.75	0.78	6.85	0.91	7.96	1.05	8.52	1.13	9.08	1.21	10.14	1.37	11.26	1.53
	14 °C	5.74	0.79	6.85	0.92	7.95	1.08	8.51	1.15	9.07	1.23	10.13	1.39	11.24	1.56
	16 °C	5.74	0.79	6.84	0.94	7.94	1.09	8.5	1.17	9.06	1.25	10.12	1.42	11.23	1.59
	18 °C	5.73	0.81	6.83	0.96	7.94	1.11	8.49	1.19	9.05	1.27	10.11	1.44	11.22	1.62
	20 °C	5.73	0.82	6.83	0.97	7.93	1.13	8.48	1.21	9.04	1.3	10.1	1.47	11.21	1.65
	21 °C	5.72	0.83	6.82	0.98	7.92	1.14	8.48	1.22	9.03	1.31	10.09	1.49	11.2	1.67
	23 °C	5.72	0.85	6.81	1	7.91	1.16	8.47	1.25	9.02	1.33	10.08	1.55	11.19	1.78
	25 °C	5.71	0.85	6.81	1.02	7.9	1.21	8.46	1.31	9.01	1.42	10.07	1.65	11.18	1.9
	27 °C	5.7	0.89	6.8	1.08	7.9	1.28	8.45	1.39	9	1.51	10.06	1.76	11.17	2.03
	29 °C	5.7	0.94	6.79	1.15	7.89	1.37	8.44	1.49	8.99	1.61	10.05	1.87	11.16	2.15
	31 °C	5.69	1	6.79	1.21	7.88	1.45	8.43	1.58	8.99	1.71	10.04	1.99	11.14	2.3
50%	33 °C	5.69	1.05	6.78	1.28	7.87	1.54	8.43	1.68	8.98	1.82	10.03	2.12	11.13	2.44
	35 °C	5.67	1.11	6.76	1.36	7.85	1.63	8.4	1.78	8.95	1.93	10	2.26	11.1	2.61
	37 °C	5.5	1.18	6.56	1.44	7.61	1.74	8.15	1.89	8.68	2.05	9.7	2.4	10.77	2.77
	39 °C	5.39	1.25	6.42	1.52	7.46	1.84	7.98	2	8.5	2.18	9.5	2.55	10.55	2.95
	42 °C	5.39	1.32	6.42	1.6	7.46	1.94	7.98	2.11	8.5	2.31	9.5	2.69	10.55	3.13
	44 °C	5.39	1.38	6.42	1.68	7.46	2.04	7.98	2.22	8.5	2.44	9.5	2.84	10.55	3.31
	46 °C	5.39	1.45	6.42	1.75	7.46	2.15	7.98	2.33	8.5	2.56	9.5	2.98	10.55	3.49
	10 °C	4.79	0.66	5.71	0.76	6.64	0.87	7.11	0.92	7.57	0.98	8.5	1.11	9.42	1.23
	12 °C	4.79	0.67	5.71	0.77	6.63	0.88	7.1	0.94	7.56	1	8.49	1.13	9.41	1.26
	14 °C	4.78	0.68	5.7	0.79	6.63	0.9	7.09	0.96	7.56	1.02	8.48	1.15	9.4	1.27
	16 °C	4.78	0.68	5.7	0.79	6.62	0.91	7.08	0.97	7.55	1.03	8.47	1.16	9.39	1.3
	18 °C	4.77	0.69	5.69	0.8	6.61	0.92	7.08	0.99	7.54	1.05	8.46	1.19	9.38	1.32
	20 °C	4.77	0.7	5.69	0.82	6.61	0.94	7.07	1.01	7.53	1.07	8.45	1.21	9.37	1.35
	21 °C	4.76	0.71	5.68	0.83	6.6	0.95	7.06	1.02	7.53	1.08	8.45	1.22	9.36	1.36
	23 °C	4.76	0.72	5.68	0.84	6.59	0.97	7.06	1.03	7.52	1.1	8.44	1.24	9.35	1.39
	25 °C	4.75	0.73	5.67	0.85	6.59	0.98	7.05	1.05	7.51	1.14	8.43	1.31	9.34	1.49
	27 °C	4.75	0.74	5.66	0.88	6.58	1.03	7.04	1.12	7.5	1.21	8.42	1.38	9.34	1.58
	29 °C	4.74	0.79	5.66	0.93	6.57	1.1	7.04	1.19	7.5	1.28	8.41	1.48	9.33	1.68
	31 °C	4.74	0.83	5.65	0.99	6.57	1.17	7.03	1.27	7.49	1.36	8.4	1.57	9.32	1.8
	33 °C	4.73	0.87	5.65	1.05	6.56	1.24	7.02	1.34	7.48	1.44	8.4	1.67	9.31	1.91
	35 °C	4.72	0.92	5.63	1.11	6.54	1.31	7	1.42	7.46	1.53	8.37	1.77	9.28	2.03
	37 °C	4.58	0.97	5.46	1.17	6.34	1.38	6.79	1.5	7.24	1.62	8.12	1.88	9	2.15
	39 °C	4.48	1.03	5.35	1.24	6.21	1.47	6.65	1.59	7.09	1.72	7.95	1.99	8.82	2.28
	42 °C	4.48	1.08	5.35	1.31	6.21	1.56	6.65	1.68	7.09	1.81	7.95	2.1	8.82	2.41
	44 °C	4.48	1.13	5.35	1.38	6.21	1.64	6.65	1.76	7.09	1.91	7.95	2.21	8.82	2.54
	46 °C	4.48	1.18	5.35	1.44	6.21	1.73	6.65	1.85	7.09	2	7.95	2.33	8.82	2.67

