



technical data

RMXS-D



**Super Multi Plus,
Inverter Controlled Unit**

air conditioning systems

Split
Sky Air

Split - Sky Air



ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment



Daikin units comply with the European regulations that guarantee the safety of the product.



Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.



Daikin Europe N.V. participates in the Eurovent Certification Programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FC); the certified data of certified models are listed in the Eurovent Directory.

Specifications are subject to change without prior notice.

DAIKIN EUROPE N.V.

Zandvoordestraat 300
B - 8400 Ostend Belgium
www.daikineurope.com

TABLE OF CONTENTS

RMXS-D7V3B

1	Features.....	2
2	Specifications.....	3
	Technical Specifications	3
	Electrical Specifications	4
3	Electrical data	5
4	Options	6
5	Capacity tables.....	7
	Selection procedure	7
	System capacity table	11
	Cooling capacity tables	14
	Heating capacity tables	23
6	Dimensional drawing & centre of gravity.....	32
	Dimensional drawing	32
	Centre of gravity	33
7	Piping diagram.....	34
8	Wiring diagram	35
	Wiring diagram	35
	External connection diagram	36
9	Sound data.....	37
	Sound pressure spectrum	37
	Sound power spectrum	39
10	Installation.....	40
	Installation method	40
	Refnet piping systems	42
11	Operation range	43

1 Features

1

- 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 TECHNICAL SPECIFICATIONS				RMXS112D7V3B	RMXS140D7V3B	RMXS160D7V3B	
Nominal Capacity and Nominal Input							
For combination indoor units + outdoor units	Indoor Units						
	Nominal Capacity	Cooling	kW	11.20	14.00	15.50	
		Heating	kW	12.50	16.00	17.50	
	Nominal Input	Cooling	kW	3.57	5.22	5.56	
		Heating	kW	4.02	5.32	5.56	
	EER			3.14	2.68	2.79	
COP			3.11	3.01	3.15		
Max. number of connectable indoor units (BP to be connected)				6 (3)	8 (3)	9 (3)	
Total capacity index of I/U to be connected				145.5	182	208	
Capacity control				24 to 100			
Casing	Colour			Ivory White			
	Material			Painted galvanized steel plate			
Dimensions	Packing	Height	mm	1475	1475	1475	
		Width	mm	980	980	980	
		Depth	mm	420	420	420	
	Unit	Height	mm	1345	1345	1345	
		Width	mm	900	900	900	
		Depth	mm	320	320	320	
Weight	Machine Weight		kg	127			
	Gross Weight		kg	132			
Heat Exchanger	Dimensions	Length	mm	857	857	857	
		Nr of Rows			2	2	2
		Fin Pitch	mm	2.00	2.00	2.00	
		Nr of Passes			10	10	10
		Face Area	m ²	1.131	1.131	1.131	
		Nr of Stages			60		
	Tube type			Hi-XSS(8)			
	Fin	Type			Non-symmetric waffle louvre		
Treatment			Anti-corrosion treatment (PE)				
Fan	Type			Propeller			
	Discharge direction			Horizontal			
	Quantity			2			
	Air Flow Rate (nominal)	Cooling	m ³ /min	104.0			
		Heating	m ³ /min	107.0			
	Motor	Quantity		2	2	2	
Model		KFD-325-70-8A	KFD-325-70-8A	KFD-325-70-8A			
Motor	Speed (nominal at 230V)	Cooling	rpm	832			
		Heating	rpm	832			
Fan	Motor	Output	W	70			
		Drive		direct drive			
Compressor	Quantity			1			
	Motor	Model			JT100FCVD@4		
		Type			Hermetically sealed scroll compressor		
		Speed	rpm	6480			
		Motor Output	W	2500			
		Starting Method			Inverter driven		
Crankcase Heater		W	33				
Operation Range	Cooling	Min	°CDB	-5.0	-5.0	-5.0	
		Max	°CDB	46.0	46.0	46.0	
	Heating	Min	°CWB	-15.0	-15.0	-15.0	
		Max	°CWB	15.5	15.5	15.5	
Sound Level (nominal)	Cooling	Sound Power	dBA	67.0			
		Sound Pressure	dBA	51.0			
	Heating	Sound Pressure	dBA	53.0			

2-1 TECHNICAL SPECIFICATIONS				RMXS112D7V3B	RMXS140D7V3B	RMXS160D7V3B	
Refrigerant	Type		R-410A				
	Charge	kg	5.10				
	Control		Expansion valve (electronic type)				
	Nr of Circuits		1				
Refrigerant Oil	Type		Daphne FVC68D	Daphne FVC68D	Daphne FVC68D		
	Charged Volume	l	1.6	1.6	1.6		
Piping connections	Liquid (OD)	Quantity		1	1	1	
		Type		Flare connection			
		Diameter (OD)	mm	9.52	9.52	9.52	
	Gas	Quantity		1			
		Type		Braze connection			
		Diameter (OD)	mm	19.1			
	Drain	Quantity		3			
		Type		Hole			
		Diameter (OD)	mm	26x3			
	Piping Length	System total		m	115	135	145
		Total	OU - BP	m	55		
			BP - IU	m	60	80	90
		1 room	BP - IU	m	15		
	Height difference	OU - PP		m	30		
		OU - IU		m	30		
BP - BP/IU - IU		m	15				
Heat Insulation			Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes		
Defrost Method			Reversed cycle	Reversed cycle	Reversed cycle		
Defrost Control			Sensor for outdoor heat exchanger temperature				
Capacity Control Method			Inverter controlled				
Capacity Control			24 to 100				
Safety Devices			High pressure switch				
			Fan motor thermal protector				
			Inverter overload protector				
			PC board fuse				
Standard Accessories	Item		Gas connection pipe				
	Quantity		3				
	Item		Installation manual				
	Quantity		1				
	Item		Drain socket				
	Quantity		1				
	Item		Drain cap				
	Quantity		2				
	Item		Drain receiver				
	Quantity		3				
Item		Insulation					
Quantity		1 pc					

2-2 ELECTRICAL SPECIFICATIONS	RMXS112D7V3B	RMXS140D7V3B	RMXS160D7V3B
Notes	forelectrical specifications refer to specification drawing:Electrical data	for electrical specifications refer to specification drawing:Electrical data	for electrical specifications refer to specification drawing:Electrical data

NOTES

- Nominal cooling capacities are based on: indoor temperature 27°CDB/19°CWB, outdoor temperature 35°CDB, equivalent piping length: outdoor - BP unit: 5m, BP unit - 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 unit: 5m, BP unit - 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.

3 Electrical data

				RMXS112D7V3B	RMXS140D7V3B	RMXS160D7V3B
Power supply	Name			V3		
	Phase			1~		
	Frequency	Hz		50		
	Voltage			V		
Current	Nominal running current (RLA)	Cooling	A	16.3	21.9	25.7
		Heating	A	19.4	24.4	26.7
	Starting current (MSC)		A	19.4	24.4	26.7
	Min. circuit amp (MCA)		A	27.0		
	Max. fuse amps (MFA)		A	32.0		
	Total overcurrent amps (TOCA)		A	27.0		
	Full load amps (FLA)		A	0.3 + 0.3 (Fan motor)		
	Voltage range	Min.		V	207	
Max.		V	253			
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		

3TW26791-3

SYMBOLS

- MCA : Min. circuit amps
- TOCA : Total over-current amps
- MFA : Max. Fuse Amps (see note 6)
- RLA : Rated Load Amps (A)
- FLA : Full Load Amps
- MSC : Starting current (see note 7)

NOTES

- 1 RLA is based on the following conditions:
Indoor temperature 27°CDB/19°CWB
Outdoor temperature 35°CDB
- 2 TOCA means the total value of each OC set.
- 3 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
- 4 Maximum allowable voltage variation between phases is 2%
- 5 Select wire size based on the larger value of MCA or TOCA.
- 6 Instead of fuse, use circuit breaker. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).
- 7 MSC means the maximum current during start up of the compressor
- 8 For more details concerning conditional connections, see <http://www.daikineurope.com/extranet>, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button.
Finally, click on the document title of your choice.

4 Options

4 RMXS-D

N°	Item	RMXS112D7	RMXS140D7	RMXS160D7
1	Drain plug*		KKPJ5F180	
2	Refnet joint		KHRQ22M20TA7	
3	Branch provider (2 rooms)		BPMKS967A2B	
4	Branch provider (3 rooms)		BPMKS967A3B	

Note: 1 drain plug kit is included with the unit

4TW26791-2

5 Capacity tables

5 - 1 Selection procedure

Number of indoor units 1-9

Total indoor unit capacity: from 50% to 130% of nominal outdoor capacity

BP: 1 to 3

Indoor Units	FTXS-D/C/B						FVXS-B			FLXS-B				F/CDXS-C				FCQ-B / FFQ-B / FHQ-B / FBQ-B				FDBQ
	20	25	35	50	60	71	25	35	50	25	35	50	60	25	35	50	60	25	35	50	60	
Indoor class	2.0	2.5	3.5	5.0	6.0	7.1	2.5	3.5	5.0	2.5	3.5	5.0	6.0	2.5	3.5	5.0	6.0	2.5	3.5	5.0	6.0	2.5
System capacity	2.0	2.5	3.5	5.0	6.0	7.1	2.5	3.5	5.0	2.5	3.5	5.0	6.0	2.5	3.5	5.0	6.0	2.5	3.5	5.0	6.0	2.5

Formula Capacity of each indoor unit = $\frac{\text{Capacity calculated on the table below} \times \text{system capacity of each indoor unit}}{\text{Total system capacity of the indoor units}}$

Example for a RMXS140D

Total system cap. of the indoor units FTXS25D FTXS35D FVXS50B FBQ60B = 17 << 18.2

2.5 + 3.5 + 5.0 + 6.0

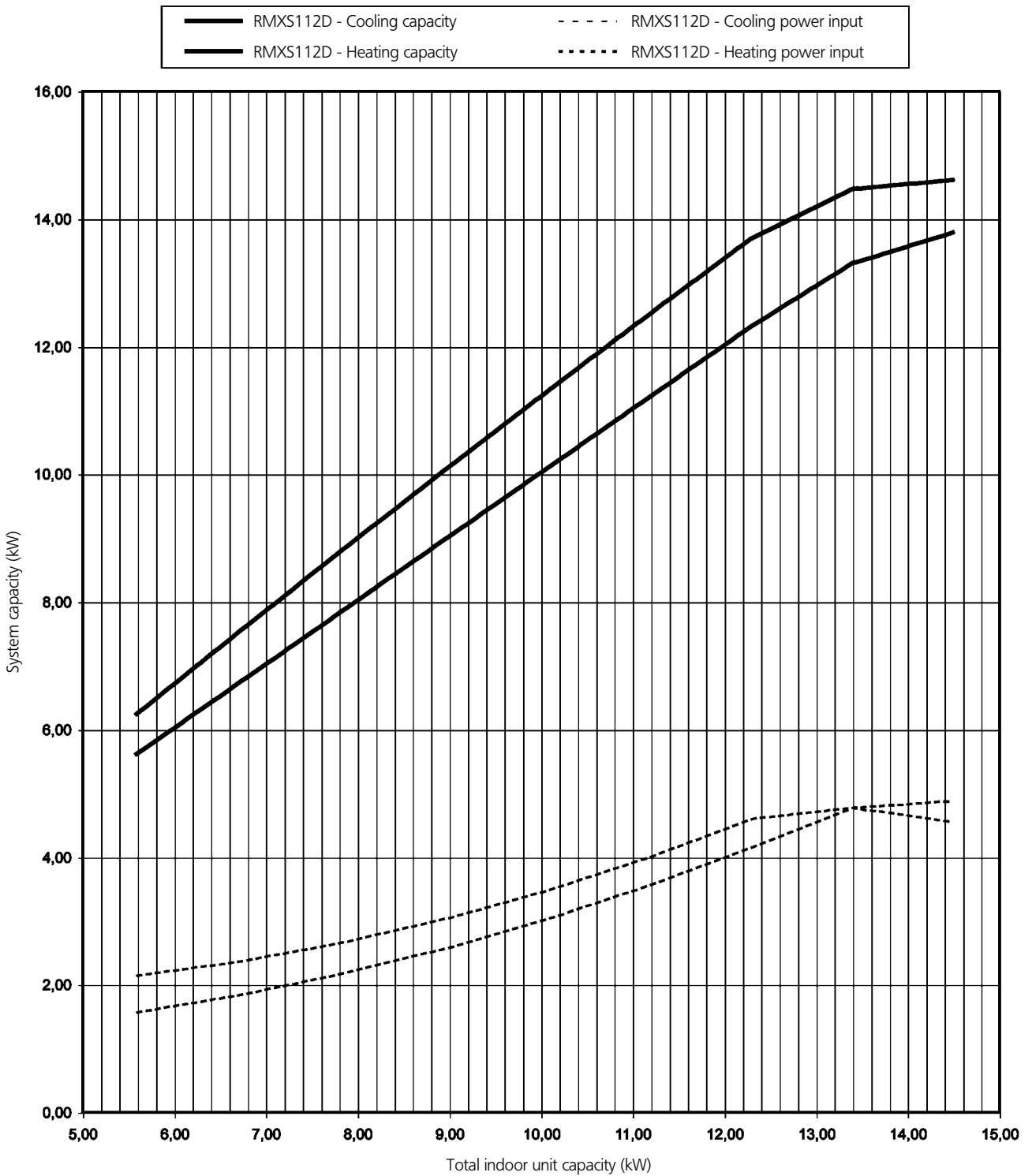
Cooling capacity of FTXS25D = $\frac{14.98 \times 2.5}{17}$ = 2.203 FVXS50B = $\frac{14.98 \times 5.0}{17}$ = 4.406

Cooling capacity of FTXS35D = $\frac{14.98 \times 3.5}{17}$ = 3.084 FBQ60B = $\frac{14.98 \times 6.0}{17}$ = 5.287

5 Capacity tables

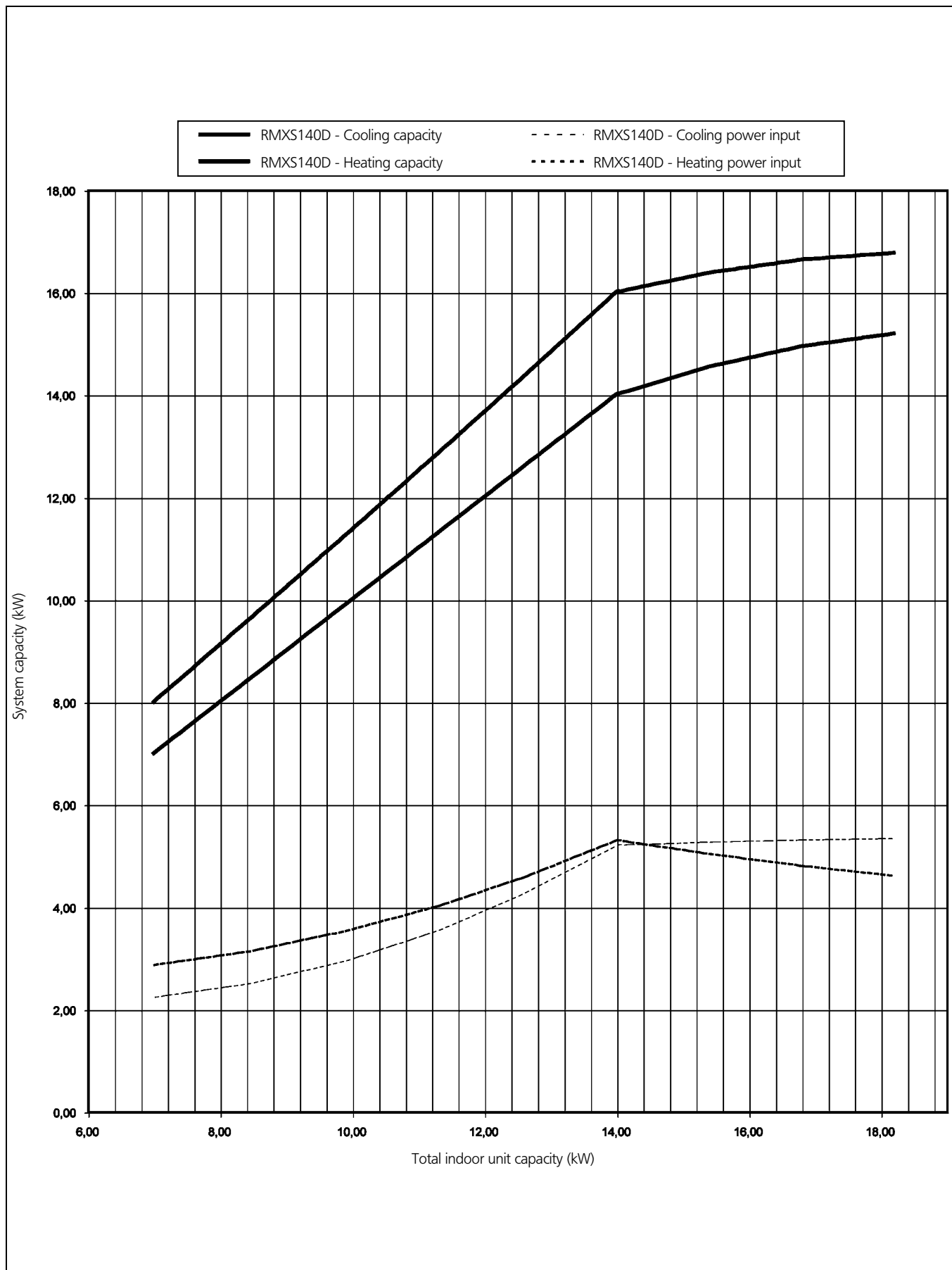
5 - 1 Selection procedure

5



5 Capacity tables

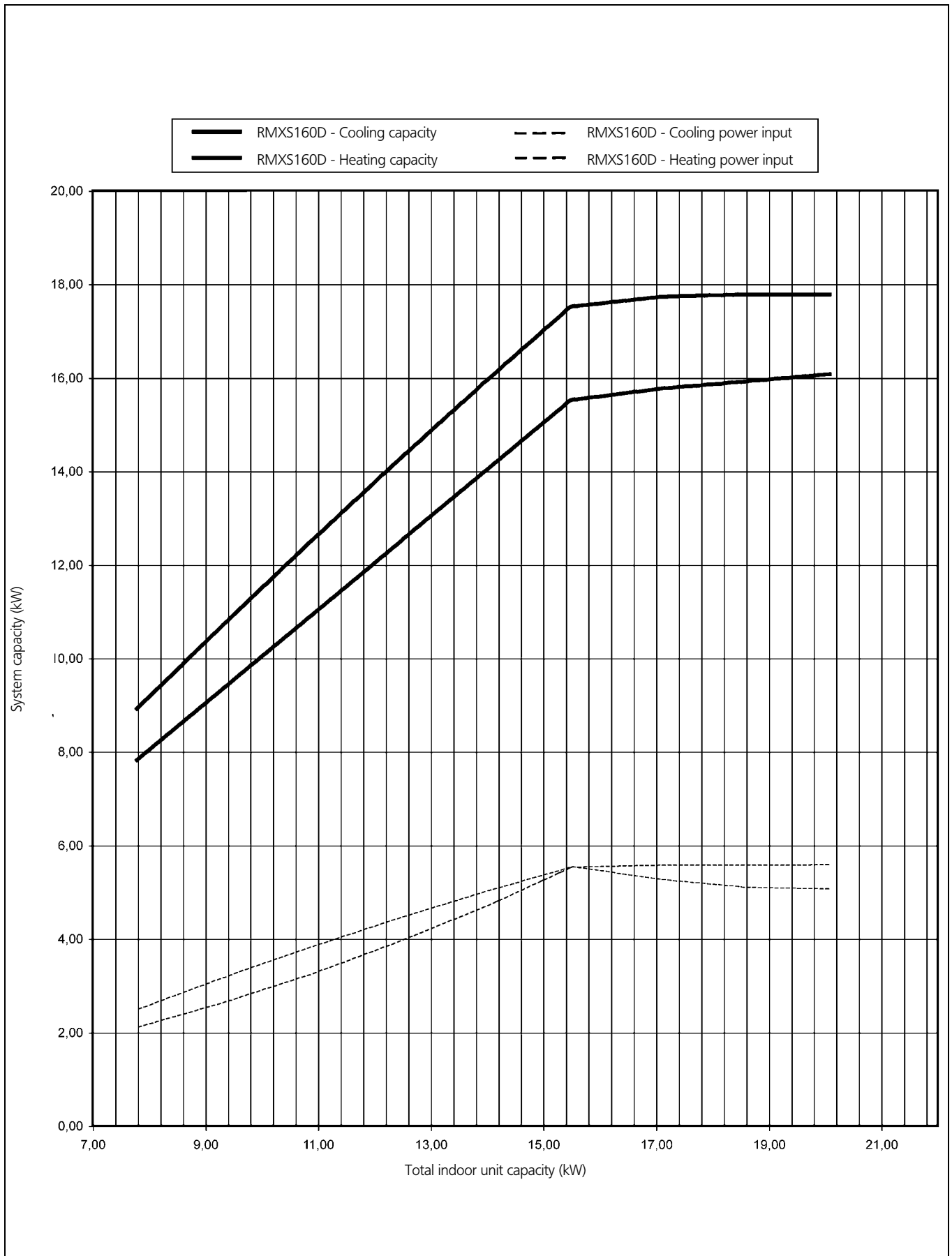
5 - 1 Selection procedure



5 Capacity tables

5 - 1 Selection procedure

5



5 Capacity tables

5 - 2 System capacity table

RMXS-D

Indoor unit combination capacity

Total indoor capacity	RMXS112D				RMXS140D				RMXS160D			
	Cooling		Heating		Cooling		Heating		Cooling		Heating	
	Capacity	Power input	Capacity	Power input	Capacity	Power input	Capacity	Power input	Capacity	Power input	Capacity	Power input
kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
5.60	5.60	1.57	6.23	2.15								
5.70	5.70	1.59	6.34	2.16								
5.80	5.80	1.62	6.46	2.18								
5.90	5.90	1.64	6.57	2.20								
6.00	6.00	1.66	6.69	2.22								
6.10	6.10	1.69	6.81	2.24								
6.20	6.20	1.71	6.92	2.26								
6.30	6.30	1.74	7.04	2.28								
6.40	6.40	1.76	7.15	2.30								
6.50	6.50	1.78	7.27	2.32								
6.60	6.60	1.81	7.38	2.34								
6.70	6.70	1.83	7.50	2.36								
6.80	6.80	1.86	7.61	2.38								
6.90	6.90	1.89	7.72	2.41								
7.00	7.00	1.92	7.84	2.44	7.00	2.26	8.00	2.88				
7.10	7.10	1.95	7.95	2.46	7.10	2.28	8.11	2.90				
7.20	7.20	1.98	8.07	2.49	7.20	2.30	8.23	2.92				
7.30	7.30	2.01	8.18	2.52	7.30	2.32	8.34	2.93				
7.40	7.40	2.04	8.29	2.54	7.40	2.34	8.45	2.95				
7.50	7.50	2.07	8.41	2.57	7.50	2.36	8.56	2.97				
7.60	7.60	2.10	8.52	2.60	7.60	2.37	8.67	2.99				
7.70	7.70	2.13	8.63	2.62	7.70	2.39	8.78	3.01				
7.80	7.80	2.16	8.75	2.65	7.80	2.41	8.89	3.02	7.80	2.13	8.90	2.51
7.90	7.90	2.20	8.86	2.68	7.90	2.43	9.00	3.04	7.90	2.16	9.02	2.55
8.00	8.00	2.23	8.97	2.71	8.00	2.45	9.12	3.06	8.00	2.20	9.13	2.60
8.10	8.10	2.27	9.08	2.75	8.10	2.47	9.23	3.08	8.10	2.23	9.25	2.64
8.20	8.20	2.30	9.20	2.78	8.20	2.48	9.34	3.10	8.20	2.27	9.37	2.69
8.30	8.30	2.34	9.31	2.81	8.30	2.50	9.45	3.12	8.30	2.30	9.49	2.73
8.40	8.40	2.37	9.42	2.85	8.40	2.52	9.56	3.13	8.40	2.34	9.60	2.78
8.50	8.50	2.41	9.53	2.88	8.50	2.55	9.67	3.16	8.50	2.37	9.72	2.82
8.60	8.60	2.44	9.64	2.91	8.60	2.58	9.79	3.19	8.60	2.41	9.84	2.87
8.70	8.70	2.48	9.76	2.95	8.70	2.61	9.90	3.22	8.70	2.44	9.95	2.91
8.80	8.80	2.51	9.87	2.98	8.80	2.64	10.01	3.24	8.80	2.47	10.07	2.96
8.90	8.90	2.55	9.98	3.01	8.90	2.67	10.12	3.27	8.90	2.51	10.19	3.00
9.00	9.00	2.58	10.09	3.05	9.00	2.70	10.24	3.30	9.00	2.54	10.31	3.05
9.10	9.10	2.62	10.20	3.09	9.10	2.73	10.35	3.32	9.10	2.58	10.42	3.09
9.20	9.20	2.67	10.31	3.13	9.20	2.76	10.46	3.35	9.20	2.61	10.54	3.14
9.30	9.30	2.71	10.42	3.17	9.30	2.79	10.57	3.38	9.30	2.65	10.66	3.18
9.40	9.40	2.75	10.53	3.21	9.40	2.82	10.69	3.41	9.40	2.69	10.77	3.22
9.50	9.50	2.79	10.64	3.25	9.50	2.85	10.80	3.43	9.50	2.72	10.89	3.27

NOTES

Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
 Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).
 The rated capacities above show the rise in indoor unit connection capacity when operating frequency is constant.
 Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.

