DAIKIN

technical data

RXYSQ4-6P7Y1B

air conditioning systems

VRV Ⅲ-S

VRV Ⅲ-S

In all of us, a green heart

Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.

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

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

VRV products are not within the scope of the Eurovent certification programme.

Daikin equipment is designed for comfort applications, please contact your local Daikin representative..

DAIKIN EUROPE N.V.

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VRV Ⅲ-S

TABLE OF CONTENTS

RXYSQ4-6P7Y1B

1 Specifications

1-1 TECHNICAL SPECIFICATIONS				RXYSQ4P7Y1B	RXYSQ5P7Y1B	RXYSQ6P7Y1B
Capacity	Cooling		kW	11.2	14.0	15.5
	Heating		kW	12.5	16.0	18.0
COP	Cooling			3.15	3.01	3.02
	Heating			3.41	3.73	3.62
Capacity range			HP	4	5	6
PED category				Category I		
Max n× of indoor units to be connected				6	8	9
Indoor index connection	Minimum			50	62.5	70
	Maximum			130	162.5	182
Casing	Colour			Daikin White		
	Material			Painted galvanised steel		
Dimensions	Packing	Height	mm	1,524		
		Width	mm	980	980	980
		Depth	mm	420	420	420
	Unit	Height	mm	1,345		
		Width	mm	900	900	900
		Depth	mm	320	320	320
Weight	Unit		kg	120	120	120
	Packed Unit		kg	130	130	130
Packing	Material			Carton		
				Wood		
				EPS		
	Weight		kg	8	8	8
Heat Exchanger	Dimensions	Length	mm	857	857	857
		Nr of Rows		2	2	2
		Fin Pitch	mm	2	2	2
		Nr of Passes		10	10	10
		Face Area	m²	1.131	1.131	1.131
		Nr of Stages		60	60	60
	Tube type			Hi-XSS (8)		
	Fin	Fin type		Non-symmetric waffle louvre		
		Treatment		Corrosion resistant		
Fan	Type			Propeller		
	Quantity			2	2	2
	Air Flow Rate (nominal at 230V)	Cooling	m³/min	106	106	106
		Heating	m³/min	102	105	105
	Discharge direction			Horizontal		
	Motor	Quantity		2	2	2
		Model		Brushless DC motor		
Motor	Speed (nominal)	Cooling	rpm	850/815		
		Heating	rpm	820/785	840/805	840/805
Fan	Motor	Drive		Direct drive		
		Output motor	W	70	70	70
Compressor	Quantity			1	1	1
	Motor	Quantity		1	1	1
		Model		JT1G-VDLYR		
		Type		Hermetically sealed scroll compressor		
		Speed	rpm	6,480		
		Motor Output	kW	2.5	3.0	3.5
		Starting Method		Direct on line		
		Crankcase Heater	W	33	33	33

1 Specifications

1-1 TECHNICAL SPECIFICATIONS				RXYSQ4P7Y1B	RXYSQ5P7Y1B	RXYSQ6P7Y1B
Operation Range	Cooling	Min	°CDB	-5	-5	-5
		Max	°CDB	46	46	46
	Heating	Min	°CWB	-20	-20	-20
		Max	°CWB	15.5	15.5	15.5
Sound Level	Cooling	Sound Power	dBA	66	67	69
		Sound Pressure	dBA	50	51	53
	Heating	Sound Pressure	dBA	52	53	55
Refrigerant	Name			R-410A		
	Charge		kg	4.0	4.0	4.0
	Control			Expansion valve (electronic type)		
	Nr of Circuits			1	1	1
Refrigerant Oil	Name			Daphne FVC68D		
	Charged Volume		l	1.5	1.5	1.5
Piping connections	Liquid (OD)	Type		Flare connection		
		Diameter (OD)	mm	9.5	9.5	9.5
	Gas	Type		Flare connection	Flare connection	Braze connection
		Diameter (OD)	mm	15.9	15.9	19.1
	Drain	Quantity		3	3	3
		Diameter (OD)	mm	26 x 3		
	Heat Insulation			Both liquid and gas pipes		
	Max total length		m	300	300	300
Defrost Method				Reversed cycle		
Defrost Control				Sensor for outdoor heat exchanger temperature		
Capacity Control Method				Inverter controlled		
Capacity Control				24 to 100		
Safety devices				HPS		
				Fan motor thermal protection		
				Inverter overload protector		
				PC board fuse		
Standard Accessories	Standard Accessories			Installation manual		
	Quantity			1	1	1
	Standard Accessories			Operation manual		
	Quantity			1	1	1
	Standard Accessories					Connection pipes
	Quantity					3
Notes				Nominal cooling capacities are based on : indoor temperature : 27°CDB, 19°CWB, outdoor temperature : 35°CDB, equivalent refrigerant piping : 7.5m, level difference : 0m.		
				Nominal heating capacities are based on : indoor temperature : 20°CDB, outdoor temperature : 7°CDB, 6°CWB, equivalent refrigerant piping : 7.5m, level difference : 0m		
				Sound pressure		
				Sound values		
				Sound values are measured in a semi-anechoic room.		