2) Heating

TC(Total Capacity, kW), PI(Power Input, kW)

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C, WB)									
			16.0 °C		18.0 °C		20.0 °C		22.0 °C		24.0 °C	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130 %	-20	-21	11.43	3.16	11.33	3.34	11.33	3.53	11.33	3.72	11.23	3.91
	-17	-18	12.46	3.44	12.36	3.61	12.36	3.79	12.26	3.96	12.26	4.13
	-15	-16	13.08	3.71	13.08	3.88	12.98	4.05	12.98	4.21	12.98	4.38
	-12	-13	13.8	3.87	13.7	4.03	13.7	4.18	13.7	4.35	13.6	4.5
	-10	-11	14.42	4.01	14.42	4.16	14.42	4.31	14.32	4.46	14.32	4.61
	-7	-8	15.66	4.06	15.55	4.2	15.55	4.33	15.45	4.47	15.45	4.6
	-5	-6	16.27	4.17	16.27	4.3	16.17	4.42	16.17	4.56	16.17	4.69
	-3	-4	16.89	4.06	16.89	4.18	16.89	4.3	16.79	4.41	16.79	4.53
	0	-1	17.92	4.18	17.92	4.3	17.82	4.41	17.82	4.52	17.82	4.63
	3	2.2	18.95	4.3	18.85	4.4	18.85	4.5	18.85	4.62	18.64	4.67
	5	4.1	19.57	4.36	19.57	4.47	19.47	4.57	19.47	4.67	18.64	4.48
	7	6	20.19	4.38	20.19	4.48	20.19	4.58	20.09	4.65	18.64	4.26
	9	7.9	20.91	4.39	20.81	4.49	20.81	4.58	20.09	4.42	18.64	4.06
	11	9.8	21.53	4.45	21.42	4.54	21.42	4.62	20.09	4.26	18.64	3.91
	13	12	22.15	4.5	22.15	4.59	21.42	4.45	20.09	4.1	18.64	3.76
120%	15	14	22.87	4.55	22.76	4.63	21.42	4.29	20.09	3.95	18.64	3.63
	-20	-21	11.33	3.4	11.33	3.58	11.33	3.75	11.23	3.93	11.23	4.1
	-17	-18	12.36	3.67	12.36	3.83	12.26	3.99	12.26	4.15	12.26	4.31
	-15	-16	13.08	3.94	12.98	4.09	12.98	4.24	12.98	4.4	12.88	4.56
	-12	-13	13.7	4.08	13.7	4.22	13.7	4.38	13.6	4.52	13.6	4.67
	-10	-11	14.42	4.21	14.32	4.35	14.32	4.49	14.32	4.63	14.21	4.78
	-7	-8	15.55	4.25	15.55	4.37	15.45	4.49	15.45	4.62	15.45	4.75
	-5	-6	16.27	4.34	16.17	4.46	16.17	4.58	16.17	4.7	16.07	4.82
	-3	-4	16.89	4.22	16.89	4.33	16.79	4.44	16.79	4.55	16.79	4.65
	0	-1	17.92	4.33	17.82	4.44	17.82	4.54	17.82	4.64	17.2	4.53
	3	2.2	18.85	4.44	18.85	4.54	18.85	4.63	18.54	4.62	17.2	4.23
	5	4.1	19.57	4.5	19.47	4.6	19.47	4.69	18.54	4.43	17.2	4.06
	7	6	20.19	4.51	20.09	4.61	19.78	4.58	18.54	4.22	17.2	3.86
	9	7.9	20.81	4.52	20.81	4.61	19.78	4.35	18.54	4.01	17.2	3.68
	11	9.8	21.42	4.57	21.01	4.52	19.78	4.19	18.54	3.86	17.2	3.55
110%	13	12	22.15	4.62	21.01	4.35	19.78	4.03	18.54	3.72	17.2	3.42
	15	14	22.35	4.51	21.01	4.2	19.78	3.89	18.54	3.6	17.2	3.3
	-20	-21	11.33	3.66	11.23	3.82	11.23	3.98	11.23	4.14	11.12	4.3
	-17	-18	12.36	3.91	12.26	4.05	12.26	4.2	12.26	4.35	12.15	4.5
	-15	-16	12.98	4.16	12.98	4.31	12.98	4.45	12.88	4.59	12.88	4.73
	-12	-13	13.7	4.3	13.6	4.43	13.6	4.56	13.6	4.7	13.6	4.84
	-10	-11	14.32	4.42	14.32	4.54	14.32	4.67	14.21	4.81	14.21	4.93
	-7	-8	15.55	4.42	15.45	4.54	15.45	4.66	15.45	4.77	15.35	4.89
	-5	-6	16.17	4.52	16.17	4.63	16.07	4.74	16.07	4.85	15.76	4.83
	-3	-4	16.79	4.38	16.79	4.47	16.79	4.58	16.69	4.68	15.76	4.38
	0	-1	17.82	4.48	17.82	4.58	17.82	4.67	17	4.44	15.76	4.07
	3	2.2	18.85	4.58	18.75	4.67	18.13	4.5	17	4.16	15.76	3.81
	5	4.1	19.47	4.63	19.26	4.67	18.13	4.32	17	3.98	15.76	3.66
	7	6	20.09	4.64	19.26	4.44	18.13	4.11	17	3.79	15.76	3.48
	9	7.9	20.5	4.54	19.26	4.22	18.13	3.91	17	3.61	15.76	3.32
	11	9.8	20.5	4.37	19.26	4.06	18.13	3.77	17	3.48	15.76	3.2
	13	12	20.5	4.2	19.26	3.91	18.13	3.63	17	3.36	15.76	3.09
	15	14	20.5	4.06	19.26	3.78	18.13	3.5	17	3.25	15.76	2.99

1 Capacity table

1-3. RD060MHXEA, RD060MHXGA

2) Heating

TC(Total Capacity, kW), PI(Power Input, kW)