5 Capacity tables

5 - 2 System capacity table

5

Total indoor capacity	RMXS112D				RMXS140D				RMXS160D			
	Cooling		Heating		Cooling		Heating		Cooling		Heating	
	Capacity	Power input	Capacity	Power input	Capacity	Power input	Capacity	Power input	Capacity	Power input	Capacity	Power input
kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
9.60	9.60	2.83	10.75	3.29	9.60	2.88	10.91	3.46	9.60	2.76	11.00	3.31
9.70	9.70	2.88	10.86	3.33	9.70	2.91	11.03	3.49	9.70	2.80	11.12	3.35
9.80	9.80	2.92	10.97	3.37	9.80	2.95	11.14	3.51	9.80	2.84	11.23	3.39
9.90	9.90	2.96	11.08	3.41	9.90	2.98	11.25	3.54	9.90	2.88	11.35	3.43
10.00	10.00	3.00	11.19	3.45	10.00	3.02	11.37	3.58	10.00	2.92	11.46	3.47
10.10	10.10	3.04	11.31	3.49	10.10	3.06	11.48	3.61	10.10	2.96	11.58	3.52
10.20	10.20	3.09	11.41	3.54	10.20	3.10	11.59	3.65	10.20	3.00	11.69	3.56
10.30	10.30	3.14	11.52	3.58	10.30	3.15	11.71	3.68	10.30	3.04	11.80	3.60
10.40	10.40	3.18	11.63	3.63	10.40	3.19	11.82	3.72	10.40	3.08	11.92	3.64
10.50	10.50	3.23	11.74	3.68	10.50	3.23	11.94	3.75	10.50	3.11	12.03	3.68
10.60	10.60	3.28	11.85	3.72	10.60	3.27	12.05	3.78	10.60	3.15	12.15	3.73
10.70	10.70	3.33	11.96	3.77	10.70	3.32	12.16	3.82	10.70	3.19	12.26	3.77
10.80	10.80	3.38	12.07	3.82	10.80	3.36	12.28	3.85	10.80	3.23	12.38	3.81
10.90	10.90	3.42	12.17	3.86	10.90	3.40	12.39	3.89	10.90	3.27	12.49	3.85
11.00	11.00	3.47	12.28	3.91	11.00	3.44	12.51	3.92	11.00	3.32	12.60	3.89
11.10	11.10	3.52	12.39	3.96	11.10	3.48	12.62	3.96	11.10	3.36	12.72	3.93
11.20	11.20	3.57	12.50	4.01	11.20	3.53	12.74	3.99	11.20	3.40	12.83	3.97
11.30	11.30	3.62	12.61	4.06	11.30	3.57	12.85	4.03	11.30	3.45	12.94	4.01
11.40	11.40	3.67	12.71	4.11	11.40	3.63	12.97	4.07	11.40	3.49	13.05	4.05
11.50	11.50	3.73	12.82	4.17	11.50	3.68	13.08	4.12	11.50	3.54	13.16	4.09
11.60	11.60	3.78	12.93	4.22	11.60	3.74	13.20	4.16	11.60	3.58	13.27	4.13
11.70	11.70	3.83	13.03	4.27	11.70	3.79	13.31	4.20	11.70	3.63	13.39	4.17
11.80	11.80	3.89	13.14	4.33	11.80	3.85	13.43	4.25	11.80	3.67	13.50	4.21
11.90	11.90	3.94	13.25	4.38	11.90	3.91	13.55	4.29	11.90	3.72	13.61	4.25
12.00	12.00	3.99	13.35	4.44	12.00	3.96	13.66	4.33	12.00	3.76	13.72	4.29
12.10	12.10	4.05	13.46	4.49	12.10	4.02	13.78	4.38	12.10	3.81	13.83	4.33
12.20	12.20	4.10	13.57	4.54	12.20	4.07	13.89	4.42	12.20	3.85	13.94	4.37
12.30	12.30	4.15	13.68	4.60	12.30	4.13	14.01	4.46	12.30	3.90	14.06	4.41
12.40	12.39	4.21	13.75	4.61	12.40	4.19	14.13	4.51	12.40	3.94	14.17	4.45
12.50	12.48	4.27	13.82	4.63	12.50	4.24	14.24	4.55	12.50	3.99	14.28	4.48
12.60	12.57	4.32	13.89	4.65	12.60	4.30	14.36	4.59	12.60	4.04	14.39	4.52
12.70	12.66	4.38	13.96	4.66	12.70	4.37	14.47	4.65	12.70	4.09	14.49	4.56
12.80	12.75	4.43	14.03	4.68	12.80	4.43	14.59	4.70	12.80	4.14	14.60	4.59
12.90	12.84	4.49	14.10	4.69	12.90	4.50	14.71	4.75	12.90	4.19	14.71	4.63
13.00	12.93	4.55	14.17	4.71	13.00	4.57	14.83	4.80	13.00	4.23	14.82	4.67
13.10	13.02	4.60	14.24	4.73	13.10	4.63	14.94	4.85	13.10	4.28	14.93	4.70
13.20	13.10	4.66	14.31	4.74	13.20	4.70	15.06	4.90	13.20	4.33	15.04	4.74
13.30	13.19	4.72	14.38	4.76	13.30	4.77	15.18	4.95	13.30	4.38	15.15	4.78
13.40	13.28	4.77	14.45	4.77	13.40	4.83	15.30	5.00	13.40	4.43	15.26	4.82
13.50	13.33	4.78	14.47	4.75	13.50	4.90	15.41	5.06	13.50	4.48	15.37	4.85
13.60	13.37	4.79	14.48	4.73	13.60	4.97	15.53	5.11	13.60	4.53	15.48	4.89
13.70	13.42	4.80	14.49	4.71	13.70	5.03	15.65	5.16	13.70	4.58	15.58	4.93
13.80	13.46	4.81	14.50	4.69	13.80	5.10	15.77	5.21	13.80	4.62	15.69	4.96
13.90	13.50	4.82	14.52	4.67	13.90	5.16	15.88	5.26	13.90	4.67	15.80	5.00
14.00	13.55	4.83	14.53	4.65	14.00	5.23	16.00	5.31	14.00	4.72	15.91	5.04
14.10	13.59	4.84	14.54	4.63	14.04	5.24	16.03	5.29	14.10	4.78	16.02	5.07
14.20	13.64	4.85	14.56	4.61	14.08	5.24	16.05	5.27	14.20	4.83	16.12	5.11
14.30	13.68	4.86	14.57	4.59	14.12	5.24	16.08	5.26	14.30	4.89	16.23	5.14
14.40	13.73	4.87	14.58	4.57	14.16	5.25	16.11	5.24	14.40	4.94	16.34	5.18
14.50	13.77	4.88	14.60	4.55	14.19	5.25	16.14	5.22	14.50	5.00	16.44	5.21

NOTES

Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
 Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).
 The rated capacities above show the rise in indoor unit connection capacity when operating frequency is constant.
 Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.

5 Capacity tables

5 - 2 System capacity table

Total indoor capacity kW	RMXS112D				RMXS140D				RMXS160D			
	Cooling		Heating		Cooling		Heating		Cooling		Heating	
	Capacity kW	Power input kW	Capacity kW	Power input kW	Capacity kW	Power input kW	Capacity kW	Power input kW	Capacity kW	Power input kW	Capacity kW	Power input kW
14.60				14.23	5.26	16.16	5.20	14.60	5.05	16.55	5.25	
14.70				14.27	5.26	16.19	5.18	14.70	5.11	16.65	5.28	
14.80				14.31	5.27	16.22	5.16	14.80	5.16	16.76	5.31	
14.90				14.35	5.27	16.24	5.14	14.90	5.22	16.86	5.35	
15.00				14.39	5.27	16.27	5.12	15.00	5.27	16.97	5.38	
15.10				14.43	5.28	16.30	5.10	15.10	5.33	17.08	5.42	
15.20				14.47	5.28	16.33	5.08	15.20	5.38	17.18	5.45	
15.30				14.51	5.29	16.35	5.07	15.30	5.44	17.29	5.49	
15.40				14.54	5.29	16.38	5.05	15.40	5.49	17.39	5.52	
15.50				14.57	5.29	16.40	5.03	15.50	5.55	17.50	5.56	
15.60				14.60	5.30	16.42	5.01	15.52	5.55	17.51	5.54	
15.70				14.63	5.30	16.43	5.00	15.53	5.55	17.53	5.52	
15.80				14.66	5.30	16.45	4.98	15.55	5.55	17.54	5.50	
15.90				14.69	5.31	16.47	4.96	15.56	5.56	17.55	5.49	
16.00				14.71	5.31	16.49	4.95	15.58	5.56	17.57	5.47	
16.10				14.74	5.31	16.51	4.93	15.59	5.56	17.58	5.45	
16.20				14.77	5.32	16.53	4.91	15.61	5.57	17.59	5.44	
16.30				14.80	5.32	16.54	4.90	15.62	5.57	17.61	5.42	
16.40				14.83	5.32	16.56	4.88	15.64	5.57	17.62	5.40	
16.50				14.86	5.33	16.58	4.86	15.65	5.57	17.63	5.39	
16.60				14.88	5.33	16.60	4.85	15.67	5.58	17.65	5.37	
16.70				14.91	5.33	16.62	4.83	15.69	5.58	17.66	5.35	
16.80				14.94	5.33	16.63	4.81	15.70	5.58	17.67	5.34	
16.90				14.96	5.34	16.64	4.80	15.72	5.58	17.69	5.32	
17.00				14.98	5.34	16.65	4.79	15.73	5.59	17.70	5.30	
17.10				15.00	5.34	16.66	4.77	15.75	5.59	17.71	5.28	
17.20				15.01	5.34	16.67	4.76	15.76	5.59	17.72	5.27	
17.30				15.03	5.34	16.68	4.74	15.77	5.59	17.72	5.26	
17.40				15.05	5.35	16.69	4.73	15.78	5.59	17.72	5.25	
17.50				15.07	5.35	16.70	4.72	15.79	5.59	17.73	5.24	
17.60				15.08	5.35	16.71	4.70	15.80	5.59	17.73	5.23	
17.70				15.10	5.35	16.72	4.69	15.81	5.59	17.73	5.22	
17.80				15.12	5.35	16.73	4.67	15.82	5.59	17.74	5.21	
17.90				15.14	5.36	16.74	4.66	15.83	5.59	17.74	5.19	
18.00				15.16	5.36	16.75	4.65	15.84	5.59	17.74	5.18	
18.10				15.17	5.36	16.76	4.63	15.85	5.59	17.75	5.17	
18.20				15.19	5.36	16.77	4.62	15.86	5.59	17.75	5.16	
18.30								15.87	5.59	17.75	5.15	
18.40								15.88	5.59	17.76	5.14	
18.50								15.89	5.59	17.76	5.13	
18.60								15.90	5.59	17.76	5.11	
18.70								15.91	5.59	17.76	5.11	
18.80								15.92	5.59	17.76	5.11	
18.90								15.93	5.59	17.76	5.11	
19.00								15.94	5.59	17.76	5.11	
19.10								15.95	5.59	17.76	5.10	
19.20								15.96	5.59	17.76	5.10	
19.30								15.97	5.59	17.76	5.10	
19.40								15.98	5.59	17.76	5.10	
19.50								16.00	5.59	17.76	5.09	
19.60								16.01	5.59	17.76	5.09	
19.70								16.02	5.59	17.76	5.09	
19.80								16.03	5.59	17.76	5.09	
19.90								16.04	5.60	17.76	5.09	
20.00								16.05	5.60	17.76	5.08	
20.10								16.06	5.60	17.76	5.08	

NOTES

Cooling capacity is based on 27°CDB / 19°CWB (indoor temperature), 35°CDB (outdoor temperature).
 Heating capacity is based on 20°CDB (indoor temperature), 7°CDB/6°CWB (outdoor temperature).
 The rated capacities above show the rise in indoor unit connection capacity when operating frequency is constant.
 Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.

5 Capacity tables

5 - 3 Cooling capacity tables

5 RMXS112D7V3B - Cooling capacity

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CWB													
		14		16		18		19		19.5		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	10	13.42	3.03	14.70	3.03	15.95	3.02	16.48	3.03	16.75	3.02	18.13	3.02	19.27	3.02
	12	13.30	3.12	14.56	3.12	15.79	3.13	16.31	3.13	16.57	3.13	17.93	3.13	19.06	3.14
	14	13.17	3.22	14.41	3.23	15.62	3.24	16.13	3.24	16.40	3.24	17.73	3.25	18.84	3.26
	16	13.03	3.33	14.26	3.34	15.45	3.35	15.95	3.36	16.21	3.36	17.52	3.38	18.62	3.39
	18	12.89	3.44	14.10	3.46	15.27	3.48	15.76	3.49	16.01	3.49	17.31	3.51	18.38	3.53
	20	12.74	3.57	13.92	3.59	15.07	3.61	15.56	3.63	15.81	3.63	17.08	3.66	18.14	3.68
	21	12.67	3.63	13.84	3.66	14.98	3.68	15.46	3.70	15.71	3.70	16.97	3.73	18.02	3.76
	23	12.51	3.77	13.66	3.80	14.77	3.83	15.25	3.84	15.49	3.85	16.74	3.89	17.77	3.91
	25	12.34	3.91	13.47	3.95	14.56	3.98	15.03	4.00	15.27	4.01	16.49	4.05	17.51	4.08
	27	12.17	4.07	13.27	4.11	14.35	4.15	14.81	4.16	15.04	4.17	16.24	4.22	17.24	4.26
	29	11.98	4.23	13.07	4.27	14.12	4.32	14.58	4.34	14.80	4.35	15.99	4.40	16.97	4.44
	31	11.79	4.40	12.85	4.45	13.89	4.50	14.33	4.52	14.56	4.53	15.72	4.58	16.68	4.63
	33	11.59	4.57	12.63	4.62	13.65	4.68	14.08	4.70	14.31	4.72	15.45	4.78	16.39	4.82
	35	11.39	4.76	12.40	4.82	13.40	4.87	13.83	4.90	14.04	4.91	15.16	4.98	16.09	5.03
	37	11.17	4.95	12.17	5.02	13.14	5.08	13.56	5.10	13.77	5.12	14.87	5.19	15.79	5.24
	39	10.95	5.16	11.92	5.22	12.87	5.29	13.29	5.32	13.49	5.33	14.57	5.40	15.47	5.47
41	10.72	5.37	11.67	5.44	12.60	5.51	13.00	5.54	13.21	5.55	14.26	5.63	15.14	5.69	
43	10.48	5.58	11.40	5.66	12.31	5.69	12.71	5.69	12.91	5.69	13.95	5.69	14.81	5.69	
46	10.10	5.16	10.99	5.16	11.87	5.16	12.26	5.16	12.45	5.16	13.45	5.16	14.29	5.16	
120%	10	12.41	2.97	14.10	2.96	15.26	2.96	15.79	2.96	16.07	2.95	17.46	2.95	18.61	2.95
	12	12.31	3.06	13.97	3.06	15.11	3.06	15.64	3.06	15.91	3.06	17.28	3.06	18.42	3.06
	14	12.20	3.15	13.84	3.16	14.95	3.16	15.48	3.16	15.74	3.17	17.09	3.18	18.21	3.18
	16	12.09	3.25	13.69	3.27	14.79	3.28	15.31	3.28	15.57	3.28	16.90	3.30	18.00	3.31
	18	11.97	3.36	13.54	3.38	14.62	3.40	15.13	3.41	15.38	3.41	16.70	3.43	17.78	3.45
	20	11.84	3.48	13.38	3.51	14.45	3.53	14.95	3.54	15.20	3.54	16.49	3.57	17.56	3.59
	21	11.77	3.54	13.30	3.58	14.36	3.60	14.85	3.61	15.10	3.61	16.38	3.64	17.44	3.66
	23	11.63	3.68	13.13	3.71	14.17	3.74	14.66	3.75	14.90	3.76	16.16	3.79	17.20	3.82
	25	11.49	3.81	12.96	3.86	13.97	3.89	14.45	3.90	14.70	3.91	15.93	3.95	16.96	3.98
	27	11.33	3.96	12.77	4.01	13.77	4.05	14.24	4.06	14.48	4.07	15.70	4.12	16.71	4.15
	29	11.17	4.12	12.58	4.17	13.56	4.21	14.03	4.23	14.26	4.24	15.45	4.29	16.45	4.33
	31	11.00	4.28	12.38	4.34	13.35	4.39	13.80	4.41	14.03	4.42	15.20	4.47	16.18	4.52
	33	10.83	4.46	12.17	4.51	13.12	4.57	13.57	4.59	13.79	4.61	14.94	4.66	15.90	4.71
	35	10.65	4.63	11.96	4.71	12.89	4.76	13.32	4.79	13.54	4.81	14.68	4.86	15.61	4.91
	37	10.45	4.82	11.74	4.90	12.64	4.96	13.07	4.99	13.29	5.01	14.40	5.07	15.32	5.12
	39	10.26	5.02	11.51	5.11	12.39	5.17	12.82	5.19	13.03	5.21	14.12	5.28	15.02	5.34
41	10.05	5.23	11.27	5.32	12.14	5.38	12.55	5.41	12.76	5.42	13.83	5.50	14.71	5.56	
43	9.83	5.44	11.02	5.54	11.87	5.60	12.27	5.63	12.48	5.65	13.53	5.69	14.39	5.69	
46	9.49	5.16	10.63	5.16	11.45	5.16	11.84	5.16	12.04	5.16	13.06	5.16	13.90	5.16	
110%	10	11.85	2.50	12.96	2.49	14.11	2.48	14.57	2.47	14.81	2.47	16.02	2.46	17.00	2.45
	12	11.74	2.59	12.84	2.58	13.97	2.58	14.42	2.57	14.66	2.57	15.85	2.57	16.82	2.56
	14	11.63	2.68	12.71	2.68	13.83	2.68	14.27	2.68	14.50	2.68	15.68	2.67	16.64	2.67
	16	11.52	2.78	12.58	2.79	13.67	2.79	14.12	2.79	14.34	2.79	15.50	2.79	16.45	2.79
	18	11.40	2.89	12.44	2.90	13.52	2.90	13.95	2.91	14.18	2.91	15.32	2.91	16.25	2.92
	20	11.27	3.01	12.30	3.01	13.35	3.02	13.78	3.03	14.00	3.03	15.13	3.04	16.05	3.05
	21	11.20	3.07	12.22	3.08	13.27	3.09	13.70	3.09	13.92	3.10	15.04	3.11	15.95	3.12
	23	11.07	3.19	12.07	3.20	13.10	3.22	13.52	3.23	13.73	3.23	14.84	3.25	15.73	3.26
	25	10.92	3.32	11.91	3.34	12.92	3.36	13.33	3.37	13.55	3.37	14.63	3.39	15.51	3.41
	27	10.78	3.46	11.74	3.48	12.74	3.50	13.14	3.51	13.35	3.52	14.42	3.54	15.29	3.56
	29	10.62	3.60	11.57	3.63	12.55	3.65	12.95	3.66	13.15	3.67	14.20	3.70	15.06	3.72
	31	10.46	3.75	11.39	3.78	12.35	3.81	12.74	3.82	12.95	3.83	13.98	3.86	14.82	3.88
	33	10.30	3.91	11.21	3.94	12.15	3.97	12.53	3.99	12.73	3.99	13.75	4.03	14.58	4.06
	35	10.12	4.07	11.02	4.11	11.94	4.14	12.32	4.16	12.51	4.17	13.51	4.20	14.33	4.24
	37	9.94	4.24	10.82	4.28	11.72	4.32	12.09	4.34	12.28	4.35	13.27	4.39	14.07	4.42
	39	9.82	4.42	10.61	4.46	11.50	4.50	11.86	4.52	12.05	4.53	13.02	4.57	13.80	4.61
41	9.56	4.60	10.40	4.65	11.27	4.69	11.63	4.71	11.81	4.72	12.76	4.77	13.53	4.81	
43	9.36	4.80	10.18	4.84	11.03	4.89	11.38	4.91	11.56	4.92	12.49	4.97	13.25	5.01	
46	9.05	5.09	9.84	5.14	10.66	5.16	11.00	5.16	11.18	5.16	12.08	5.16	12.82	5.16	

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

5 Capacity tables

5 - 3 Cooling capacity tables

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CWB													
		14		16		18		19		19.5		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	10	10.13	1.85	11.79	2.09	12.83	2.07	13.26	2.07	13.48	2.06	14.59	2.05	15.52	2.03
	12	10.13	1.94	11.68	2.17	12.71	2.16	13.13	2.15	13.34	2.15	14.44	2.14	15.36	2.13
	14	10.13	2.05	11.56	2.26	12.57	2.25	12.99	2.24	13.20	2.24	14.29	2.23	15.19	2.23
	16	10.13	2.17	11.44	2.35	12.43	2.34	12.84	2.34	13.05	2.34	14.12	2.34	15.01	2.33
	18	10.13	2.30	11.31	2.45	12.29	2.45	12.69	2.45	12.90	2.44	13.95	2.44	14.83	2.44
	20	10.13	2.45	11.18	2.55	12.14	2.55	12.54	2.55	12.74	2.55	13.78	2.56	14.65	2.56
	21	10.13	2.53	11.11	2.61	12.06	2.61	12.46	2.61	12.66	2.61	13.69	2.62	14.55	2.62
	23	10.13	2.71	10.97	2.72	11.91	2.73	12.30	2.73	12.49	2.73	13.51	2.74	14.36	2.74
	25	10.00	2.83	10.82	2.84	11.74	2.85	12.13	2.85	12.32	2.86	13.32	2.87	14.16	2.88
	27	9.86	2.95	10.67	2.97	11.58	2.98	11.95	2.98	12.15	2.99	13.13	3.00	13.95	3.01
	29	9.72	3.08	10.51	3.10	11.40	3.11	11.77	3.12	11.96	3.12	12.93	3.14	13.74	3.16
	31	9.57	3.22	10.35	3.24	11.22	3.26	11.59	3.26	11.77	3.27	12.73	3.29	13.52	3.30
	33	9.42	3.36	10.18	3.38	11.04	3.40	11.40	3.41	11.58	3.42	12.52	3.44	13.30	3.46
	35	9.26	3.51	10.01	3.53	10.85	3.56	11.20	3.57	11.38	3.57	12.30	3.60	13.07	3.62
	37	9.09	3.66	9.83	3.69	10.65	3.71	11.00	3.73	11.17	3.73	12.08	3.76	12.84	3.79
	39	8.98	3.82	9.64	3.85	10.45	3.88	10.79	3.89	10.96	3.90	11.85	3.93	12.59	3.96
41	8.74	3.99	9.45	4.02	10.24	4.05	10.57	4.06	10.74	4.07	11.62	4.11	12.35	4.14	
43	8.56	4.16	9.25	4.19	10.02	4.23	10.35	4.24	10.52	4.25	11.38	4.29	12.09	4.32	
46	8.27	4.43	8.94	4.47	9.69	4.50	10.01	4.52	10.17	4.53	11.00	4.57	11.70	4.60	
90%	10	9.83	1.76	10.61	1.74	11.55	1.72	11.94	1.72	12.14	1.71	13.16	1.69	14.03	1.68
	12	9.74	1.82	10.50	1.81	11.43	1.80	11.82	1.79	12.02	1.79	13.02	1.77	13.88	1.76
	14	9.64	1.90	10.40	1.89	11.31	1.87	11.69	1.87	11.89	1.87	12.88	1.85	13.72	1.84
	16	9.54	1.97	10.29	1.97	11.19	1.96	11.56	1.95	11.75	1.95	12.73	1.94	13.56	1.93
	18	9.44	2.06	10.17	2.05	11.06	2.04	11.43	2.04	11.61	2.04	12.58	2.03	13.40	2.03
	20	9.33	2.14	10.05	2.14	10.92	2.14	11.29	2.14	11.47	2.14	12.42	2.13	13.23	2.13
	21	9.27	2.19	9.99	2.19	10.85	2.19	11.22	2.19	11.40	2.19	12.34	2.18	13.15	2.18
	23	9.16	2.29	9.86	2.29	10.71	2.29	11.07	2.29	11.25	2.29	12.18	2.29	12.97	2.29
	25	9.04	2.39	9.73	2.40	10.56	2.40	10.92	2.40	11.09	2.40	12.01	2.41	12.79	2.41
	27	8.91	2.50	9.59	2.51	10.41	2.51	10.76	2.52	10.94	2.52	11.84	2.53	12.60	2.53
	29	8.78	2.62	9.45	2.63	10.26	2.63	10.60	2.64	10.77	2.64	11.66	2.65	12.41	2.66
	31	8.65	2.74	9.31	2.75	10.10	2.76	10.43	2.77	10.60	2.77	11.47	2.78	12.22	2.79
	33	8.51	2.87	9.15	2.88	9.93	2.89	10.26	2.90	10.43	2.90	11.29	2.92	12.01	2.93
	35	8.36	3.00	9.00	3.01	9.76	3.03	10.08	3.04	10.25	3.04	11.09	3.06	11.81	3.07
	37	8.21	3.14	8.84	3.15	9.58	3.17	9.90	3.18	10.06	3.18	10.89	3.20	11.60	3.22
	39	8.11	3.28	8.67	3.30	9.40	3.32	9.71	3.33	9.87	3.33	10.69	3.36	11.38	3.38
41	7.89	3.43	8.50	3.45	9.21	3.48	9.52	3.49	9.67	3.49	10.48	3.52	11.16	3.54	
43	7.73	3.59	8.32	3.61	9.02	3.64	9.32	3.65	9.47	3.65	10.26	3.68	10.93	3.70	
46	7.47	3.83	8.04	3.86	8.72	3.89	9.01	3.90	9.16	3.91	9.93	3.94	10.57	3.96	
80%	10	8.75	1.47	9.40	1.45	10.25	1.43	10.61	1.42	10.78	1.42	11.71	1.39	12.50	1.38
	12	8.67	1.52	9.31	1.51	10.15	1.49	10.50	1.48	10.68	1.48	11.59	1.46	12.37	1.44
	14	8.58	1.58	9.22	1.57	10.04	1.55	10.39	1.55	10.56	1.54	11.46	1.53	12.24	1.51
	16	8.49	1.65	9.12	1.64	9.93	1.62	10.27	1.62	10.44	1.62	11.33	1.60	12.09	1.59
	18	8.40	1.72	9.02	1.71	9.81	1.70	10.15	1.70	10.32	1.69	11.20	1.68	11.95	1.67
	20	8.30	1.80	8.91	1.79	9.70	1.78	10.03	1.78	10.20	1.78	11.06	1.77	11.80	1.76
	21	8.25	1.84	8.86	1.83	9.64	1.82	9.97	1.82	10.13	1.82	10.99	1.81	11.72	1.81
	23	8.15	1.92	8.74	1.92	9.51	1.91	9.84	1.91	10.00	1.91	10.84	1.91	11.57	1.90
	25	8.04	2.01	8.63	2.01	9.38	2.01	9.70	2.01	9.86	2.01	10.70	2.01	11.41	2.01
	27	7.93	2.11	8.51	2.11	9.25	2.11	9.56	2.11	9.72	2.11	10.54	2.11	11.24	2.11
	29	7.81	2.21	8.38	2.21	9.11	2.22	9.42	2.22	9.58	2.22	10.38	2.22	11.07	2.23
	31	7.69	2.32	8.25	2.32	8.97	2.33	9.27	2.33	9.43	2.33	10.22	2.34	10.90	2.34
	33	7.57	2.43	8.12	2.44	8.82	2.45	9.12	2.45	9.27	2.45	10.05	2.46	10.72	2.47
	35	7.44	2.55	7.98	2.56	8.67	2.57	8.96	2.57	9.11	2.57	9.88	2.59	10.54	2.59
	37	7.30	2.67	7.84	2.68	8.51	2.70	8.80	2.70	8.95	2.70	9.70	2.72	10.35	2.73
	39	7.21	2.80	7.69	2.82	8.35	2.83	8.64	2.84	8.78	2.84	9.52	2.85	10.16	2.87
41	7.02	2.94	7.54	2.95	8.18	2.97	8.46	2.98	8.61	2.98	9.34	3.00	9.96	3.01	
43	6.88	3.08	7.38	3.10	8.01	3.11	8.29	3.12	8.43	3.13	9.14	3.15	9.76	3.16	
46	6.64	3.30	7.13	3.32	7.75	3.34	8.02	3.35	8.15	3.36	8.85	3.38	9.44	3.40	