1 Specifications

1-2 ELECTRICAL SPECIFICATIONS				RXYSQ4P7Y1B	RXYSQ5P7Y1B	RXYSQ6P7Y1B
Power Supply	Name			Y1		
	Phase			3N		
	Frequency		Hz	50	50	50
	Voltage		V	380-415		
Current	Nominal running current (RLA)	Cooling	A	5.30	6.77	7.79
	Starting current (MSC)		A	5.30	6.77	7.79
	Maximum Running Current		A	13.5	13.5	13.5
	Minimum circuit amps (MCA)		A	13.5	13.5	13.5
	Maximum fuse amps (MFA)		A	16.0	16.0	16.0
	Total overcurrent amps (TOCA)		A	13.5	13.5	13.5
	Full load amps (FLA)		A	0.3+0.3 (Fan motor)		
Voltage range	Minimum		V	342	342	342
	Maximum		V	456	456	456
Wiring connections	For Power Supply	Quantity		5	5	5
		Remark		Earth wire included		
	For connection with indoor	Quantity		2	2	2
		Remark		F1+F2		
Power Supply Intake				Both indoor and outdoor unit		
Notes				RLA is based on following conditions : indoor temperature : 270CDB/190CWB , outdoor temperature : 350CDB		
				TOCA means the total value of each OC set		
				Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits		
				Maximum allowable voltage range variation between phases is 2%		
				Select wire size based on the larger value of MCA or TOCA		
				Instead of fuse, use circuit breaker. MFA is used to select circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)		
				MSC means the maximum current during start up of the compressor		

2 Options

RXYSQ-PY1

No	Item	RXYSQ4	RXYSQ5	RXYSQ6
1	Cool/heat selector	KRC19-26A6		
2	Fixing box	KJB111A		
3	Refnet header	KHRQ22M29H		
4	Refnet joint	KHRQ22M20T		
5	Central drain plug	KKPJ5F180		