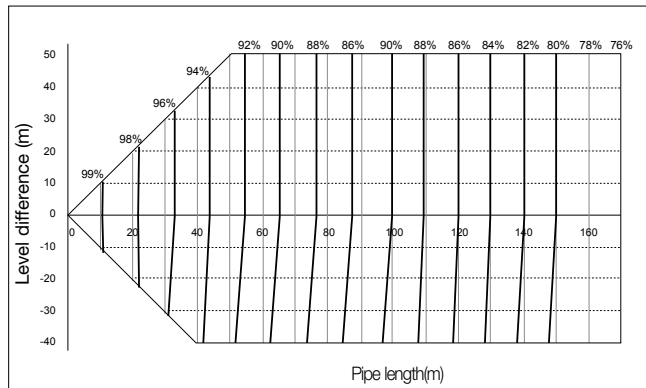
Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C, WB)									
			16.0 °C		18.0 °C		20.0 °C		22.0 °C		24.0 °C	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100 %	-20	-21	11.23	3.82	11.23	3.95	11.23	4.1	11.12	4.23	11.12	4.38
	-17	-18	12.26	4.03	12.26	4.16	12.14	4.29	12.15	4.41	12.15	4.55
	-15	-16	12.98	4.27	12.88	4.4	12.75	4.53	12.88	4.65	12.88	4.78
	-12	-13	13.6	4.39	13.6	4.51	13.46	4.63	13.49	4.75	13.49	4.87
	-10	-11	14.32	4.5	14.32	4.61	14.08	4.73	14.21	4.84	14.21	4.96
	-7	-8	15.45	4.49	15.45	4.59	15.05	4.69	15.35	4.79	14.32	4.41
	-5	-6	16.17	4.56	16.07	4.66	15.76	4.77	15.45	4.56	14.32	4.18
	-3	-4	16.79	4.42	16.79	4.5	16	4.49	15.45	4.14	14.32	3.79
	0	-1	17.82	4.51	17.51	4.5	16	4.17	15.45	3.85	14.32	3.53
	3	2.2	18.64	4.53	17.51	4.21	16	3.9	15.45	3.6	14.32	3.31
	5	4.1	18.64	4.34	17.51	4.04	16	3.75	15.45	3.46	14.32	3.18
	7	6	18.64	4.12	17.51	3.84	16	3.61	15.45	3.29	14.32	3.03
	9	7.9	18.64	3.93	17.51	3.66	16.16	3.39	15.45	3.14	14.32	2.89
	11	9.8	18.64	3.79	17.51	3.53	16.16	3.28	15.45	3.03	14.32	2.8
	13	12	18.64	3.64	17.51	3.39	16.16	3.16	15.45	2.92	14.32	2.7
90%	15	14	18.64	3.52	17.51	3.29	16.16	3.05	15.45	2.83	14.32	2.61
	-20	-21	11.23	4.17	11.12	4.3	11.12	4.43	11.12	4.56	11.12	4.69
	-17	-18	12.26	4.38	12.15	4.5	12.15	4.61	12.15	4.73	12.15	4.85
	-15	-16	12.88	4.62	12.88	4.73	12.88	4.85	12.77	4.97	12.77	5.08
	-12	-13	13.6	4.72	13.6	4.84	13.49	4.95	13.49	5.06	12.88	4.84
	-10	-11	14.21	4.83	14.21	4.93	14.21	5.03	13.91	4.97	12.88	4.55
	-7	-8	15.45	4.8	15.35	4.89	14.83	4.72	13.91	4.34	12.88	3.96