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

5 Capacity tables

5 - 3 Cooling capacity tables

5

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CWB													
		14		16		18		19		19.5		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	10	7.62	1.23	8.18	1.21	8.94	1.19	9.26	1.18	9.42	1.18	10.25	1.16	10.96	1.14
	12	7.55	1.27	8.10	1.26	8.85	1.24	9.17	1.23	9.33	1.23	10.14	1.21	10.85	1.19
	14	7.47	1.32	8.02	1.31	8.76	1.29	9.07	1.28	9.23	1.28	10.04	1.26	10.73	1.25
	16	7.40	1.38	7.94	1.36	8.67	1.35	8.97	1.34	9.13	1.34	9.92	1.33	10.61	1.31
	18	7.32	1.44	7.85	1.43	8.57	1.41	8.87	1.41	9.02	1.41	9.81	1.39	10.48	1.38
	20	7.24	1.50	7.76	1.49	8.47	1.48	8.77	1.48	8.91	1.48	9.69	1.47	10.36	1.46
	21	7.19	1.54	7.71	1.53	8.41	1.52	8.71	1.51	8.86	1.51	9.63	1.50	10.29	1.50
	23	7.10	1.61	7.62	1.60	8.31	1.60	8.60	1.59	8.75	1.59	9.50	1.58	10.15	1.58
	25	7.01	1.69	7.52	1.68	8.19	1.68	8.48	1.68	8.63	1.67	9.37	1.67	10.02	1.67
	27	6.92	1.77	7.41	1.77	8.08	1.77	8.36	1.76	8.51	1.76	9.24	1.76	9.87	1.76
	29	6.81	1.86	7.31	1.86	7.96	1.86	8.24	1.86	8.38	1.86	9.10	1.86	9.73	1.86
	31	6.71	1.96	7.19	1.96	7.84	1.96	8.11	1.96	8.25	1.96	8.96	1.96	9.57	1.96
	33	6.60	2.06	7.08	2.06	7.71	2.06	7.98	2.06	8.11	2.06	8.82	2.07	9.42	2.07
	35	6.49	2.16	6.96	2.17	7.58	2.17	7.84	2.17	7.98	2.17	8.67	2.18	9.26	2.19
	37	6.37	2.27	6.83	2.28	7.44	2.29	7.70	2.29	7.83	2.29	8.51	2.30	9.10	2.31
	39	6.30	2.39	6.71	2.40	7.30	2.41	7.56	2.41	7.69	2.41	8.36	2.42	8.93	2.43
41	6.13	2.51	6.57	2.52	7.16	2.53	7.41	2.54	7.54	2.54	8.19	2.55	8.76	2.56	
43	6.00	2.64	6.44	2.65	7.01	2.66	7.26	2.67	7.38	2.67	8.03	2.69	8.58	2.70	
46	5.80	2.84	6.23	2.86	6.78	2.87	7.02	2.88	7.14	2.88	7.77	2.90	8.31	2.91	
60%	10	6.44	1.05	6.94	1.03	7.62	1.01	7.90	1.00	8.04	1.00	8.77	0.97	9.40	0.96
	12	6.38	1.08	6.88	1.06	7.55	1.04	7.83	1.04	7.97	1.03	8.69	1.01	9.30	1.00
	14	6.32	1.12	6.81	1.10	7.47	1.08	7.75	1.08	7.89	1.07	8.60	1.06	9.21	1.04
	16	6.26	1.16	6.75	1.15	7.40	1.13	7.67	1.12	7.80	1.12	8.51	1.11	9.11	1.10
	18	6.20	1.21	6.67	1.20	7.32	1.18	7.58	1.18	7.72	1.17	8.41	1.16	9.00	1.15
	20	6.13	1.26	6.60	1.25	7.23	1.24	7.49	1.23	7.63	1.23	8.31	1.22	8.90	1.21
	21	6.10	1.29	6.56	1.28	7.19	1.27	7.45	1.26	7.58	1.26	8.26	1.25	8.84	1.25
	23	6.02	1.35	6.48	1.34	7.10	1.33	7.36	1.33	7.49	1.33	8.16	1.32	8.73	1.32
	25	5.95	1.42	6.40	1.41	7.01	1.40	7.26	1.40	7.39	1.40	8.05	1.39	8.61	1.39
	27	5.87	1.49	6.31	1.48	6.91	1.48	7.16	1.48	7.29	1.48	7.94	1.47	8.49	1.47
	29	5.78	1.57	6.22	1.56	6.81	1.56	7.06	1.56	7.18	1.56	7.82	1.56	8.37	1.56
	31	5.70	1.65	6.13	1.65	6.71	1.65	6.95	1.65	7.07	1.65	7.70	1.65	8.24	1.65
	33	5.61	1.74	6.03	1.74	6.60	1.74	6.84	1.74	6.96	1.74	7.58	1.74	8.11	1.75
	35	5.51	1.83	5.93	1.84	6.49	1.84	6.72	1.84	6.84	1.84	7.45	1.84	7.97	1.85
	37	5.42	1.93	5.83	1.94	6.37	1.94	6.60	1.94	6.72	1.94	7.32	1.95	7.83	1.95
	39	5.35	2.04	5.72	2.04	6.25	2.05	6.48	2.05	6.60	2.05	7.19	2.06	7.69	2.07
41	5.21	2.15	5.61	2.16	6.13	2.16	6.36	2.17	6.47	2.17	7.05	2.18	7.55	2.19	
43	5.10	2.27	5.49	2.27	6.01	2.28	6.23	2.29	6.34	2.29	6.91	2.30	7.39	2.31	
46	4.93	2.45	5.31	2.46	5.81	2.47	6.02	2.48	6.13	2.48	6.69	2.49	7.16	2.50	
50%	10	5.21	0.92	5.68	0.90	6.29	0.88	6.53	0.87	6.65	0.87	7.29	0.85	7.81	0.84
	12	5.17	0.94	5.64	0.92	6.23	0.90	6.47	0.90	6.60	0.89	7.22	0.88	7.74	0.87
	14	5.13	0.96	5.59	0.95	6.18	0.93	6.41	0.93	6.53	0.92	7.15	0.91	7.67	0.90
	16	5.09	1.00	5.54	0.98	6.12	0.97	6.35	0.96	6.47	0.96	7.08	0.95	7.59	0.94
	18	5.04	1.03	5.48	1.02	6.06	1.01	6.29	1.00	6.40	1.00	7.01	0.99	7.51	0.98
	20	4.99	1.07	5.43	1.06	5.99	1.05	6.22	1.05	6.33	1.05	6.93	1.04	7.42	1.03
	21	4.96	1.10	5.40	1.09	5.96	1.08	6.18	1.07	6.30	1.07	6.89	1.06	7.38	1.06
	23	4.91	1.15	5.34	1.14	5.89	1.13	6.11	1.13	6.22	1.13	6.80	1.12	7.29	1.12
	25	4.85	1.20	5.27	1.20	5.81	1.19	6.03	1.19	6.14	1.19	6.72	1.18	7.20	1.18
	27	4.79	1.26	5.21	1.26	5.74	1.25	5.95	1.25	6.06	1.25	6.63	1.25	7.10	1.25
	29	4.72	1.33	5.13	1.33	5.66	1.32	5.87	1.32	5.98	1.32	6.54	1.32	7.00	1.32
	31	4.65	1.40	5.06	1.40	5.57	1.40	5.78	1.40	5.89	1.40	6.44	1.40	6.90	1.40
	33	4.58	1.48	4.98	1.48	5.49	1.48	5.69	1.48	5.80	1.48	6.34	1.48	6.79	1.49
	35	4.51	1.57	4.90	1.57	5.40	1.57	5.60	1.57	5.70	1.57	6.24	1.57	6.68	1.58
	37	4.43	1.66	4.82	1.66	5.30	1.66	5.50	1.66	5.61	1.66	6.13	1.67	6.57	1.67
	39	4.38	1.75	4.73	1.75	5.21	1.76	5.40	1.76	5.50	1.76	6.02	1.77	6.45	1.78
41	4.27	1.85	4.64	1.86	5.11	1.86	5.30	1.86	5.40	1.87	5.91	1.87	6.33	1.88	
43	4.18	1.96	4.55	1.96	5.00	1.97	5.19	1.97	5.29	1.98	5.79	1.99	6.20	2.00	
46	4.04	2.13	4.40	2.14	4.84	2.15	5.03	2.15	5.12	2.15	5.60	2.16	6.01	2.18	

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

5 Capacity tables

5 - 3 Cooling capacity tables

RMXS140D7V3B - Cooling capacity

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CWB													
		14		16		18		19		19.5		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	10	14.82	3.31	16.70	3.32	17.70	3.32	18.27	3.33	18.58	3.33	20.11	3.34	21.63	3.36
	12	14.68	3.41	16.52	3.43	17.51	3.44	18.07	3.44	18.38	3.45	19.88	3.46	21.38	3.49
	14	14.53	3.52	16.34	3.54	17.31	3.56	17.86	3.57	18.17	3.57	19.65	3.60	21.12	3.62
	16	14.37	3.64	16.15	3.67	17.11	3.69	17.65	3.70	17.95	3.70	19.41	3.74	20.85	3.77
	18	14.21	3.76	15.95	3.80	16.89	3.82	17.43	3.84	17.72	3.84	19.16	3.88	20.58	3.92
	20	14.04	3.90	15.74	3.94	16.67	3.97	17.20	3.99	17.49	3.99	18.90	4.04	20.29	4.09
	21	13.95	3.97	15.63	4.02	16.56	4.05	17.08	4.06	17.37	4.07	18.76	4.12	20.15	4.17
	23	13.76	4.11	15.41	4.17	16.32	4.20	16.84	4.22	17.12	4.23	18.49	4.29	19.85	4.34
	25	13.57	4.27	15.19	4.33	16.08	4.37	16.58	4.39	16.86	4.40	18.21	4.46	19.55	4.52
	27	13.37	4.43	14.95	4.50	15.83	4.55	16.32	4.57	16.60	4.58	17.92	4.65	19.23	4.71
	29	13.16	4.60	14.70	4.68	15.57	4.73	16.05	4.76	16.32	4.77	17.62	4.84	18.91	4.91
	31	12.94	4.79	14.45	4.87	15.30	4.92	15.78	4.95	16.04	4.96	17.32	5.04	18.57	5.12
	33	12.71	4.98	14.20	5.07	15.02	5.12	15.49	5.15	15.75	5.17	17.00	5.25	18.23	5.33
	35	12.47	5.17	13.91	5.27	14.73	5.33	15.19	5.36	15.44	5.38	16.68	5.46	17.88	5.55
	37	12.23	5.38	13.63	5.49	14.43	5.55	14.89	5.58	15.13	5.60	16.34	5.69	17.52	5.78
	39	11.97	5.60	13.34	5.71	14.13	5.77	14.57	5.81	14.81	5.83	16.00	5.92	17.15	6.02
41	11.71	5.82	13.03	5.94	13.81	6.00	14.24	6.04	14.48	6.04	15.64	6.04	16.77	6.04	
43	11.43	5.69	12.72	5.69	13.49	5.69	13.91	5.69	14.14	5.69	15.28	5.69	16.38	5.69	
46	11.00	5.16	12.23	5.16	12.98	5.16	13.39	5.16	13.61	5.16	14.71	5.16	15.77	5.16	
120%	10	14.47	3.30	16.52	3.31	17.48	3.31	17.90	3.32	18.38	3.32	19.92	3.33	21.12	3.34
	12	14.33	3.40	16.35	3.42	17.30	3.42	17.72	3.43	18.18	3.43	19.70	3.45	20.88	3.47
	14	14.19	3.51	16.17	3.53	17.10	3.54	17.52	3.55	17.98	3.56	19.47	3.58	20.63	3.61
	16	14.05	3.62	15.99	3.66	16.91	3.67	17.31	3.68	17.76	3.69	19.23	3.72	20.38	3.75
	18	13.89	3.75	15.79	3.79	16.70	3.81	17.10	3.82	17.54	3.83	18.99	3.87	20.11	3.90
	20	13.72	3.88	15.59	3.93	16.48	3.95	16.88	3.97	17.31	3.98	18.73	4.02	19.84	4.06
	21	13.64	3.95	15.49	4.00	16.37	4.03	16.76	4.04	17.19	4.06	18.60	4.10	19.70	4.14
	23	13.46	4.09	15.27	4.16	16.14	4.19	16.53	4.20	16.95	4.22	18.34	4.27	19.42	4.32
	25	13.28	4.25	15.05	4.32	15.90	4.35	16.29	4.37	16.70	4.39	18.06	4.45	19.12	4.50
	27	13.09	4.41	14.82	4.49	15.66	4.53	16.04	4.55	16.44	4.57	17.78	4.63	18.82	4.68
	29	12.88	4.58	14.57	4.67	15.40	4.71	15.78	4.73	16.17	4.75	17.48	4.82	18.51	4.88
	31	12.67	4.76	14.32	4.86	15.14	4.90	15.51	4.92	15.89	4.95	17.18	5.02	18.19	5.08
	33	12.45	4.95	14.08	5.05	14.86	5.10	15.23	5.12	15.60	5.15	16.87	5.23	17.86	5.30
	35	12.23	5.15	13.79	5.26	14.58	5.31	14.94	5.33	15.31	5.36	16.55	5.45	17.52	5.52
	37	11.99	5.36	13.52	5.47	14.29	5.53	14.64	5.55	15.00	5.58	16.22	5.67	17.17	5.74
	39	11.74	5.57	13.23	5.69	13.99	5.75	14.34	5.78	14.69	5.81	15.88	5.90	16.82	5.98
41	11.49	5.79	12.93	5.92	13.68	5.98	14.02	6.01	14.36	6.04	15.53	6.04	16.45	6.04	
43	11.22	5.69	12.62	5.69	13.36	5.69	13.69	5.69	14.03	5.69	15.17	5.69	16.07	5.69	
46	10.80	5.16	12.14	5.16	12.86	5.16	13.19	5.16	13.50	5.16	14.61	5.16	15.48	5.16	
110%	10	13.86	3.29	15.92	3.29	16.91	3.30	17.34	3.30	17.81	3.30	19.35	3.31	20.66	3.32
	12	13.74	3.38	15.76	3.40	16.75	3.40	17.17	3.41	17.63	3.41	19.14	3.43	20.43	3.45
	14	13.61	3.49	15.60	3.51	16.57	3.52	16.98	3.53	17.43	3.53	18.92	3.56	20.20	3.58
	16	13.48	3.60	15.43	3.63	16.38	3.65	16.79	3.66	17.23	3.66	18.70	3.70	19.95	3.72
	18	13.34	3.72	15.25	3.76	16.18	3.78	16.59	3.79	17.02	3.80	18.47	3.84	19.70	3.87
	20	13.19	3.85	15.06	3.90	15.98	3.92	16.38	3.94	16.81	3.95	18.23	3.99	19.44	4.03
	21	13.11	3.92	14.96	3.97	15.88	4.00	16.28	4.01	16.70	4.03	18.10	4.07	19.31	4.11
	23	12.95	4.06	14.76	4.12	15.66	4.15	16.05	4.17	16.47	4.18	17.85	4.24	19.03	4.28
	25	12.78	4.21	14.55	4.28	15.44	4.32	15.82	4.34	16.23	4.35	17.59	4.41	18.75	4.46
	27	12.60	4.37	14.33	4.45	15.20	4.49	15.59	4.51	15.98	4.53	17.32	4.59	18.46	4.65
	29	12.41	4.54	14.10	4.63	14.96	4.67	15.34	4.69	15.72	4.71	17.04	4.78	18.16	4.84
	31	12.21	4.72	13.87	4.81	14.71	4.86	15.08	4.88	15.46	4.91	16.75	4.98	17.85	5.05
	33	12.01	4.91	13.64	5.01	14.45	5.06	14.82	5.08	15.19	5.11	16.45	5.19	17.53	5.26
	35	11.79	5.10	13.37	5.21	14.18	5.27	14.54	5.29	14.91	5.32	16.15	5.40	17.20	5.48
	37	11.57	5.31	13.10	5.42	13.90	5.48	14.26	5.51	14.61	5.53	15.83	5.63	16.87	5.70
	39	11.34	5.52	12.83	5.64	13.62	5.70	13.97	5.73	14.31	5.76	15.50	5.86	16.52	5.94
41	11.09	5.74	12.55	5.87	13.32	5.94	13.66	5.97	14.00	5.99	15.17	6.04	16.16	6.04	
43	10.84	5.69	12.26	5.69	13.01	5.69	13.35	5.69	13.68	5.69	14.82	5.69	15.79	5.69	
46	10.45	5.16	11.80	5.16	12.53	5.16	12.86	5.16	13.18	5.16	14.28	5.16	15.22	5.16	

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

5 Capacity tables

5 - 3 Cooling capacity tables

5

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CWB													
		14		16		18		19		19.5		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	10	12.11	2.77	14.87	3.26	16.01	3.27	16.59	3.27	16.88	3.28	18.39	3.28	20.27	3.30
	12	12.11	2.89	14.76	3.37	15.85	3.38	16.43	3.38	16.72	3.38	18.21	3.40	20.05	3.42
	14	12.11	3.03	14.62	3.48	15.70	3.49	16.26	3.50	16.54	3.50	18.01	3.52	19.82	3.55
	16	12.11	3.18	14.47	3.59	15.53	3.61	16.08	3.62	16.36	3.63	17.81	3.66	19.59	3.69
	18	12.11	3.36	14.31	3.72	15.35	3.74	15.90	3.75	16.18	3.76	17.60	3.80	19.34	3.84
	20	12.11	3.56	14.14	3.85	15.17	3.88	15.71	3.90	15.98	3.90	17.38	3.95	19.09	4.00
	21	12.11	3.67	14.06	3.92	15.08	3.95	15.61	3.97	15.88	3.98	17.27	4.02	18.96	4.08
	23	12.11	3.92	13.88	4.07	14.88	4.11	15.41	4.12	15.67	4.13	17.04	4.19	18.70	4.25
	25	12.06	4.16	13.69	4.23	14.68	4.27	15.19	4.29	15.45	4.30	16.80	4.36	18.42	4.43
	27	11.90	4.32	13.50	4.39	14.47	4.44	14.97	4.46	15.23	4.47	16.55	4.53	18.14	4.61
	29	11.73	4.49	13.29	4.56	14.25	4.61	14.74	4.64	14.99	4.65	16.29	4.72	17.85	4.81
	31	11.55	4.66	13.08	4.75	14.02	4.80	14.50	4.83	14.75	4.84	16.02	4.92	17.55	5.01
	33	11.37	4.84	12.86	4.94	13.78	5.00	14.26	5.03	14.50	5.04	15.75	5.12	17.24	5.22
	35	11.17	5.04	12.63	5.14	13.53	5.20	14.00	5.23	14.24	5.25	15.46	5.33	16.92	5.43
	37	10.97	5.24	12.39	5.35	13.27	5.41	13.73	5.45	13.97	5.46	15.17	5.55	16.60	5.66
	39	10.76	5.45	12.14	5.56	13.01	5.63	13.46	5.67	13.69	5.69	14.87	5.78	16.26	5.89
41	10.53	5.67	11.89	5.79	12.73	5.86	13.18	5.90	13.40	5.92	14.55	6.02	15.91	6.04	
43	10.30	5.69	11.62	5.69	12.45	5.69	12.88	5.69	13.10	5.69	14.23	5.69	15.55	5.69	
46	9.94	5.16	11.20	5.16	12.00	5.16	12.42	5.16	12.63	5.16	13.73	5.16	15.00	5.16	
90%	10	11.74	2.46	13.57	2.59	14.46	2.59	15.00	2.59	15.20	2.59	16.49	2.58	17.88	2.59
	12	11.74	2.58	13.44	2.69	14.32	2.69	14.85	2.69	15.04	2.69	16.32	2.69	17.69	2.70
	14	11.74	2.73	13.30	2.78	14.17	2.79	14.69	2.79	14.88	2.79	16.14	2.80	17.49	2.81
	16	11.72	2.88	13.16	2.89	14.01	2.90	14.53	2.90	14.72	2.91	15.95	2.92	17.28	2.93
	18	11.60	2.99	13.01	3.00	13.85	3.02	14.36	3.02	14.55	3.03	15.76	3.04	17.07	3.06
	20	11.47	3.10	12.85	3.13	13.68	3.14	14.18	3.15	14.37	3.15	15.56	3.17	16.84	3.20
	21	11.40	3.16	12.77	3.19	13.59	3.20	14.09	3.21	14.27	3.22	15.46	3.24	16.73	3.27
	23	11.26	3.29	12.61	3.32	13.42	3.34	13.91	3.35	14.09	3.35	15.25	3.38	16.50	3.42
	25	11.12	3.42	12.44	3.46	13.23	3.48	13.71	3.49	13.89	3.50	15.04	3.53	16.26	3.57
	27	10.97	3.56	12.26	3.60	13.04	3.63	13.51	3.64	13.69	3.65	14.82	3.69	16.02	3.73
	29	10.81	3.71	12.07	3.75	12.84	3.78	13.30	3.80	13.48	3.81	14.59	3.85	15.77	3.90
	31	10.64	3.86	11.88	3.91	12.63	3.95	13.09	3.96	13.26	3.97	14.35	4.02	15.51	4.07
	33	10.47	4.02	11.68	4.08	12.42	4.12	12.87	4.13	13.04	4.14	14.11	4.19	15.24	4.25
	35	10.29	4.19	11.47	4.25	12.20	4.29	12.64	4.31	12.80	4.32	13.86	4.38	14.97	4.44
	37	10.10	4.37	11.25	4.43	11.97	4.48	12.40	4.50	12.57	4.51	13.60	4.57	14.69	4.63
	39	9.91	4.55	11.03	4.62	11.74	4.67	12.16	4.69	12.32	4.70	13.34	4.76	14.40	4.83
41	9.70	4.74	10.80	4.82	11.49	4.86	11.91	4.89	12.07	4.90	13.06	4.96	14.10	5.04	
43	9.49	4.94	10.56	5.02	11.24	5.07	11.65	5.09	11.80	5.11	12.78	5.17	13.80	5.25	
46	9.16	5.16	10.19	5.16	10.85	5.16	11.24	5.16	11.40	5.16	12.34	5.16	13.32	5.16	
80%	10	10.89	2.07	12.15	2.06	12.87	2.05	13.35	2.04	13.51	2.04	14.62	2.03	15.66	2.02
	12	10.79	2.15	12.03	2.14	12.74	2.14	13.22	2.13	13.37	2.13	14.47	2.12	15.49	2.12
	14	10.69	2.23	11.91	2.23	12.61	2.23	13.08	2.22	13.22	2.22	14.31	2.22	15.31	2.22
	16	10.58	2.33	11.78	2.33	12.47	2.32	12.93	2.32	13.08	2.32	14.14	2.32	15.13	2.33
	18	10.46	2.42	11.64	2.43	12.32	2.43	12.78	2.43	12.92	2.43	13.97	2.43	14.95	2.44
	20	10.34	2.52	11.50	2.53	12.17	2.54	12.62	2.54	12.76	2.54	13.80	2.55	14.76	2.56
	21	10.28	2.58	11.42	2.59	12.10	2.59	12.54	2.60	12.68	2.60	13.71	2.61	14.66	2.62
	23	10.15	2.69	11.28	2.70	11.94	2.71	12.37	2.72	12.51	2.72	13.53	2.73	14.47	2.74
	25	10.02	2.81	11.12	2.83	11.77	2.84	12.20	2.84	12.34	2.84	13.34	2.86	14.26	2.88
	27	9.88	2.93	10.96	2.95	11.60	2.97	12.02	2.97	12.16	2.98	13.14	2.99	14.05	3.01
	29	9.74	3.06	10.79	3.09	11.43	3.10	11.84	3.11	11.98	3.11	12.94	3.13	13.84	3.16
	31	9.58	3.20	10.62	3.23	11.25	3.24	11.65	3.25	11.79	3.26	12.74	3.28	13.62	3.31
	33	9.43	3.34	10.44	3.37	11.06	3.39	11.46	3.40	11.59	3.41	12.53	3.43	13.39	3.46
	35	9.27	3.49	10.26	3.52	10.87	3.54	11.26	3.56	11.39	3.56	12.31	3.59	13.16	3.62
	37	9.10	3.64	10.07	3.68	10.67	3.70	11.05	3.72	11.18	3.72	12.09	3.76	12.92	3.79
	39	8.93	3.80	9.87	3.84	10.46	3.87	10.84	3.88	10.97	3.89	11.86	3.93	12.67	3.96
41	8.75	3.97	9.67	4.01	10.25	4.04	10.62	4.06	10.75	4.06	11.62	4.10	12.42	4.14	
43	8.56	4.14	9.46	4.19	10.03	4.22	10.40	4.23	10.52	4.24	11.38	4.28	12.16	4.32	
46	8.27	4.41	9.14	4.46	9.69	4.49	10.05	4.51	10.17	4.52	11.00	4.56	11.76	4.61	

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

5 Capacity tables

5 - 3 Cooling capacity tables

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CWB													
		14		16		18		19		19.5		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	10	8.66	1.44	10.63	1.66	11.25	1.65	11.65	1.64	11.81	1.64	12.79	1.62	13.59	1.61
	12	8.66	1.52	10.53	1.73	11.14	1.73	11.54	1.72	11.69	1.72	12.66	1.70	13.45	1.69
	14	8.66	1.60	10.43	1.81	11.02	1.80	11.41	1.80	11.56	1.80	12.52	1.79	13.31	1.77
	16	8.66	1.70	10.31	1.90	10.90	1.89	11.29	1.89	11.44	1.88	12.38	1.87	13.15	1.87
	18	8.66	1.80	10.19	1.98	10.77	1.98	11.16	1.98	11.30	1.98	12.23	1.97	13.00	1.96
	20	8.66	1.92	10.07	2.08	10.64	2.07	11.02	2.07	11.17	2.07	12.09	2.07	12.84	2.06
	21	8.66	1.99	10.01	2.13	10.58	2.12	10.95	2.12	11.10	2.12	12.01	2.12	12.76	2.12
	23	8.66	2.12	9.88	2.23	10.44	2.23	10.81	2.23	10.95	2.23	11.85	2.23	12.59	2.23
	25	8.66	2.28	9.75	2.33	10.30	2.34	10.66	2.34	10.80	2.34	11.69	2.34	12.42	2.34
	27	8.64	2.44	9.61	2.45	10.16	2.45	10.51	2.45	10.65	2.45	11.52	2.46	12.24	2.46
	29	8.51	2.55	9.46	2.56	10.01	2.57	10.36	2.57	10.49	2.57	11.35	2.58	12.06	2.59
	31	8.38	2.67	9.32	2.69	9.85	2.69	10.20	2.70	10.33	2.70	11.18	2.71	11.87	2.72
	33	8.25	2.80	9.16	2.81	9.69	2.82	10.03	2.83	10.16	2.83	11.00	2.84	11.68	2.85
	35	8.11	2.93	9.01	2.95	9.53	2.96	9.86	2.96	9.99	2.97	10.81	2.98	11.48	2.99
	37	7.97	3.06	8.84	3.09	9.36	3.10	9.68	3.10	9.81	3.11	10.62	3.12	11.28	3.14
	39	7.82	3.21	8.68	3.23	9.18	3.24	9.50	3.25	9.63	3.25	10.42	3.27	11.08	3.29
41	7.67	3.35	8.50	3.38	9.00	3.39	9.32	3.40	9.44	3.40	10.22	3.43	10.86	3.44	
43	7.51	3.50	8.33	3.53	8.82	3.55	9.12	3.56	9.25	3.56	10.02	3.59	10.65	3.60	
46	7.26	3.74	8.05	3.77	8.53	3.79	8.83	3.80	8.95	3.81	9.69	3.83	10.31	3.86	
60%	10	7.36	1.27	9.03	1.41	9.59	1.39	9.89	1.39	10.10	1.38	11.00	1.36	11.70	1.34
	12	7.36	1.34	8.95	1.47	9.50	1.45	9.80	1.45	10.00	1.44	10.89	1.42	11.58	1.41
	14	7.36	1.41	8.86	1.53	9.40	1.52	9.70	1.52	9.90	1.51	10.78	1.49	11.46	1.48
	16	7.36	1.50	8.77	1.60	9.30	1.59	9.60	1.59	9.80	1.58	10.66	1.57	11.34	1.56
	18	7.36	1.59	8.68	1.68	9.20	1.67	9.50	1.67	9.69	1.66	10.54	1.65	11.21	1.64
	20	7.36	1.69	8.58	1.76	9.10	1.75	9.39	1.75	9.58	1.75	10.42	1.74	11.08	1.73
	21	7.36	1.74	8.53	1.80	9.04	1.79	9.33	1.79	9.52	1.79	10.36	1.78	11.01	1.77
	23	7.36	1.86	8.42	1.89	8.93	1.88	9.22	1.88	9.40	1.88	10.23	1.87	10.87	1.87
	25	7.34	1.99	8.31	1.98	8.82	1.98	9.10	1.98	9.28	1.98	10.09	1.97	10.73	1.97
	27	7.24	2.08	8.20	2.08	8.70	2.08	8.97	2.08	9.16	2.08	9.96	2.08	10.58	2.07
	29	7.14	2.18	8.08	2.18	8.58	2.18	8.85	2.18	9.03	2.18	9.82	2.18	10.43	2.18
	31	7.04	2.29	7.96	2.29	8.45	2.29	8.72	2.29	8.89	2.30	9.67	2.30	10.28	2.30
	33	6.93	2.40	7.84	2.41	8.32	2.41	8.58	2.41	8.75	2.41	9.52	2.42	10.12	2.42
	35	6.82	2.52	7.71	2.52	8.18	2.53	8.44	2.53	8.61	2.53	9.36	2.54	9.95	2.54
	37	6.71	2.64	7.57	2.65	8.04	2.65	8.29	2.66	8.46	2.66	9.20	2.67	9.79	2.67
	39	6.59	2.76	7.44	2.78	7.89	2.79	8.15	2.79	8.31	2.79	9.04	2.80	9.61	2.81
41	6.46	2.90	7.29	2.91	7.74	2.92	7.99	2.93	8.15	2.93	8.87	2.94	9.43	2.95	
43	6.34	3.03	7.15	3.05	7.59	3.06	7.83	3.07	7.99	3.07	8.70	3.09	9.25	3.10	
46	6.13	3.25	6.92	3.27	7.35	3.28	7.59	3.29	7.74	3.29	8.43	3.31	8.97	3.32	
50%	10	6.05	1.30	7.33	1.29	7.89	1.28	8.08	1.27	8.38	1.26	9.25	1.24	9.96	1.22
	12	6.05	1.36	7.28	1.34	7.82	1.32	8.01	1.32	8.31	1.31	9.17	1.29	9.87	1.28
	14	6.05	1.42	7.22	1.39	7.76	1.38	7.95	1.37	8.24	1.37	9.08	1.35	9.78	1.33
	16	6.00	1.47	7.15	1.45	7.68	1.43	7.87	1.43	8.16	1.43	9.00	1.41	9.68	1.40
	18	5.95	1.53	7.09	1.51	7.61	1.50	7.80	1.50	8.08	1.49	8.90	1.48	9.58	1.47
	20	5.90	1.59	7.01	1.57	7.53	1.57	7.72	1.57	8.00	1.56	8.81	1.55	9.48	1.54
	21	5.87	1.62	6.98	1.61	7.49	1.60	7.68	1.60	7.96	1.60	8.76	1.59	9.42	1.58
	23	5.81	1.70	6.90	1.69	7.41	1.68	7.59	1.68	7.87	1.68	8.66	1.67	9.31	1.67
	25	5.75	1.77	6.82	1.77	7.32	1.76	7.50	1.76	7.77	1.76	8.55	1.76	9.20	1.76
	27	5.69	1.86	6.74	1.85	7.23	1.85	7.41	1.85	7.67	1.85	8.44	1.85	9.08	1.85
	29	5.62	1.95	6.65	1.95	7.14	1.95	7.31	1.95	7.57	1.95	8.33	1.95	8.96	1.95
	31	5.55	2.04	6.56	2.04	7.04	2.05	7.21	2.05	7.47	2.05	8.21	2.05	8.83	2.05
	33	5.47	2.14	6.46	2.15	6.94	2.15	7.11	2.15	7.36	2.15	8.09	2.16	8.70	2.16
	35	5.40	2.25	6.36	2.26	6.83	2.26	7.00	2.26	7.24	2.27	7.97	2.27	8.57	2.28
	37	5.31	2.36	6.26	2.37	6.72	2.38	6.89	2.38	7.13	2.38	7.84	2.39	8.43	2.40
	39	5.23	2.48	6.15	2.49	6.60	2.50	6.77	2.50	7.00	2.51	7.70	2.52	8.28	2.53
41	5.14	2.60	6.04	2.62	6.48	2.63	6.65	2.63	6.88	2.63	7.56	2.65	8.13	2.66	
43	5.04	2.73	5.92	2.75	6.36	2.76	6.52	2.76	6.75	2.77	7.42	2.78	7.98	2.80	
46	4.89	2.93	5.74	2.96	6.17	2.97	6.33	2.97	6.54	2.98	7.20	3.00	7.74	3.02	