4TW26101-4A

NOTES

1 All options are kits

3 Capacity tables

3 - 1 Cooling capacity tables

RXYSQ4PY1

TC: Total capacity (kW); PI: Power input (kW) (Compressor + outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temp.: °CWB													
			14°C		16°C		18°C		19°C		20°C		22°C		24°C	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	KW	KW
130	14.56	10	9.83	1.51	11.7	1.84	13.6	2.19	14.6	2.37	15.5	2.55	16.6	2.64	16.9	2.52
		12	9.83	1.53	11.7	1.88	13.6	2.23	14.6	2.41	15.5	2.59	16.4	2.63	16.7	2.58
		14	9.83	1.56	11.7	1.91	13.6	2.28	14.6	2.46	15.5	2.64	16.1	2.71	16.5	2.73
		16	9.83	1.59	11.7	1.95	13.6	2.32	14.6	2.54	15.5	2.80	15.9	2.85	16.3	2.87
		18	9.83	1.62	11.7	1.99	13.6	2.47	14.6	2.74	15.4	2.97	15.7	3.00	16.1	3.02
		20	9.83	1.66	11.7	2.12	13.6	2.66	14.6	2.95	15.2	3.12	15.5	3.14	15.9	3.17
		21	9.83	1.70	11.7	2.20	13.6	2.75	14.6	3.06	15.0	3.19	15.4	3.21	15.8	3.24
		23	9.83	1.82	11.7	2.35	13.6	2.95	14.6	3.28	14.8	3.33	15.2	3.36	15.5	3.39
		25	9.83	1.95	11.7	2.52	13.6	3.17	14.4	3.47	14.6	3.48	15.0	3.51	15.3	3.54
		27	9.83	2.08	11.7	2.70	13.6	3.39	14.2	3.61	14.4	3.63	14.8	3.66	15.1	3.69
		29	9.83	2.22	11.7	2.88	13.6	3.63	14.0	3.76	14.2	3.77	14.5	3.80	14.9	3.84
		31	9.83	2.37	11.7	3.08	13.6	3.88	13.8	3.90	14.0	3.92	14.3	3.95	14.7	3.99
		33	9.83	2.53	11.7	3.28	13.4	4.03	13.6	4.05	13.8	4.07	14.1	4.10	14.5	4.14
		35	9.83	2.69	11.7	3.50	13.2	4.18	13.4	4.20	13.6	4.22	13.9	4.25	14.3	4.29
		37	9.83	2.87	11.7	3.74	13.0	4.32	13.2	4.34	13.3	4.36	13.7	4.40	14.0	4.44
		39	9.83	3.05	11.7	3.98	12.8	4.47	13.0	4.49	13.1	4.51	13.5	4.56	13.8	4.60
120	13.44	10	9.07	1.38	10.8	1.68	12.6	2.00	13.4	2.16	14.3	2.32	16.1	2.65	16.6	2.62
		12	9.07	1.40	10.8	1.71	12.6	2.04	13.4	2.20	14.3	2.37	16.1	2.70	16.4	2.60
		14	9.07	1.43	10.8	1.74	12.6	2.07	13.4	2.24	14.3	2.41	15.9	2.70	16.2	2.71
		16	9.07	1.45	10.8	1.78	12.6	2.12	13.4	2.29	14.3	2.48	15.7	2.84	16.0	2.86
		18	9.07	1.48	10.8	1.81	12.6	2.19	13.4	2.42	14.3	2.67	15.5	2.98	15.8	3.00
		20	9.07	1.51	10.8	1.89	12.6	2.35	13.4	2.60	14.3	2.87	15.3	3.12	15.6	3.15
		21	9.07	1.53	10.8	1.95	12.6	2.44	13.4	2.70	14.3	2.98	15.1	3.20	15.5	3.22
		23	9.07	1.63	10.8	2.09	12.6	2.61	13.4	2.90	14.3	3.19	14.9	3.34	15.3	3.37
		25	9.07	1.74	10.8	2.24	12.6	2.80	13.4	3.10	14.3	3.43	14.7	3.49	15.1	3.51
		27	9.07	1.86	10.8	2.39	12.6	3.00	13.4	3.32	14.2	3.61	14.5	3.63	14.8	3.66
		29	9.07	1.98	10.8	2.56	12.6	3.20	13.4	3.56	14.0	3.75	14.3	3.78	14.6	3.81
		31	9.07	2.11	10.8	2.73	12.6	3.42	13.4	3.80	13.8	3.90	14.1	3.93	14.4	3.96
		33	9.07	2.25	10.8	2.91	12.6	3.66	13.4	4.03	13.5	4.04	13.9	4.08	14.2	4.11
		35	9.07	2.40	10.8	3.10	12.6	3.90	13.2	4.17	13.3	4.19	13.7	4.23	14.0	4.26