	-5	-6	16.07	4.87	15.76	4.83	14.83	4.46	13.91	4.12	12.88	3.78
	-3	-4	16.69	4.7	15.76	4.37	14.83	4.05	13.91	3.74	12.88	3.44
	0	-1	16.79	4.36	15.76	4.06	14.83	3.77	13.91	3.48	12.88	3.2
	3	2.2	16.79	4.08	15.76	3.8	14.83	3.53	13.91	3.27	12.88	3.01
	5	4.1	16.79	3.92	15.76	3.65	14.83	3.39	13.91	3.15	12.88	2.89
	7	6	16.79	3.73	15.76	3.48	14.83	3.23	13.91	2.99	12.88	2.76
	9	7.9	16.79	3.55	15.76	3.31	14.83	3.08	13.91	2.86	12.88	2.64
	11	9.8	16.79	3.43	15.76	3.2	14.83	2.98	13.91	2.76	12.88	2.55
80%	13	12	16.79	3.3	15.76	3.08	14.83	2.87	13.91	2.67	12.88	2.47
	15	14	16.79	3.19	15.76	2.98	14.83	2.78	13.91	2.58	12.88	2.39
	-20	-21	11.12	4.43	11.12	4.54	11.12	4.65	11.12	4.77	11.02	4.89
	-17	-18	12.15	4.6	12.15	4.71	12.15	4.82	12.05	4.92	11.54	4.65
	-15	-16	12.88	4.85	12.77	4.95	12.77	5.05	12.36	4.88	11.54	4.47
	-12	-13	13.49	4.94	13.49	5.04	13.18	4.96	12.36	4.57	11.54	4.19
	-10	-11	14.21	5.03	14.01	5.04	13.18	4.66	12.36	4.31	11.54	3.95
	-7	-8	14.83	4.73	14.01	4.4	13.18	4.08	12.36	3.76	11.54	3.47
	-5	-6	14.83	4.48	14.01	4.18	13.18	3.87	12.36	3.58	11.54	3.29
	-3	-4	14.83	4.06	14.01	3.79	13.18	3.52	12.36	3.25	11.54	3
	0	-1	14.83	3.78	14.01	3.53	13.18	3.28	12.36	3.03	11.54	2.8
	3	2.2	14.83	3.55	14.01	3.3	13.18	3.08	12.36	2.86	11.54	2.64
	5	4.1	14.83	3.41	14.01	3.18	13.18	2.96	12.36	2.74	11.54	2.54
	7	6	14.83	3.24	14.01	3.03	13.18	2.83	12.36	2.62	11.54	2.43
	9	7.9	14.83	3.09	14.01	2.89	13.18	2.7	12.36	2.5	11.54	2.32
	11	9.8	14.83	2.99	14.01	2.8	13.18	2.61	12.36	2.42	11.54	2.25
	13	12	14.83	2.88	14.01	2.7	13.18	2.51	12.36	2.34	11.54	2.17
	15	14	14.83	2.79	14.01	2.61	13.18	2.44	12.36	2.27	11.54	2.1

