1 Features

- The RMXS gives you a high-capacity multi split system which combines the power and easy installation of a VRV outdoor unit with the quiet operation of residential - use indoor units.
- The Super Multi Plus has more than enough power to drive up to 9 indoor units, including a 7,1 kW class unit.
- An inverter driven compressor allows the capacity to be adjusted precisely to match variations in room and outside temperatures.
- A 135-meter piping length means there are now no restrictions on the choice of installation position for indoor units, greatly improving planning flexibility.

2 Specifications

2-1 NOMINAL CAPACITY AND NOMINAL INPUT				RMXS112E8V1B	RMXS140E8V1B	RMXS160E8V1B
Nominal Capacity	Cooling capacity	Standard	kW	11.2	14.0	15.5
	Heating capacity	Standard	kW	12.5	16.0	17.5
For combination indoor units + outdoor units	EER	Nominal		3.20	2.75	2.87
	COP	Nominal		3.18	3.07	3.22
Max. number of connectable indoor units (BP to be connected)				6	8	9
Min. / Max. total capacity index of I/U to be connected				50/130	62.5/162.5	70/182

2-2 TECHNICAL SPECIFICATIONS				RMXS112E8V1B	RMXS140E8V1B	RMXS160E8V1B
Casing	Colour			Daikin White		
	Material			Paintable galvanized steel plate		
Dimensions	Unit	Height	mm	1,345		
		Width	mm	900	900	900
		Depth	mm	320	320	320
	Packing	Height	mm	1,524		
		Width	mm	980	980	980
		Depth	mm	420	420	420
Weight	Unit		kg	120	120	120
	Packed Unit		kg	130	130	130
Heat Exchanger	Dimensions	Length	mm	857	857	857
		Nr of Rows		2	2	2
		Fin Pitch	mm	2	2	2
		Nr of Passes		10	10	10
		Face Area	m^2	1,131		
		Nr of Stages		60	60	60
	Tube type			Hi-XSS(8)		
	Fin	Type		Non-symmetric waffle louvre		
		Treatment		Corrosion resistant		
Fan	Type			Propeller		
	Discharge direction			Horizontal		
	Quantity			2	2	2
	Air Flow Rate (nominal at 230V)	Cooling	m^3/min	106	106	106
		Heating	m^3/min	102	105	105
	Motor	Quantity		2	2	2
		Model		Brushless DC motor		
Motor	Speed (nominal)	Cooling	rpm	850/815		
		Heating	rpm	820/785	840/805	840/805
Fan	Motor	Output	W	70	70	70
		Drive		Direct Drive		
Compressor	Quantity			1	1	1
	Motor	Model		JT100G-VDL@T2		
		Type		Hermetically sealed scroll compressor		
		Speed	rpm	6,480		
		Motor Output	W	2.5	3.0	3.5
		Crankcase Heater	W	33	33	33
		Starting Method		Direct on line		
Operation Range	Cooling	Min	xCDB	-5	-5	-5
		Max	xCDB	46	46	46
	Heating	Min	xCWB	-15	-15	-15
		Max	xCWB	20	20	20

2 Specifications

2-2 TECHNICAL SPECIFICATIONS				RMXS112E8V1B	RMXS140E8V1B	RMXS160E8V1B
Sound Level (nominal)	Cooling	Sound Power	dBA	67	68	70
		Sound Pressure	dBA	51	52	54
	Heating	Sound Pressure	dBA	53	54	55
Sound Level (Night quiet)	Sound Pressure		dBA	Step 1: 47Step 2: 44Step 3: 41		
Refrigerant	Type			R-410A		
	Charge		kg	4.0	4.0	4.0
	Control			Expansion valve (electronic type)		
	Nr of Circuits			1	1	1
Refrigerant Oil	Type			Daphne FVC68D		
	Charged Volume		l	1.5	1.5	1.5
Piping connections	Liquid (OD)	Quantity		1	1	1
		Type		Flare connection		
		Diameter (OD)	mm	9.52	9.52	9.52
	Gas	Quantity		1	1	1
		Type		Braze connection		
		Diameter (OD)	mm	19.1	19.1	19.1
	Drain	Quantity		3	3	3
		Type		Hole		
		Diameter (OD)	mm	26x3		
	Piping Length	System total	m	115	135	145
Piping Length	Total	OU - BP	m	55	55	55
		BP - IU	m	60	80	90
	1 room	BP - IU	m	15	15	15
Piping connections	Height difference	OU - BP	m	30	30	30
		OU - IU	m	30	30	30
		BP-BP/ IU-IU	m	15	15	15
	Additional Refrigerant Charge		kg/m	Refer to installation manual		
	Installation height difference	Maximum	m	30	30	30
	Max. internunit level difference		m	15	15	15
	Heat Insulation			Both liquid and gas pipes		
Defrost Method				Reversed cycle		
Defrost Control				Sensor for outdoor heat exchanger temperature		
Capacity Control Method				Inverter controlled		
Capacity control	Cooling	Minimum		24	24	24
		Maximum		100	100	100
	Heating	Minimum		24	24	24
		Maximum		100	100	100
Safety Devices				High pressure switch		
				Fan motor thermal protector		
				Inverter overload protector		
				PC board fuse		

2 Specifications

2-2 TECHNICAL SPECIFICATIONS		RMXS112E8V1B	RMXS140E8V1B	RMXS160E8V1B
Standard Accessories	Item	Gas connection pipe		
	Quantity	3	3	3
	Item	Installation manual		
	Quantity	1	1	1
	Item	Operation manual		
	Quantity	1	1	1
	Item	Drain socket		
	Quantity	1	1	1
	Item	Drain cap		
	Quantity	2	2	2
	Item	Drain receiver		
	Quantity	3	3	3
	Item	Insulation		
	Quantity	1	1	1
Notes		* Nominal cooling capacities are based on : indoor temperature : 27×CDB, 19×CWB, outdoor temperature : 35×CDB, equivalent piping length: outdoor - BP: 5m / BP - indoor: 3m / level difference: 0m.		
		* Nominal heating capacities are based on : indoor temperature : 20×CDB, outdoor temperature : 7×CDB, 6×CWB, equivalent piping length: outdoor - BP: 5m / BP - indoor: 3m / level difference: 0m.		
		The sound power level is an absolute value indicating the power which a sound source generates.		
		Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings of this chapter.		
		Sound values are measured in a semi-anechoic room.		

2-3 ELECTRICAL SPECIFICATIONS				RMXS112E8V1B	RMXS140E8V1B	RMXS160E8V1B
Power Supply	Name			V1		
	Phase			1N~		
	Frequency		Hz	50	50	50
	Voltage		V	220-240		
	Voltage range	Minimum	V	-10%		
		Maximum	V	+10%		
Current	Nominal running current (RLA)	Cooling	A	15.9	20.2	22.2
	Starting current (MSC)		A	15.9	20.2	22.2
	Min. circuit amp (MCA)		A	27.0	27.0	27.0
	Max. fuse amps (MFA)		A	32.0	32.0	32.0
	Full load amps (FLA)		A	0.3+0.3(Fan motor)		
	Z-max	List		No requirements		
Wiring connections	For Power Supply	Quantity		3	3	3
		Remark		(including earth wiring)		
	For connection with indoor	Quantity		2	2	2
		Remark		F1+F2		
Power Supply Intake				Both BP unit and outdoor unit		
Notes				RLA is based on following conditions: indoor temperature: 27×CDB/19×CWB, outdoor temperature: 35×CDB		
				Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits		
				Maximum allowable voltage range variation between phases is 2%.		
				Select wire size based on the value of MCA		
				Instead of fuse, use circuit breaker. MFA is used to select circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).		
				MSC means the maximum current during start up of the compressor		

3 Electrical data

				RMXS112EV	RMXS140EV	RMXS160EV
Power supply	Name			V1		
	Phase			1N~		
	Frequency		Hz	50		
	Voltage		V	220-240		
Current	Nominal running current (RLA)		A	15.9	20.2	22.2
	Starting current (MSC)		A	15.9	20.2	22.2
	Min. Circuit Amps (MCA)		A	27.0		
	Max. Fuse Amps (MFA)		A	32.0		
	Full Load Amps (FLA)		A	0.3 + 0.3 (Fan motor)		
Voltage range	Min.		V	198		
	Max.		V	264		
Wiring connections	For power supply	Quantity		3		
		Remark		Earth wire included		
	For connection with BP	Quantity		2		
		Remark		F1+F2		
Power supply intake				Both BP unit and outdoor unit		

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SYMBOLS

MCA : Min. Circuit Amps
MFA : Max. Fuse Amps (see note 5)
RLA : Rated Load Amps (A)
FLA : Full Load Amps
MSC : Starting current (see note 6)

NOTES

1 RLA is based on the following conditions:
Indoor temperature 27°CDB/19°CWB
Outdoor temperature 35°CDB

2 Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed operation range limits

3 Maximum allowable voltage variation between phases is 2%

4 Select wire size based on the larger value of MCA

5 Instead of fuse, use circuit breaker MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

6 MSC means the maximum current during start up of the compressor.

7 For more details concerning conditional connections, see http://extranet.daikineurope.com, select "E-Data Books". Finally, click on the document title of your choice.

4 Options

RMXS-EV

N°	Item	RMXS112	RMXS140	RMXS160
1	Drain plug	KKPJ5F180		
2	Refnet joint	KHRQ22M20TA		
3	Branch provider (2 rooms)	BPMKS967B2		
4	Branch provider (3 rooms)	BPMKS967B3		

*Note: all options are kits

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5 Capacity tables

5 - 1 Cooling capacity tables

RMXS112EV- Cooling capacity

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14 °C		16 °C		18 °C		19 °C		22 °C		24 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	12,61	2,23	13,99	2,22	15,02	2,21	15,54	2,21	17,16	2,20	18,27	2,20
	14	12,38	2,39	13,72	2,39	14,71	2,40	15,22	2,40	16,79	2,40	17,86	2,40
	18	12,12	2,59	13,41	2,60	14,37	2,61	14,87	2,61	16,39	2,63	17,44	2,64
	20	11,98	2,69	13,25	2,71	14,19	2,72	14,68	2,73	16,18	2,75	17,21	2,76
	23	11,76	2,87	12,99	2,89	13,91	2,91	14,39	2,92	15,85	2,95	16,86	2,97
	27	11,44	3,12	12,63	3,15	13,52	3,18	13,98	3,19	15,39	3,23	16,36	3,26
	31	11,09	3,41	12,23	3,45	13,09	3,48	13,54	3,49	14,90	3,54	15,84	3,58
	35	10,72	3,72	11,81	3,77	12,64	3,80	13,06	3,82	14,38	3,88	15,28	3,92
	39	10,31	4,06	11,35	4,11	12,15	4,16	12,56	4,18	13,83	4,25	14,70	4,29
	43	9,88	4,42	10,87	4,49	11,63	4,54	12,03	4,56	13,25	4,64	14,08	4,69
	46	9,04	4,33	9,87	4,33	10,50	4,33	10,83	4,33	11,83	4,33	12,51	4,33
120%	10	12,46	2,17	13,79	2,16	14,82	2,15	15,33	2,15	16,94	2,14	18,05	2,13
	14	12,23	2,33	13,51	2,33	14,50	2,33	15,01	2,33	16,57	2,34	17,64	2,34
	18	11,97	2,52	13,20	2,53	14,17	2,54	14,66	2,55	16,17	2,56	17,21	2,57
	20	11,83	2,63	13,04	2,64	13,99	2,66	14,47	2,66	15,96	2,68	16,98	2,70
	23	11,61	2,80	12,78	2,82	13,71	2,84	14,18	2,85	15,63	2,88	16,63	2,90
	27	11,29	3,06	12,42	3,09	13,31	3,11	13,77	3,12	15,17	3,16	16,14	3,19
	31	10,94	3,34	12,03	3,37	12,89	3,40	13,33	3,42	14,68	3,47	15,62	3,50
	35	10,57	3,64	11,61	3,69	12,44	3,73	12,86	3,74	14,17	3,80	15,06	3,84
	39	10,17	3,98	11,16	4,03	11,96	4,07	12,36	4,10	13,62	4,16	14,49	4,21
	43	9,74	4,34	10,68	4,40	11,44	4,45	11,83	4,47	13,04	4,55	13,87	4,60
	46	8,92	4,33	9,74	4,33	10,37	4,33	10,69	4,33	11,68	4,33	12,36	4,33
110%	10	11,86	2,04	13,14	2,03	14,14	2,02	14,64	2,02	16,21	2,01	17,29	2,00
	14	11,64	2,20	12,88	2,20	13,85	2,20	14,34	2,20	15,86	2,20	16,90	2,20
	18	11,40	2,39	12,60	2,40	13,53	2,40	14,01	2,41	15,48	2,42	16,50	2,42
	20	11,27	2,49	12,44	2,50	13,37	2,51	13,83	2,52	15,28	2,53	16,28	2,54
	23	11,06	2,66	12,20	2,68	13,11	2,69	13,56	2,70	14,98	2,72	15,95	2,74
	27	10,76	2,90	11,86	2,93	12,73	2,95	13,17	2,96	14,54	2,99	15,49	3,02
	31	10,44	3,18	11,50	3,21	12,34	3,24	12,76	3,25	14,08	3,29	14,99	3,32
	35	10,09	3,47	11,10	3,51	11,91	3,55	12,32	3,56	13,60	3,61	14,47	3,65
	39	9,71	3,80	10,68	3,85	11,46	3,88	11,85	3,90	13,08	3,96	13,93	4,00
	43	9,31	4,15	10,23	4,20	10,98	4,24	11,36	4,27	12,53	4,33	13,35	4,38
	46	8,81	4,33	9,62	4,33	10,24	4,33	10,56	4,33	11,54	4,33	12,20	4,33
100%	10	10,54	1,81	11,79	1,80	12,71	1,79	13,18	1,78	14,64	1,77	15,64	1,75
	14	10,36	1,96	11,57	1,95	12,47	1,95	12,93	1,95	14,34	1,94	15,31	1,94
	18	10,16	2,13	11,33	2,13	12,20	2,13	12,65	2,13	14,02	2,14	14,96	2,14
	20	10,06	2,22	11,21	2,23	12,06	2,24	12,50	2,24	13,85	2,24	14,78	2,25
	23	9,89	2,38	11,00	2,39	11,84	2,40	12,27	2,40	13,59	2,42	14,49	2,43
	27	9,64	2,60	10,71	2,62	11,52	2,64	11,93	2,65	13,21	2,67	14,09	2,68
	31	9,37	2,85	10,40	2,88	11,18	2,90	11,58	2,91	12,82	2,94	13,67	2,96
	35	9,07	3,13	10,06	3,16	10,82	3,19	11,20	3,20	12,39	3,24	13,22	3,26
	39	8,75	3,43	9,70	3,47	10,42	3,50	10,80	3,51	11,95	3,56	12,74	3,59
	43	8,41	3,75	9,31	3,80	10,01	3,83	10,36	3,85	11,47	3,90	12,24	3,94
	46	8,13	4,01	9,00	4,06	9,68	4,10	10,02	4,12	11,10	4,18	11,84	4,21

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Symbols:
TC: Total capacity (kW)
PI: Power input (kW)

Notes:
1. This table shows outdoor unit cooling capacity and power input.
2. ☐ Is specified point.
3. PI of indoor units is not included in the table.