		37	9.07	2.55	10.8	3.31	12.6	4.16	13.0	4.32	13.1	4.34	13.4	4.38	13.8	4.41
		39	9.07	2.71	10.8	3.52	12.6	4.44	12.7	4.47	12.9	4.49	13.2	4.53	13.6	4.56
110	12.32	10	8.31	1.25	9.92	1.52	11.5	1.81	12.3	1.95	13.1	2.10	14.7	2.40	16.3	2.70
		12	8.31	1.27	9.92	1.55	11.5	1.84	12.3	1.99	13.1	2.14	14.7	2.44	16.2	2.70
		14	8.31	1.29	9.92	1.58	11.5	1.88	12.3	2.03	13.1	2.18	14.7	2.49	15.9	2.69
		16	8.31	1.32	9.92	1.61	11.5	1.91	12.3	2.07	13.1	2.22	14.7	2.59	15.7	2.84
		18	8.31	1.34	9.92	1.64	11.5	1.95	12.3	2.12	13.1	2.34	14.7	2.79	15.5	2.98
		20	8.31	1.37	9.92	1.67	11.5	2.07	12.3	2.28	13.1	2.51	14.7	3.00	15.3	3.13
		21	8.31	1.38	9.92	1.72	11.5	2.14	12.3	2.37	13.1	2.60	14.7	3.11	15.2	3.20
		23	8.31	1.45	9.92	1.85	11.5	2.29	12.3	2.54	13.1	2.79	14.7	3.32	15.0	3.35
		25	8.31	1.55	9.92	1.97	11.5	2.46	12.3	2.72	13.1	2.99	14.5	3.47	14.8	3.49
		27	8.31	1.65	9.92	2.11	11.5	2.63	12.3	2.91	13.1	3.20	14.3	3.61	14.6	3.64
		29	8.31	1.76	9.92	2.25	11.5	2.81	12.3	3.11	13.1	3.43	14.0	3.76	14.3	3.79
		31	8.31	1.87	9.92	2.40	11.5	3.00	12.3	3.32	13.1	3.66	13.8	3.91	14.1	3.93
		33	8.31	1.99	9.92	2.56	11.5	3.20	12.3	3.55	13.1	3.91	13.6	4.05	13.9	4.08
		35	8.31	2.12	9.92	2.73	11.5	3.41	12.3	3.78	13.1	4.17	13.4	4.20	13.7	4.23
		37	8.31	2.25	9.92	2.90	11.5	3.64	12.3	4.04	12.9	4.31	13.2	4.35	13.5	4.38
		39	8.31	2.40	9.92	3.09	11.5	3.88	12.3	4.31	12.7	4.46	13.0	4.50	13.3	4.53
100	11.20	10	7.56	1.13	9.02	1.37	10.5	1.62	11.2	1.75	11.9	1.88	13.4	2.15	14.8	2.42
		12	7.56	1.15	9.02	1.39	10.5	1.65	11.2	1.78	11.9	1.92	13.4	2.19	14.8	2.47
		14	7.56	1.17	9.02	1.42	10.5	1.68	11.2	1.82	11.9	1.95	13.4	2.23	14.8	2.51
		16	7.56	1.19	9.02	1.44	10.5	1.71	11.2	1.85	11.9	1.99	13.4	2.28	14.8	2.62
		18	7.56	1.21	9.02	1.47	10.5	1.75	11.2	1.89	11.9	2.03	13.4	2.41	14.8	2.82
		20	7.56	1.23	9.02	1.50	10.5	1.80	11.2	1.98	11.9	2.18	13.4	2.59	14.8	3.04
		21	7.56	1.25	9.02	1.52	10.5	1.86	11.2	2.05	11.9	2.25	13.4	2.68	14.8	3.15
		23	7.56	1.28	9.02	1.62	10.5	2.00	11.2	2.20	11.9	2.42	13.4	2.88	14.7	3.33
		25	7.56	1.36	9.02	1.73	10.5	2.14	11.2	2.36	11.9	2.59	13.4	3.09	14.5	3.47
		27	7.56	1.45	9.02	1.84	10.5	2.28	11.2	2.52	11.9	2.77	13.4	3.30	14.3	3.62
		29	7.56	1.55	9.02	1.97	10.5	2.44	11.2	2.69	11.9	2.96	13.4	3.53	14.1	3.76
		31	7.56	1.65	9.02	2.10	10.5	2.60	11.2	2.87	11.9	3.16	13.4	3.78	13.9	3.91
		33	7.56	1.75	9.02	2.23	10.5	2.77	11.2	3.07	11.9	3.37	13.4	4.03	13.6	4.05
		35	7.56	1.86	9.02	2.38	10.5	2.96	11.2	3.27	11.9	3.60	13.2	4.17	13.4	4.20
		37	7.56	1.98	9.02	2.53	10.5	3.15	11.2	3.49	11.9	3.84	12.9	4.32	13.2	4.35
		39	7.56	2.10	9.02	2.69	10.5	3.35	11.2	3.72	11.9	4.09	12.7	4.47	13.0	4.50