Combi. (%)	Outdoor Temperature (°C)		Indoor Temperature (°C,WB)									
			16.0 °C		18.0 °C		20.0 °C		22.0 °C		24.0 °C	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70 %	-20	-21	11.12	4.67	11.12	4.78	11.02	4.88	10.82	4.81	10.05	4.41
	-17	-18	12.15	4.84	12.05	4.93	11.54	4.67	10.82	4.31	10.05	3.95
	-15	-16	12.77	5.07	12.26	4.85	11.54	4.49	10.82	4.14	10.05	3.81
	-12	-13	12.98	4.89	12.26	4.54	11.54	4.21	10.82	3.89	10.05	3.58
	-10	-11	12.98	4.59	12.26	4.28	11.54	3.97	10.82	3.66	10.05	3.38
	-7	-8	12.98	4.02	12.26	3.75	11.54	3.48	10.82	3.22	10.05	2.97
	-5	-6	12.98	3.81	12.26	3.56	11.54	3.31	10.82	3.07	10.05	2.83
	-3	-4	12.98	3.46	12.26	3.24	11.54	3.01	10.82	2.79	10.05	2.58
	0	-1	12.98	3.23	12.26	3.02	11.54	2.82	10.82	2.61	10.05	2.42
	3	2.2	12.98	3.03	12.26	2.84	11.54	2.65	10.82	2.46	10.05	2.27
	5	4.1	12.98	2.92	12.26	2.73	11.54	2.55	10.82	2.37	10.05	2.2
	7	6	12.98	2.78	12.26	2.6	11.54	2.44	10.82	2.27	10.05	2.1
	9	7.9	12.98	2.66	12.26	2.5	11.54	2.33	10.82	2.17	10.05	2.01
	11	9.8	12.98	2.57	12.26	2.41	11.54	2.26	10.82	2.1	10.05	1.95
	13	12	12.98	2.49	12.26	2.33	11.54	2.18	10.82	2.04	10.05	1.89
60%	15	14	12.98	2.4	12.26	2.26	11.54	2.11	10.82	1.97	10.05	1.83
	-20	-21	11.02	4.93	10.51	4.66	9.89	4.32	9.25	3.98	8.62	3.66
	-17	-18	11.12	4.49	10.51	4.18	9.89	3.87	9.25	3.58	8.62	3.29
	-15	-16	11.12	4.31	10.51	4.02	9.89	3.73	9.25	3.45	8.62	3.18
	-12	-13	11.12	4.05	10.51	3.78	9.89	3.51	9.25	3.26	8.62	3
	-10	-11	11.12	3.82	10.51	3.56	9.89	3.32	9.25	3.07	8.62	2.84
	-7	-8	11.12	3.35	10.51	3.13	9.89	2.92	9.25	2.71	8.62	2.51
	-5	-6	11.12	3.18	10.51	2.98	9.89	2.78	9.25	2.59	8.62	2.39
	-3	-4	11.12	2.9	10.51	2.71	9.89	2.54	9.25	2.36	8.62	2.18
	0	-1	11.12	2.71	10.51	2.54	9.89	2.38	9.25	2.21	8.62	2.05
	3	2.2	11.12	2.56	10.51	2.4	9.89	2.24	9.25	2.09	8.62	1.94
	5	4.1	11.12	2.46	10.51	2.31	9.89	2.16	9.25	2.01	8.62	1.87
	7	6	11.12	2.34	10.51	2.21	9.89	2.07	9.25	1.93	8.62	1.8
	9	7.9	11.12	2.25	10.51	2.11	9.89	1.98	9.25	1.84	8.62	1.72
	11	9.8	11.12	2.17	10.51	2.05	9.89	1.92	9.25	1.79	8.62	1.67
50%	13	12	11.12	2.1	10.51	1.98	9.89	1.85	9.25	1.73	8.62	1.61
	15	14	11.12	2.05	10.51	1.92	9.89	1.81	9.25	1.69	8.62	1.58
	-20	-21	9.3	4.01	8.77	3.74	8.24	3.47	7.71	3.22	7.18	2.97
	-17	-18	9.3	3.6	8.77	3.36	8.24	3.14	7.71	2.91	7.18	2.69
	-15	-16	9.3	3.47	8.77	3.24	8.24	3.02	7.71	2.81	7.18	2.6
	-12	-13	9.3	3.27	8.77	3.06	8.24	2.86	7.71	2.65	7.18	2.46
	-10	-11	9.3	3.09	8.77	2.9	8.24	2.7	7.71	2.51	7.18	2.33
	-7	-8	9.3	2.72	8.77	2.56	8.24	2.39	7.71	2.22	7.18	2.06
	-5	-6	9.3	2.6	8.77	2.44	8.24	2.28	7.71	2.12	7.18	1.98
	-3	-4	9.3	2.37	8.77	2.23	8.24	2.08	7.71	1.95	7.18	1.81
	0	-1	9.3	2.22	8.77	2.09	8.24	1.96	7.71	1.83	7.18	1.7
	3	2.2	9.3	2.1	8.77	1.98	8.24	1.85	7.71	1.73	7.18	1.62
	5	4.1	9.3	2.02	8.77	1.91	8.24	1.79	7.71	1.68	7.18	1.56
	7	6	9.3	1.94	8.77	1.83	8.24	1.71	7.71	1.6	7.18	1.5
	9	7.9	9.3	1.85	8.77	1.75	8.24	1.64	7.71	1.54	7.18	1.44
	11	9.8	9.3	1.8	8.77	1.7	8.24	1.6	7.71	1.5	7.18	1.4
	13	12	9.3	1.74	8.77	1.64	8.24	1.55	7.71	1.45	7.18	1.36
	15	14	9.3	1.7	8.77	1.6	8.24	1.5	7.71	1.41	7.18	1.32