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

5 Capacity tables

5 - 3 Cooling capacity tables

5 RMXS160D7V3B - Cooling capacity

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CWB													
		14		16		18		19		19.5		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	10	15.64	3.47	17.36	3.48	18.66	3.49	19.31	3.49	19.64	3.50	21.27	3.52	22.66	3.53
	12	15.49	3.57	17.18	3.59	18.46	3.61	19.10	3.61	19.43	3.62	21.04	3.64	22.40	3.67
	14	15.34	3.69	17.00	3.71	18.26	3.73	18.89	3.74	19.21	3.75	20.79	3.78	22.14	3.81
	16	15.18	3.81	16.81	3.84	18.04	3.86	18.66	3.88	18.98	3.89	20.54	3.93	21.86	3.96
	18	15.01	3.94	16.61	3.98	17.82	4.01	18.43	4.02	18.74	4.03	20.28	4.08	21.58	4.12
	20	14.83	4.07	16.40	4.12	17.59	4.16	18.19	4.18	18.50	4.19	20.01	4.24	21.29	4.29
	21	14.73	4.15	16.29	4.20	17.47	4.24	18.07	4.26	18.37	4.27	19.87	4.33	21.14	4.38
	23	14.54	4.30	16.07	4.36	17.23	4.40	17.81	4.43	18.11	4.44	19.58	4.50	20.83	4.56
	25	14.34	4.46	15.83	4.52	16.98	4.58	17.55	4.60	17.84	4.62	19.29	4.68	20.52	4.74
	27	14.13	4.63	15.59	4.70	16.72	4.76	17.28	4.79	17.57	4.80	18.99	4.88	20.19	4.94
	29	13.91	4.81	15.34	4.89	16.44	4.95	17.00	4.98	17.28	4.99	18.68	5.08	19.86	5.15
	31	13.68	5.00	15.08	5.08	16.16	5.15	16.71	5.18	16.98	5.20	18.36	5.28	19.52	5.36
	33	13.45	5.19	14.81	5.28	15.87	5.35	16.41	5.39	16.68	5.41	18.03	5.50	19.17	5.58
	35	13.20	5.40	14.54	5.50	15.58	5.57	16.10	5.61	16.36	5.63	17.69	5.73	18.80	5.81
	37	12.94	5.62	14.25	5.72	15.27	5.80	15.78	5.84	16.04	5.86	17.34	5.96	18.43	6.05
	39	12.68	5.84	13.95	5.95	14.95	6.03	15.45	6.07	15.71	6.09	16.98	6.20	18.05	6.30
41	12.40	6.04	13.64	6.04	14.62	6.04	15.11	6.04	15.36	6.04	16.61	6.04	17.66	6.04	
43	12.11	5.69	13.32	5.69	14.28	5.69	14.76	5.69	15.01	5.69	16.23	5.69	17.26	5.69	
46	11.66	5.16	12.83	5.16	13.75	5.16	14.22	5.16	14.46	5.16	15.64	5.16	16.64	5.16	
120%	10	15.26	3.47	17.04	3.48	18.39	3.49	19.03	3.49	19.35	3.49	20.95	3.51	22.30	3.53
	12	15.13	3.57	16.87	3.59	18.20	3.60	18.83	3.61	19.14	3.61	20.72	3.64	22.05	3.66
	14	14.98	3.68	16.69	3.70	18.00	3.72	18.62	3.74	18.93	3.74	20.49	3.77	21.79	3.80
	16	14.83	3.80	16.51	3.83	17.80	3.86	18.40	3.87	18.71	3.88	20.24	3.92	21.52	3.95
	18	14.67	3.93	16.31	3.97	17.58	4.00	18.18	4.02	18.48	4.02	19.99	4.07	21.25	4.11
	20	14.50	4.06	16.11	4.11	17.36	4.15	17.95	4.17	18.24	4.18	19.72	4.23	20.97	4.27
	21	14.41	4.13	16.01	4.19	17.24	4.23	17.82	4.25	18.12	4.26	19.59	4.31	20.82	4.36
	23	14.22	4.28	15.79	4.34	17.00	4.39	17.58	4.41	17.87	4.43	19.31	4.49	20.52	4.54
	25	14.03	4.44	15.57	4.51	16.76	4.56	17.32	4.59	17.60	4.60	19.03	4.67	20.22	4.73
	27	13.83	4.61	15.34	4.69	16.50	4.74	17.06	4.77	17.33	4.79	18.73	4.86	19.90	4.92
	29	13.62	4.79	15.09	4.87	16.24	4.93	16.78	4.96	17.05	4.98	18.43	5.06	19.58	5.13
	31	13.40	4.98	14.84	5.06	15.96	5.13	16.50	5.17	16.77	5.18	18.11	5.27	19.25	5.34
	33	13.17	5.17	14.58	5.27	15.68	5.34	16.20	5.38	16.47	5.39	17.79	5.48	18.90	5.56
	35	12.93	5.38	14.31	5.48	15.39	5.56	15.90	5.59	16.16	5.61	17.46	5.71	18.55	5.79
	37	12.68	5.59	14.03	5.70	15.08	5.78	15.59	5.82	15.84	5.84	17.12	5.94	18.19	6.03
	39	12.43	5.82	13.74	5.93	14.77	6.01	15.27	6.06	15.51	6.08	16.77	6.18	17.81	6.27
41	12.16	6.04	13.44	6.04	14.45	6.04	14.93	6.04	15.18	6.04	16.40	6.04	17.43	6.04	
43	11.88	5.69	13.13	5.69	14.12	5.69	14.59	5.69	14.83	5.69	16.03	5.69	17.04	5.69	
46	11.45	5.16	12.64	5.16	13.60	5.16	14.06	5.16	14.29	5.16	15.45	5.16	16.43	5.16	
110%	10	14.59	3.28	16.73	3.47	18.13	3.48	18.75	3.48	19.06	3.49	20.64	3.50	21.94	3.52
	12	14.59	3.44	16.57	3.58	17.95	3.59	18.56	3.60	18.86	3.60	20.42	3.63	21.70	3.65
	14	14.59	3.63	16.40	3.69	17.75	3.72	18.36	3.73	18.66	3.73	20.19	3.76	21.45	3.79
	16	14.51	3.79	16.22	3.82	17.55	3.85	18.14	3.86	18.44	3.87	19.95	3.90	21.19	3.94
	18	14.35	3.91	16.03	3.95	17.34	3.99	17.93	4.00	18.22	4.01	19.70	4.05	20.93	4.09
	20	14.19	4.05	15.84	4.10	17.12	4.14	17.70	4.16	17.99	4.16	19.45	4.21	20.65	4.26
	21	14.10	4.12	15.74	4.17	17.01	4.21	17.58	4.23	17.87	4.24	19.31	4.30	20.51	4.34
	23	13.93	4.27	15.53	4.33	16.78	4.38	17.34	4.40	17.62	4.41	19.04	4.47	20.22	4.52
	25	13.74	4.43	15.31	4.49	16.54	4.55	17.09	4.57	17.37	4.59	18.77	4.65	19.92	4.71
	27	13.55	4.59	15.08	4.67	16.29	4.73	16.83	4.76	17.10	4.77	18.48	4.84	19.61	4.90
	29	13.35	4.77	14.85	4.85	16.03	4.92	16.56	4.95	16.83	4.96	18.18	5.04	19.30	5.10
	31	13.13	4.96	14.60	5.04	15.76	5.11	16.28	5.15	16.55	5.16	17.88	5.25	18.97	5.32
	33	12.91	5.15	14.35	5.25	15.49	5.32	16.00	5.36	16.26	5.37	17.56	5.46	18.64	5.54
	35	12.68	5.36	14.09	5.46	15.20	5.54	15.70	5.57	15.95	5.59	17.24	5.69	18.29	5.76
	37	12.44	5.57	13.81	5.68	14.90	5.76	15.40	5.80	15.64	5.82	16.90	5.92	17.94	6.00
	39	12.19	5.79	13.53	5.90	14.60	5.99	15.08	6.03	15.32	6.05	16.56	6.16	17.58	6.25
41	11.93	6.02	13.24	6.04	14.28	6.04	14.75	6.04	14.99	6.04	16.20	6.04	17.20	6.04	
43	11.66	5.69	12.93	5.69	13.95	5.69	14.42	5.69	14.65	5.69	15.84	5.69	16.82	5.69	
46	11.24	5.16	12.46	5.16	13.44	5.16	13.89	5.16	14.12	5.16	15.27	5.16	16.22	5.16	

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

5 Capacity tables

5 - 3 Cooling capacity tables

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CWB													
		14		16		18		19		19.5		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	10	14.43	3.35	16.43	3.46	17.87	3.47	18.47	3.47	18.78	3.47	20.33	3.49	21.59	3.50
	12	14.43	3.52	16.27	3.57	17.69	3.58	23.12	2.15	18.59	3.59	20.12	3.61	21.36	3.63
	14	14.35	3.66	16.11	3.68	17.51	3.70	18.09	3.71	18.39	3.72	19.89	3.75	21.09	3.77
	16	14.21	3.77	15.94	3.80	17.31	3.83	17.89	3.85	18.18	3.85	19.66	3.89	20.86	3.92
	18	14.06	3.90	15.76	3.94	17.11	3.97	17.67	3.99	17.96	4.00	19.42	4.04	20.60	4.07
	20	13.91	4.03	15.57	4.08	16.89	4.12	17.45	4.14	17.73	4.15	19.17	4.20	20.34	4.24
	21	13.82	4.10	15.47	4.15	16.78	4.20	17.34	4.22	17.62	4.23	19.04	4.28	20.20	4.32
	23	13.65	4.25	15.27	4.31	16.56	4.36	17.10	4.38	17.38	4.39	18.78	4.45	19.92	4.50
	25	13.48	4.41	15.06	4.47	16.32	4.53	16.86	4.55	17.13	4.57	18.51	4.63	19.63	4.68
	27	13.29	4.57	14.84	4.65	16.08	4.71	16.60	4.73	16.87	4.75	18.23	4.82	19.33	4.88
	29	13.09	4.75	14.61	4.83	15.83	4.90	16.34	4.92	16.61	4.94	17.94	5.01	19.02	5.08
	31	12.89	4.93	14.37	5.02	15.56	5.09	16.07	5.12	16.33	5.14	17.64	5.22	18.70	5.29
	33	12.67	5.13	14.12	5.22	15.29	5.30	15.79	5.33	16.04	5.35	17.33	5.43	18.37	5.51
	35	12.45	5.33	13.87	5.43	15.01	5.51	15.50	5.55	15.75	5.57	17.01	5.66	18.04	5.73
	37	12.22	5.54	13.60	5.65	14.72	5.73	15.20	5.77	15.44	5.79	16.68	5.89	17.69	5.97
	39	11.98	5.76	13.33	5.87	14.42	5.97	14.89	6.01	15.13	6.03	16.34	6.13	17.33	6.21
41	11.72	5.99	13.04	6.04	14.11	6.04	14.57	6.04	14.81	6.04	16.00	6.04	16.97	6.04	
43	11.46	5.69	12.74	5.69	13.79	5.69	14.24	5.69	14.47	5.69	15.64	5.69	16.59	5.69	
46	11.05	5.16	12.28	5.16	13.29	5.16	13.73	5.16	13.95	5.16	15.08	5.16	16.01	5.16	
90%	10	12.11	2.43	14.72	2.85	16.00	2.85	16.55	2.85	16.83	2.85	18.24	2.85	19.39	2.85
	12	12.11	2.57	14.58	2.95	15.84	2.95	19.40	1.76	16.66	2.96	18.05	2.96	19.18	2.97
	14	12.11	2.70	14.44	3.06	15.68	3.07	16.21	3.07	16.48	3.07	17.85	3.08	18.95	3.09
	16	12.11	2.85	14.28	3.17	15.51	3.18	16.03	3.19	16.30	3.19	17.65	3.21	18.74	3.23
	18	12.11	3.02	14.12	3.29	15.33	3.31	15.84	3.32	16.10	3.32	17.43	3.35	18.52	3.37
	20	12.11	3.21	13.96	3.42	15.14	3.44	15.65	3.45	15.91	3.46	17.21	3.49	18.28	3.51
	21	12.11	3.31	13.87	3.49	15.04	3.51	15.55	3.53	15.80	3.53	17.10	3.56	18.16	3.59
	23	12.11	3.54	13.69	3.63	14.84	3.66	15.34	3.67	15.59	3.68	16.87	3.71	17.91	3.74
	25	12.01	3.73	13.51	3.78	14.64	3.81	15.13	3.83	15.37	3.83	16.63	3.87	17.66	3.91
	27	11.85	3.88	13.32	3.93	14.42	3.97	14.91	3.99	15.15	4.00	16.39	4.04	17.40	4.08
	29	11.68	4.04	13.12	4.09	14.21	4.14	14.68	4.16	14.92	4.17	16.14	4.21	17.13	4.26
	31	11.50	4.20	12.91	4.26	13.98	4.31	14.44	4.33	14.68	4.34	15.87	4.40	16.85	4.44
	33	11.32	4.37	12.69	4.44	13.74	4.49	14.20	4.51	14.43	4.53	15.61	4.58	16.57	4.63
	35	11.13	4.55	12.47	4.62	13.50	4.68	13.95	4.70	14.17	4.72	15.33	4.78	16.27	4.83
	37	10.93	4.74	12.24	4.82	13.25	4.88	13.69	4.90	13.91	4.91	15.05	4.98	15.97	5.04
	39	10.72	4.93	12.00	5.02	12.99	5.08	13.42	5.11	13.64	5.12	14.75	5.19	15.66	5.25
41	10.50	5.14	11.76	5.22	12.72	5.29	13.14	5.32	13.36	5.33	14.45	5.41	15.35	5.47	
43	10.28	5.35	11.50	5.44	12.44	5.51	12.86	5.54	13.07	5.55	14.14	5.63	15.02	5.69	
46	9.93	5.16	11.10	5.16	12.01	5.16	12.42	5.16	12.62	5.16	13.66	5.16	14.52	5.16	
80%	10	11.47	2.31	13.02	2.32	14.16	2.31	14.65	2.30	14.90	2.30	16.18	2.29	17.21	2.29
	12	11.35	2.41	12.90	2.41	14.02	2.40	19.00	1.90	14.75	2.40	16.01	2.39	17.03	2.39
	14	11.24	2.50	12.77	2.50	13.87	2.50	14.35	2.50	14.60	2.50	15.83	2.50	16.82	2.50
	16	11.14	2.60	12.64	2.60	13.72	2.61	14.20	2.61	14.44	2.61	15.66	2.61	16.65	2.62
	18	11.02	2.70	12.50	2.71	13.57	2.72	14.03	2.72	14.27	2.72	15.47	2.73	16.45	2.74
	20	10.90	2.81	12.35	2.83	13.40	2.84	13.86	2.84	14.10	2.85	15.28	2.86	16.24	2.87
	21	10.84	2.87	12.28	2.89	13.32	2.90	13.78	2.91	14.01	2.91	15.18	2.92	16.14	2.93
	23	10.72	2.99	12.12	3.01	13.15	3.03	13.60	3.03	13.83	3.04	14.98	3.06	15.92	3.07
	25	10.58	3.12	11.96	3.14	12.97	3.16	13.41	3.17	13.64	3.17	14.78	3.20	15.70	3.21
	27	10.44	3.25	11.80	3.28	12.79	3.30	13.22	3.31	13.44	3.32	14.56	3.34	15.48	3.36
	29	10.30	3.39	11.62	3.42	12.60	3.45	13.02	3.46	13.24	3.47	14.34	3.49	15.24	3.52
	31	10.15	3.53	11.44	3.57	12.40	3.60	12.82	3.61	13.03	3.62	14.12	3.65	15.00	3.68
	33	9.99	3.68	11.26	3.73	12.20	3.76	12.61	3.77	12.82	3.78	13.89	3.82	14.76	3.85
	35	9.83	3.84	11.07	3.89	11.99	3.92	12.39	3.94	12.60	3.95	13.65	3.99	14.51	4.02
	37	9.66	4.00	10.87	4.06	11.77	4.10	12.17	4.11	12.37	4.12	13.41	4.16	14.25	4.20
	39	9.48	4.17	10.67	4.23	11.55	4.27	11.94	4.29	12.14	4.30	13.16	4.35	13.98	4.38
41	9.30	4.35	10.45	4.41	11.32	4.46	11.71	4.48	11.90	4.49	12.90	4.54	13.71	4.57	
43	9.11	4.54	10.24	4.60	11.08	4.65	11.46	4.67	11.65	4.68	12.63	4.73	13.43	4.77	
46	8.81	4.82	9.90	4.89	10.72	4.94	11.09	4.97	11.27	4.98	12.22	5.03	13.00	5.08	

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

5 Capacity tables

5 - 3 Cooling capacity tables

5

Combination %	Outdoor air temp. °CDB	Indoor air temp.: °CWB													
		14		16		18		19		19.5		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	10	9.92	1.89	11.33	1.86	12.34	1.85	12.78	1.84	13.00	1.84	14.14	1.82	15.05	1.81
	12	9.84	1.96	11.22	1.94	12.22	1.93	16.24	1.61	12.87	1.92	13.99	1.91	14.89	1.90
	14	9.76	2.03	11.11	2.02	12.09	2.01	12.52	2.01	12.74	2.01	13.84	2.00	14.72	1.99
	16	9.66	2.12	11.00	2.11	11.96	2.10	12.39	2.10	12.60	2.10	13.69	2.09	14.57	2.09
	18	9.57	2.21	10.88	2.20	11.83	2.20	12.24	2.20	12.46	2.20	13.53	2.20	14.40	2.19
	20	9.46	2.30	10.75	2.30	11.69	2.30	12.10	2.30	12.31	2.30	13.37	2.30	14.22	2.30
	21	9.41	2.35	10.69	2.35	11.62	2.36	12.03	2.36	12.23	2.36	13.28	2.36	14.13	2.36
	23	9.30	2.45	10.56	2.46	11.47	2.47	11.87	2.47	12.08	2.47	13.11	2.47	13.95	2.48
	25	9.19	2.56	10.42	2.57	11.32	2.58	11.71	2.59	11.91	2.59	12.93	2.60	13.76	2.60
	27	9.07	2.68	10.28	2.69	11.16	2.70	11.55	2.71	11.75	2.71	12.75	2.72	13.56	2.73
	29	8.95	2.80	10.13	2.82	11.00	2.83	11.38	2.84	11.58	2.84	12.57	2.85	13.37	2.86
	31	8.82	2.92	9.98	2.95	10.83	2.96	11.21	2.97	11.40	2.97	12.37	2.99	13.16	3.00
	33	8.69	3.06	9.82	3.08	10.66	3.10	11.03	3.11	11.22	3.11	12.17	3.13	12.95	3.15
	35	8.55	3.19	9.66	3.22	10.48	3.25	10.85	3.25	11.03	3.26	11.97	3.28	12.73	3.30
	37	8.41	3.34	9.49	3.37	10.30	3.39	10.66	3.40	10.84	3.41	11.76	3.43	12.51	3.45
	39	8.26	3.49	9.32	3.52	10.11	3.55	10.46	3.56	10.64	3.57	11.55	3.59	12.29	3.62
41	8.10	3.64	9.14	3.68	9.91	3.71	10.26	3.72	10.43	3.73	11.33	3.76	12.06	3.78	
43	7.94	3.80	8.95	3.85	9.71	3.88	10.05	3.89	10.22	3.89	11.10	3.93	11.82	3.95	
46	7.69	4.06	8.66	4.10	9.40	4.13	9.73	4.15	9.90	4.16	10.75	4.19	11.45	4.22	
60%	10	8.40	1.55	9.64	1.49	10.54	1.47	10.93	1.46	11.12	1.46	12.12	1.43	12.92	1.42
	12	8.38	1.57	9.55	1.55	10.44	1.53	14.15	1.43	11.02	1.52	12.00	1.50	12.78	1.49
	14	8.31	1.63	9.46	1.61	10.33	1.60	10.71	1.59	10.90	1.59	11.88	1.58	12.64	1.56
	16	8.23	1.70	9.37	1.69	10.23	1.67	10.60	1.67	10.79	1.67	11.75	1.65	12.51	1.64
	18	8.15	1.77	9.27	1.76	10.11	1.75	10.48	1.75	10.67	1.75	11.61	1.74	12.37	1.73
	20	8.07	1.85	9.16	1.84	9.99	1.84	10.36	1.84	10.54	1.83	11.47	1.83	12.22	1.82
	21	8.02	1.89	9.11	1.89	9.93	1.88	10.29	1.88	10.48	1.88	11.40	1.87	12.14	1.87
	23	7.93	1.98	9.00	1.98	9.81	1.97	10.17	1.97	10.34	1.97	11.26	1.97	11.99	1.97
	25	7.84	2.07	8.88	2.07	9.68	2.07	10.03	2.07	10.21	2.07	11.11	2.07	11.83	2.07
	27	7.74	2.17	8.76	2.17	9.55	2.18	9.89	2.18	10.07	2.18	10.95	2.18	11.66	2.18
	29	7.63	2.27	8.64	2.28	9.41	2.28	9.75	2.29	9.92	2.29	10.80	2.29	11.49	2.30
	31	7.52	2.38	8.51	2.39	9.27	2.40	9.61	2.40	9.77	2.40	10.63	2.41	11.32	2.42
	33	7.41	2.50	8.38	2.51	9.13	2.52	9.45	2.52	9.62	2.52	10.47	2.53	11.14	2.54
	35	7.29	2.62	8.24	2.63	8.97	2.64	9.30	2.65	9.46	2.65	10.29	2.66	10.96	2.67
	37	7.17	2.74	8.10	2.76	8.82	2.77	9.14	2.78	9.30	2.78	10.12	2.79	10.77	2.81
	39	7.05	2.87	7.95	2.89	8.66	2.91	8.97	2.91	9.13	2.92	9.94	2.93	10.58	2.95
41	6.92	3.01	7.80	3.03	8.50	3.05	8.80	3.05	8.96	3.06	9.75	3.08	10.38	3.09	
43	6.78	3.15	7.65	3.17	8.33	3.19	8.63	3.20	8.78	3.21	9.56	3.23	10.18	3.24	
46	6.57	3.37	7.40	3.40	8.06	3.42	8.35	3.43	8.50	3.44	9.26	3.46	9.87	3.48	
50%	10	6.89	1.32	7.96	1.19	8.76	1.17	9.10	1.16	9.27	1.15	10.14	1.13	10.80	1.12
	12	6.97	1.26	7.89	1.23	8.68	1.21	11.74	1.20	9.18	1.20	10.04	1.18	10.70	1.17
	14	6.91	1.30	7.82	1.28	8.60	1.26	8.93	1.25	9.09	1.25	9.93	1.23	10.58	1.22
	16	6.84	1.35	7.74	1.33	8.51	1.32	8.83	1.31	9.00	1.31	9.83	1.29	10.47	1.28
	18	6.78	1.41	7.66	1.39	8.42	1.38	8.74	1.37	8.90	1.37	9.72	1.36	10.35	1.35
	20	6.71	1.47	7.58	1.45	8.32	1.44	8.64	1.44	8.79	1.44	9.60	1.43	10.23	1.42
	21	6.67	1.50	7.54	1.49	8.27	1.48	8.58	1.47	8.74	1.47	9.54	1.47	10.17	1.46
	23	6.60	1.57	7.44	1.56	8.17	1.55	8.48	1.55	8.63	1.55	9.42	1.54	10.04	1.54
	25	6.52	1.64	7.35	1.64	8.06	1.63	8.37	1.63	8.52	1.63	9.30	1.63	9.91	1.63
	27	6.43	1.72	7.25	1.72	7.95	1.72	8.25	1.72	8.40	1.72	9.17	1.72	9.77	1.72
	29	6.35	1.81	7.15	1.81	7.84	1.81	8.13	1.81	8.28	1.81	9.04	1.81	9.63	1.81
	31	6.26	1.90	7.04	1.90	7.72	1.91	8.01	1.91	8.16	1.91	8.90	1.91	9.48	1.91
	33	6.16	2.00	6.93	2.00	7.60	2.01	7.88	2.01	8.03	2.01	8.76	2.02	9.33	2.02
	35	6.06	2.10	6.82	2.11	7.47	2.11	7.75	2.12	7.89	2.12	8.62	2.13	9.18	2.13
	37	5.96	2.21	6.70	2.22	7.34	2.23	7.62	2.23	7.76	2.23	8.47	2.24	9.02	2.25
	39	5.85	2.33	6.58	2.34	7.21	2.35	7.48	2.35	7.61	2.35	8.31	2.36	8.86	2.37
41	5.74	2.45	6.45	2.46	7.07	2.47	7.33	2.48	7.47	2.48	8.15	2.49	8.69	2.50	
43	5.63	2.57	6.32	2.59	6.92	2.60	7.19	2.61	7.32	2.61	7.99	2.62	8.52	2.64	
46	5.45	2.77	6.12	2.79	6.70	2.80	6.96	2.81	7.08	2.81	7.74	2.83	8.26	2.85	