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

RXYSQ4PY1

TC: Total capacity (kW); PI: Power input (kW) (Compressor + outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temp.: °CWB													
			14°C		16°C		18°C		19°C		20°C		22°C		24°C	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	KW	KW
90	10.08	10	6.80	1.01	8.11	1.22	9.42	1.44	10.1	1.55	10.7	1.67	12.0	1.90	13.4	2.14
		12	6.80	1.03	8.11	1.24	9.42	1.46	10.1	1.58	10.7	1.70	12.0	1.94	13.4	2.19
		14	6.80	1.04	8.11	1.26	9.42	1.49	10.1	1.61	10.7	1.73	12.0	1.98	13.4	2.23
		16	6.80	1.06	8.11	1.28	9.42	1.52	10.1	1.64	10.7	1.76	12.0	2.01	13.4	2.27
		18	6.80	1.08	8.11	1.31	9.42	1.55	10.1	1.67	10.7	1.80	12.0	2.05	13.4	2.40
		20	6.80	1.10	8.11	1.33	9.42	1.58	10.1	1.71	10.7	1.86	12.0	2.21	13.4	2.58
		21	6.80	1.11	8.11	1.35	9.42	1.61	10.1	1.76	10.7	1.93	12.0	2.29	13.4	2.67
		23	6.80	1.13	8.11	1.40	9.42	1.72	10.1	1.89	10.7	2.07	12.0	2.45	13.4	2.87
		25	6.80	1.19	8.11	1.50	9.42	1.84	10.1	2.02	10.7	2.21	12.0	2.63	13.4	3.08
		27	6.80	1.27	8.11	1.60	9.42	1.96	10.1	2.16	10.7	2.37	12.0	2.81	13.4	3.29
		29	6.80	1.35	8.11	1.70	9.42	2.09	10.1	2.31	10.7	2.53	12.0	3.00	13.4	3.52
		31	6.80	1.44	8.11	1.81	9.42	2.23	10.1	2.46	10.7	2.70	12.0	3.21	13.4	3.77
		33	6.80	1.53	8.11	1.93	9.42	2.38	10.1	2.62	10.7	2.88	12.0	3.43	13.4	4.02
		35	6.80	1.62	8.11	2.05	9.42	2.53	10.1	2.79	10.7	3.07	12.0	3.66	13.2	4.17
		37	6.80	1.72	8.11	2.18	9.42	2.70	10.1	2.98	10.7	3.27	12.0	3.90	12.9	4.32
		39	6.80	1.82	8.11	2.32	9.42	2.87	10.1	3.17	10.7	3.48	12.0	4.16	12.7	4.47
80	8.96	10	6.05	0.90	7.21	1.07	8.38	1.26	8.96	1.36	9.54	1.46	10.7	1.66	11.9	1.87
		12	6.05	0.91	7.21	1.09	8.38	1.28	8.96	1.38	9.54	1.48	10.7	1.69	11.9	1.91
		14	6.05	0.92	7.21	1.11	8.38	1.31	8.96	1.41	9.54	1.51	10.7	1.72	11.9	1.94
		16	6.05	0.94	7.21	1.13	8.38	1.33	8.96	1.43	9.54	1.54	10.7	1.76	11.9	1.98
		18	6.05	0.96	7.21	1.15	8.38	1.36	8.96	1.46	9.54	1.57	10.7	1.79	11.9	2.02
		20	6.05	0.97	7.21	1.17	8.38	1.38	8.96	1.49	9.54	1.60	10.7	1.86	11.9	2.16
		21	6.05	0.98	7.21	1.18	8.38	1.40	8.96	1.51	9.54	1.63	10.7	1.92	11.9	2.24
		23	6.05	1.00	7.21	1.21	8.38	1.46	8.96	1.60	9.54	1.75	10.7	2.06	11.9	2.40