2 Capacity correction

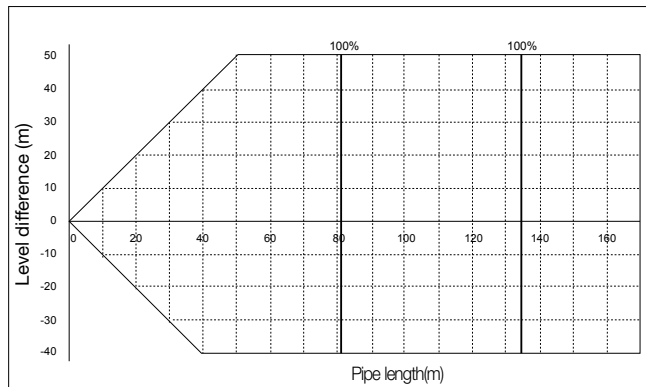
2-1. Capacity correction by distance

1) Cooling



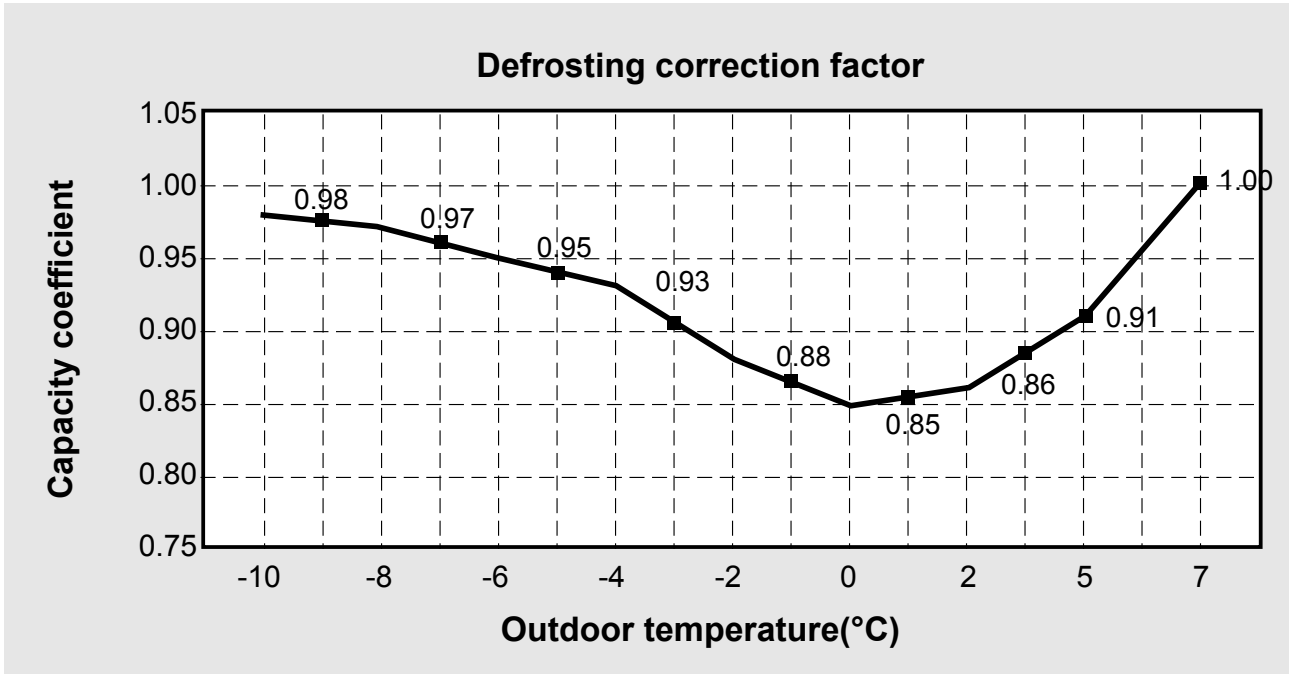
50					0.93	0.91	0.89	0.88	0.92	0.9	0.88	0.86	0.84	0.82	0.8	0.78	0.76
40				0.95	0.93	0.91	0.89	0.88	0.92	0.9	0.88	0.86	0.84	0.82	0.8	0.78	0.76
30			0.96	0.95	0.93	0.91	0.89	0.88	0.92	0.9	0.88	0.86	0.84	0.82	0.8	0.78	0.76
20		0.98	0.96	0.95	0.93	0.91	0.89	0.88	0.92	0.9	0.88	0.86	0.84	0.82	0.8	0.78	0.76
10	1	0.98	0.96	0.95	0.93	0.91	0.89	0.88	0.92	0.9	0.88	0.86	0.84	0.82	0.8	0.78	0.76
0	1	0.98	0.96	0.95	0.93	0.91	0.89	0.88	0.92	0.9	0.88	0.86	0.84	0.82	0.8	0.78	0.76
0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170
0	1	0.98	0.96	0.95	0.93	0.91	0.89	0.88	0.92	0.9	0.88	0.86	0.84	0.82	0.8	0.78	0.76
-10	1	0.98	0.96	0.94	0.93	0.91	0.89	0.88	0.92	0.9	0.88	0.86	0.84	0.82	0.8	0.78	0.76
-20		0.98	0.96	0.94	0.92	0.91	0.89	0.87	0.92	0.9	0.88	0.86	0.84	0.82	0.8	0.78	0.76
-30			0.96	0.94	0.92	0.9	0.88	0.87	0.92	0.9	0.88	0.86	0.84	0.82	0.8	0.78	0.76
-40				0.94	0.92	0.9	0.88	0.87	0.91	0.89	0.87	0.85	0.83	0.81	0.79	0.77	0.75

2) Heating



50					1	1	1	1	1	1	1	1	1	1	1	1	1	1	
40					1	1	1	1	1	1	1	1	1	1	1	1	1	1	
30					1	1	1	1	1	1	1	1	1	1	1	1	1	1	
20					1	1	1	1	1	1	1	1	1	1	1	1	1	1	
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170		
0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
-10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
-20		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
-30			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
-40				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

2-2. Capacity correction by ice formation (defrost condition)



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