5 Capacity tables

5 - 1 Cooling capacity tables

RMXS112EV- Cooling capacity

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14 °C		16 °C		18 °C		19 °C		22 °C		24 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	10	9,55	1,54	10,65	1,52	11,47	1,51	11,89	1,50	13,19	1,48	14,09	1,46
	14	9,38	1,68	10,45	1,67	11,25	1,66	11,65	1,65	12,92	1,64	13,79	1,63
	18	9,20	1,84	10,22	1,83	11,00	1,83	11,40	1,83	12,63	1,82	13,47	1,82
	20	9,10	1,93	10,11	1,93	10,87	1,93	11,26	1,92	12,47	1,92	13,30	1,92
	23	8,94	2,07	9,92	2,08	10,67	2,08	11,05	2,08	12,23	2,08	13,04	2,09
	27	8,71	2,29	9,65	2,30	10,38	2,31	10,75	2,31	11,89	2,32	12,68	2,33
	31	8,46	2,53	9,37	2,54	10,07	2,56	10,42	2,56	11,53	2,58	12,30	2,59
	35	8,19	2,79	9,06	2,81	9,73	2,83	10,08	2,84	11,15	2,86	11,89	2,88
	39	7,89	3,08	8,73	3,10	9,38	3,13	9,72	3,14	10,75	3,17	11,46	3,19
	43	7,58	3,39	8,38	3,42	9,01	3,44	9,33	3,46	10,32	3,50	11,01	3,52
	46	7,33	3,63	8,10	3,67	8,71	3,70	9,02	3,71	9,99	3,76	10,66	3,79
80%	10	8,50	1,29	9,46	1,27	10,19	1,25	10,57	1,24	11,72	1,21	12,52	1,19
	14	8,35	1,42	9,28	1,40	9,99	1,39	10,35	1,38	11,48	1,36	12,26	1,34
	18	8,18	1,56	9,08	1,55	9,77	1,54	10,13	1,54	11,22	1,52	11,98	1,52
	20	8,09	1,65	8,98	1,64	9,66	1,63	10,01	1,63	11,08	1,62	11,83	1,61
	23	7,95	1,78	8,81	1,77	9,47	1,77	9,82	1,77	10,87	1,77	11,60	1,76
	27	7,74	1,98	8,57	1,98	9,22	1,98	9,55	1,98	10,57	1,98	11,28	1,98
	31	7,52	2,20	8,32	2,21	8,94	2,21	9,26	2,22	10,25	2,22	10,94	2,23
	35	7,28	2,45	8,05	2,46	8,65	2,47	8,96	2,47	9,92	2,49	10,58	2,50
	39	7,02	2,72	7,76	2,73	8,34	2,75	8,64	2,75	9,56	2,78	10,20	2,79
	43	6,74	3,01	7,45	3,03	8,01	3,05	8,30	3,06	9,19	3,08	9,80	3,10
	46	6,52	3,25	7,21	3,27	7,75	3,29	8,03	3,30	8,89	3,33	9,49	3,35
70%	10	7,39	1,08	8,23	1,05	8,88	1,03	9,21	1,02	10,23	0,99	10,94	0,97
	14	7,26	1,18	8,07	1,16	8,71	1,14	9,03	1,13	10,03	1,11	10,72	1,09
	18	7,12	1,31	7,91	1,29	8,52	1,28	8,83	1,27	9,81	1,25	10,48	1,24
	20	7,04	1,38	7,82	1,36	8,42	1,35	8,73	1,35	9,69	1,34	10,35	1,33
	23	6,92	1,50	7,68	1,49	8,27	1,48	8,57	1,48	9,51	1,47	10,16	1,46
	27	6,75	1,67	7,48	1,67	8,05	1,67	8,34	1,67	9,25	1,66	9,88	1,66
	31	6,56	1,87	7,26	1,88	7,82	1,88	8,10	1,88	8,98	1,88	9,59	1,88
	35	6,35	2,10	7,03	2,10	7,56	2,11	7,84	2,11	8,69	2,12	9,28	2,12
	39	6,13	2,35	6,78	2,36	7,30	2,36	7,56	2,37	8,39	2,38	8,96	2,39
	43	5,89	2,62	6,51	2,63	7,01	2,64	7,27	2,65	8,07	2,66	8,62	2,68
	46	5,70	2,84	6,30	2,85	6,79	2,87	7,04	2,87	7,81	2,89	8,35	2,91
60%	10	6,22	0,89	6,95	0,87	7,52	0,85	7,81	0,84	8,72	0,81	9,35	0,79
	14	6,12	0,97	6,83	0,95	7,39	0,93	7,68	0,93	8,56	0,90	9,17	0,89
	18	6,01	1,07	6,70	1,05	7,25	1,04	7,52	1,04	8,38	1,02	8,98	1,01
	20	5,95	1,13	6,63	1,11	7,17	1,10	7,44	1,10	8,29	1,08	8,88	1,07
	23	5,86	1,23	6,52	1,22	7,05	1,21	7,31	1,20	8,15	1,19	8,72	1,19
	27	5,72	1,38	6,36	1,37	6,87	1,37	7,13	1,36	7,94	1,36	8,50	1,35
	31	5,57	1,55	6,19	1,55	6,68	1,54	6,93	1,54	7,72	1,54	8,26	1,54
	35	5,40	1,74	6,00	1,74	6,48	1,75	6,72	1,75	7,48	1,75	8,01	1,75
	39	5,22	1,96	5,79	1,97	6,26	1,97	6,49	1,97	7,23	1,98	7,74	1,99
	43	5,02	2,20	5,58	2,21	6,02	2,22	6,25	2,22	6,96	2,23	7,45	2,24
	46	4,87	2,39	5,40	2,41	5,83	2,42	6,06	2,42	6,75	2,44	7,23	2,45
50%	10	4,98	0,73	5,63	0,71	6,13	0,69	6,39	0,68	7,19	0,66	7,74	0,65
	14	4,93	0,78	5,55	0,76	6,05	0,75	6,30	0,74	7,07	0,73	7,61	0,71
	18	4,86	0,85	5,47	0,84	5,95	0,83	6,19	0,82	6,95	0,81	7,48	0,80
	20	4,82	0,89	5,42	0,88	5,89	0,87	6,13	0,87	6,88	0,86	7,40	0,85
	23	4,75	0,97	5,34	0,96	5,81	0,95	6,04	0,95	6,78	0,94	7,29	0,94
	27	4,66	1,09	5,23	1,08	5,68	1,08	5,91	1,08	6,62	1,07	7,12	1,07
	31	4,55	1,22	5,10	1,22	5,54	1,22	5,76	1,22	6,46	1,22	6,94	1,22
	35	4,43	1,38	4,96	1,38	5,38	1,38	5,60	1,38	6,27	1,39	6,74	1,39
	39	4,29	1,56	4,80	1,56	5,22	1,57	5,42	1,57	6,08	1,58	6,53	1,58
	43	4,14	1,76	4,63	1,76	5,03	1,77	5,23	1,77	5,87	1,79	6,30	1,80
	46	4,02	1,92	4,50	1,93	4,88	1,94	5,08	1,94	5,70	1,96	6,12	1,97

3D052905

Symbols:

TC: Total capacity (kW)
PI: Power input (kW)

Notes:

1. This table shows outdoor unit cooling capacity and power input.
2. ☐ Is specified point.
3. PI of indoor units is not included in the table.

5 Capacity tables

5 - 1 Cooling capacity tables

RMXS140EV- Cooling capacity

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14 °C		16 °C		18 °C		19 °C		22 °C		24 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	14,84	2,78	16,49	2,79	17,75	2,79	18,37	2,80	20,25	2,81	21,56	2,82
	14	14,55	2,98	16,14	2,99	17,36	3,01	17,96	3,02	19,79	3,05	21,05	3,07
	18	14,23	3,20	15,76	3,23	16,94	3,26	17,52	3,27	19,29	3,31	20,51	3,35
	20	14,06	3,32	15,56	3,36	16,72	3,39	17,29	3,41	19,03	3,46	20,23	3,50
	23	13,78	3,53	15,24	3,57	16,37	3,61	16,93	3,63	18,62	3,69	19,79	3,73
	27	13,39	3,82	14,78	3,88	15,87	3,93	16,41	3,95	18,04	4,03	19,18	4,08
	31	12,96	4,15	14,29	4,22	15,34	4,28	15,86	4,30	17,43	4,39	18,52	4,45
	35	12,49	4,51	13,77	4,59	14,77	4,65	15,27	4,69	16,78	4,78	17,83	4,85
	39	11,99	4,90	13,20	4,99	14,16	5,06	14,64	5,10	16,73	5,13	17,65	5,13
	43	11,47	5,13	12,53	5,13	13,35	5,13	13,75	5,13	14,95	5,13	15,78	5,13
	46	8,69	4,10	9,52	4,10	10,16	4,10	10,49	4,10	11,42	4,10	12,17	4,10
120%	10	14,57	2,74	16,21	2,74	17,45	2,74	18,05	2,75	19,90	2,76	21,20	2,77
	14	14,30	2,92	15,88	2,94	17,07	2,95	17,66	2,96	19,46	2,99	20,71	3,01
	18	14,00	3,14	15,52	3,17	16,67	3,20	17,24	3,21	18,98	3,25	20,20	3,28
	20	13,83	3,26	15,32	3,30	16,46	3,33	17,02	3,34	18,73	3,39	19,93	3,43
	23	13,57	3,46	15,02	3,50	16,12	3,54	16,67	3,56	18,34	3,62	19,50	3,66
	27	13,19	3,75	14,58	3,81	15,65	3,85	16,17	3,87	17,79	3,95	18,91	4,00
	31	12,78	4,07	14,11	4,14	15,13	4,19	15,64	4,22	17,20	4,30	18,28	4,36
	35	12,33	4,43	13,60	4,50	14,58	4,57	15,07	4,60	16,57	4,69	17,61	4,76
	39	11,84	4,81	13,05	4,90	14,00	4,97	14,46	5,00	15,90	5,11	17,43	5,13
	43	11,33	5,13	12,37	5,13	13,18	5,13	13,58	5,13	14,77	5,13	15,59	5,13
	46	8,58	4,10	9,40	4,10	10,03	4,10	10,36	4,10	11,27	4,10	12,02	4,10
110%	10	14,29	2,68	15,93	2,68	17,17	2,68	17,76	2,68	19,61	2,69	20,90	2,70
	14	14,03	2,86	15,61	2,87	16,81	2,89	17,39	2,89	19,18	2,92	20,43	2,94
	18	13,74	3,07	15,26	3,10	16,42	3,12	16,98	3,14	18,72	3,17	19,93	3,20
	20	13,58	3,19	15,08	3,23	16,22	3,25	16,77	3,27	18,47	3,31	19,67	3,35
	23	13,33	3,39	14,78	3,43	15,89	3,46	16,43	3,48	18,09	3,54	19,26	3,57
	27	12,97	3,67	14,36	3,73	15,43	3,77	15,94	3,79	17,55	3,86	18,68	3,91
	31	12,57	3,99	13,90	4,06	14,93	4,11	15,43	4,13	16,98	4,21	18,06	4,27
	35	12,13	4,34	13,40	4,42	14,39	4,48	14,87	4,51	16,37	4,60	17,41	4,66
	39	11,66	4,73	12,87	4,81	13,82	4,88	14,28	4,91	15,72	5,01	16,73	5,08
	43	11,19	5,13	12,22	5,13	13,02	5,13	13,41	5,13	14,58	5,13	15,39	5,13
	46	8,47	4,10	9,28	4,10	9,90	4,10	10,22	4,10	11,13	4,10	11,86	4,10
100%	10	13,35	2,45	14,93	2,44	16,14	2,44	16,70	2,44	18,47	2,45	19,72	2,45
	14	13,11	2,62	14,64	2,63	15,80	2,64	16,35	2,65	18,07	2,66	19,28	2,68
	18	12,83	2,83	14,31	2,85	15,44	2,87	15,97	2,87	17,63	2,90	18,80	2,93
	20	12,69	2,94	14,14	2,97	15,25	2,99	15,77	3,00	17,40	3,04	18,56	3,06
	23	12,45	3,12	13,86	3,16	14,94	3,19	15,45	3,20	17,04	3,25	18,17	3,28
	27	12,12	3,39	13,46	3,44	14,51	3,48	15,00	3,50	16,54	3,55	17,63	3,59
	31	11,74	3,69	13,04	3,75	14,04	3,80	14,52	3,82	16,00	3,89	17,05	3,94
	35	11,34	4,02	12,58	4,09	13,54	4,14	14,00	4,17	15,43	4,25	16,49	4,30
	39	10,91	4,39	12,08	4,46	13,01	4,52	13,45	4,55	14,82	4,64	15,80	4,70
	43	10,44	4,78	11,56	4,86	12,44	4,93	12,86	4,96	14,18	5,05	15,11	5,12
	46	8,37	4,10	9,17	4,10	9,78	4,10	10,09	4,10	10,99	4,10	11,71	4,10

3D052906

Symbols:
TC: Total capacity (kW)
PI: Power input (kW)

Notes:
1. This table shows outdoor unit cooling capacity and power input.
2. ☐ Is specified point.
3. PI of indoor units is not included in the table.

5 Capacity tables

5 - 1 Cooling capacity tables

RMXS140EV- Cooling capacity

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14 °C		16 °C		18 °C		19 °C		22 °C		24 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	10	11,97	2,05	13,39	2,04	14,47	2,04	15,01	2,03	16,63	2,02	17,76	2,02
	14	11,75	2,22	13,12	2,22	14,17	2,22	14,69	2,22	16,26	2,23	17,36	2,23
	18	11,50	2,42	12,83	2,43	13,84	2,44	14,35	2,44	15,87	2,45	16,94	2,46
	20	11,37	2,53	12,67	2,54	13,67	2,55	14,17	2,56	15,66	2,58	16,71	2,59
	23	11,16	2,70	12,43	2,72	13,40	2,74	13,88	2,75	15,34	2,77	16,37	2,79
	27	10,86	2,95	12,07	2,98	13,01	3,01	13,48	3,02	14,89	3,06	15,89	3,08
	31	10,53	3,23	11,70	3,27	12,60	3,30	13,06	3,32	14,42	3,36	15,37	3,39
	35	10,18	3,54	11,29	3,59	12,16	3,62	12,60	3,64	13,91	3,69	14,87	3,73
	39	9,80	3,87	10,86	3,93	11,69	3,97	12,12	3,99	13,38	4,05	14,27	4,09
	43	9,39	4,23	10,40	4,29	11,20	4,34	11,60	4,36	12,82	4,43	13,67	4,48
	46	8,26	4,10	9,05	4,10	9,65	4,10	9,96	4,10	10,85	4,10	11,56	4,10
80%	10	10,60	1,68	11,86	1,67	12,81	1,65	13,31	1,65	14,77	1,63	15,78	1,62
	14	10,40	1,84	11,62	1,83	12,54	1,83	13,03	1,82	14,44	1,81	15,43	1,81
	18	10,19	2,02	11,36	2,02	12,25	2,02	12,73	2,02	14,10	2,02	15,06	2,02
	20	10,07	2,12	11,22	2,12	12,10	2,13	12,57	2,13	13,92	2,13	14,86	2,13
	23	9,88	2,28	11,01	2,29	11,86	2,30	12,32	2,30	13,64	2,31	14,56	2,32
	27	9,62	2,51	10,70	2,53	11,53	2,54	11,97	2,55	13,24	2,57	14,14	2,58
	31	9,33	2,77	10,37	2,79	11,17	2,81	11,60	2,82	12,83	2,84	13,69	2,86
	35	9,03	3,05	10,02	3,08	10,79	3,10	11,20	3,11	12,39	3,15	13,22	3,17
	39	8,70	3,35	9,64	3,39	10,39	3,41	10,78	3,43	11,93	3,47	12,73	3,50
	43	8,34	3,68	9,25	3,72	9,96	3,75	10,34	3,77	11,44	3,81	12,21	3,84
	46	8,06	3,94	8,93	3,98	9,52	4,02	9,89	4,03	10,68	4,08	11,41	4,10
70%	10	9,24	1,34	10,33	1,32	11,16	1,30	11,61	1,30	12,89	1,27	13,78	1,25
	14	9,07	1,48	10,13	1,46	10,93	1,45	11,37	1,45	12,61	1,43	13,48	1,42
	18	8,88	1,64	9,90	1,63	10,68	1,62	11,11	1,62	12,32	1,61	13,16	1,60
	20	8,78	1,72	9,79	1,72	10,55	1,72	10,97	1,71	12,16	1,71	13,00	1,70
	23	8,62	1,87	9,60	1,87	10,35	1,86	10,76	1,86	11,92	1,86	12,74	1,86
	27	8,39	2,07	9,34	2,08	10,06	2,08	10,46	2,08	11,59	2,09	12,38	2,09
	31	8,15	2,30	9,06	2,31	9,76	2,32	10,14	2,32	11,23	2,33	12,00	2,34
	35	7,88	2,55	8,76	2,57	9,43	2,58	9,80	2,58	10,86	2,60	11,59	2,61
	39	7,60	2,82	8,44	2,84	9,09	2,86	9,44	2,87	10,46	2,89	11,17	2,90
	43	7,30	3,11	8,10	3,14	8,72	3,16	9,06	3,17	10,05	3,20	10,73	3,22
	46	7,06	3,34	7,83	3,37	8,44	3,40	8,77	3,41	9,72	3,44	10,39	3,46
60%	10	7,88	1,03	8,81	1,01	9,51	0,99	9,90	0,98	11,00	0,96	11,77	0,94
	14	7,74	1,14	8,64	1,12	9,33	1,11	9,70	1,10	10,78	1,08	11,52	1,07
	18	7,58	1,27	8,46	1,26	9,12	1,25	9,48	1,24	10,53	1,23	11,26	1,22
	20	7,50	1,34	8,36	1,33	9,02	1,32	9,37	1,32	10,40	1,31	11,12	1,30
	23	7,37	1,46	8,21	1,45	8,85	1,45	9,20	1,44	10,21	1,44	10,91	1,43
	27	7,18	1,63	7,99	1,63	8,61	1,63	8,95	1,63	9,93	1,63	10,61	1,62
	31	6,98	1,82	7,75	1,83	8,36	1,83	8,68	1,83	9,63	1,83	10,29	1,84
	35	6,75	2,04	7,50	2,05	8,09	2,05	8,40	2,06	9,32	2,06	9,96	2,07
	39	6,52	2,27	7,24	2,29	7,80	2,29	8,10	2,30	8,99	2,31	9,60	2,32
	43	6,26	2,53	6,95	2,55	7,49	2,56	7,78	2,56	8,64	2,58	9,23	2,59
	46	6,06	2,74	6,72	2,75	7,25	2,77	7,53	2,78	8,36	2,80	8,94	2,81
50%	10	6,52	0,75	7,29	0,73	7,87	0,72	8,17	0,71	9,10	0,69	9,73	0,67
	14	6,42	0,82	7,17	0,81	7,73	0,79	8,03	0,79	8,93	0,77	9,54	0,76
	18	6,30	0,91	7,03	0,90	7,58	0,89	7,86	0,89	8,74	0,87	9,34	0,87
	20	6,23	0,97	6,95	0,95	7,49	0,95	7,77	0,94	8,64	0,93	9,23	0,93
	23	6,13	1,05	6,83	1,05	7,36	1,04	7,64	1,04	8,48	1,03	9,07	1,03
	27	5,98	1,19	6,66	1,18	7,17	1,18	7,44	1,18	8,26	1,18	8,83	1,18
	31	5,82	1,34	6,47	1,34	6,97	1,34	7,23	1,34	8,03	1,35	8,58	1,35
	35	5,64	1,52	6,26	1,52	6,75	1,52	7,00	1,53	7,77	1,53	8,32	1,54
	39	5,44	1,71	6,04	1,72	6,51	1,73	6,76	1,73	7,50	1,74	8,02	1,75
	43	5,23	1,93	5,81	1,94	6,26	1,95	6,49	1,95	7,22	1,97	7,72	1,98
	46	5,06	2,10	5,62	2,12	6,06	2,13	6,29	2,13	6,99	2,15	7,48	2,16

3D052906

Symbols:

TC: Total capacity (kW)
PI: Power input (kW)

Notes:

1. This table shows outdoor unit cooling capacity and power input.
2. ☐ Is specified point.
3. PI of indoor units is not included in the table.