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

5 Capacity tables

5 - 4 Heating capacity tables

RMXS112D7V3B - Heating capacity

Combination %	Outdoor air temp. °CWB	Indoor air temp.: °CDB											
		16		18		20		21		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-15	8.44	3.52	8.45	3.62	8.47	3.75	8.47	3.82	8.48	3.89	8.49	4.02
	-13	8.96	3.57	8.97	3.67	8.97	3.81	8.97	3.88	8.97	3.95	8.96	4.09
	-11	9.51	3.62	9.51	3.73	9.49	3.88	9.49	3.94	9.48	4.02	9.46	4.16
	-10	9.79	3.65	9.78	3.76	9.76	3.91	9.75	3.98	9.74	4.05	9.72	4.20
	-9	10.08	3.68	10.06	3.79	10.04	3.94	10.02	4.01	10.01	4.09	9.98	4.24
	-7	10.66	3.74	10.64	3.85	10.60	4.01	10.58	4.09	10.56	4.16	10.52	4.32
	-5	11.27	3.80	11.23	3.92	11.18	4.08	11.15	4.16	11.13	4.24	11.08	4.40
	-3	11.89	3.87	11.84	3.99	11.77	4.16	11.74	4.24	11.72	4.32	11.65	4.49
	-1	12.52	3.94	12.46	4.06	12.39	4.24	12.35	4.33	12.32	4.41	12.25	4.58
	0	12.84	3.97	12.78	4.10	12.70	4.29	12.66	4.37	12.63	4.46	12.55	4.63
	1	13.17	4.01	13.11	4.14	13.02	4.33	12.98	4.42	12.94	4.50	12.86	4.67
	2	13.50	4.05	13.43	4.18	13.34	4.37	13.30	4.46	13.25	4.55	13.17	4.72
	4	14.17	4.14	14.10	4.27	13.99	4.47	13.94	4.56	13.89	4.65	13.80	4.83
	6	14.85	4.22	14.78	4.36	14.66	4.57	14.61	4.66	14.55	4.75	14.45	4.94
	8	15.55	4.31	15.47	4.45	15.33	4.67	15.28	4.76	15.22	4.86	15.11	5.05
	10	16.26	4.41	16.17	4.55	16.03	4.78	15.97	4.88	15.91	4.98	15.79	5.17
	12	16.99	4.52	16.89	4.66	16.74	4.89	16.67	5.00	16.61	5.10	16.48	5.30
	14	17.72	4.63	17.62	4.77	17.46	5.02	17.39	5.12	17.32	5.22	17.19	5.43
15	18.09	4.68	17.99	4.83	17.82	5.08	17.75	5.18	17.68	5.29	17.55	5.50	
18	19.23	4.86	19.12	5.02	18.94	5.28	18.86	5.39	18.79	5.50	18.64	5.72	
120%	-15	8.43	3.58	8.44	3.70	8.45	3.84	8.46	3.90	8.46	3.98	8.47	4.10
	-13	8.95	3.64	8.95	3.77	8.94	3.91	8.94	3.98	8.94	4.05	8.93	4.18
	-11	9.48	3.71	9.47	3.84	9.46	3.98	9.45	4.05	9.44	4.13	9.42	4.26
	-10	9.76	3.74	9.74	3.87	9.72	4.02	9.71	4.09	9.70	4.17	9.68	4.30
	-9	10.04	3.77	10.02	3.91	9.99	4.06	9.97	4.13	9.96	4.21	9.93	4.34
	-7	10.61	3.84	10.57	3.98	10.54	4.14	10.52	4.22	10.50	4.30	10.46	4.43
	-5	11.20	3.92	11.15	4.07	11.10	4.22	11.08	4.30	11.05	4.39	11.01	4.53
	-3	11.80	4.00	11.75	4.15	11.69	4.31	11.65	4.40	11.62	4.48	11.57	4.63
	-1	12.42	4.08	12.36	4.24	12.29	4.41	12.25	4.50	12.21	4.58	12.15	4.73
	0	12.74	4.13	12.67	4.29	12.59	4.46	12.55	4.55	12.51	4.64	12.45	4.79
	1	13.06	4.17	12.98	4.34	12.90	4.51	12.86	4.60	12.82	4.69	12.75	4.84
	2	13.38	4.22	13.30	4.39	13.21	4.56	13.17	4.65	13.12	4.75	13.05	4.90
	4	14.03	4.32	13.94	4.49	13.85	4.67	13.80	4.77	13.75	4.86	13.67	5.01
	6	14.70	4.42	14.60	4.60	14.49	4.79	14.44	4.88	14.39	4.98	14.31	5.14
	8	15.38	4.53	15.27	4.72	15.16	4.91	15.10	5.01	15.04	5.11	14.95	5.27
	10	16.07	4.65	15.95	4.84	15.83	5.04	15.77	5.14	15.71	5.25	15.62	5.41
	12	16.78	4.77	16.65	4.97	16.52	5.17	16.45	5.28	16.39	5.39	16.29	5.55
	14	17.49	4.90	17.36	5.10	17.22	5.31	17.15	5.42	17.08	5.54	16.95	5.68
15	17.86	4.97	17.72	5.17	17.58	5.39	17.51	5.50	17.43	5.61	17.34	5.80	
18	18.96	5.18	18.81	5.40	18.50	5.67	18.42	5.79	18.34	5.91	18.24	6.02	
110%	-15	7.92	3.40	7.93	3.51	7.94	3.64	7.95	3.71	7.95	3.78	7.95	3.91
	-13	8.41	3.46	8.42	3.57	8.41	3.71	8.41	3.78	8.41	3.85	8.40	3.99
	-11	8.93	3.52	8.92	3.64	8.91	3.78	8.90	3.85	8.89	3.93	8.87	4.07
	-10	9.19	3.56	9.18	3.68	9.16	3.82	9.15	3.89	9.14	3.97	9.11	4.12
	-9	9.46	3.59	9.44	3.71	9.41	3.86	9.40	3.94	9.39	4.01	9.36	4.16
	-7	10.01	3.66	9.98	3.79	9.94	3.94	9.92	4.02	9.90	4.10	9.86	4.25
	-5	10.57	3.74	10.53	3.87	10.48	4.03	10.45	4.11	10.43	4.19	10.38	4.35
	-3	11.14	3.82	11.09	3.95	11.03	4.12	11.00	4.20	10.97	4.29	10.91	4.45
	-1	11.73	3.91	11.67	4.05	11.60	4.22	11.57	4.30	11.53	4.39	11.46	4.55
	0	12.03	3.95	11.97	4.09	11.89	4.27	11.85	4.36	11.82	4.44	11.75	4.61
	1	12.33	4.00	12.27	4.14	12.18	4.32	12.14	4.41	12.10	4.50	12.03	4.67
	2	12.64	4.05	12.57	4.19	12.48	4.38	12.44	4.46	12.40	4.55	12.32	4.73
	4	13.26	4.15	13.18	4.30	13.08	4.49	13.04	4.58	12.99	4.67	12.90	4.85
	6	13.89	4.25	13.80	4.41	13.70	4.60	13.65	4.70	13.60	4.79	13.50	4.97
	8	14.53	4.37	14.44	4.52	14.32	4.73	14.27	4.82	14.21	4.92	14.11	5.11
	10	15.19	4.49	15.09	4.64	14.96	4.86	14.91	4.96	14.85	5.06	14.74	5.25
	12	15.85	4.61	15.75	4.77	15.61	5.00	15.55	5.10	15.49	5.20	15.38	5.39
	14	16.53	4.74	16.42	4.91	16.28	5.14	16.21	5.24	16.15	5.35	16.03	5.53
15	16.88	4.81	16.76	4.98	16.61	5.21	16.55	5.32	16.48	5.43	16.35	5.67	
18	17.92	5.03	17.80	5.21	17.47	5.29	17.40	5.40	17.32	5.51	17.19	5.81	

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

5 Capacity tables

5 - 4 Heating capacity tables

5

Combination %	Outdoor air temp. °CWB	Indoor air temp.: °CDB											
		16		18		20		21		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-15	7.07	2.96	7.08	3.07	7.09	3.18	7.09	3.24	7.10	3.31	7.10	3.43
	-13	7.54	3.01	7.54	3.12	7.54	3.24	7.54	3.31	7.54	3.37	7.53	3.50
	-11	8.03	3.07	8.02	3.18	8.01	3.31	8.00	3.37	7.99	3.44	7.98	3.58
	-10	8.28	3.10	8.26	3.22	8.25	3.34	8.24	3.41	8.23	3.48	8.20	3.61
	-9	8.53	3.13	8.51	3.25	8.49	3.38	8.47	3.44	8.46	3.51	8.44	3.65
	-7	9.05	3.19	9.02	3.31	8.98	3.45	8.96	3.52	8.95	3.59	8.91	3.73
	-5	9.58	3.26	9.53	3.39	9.49	3.52	9.47	3.59	9.45	3.67	9.40	3.81
	-3	10.11	3.33	10.06	3.46	10.01	3.60	9.98	3.67	9.96	3.75	9.90	3.90
	-1	10.67	3.40	10.61	3.54	10.54	3.68	10.51	3.76	10.48	3.84	10.42	3.99
	0	10.95	3.44	10.88	3.58	10.82	3.73	10.78	3.80	10.75	3.88	10.68	4.04
	1	11.23	3.48	11.16	3.62	11.09	3.77	11.05	3.85	11.02	3.93	10.94	4.08
	2	11.51	3.52	11.44	3.66	11.37	3.81	11.33	3.89	11.29	3.97	11.21	4.13
	4	12.09	3.60	12.01	3.75	11.93	3.91	11.89	3.99	11.84	4.07	11.76	4.23
	6	12.68	3.69	12.59	3.84	12.50	4.01	12.45	4.09	12.41	4.18	12.32	4.34
	8	13.28	3.78	13.18	3.94	13.08	4.11	13.03	4.19	12.98	4.28	12.88	4.45
	10	13.89	3.88	13.78	4.04	13.68	4.22	13.62	4.30	13.57	4.40	13.46	4.57
	12	14.51	3.98	14.40	4.15	14.28	4.33	14.22	4.42	14.17	4.51	14.05	4.69
	14	15.13	4.09	15.02	4.27	14.90	4.45	14.83	4.54	14.77	4.64	14.68	4.82
15	15.45	4.15	15.33	4.33	15.21	4.51	15.14	4.60	14.96	4.60	14.88	4.98	
18	16.42	4.33	16.29	4.51	15.84	4.46	15.40	4.26	14.96	4.07	14.08	3.69	
90%	-15	6.24	2.57	6.25	2.67	6.26	2.77	6.26	2.83	6.26	2.89	6.27	3.01
	-13	6.68	2.61	6.68	2.72	6.68	2.83	6.68	2.88	6.68	2.94	6.67	3.07
	-11	7.14	2.66	7.13	2.77	7.12	2.88	7.11	2.94	7.11	3.00	7.09	3.13
	-10	7.37	2.69	7.36	2.80	7.34	2.91	7.33	2.97	7.32	3.03	7.30	3.16
	-9	7.61	2.71	7.59	2.83	7.57	2.94	7.56	3.00	7.54	3.07	7.52	3.19
	-7	8.09	2.77	8.06	2.89	8.03	3.00	8.01	3.07	8.00	3.13	7.96	3.26
	-5	8.58	2.82	8.54	2.95	8.50	3.07	8.48	3.13	8.46	3.20	8.42	3.33
	-3	9.08	2.88	9.03	3.01	8.98	3.14	8.96	3.20	8.94	3.27	8.88	3.41
	-1	9.59	2.95	9.53	3.08	9.48	3.21	9.45	3.28	9.42	3.35	9.36	3.49
	0	9.85	2.98	9.79	3.11	9.73	3.24	9.70	3.31	9.67	3.38	9.60	3.53
	1	10.11	3.01	10.04	3.15	9.98	3.28	9.95	3.35	9.92	3.42	9.85	3.57
	2	10.37	3.05	10.30	3.19	10.24	3.32	10.20	3.39	10.17	3.46	10.10	3.61
	4	10.91	3.12	10.83	3.26	10.76	3.40	10.72	3.47	10.68	3.55	10.60	3.70
	6	11.45	3.20	11.36	3.34	11.28	3.48	11.24	3.56	11.20	3.63	11.11	3.79
	8	12.00	3.28	11.91	3.43	11.82	3.57	11.78	3.65	11.73	3.73	11.64	3.89
	10	12.56	3.36	12.46	3.52	12.37	3.66	12.32	3.74	12.27	3.82	11.81	3.70
	12	13.13	3.45	13.02	3.61	12.92	3.76	12.87	3.84	12.55	3.73	11.81	3.42
	14	13.71	3.54	13.59	3.70	13.29	3.72	12.92	3.59	12.55	3.45	11.81	3.18
15	14.00	3.59	13.88	3.75	13.29	3.58	12.92	3.46	12.55	3.33	11.81	3.02	
18	14.77	3.66	14.03	3.46	13.29	3.23	12.92	3.12	12.55	3.01	11.81	2.78	
80%	-15	5.43	2.22	5.44	2.32	5.45	2.41	5.45	2.46	5.45	2.51	5.46	2.63
	-13	5.84	2.26	5.84	2.36	5.84	2.46	5.84	2.51	5.84	2.56	5.83	2.68
	-11	6.26	2.31	6.25	2.40	6.24	2.51	6.24	2.56	6.23	2.62	6.22	2.73
	-10	6.47	2.33	6.46	2.43	6.44	2.53	6.44	2.59	6.43	2.64	6.41	2.76
	-9	6.69	2.35	6.67	2.45	6.65	2.56	6.64	2.61	6.63	2.67	6.61	2.79
	-7	7.13	2.40	7.10	2.50	7.08	2.61	7.06	2.67	7.05	2.73	7.02	2.85
	-5	7.58	2.45	7.54	2.56	7.51	2.67	7.49	2.73	7.47	2.79	7.44	2.92
	-3	8.04	2.50	7.99	2.61	7.95	2.73	7.93	2.79	7.91	2.85	7.86	2.98
	-1	8.50	2.56	8.45	2.67	8.40	2.79	8.38	2.85	8.35	2.92	8.30	3.05
	0	8.74	2.58	8.69	2.70	8.63	2.82	8.61	2.89	8.58	2.95	8.52	3.09
	1	8.98	2.61	8.92	2.74	8.86	2.86	8.83	2.92	8.80	2.99	8.74	3.12
	2	9.22	2.64	9.16	2.77	9.10	2.89	9.06	2.96	9.03	3.02	8.97	3.16
	4	9.70	2.71	9.64	2.83	9.57	2.96	9.53	3.03	9.50	3.10	9.43	3.24
	6	10.20	2.77	10.12	2.91	10.05	3.03	10.01	3.10	9.97	3.17	9.89	3.32
	8	10.70	2.84	10.62	2.98	10.54	3.11	10.50	3.18	10.46	3.25	10.37	3.40
	10	11.21	2.92	11.12	3.06	11.03	3.19	10.99	3.27	10.94	3.34	10.85	3.49
	12	11.73	2.99	11.63	3.14	11.54	3.28	11.49	3.35	11.44	3.43	11.35	3.59
	14	12.25	3.08	12.15	3.22	12.05	3.37	12.00	3.44	11.95	3.52	11.48	3.42
15	12.51	3.12	12.41	3.27	12.31	3.41	12.26	3.49	12.19	3.56	11.48	3.29	
18	13.32	3.25	13.20	3.41	12.91	3.44	12.55	3.33	12.19	3.21	11.48	2.98	

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

5 Capacity tables

5 - 4 Heating capacity tables

Combination %	Outdoor air temp. °CWB	Indoor air temp.: °CDB											
		16		18		20		21		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-15	4.64	1.93	4.65	2.01	4.65	2.10	4.66	2.14	4.66	2.19	4.67	2.29
	-13	5.01	1.96	5.01	2.04	5.01	2.14	5.01	2.19	5.01	2.24	5.01	2.34
	-11	5.39	2.00	5.38	2.08	5.37	2.18	5.37	2.23	5.36	2.28	5.36	2.39
	-10	5.58	2.02	5.57	2.10	5.56	2.20	5.55	2.25	5.54	2.30	5.53	2.42
	-9	5.77	2.04	5.76	2.12	5.74	2.23	5.74	2.28	5.73	2.33	5.71	2.44
	-7	6.17	2.08	6.15	2.17	6.13	2.27	6.11	2.33	6.10	2.38	6.08	2.50
	-5	6.57	2.12	6.55	2.21	6.52	2.32	6.50	2.38	6.48	2.44	6.45	2.55
	-3	6.99	2.17	6.95	2.26	6.91	2.38	6.89	2.44	6.88	2.49	6.84	2.62
	-1	7.40	2.22	7.36	2.32	7.32	2.44	7.30	2.49	7.27	2.55	7.23	2.68
	0	7.62	2.25	7.57	2.35	7.52	2.47	7.50	2.52	7.48	2.58	7.43	2.71
	1	7.83	2.27	7.78	2.37	7.73	2.50	7.71	2.56	7.68	2.62	7.63	2.75
	2	8.05	2.30	8.00	2.40	7.94	2.53	7.91	2.59	7.89	2.65	7.83	2.78
	4	8.48	2.36	8.43	2.46	8.36	2.59	8.33	2.66	8.30	2.72	8.24	2.85
	6	8.93	2.42	8.87	2.53	8.80	2.66	8.76	2.73	8.73	2.79	8.66	2.93
	8	9.38	2.49	9.31	2.60	9.23	2.74	9.20	2.80	9.16	2.87	9.08	3.01
	10	9.83	2.56	9.76	2.67	9.68	2.81	9.64	2.88	9.60	2.95	9.52	3.09
	12	10.29	2.63	10.22	2.74	10.13	2.89	10.09	2.96	10.04	3.03	9.96	3.18
	14	10.76	2.71	10.68	2.82	10.59	2.98	10.54	3.05	10.50	3.12	10.40	3.28
15	11.00	2.75	10.92	2.87	10.82	3.02	10.77	3.09	10.73	3.17	10.60	3.32	
18	11.72	2.87	11.63	3.00	11.52	3.16	11.47	3.23	11.42	3.31	11.14	3.35	
60%	-15	3.87	1.68	3.87	1.74	3.88	1.83	3.89	1.87	3.89	1.92	3.90	2.01
	-13	4.19	1.71	4.19	1.77	4.20	1.87	4.20	1.91	4.20	1.96	4.20	2.05
	-11	4.52	1.74	4.52	1.80	4.51	1.90	4.51	1.95	4.51	2.00	4.50	2.10
	-10	4.69	1.75	4.69	1.82	4.68	1.92	4.67	1.97	4.67	2.02	4.66	2.12
	-9	4.86	1.77	4.85	1.84	4.84	1.94	4.84	1.99	4.83	2.04	4.82	2.15
	-7	5.21	1.81	5.20	1.88	5.18	1.99	5.17	2.04	5.16	2.09	5.14	2.20
	-5	5.57	1.85	5.55	1.92	5.52	2.04	5.51	2.09	5.49	2.14	5.47	2.25
	-3	5.93	1.89	5.91	1.96	5.87	2.09	5.85	2.14	5.84	2.19	5.81	2.31
	-1	6.30	1.94	6.27	2.01	6.22	2.14	6.21	2.20	6.19	2.25	6.15	2.37
	0	6.48	1.97	6.45	2.04	6.40	2.17	6.38	2.23	6.36	2.28	6.32	2.40
	1	6.67	1.99	6.64	2.07	6.59	2.20	6.57	2.26	6.54	2.31	6.50	2.44
	2	6.86	2.02	6.83	2.09	6.77	2.23	6.75	2.29	6.73	2.35	6.68	2.47
	4	7.24	2.08	7.21	2.15	7.14	2.30	7.12	2.36	7.09	2.42	7.04	2.55
	6	7.63	2.14	7.59	2.21	7.52	2.37	7.49	2.43	7.47	2.49	7.41	2.62
	8	8.03	2.21	7.99	2.28	7.91	2.44	7.88	2.50	7.84	2.57	7.76	2.69
	10	8.43	2.28	8.38	2.35	8.30	2.52	8.26	2.58	8.23	2.65	7.76	2.52
	12	8.83	2.35	8.79	2.43	8.69	2.60	8.49	2.56	8.25	2.50	7.76	2.38
	14	9.25	2.43	9.20	2.51	8.73	2.48	8.49	2.42	8.25	2.36	7.76	2.25
15	9.45	2.47	9.22	2.45	8.73	2.41	8.49	2.36	8.25	2.30	7.76	2.20	
18	9.70	2.42	9.22	2.27	8.73	2.24	8.49	2.19	8.25	2.13	7.76	2.03	
50%	-15	3.11	1.48	3.12	1.52	3.13	1.61	3.14	1.65	3.15	1.69	3.16	1.78
	-13	3.39	1.50	3.39	1.54	3.40	1.64	3.40	1.68	3.40	1.73	3.41	1.82
	-11	3.67	1.53	3.67	1.57	3.67	1.68	3.67	1.72	3.67	1.76	3.66	1.86
	-10	3.81	1.54	3.81	1.58	3.80	1.69	3.80	1.74	3.80	1.78	3.80	1.88
	-9	3.96	1.56	3.96	1.60	3.94	1.71	3.94	1.76	3.94	1.80	3.93	1.90
	-7	4.25	1.59	4.25	1.63	4.23	1.76	4.22	1.80	4.22	1.85	4.20	1.95
	-5	4.56	1.63	4.55	1.67	4.52	1.80	4.51	1.85	4.50	1.90	4.48	2.01
	-3	4.86	1.67	4.85	1.71	4.82	1.85	4.81	1.90	4.79	1.95	4.77	2.06
	-1	5.18	1.72	5.17	1.76	5.12	1.91	5.11	1.96	5.09	2.01	5.06	2.13
	0	5.34	1.75	5.33	1.78	5.27	1.94	5.26	1.99	5.24	2.05	5.21	2.16
	1	5.50	1.78	5.49	1.81	5.43	1.97	5.41	2.02	5.40	2.08	5.36	2.20
	2	5.66	1.80	5.65	1.84	5.59	2.00	5.57	2.06	5.55	2.11	5.51	2.23
	4	5.98	1.87	5.97	1.90	5.90	2.07	5.88	2.13	5.86	2.19	5.82	2.31
	6	6.32	1.93	6.31	1.96	6.23	2.15	6.21	2.20	6.18	2.26	6.14	2.39
	8	6.66	2.00	6.65	2.03	6.56	2.23	6.53	2.29	6.51	2.35	6.46	2.48
	10	7.00	2.08	6.99	2.10	6.89	2.31	6.87	2.37	6.84	2.44	6.78	2.58
	12	7.35	2.16	7.34	2.18	7.23	2.40	7.20	2.47	7.17	2.53	7.11	2.68
	14	7.70	2.25	7.70	2.27	7.58	2.50	7.55	2.57	7.52	2.63	7.43	2.76
15	7.88	2.30	7.88	2.31	7.75	2.55	7.72	2.62	7.69	2.69	7.43	2.67	
18	8.42	2.45	8.42	2.46	8.29	2.71	8.12	2.69	7.89	2.63	7.43	2.49	

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

5 Capacity tables

5 - 4 Heating capacity tables

5 RMXS140D7V3B - Heating capacity

Combination %	Outdoor air temp. °CWB	Indoor air temp.: °CDB											
		16		18		20		21		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-15	9.50	3.73	9.53	3.84	9.55	3.96	9.56	4.02	9.57	4.08	9.58	4.22
	-13	10.11	3.77	10.12	3.88	10.13	4.01	10.14	4.07	10.14	4.14	10.14	4.28
	-11	10.75	3.81	10.75	3.93	10.74	4.06	10.74	4.12	10.73	4.19	10.72	4.34
	-10	11.08	3.83	11.07	3.95	11.06	4.08	11.05	4.15	11.04	4.22	11.02	4.37
	-9	11.41	3.86	11.39	3.98	11.37	4.11	11.36	4.18	11.35	4.25	11.32	4.41
	-7	12.09	3.90	12.06	4.03	12.03	4.17	12.01	4.24	11.99	4.32	11.95	4.47
	-5	12.79	3.95	12.75	4.09	12.70	4.23	12.68	4.30	12.66	4.38	12.60	4.54
	-3	13.51	4.00	13.46	4.14	13.40	4.29	13.37	4.37	13.34	4.45	13.27	4.62
	-1	14.25	4.06	14.19	4.20	14.12	4.36	14.08	4.44	14.04	4.52	13.97	4.69
	0	14.63	4.09	14.56	4.24	14.48	4.39	14.44	4.47	14.40	4.56	14.32	4.73
	1	15.01	4.12	14.93	4.27	14.85	4.43	14.81	4.51	14.77	4.59	14.68	4.78
	2	15.40	4.15	15.31	4.30	15.23	4.46	15.18	4.55	15.14	4.63	15.04	4.82
	4	16.18	4.21	16.09	4.37	15.99	4.54	15.94	4.63	15.89	4.72	15.78	4.90
	6	16.98	4.28	16.87	4.45	16.77	4.62	16.71	4.71	16.66	4.80	16.54	4.99
	8	17.80	4.35	17.68	4.52	17.56	4.70	17.50	4.80	17.44	4.89	17.32	5.09
	10	18.62	4.43	18.50	4.61	18.37	4.79	18.31	4.89	18.24	4.99	18.11	5.19
	12	19.47	4.51	19.34	4.69	19.20	4.89	19.13	4.98	19.06	5.09	18.24	5.30
	14	20.33	4.60	20.18	4.79	20.04	4.98	19.96	5.09	19.89	5.19	19.74	5.41
15	20.76	4.64	20.62	4.84	20.47	5.03	20.39	5.14	20.31	5.24	20.15	5.46	
18	22.09	4.79	21.93	4.99	21.76	5.20	21.68	5.31	21.60	5.41	21.43	5.64	
120%	-15	9.51	3.80	9.53	3.91	9.56	4.03	9.56	4.10	9.57	4.17	9.58	4.31
	-13	10.11	3.84	10.12	3.96	10.13	4.09	10.13	4.16	10.13	4.23	10.13	4.38
	-11	10.74	3.89	10.74	4.02	10.73	4.15	10.72	4.22	10.71	4.30	10.70	4.45
	-10	11.06	3.92	11.05	4.05	11.04	4.18	11.03	4.25	11.02	4.33	10.99	4.49
	-9	11.39	3.95	11.37	4.08	11.35	4.21	11.34	4.29	11.32	4.36	11.29	4.52
	-7	12.06	4.00	12.03	4.14	11.99	4.28	11.97	4.36	11.95	4.44	11.91	4.60
	-5	12.75	4.06	12.70	4.20	12.65	4.35	12.63	4.43	12.60	4.51	12.55	4.68
	-3	13.46	4.12	13.40	4.27	13.34	4.43	13.31	4.51	13.27	4.59	13.20	4.77
	-1	14.18	4.19	14.11	4.34	14.04	4.50	14.00	4.59	13.96	4.68	13.88	4.86
	0	14.55	4.23	14.48	4.38	14.40	4.55	14.36	4.63	14.32	4.72	14.23	4.90
	1	14.93	4.26	14.84	4.42	14.76	4.59	14.72	4.67	14.67	4.76	14.58	4.96
	2	15.30	4.30	15.22	4.46	15.13	4.63	15.08	4.72	15.03	4.81	14.94	5.00
	4	16.07	4.38	15.97	4.54	15.87	4.72	15.82	4.81	15.77	4.91	15.66	5.10
	6	16.85	4.46	16.75	4.63	16.63	4.81	16.58	4.91	16.52	5.01	16.40	5.21
	8	17.65	4.55	17.53	4.73	17.41	4.91	17.35	5.01	17.29	5.11	17.16	5.32
	10	18.46	4.64	18.34	4.83	18.20	5.02	18.14	5.12	18.07	5.22	17.93	5.44
	12	19.29	4.74	19.15	4.93	19.01	5.13	18.94	5.23	18.87	5.34	18.14	5.56
	14	20.13	4.84	19.98	5.04	19.83	5.25	19.76	5.35	19.68	5.46	19.52	5.69
15	20.55	4.90	20.40	5.10	20.25	5.31	20.17	5.42	20.09	5.53	19.93	5.76	
18	21.85	5.07	21.68	5.28	21.52	5.50	21.43	5.61	21.35	5.73	21.16	5.90	
110%	-15	9.46	3.85	9.48	3.98	9.50	4.11	9.50	4.18	9.51	4.25	9.52	4.40
	-13	10.05	3.91	10.05	4.04	10.05	4.18	10.05	4.25	10.05	4.32	10.05	4.48
	-11	10.66	3.97	10.65	4.10	10.64	4.25	10.63	4.32	10.62	4.40	10.60	4.56
	-10	10.97	4.00	10.96	4.14	10.94	4.29	10.93	4.36	10.91	4.44	10.89	4.61
	-9	11.29	4.04	11.27	4.18	11.24	4.32	11.23	4.40	11.21	4.48	11.18	4.65
	-7	11.94	4.10	11.91	4.25	11.87	4.40	11.85	4.48	11.82	4.57	11.78	4.74
	-5	12.61	4.18	12.56	4.33	12.51	4.49	12.48	4.57	12.46	4.66	12.40	4.84
	-3	13.30	4.26	13.24	4.41	13.18	4.58	13.14	4.66	13.11	4.75	13.03	4.94
	-1	14.01	4.34	13.94	4.50	13.86	4.67	13.82	4.76	13.78	4.85	13.70	5.05
	0	14.37	4.38	14.29	4.55	14.21	4.72	14.17	4.81	14.13	4.91	14.04	5.10
	1	14.74	4.43	14.65	4.60	14.56	4.77	14.52	4.86	14.47	4.96	14.38	5.16
	2	15.10	4.47	15.01	4.64	14.92	4.82	14.87	4.92	14.82	5.01	14.72	5.22
	4	15.85	4.57	15.74	4.75	15.64	4.93	15.59	5.03	15.53	5.13	15.42	5.34
	6	16.60	4.67	16.49	4.85	16.38	5.05	16.32	5.15	16.26	5.25	16.14	5.46
	8	17.38	4.78	17.26	4.97	17.13	5.17	17.07	5.27	17.00	5.38	16.87	5.59
	10	18.16	4.89	18.03	5.09	17.90	5.29	17.83	5.40	17.76	5.51	17.62	5.73
	12	18.96	5.01	18.82	5.22	18.68	5.43	18.61	5.54	18.53	5.65	17.90	5.88
	14	19.77	5.14	19.62	5.35	19.47	5.57	19.40	5.68	19.32	5.80	19.16	6.04
15	20.19	5.20	20.03	5.42	19.88	5.64	19.80	5.75	19.72	5.87	19.55	6.12	
18	21.44	5.41	21.27	5.64	21.10	5.87	21.00	5.90	20.91	5.90	20.40	5.90	