		25	6.05	1.03	7.21	1.28	8.38	1.56	8.96	1.71	9.54	1.87	10.7	2.21	11.9	2.57
		27	6.05	1.10	7.21	1.37	8.38	1.67	8.96	1.83	9.54	2.00	10.7	2.36	11.9	2.75
		29	6.05	1.17	7.21	1.46	8.38	1.78	8.96	1.95	9.54	2.13	10.7	2.52	11.9	2.94
		31	6.05	1.24	7.21	1.55	8.38	1.89	8.96	2.08	9.54	2.27	10.7	2.69	11.9	3.14
		33	6.05	1.32	7.21	1.65	8.38	2.01	8.96	2.21	9.54	2.42	10.7	2.87	11.9	3.35
		35	6.05	1.40	7.21	1.75	8.38	2.14	8.96	2.36	9.54	2.58	10.7	3.06	11.9	3.57
		37	6.05	1.48	7.21	1.86	8.38	2.28	8.96	2.51	9.54	2.75	10.7	3.26	11.9	3.81
		39	6.05	1.57	7.21	1.97	8.38	2.42	8.96	2.67	9.54	2.92	10.7	3.47	11.9	4.06
70	7.84	10	5.29	0.79	6.31	0.93	7.33	1.09	7.84	1.17	8.35	1.26	9.37	1.43	10.4	1.60
		12	5.29	0.80	6.31	0.95	7.33	1.11	7.84	1.19	8.35	1.28	9.37	1.45	10.4	1.63
		14	5.29	0.81	6.31	0.97	7.33	1.13	7.84	1.21	8.35	1.30	9.37	1.48	10.4	1.67
		16	5.29	0.82	6.31	0.98	7.33	1.15	7.84	1.24	8.35	1.33	9.37	1.51	10.4	1.70
		18	5.29	0.84	6.31	1.00	7.33	1.17	7.84	1.26	8.35	1.35	9.37	1.54	10.4	1.73
		20	5.29	0.85	6.31	1.02	7.33	1.19	7.84	1.28	8.35	1.38	9.37	1.57	10.4	1.78
		21	5.29	0.86	6.31	1.03	7.33	1.20	7.84	1.30	8.35	1.39	9.37	1.59	10.4	1.84
		23	5.29	0.87	6.31	1.05	7.33	1.23	7.84	1.34	8.35	1.46	9.37	1.70	10.4	1.97
		25	5.29	0.89	6.31	1.09	7.33	1.31	7.84	1.43	8.35	1.56	9.37	1.82	10.4	2.11
		27	5.29	0.94	6.31	1.16	7.33	1.40	7.84	1.53	8.35	1.66	9.37	1.95	10.4	2.26
		29	5.29	1.00	6.31	1.23	7.33	1.49	7.84	1.62	8.35	1.77	9.37	2.08	10.4	2.41
		31	5.29	1.06	6.31	1.31	7.33	1.58	7.84	1.73	8.35	1.88	9.37	2.21	10.4	2.57
		33	5.29	1.12	6.31	1.39	7.33	1.68	7.84	1.84	8.35	2.01	9.37	2.36	10.4	2.74
		35	5.29	1.19	6.31	1.47	7.33	1.79	7.84	1.96	8.35	2.13	9.37	2.51	10.4	2.92
		37	5.29	1.26	6.31	1.56	7.33	1.90	7.84	2.08	8.35	2.27	9.37	2.67	10.4	3.11
		39	5.29	1.33	6.31	1.65	7.33	2.01	7.84	2.21	8.35	2.41	9.37	2.84	10.4	3.31
60	6.72	10	4.54	0.68	5.41	0.80	6.28	0.93	6.72	1.00	7.16	1.06	8.03	1.20	8.90	1.35
		12	4.54	0.69	5.41	0.82	6.28	0.95	6.72	1.01	7.16	1.08	8.03	1.22	8.90	1.37
		14	4.54	0.70	5.41	0.83	6.28	0.96	6.72	1.03	7.16	1.10	8.03	1.25	8.90	1.40
		16	4.54	0.72	5.41	0.84	6.28	0.98	6.72	1.05	7.16	1.12	8.03	1.27	8.90	1.42