5 Capacity tables

5 - 1 Cooling capacity tables

RMXS160EV- Cooling capacity

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14 °C		16 °C		18 °C		19 °C		22 °C		24 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	15,66	2,95	17,65	2,96	19,02	2,97	19,67	2,98	21,69	3,00	23,08	3,02
	14	15,37	3,16	17,28	3,19	18,60	3,21	19,24	3,22	21,20	3,26	22,54	3,29
	18	15,04	3,40	16,88	3,45	18,16	3,48	18,77	3,50	20,67	3,55	21,97	3,59
	20	14,86	3,54	16,66	3,59	17,92	3,63	18,53	3,65	20,39	3,71	21,67	3,76
	23	14,58	3,75	16,32	3,82	17,55	3,87	18,14	3,89	19,95	3,96	21,20	4,02
	27	14,17	4,08	15,84	4,15	17,02	4,21	17,59	4,24	19,34	4,33	20,55	4,39
	31	13,72	4,43	15,32	4,53	16,45	4,59	17,00	4,63	18,69	4,73	19,86	4,80
	35	13,23	4,82	14,76	4,93	15,85	5,01	16,38	5,04	18,00	5,16	19,12	5,24
	39	12,71	5,25	13,66	5,27	14,69	5,27	15,07	5,27	16,42	5,27	17,33	5,27
	43	11,23	5,27	12,29	5,27	13,20	5,27	13,55	5,27	14,79	5,27	15,62	5,27
	46	8,69	4,18	9,63	4,18	10,28	4,18	10,59	4,18	11,63	4,18	12,50	4,18
120%	10	15,31	2,96	17,25	2,97	18,60	2,98	19,26	2,98	21,28	3,00	22,66	3,02
	14	15,03	3,16	16,90	3,19	18,21	3,21	18,85	3,22	20,80	3,26	22,14	3,29
	18	14,71	3,40	16,52	3,45	17,78	3,48	18,40	3,49	20,29	3,55	21,59	3,59
	20	14,54	3,54	16,31	3,59	17,55	3,63	18,16	3,64	20,02	3,71	21,30	3,75
	23	14,27	3,75	15,99	3,82	17,19	3,86	17,79	3,88	19,60	3,96	20,85	4,01
	27	13,88	4,07	15,52	4,15	16,69	4,21	17,26	4,23	19,01	4,32	20,21	4,39
	31	13,45	4,43	15,02	4,52	16,14	4,59	16,69	4,62	18,38	4,72	19,54	4,79
	35	12,98	4,82	14,48	4,92	15,56	5,00	16,08	5,04	17,71	5,15	18,83	5,23
	39	12,47	5,25	13,49	5,27	14,51	5,27	14,88	5,27	16,22	5,27	17,11	5,27
	43	11,09	5,27	12,14	5,27	13,03	5,27	13,38	5,27	14,60	5,27	15,42	5,27
	46	8,58	4,18	9,51	4,18	10,15	4,18	10,46	4,18	11,49	4,18	12,34	4,18
110%	10	14,97	2,96	16,86	2,97	18,19	2,97	18,85	2,98	20,87	3,00	22,25	3,02
	14	14,70	3,17	16,53	3,19	17,81	3,20	18,45	3,22	20,41	3,26	21,75	3,29
	18	14,40	3,40	16,16	3,45	17,40	3,47	18,02	3,49	19,92	3,55	21,22	3,58
	20	14,24	3,54	15,96	3,59	17,18	3,61	17,79	3,64	19,66	3,70	20,94	3,75
	23	13,98	3,75	15,65	3,81	16,84	3,85	17,44	3,88	19,26	3,95	20,50	4,01
	27	13,60	4,07	15,21	4,15	16,35	4,19	16,93	4,23	18,68	4,32	19,88	4,38
	31	13,19	4,42	14,72	4,51	15,83	4,57	16,38	4,61	18,07	4,71	19,23	4,79
	35	12,74	4,81	14,20	4,92	15,26	4,98	15,79	5,03	17,43	5,14	18,54	5,22
	39	12,25	5,24	13,31	5,27	14,33	5,27	14,69	5,27	16,01	5,27	16,89	5,27
	43	10,95	5,27	11,98	5,27	12,87	5,27	13,21	5,27	14,42	5,27	15,23	5,27
	46	8,47	4,18	9,39	4,18	10,02	4,18	10,33	4,18	11,34	4,18	12,18	4,18
100%	10	14,64	2,97	16,48	2,98	17,77	2,95	18,44	2,99	20,47	3,01	21,84	3,02
	14	14,39	3,17	16,16	3,19	17,42	3,18	18,06	3,22	20,03	3,26	21,36	3,29
	18	14,10	3,41	15,91	3,45	17,03	3,44	17,65	3,49	19,56	3,54	20,84	3,58
	20	13,94	3,54	15,63	3,58	16,82	3,58	17,43	3,64	19,31	3,70	20,57	3,74
	23	13,70	3,75	15,33	3,81	16,49	3,82	17,09	3,88	18,91	3,95	20,15	4,00
	27	13,33	4,07	14,90	4,14	16,02	4,15	16,60	4,22	18,36	4,31	19,55	4,37
	31	12,93	4,42	14,43	4,51	15,51	4,53	16,07	4,60	17,77	4,71	18,92	4,78
	35	12,50	4,81	13,93	4,91	14,97	4,93	15,50	5,02	17,14	5,14	18,25	5,22
	39	12,02	5,24	13,14	5,27	14,14	5,27	14,50	5,27	15,81	5,27	16,68	5,27
	43	10,81	5,27	11,83	5,27	12,70	5,27	13,04	5,27	14,23	5,27	15,03	5,27
	46	8,36	4,18	9,27	4,18	9,89	4,18	10,19	4,18	11,20	4,18	12,03	4,18

3D052907

Symbols:
TC: Total capacity (kW)
PI: Power input (kW)

Notes:
1. This table shows outdoor unit cooling capacity and power input.
2. ☐ Is specified point.
3. PI of indoor units is not included in the table.

5 Capacity tables

5 - 1 Cooling capacity tables

RMXS160EV- Cooling capacity

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CWB											
		14 °C		16 °C		18 °C		19 °C		22 °C		24 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	10	13,05	2,49	14,64	2,49	15,89	2,47	16,49	2,49	18,34	2,49	19,60	2,49
	14	12,83	2,68	14,37	2,69	15,58	2,68	16,17	2,71	17,96	2,72	19,18	2,74
	18	12,59	2,90	14,17	2,93	15,24	2,93	15,81	2,95	17,55	2,98	18,73	3,01
	20	12,45	3,02	13,91	3,05	15,06	3,06	15,62	3,09	17,33	3,13	18,50	3,15
	23	12,24	3,22	13,65	3,26	14,77	3,27	15,32	3,31	16,99	3,35	18,13	3,39
	27	11,92	3,51	13,28	3,56	14,37	3,58	14,89	3,62	16,51	3,68	17,61	3,72
	31	11,58	3,83	12,89	3,89	13,93	3,92	14,44	3,96	16,00	4,04	17,06	4,09
	35	11,20	4,18	12,46	4,26	13,46	4,29	13,95	4,34	15,46	4,42	16,48	4,48
	39	10,80	4,57	11,99	4,65	12,96	4,68	13,43	4,74	14,88	4,84	15,87	4,90
	43	10,36	4,98	11,50	5,07	12,42	5,11	12,88	5,18	14,05	5,27	14,84	5,27
	46	8,25	4,18	9,15	4,18	9,76	4,18	10,06	4,18	11,05	4,18	11,87	4,18
80%	10	11,51	2,02	12,92	2,02	14,04	2,00	14,59	2,00	16,25	1,99	17,38	1,99
	14	11,32	2,20	12,69	2,20	13,77	2,19	14,30	2,20	15,92	2,20	17,02	2,20
	18	11,11	2,40	12,53	2,41	13,48	2,41	13,99	2,42	15,56	2,43	16,63	2,44
	20	10,99	2,51	12,29	2,53	13,33	2,53	13,83	2,54	15,38	2,56	16,43	2,57
	23	10,81	2,69	12,07	2,71	13,08	2,72	13,57	2,74	15,08	2,76	16,11	2,78
	27	10,54	2,95	11,76	2,98	12,73	3,00	13,21	3,02	14,67	3,05	15,67	3,08
	31	10,25	3,24	11,41	3,28	12,36	3,30	12,82	3,32	14,23	3,37	15,19	3,40
	35	9,93	3,55	11,05	3,60	11,96	3,63	12,40	3,66	13,76	3,71	14,69	3,75
	39	9,58	3,89	10,65	3,95	11,53	3,98	11,96	4,01	13,27	4,08	14,17	4,12
	43	9,21	4,26	10,23	4,33	11,07	4,37	11,48	4,40	12,75	4,47	13,61	4,52
	46	8,14	4,18	9,03	4,18	9,63	4,18	9,93	4,18	10,90	4,18	11,72	4,18
70%	10	10,02	1,57	11,32	1,56	12,24	1,55	12,72	1,54	14,19	1,52	15,19	1,51
	14	9,85	1,72	11,12	1,72	12,01	1,71	12,47	1,71	13,90	1,70	14,87	1,69
	18	9,67	1,90	10,99	1,90	11,76	1,90	12,21	1,90	13,60	1,90	14,54	1,90
	20	9,57	2,00	10,77	2,00	11,62	2,00	12,07	2,00	13,44	2,01	14,37	2,01
	23	9,41	2,15	10,58	2,16	11,41	2,17	11,85	2,17	13,19	2,18	14,10	2,19
	27	9,18	2,38	10,31	2,40	11,12	2,41	11,54	2,42	12,84	2,43	13,72	2,45
	31	8,93	2,63	10,02	2,66	10,80	2,67	11,21	2,68	12,46	2,71	13,32	2,73
	35	8,66	2,91	9,70	2,94	10,45	2,96	10,85	2,97	12,06	3,01	12,89	3,03
	39	8,37	3,21	9,37	3,25	10,09	3,27	10,47	3,29	11,64	3,33	12,44	3,36
	43	8,05	3,53	9,00	3,58	9,70	3,61	10,07	3,63	11,20	3,67	11,97	3,71
	46	7,80	3,79	8,72	3,84	9,40	3,88	9,75	3,89	10,85	3,95	11,53	3,98
60%	10	8,56	1,14	9,84	1,12	10,47	1,11	10,89	1,10	12,15	1,07	13,01	1,05
	14	8,42	1,26	9,66	1,24	10,28	1,24	10,68	1,23	11,91	1,21	12,75	1,20
	18	8,27	1,41	9,56	1,39	10,06	1,39	10,45	1,39	11,65	1,38	12,47	1,37
	20	8,18	1,48	9,36	1,48	9,95	1,48	10,34	1,47	11,52	1,47	12,32	1,46
	23	8,05	1,61	9,19	1,61	9,77	1,61	10,15	1,61	11,31	1,61	12,09	1,61
	27	7,85	1,81	8,95	1,81	9,52	1,82	9,89	1,82	11,01	1,82	11,77	1,83
	31	7,64	2,02	8,70	2,03	9,25	2,04	9,60	2,04	10,69	2,05	11,43	2,06
	35	7,41	2,26	8,42	2,28	8,96	2,29	9,30	2,29	10,35	2,31	11,07	2,32
	39	7,16	2,52	8,13	2,54	8,65	2,56	8,98	2,56	9,99	2,59	10,69	2,60
	43	6,89	2,80	7,82	2,83	8,32	2,85	8,64	2,85	9,62	2,88	10,29	2,90
	46	6,67	3,02	7,57	3,06	8,06	3,08	8,37	3,09	9,32	3,12	10,12	3,14
50%	10	7,16	0,73	8,47	0,69	8,75	0,68	9,09	0,67	10,15	0,65	10,87	0,63
	14	7,04	0,81	8,31	0,78	8,58	0,77	8,92	0,77	9,95	0,75	10,65	0,74
	18	6,90	0,92	8,23	0,90	8,40	0,89	8,73	0,88	9,73	0,87	10,41	0,86
	20	6,83	0,98	8,04	0,96	8,31	0,95	8,63	0,95	9,61	0,94	10,29	0,93
	23	6,71	1,08	7,89	1,07	8,15	1,06	8,47	1,06	9,44	1,05	10,10	1,05
	27	6,55	1,23	7,68	1,22	7,94	1,22	8,25	1,22	9,18	1,22	9,82	1,22
	31	6,36	1,40	7,45	1,40	7,71	1,40	8,01	1,40	8,91	1,41	9,54	1,41
	35	6,17	1,60	7,20	1,61	7,46	1,60	7,75	1,61	8,63	1,62	9,23	1,62
	39	5,95	1,81	6,94	1,83	7,20	1,83	7,48	1,83	8,33	1,85	8,91	1,86
	43	5,72	2,05	6,66	2,07	6,92	2,07	7,19	2,08	8,01	2,10	8,57	2,11
	46	5,54	2,24	6,44	2,27	6,70	2,27	6,96	2,28	7,76	2,30	8,25	2,32

3D052907

Symbols:

TC: Total capacity (kW)
PI: Power input (kW)

Notes:

1. This table shows outdoor unit cooling capacity and power input.
2. ☐ Is specified point.
3. PI of indoor units is not included in the table.

5 Capacity tables

5 - 2 Heating capacity tables

RMXS112EV- Heating capacity

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CDB											
		14 °C		16 °C		18 °C		19 °C		22 °C		24 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	−15	7,77	3,23	7,79	3,34	7,81	3,46	7,81	3,53	7,82	3,59	7,83	3,71
	−11	8,83	3,31	8,82	3,44	8,81	3,57	8,81	3,64	8,80	3,70	8,79	3,83
	−7	9,95	3,41	9,93	3,54	9,89	3,68	9,88	3,76	9,86	3,82	9,83	3,95
	−3	11,14	3,51	11,09	3,66	11,04	3,81	11,02	3,89	10,99	3,96	10,95	4,09
	0	12,07	3,60	12,01	3,75	11,95	3,91	11,91	3,99	11,88	4,07	11,83	4,21
	2	12,71	3,66	12,64	3,82	12,57	3,98	12,53	4,07	12,49	4,15	12,43	4,29
	6	14,03	3,80	13,94	3,97	13,85	4,14	13,80	4,24	13,76	4,31	13,69	4,46
	10	15,41	3,95	15,30	4,13	15,19	4,32	15,13	4,41	15,08	4,50	15,00	4,65
	12	16,11	4,04	15,99	4,22	15,88	4,41	15,82	4,51	15,77	4,60	15,68	4,75
	15	17,19	4,17	17,06	4,37	16,93	4,56	16,87	4,67	16,81	4,76	16,72	4,91
120%	−15	7,80	3,10	7,82	3,21	7,83	3,34	7,83	3,40	7,84	3,47	7,84	3,63
	−11	8,83	3,20	8,82	3,33	8,81	3,47	8,80	3,54	8,79	3,61	8,77	3,77
	−7	9,92	3,33	9,89	3,46	9,85	3,61	9,84	3,68	9,82	3,76	9,77	3,94
	−3	11,08	3,46	11,02	3,61	10,97	3,76	10,94	3,84	10,91	3,93	10,84	4,12
	0	11,98	3,58	11,91	3,73	11,84	3,89	11,80	3,98	11,77	4,06	11,68	4,27
	2	12,59	3,66	12,52	3,82	12,44	3,99	12,40	4,07	12,35	4,16	12,26	4,37
	6	13,87	3,83	13,77	4,01	13,67	4,18	13,62	4,28	13,57	4,37	13,45	4,59
	10	15,18	4,03	15,07	4,21	14,96	4,40	14,90	4,50	14,84	4,60	14,70	4,84
	12	15,86	4,14	15,74	4,33	15,62	4,52	15,56	4,62	15,50	4,72	15,35	4,97
	15	16,90	4,31	16,77	4,51	16,64	4,71	16,57	4,81	16,50	4,92	16,34	5,18
110%	−15	7,68	3,07	7,69	3,19	7,71	3,32	7,71	3,39	7,71	3,46	7,72	3,61
	−11	8,70	3,19	8,69	3,32	8,68	3,46	8,67	3,53	8,66	3,60	8,64	3,77
	−7	9,78	3,32	9,75	3,46	9,71	3,61	9,69	3,69	9,67	3,76	9,63	3,94
	−3	10,92	3,47	10,87	3,62	10,81	3,78	10,78	3,86	10,75	3,94	10,68	4,13
	0	11,81	3,59	11,74	3,75	11,67	3,91	11,63	4,00	11,60	4,09	11,51	4,28
	2	12,42	3,68	12,34	3,84	12,26	4,01	12,22	4,10	12,17	4,19	12,08	4,39
	6	13,67	3,86	13,57	4,04	13,47	4,22	13,42	4,31	13,37	4,41	13,26	4,63
	10	14,96	4,07	14,85	4,26	14,74	4,45	14,68	4,55	14,62	4,65	14,49	4,88
	12	15,63	4,19	15,51	4,38	15,39	4,58	15,32	4,68	15,26	4,78	15,12	5,02
	15	16,64	4,37	16,51	4,57	16,38	4,78	16,31	4,88	16,24	4,99	16,09	5,24
100%	−15	6,99	2,91	7,00	3,02	7,01	3,15	7,01	3,21	7,02	3,27	7,02	3,38
	−11	7,96	3,01	7,95	3,14	7,94	3,27	7,93	3,34	7,93	3,40	7,92	3,51
	−7	8,99	3,12	8,96	3,26	8,93	3,40	8,91	3,47	8,90	3,54	8,87	3,65
	−3	10,07	3,25	10,02	3,39	9,97	3,55	9,94	3,62	9,92	3,69	9,89	3,80
	0	10,92	3,37	10,85	3,51	10,79	3,66	10,75	3,75	10,73	3,82	10,68	3,93
	2	11,49	3,43	11,42	3,59	11,35	3,75	11,31	3,83	11,28	3,90	11,23	4,02
	6	12,68	3,59	12,59	3,76	12,50	3,93	12,45	4,02	12,42	4,09	12,36	4,20
	10	13,91	3,77	13,80	3,95	13,70	4,13	13,64	4,22	13,60	4,30	13,54	4,41
	12	14,54	3,86	14,43	4,05	14,31	4,24	14,26	4,33	14,21	4,41	14,15	4,52
	15	15,50	4,02	15,38	4,21	15,26	4,41	15,19	4,51	15,14	4,59	15,08	4,69

3D052908

Symbols:
TC: Total capacity (kW)
PI: Power input (kW)

Notes:
1. This table shows outdoor unit cooling capacity and power input.
2. ☐ Is specified point.
3. PI of indoor units is not included in the table.