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

5 Capacity tables

5 - 4 Heating capacity tables

Combination %	Outdoor air temp. °CWB	Indoor air temp.: °CDB											
		16		18		20		21		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-15	9.34	3.90	9.36	4.04	9.37	4.18	9.38	4.25	9.38	4.33	9.38	4.50
	-13	9.91	3.97	9.91	4.11	9.91	4.26	9.91	4.34	9.90	4.42	9.89	4.59
	-11	10.50	4.05	10.49	4.19	10.47	4.35	10.46	4.43	10.45	4.51	10.43	4.69
	-10	10.81	4.09	10.79	4.24	10.76	4.39	10.75	4.47	10.73	4.56	10.70	4.74
	-9	11.11	4.13	11.09	4.28	11.06	4.44	11.04	4.52	11.02	4.61	10.98	4.79
	-7	11.74	4.21	11.70	4.37	11.66	4.53	11.63	4.62	11.61	4.71	11.56	4.90
	-5	12.39	4.30	12.33	4.47	12.28	4.64	12.25	4.73	12.22	4.82	12.15	5.01
	-3	13.05	4.40	12.98	4.57	12.92	4.75	12.88	4.84	12.84	4.93	12.76	5.13
	-1	13.75	4.50	13.67	4.68	13.59	4.86	13.55	4.96	13.50	5.06	13.41	5.26
	0	14.09	4.55	14.01	4.73	13.92	4.92	13.88	5.02	13.83	5.12	13.74	5.32
	1	14.44	4.61	14.35	4.79	14.26	4.98	14.21	5.08	14.16	5.18	14.06	5.39
	2	14.79	4.67	14.70	4.85	14.60	5.04	14.55	5.14	14.50	5.25	14.39	5.46
	4	15.51	4.78	15.40	4.98	15.29	5.17	15.24	5.28	15.18	5.39	15.06	5.60
	6	16.23	4.91	16.12	5.11	16.00	5.31	15.94	5.42	15.88	5.53	15.75	5.76
	8	16.97	5.04	16.85	5.25	16.72	5.46	16.65	5.57	16.59	5.68	16.45	5.91
	10	17.73	5.18	17.59	5.39	17.45	5.61	17.38	5.72	17.31	5.84	16.78	5.65
	12	18.49	5.33	18.35	5.55	18.20	5.77	18.14	5.89	17.83	5.78	16.78	5.10
	14	19.27	5.48	19.12	5.71	18.88	5.86	18.36	5.54	17.83	5.23	16.78	4.65
15	19.66	5.56	19.51	5.79	18.88	5.58	18.36	5.27	17.83	4.99	16.78	4.45	
18	20.86	5.82	19.93	5.38	18.88	4.86	18.36	4.62	17.83	4.39	16.78	3.95	
90%	-15	8.20	3.36	8.22	3.48	8.23	3.61	8.23	3.68	8.24	3.75	8.24	3.90
	-13	8.75	3.43	8.75	3.55	8.74	3.69	8.74	3.76	8.74	3.83	8.73	3.98
	-11	9.31	3.49	9.29	3.63	9.28	3.77	9.27	3.84	9.26	3.91	9.24	4.07
	-10	9.59	3.53	9.57	3.66	9.55	3.81	9.54	3.88	9.53	3.96	9.50	4.12
	-9	9.88	3.57	9.85	3.70	10.16	3.90	9.81	3.92	9.80	4.00	9.76	4.16
	-7	10.47	3.64	10.43	3.78	10.73	3.99	10.37	4.01	10.35	4.09	10.30	4.26
	-5	11.07	3.73	11.02	3.87	10.97	4.03	10.94	4.10	10.92	4.19	10.86	4.36
	-3	11.69	3.81	11.63	3.96	11.56	4.12	11.53	4.20	11.50	4.29	11.43	4.46
	-1	12.32	3.90	12.25	4.06	12.18	4.22	12.14	4.30	12.10	4.39	12.02	4.57
	0	12.64	3.95	12.57	4.10	12.49	4.27	12.45	4.36	12.41	4.44	12.32	4.63
	1	12.96	3.99	12.88	4.16	12.80	4.32	12.76	4.41	12.71	4.50	12.62	4.69
	2	13.29	4.04	13.20	4.21	13.11	4.38	13.07	4.47	13.02	4.56	12.93	4.75
	4	13.95	4.15	13.85	4.31	13.75	4.49	13.70	4.58	13.65	4.67	13.55	4.87
	6	14.62	4.25	14.51	4.43	14.40	4.61	14.35	4.70	14.29	4.80	14.18	5.00
	8	15.29	4.37	15.18	4.54	15.06	4.73	15.00	4.83	14.94	4.92	14.82	5.13
	10	15.98	4.48	15.86	4.67	15.74	4.86	15.67	4.96	15.61	5.06	15.47	5.27
	12	16.68	4.61	16.55	4.80	16.42	5.00	16.36	5.10	16.28	5.20	16.14	5.42
	14	17.39	4.74	17.25	4.93	17.11	5.14	17.04	5.24	16.97	5.35	16.45	5.20
15	17.75	4.81	17.61	5.00	17.46	5.21	17.39	5.32	17.32	5.42	16.45	4.96	
18	18.84	5.02	18.69	5.23	18.50	5.42	17.99	5.14	17.48	4.87	16.45	4.37	
80%	-15	7.12	2.89	7.13	3.00	7.14	3.12	7.14	3.18	7.15	3.24	7.15	3.38
	-13	7.62	2.95	7.62	3.06	7.62	3.19	7.62	3.25	7.62	3.32	7.61	3.46
	-11	8.14	3.01	8.13	3.13	8.12	3.26	8.11	3.32	8.10	3.39	8.08	3.54
	-10	8.41	3.04	8.39	3.17	8.37	3.30	8.36	3.36	8.35	3.43	8.32	3.58
	-9	8.67	3.08	8.65	3.20	9.11	3.41	8.61	3.40	8.60	3.47	8.57	3.62
	-7	9.21	3.15	9.18	3.28	9.64	3.49	9.13	3.48	9.11	3.55	9.07	3.70
	-5	9.77	3.22	9.73	3.35	9.68	3.49	9.66	3.56	9.63	3.64	9.58	3.79
	-3	10.33	3.30	10.28	3.43	10.22	3.58	10.19	3.65	10.16	3.73	10.10	3.89
	-1	10.91	3.38	10.85	3.52	10.78	3.67	10.75	3.74	10.71	3.82	10.64	3.99
	0	11.20	3.42	11.13	3.56	11.06	3.71	11.03	3.79	10.99	3.87	10.91	4.04
	1	11.49	3.46	11.42	3.61	11.35	3.76	11.31	3.84	11.27	3.92	11.19	4.09
	2	11.79	3.51	11.71	3.65	11.63	3.81	11.59	3.89	11.55	3.97	11.47	4.14
	4	12.39	3.60	12.30	3.75	12.21	3.91	12.17	3.99	12.12	4.07	12.03	4.25
	6	13.00	3.69	12.90	3.85	12.80	4.01	12.75	4.10	12.71	4.18	12.60	4.36
	8	13.61	3.79	13.51	3.95	13.40	4.12	13.35	4.21	13.30	4.29	13.18	4.48
	10	14.24	3.90	14.13	4.06	14.01	4.24	13.95	4.32	13.90	4.41	13.78	4.60
	12	14.87	4.01	14.75	4.18	14.63	4.35	14.58	4.44	14.51	4.53	14.38	4.73
	14	15.51	4.12	15.38	4.30	15.26	4.48	15.19	4.57	15.13	4.66	14.99	4.86
15	15.83	4.18	15.70	4.36	15.57	4.54	15.51	4.63	15.44	4.73	15.30	4.93	
18	16.82	4.37	16.68	4.55	16.54	4.74	16.47	4.84	16.40	4.94	16.11	5.02	

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

5 Capacity tables

5 - 4 Heating capacity tables

5

Combination %	Outdoor air temp. °CWB	Indoor air temp.: °CDB											
		16		18		20		21		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-15	6.08	2.48	6.09	2.59	6.10	2.69	6.10	2.75	6.11	2.81	6.11	2.94
	-13	6.54	2.54	6.54	2.64	6.54	2.76	6.54	2.82	6.54	2.88	6.53	3.01
	-11	7.01	2.60	7.00	2.71	6.99	2.82	6.98	2.88	6.98	2.95	6.96	3.08
	-10	7.25	2.63	7.23	2.74	7.22	2.86	7.21	2.92	7.20	2.98	7.18	3.12
	-9	7.49	2.66	7.47	2.77	7.91	2.96	7.44	2.95	7.43	3.02	7.40	3.15
	-7	7.98	2.72	7.95	2.84	8.39	3.04	7.91	3.03	7.89	3.10	7.86	3.23
	-5	8.48	2.79	8.44	2.91	8.40	3.04	8.38	3.11	8.36	3.18	8.32	3.32
	-3	8.99	2.86	8.94	2.99	8.89	3.12	8.87	3.19	8.84	3.26	8.79	3.40
	-1	9.51	2.94	9.45	3.07	9.39	3.20	9.36	3.27	9.33	3.35	9.27	3.50
	0	9.77	2.98	9.71	3.11	9.64	3.25	9.61	3.32	9.58	3.39	9.52	3.54
	1	10.03	3.02	9.97	3.15	9.90	3.29	9.87	3.36	9.83	3.44	9.76	3.59
	2	10.29	3.06	10.23	3.20	10.16	3.34	10.12	3.41	10.08	3.49	10.01	3.64
	4	10.83	3.15	10.75	3.28	10.68	3.43	10.64	3.50	10.60	3.58	10.51	3.74
	6	11.37	3.24	11.29	3.38	11.20	3.53	11.16	3.60	11.12	3.68	11.03	3.85
	8	11.92	3.33	11.83	3.48	11.74	3.63	11.69	3.71	11.64	3.79	11.55	3.96
	10	12.48	3.43	12.38	3.58	12.28	3.73	12.23	3.81	12.18	3.90	11.81	3.85
	12	13.05	3.53	12.94	3.69	12.83	3.85	12.79	3.93	12.55	3.88	11.81	3.56
	14	13.62	3.64	13.51	3.80	13.29	3.89	12.92	3.74	12.55	3.60	11.81	3.31
15	13.91	3.69	13.79	3.85	13.29	3.75	12.92	3.61	12.55	3.47	11.81	3.20	
18	14.77	3.86	14.03	3.62	13.29	3.38	12.92	3.26	12.55	3.14	11.81	2.91	
60%	-15	5.08	2.15	5.10	2.24	5.11	2.34	5.11	2.40	5.12	2.45	5.13	2.57
	-13	5.49	2.20	5.50	2.30	5.50	2.40	5.50	2.46	5.50	2.52	5.50	2.63
	-11	5.91	2.25	5.90	2.36	5.90	2.46	5.89	2.52	5.89	2.58	5.88	2.70
	-10	6.12	2.28	6.11	2.39	6.10	2.49	6.09	2.55	6.09	2.62	6.07	2.74
	-9	6.34	2.31	6.32	2.42	6.55	2.57	6.30	2.59	6.29	2.65	6.27	2.77
	-7	6.77	2.37	6.75	2.48	6.98	2.64	6.71	2.66	6.69	2.73	6.67	2.85
	-5	7.21	2.44	7.18	2.55	7.14	2.67	7.13	2.73	7.11	2.80	7.07	2.93
	-3	7.66	2.51	7.62	2.63	7.58	2.75	7.55	2.81	7.53	2.88	7.49	3.02
	-1	8.11	2.58	8.06	2.70	8.01	2.83	7.99	2.89	7.96	2.97	7.91	3.10
	0	8.34	2.62	8.29	2.74	8.24	2.87	8.21	2.94	8.18	3.01	8.13	3.15
	1	8.57	2.66	8.52	2.79	8.46	2.91	8.43	2.98	8.40	3.06	8.34	3.20
	2	8.80	2.70	8.74	2.83	8.69	2.96	8.66	3.03	8.62	3.11	8.56	3.25
	4	9.28	2.79	9.21	2.92	9.14	3.05	9.11	3.12	9.07	3.20	9.00	3.35
	6	9.75	2.87	9.68	3.01	9.60	3.15	9.57	3.22	9.52	3.31	9.45	3.45
	8	10.23	2.97	10.15	3.11	10.07	3.25	10.03	3.32	9.99	3.41	9.91	3.56
	10	10.72	3.07	10.64	3.21	10.55	3.36	10.51	3.43	10.46	3.53	10.37	3.68
	12	11.22	3.17	11.12	3.32	11.03	3.47	10.99	3.55	10.93	3.64	10.84	3.80
	14	11.72	3.28	11.62	3.44	11.52	3.59	11.47	3.67	11.42	3.77	11.32	3.93
15	11.97	3.34	11.87	3.49	11.77	3.65	11.72	3.73	11.66	3.83	11.48	3.92	
18	12.74	3.52	12.63	3.68	12.52	3.84	12.47	3.93	12.19	3.86	11.48	3.54	
50%	-15	4.14	1.88	4.15	1.97	4.17	2.06	4.17	2.11	4.18	2.17	4.19	2.27
	-13	4.49	1.93	4.49	2.02	4.50	2.12	4.50	2.17	4.50	2.23	4.50	2.34
	-11	4.85	1.98	4.84	2.07	4.84	2.17	4.83	2.23	4.83	2.29	4.83	2.40
	-10	5.03	2.00	5.02	2.10	5.01	2.20	5.01	2.26	5.00	2.33	4.99	2.44
	-9	5.21	2.03	5.20	2.13	5.04	2.22	5.18	2.29	5.17	2.36	5.16	2.47
	-7	5.58	2.09	5.56	2.20	5.40	2.28	5.53	2.36	5.52	2.44	5.50	2.55
	-5	5.95	2.16	5.93	2.27	5.90	2.38	5.89	2.44	5.87	2.51	5.84	2.63
	-3	6.34	2.23	6.30	2.34	6.27	2.46	6.25	2.52	6.23	2.60	6.20	2.72
	-1	6.73	2.30	6.68	2.42	6.65	2.54	6.62	2.60	6.60	2.69	6.56	2.81
	0	6.92	2.34	6.88	2.47	6.83	2.58	6.81	2.65	6.78	2.74	6.74	2.86
	1	7.12	2.38	7.07	2.51	7.03	2.63	7.00	2.70	6.97	2.78	6.93	2.91
	2	7.32	2.43	7.27	2.55	7.22	2.68	7.19	2.74	7.16	2.83	7.11	2.96
	4	7.72	2.52	7.66	2.65	7.61	2.78	7.58	2.84	7.54	2.94	7.49	3.07
	6	8.13	2.61	8.06	2.75	8.00	2.88	7.97	2.95	7.93	3.05	7.87	3.18
	8	8.54	2.71	8.47	2.85	8.40	2.99	8.37	3.06	8.32	3.16	8.26	3.30
	10	8.96	2.82	8.88	2.97	8.81	3.11	8.78	3.18	8.73	3.29	8.66	3.43
	12	9.38	2.93	9.30	3.09	9.23	3.23	9.19	3.31	9.13	3.42	9.06	3.56
	14	9.81	3.05	9.72	3.21	9.64	3.36	9.60	3.44	9.55	3.55	9.48	3.70
15	10.03	3.12	9.94	3.28	9.86	3.43	9.81	3.51	9.76	3.63	9.68	3.78	
18	10.68	3.32	10.59	3.48	10.50	3.64	10.46	3.73	10.40	3.85	10.32	4.01	

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

5 Capacity tables

5 - 4 Heating capacity tables

RMXS160D7V3B - Heating capacity

Combination %	Outdoor air temp. °CWB	Indoor air temp.: °CDB											
		16		18		20		21		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-15	10.22	4.11	10.25	4.23	10.27	4.35	10.28	4.42	10.29	4.49	10.31	4.64
	-13	10.85	4.16	10.87	4.28	10.88	4.41	10.88	4.48	10.88	4.55	10.88	4.70
	-11	11.52	4.20	11.51	4.33	11.51	4.46	11.50	4.54	11.50	4.61	11.48	4.77
	-10	11.86	4.23	11.85	4.35	11.83	4.49	11.83	4.57	11.82	4.65	11.80	4.81
	-9	12.20	4.25	12.19	4.38	12.17	4.52	12.16	4.60	12.14	4.68	12.11	4.84
	-7	12.91	4.30	12.88	4.44	12.85	4.59	12.83	4.67	12.81	4.75	12.77	4.92
	-5	13.65	4.36	13.60	4.50	13.56	4.65	13.53	4.74	13.50	4.82	13.45	5.00
	-3	14.40	4.42	14.34	4.57	14.28	4.72	14.25	4.81	14.22	4.90	14.15	5.08
	-1	15.17	4.48	15.10	4.63	15.03	4.80	14.99	4.89	14.95	4.98	14.87	5.17
	0	15.57	4.51	15.49	4.67	15.41	4.84	15.37	4.93	15.33	5.02	15.24	5.21
	1	15.96	4.55	15.88	4.71	15.80	4.88	15.75	4.97	15.71	5.06	15.62	5.26
	2	16.37	4.58	16.28	4.75	16.19	4.92	16.14	5.01	16.10	5.11	16.00	5.30
	4	17.19	4.65	17.09	4.83	16.99	5.00	16.93	5.10	16.88	5.20	16.77	5.40
	6	18.02	4.73	17.91	4.91	17.80	5.09	17.74	5.19	17.68	5.29	17.56	5.50
	8	18.88	4.82	18.76	5.00	18.64	5.19	18.57	5.29	18.50	5.40	18.37	5.61
	10	19.74	4.90	19.61	5.09	19.48	5.29	19.41	5.40	19.34	5.50	19.20	5.73
	12	20.63	5.00	20.49	5.19	20.35	5.40	20.27	5.51	20.20	5.62	20.04	5.84
	14	21.53	5.10	21.38	5.30	21.23	5.51	21.15	5.62	21.07	5.74	20.82	5.97
15	21.98	5.15	21.83	5.35	21.68	5.56	21.59	5.68	21.51	5.80	21.34	6.04	
18	23.37	5.31	23.20	5.53	23.04	5.75	22.94	5.87	22.81	5.90	22.56	5.90	
120%	-15	10.20	4.10	10.23	4.22	10.25	4.35	10.27	4.42	10.27	4.49	10.29	4.64
	-13	10.84	4.15	10.85	4.27	10.86	4.41	10.86	4.48	10.86	4.55	10.86	4.70
	-11	11.50	4.20	11.50	4.33	11.49	4.46	11.48	4.54	11.48	4.61	11.46	4.77
	-10	11.84	4.22	11.83	4.35	11.81	4.49	11.81	4.57	11.80	4.65	11.77	4.81
	-9	12.18	4.25	12.17	4.38	12.15	4.53	12.13	4.60	12.12	4.68	12.09	4.85
	-7	12.89	4.30	12.86	4.44	12.83	4.59	12.81	4.67	12.79	4.75	12.74	4.92
	-5	13.62	4.36	13.58	4.50	13.53	4.66	13.50	4.74	13.48	4.83	13.42	5.00
	-3	14.37	4.42	14.32	4.57	14.26	4.73	14.22	4.82	14.19	4.90	14.12	5.09
	-1	15.14	4.48	15.07	4.64	15.00	4.81	14.96	4.90	14.92	4.99	14.84	5.18
	0	15.54	4.52	15.46	4.68	15.38	4.85	15.34	4.94	15.30	5.03	15.21	5.22
	1	15.93	4.55	15.85	4.72	15.77	4.89	15.72	4.98	15.68	5.07	15.58	5.27
	2	16.34	4.59	16.25	4.76	16.16	4.93	16.11	5.03	16.06	5.12	15.96	5.32
	4	17.15	4.66	17.05	4.84	16.95	5.02	16.90	5.12	16.84	5.21	16.73	5.42
	6	17.99	4.74	17.88	4.92	17.76	5.11	17.70	5.21	17.64	5.31	17.52	5.52
	8	18.84	4.83	18.72	5.02	18.59	5.21	18.53	5.31	18.46	5.42	18.33	5.64
	10	19.70	4.92	19.57	5.11	19.43	5.32	19.37	5.42	19.30	5.53	19.15	5.75
	12	20.59	5.02	20.44	5.22	20.30	5.43	20.22	5.53	20.15	5.64	20.00	5.87
	14	21.48	5.12	21.33	5.32	21.17	5.54	21.10	5.65	21.02	5.77	20.76	6.00
15	21.93	5.17	21.78	5.38	21.62	5.60	21.54	5.71	21.46	5.83	21.29	6.07	
18	23.32	5.34	23.15	5.56	22.97	5.79	22.88	5.90	22.74	5.90	22.51	5.90	
110%	-15	10.21	4.15	10.23	4.27	10.26	4.41	10.27	4.47	10.27	4.54	10.29	4.70
	-13	10.84	4.20	10.85	4.32	10.85	4.47	10.86	4.53	10.85	4.61	10.85	4.77
	-11	11.49	4.25	11.49	4.38	11.48	4.54	11.47	4.60	11.46	4.68	11.45	4.85
	-10	11.83	4.28	11.82	4.41	11.80	4.57	11.79	4.64	11.78	4.72	11.75	4.89
	-9	12.17	4.31	12.15	4.45	12.12	4.61	12.11	4.67	12.10	4.75	12.07	4.93
	-7	12.87	4.37	12.84	4.51	12.80	4.68	12.78	4.75	12.76	4.83	12.71	5.01
	-5	13.59	4.43	13.54	4.58	13.49	4.76	13.47	4.83	13.44	4.91	13.38	5.10
	-3	14.33	4.50	14.27	4.66	14.21	4.84	14.18	4.91	14.14	5.00	14.07	5.19
	-1	15.09	4.57	15.02	4.74	14.94	4.93	14.91	5.00	14.87	5.09	14.78	5.29
	0	15.48	4.61	15.40	4.78	15.32	4.97	15.28	5.05	15.24	5.14	15.15	5.34
	1	15.88	4.65	15.79	4.82	15.70	5.02	15.66	5.09	15.61	5.19	15.52	5.39
	2	16.27	4.69	16.18	4.86	16.08	5.06	16.04	5.14	15.99	5.24	15.89	5.45
	4	17.08	4.77	16.98	4.95	16.86	5.16	16.82	5.24	16.76	5.34	16.65	5.56
	6	17.90	4.87	17.79	5.05	17.66	5.27	17.61	5.35	17.55	5.45	17.43	5.67
	8	18.74	4.96	18.62	5.15	18.48	5.38	18.43	5.46	18.36	5.57	18.22	5.79
	10	19.59	5.06	19.46	5.26	19.31	5.50	19.25	5.58	19.18	5.69	19.04	5.92
	12	20.47	5.17	20.32	5.38	20.16	5.62	20.10	5.70	20.02	5.82	19.87	6.06
	14	21.35	5.29	21.19	5.50	21.02	5.75	20.96	5.84	20.88	5.95	20.62	6.20
15	21.79	5.34	21.64	5.56	21.46	5.82	21.39	5.90	21.31	6.02	21.14	6.27	
18	23.16	5.53	22.99	5.76	22.73	5.90	22.63	5.90	22.52	5.90	22.36	5.90	

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

5 Capacity tables

5 - 4 Heating capacity tables

5

Combination %	Outdoor air temp. °CWB	Indoor air temp.: °CDB											
		16		18		20		21		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-15	10.23	4.24	10.26	4.36	10.28	4.53	10.28	4.58	10.29	4.66	10.30	4.82
	-13	10.85	4.30	10.86	4.43	10.86	4.60	10.86	4.65	10.86	4.73	10.85	4.90
	-11	11.49	4.36	11.48	4.50	11.47	4.68	11.46	4.73	11.46	4.82	11.43	4.99
	-10	11.82	4.39	11.81	4.54	11.78	4.72	11.78	4.77	11.76	4.86	11.74	5.04
	-9	12.16	4.43	12.14	4.57	12.10	4.76	12.09	4.82	12.08	4.90	12.04	5.08
	-7	12.84	4.50	12.81	4.65	12.76	4.85	12.74	4.90	12.72	4.99	12.67	5.18
	-5	13.55	4.58	13.50	4.74	13.44	4.94	13.42	5.00	13.39	5.09	13.33	5.28
	-3	14.28	4.66	14.22	4.83	14.13	5.04	14.11	5.09	14.08	5.19	14.00	5.39
	-1	15.02	4.75	14.95	4.92	14.85	5.14	14.83	5.20	14.78	5.30	14.70	5.50
	0	15.40	4.79	15.32	4.97	15.22	5.20	15.19	5.25	15.15	5.35	15.05	5.56
	1	15.79	4.84	15.70	5.02	15.59	5.25	15.56	5.31	15.51	5.41	15.41	5.62
	2	16.18	4.89	16.08	5.07	15.96	5.31	15.94	5.36	15.88	5.47	15.78	5.68
	4	16.96	4.99	16.86	5.18	16.72	5.43	16.69	5.48	16.64	5.59	16.52	5.81
	6	17.77	5.10	17.65	5.29	17.50	5.56	17.47	5.61	17.41	5.72	17.28	5.95
	8	18.59	5.21	18.46	5.42	18.29	5.69	18.26	5.74	18.20	5.85	18.06	6.09
	10	19.42	5.33	19.28	5.54	19.10	5.83	19.07	5.88	19.00	5.99	18.85	6.24
	12	20.27	5.46	20.12	5.68	19.93	5.98	19.90	6.02	19.82	6.14	19.66	6.40
	14	21.13	5.60	20.97	5.82	20.77	6.13	20.73	6.18	20.65	6.30	20.40	6.47
15	21.56	5.67	21.41	5.90	21.19	6.21	21.16	6.26	21.07	6.38	20.40	6.11	
18	22.89	5.89	22.63	5.90	22.39	5.90	22.32	5.90	21.68	5.90	20.40	5.24	
90%	-15	9.11	3.74	9.13	3.87	9.15	4.02	9.15	4.07	9.16	4.15	9.16	4.30
	-13	9.69	3.81	9.70	3.94	9.70	4.09	9.70	4.15	9.70	4.23	9.69	4.39
	-11	10.30	3.87	10.29	4.01	10.27	4.17	10.27	4.23	10.26	4.31	10.24	4.47
	-10	10.61	3.91	10.78	4.07	10.57	4.21	10.56	4.27	10.55	4.35	10.52	4.52
	-9	10.92	3.94	10.90	4.08	10.87	4.25	10.86	4.31	10.84	4.39	10.80	4.56
	-7	11.56	4.01	11.52	4.16	11.48	4.34	11.46	4.40	11.44	4.48	11.39	4.66
	-5	12.22	4.09	12.17	4.24	12.11	4.43	12.09	4.49	12.06	4.57	12.00	4.76
	-3	12.89	4.17	12.83	4.33	12.75	4.53	12.73	4.58	12.70	4.67	12.62	4.86
	-1	13.58	4.26	13.50	4.42	13.42	4.63	13.39	4.68	13.35	4.78	13.27	4.97
	0	13.93	4.31	13.85	4.47	13.75	4.68	13.73	4.74	13.68	4.83	13.59	5.02
	1	14.28	4.35	14.20	4.52	14.09	4.73	14.07	4.79	14.02	4.88	13.92	5.08
	2	14.64	4.40	14.55	4.57	14.44	4.79	14.41	4.84	14.36	4.94	14.26	5.14
	4	15.36	4.50	15.26	4.68	15.14	4.90	15.11	4.96	15.05	5.06	14.94	5.26
	6	16.10	4.60	15.99	4.79	15.85	5.02	15.82	5.08	15.76	5.18	15.64	5.39
	8	16.85	4.72	16.73	4.90	16.58	5.14	16.54	5.20	16.48	5.31	16.35	5.53
	10	17.61	4.83	17.48	5.03	17.32	5.28	17.28	5.34	17.21	5.44	17.07	5.67
	12	18.38	4.95	18.24	5.16	18.07	5.41	18.03	5.47	17.96	5.58	17.81	5.82
	14	19.17	5.08	19.02	5.29	18.83	5.56	18.79	5.62	18.72	5.74	18.56	5.97
15	19.56	5.15	19.41	5.36	19.22	5.63	19.18	5.69	19.10	5.81	18.72	5.82	
18	20.77	5.36	20.61	5.58	20.40	5.87	20.36	5.90	19.89	5.68	18.72	5.03	
80%	-15	7.97	3.26	7.99	3.38	8.00	3.51	8.01	3.57	8.01	3.64	8.02	3.78
	-13	8.51	3.32	8.52	3.44	8.52	3.58	8.52	3.64	8.51	3.71	8.51	3.86
	-11	9.08	3.38	9.07	3.51	9.05	3.66	9.04	3.71	9.04	3.79	9.02	3.94
	-10	9.36	3.41	9.62	3.58	9.32	3.69	9.31	3.75	9.30	3.83	9.28	3.98
	-9	9.65	3.45	9.63	3.58	9.60	3.73	9.59	3.79	9.57	3.87	9.54	4.02
	-7	10.24	3.52	10.20	3.65	10.16	3.81	10.15	3.87	10.13	3.95	10.08	4.11
	-5	10.84	3.59	10.80	3.73	10.74	3.90	10.72	3.96	10.70	4.04	10.64	4.20
	-3	11.46	3.67	11.40	3.82	11.34	3.99	11.31	4.05	11.28	4.13	11.21	4.30
	-1	12.09	3.75	12.02	3.90	11.94	4.08	11.91	4.14	11.88	4.23	11.80	4.40
	0	12.41	3.79	12.33	3.95	12.25	4.13	12.22	4.19	12.18	4.28	12.10	4.46
	1	12.73	3.84	12.65	3.99	12.56	4.18	12.53	4.24	12.49	4.33	12.40	4.51
	2	13.05	3.88	12.97	4.04	12.87	4.23	12.84	4.29	12.80	4.38	12.71	4.56
	4	13.71	3.98	13.62	4.14	13.51	4.33	13.48	4.40	13.43	4.49	13.33	4.68
	6	14.38	4.07	14.28	4.24	14.16	4.44	14.12	4.51	14.07	4.60	13.96	4.80
	8	15.06	4.18	14.95	4.35	14.82	4.56	14.78	4.63	14.72	4.72	14.60	4.92
	10	15.75	4.29	15.63	4.47	15.49	4.68	15.45	4.75	15.39	4.84	15.26	5.05
	12	16.45	4.40	16.32	4.58	16.17	4.81	16.13	4.87	16.06	4.97	15.93	5.18
	14	17.16	4.52	17.03	4.71	16.87	4.94	16.82	5.01	16.75	5.11	16.11	4.87
15	17.52	4.58	17.38	4.77	17.22	5.01	17.17	5.08	17.10	5.18	16.11	4.65	
18	18.61	4.78	18.46	4.98	18.12	5.09	17.62	4.79	17.12	4.55	16.11	4.11	