		18	4.54	0.73	5.41	0.86	6.28	0.99	6.72	1.07	7.16	1.14	8.03	1.29	8.90	1.45
		20	4.54	0.74	5.41	0.87	6.28	1.01	6.72	1.09	7.16	1.16	8.03	1.32	8.90	1.48
		21	4.54	0.74	5.41	0.88	6.28	1.02	6.72	1.10	7.16	1.17	8.03	1.33	8.90	1.49
		23	4.54	0.76	5.41	0.89	6.28	1.04	6.72	1.12	7.16	1.20	8.03	1.38	8.90	1.59
		25	4.54	0.77	5.41	0.91	6.28	1.08	6.72	1.17	7.16	1.27	8.03	1.48	8.90	1.70
		27	4.54	0.80	5.41	0.96	6.28	1.15	6.72	1.25	7.16	1.35	8.03	1.57	8.90	1.81
		29	4.54	0.84	5.41	1.02	6.28	1.22	6.72	1.33	7.16	1.44	8.03	1.68	8.90	1.93
		31	4.54	0.89	5.41	1.09	6.28	1.30	6.72	1.41	7.16	1.53	8.03	1.79	8.90	2.06
		33	4.54	0.94	5.41	1.15	6.28	1.38	6.72	1.50	7.16	1.63	8.03	1.90	8.90	2.19
		35	4.54	1.00	5.41	1.22	6.28	1.46	6.72	1.59	7.16	1.73	8.03	2.02	8.90	2.33
		37	4.54	1.06	5.41	1.29	6.28	1.55	6.72	1.69	7.16	1.84	8.03	2.15	8.90	2.48
		39	4.54	1.12	5.41	1.37	6.28	1.65	6.72	1.79	7.16	1.95	8.03	2.28	8.90	2.64
50	5.60	10	3.78	0.59	4.51	0.68	5.24	0.78	5.60	0.83	5.96	0.88	6.69	0.99	7.42	1.10
		12	3.78	0.60	4.51	0.69	5.24	0.79	5.60	0.84	5.96	0.90	6.69	1.01	7.42	1.12
		14	3.78	0.60	4.51	0.70	5.24	0.80	5.60	0.86	5.96	0.91	6.69	1.03	7.42	1.14
		16	3.78	0.61	4.51	0.71	5.24	0.82	5.60	0.87	5.96	0.93	6.69	1.04	7.42	1.16
		18	3.78	0.62	4.51	0.72	5.24	0.83	5.60	0.89	5.96	0.94	6.69	1.06	7.42	1.19
		20	3.78	0.63	4.51	0.73	5.24	0.84	5.60	0.90	5.96	0.96	6.69	1.08	7.42	1.21
		21	3.78	0.63	4.51	0.74	5.24	0.85	5.60	0.91	5.96	0.97	6.69	1.09	7.42	1.22
		23	3.78	0.64	4.51	0.75	5.24	0.87	5.60	0.93	5.96	0.99	6.69	1.11	7.42	1.25
		25	3.78	0.65	4.51	0.76	5.24	0.88	5.60	0.94	5.96	1.02	6.69	1.17	7.42	1.33
		27	3.78	0.66	4.51	0.79	5.24	0.93	5.60	1.00	5.96	1.08	6.69	1.24	7.42	1.42
		29	3.78	0.70	4.51	0.84	5.24	0.99	5.60	1.07	5.96	1.15	6.69	1.32	7.42	1.51
		31	3.78	0.74	4.51	0.89	5.24	1.05	5.60	1.13	5.96	1.22	6.69	1.41	7.42	1.61
		33	3.78	0.78	4.51	0.94	5.24	1.11	5.60	1.20	5.96	1.29	6.69	1.49	7.42	1.71
		35	3.78	0.83	4.51	0.99	5.24	1.17	5.60	1.27	5.96	1.37	6.69	1.59	7.42	1.82
		37	3.78	0.87	4.51	1.05	5.24	1.24	5.60	1.35	5.96	1.45	6.69	1.68	7.42	1.93
		39	3.78	0.92	4.51	1.11	5.24	1.31	5.60	1.43	5.96	1.54	6.69	1.78	7.42	2.05