5 Capacity tables

5 - 2 Heating capacity tables

RMXS112EV- Heating capacity

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CDB											
		14 °C		16 °C		18 °C		19 °C		22 °C		24 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	−15	6,24	2,59	6,26	2,70	6,26	2,82	6,27	2,88	6,27	2,94	6,27	3,03
	−11	7,16	2,69	7,15	2,81	7,14	2,94	7,13	3,01	7,13	3,07	7,12	3,15
	−7	8,12	2,81	8,09	2,94	8,06	3,07	8,04	3,15	8,03	3,20	8,01	3,29
	−3	9,12	2,93	9,07	3,07	9,03	3,22	9,00	3,29	8,98	3,35	8,96	3,43
	0	9,90	3,05	9,84	3,18	9,78	3,34	9,75	3,42	9,72	3,48	9,69	3,55
	2	10,43	3,11	10,36	3,26	10,29	3,42	10,26	3,50	10,23	3,56	10,20	3,64
	6	11,52	3,27	11,44	3,43	11,35	3,59	11,31	3,68	11,28	3,74	11,24	3,81
	10	12,64	3,44	12,55	3,61	12,45	3,79	12,40	3,88	12,36	3,94	12,33	4,01
	12	13,22	3,54	13,11	3,71	13,01	3,89	12,95	3,99	12,92	4,05	12,88	4,11
	15	14,10	3,69	13,98	3,87	13,87	4,06	13,81	4,15	13,77	4,22	13,73	4,27
80%	−15	5,51	2,29	5,52	2,40	5,52	2,51	5,53	2,57	5,53	2,62	5,54	2,70
	−11	6,35	2,39	6,35	2,50	6,34	2,63	6,33	2,69	6,33	2,74	6,32	2,81
	−7	7,24	2,50	7,21	2,62	7,19	2,75	7,17	2,82	7,16	2,88	7,15	2,94
	−3	8,16	2,62	8,12	2,75	8,08	2,89	8,05	2,97	8,04	3,02	8,02	3,08
	0	8,88	2,73	8,82	2,86	8,77	3,01	8,74	3,08	8,72	3,14	8,70	3,19
	2	9,36	2,80	9,30	2,94	9,24	3,09	9,20	3,17	9,18	3,22	9,16	3,27
	6	10,36	2,95	10,28	3,10	10,20	3,26	10,16	3,34	10,14	3,40	10,12	3,44
	10	11,38	3,12	11,29	3,28	11,20	3,45	11,15	3,53	11,12	3,59	11,11	3,62
	12	11,90	3,21	11,81	3,38	11,71	3,55	11,66	3,64	11,63	3,69	11,61	3,72
	15	12,70	3,36	12,60	3,53	12,49	3,71	12,43	3,80	12,40	3,86	12,39	3,88
70%	−15	4,77	2,01	4,78	2,11	4,79	2,22	4,80	2,28	4,80	2,33	4,80	2,39
	−11	5,55	2,10	5,54	2,21	5,53	2,33	5,53	2,39	5,53	2,44	5,52	2,50
	−7	6,36	2,20	6,34	2,32	6,31	2,44	6,30	2,51	6,29	2,56	6,28	2,62
	−3	7,20	2,32	7,16	2,44	7,12	2,57	7,10	2,64	7,09	2,69	7,07	2,75
	0	7,85	2,42	7,80	2,54	7,75	2,68	7,73	2,76	7,71	2,80	7,69	2,85
	2	8,29	2,48	8,23	2,62	8,18	2,76	8,15	2,83	8,13	2,88	8,12	2,93
	6	9,19	2,63	9,12	2,77	9,05	2,92	9,02	3,00	9,00	3,05	8,98	3,09
	10	10,12	2,80	10,04	2,95	9,96	3,11	9,92	3,19	9,89	3,24	9,88	3,26
	12	10,59	2,89	10,51	3,04	10,42	3,20	10,38	3,29	10,35	3,34	10,34	3,36
	15	11,32	3,03	11,22	3,19	11,13	3,36	11,08	3,45	11,05	3,50	11,05	3,51
60%	−15	4,05	1,76	4,06	1,85	4,07	1,95	4,07	2,01	4,07	2,05	4,08	2,12
	−11	4,74	1,84	4,74	1,93	4,73	2,04	4,73	2,10	4,73	2,14	4,73	2,21
	−7	5,47	1,92	5,45	2,03	5,43	2,14	5,42	2,20	5,42	2,25	5,41	2,31
	−3	6,23	2,02	6,20	2,14	6,16	2,26	6,15	2,32	6,14	2,37	6,12	2,43
	0	6,81	2,11	6,77	2,23	6,73	2,36	6,71	2,43	6,69	2,47	6,68	2,53
	2	7,21	2,17	7,16	2,30	7,12	2,43	7,09	2,50	7,08	2,55	7,06	2,60
	6	8,03	2,31	7,97	2,45	7,91	2,59	7,88	2,66	7,86	2,71	7,84	2,76
	10	8,86	2,47	8,79	2,62	8,72	2,77	8,69	2,85	8,67	2,89	8,65	2,93
	12	9,29	2,56	9,22	2,71	9,14	2,86	9,10	2,95	9,08	2,99	9,07	3,02
	15	9,94	2,70	9,86	2,86	9,78	3,02	9,73	3,10	9,71	3,15	9,70	3,18
50%	−15	3,32	1,54	3,33	1,62	3,34	1,71	3,35	1,75	3,35	1,79	3,36	1,87
	−11	3,93	1,59	3,93	1,67	3,93	1,77	3,93	1,82	3,93	1,86	3,93	1,94
	−7	4,58	1,65	4,56	1,75	4,55	1,85	4,54	1,90	4,54	1,94	4,53	2,02
	−3	5,25	1,73	5,22	1,84	5,20	1,95	5,19	2,01	5,18	2,05	5,16	2,13
	0	5,77	1,81	5,74	1,92	5,70	2,04	5,69	2,10	5,68	2,14	5,65	2,22
	2	6,13	1,86	6,09	1,98	6,05	2,10	6,03	2,17	6,02	2,21	5,99	2,29
	6	6,86	1,99	6,81	2,12	6,76	2,25	6,73	2,32	6,72	2,37	6,69	2,45
	10	7,61	2,15	7,55	2,28	7,49	2,43	7,46	2,50	7,45	2,55	7,42	2,62
	12	8,00	2,24	7,93	2,37	7,87	2,52	7,84	2,60	7,82	2,64	7,79	2,72
	15	8,58	2,38	8,52	2,52	8,45	2,68	8,41	2,76	8,39	2,81	8,36	2,88

3D052908

Symbols:

TC: Total capacity (kW)
PI: Power input (kW)

Notes:

1. This table shows outdoor unit cooling capacity and power input.
2. ☐ Is specified point.
3. PI of indoor units is not included in the table.

5 Capacity tables

5 - 2 Heating capacity tables

RMXS140EV- Heating capacity

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CDB											
		14 °C		16 °C		18 °C		19 °C		22 °C		24 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	−15	9,54	3,36	9,57	3,46	9,59	3,58	9,60	3,64	9,61	3,70	9,63	3,83
	−11	10,79	3,44	10,79	3,55	10,79	3,68	10,78	3,74	10,78	3,81	10,76	3,95
	−7	12,14	3,53	12,11	3,65	12,07	3,79	12,06	3,86	12,04	3,93	12,00	4,08
	−3	13,57	3,63	13,51	3,76	13,45	3,91	13,42	3,98	13,39	4,06	13,32	4,22
	0	14,69	3,71	14,61	3,85	14,53	4,01	14,49	4,08	14,45	4,17	14,37	4,33
	2	15,46	3,77	15,36	3,92	15,28	4,08	15,23	4,16	15,19	4,24	15,09	4,42
	6	17,04	3,90	16,93	4,06	16,82	4,23	16,77	4,32	16,71	4,41	16,59	4,59
	10	18,69	4,05	18,56	4,22	18,43	4,40	18,36	4,49	18,30	4,59	18,16	4,78
	12	19,54	4,13	19,39	4,31	19,25	4,49	19,18	4,59	19,11	4,69	18,97	4,89
	15	20,84	4,26	20,67	4,45	20,52	4,64	20,45	4,74	20,37	4,84	20,21	5,05
120%	−15	9,51	3,41	9,53	3,52	9,55	3,65	9,56	3,71	9,56	3,78	9,57	3,92
	−11	10,72	3,51	10,72	3,63	10,71	3,77	10,70	3,84	10,69	3,91	10,67	4,06
	−7	12,03	3,63	12,00	3,76	11,96	3,90	11,94	3,98	11,92	4,06	11,87	4,22
	−3	13,41	3,76	13,35	3,90	13,29	4,06	13,26	4,14	13,22	4,22	13,15	4,39
	0	14,49	3,87	14,42	4,02	14,34	4,18	14,30	4,27	14,25	4,35	14,17	4,54
	2	15,24	3,94	15,15	4,10	15,06	4,27	15,01	4,36	14,96	4,45	14,86	4,64
	6	16,77	4,11	16,66	4,29	16,55	4,47	16,49	4,56	16,43	4,65	16,31	4,85
	10	18,36	4,31	18,23	4,49	18,10	4,68	18,03	4,78	17,96	4,88	17,82	5,09
	12	19,17	4,41	19,04	4,60	18,89	4,80	18,82	4,90	18,75	5,01	18,60	5,22
	15	20,42	4,58	20,27	4,78	20,11	4,99	20,04	5,09	19,96	5,20	19,79	5,43
110%	−15	9,44	3,48	9,46	3,60	9,48	3,73	9,48	3,80	9,49	3,87	9,50	4,03
	−11	10,63	3,60	10,62	3,73	10,61	3,88	10,60	3,95	10,59	4,03	10,57	4,19
	−7	11,90	3,74	11,86	3,88	11,82	4,04	11,80	4,12	11,78	4,20	11,73	4,37
	−3	13,25	3,90	13,18	4,05	13,12	4,22	13,08	4,30	13,05	4,39	12,97	4,58
	0	14,30	4,03	14,22	4,19	14,13	4,37	14,09	4,46	14,05	4,55	13,95	4,74
	2	15,02	4,12	14,93	4,29	14,83	4,47	14,78	4,57	14,73	4,66	14,63	4,86
	6	16,50	4,33	16,39	4,51	16,27	4,70	16,21	4,80	16,15	4,90	16,03	5,11
	10	18,04	4,56	17,91	4,75	17,77	4,96	17,70	5,06	17,63	5,17	17,49	5,40
	12	18,83	4,69	18,69	4,89	18,54	5,10	18,47	5,20	18,39	5,31	17,07	5,45
	15	20,03	4,89	19,88	5,10	19,72	5,32	19,64	5,43	18,39	5,45	17,44	5,45
100%	−15	9,35	3,57	9,37	3,70	9,38	3,84	9,39	3,91	9,39	3,99	9,39	4,15
	−11	10,51	3,71	10,50	3,85	10,49	4,00	10,48	4,08	10,46	4,16	10,44	4,33
	−7	11,76	3,87	11,72	4,02	11,67	4,18	11,65	4,27	11,62	4,35	11,57	4,54
	−3	13,07	4,05	13,00	4,21	12,93	4,39	12,90	4,48	12,86	4,57	12,78	4,76
	0	14,09	4,20	14,01	4,38	13,92	4,56	13,88	4,65	13,83	4,75	13,74	4,95
	2	14,79	4,31	14,70	4,49	14,60	4,68	14,55	4,77	14,50	4,87	14,39	5,08
	6	16,23	4,55	16,12	4,74	16,00	4,94	15,94	5,04	15,88	5,15	15,75	5,37
	10	17,73	4,81	17,59	5,02	17,46	5,23	17,39	5,34	17,44	5,45	16,56	5,45
	12	18,49	4,96	18,35	5,17	18,20	5,39	18,18	5,45	17,74	5,45	16,85	5,45
	15	19,66	5,18	19,51	5,41	19,08	5,45	18,61	5,45	18,16	5,45	17,22	5,45

3D052909

Symbols:
TC: Total capacity (kW)
PI: Power input (kW)

Notes:
1. This table shows outdoor unit cooling capacity and power input.
2. ☐ Is specified point.
3. PI of indoor units is not included in the table.