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

5 Capacity tables

5 - 4 Heating capacity tables

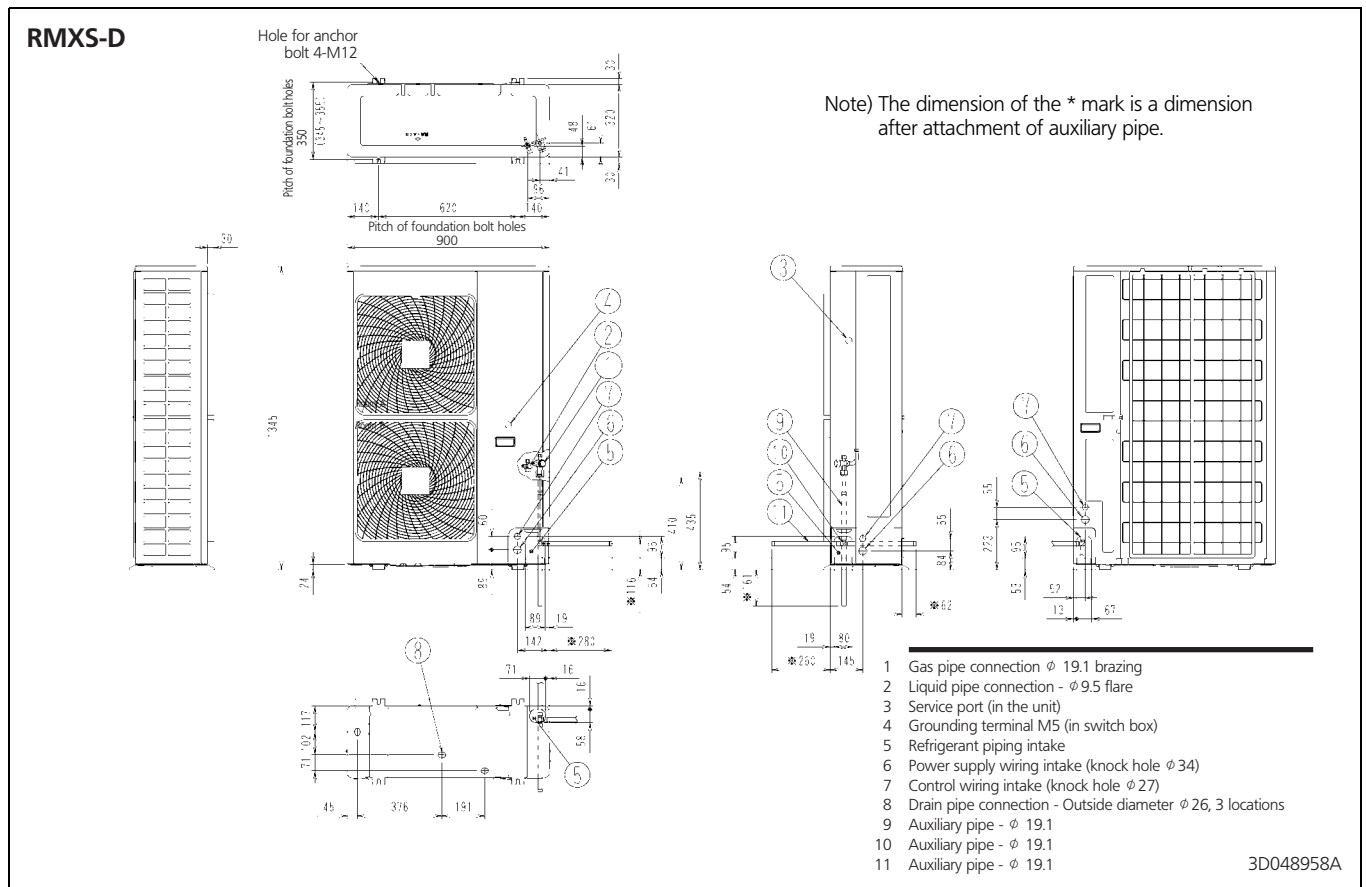
Combination %	Outdoor air temp. °CWB	Indoor air temp.: °CDB											
		16		18		20		21		22		24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-15	6.81	2.78	6.83	2.88	6.84	3.00	6.84	3.06	6.85	3.12	6.86	3.25
	-13	7.31	2.83	7.31	2.94	7.31	3.07	7.31	3.12	7.31	3.19	7.31	3.32
	-11	7.82	2.89	7.81	3.00	7.80	3.13	7.80	3.19	7.79	3.25	7.77	3.39
	-10	8.08	2.92	8.31	3.06	8.05	3.17	8.04	3.22	8.03	3.29	8.01	3.43
	-9	8.35	2.95	8.33	3.07	8.30	3.20	8.29	3.26	8.28	3.33	8.25	3.47
	-7	8.88	3.01	8.85	3.13	8.82	3.27	8.80	3.33	8.78	3.40	8.75	3.55
	-5	9.43	3.08	9.39	3.20	9.34	3.35	9.32	3.41	9.30	3.48	9.25	3.63
	-3	9.99	3.14	9.94	3.28	9.88	3.43	9.86	3.49	9.83	3.56	9.77	3.72
	-1	10.56	3.22	10.50	3.36	10.43	3.51	10.40	3.57	10.37	3.65	10.30	3.81
	0	10.84	3.26	10.78	3.40	10.71	3.55	10.68	3.62	10.64	3.69	10.57	3.85
	1	11.13	3.30	11.06	3.44	10.99	3.60	10.96	3.66	10.92	3.74	10.84	3.90
	2	11.43	3.34	11.35	3.48	11.27	3.64	11.24	3.71	11.20	3.79	11.12	3.95
	4	12.02	3.42	11.94	3.57	11.85	3.73	11.81	3.80	11.77	3.88	11.68	4.05
	6	12.62	3.51	12.53	3.66	12.43	3.83	12.39	3.90	12.34	3.98	12.24	4.16
	8	13.23	3.60	13.13	3.76	13.02	3.93	12.98	4.00	12.93	4.09	12.73	4.19
	10	13.85	3.70	13.75	3.86	13.63	4.04	13.58	4.11	13.53	4.20	12.73	3.83
	12	14.48	3.80	14.37	3.97	14.24	4.15	13.93	4.02	13.53	3.86	12.73	3.53
	14	15.12	3.91	15.00	4.08	14.33	3.89	13.93	3.71	13.53	3.57	12.73	3.28
15	15.44	3.96	15.12	4.00	14.33	3.74	13.93	3.58	13.53	3.44	12.73	3.16	
18	15.92	3.82	15.12	3.58	14.33	3.36	13.93	3.22	13.53	3.10	12.73	2.86	
60%	-15	5.64	2.30	5.65	2.40	5.66	2.50	5.67	2.55	5.67	2.60	5.68	2.72
	-13	6.08	2.34	6.09	2.44	6.09	2.55	6.09	2.60	6.09	2.66	6.09	2.77
	-11	6.54	2.39	6.54	2.49	6.53	2.60	6.52	2.65	6.52	2.71	6.51	2.83
	-10	6.78	2.41	6.87	2.53	6.75	2.63	6.74	2.68	6.74	2.74	6.72	2.86
	-9	7.01	2.44	6.99	2.54	6.98	2.66	6.97	2.71	6.96	2.77	6.94	2.89
	-7	7.49	2.49	7.46	2.60	7.44	2.71	7.42	2.77	7.41	2.83	7.38	2.96
	-5	7.98	2.54	7.94	2.66	7.91	2.78	7.89	2.84	7.87	2.90	7.83	3.03
	-3	8.48	2.60	8.43	2.72	8.39	2.84	8.36	2.90	8.34	2.97	8.29	3.10
	-1	8.98	2.66	8.93	2.78	8.88	2.91	8.85	2.97	8.82	3.04	8.77	3.18
	0	9.24	2.69	9.18	2.82	9.12	2.95	9.10	3.01	9.07	3.08	9.01	3.22
	1	9.50	2.73	9.44	2.85	9.37	2.98	9.35	3.05	9.31	3.12	9.25	3.26
	2	9.76	2.76	9.69	2.89	9.63	3.02	9.60	3.09	9.56	3.16	9.50	3.30
	4	10.29	2.83	10.21	2.96	10.14	3.10	10.10	3.17	10.07	3.24	9.99	3.38
	6	10.82	2.90	10.74	3.04	10.66	3.18	10.62	3.25	10.58	3.32	10.50	3.47
	8	11.36	2.98	11.28	3.12	11.19	3.27	11.15	3.34	11.10	3.41	11.01	3.57
	10	11.91	3.07	11.82	3.21	11.72	3.36	11.68	3.43	11.63	3.51	11.53	3.67
	12	12.47	3.15	12.37	3.30	12.27	3.45	12.22	3.53	12.17	3.61	12.07	3.77
	14	13.04	3.24	12.93	3.39	12.82	3.55	12.77	3.63	12.71	3.71	12.40	3.72
15	13.32	3.29	13.21	3.44	13.10	3.61	13.05	3.68	12.99	3.76	12.40	3.58	
18	14.19	3.44	14.07	3.60	13.95	3.77	13.56	3.63	13.17	3.49	12.40	3.23	
50%	-15	4.44	1.83	4.46	1.91	4.47	1.99	4.48	2.04	4.48	2.08	4.50	2.18
	-13	4.84	1.86	4.84	1.94	4.84	2.03	4.85	2.07	4.85	2.12	4.85	2.22
	-11	5.23	1.89	5.23	1.97	5.23	2.06	5.22	2.11	5.22	2.16	5.22	2.26
	-10	5.44	1.91	5.30	1.97	5.42	2.08	5.42	2.13	5.41	2.18	5.41	2.28
	-9	5.64	1.92	5.63	2.01	5.62	2.10	5.61	2.15	5.61	2.20	5.60	2.31
	-7	6.06	1.96	6.04	2.05	6.02	2.14	6.01	2.20	6.00	2.25	5.98	2.35
	-5	6.49	2.00	6.46	2.09	6.44	2.19	6.42	2.24	6.41	2.30	6.38	2.41
	-3	6.92	2.04	6.89	2.14	6.86	2.24	6.84	2.29	6.82	2.35	6.79	2.46
	-1	7.37	2.08	7.33	2.18	7.29	2.29	7.26	2.35	7.24	2.40	7.20	2.52
	0	7.59	2.11	7.55	2.21	7.50	2.31	7.48	2.37	7.46	2.43	7.41	2.55
	1	7.82	2.13	7.77	2.23	7.72	2.34	7.70	2.40	7.67	2.46	7.62	2.58
	2	8.04	2.16	7.99	2.26	7.94	2.37	7.92	2.43	7.89	2.49	7.84	2.61
	4	8.51	2.21	8.45	2.32	8.39	2.43	8.36	2.49	8.33	2.55	8.27	2.68
	6	8.97	2.26	8.91	2.38	8.85	2.49	8.81	2.56	8.78	2.62	8.71	2.75
	8	9.45	2.33	9.38	2.44	9.31	2.56	9.27	2.63	9.24	2.69	9.16	2.82
	10	9.93	2.39	9.85	2.51	9.78	2.63	9.74	2.70	9.70	2.77	9.62	2.90
	12	10.42	2.46	10.34	2.58	10.26	2.71	10.21	2.78	10.17	2.85	10.09	2.99
	14	10.91	2.53	10.83	2.66	10.74	2.79	10.69	2.86	10.65	2.93	10.56	3.07
15	11.16	2.57	11.07	2.70	10.98	2.83	10.94	2.90	10.89	2.97	10.80	3.12	
18	11.92	2.69	11.82	2.82	11.73	2.96	11.68	3.04	11.63	3.11	11.48	3.23	

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

6 Dimensional drawing & centre of gravity

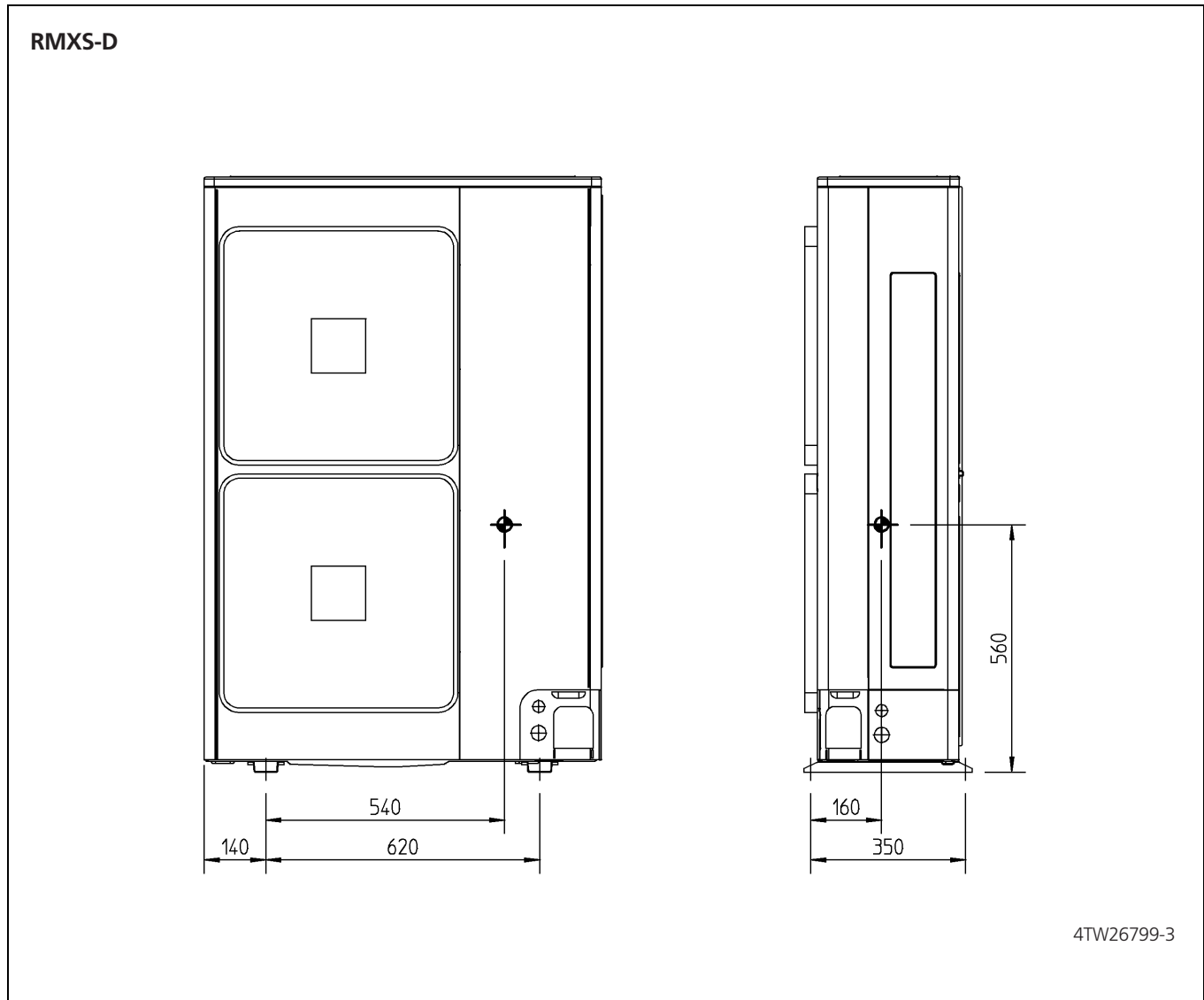
6 - 1 Dimensional drawing

6



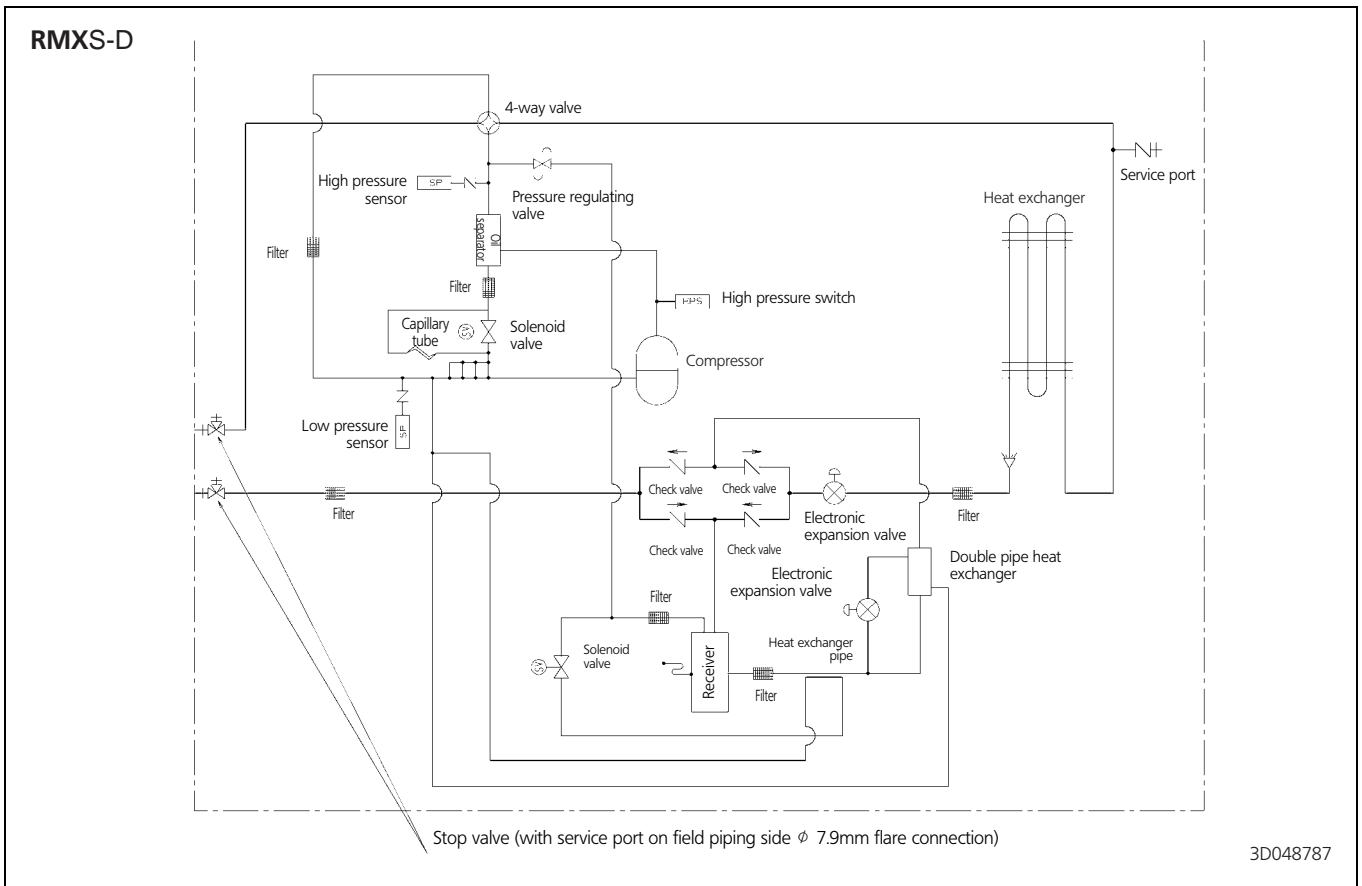
6 Dimensional drawing & centre of gravity