5 Capacity tables

5 - 2 Heating capacity tables

RMXS140EV- Heating capacity

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CDB											
		14 °C		16 °C		18 °C		19 °C		22 °C		24 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	−15	8,14	3,28	8,16	3,41	8,17	3,54	8,18	3,61	8,18	3,68	8,19	3,84
	−11	9,27	3,40	9,26	3,54	9,25	3,68	9,24	3,76	9,23	3,83	9,21	4,00
	−7	10,46	3,54	10,42	3,68	10,39	3,83	10,37	3,92	10,34	4,00	10,30	4,18
	−3	11,71	3,68	11,65	3,84	11,59	4,00	11,56	4,09	11,53	4,18	11,46	4,37
	0	12,68	3,81	12,61	3,97	12,53	4,14	12,49	4,23	12,45	4,32	12,37	4,52
	2	13,35	3,89	13,26	4,06	13,17	4,24	13,13	4,33	13,08	4,43	12,99	4,63
	6	14,71	4,08	14,61	4,26	14,50	4,45	14,45	4,55	14,39	4,65	14,27	4,86
	10	16,12	4,29	16,00	4,48	15,88	4,68	15,81	4,78	15,75	4,89	15,61	5,12
	12	16,84	4,40	16,71	4,60	16,58	4,80	16,51	4,91	16,44	5,02	16,30	5,25
	15	17,95	4,58	17,80	4,78	17,66	5,00	17,58	5,11	17,51	5,22	16,99	5,45
80%	−15	7,04	2,94	7,06	3,06	7,07	3,19	7,08	3,26	7,08	3,33	7,09	3,48
	−11	8,11	3,04	8,10	3,17	8,09	3,31	8,08	3,38	8,08	3,46	8,06	3,62
	−7	9,23	3,16	9,20	3,30	9,16	3,44	9,15	3,52	9,13	3,60	9,09	3,77
	−3	10,39	3,28	10,34	3,43	10,29	3,59	10,26	3,67	10,24	3,75	10,17	3,93
	0	11,30	3,39	11,24	3,54	11,17	3,70	11,13	3,79	11,10	3,87	11,02	4,06
	2	11,92	3,46	11,85	3,62	11,77	3,78	11,73	3,87	11,69	3,96	11,60	4,16
	6	13,19	3,61	13,10	3,78	13,00	3,96	12,95	4,05	12,90	4,14	12,80	4,35
	10	14,50	3,78	14,39	3,96	14,28	4,14	14,22	4,24	14,16	4,34	14,04	4,56
	12	15,17	3,88	15,05	4,06	14,93	4,25	14,87	4,35	14,81	4,45	14,67	4,67
	15	16,19	4,02	16,06	4,21	15,93	4,40	15,86	4,51	15,79	4,61	15,64	4,85
70%	−15	6,05	2,53	6,06	2,64	6,08	2,76	6,08	2,82	6,09	2,89	6,10	3,03
	−11	7,03	2,62	7,02	2,74	7,02	2,87	7,01	2,94	7,01	3,01	7,00	3,16
	−7	8,06	2,73	8,03	2,85	8,00	2,99	7,99	3,06	7,97	3,13	7,94	3,29
	−3	9,13	2,84	9,08	2,98	9,04	3,12	9,01	3,20	8,99	3,27	8,93	3,44
	0	9,95	2,94	9,90	3,08	9,84	3,23	9,81	3,31	9,78	3,39	9,71	3,57
	2	10,52	3,00	10,45	3,15	10,38	3,30	10,35	3,38	10,31	3,47	10,24	3,65
	6	11,67	3,15	11,59	3,30	11,50	3,46	11,46	3,55	11,42	3,64	11,32	3,83
	10	12,86	3,30	12,76	3,47	12,66	3,64	12,61	3,73	12,56	3,82	12,45	4,02
	12	13,46	3,39	13,36	3,56	13,25	3,73	13,20	3,82	13,14	3,92	13,02	4,13
	15	14,39	3,52	14,27	3,70	14,15	3,88	14,10	3,97	14,03	4,07	13,90	4,29
60%	−15	5,17	2,05	5,18	2,15	5,19	2,25	5,20	2,31	5,20	2,37	5,22	2,49
	−11	6,04	2,14	6,04	2,25	6,03	2,36	6,03	2,42	6,02	2,48	6,02	2,61
	−7	6,96	2,24	6,93	2,36	6,91	2,48	6,90	2,54	6,88	2,61	6,86	2,75
	−3	7,90	2,36	7,87	2,48	7,82	2,61	7,80	2,68	7,78	2,75	7,74	2,90
	0	8,64	2,46	8,59	2,59	8,53	2,72	8,51	2,79	8,48	2,86	8,42	3,02
	2	9,14	2,53	9,08	2,66	9,02	2,80	8,99	2,87	8,96	2,95	8,89	3,11
	6	10,15	2,68	10,08	2,82	10,00	2,97	9,97	3,05	9,93	3,12	9,85	3,29
	10	11,20	2,85	11,11	3,00	11,02	3,16	10,98	3,24	10,94	3,32	10,84	3,50
	12	11,73	2,94	11,64	3,10	11,54	3,26	11,50	3,34	11,45	3,43	11,35	3,61
	15	12,55	3,09	12,45	3,25	12,34	3,42	12,29	3,50	12,24	3,59	12,12	3,79
50%	−15	4,40	1,55	4,41	1,63	4,42	1,72	4,43	1,77	4,43	1,81	4,45	1,91
	−11	5,14	1,64	5,14	1,73	5,14	1,83	5,13	1,87	5,13	1,92	5,12	2,03
	−7	5,92	1,74	5,90	1,84	5,88	1,95	5,87	2,00	5,86	2,05	5,84	2,17
	−3	6,73	1,87	6,70	1,97	6,66	2,09	6,64	2,14	6,62	2,20	6,59	2,32
	0	7,35	1,97	7,31	2,08	7,26	2,21	7,24	2,26	7,22	2,32	7,17	2,45
	2	7,78	2,05	7,73	2,17	7,67	2,29	7,65	2,35	7,62	2,41	7,57	2,54
	6	8,64	2,22	8,58	2,35	8,51	2,48	8,48	2,54	8,44	2,61	8,38	2,75
	10	9,53	2,42	9,45	2,55	9,37	2,69	9,33	2,76	9,29	2,83	9,22	2,97
	12	9,98	2,52	9,90	2,66	9,81	2,81	9,77	2,87	9,73	2,95	9,65	3,10
	15	10,67	2,69	10,58	2,83	10,48	2,99	10,44	3,06	10,40	3,14	10,31	3,30

3D052909

Symbols:
TC: Total capacity (kW)
PI: Power input (kW)

Notes:
1. This table shows outdoor unit cooling capacity and power input.
2. ☐ Is specified point.
3. PI of indoor units is not included in the table.

5 Capacity tables

5 - 2 Heating capacity tables

RMXS160EV- Heating capacity

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CDB											
		14 °C		16 °C		18 °C		19 °C		22 °C		24 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	−15	10,04	4,02	10,07	4,14	10,10	4,27	10,11	4,34	10,12	4,41	10,14	4,57
	−11	11,34	4,10	11,34	4,23	11,34	4,37	11,34	4,44	11,33	4,52	11,32	4,69
	−7	12,74	4,19	12,72	4,33	12,69	4,48	12,67	4,56	12,66	4,64	12,61	4,83
	−3	14,24	4,28	14,19	4,43	14,13	4,60	14,10	4,69	14,07	4,78	14,01	4,97
	0	15,42	4,36	15,35	4,52	15,27	4,70	15,23	4,79	15,19	4,88	15,11	5,09
	2	16,22	4,42	16,14	4,59	16,06	4,77	16,01	4,86	15,97	4,96	15,87	5,18
	6	17,90	4,54	17,79	4,72	17,68	4,92	17,63	5,02	17,57	5,13	17,45	5,36
	10	19,64	4,69	19,51	4,85	19,38	5,09	19,32	5,20	19,25	5,31	19,11	5,56
	12	20,53	4,77	20,40	4,97	20,26	5,18	20,19	5,29	20,12	5,31	19,96	5,66
	15	21,90	4,89	21,76	5,10	21,60	5,33	21,52	5,45	21,44	5,57	21,27	5,83
120%	−15	10,13	3,97	10,15	4,09	10,18	4,23	10,19	4,30	10,20	4,38	10,21	4,54
	−11	11,41	4,07	11,41	4,20	11,40	4,35	11,40	4,43	11,39	4,51	11,38	4,69
	−7	12,79	4,18	12,76	4,33	12,73	4,49	12,71	4,57	12,69	4,66	12,64	4,85
	−3	14,26	4,30	14,21	4,47	14,15	4,64	14,11	4,73	14,08	4,83	14,01	5,03
	0	15,42	4,41	15,34	4,58	15,26	4,76	15,22	4,86	15,18	4,96	15,08	5,18
	2	16,21	4,48	16,12	4,66	16,03	4,85	15,98	4,95	15,93	5,06	15,83	5,28
	6	17,85	4,65	17,74	4,84	17,62	5,05	17,56	5,15	17,50	5,27	17,37	5,51
	10	19,55	4,84	19,42	5,01	19,28	5,26	19,21	5,38	19,14	5,50	18,99	5,75
	12	20,42	4,94	20,28	5,16	20,14	5,38	20,06	5,50	19,99	5,52	19,82	5,89
	15	21,76	5,11	21,61	5,33	21,45	5,57	21,36	5,69	21,28	5,82	21,10	6,10
110%	−15	10,14	4,00	10,17	4,13	10,19	4,27	10,20	4,35	10,21	4,43	10,22	4,60
	−11	11,42	4,11	11,41	4,26	11,40	4,41	11,40	4,49	11,39	4,58	11,37	4,76
	−7	12,79	4,24	12,76	4,39	12,72	4,56	12,70	4,65	12,68	4,74	12,63	4,93
	−3	14,25	4,38	14,19	4,55	14,12	4,73	14,09	4,82	14,05	4,92	13,98	5,13
	0	15,39	4,49	15,31	4,67	15,23	4,86	15,18	4,96	15,14	5,07	15,04	5,29
	2	16,17	4,58	16,08	4,77	15,99	4,96	15,94	5,06	15,89	5,17	15,78	5,40
	6	17,79	4,76	17,68	4,97	17,56	5,17	17,50	5,29	17,44	5,40	17,31	5,64
	10	19,47	4,97	19,34	5,16	19,20	5,41	19,13	5,53	19,06	5,65	18,91	5,91
	12	20,34	5,09	20,19	5,31	20,05	5,54	19,97	5,66	19,89	5,69	19,73	6,06
	15	21,66	5,27	21,50	5,51	21,34	5,75	21,26	5,88	21,17	6,01	20,46	6,16
100%	−15	10,09	4,13	10,11	4,26	10,14	4,41	10,15	4,48	10,15	4,56	10,17	4,73
	−11	11,36	4,24	11,36	4,38	11,35	4,54	11,34	4,62	11,34	4,71	11,32	4,89
	−7	12,73	4,36	12,70	4,52	12,66	4,69	12,64	4,78	12,62	4,87	12,57	5,07
	−3	14,18	4,50	14,13	4,67	14,06	4,85	14,03	4,95	14,00	5,05	13,93	5,26
	0	15,33	4,61	15,25	4,80	15,17	4,99	15,13	5,09	15,08	5,19	14,99	5,42
	2	16,11	4,69	16,02	4,89	15,92	5,09	15,88	5,19	15,83	5,30	15,73	5,53
	6	17,73	4,88	17,61	5,09	17,50	5,30	17,44	5,41	17,38	5,52	17,26	5,77
	10	19,41	5,08	19,27	5,31	19,14	5,54	19,07	5,65	19,00	5,78	18,85	6,04
	12	20,28	5,19	20,13	5,43	19,99	5,66	19,91	5,79	19,84	5,91	19,63	6,16
	15	21,60	5,38	21,44	5,63	21,28	5,87	21,20	6,00	21,12	6,13	20,20	6,16

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Symbols:
TC: Total capacity (kW)
PI: Power input (kW)

Notes:
1. This table shows outdoor unit cooling capacity and power input.
2. ☐ Is specified point.
3. PI of indoor units is not included in the table.

5 Capacity tables

5 - 2 Heating capacity tables

RMXS160EV- Heating capacity

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CDB											
		14 °C		16 °C		18 °C		19 °C		22 °C		24 °C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	−15	8,95	3,62	8,97	3,76	8,99	3,90	9,00	3,97	9,01	4,05	9,02	4,21
	−11	10,16	3,73	10,15	3,88	10,14	4,03	10,13	4,11	10,13	4,19	10,11	4,37
	−7	11,44	3,85	11,41	4,01	11,37	4,17	11,35	4,26	11,33	4,35	11,29	4,54
	−3	12,80	3,99	12,74	4,16	12,68	4,33	12,65	4,42	12,61	4,52	12,55	4,72
	0	13,86	4,10	13,78	4,28	13,70	4,46	13,66	4,56	13,62	4,65	13,53	4,87
	2	14,58	4,18	14,49	4,37	14,40	4,55	14,36	4,65	14,31	4,75	14,22	4,97
	6	16,08	4,35	15,97	4,55	15,86	4,75	15,80	4,86	15,75	4,96	15,62	5,19
	10	17,63	4,54	17,49	4,76	17,37	4,97	17,30	5,08	17,24	5,19	17,09	5,44
	12	18,42	4,64	18,28	4,87	18,14	5,09	18,07	5,20	18,00	5,32	17,85	5,57
	15	19,64	4,81	19,48	5,05	19,33	5,27	19,25	5,39	19,17	5,51	19,01	5,78
80%	−15	7,85	3,12	7,87	3,25	7,89	3,38	7,89	3,45	7,90	3,52	7,91	3,68
	−11	8,98	3,22	8,97	3,37	8,96	3,51	8,96	3,58	8,95	3,66	8,93	3,83
	−7	10,17	3,34	10,14	3,50	10,10	3,65	10,08	3,73	10,06	3,81	10,02	3,99
	−3	11,42	3,47	11,36	3,64	11,31	3,80	11,28	3,89	11,25	3,97	11,18	4,16
	0	12,39	3,58	12,32	3,76	12,25	3,93	12,21	4,01	12,17	4,11	12,09	4,30
	2	13,06	3,66	12,97	3,84	12,89	4,01	12,85	4,11	12,80	4,20	12,71	4,40
	6	14,42	3,82	14,32	4,02	14,22	4,20	14,16	4,30	14,11	4,40	14,00	4,62
	10	15,84	4,01	15,71	4,21	15,59	4,41	15,53	4,51	15,47	4,62	15,33	4,85
	12	16,56	4,10	16,42	4,32	16,29	4,52	16,23	4,62	16,16	4,73	16,02	4,97
	15	17,66	4,26	17,51	4,48	17,37	4,69	17,30	4,80	17,23	4,92	17,07	5,16
70%	−15	6,80	2,61	6,81	2,73	6,82	2,85	6,83	2,92	6,84	2,98	6,85	3,13
	−11	7,83	2,71	7,82	2,84	7,81	2,98	7,81	3,04	7,80	3,12	7,79	3,27
	−7	8,92	2,83	8,88	2,97	8,85	3,11	8,84	3,19	8,82	3,26	8,78	3,43
	−3	10,05	2,96	10,00	3,11	9,95	3,26	9,92	3,34	9,89	3,42	9,84	3,59
	0	10,93	3,06	10,86	3,22	10,80	3,38	10,76	3,46	10,73	3,55	10,66	3,73
	2	11,53	3,14	11,45	3,31	11,37	3,47	11,34	3,55	11,30	3,64	11,22	3,83
	6	12,76	3,30	12,67	3,48	12,57	3,65	12,53	3,74	12,48	3,83	12,37	4,03
	10	14,03	3,48	13,92	3,67	13,81	3,85	13,75	3,95	13,69	4,04	13,57	4,25
	12	14,68	3,58	14,56	3,78	14,44	3,96	14,38	4,06	14,32	4,16	14,19	4,37
	15	15,67	3,73	15,53	3,94	15,40	4,13	15,34	4,23	15,27	4,34	15,13	4,56
60%	−15	5,78	2,10	5,79	2,21	5,80	2,32	5,81	2,38	5,82	2,44	5,83	2,57
	−11	6,71	2,20	6,70	2,32	6,69	2,44	6,69	2,50	6,68	2,57	6,67	2,70
	−7	7,68	2,31	7,65	2,44	7,63	2,57	7,61	2,64	7,60	2,70	7,57	2,85
	−3	8,69	2,44	8,65	2,58	8,60	2,71	8,58	2,78	8,55	2,86	8,50	3,01
	0	9,48	2,55	9,42	2,69	9,36	2,83	9,33	2,91	9,30	2,98	9,23	3,15
	2	10,01	2,62	9,94	2,77	9,87	2,92	9,84	2,99	9,80	3,07	9,73	3,24
	6	11,10	2,79	11,01	2,94	10,93	3,10	10,89	3,18	10,85	3,26	10,76	3,44
	10	12,22	2,97	12,12	3,14	12,02	3,31	11,97	3,39	11,92	3,48	11,82	3,66
	12	12,79	3,07	12,68	3,24	12,58	3,41	12,53	3,50	12,47	3,59	12,36	3,78
	15	13,67	3,23	13,55	3,41	13,43	3,59	13,38	3,67	13,32	3,77	13,19	3,97
50%	−15	4,80	1,61	4,81	1,70	4,83	1,80	4,83	1,85	4,84	1,90	4,85	2,01
	−11	5,62	1,70	5,61	1,80	5,61	1,91	5,60	1,96	5,60	2,01	5,59	2,13
	−7	6,47	1,81	6,44	1,91	6,42	2,03	6,41	2,09	6,40	2,14	6,37	2,27
	−3	7,35	1,93	7,31	2,04	7,27	2,17	7,25	2,23	7,23	2,29	7,19	2,42
	0	8,03	2,04	7,98	2,16	7,93	2,29	7,90	2,35	7,88	2,41	7,82	2,55
	2	8,49	2,11	8,43	2,24	8,37	2,37	8,35	2,43	8,32	2,50	8,26	2,65
	6	9,43	2,28	9,36	2,41	9,29	2,55	9,25	2,62	9,22	2,69	9,14	2,85
	10	10,40	2,46	10,32	2,60	10,23	2,76	10,19	2,83	10,15	2,91	10,06	3,07
	12	10,89	2,56	10,80	2,71	10,71	2,87	10,67	2,94	10,62	3,02	10,53	3,19
	15	11,65	2,73	11,55	2,88	11,45	3,05	11,40	3,12	11,35	3,20	11,25	3,38

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Symbols:

TC: Total capacity (kW)
PI: Power input (kW)

Notes:

1. This table shows outdoor unit cooling capacity and power input.
2. ☐ Is specified point.
3. PI of indoor units is not included in the table.

5 Capacity tables

5 - 3 Capacity correction factor

Capacity correction factor by the length of refrigerant piping (Reference)
Rate of change in capacity by the main piping length

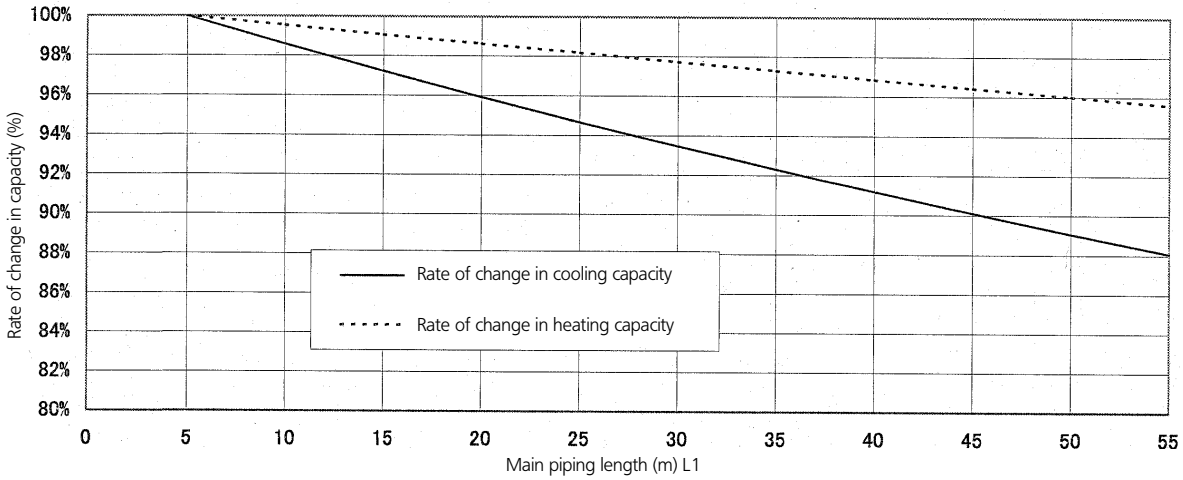
Rate of change in cooling capacity

Main piping length	5	10	15	20	25	30	35	40	45	50	55
Rate of change in cooling capacity	100.0%	98.6%	97.2%	95.9%	94.7%	93.5%	92.3%	91.2%	90.1%	89.1%	88.1%

Rate of change in heating capacity

Main piping length	5	10	15	20	25	30	35	40	45	50	55
Rate of change in heating capacity	100.0%	99.5%	99.1%	98.6%	98.2%	97.7%	97.3%	96.9%	96.4%	96.0%	95.6%

Rate of change in capacity by the main piping length



In both cases, the outdoor unit is in inferior or superior position for the indoor unit, the rate of change in capacity is the same.

Rate of change in capacity by the branch piping length

(1) Refrigerant piping connection diameter
liquid Φ6.4
gas Φ15.9

	Rate of change in capacity	
Piping length	Cooling	Heating
3	100.0%	100.0%
5	99.6%	99.9%
10	98.7%	99.6%
15	97.9%	99.3%

(2) Refrigerant piping connection diameter
liquid Φ6.4
gas Φ12.7

	Rate of change in capacity	
Piping length	Cooling	Heating
3	100.0%	100.0%
5	99.1%	99.5%
10	96.9%	98.2%
15	94.8%	97.0%

(3) Refrigerant piping connection diameter
liquid Φ6.4
gas Φ9.5

	Rate of change in capacity	
Piping length	Cooling	Heating
3	100.0%	100.0%
5	98.0%	98.8%
10	93.4%	96.0%
15	89.3%	93.5%

Piping size for field connection (mm)

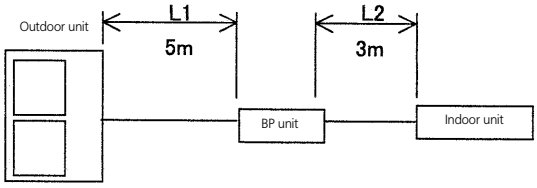
		RA		SA	
		liquid	gas	liquid	gas
(KW)	25	Φ6.4	Φ9.5	Φ6.4	Φ9.5
	35				
	50		Φ12.7		Φ15.9
	60				
	71		Φ15.9	Φ9.5	

Notes

1 These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.

2 With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

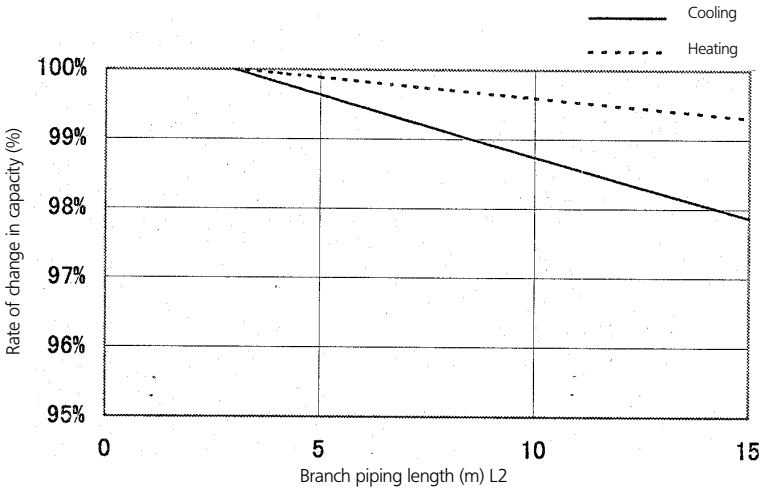
System layout of piping Piping length: L1 = 5m L2 = 3m



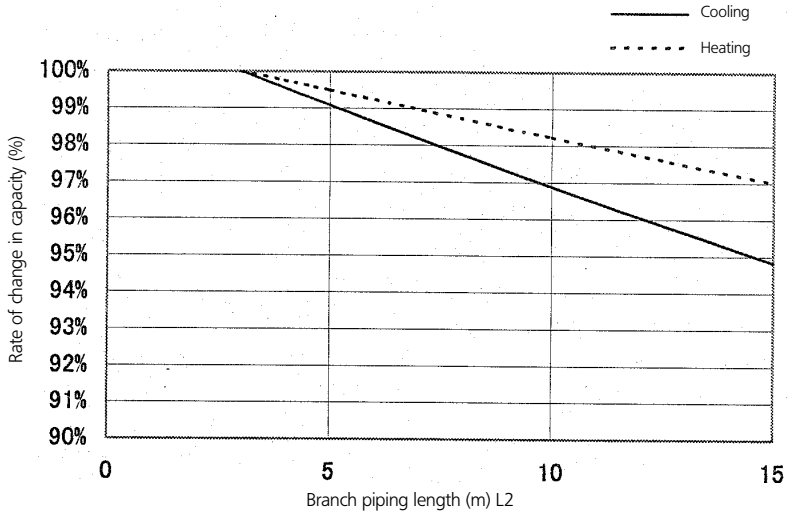
5 Capacity tables

5 - 3 Capacity correction factor

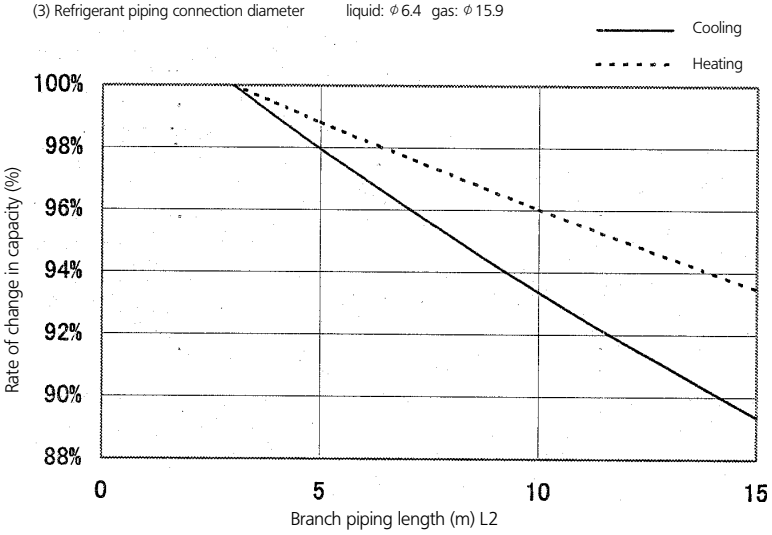
(1) Refrigerant piping connection diameter liquid: Φ6.4 gas: Φ15.9



(2) Refrigerant piping connection diameter liquid: Φ6.4 gas: Φ15.9



(3) Refrigerant piping connection diameter liquid: Φ6.4 gas: Φ15.9



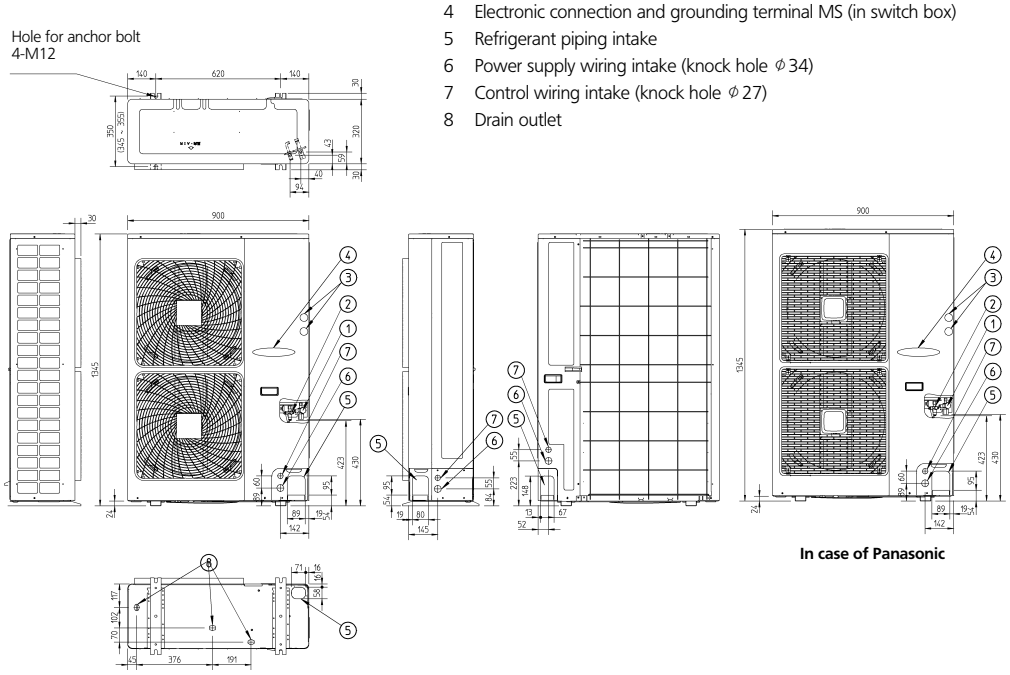
Method of calculating cooling / heating capacity:
Total capacity from capacity tables x (Rate of change in capacity by main piping length x rate of change in capacity by branch piping length).

6 Dimensional drawing & centre of gravity

6 - 1 Dimensional drawing

RMXS-EV

1 Gas pipe connection A
2 ϕ9.5 flare
3 Service port (in the unit)
4 Electronic connection and grounding terminal MS (in switch box)
5 Refrigerant piping intake
6 Power supply wiring intake (knock hole ϕ34)
7 Control wiring intake (knock hole ϕ27)
8 Drain outlet



model	A
RMXS112E8V18	ϕ 19.1 Brazing
RMXS140E8V1B	ϕ 19.1 Brazing
RMXS160E8V1B	ϕ 19.1 Brazing
RXYSQ4PA7V1B	ϕ 15.9 flare
RXYSQ5PA7V1B	ϕ 15.0 flare
RXYSQ6PA7V1B	ϕ 19.1 Brazing
U-4ML5DPQ	ϕ 15.9 flare
U-5ML5DPQ	ϕ 15.9 flare
U-6ML5DPQ	ϕ 19.1 Brazing
ERX100A9V1B	ϕ 15.9 flare
ERX125A9V1B	ϕ 15.9 flare
ERX140A9V1B	ϕ 19.1 Brazing
GCA100BD4	ϕ 15.9 flare
GCA125BD4	ϕ 15.9 flare
GCA140BD4	ϕ 19.1 Brazing
RXYSQ4PA7Y1B	ϕ 15.9 flare
RXYSQ5PA7Y1B	ϕ 15.9 flare
RXYSQ6PA7Y1B	ϕ 19.1 Brazing
U-4ML5XPQ	ϕ 15.9 flare
U-5ML5XPQ	ϕ 15.9 flare
U-6ML5XPQ	ϕ 19.1 Brazing

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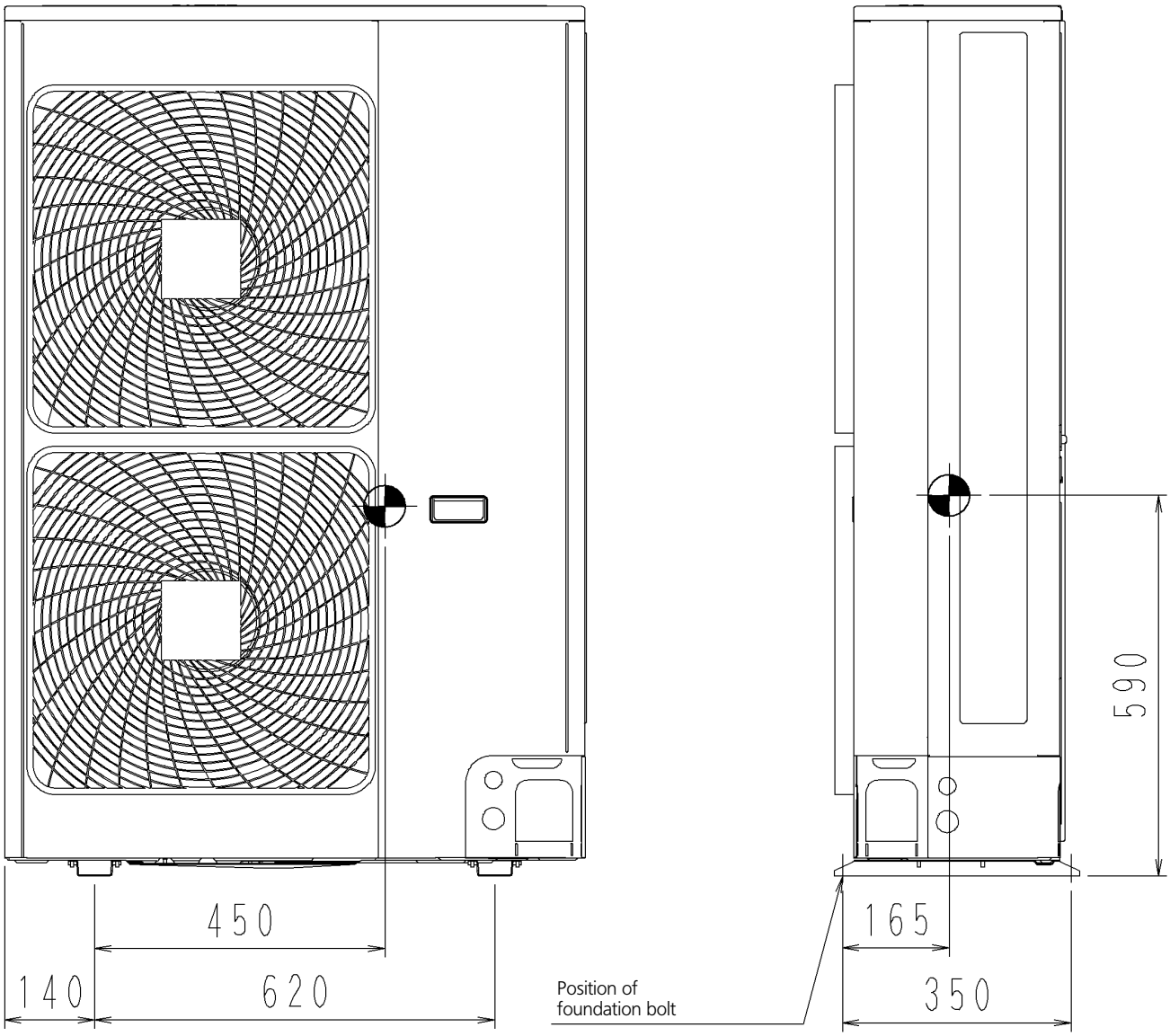
6 Dimensional drawing & centre of gravity

6 - 2 Centre of gravity

RMXS-EV



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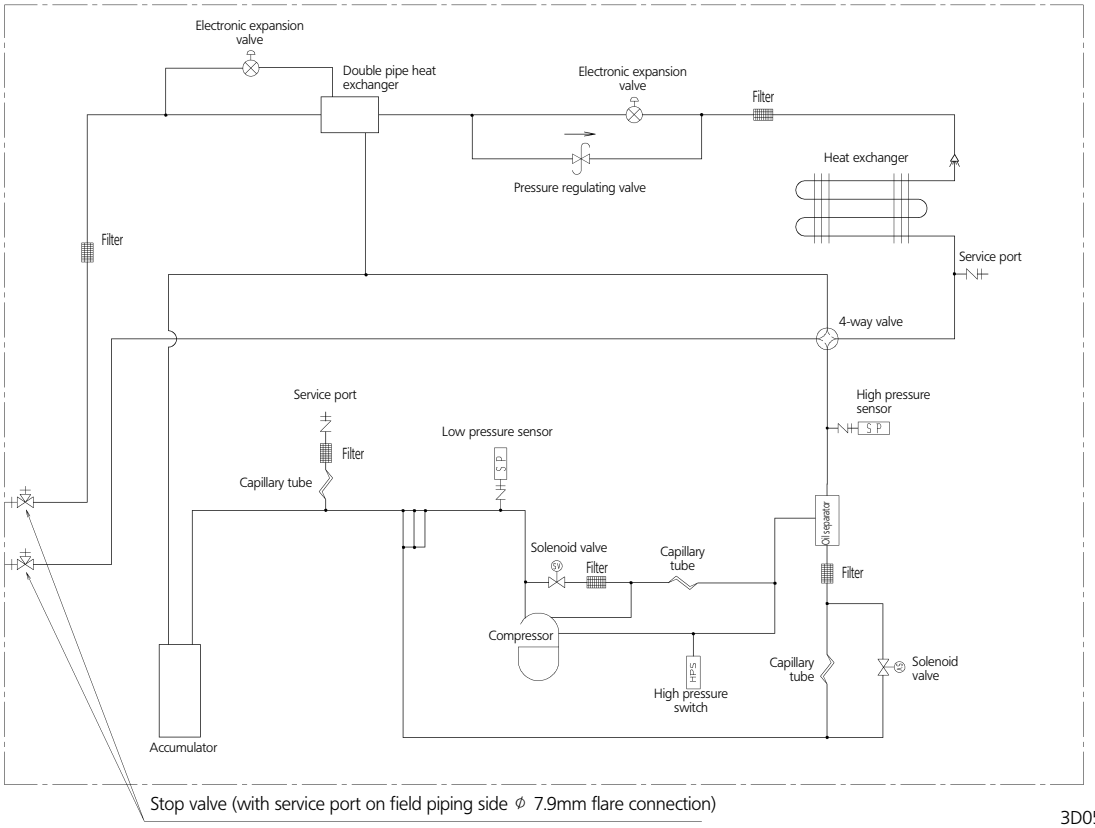
7 Piping diagram