6 - 2 Centre of gravity



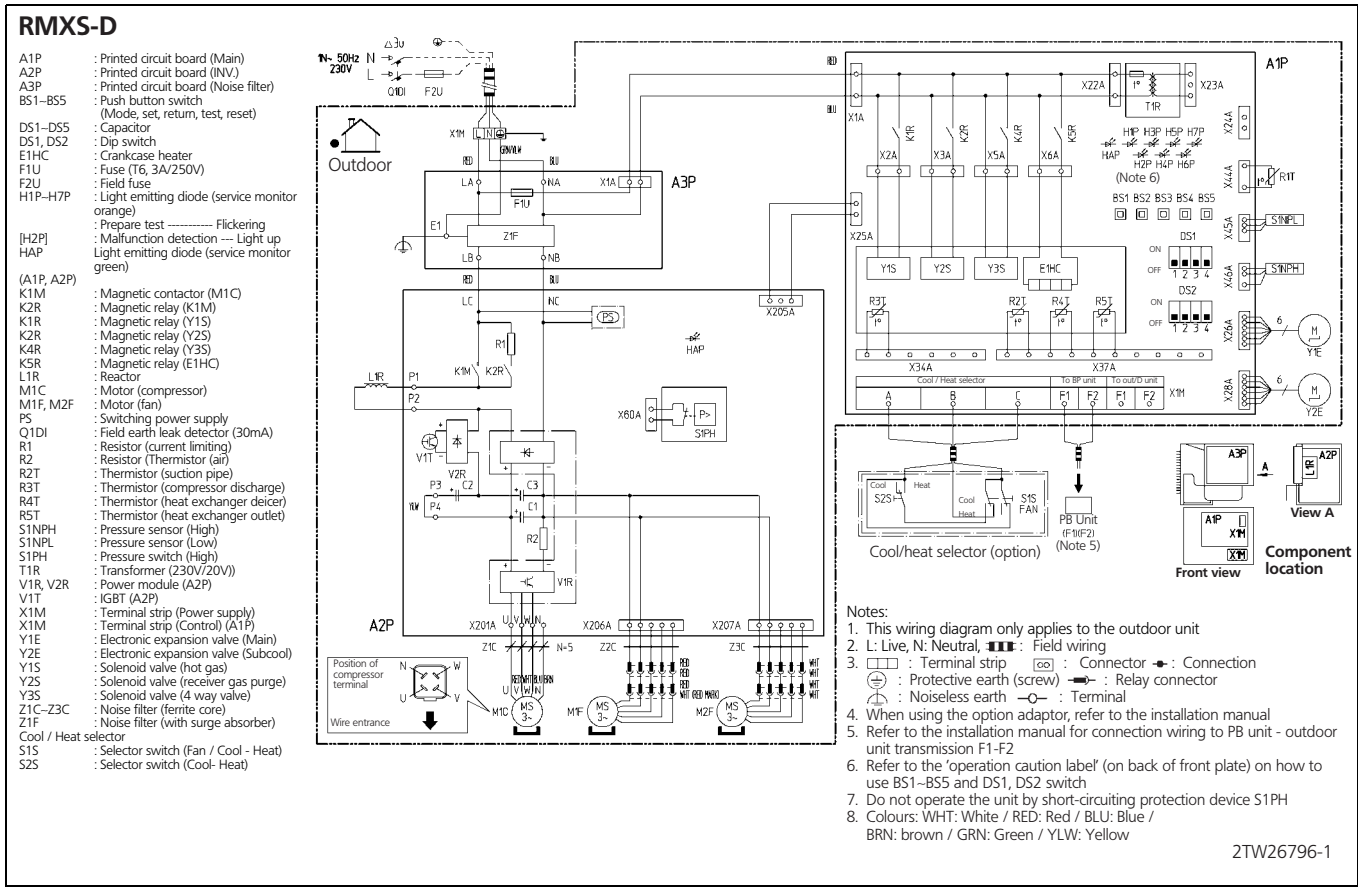
7 Piping diagram

7



8 Wiring diagram

8 - 1 Wiring diagram

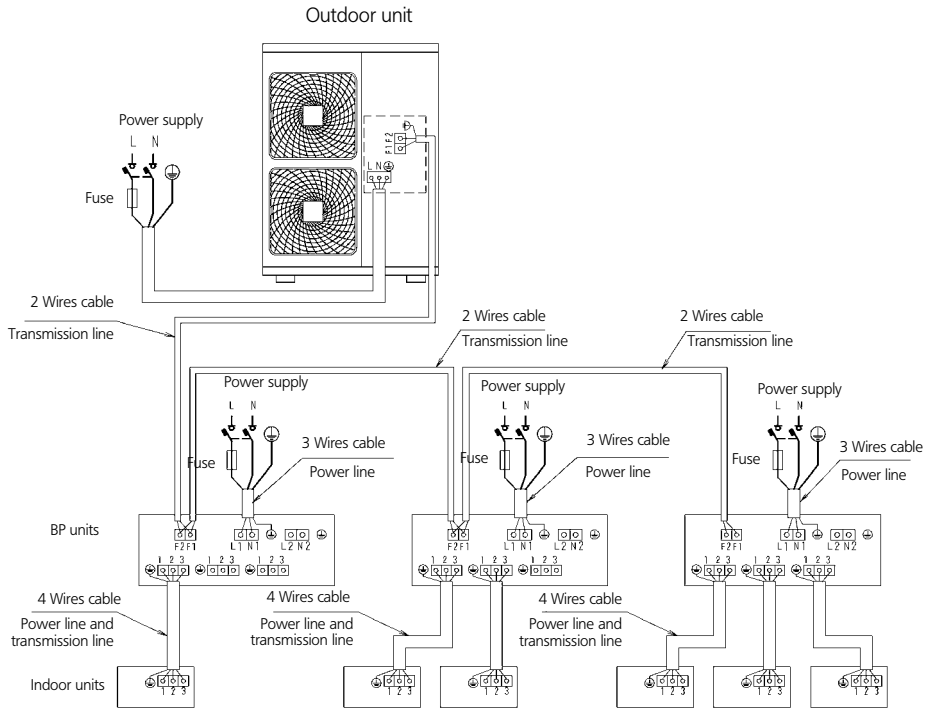


8 Wiring diagram

8 - 2 External connection diagram

8

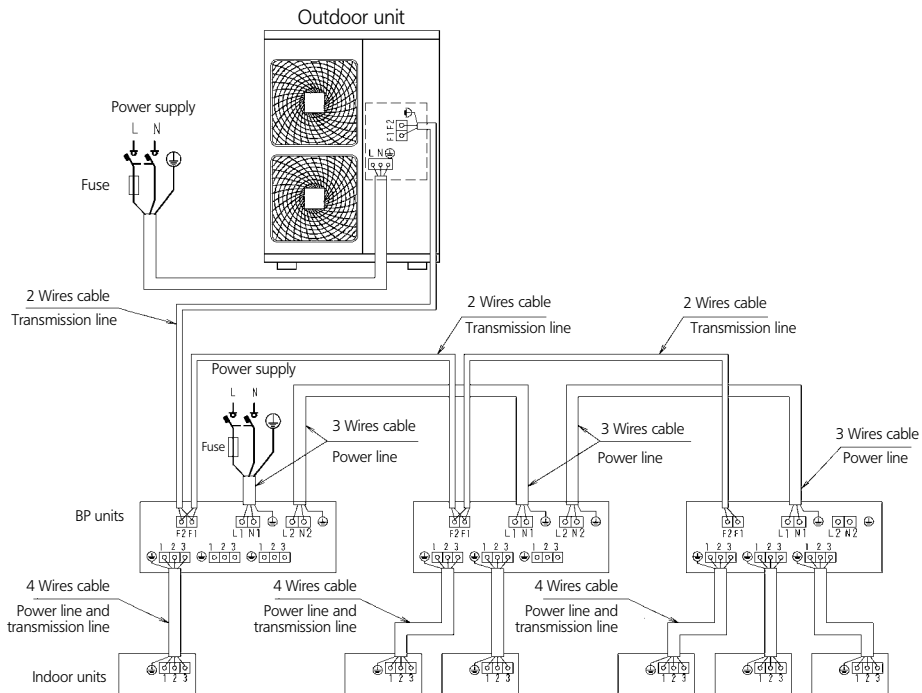
RMXS112-160D



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

NOTES

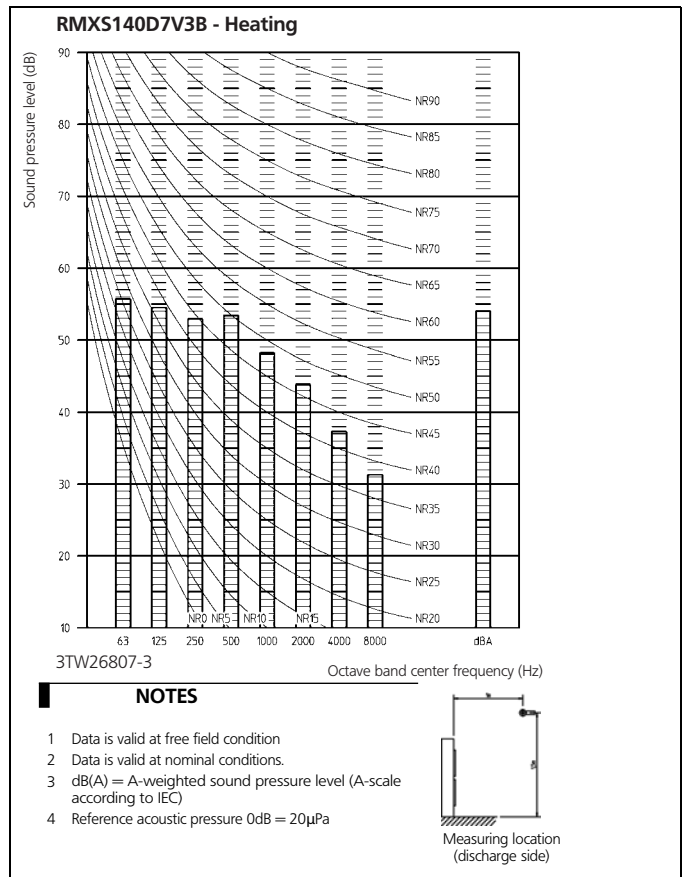
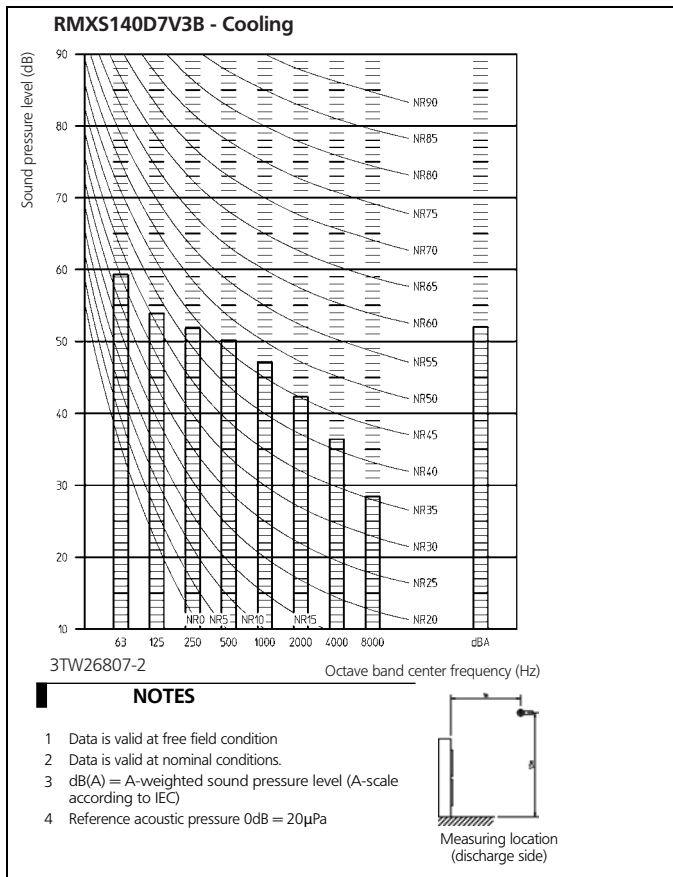
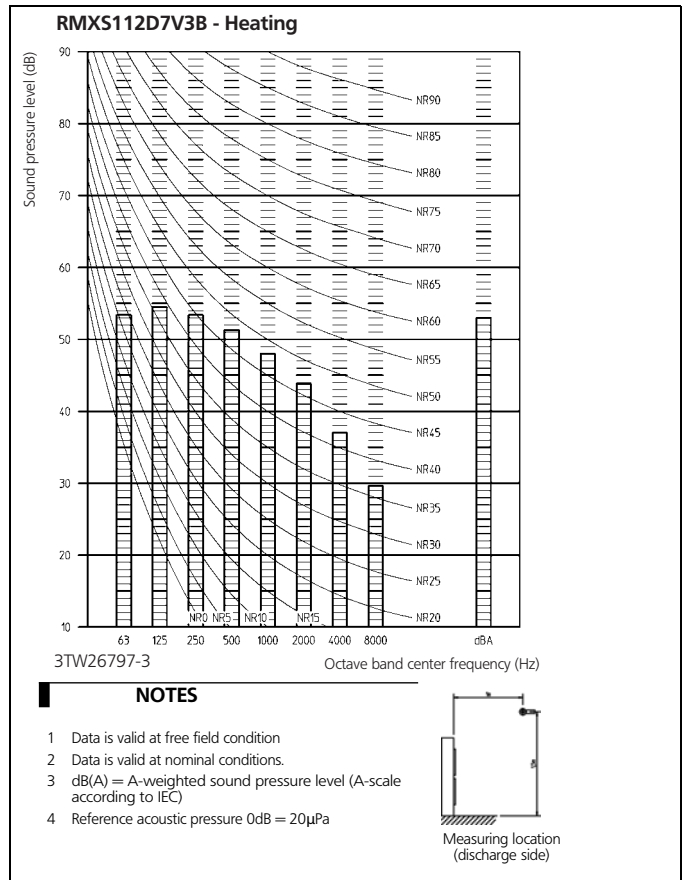
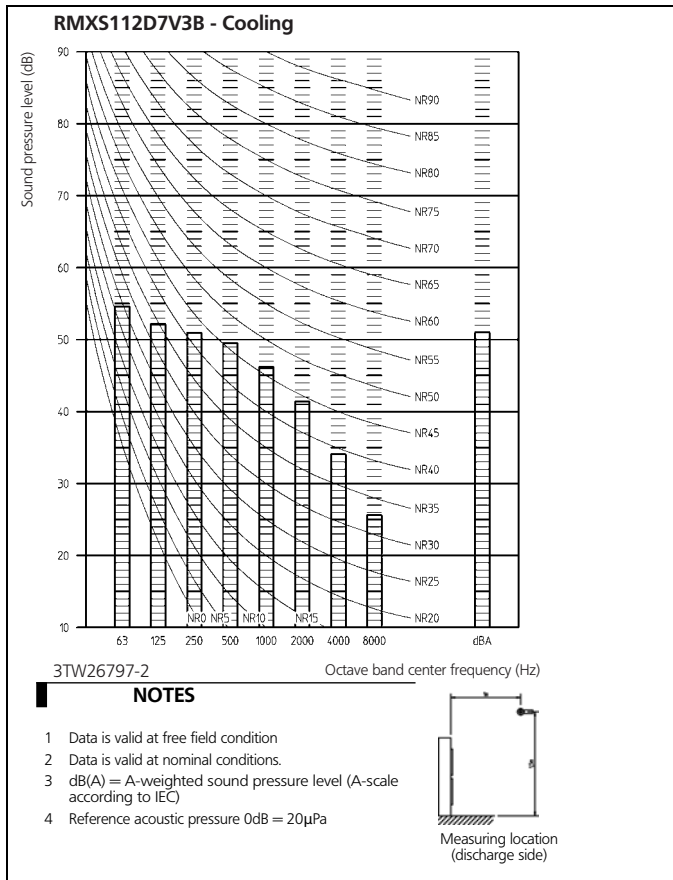
- 1 All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
- 2 Use copper conductors only.
- 3 As for details, see wiring diagram.
- 4 Install circuit breaker for safety.
- 5 All field wiring and components must be provided by licensed electrician.
- 6 Unit shall be grounded in compliance with the applicable local and 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

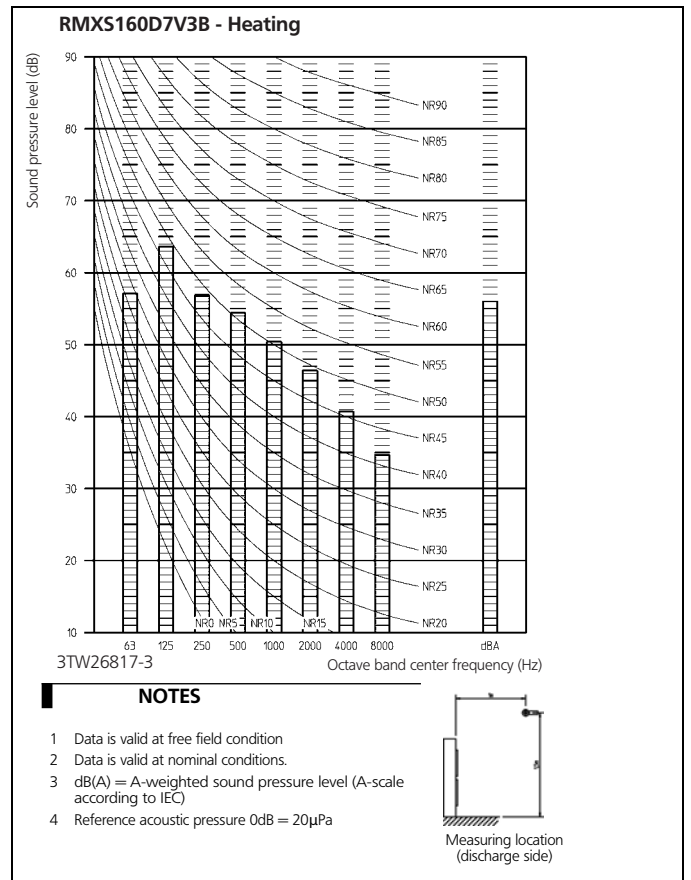
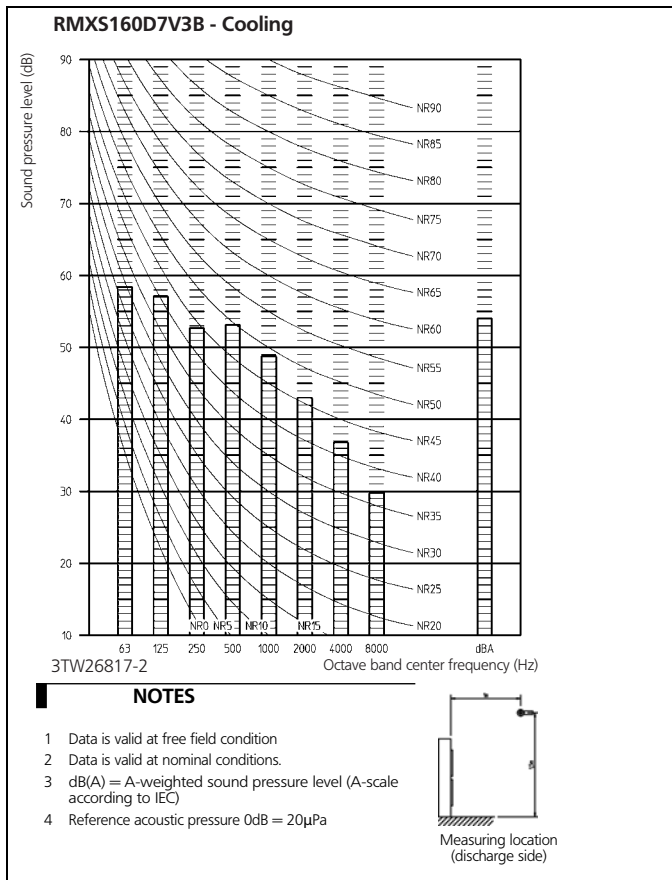
9 - 1 Sound pressure spectrum



9 Sound data

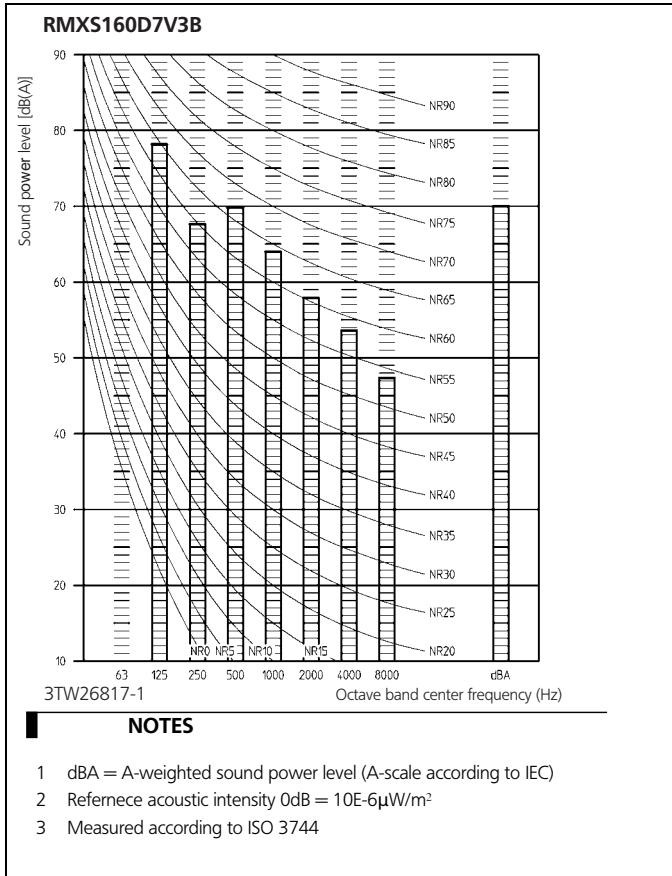
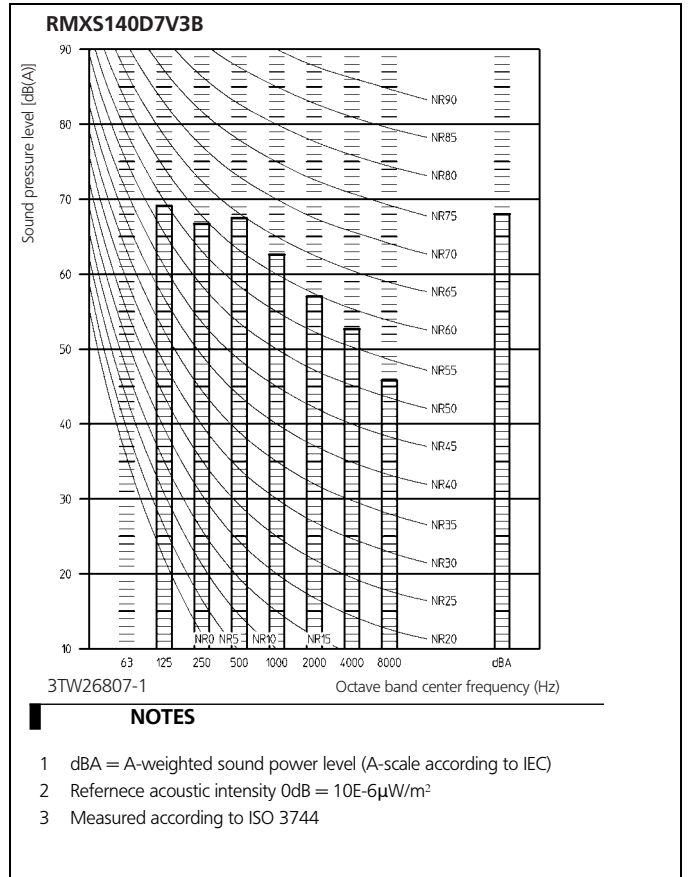
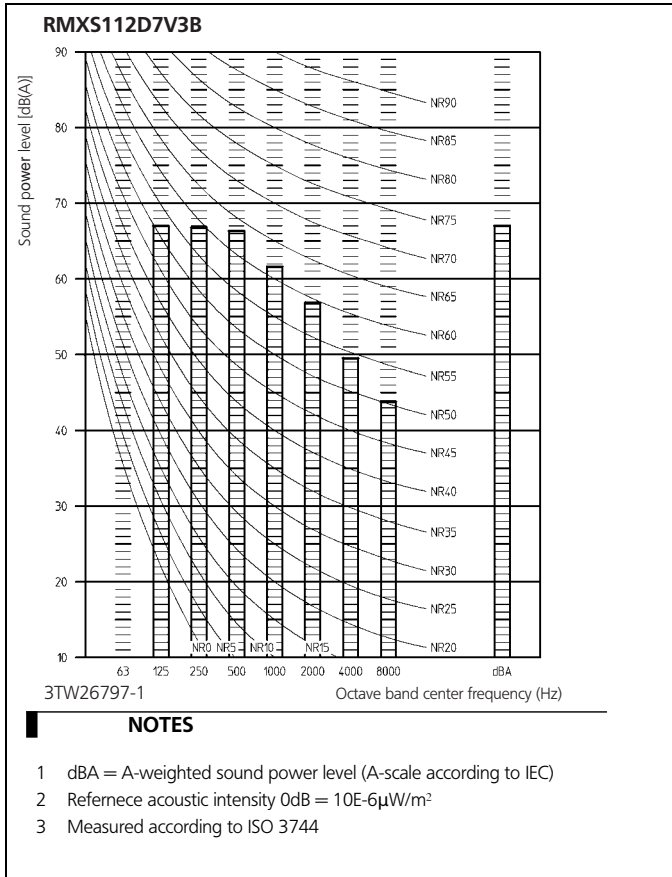
9 - 1 Sound pressure spectrum

9



9 Sound data

9 - 2 Sound power spectrum



10 Installation

10 - 1 Installation method

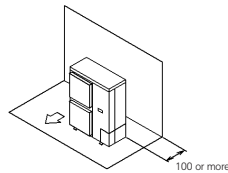
10 Required installation space

The unit of the values is mm.

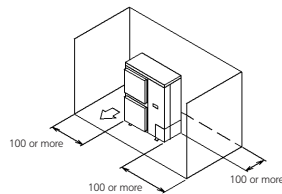
1. Where there is an obstacle on the suction side

(a) No obstacle above

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

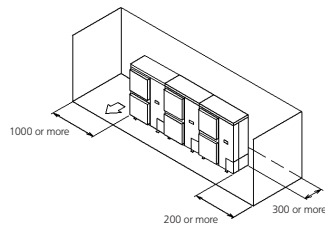


- Obstacle on both sides.



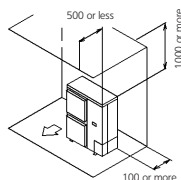
- 2 Series installation (2 or more).

- Obstacle on both sides

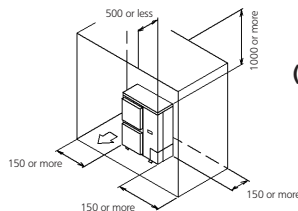


(b) Obstacle above, too.

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

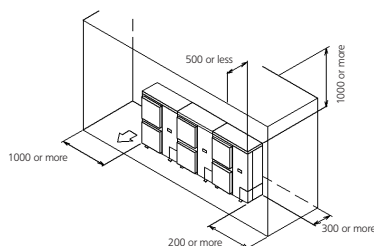


- Obstacle on the suction side and both sides.



- 2 Series installation (2 or more).

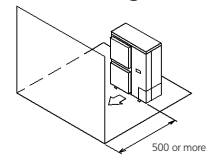
- Obstacle on the suction side and both sides.



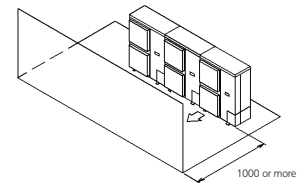
(2) Where there is an obstacle on the discharge side

(a) No obstacle above

- (1) Stand-alone installation

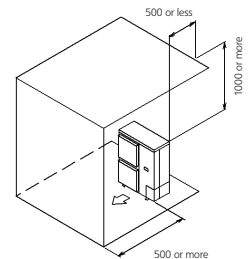


- (2) Series installation (2 or more)

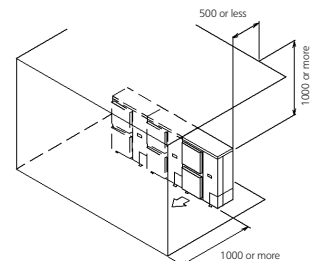


(b) Obstacle above, too.

- 1 Stand-alone installation



- 2 Series installation (2 or more).



3. In case obstacles exist in front of both the air inlet and outlet sides:

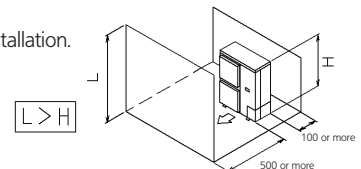
Pattern 1

Where the obstacles on the discharge side is higher than the unit.

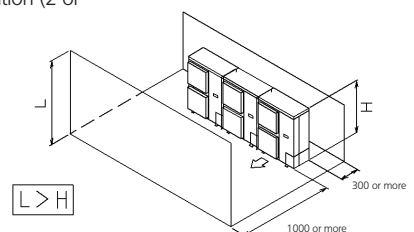
There is no height limit for obstructions on the intake side.

(a) No obstacle above.

- 1 Stand-alone installation.



- 2 Series installation (2 or more).



10 Installation

10 - 1 Installation method

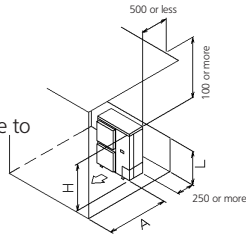
(b) Obstacle above, too

- 1 Stand-alone installation.

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

	L	A
$L \leq H$	$0 < L \leq 1/2 H$	750
	$1/2 H < L \leq H$	1000
$H < L$	Set the stand as : $L \leq H$	

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

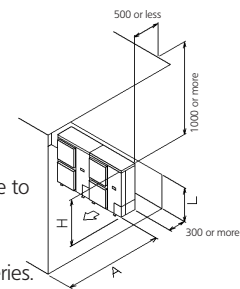


- 2 Series installation (2 or more).

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

	L	A
$L \leq H$	$0 < L \leq 1/2 H$	1000
	$1/2 H < L \leq H$	1250
$H < L$	Set the stand as : $L \leq H$	

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

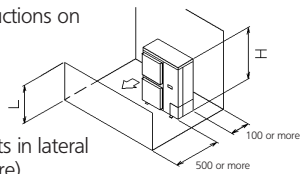
Where the obstacle on the discharge side is lower than the unit.

There is no height limit for obstructions on the intake side.

- 1 Stand-alone installation.

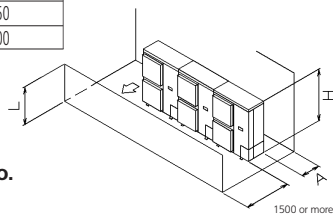
$L \leq H$

- 2 Installation of multiple units in lateral connection (2 units or more).



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

	L	A
$L \leq H$	$0 < L \leq 1/2 H$	250
	$1/2 H < L \leq H$	300

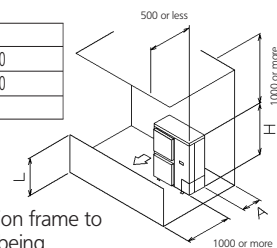


(b) Obstacle above, too.

- 1 Series installation (2 or more).

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

	L	A
$L \leq H$	$0 < L \leq 1/2 H$	100
	$1/2 H < L \leq H$	200
$H < L$	Set the stand as : $L \leq H$	

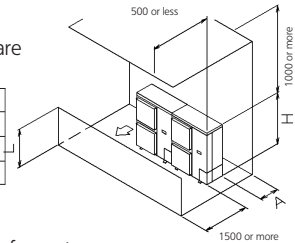


Close the bottom of the installation frame to prevent the discharged air from being bypassed.

- 1 Series installation (2 or more).

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

	L	A
$L \leq H$	$0 < L \leq 1/2 H$	250
	$1/2 H < L \leq H$	300
$H < L$	Set the stand as : $L \leq H$	



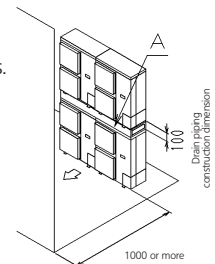
Close the bottom of the installation frame to prevent the discharged air from being bypassed.

Only two units can be installed for this series.

4. Double-decker installation

- (a) Obstacle on the discharge side.

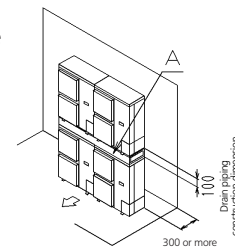
Close the gap A (the gap between the upper and lower outdoor units) to prevent the discharged air from being bypassed.



Do not stack more than two unit.

- (b) Obstacle on the suction side only.

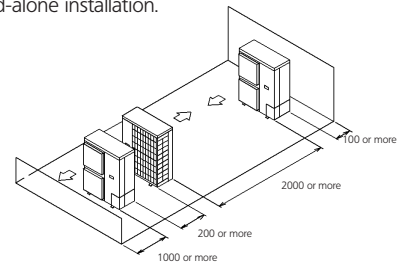
Close the gap A (the gap between the upper and lower outdoor units) to prevent the discharged air from being bypassed.



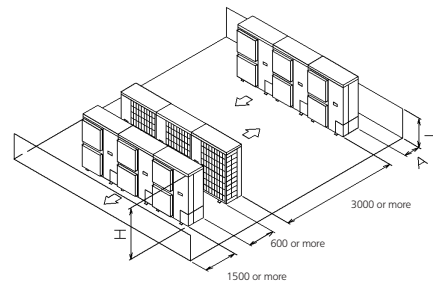
Do not stack more than one unit.

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).



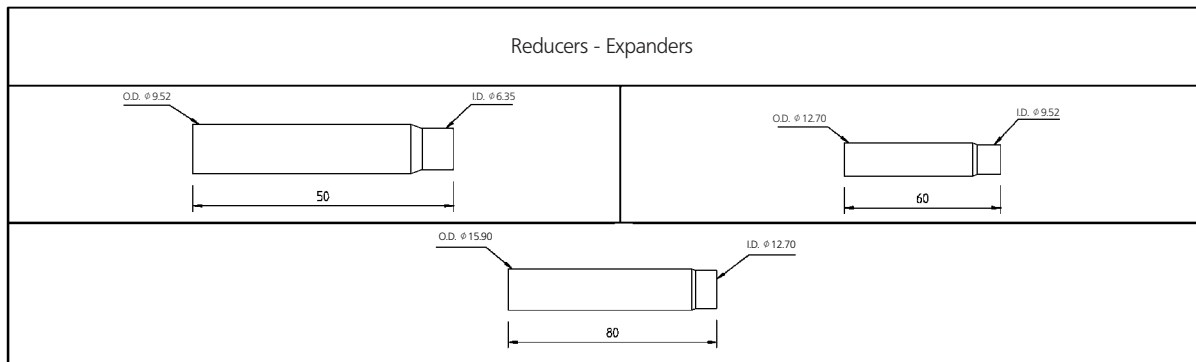
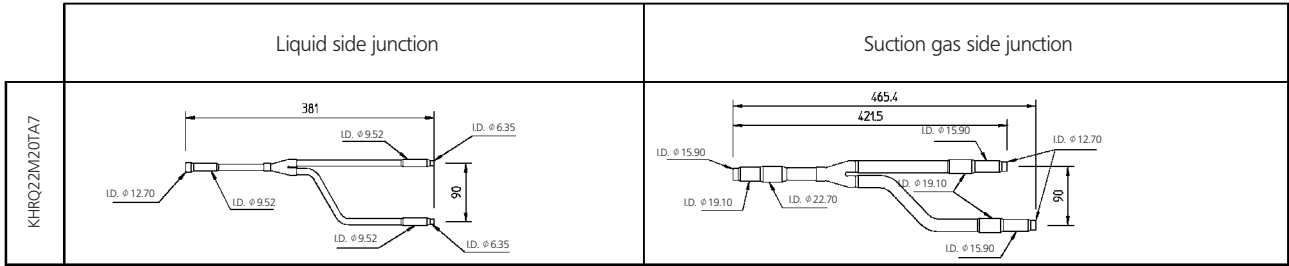
The relations between H, A and L are as follows.

	L	A
$L \leq H$	$0 < L \leq 1/2 H$	250
	$1/2 H < L \leq H$	300
$H < L$	Cannot be installed	

10 Installation

10 - 2 Refnet piping systems

10



1TW25799-1E

11 Operation range