RMXS-EV



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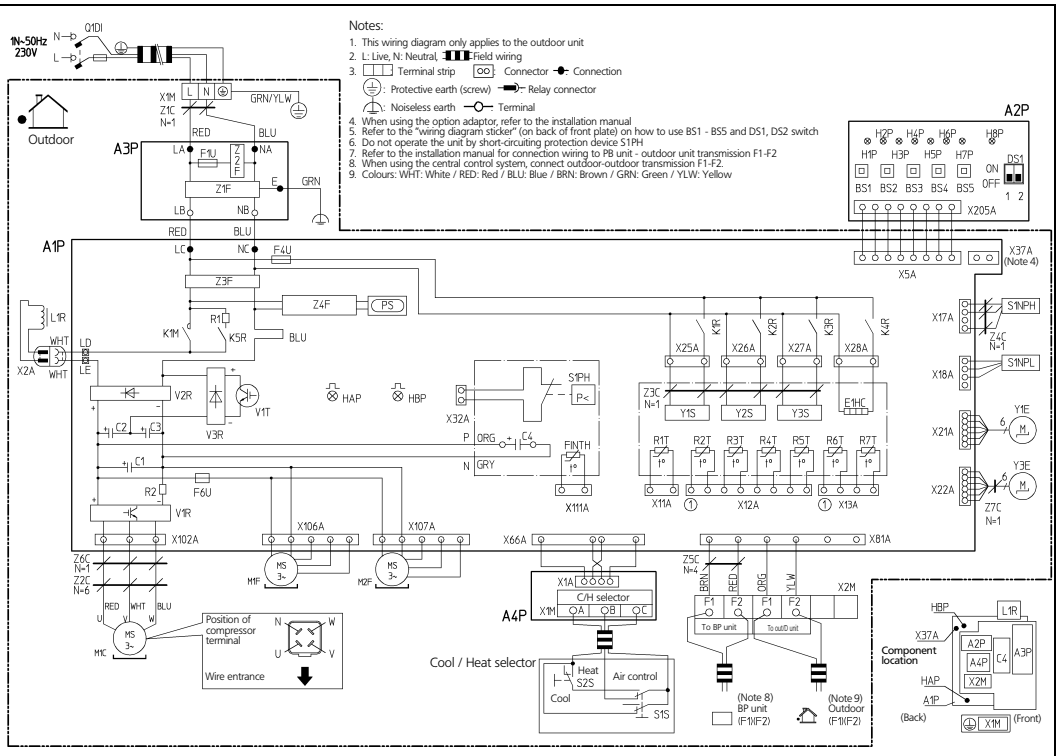
8 Wiring diagram

8 - 1 Wiring diagram

RMXS-EV

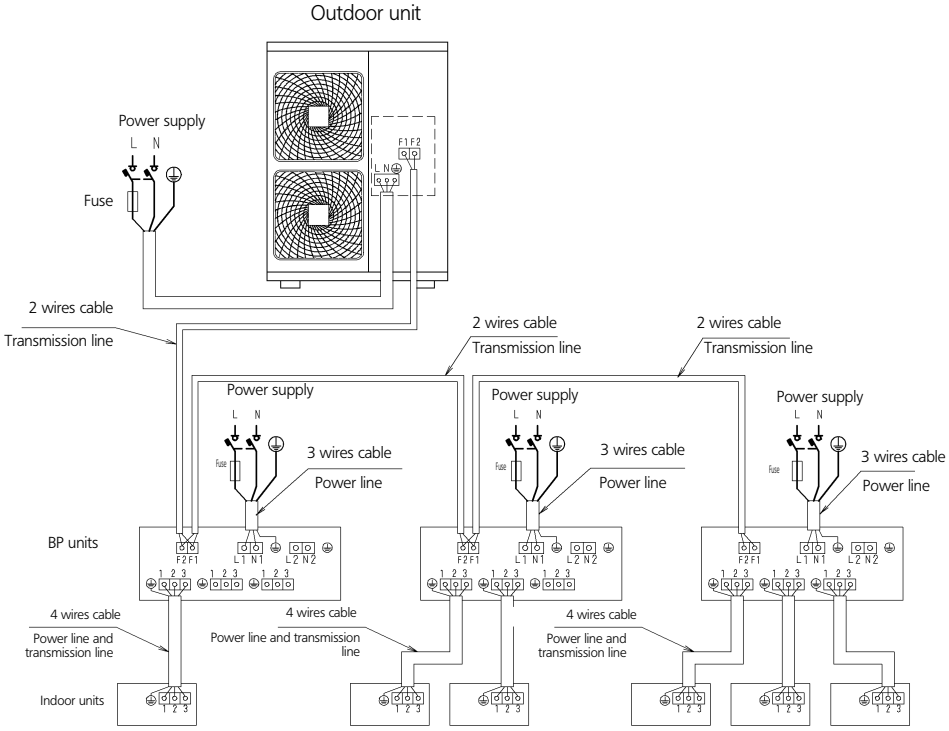
Cool / Heat selector
S1S : Selector switch (Fan/Cool - Heat)
S2S : Selector switch (Cool - Heat)
Connector of option adaptor
X37A : Connector
(Note 4) (option adaptor power supply)
A1P : Printed circuit board (Main)
A2P : Printed circuit board (INV.)
A3P : Printed circuit board (Noise filter)
A4P : Printed circuit board (C/H selector)
BS1–BS5 : Push button switch (Mode, set, return, test, reset)
C1–C4 : Capacitor
DS1 : Dip switch
E1HC : Crankcase heater
F1U,F4U : Fuse (T 6.3A/250V)
F6U : Fuse (T 5.0A/250V)
FINTH : Thermistor (fin)
H1P–H8P : Light emitting diode (service monitor orange)
: Prepare test ---------- Flickering
[H2P] : Malfunction detection--- Light up
HAP Light emitting diode (service monitor green)
(A1P)
HBP : INV. pilot lamp (service monitor green)
(A1P)
K1M : Magnetic contactor (M1C)
K2R : Magnetic relay (K1M)
K1R : Magnetic relay (Y1S)
K2R : Magnetic relay (Y2S)
K4R : Magnetic relay (Y3S)
K5R : Magnetic relay (E1HC)
L1R : Reactor
M1C : Motor (compressor)
M1F : Motor (fan) (upper)
M2F : Motor (fan) (lower)
PS : Switching power supply
Q1DI : Field earth leak detector (30mA)
R1 : Resistor
R2 : Resistor
R1T : Thermistor (Air)
R2T : Thermistor (Discharge)
R3T : Thermistor (Suction 1)
R4T : Thermistor (Heat exchanger)
R5T : Thermistor (Suction 2)
R6T : Thermistor (subcooling HEX)
R7T : Thermistor (Liquid pipe)
S1NPH : Pressure sensor(High)
S1NPL : Pressure sensor(Low)
S1PH : Pressure switch (High)
V1R : Power module
V2R,V3R : Diode module
V1T : IGBT
X1M : Terminal strip (Power supply)
X2M : Terminal strip (Control)
Y1E : Electronic expansion valve (Main)
Y3E : Electronic expansion valve (Subcool)
Y1S : Solenoid valve (4 way valve)
Y2S : Solenoid valve (Hot gas)
Y3S : Solenoid valve (L/L circuit)
Z1C–Z7C : Noise filter (ferrite core)
Z1F–Z4F : Noise filter



8 Wiring diagram

8 - 2 External connection diagram

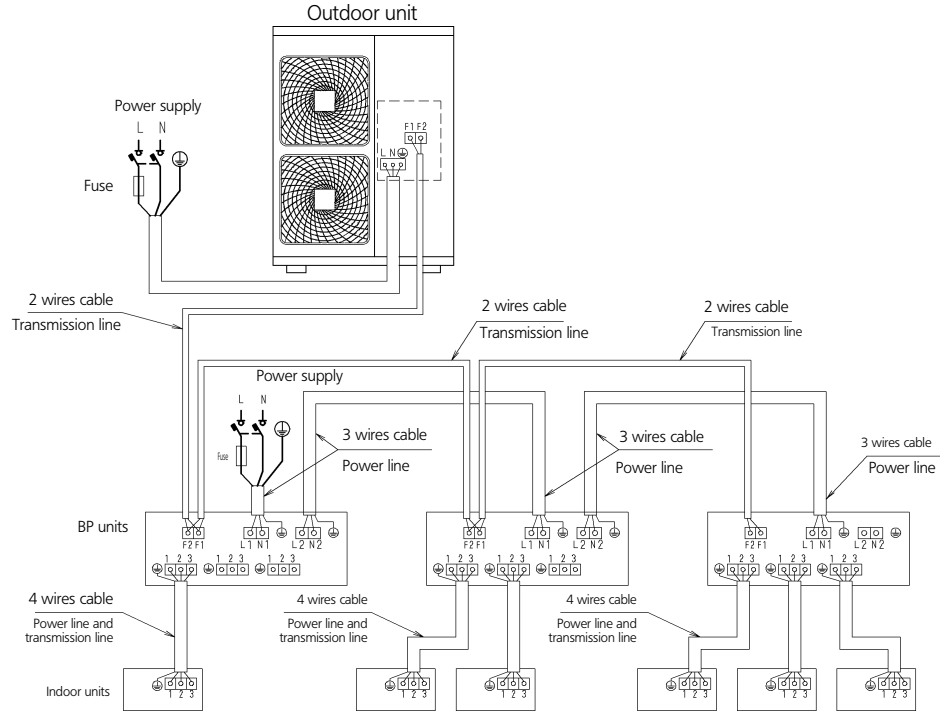
RMXS112-160EV



When the power source is suppled to each BP unit individually.

NOTES

1 All wiring, components and materials to be produced on the site must comply with the applicable local and national codes.
2 Use copper conductors only.
3 See wiring diagrams for details.
4 Install circuit breakers for safety.
5 All field wiring and components must be installed by a licensed electrician.
6 Units shall be grounded in compliance with applicable local national codes.
7 Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
8 Be sure to install the switch and the fuse to the power line of each equipment.

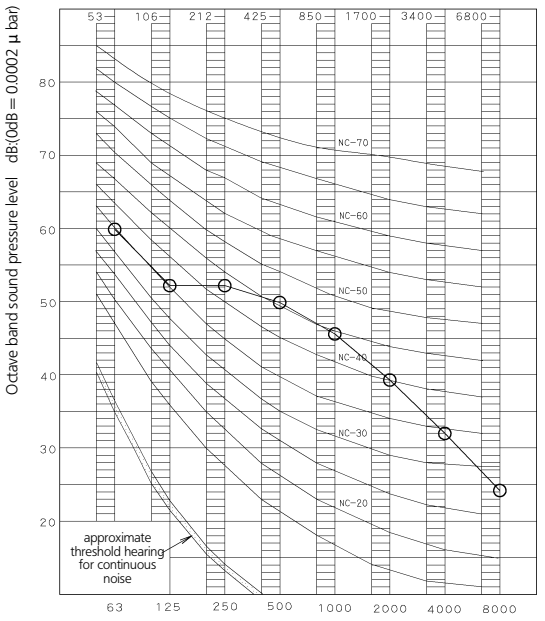


When the power source is connected in series between the units.

9 Sound data

9 - 1 Sound pressure spectrum

RMXS112EV- Cooling



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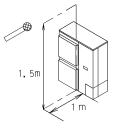
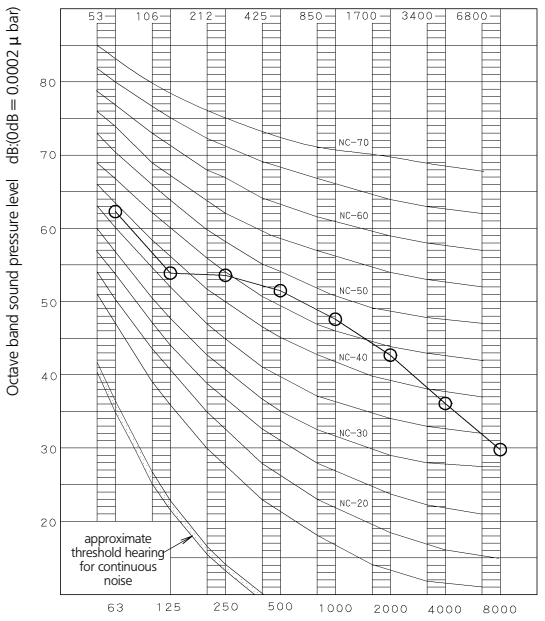
NOTES

1 The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to enviromental noise and sound reflection.
2 Measuring place: anechoic room



Location of microphone

RMXS112EV- Heating



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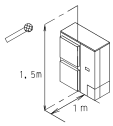
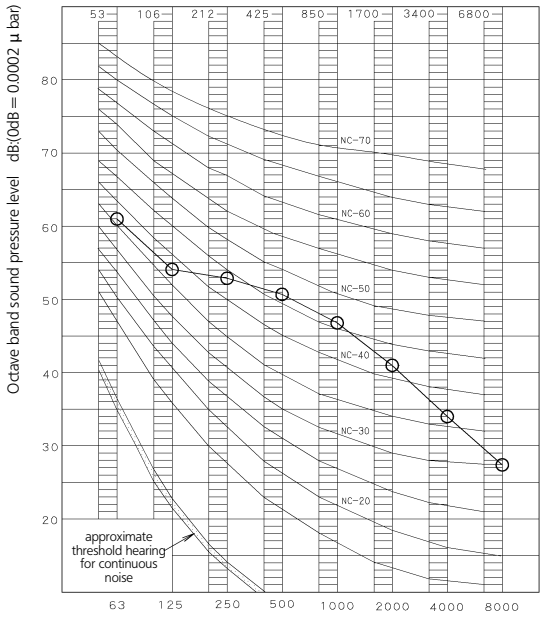
NOTES

1 The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to enviromental noise and sound reflection.
2 Measuring place: anechoic room



Location of microphone

RMXS140EV- Cooling



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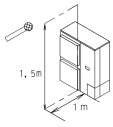
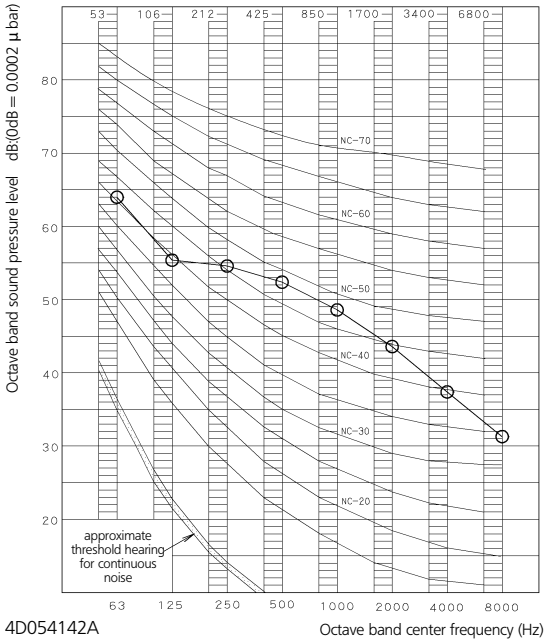
NOTES

1 The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to enviromental noise and sound reflection.
2 Measuring place: anechoic room



Location of microphone

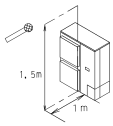
RMXS140EV- Heating



4D054142A

NOTES

1 The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to enviromental noise and sound reflection.
2 Measuring place: anechoic room

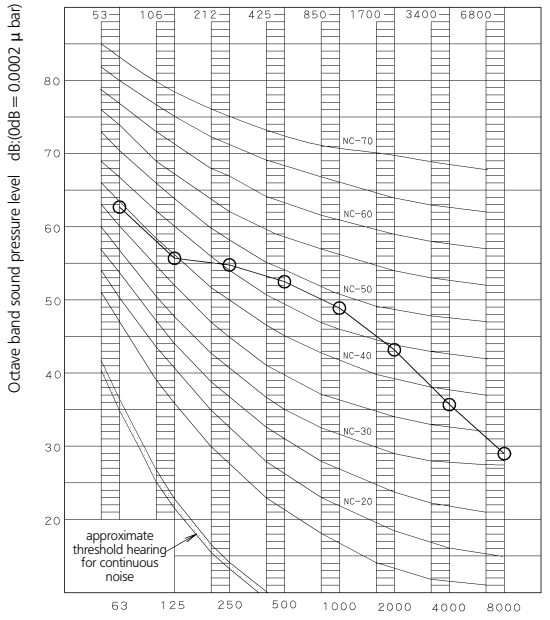


Location of microphone

9 Sound data

9 - 1 Sound pressure spectrum

RMXS160EV- Cooling



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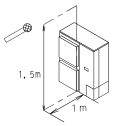
NOTES

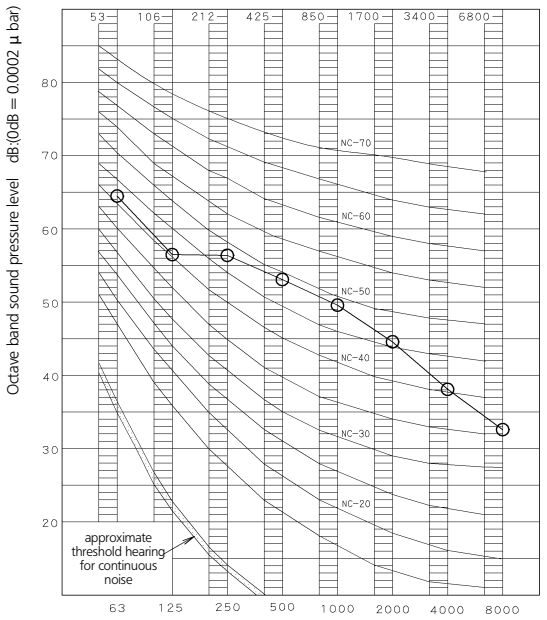
1 The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to enviromental noise and sound reflection.

2 Measuring place: anechoic room



Location of microphone

RMXS160EV- Heating

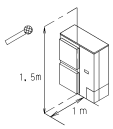


4D054143A

NOTES

1 The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to enviromental noise and sound reflection.

2 Measuring place: anechoic room

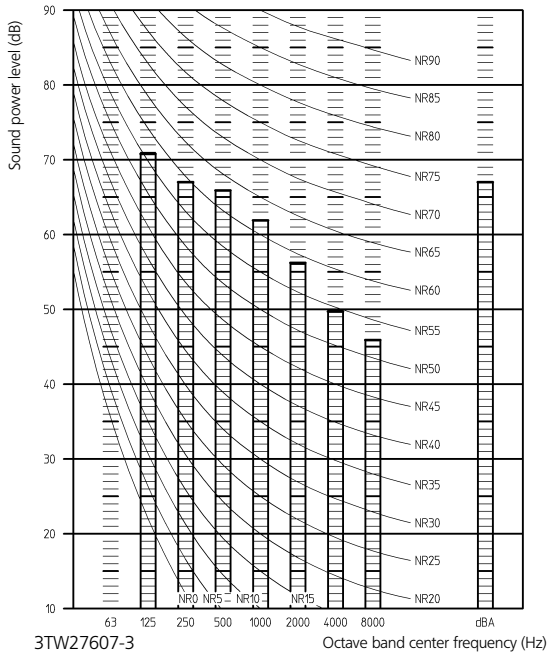


Location of microphone

9 Sound data

9 - 2 Sound power spectrum

RMXS112EV

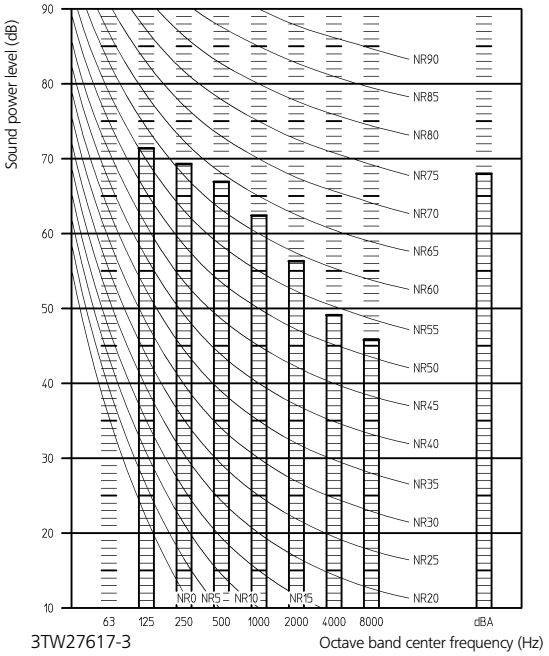


3TW27607-3

NOTES

1 dBA = A-weighted sound power level (A-scale according to IEC)
2 Refernece acoustic intensity 0dB = 10E-6μW/m²
3 Measured according to ISO 3744

RMXS140EV

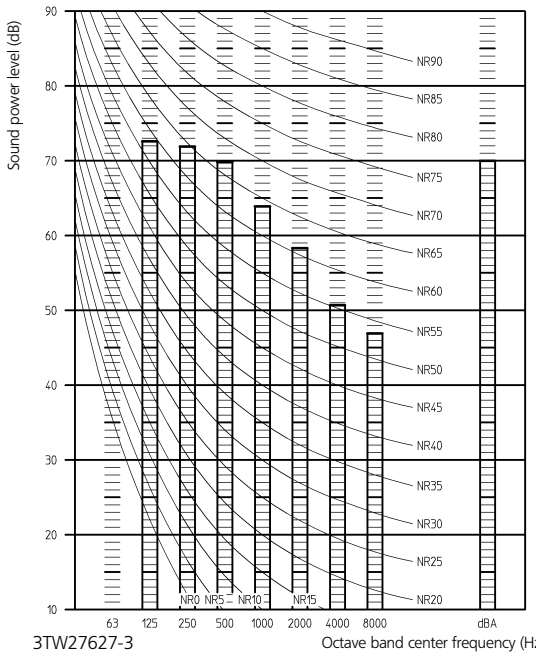


3TW27617-3

NOTES

1 dBA = A-weighted sound power level (A-scale according to IEC)
2 Refernece acoustic intensity 0dB = 10E-6μW/m²
3 Measured according to ISO 3744

RMXS160EV



3TW27627-3

NOTES

1 dBA = A-weighted sound power level (A-scale according to IEC)
2 Refernece acoustic intensity 0dB = 10E-6μW/m²
3 Measured according to ISO 3744

10 Installation

10 - 1 Installation method

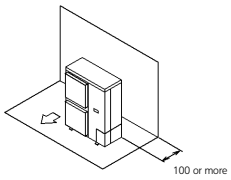
Required installation space

The unit of the values is mm.

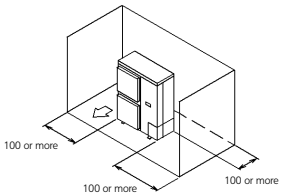
1. Where there is an obstacle on the suction side

(a) No obstacle above

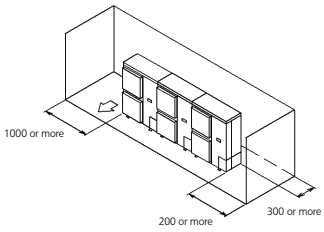
1 Stand-alone installation
- Obstacle on the suction side only.



- Obstacle on both sides.

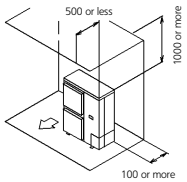


2 Series installation (2 or more).
- Obstacle on both sides

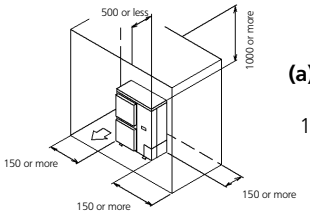


(b) Obstacle above, too.

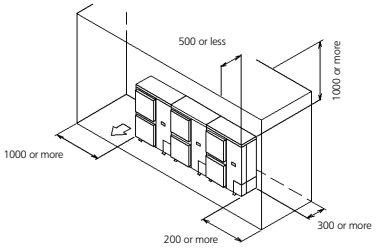
1 Stand-alone installation
- Obstacle on the suction side,.



- Obstacle on the suction side and both sides.



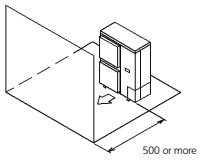
2 Series installation (2 or more).
- Obstacle on the suction side and both sides.



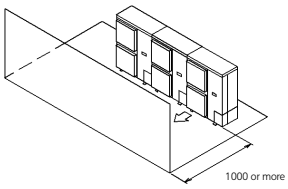
(2) Where there is an obstacle on the discharge side

(a) No obstacle above

(1) Stand-alone installation

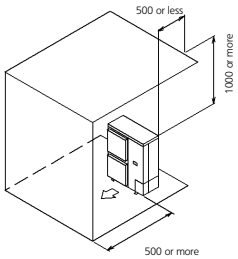


(2) Series installation (2 or more)

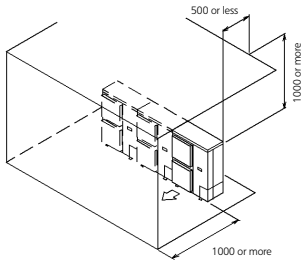


(b) Obstacle above, too.

1 Stand-alone installation



2 Series installation (2 or more).



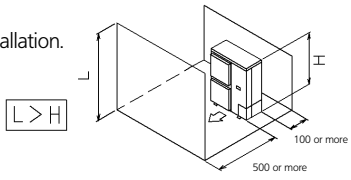
3. Where there are obstacles on both suction and discharge sides:

Pattern 1

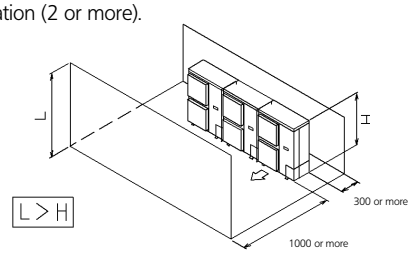
Where the obstacles on the discharge side is higher than the unit.
(There is no height limit for obstructions on the intake side.)

(a) No obstacle above.

1 Stand-alone installation.



2 Series installation (2 or more).



10 Installation

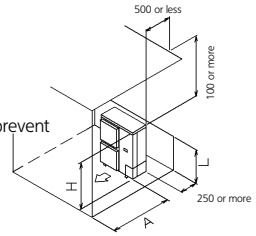
10 - 1 Installation method

(b) Obstacle above, too

1 Stand-alone installation.

The relations between H, A and L are as follows.

	L	A
L ≤ H	0 < L ≤ 1/2 H	750
	1/2 H < L ≤ H	1000
H < L	Set the stand as : L <= H	

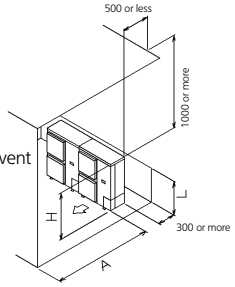


Close the bottom of the installation frame to prevent the discharged air from being bypassed.

2 Series installation (2 or more).

The relations between H, A and L are as follows.

	L	A
L ≤ H	0 < L ≤ 1/2 H	1000
	1/2 H < L ≤ H	1250
H < L	Set the stand as : L <= H	



Close the bottom of the installation frame to prevent the discharged air from being bypassed.

Only two units can be installed for this series.

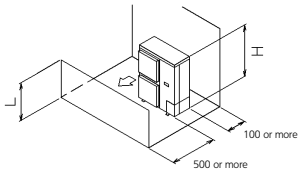
Pattern 2

Where the obstacle on the discharge side is lower than the unit.
(There is no height limit for obstructions on the intake side.)

(a) No obstacle above.

1 Stand-alone installation.

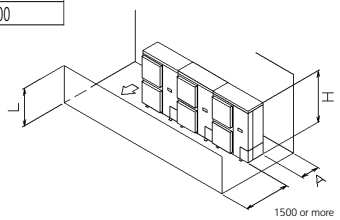
L ≤ H



2 Series installation (2 or more).

The relations between H, A and L are as follows.

L	A
0 < L ≤ 1/2 H	250
1/2 H < L ≤ H	300

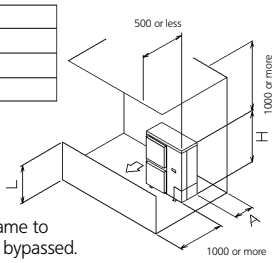


(b) Obstacle above, too.

1 Stand-alone installation.

The relations between H, A and L are as follows.

	L	A
L ≤ H	0 < L ≤ 1/2 H	100
	1/2 H < L ≤ H	200
H < L	Set the stand as : L <= H	

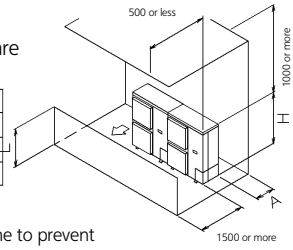


Close the bottom of the installation frame to prevent the discharged air from being bypassed.

1 Series installation.

The relations between H, A and L are as follows.

	L	A
L ≤ H	0 < L ≤ 1/2 H	250
	1/2 H < L ≤ H	300
H < L	Set the stand as : L <= H	



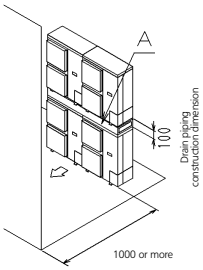
Close the bottom of the installation frame to prevent the discharged air from being bypassed.

Only two units can be installed for this series.

4. Double-decker installation

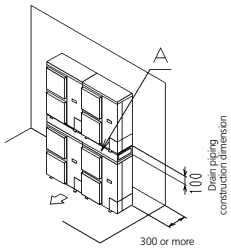
(a) Obstacle on the discharge side.
Close the gap A (the gap between the upper and lower outdoor units) to prevent the discharged air from being bypassed.

Do not stack more than two unit..



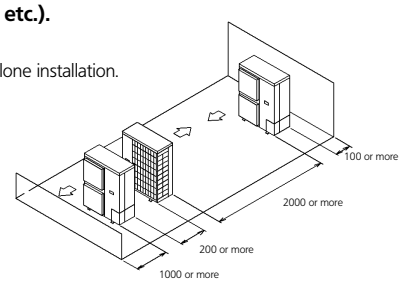
(b) Obstacle on the suction side only.
Close the gap A (the gap between the upper and lower outdoor units) to prevent the discharged air from being bypassed.

Do not stack more than one unit..

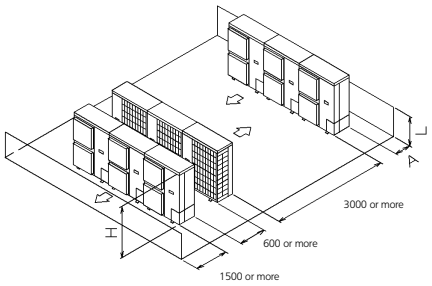


5. Multiple rows of series installation (on the rooftop, etc.).

(a) One row of stand-alone installation.



(b) Rows of series installation (2 or more).



The relations between H, A and L are as follows.

	L	A
L ≤ H	0 < L ≤ 1/2 H	250
	1/2 H < L ≤ H	300
H < L	Cannot be installed	

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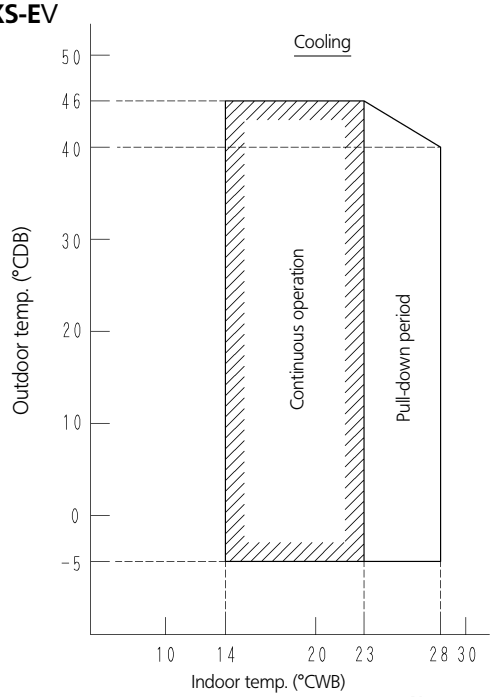
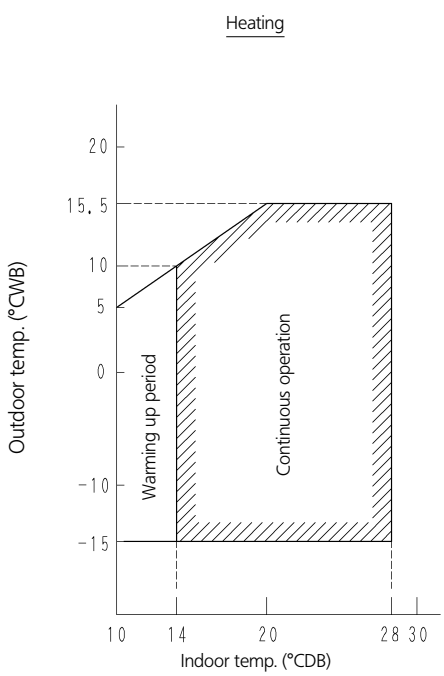
11 Operation range

RMXS-EV





Notes:
The graphs are based on the following conditions:

- Equivalent piping length

From outdoor unit to BP unit	5 m
Total from BP unit to indoor unit	3 m
• Level difference	0 m
• Air flow rate	high

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