3 Capacity tables

3 - 1 Cooling capacity tables

RXYSQ5PY1

TC: Total capacity (kW); PI: Power input (kW) (Compressor + outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temp.: °CWB													
			14°C		16°C		18°C		19°C		20°C		22°C		24°C	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	KW	KW
130	18.20	10	12.3	1.97	14.6	2.41	17.0	2.86	18.2	3.09	19.1	3.25	19.6	3.11	20.0	2.96
		12	12.3	2.00	14.6	2.45	17.0	2.92	18.2	3.15	18.9	3.23	19.3	3.09	19.8	3.03
		14	12.3	2.04	14.6	2.50	17.0	2.97	18.2	3.21	18.6	3.21	19.1	3.18	19.5	3.21
		16	12.3	2.08	14.6	2.55	17.0	3.03	18.2	3.31	18.4	3.32	18.8	3.35	19.3	3.38
		18	12.3	2.12	14.6	2.60	17.0	3.23	17.9	3.48	18.1	3.49	18.6	3.52	19.0	3.55
		20	12.3	2.16	14.6	2.77	17.0	3.47	17.7	3.65	17.9	3.66	18.3	3.69	18.8	3.73
		21	12.3	2.22	14.6	2.87	17.0	3.60	17.5	3.73	17.8	3.75	18.2	3.78	18.7	3.81
		23	12.3	2.38	14.6	3.07	17.0	3.86	17.3	3.90	17.5	3.92	18.0	3.95	18.4	3.99
		25	12.3	2.55	14.6	3.29	16.8	4.05	17.1	4.07	17.3	4.09	17.7	4.13	18.2	4.16
		27	12.3	2.72	14.6	3.52	16.6	4.22	16.8	4.24	17.0	4.26	17.5	4.30	17.9	4.34
		29	12.3	2.90	14.6	3.76	16.3	4.39	16.6	4.41	16.8	4.44	17.2	4.48	17.7	4.52
		31	12.3	3.09	14.6	4.02	16.1	4.56	16.3	4.59	16.5	4.61	17.0	4.65	17.4	4.70
		33	12.3	3.30	14.6	4.29	15.8	4.74	16.1	4.76	16.3	4.78	16.7	4.83	17.2	4.88
		35	12.3	3.51	14.6	4.58	15.6	4.91	15.8	4.93	16.0	4.96	16.5	5.01	16.9	5.06
		37	12.3	3.74	14.6	4.88	15.3	5.08	15.6	5.11	15.8	5.13	16.2	5.19	16.7	5.24
		39	12.3	3.98	14.6	5.20	15.1	5.26	15.3	5.28	15.5	5.31	16.0	5.37	16.4	5.42
120	16.80	10	11.3	1.80	13.5	2.19	15.7	2.61	16.8	2.82	17.9	3.03	19.3	3.21	19.7	3.08
		12	11.3	1.83	13.5	2.24	15.7	2.66	16.8	2.87	17.9	3.09	19.0	3.19	19.4	3.05
		14	11.3	1.86	13.5	2.28	15.7	2.71	16.8	2.93	17.9	3.15	18.8	3.17	19.2	3.19
		16	11.3	1.90	13.5	2.32	15.7	2.76	16.8	2.99	17.9	3.23	18.5	3.33	18.9	3.36
		18	11.3	1.94	13.5	2.37	15.7	2.86	16.8	3.16	17.9	3.47	18.3	3.50	18.7	3.53
		20	11.3	1.97	13.5	2.46	15.7	3.07	16.8	3.40	17.6	3.64	18.0	3.67	18.4	3.70
		21	11.3	1.99	13.5	2.55	15.7	3.18	16.8	3.53	17.5	3.73	17.9	3.76	18.3	3.79
		23	11.3	2.13	13.5	2.73	15.7	3.41	16.8	3.78	17.2	3.90	17.7	3.93	18.1	3.96
		25	11.3	2.27	13.5	2.92	15.7	3.66	16.8	4.05	17.0	4.07	17.4	4.10	17.8	4.14
		27	11.3	2.43	13.5	3.13	15.7	3.91	16.5	4.22	16.7	4.24	17.2	4.27	17.6	4.31
		29	11.3	2.59	13.5	3.34	15.7	4.18	16.3	4.39	16.5	4.41	16.9	4.45	17.3	4.49
		31	11.3	2.76	13.5	3.56	15.7	4.47	16.0	4.56	16.2	4.58	16.7	4.62	17.1	4.66
		33	11.3	2.94	13.5	3.80	15.6	4.71	15.8	4.73	16.0	4.75	16.4	4.80	16.8	4.84
		35	11.3	3.13	13.5	4.05	15.3	4.88	15.5	4.90	15.8	4.93	16.2	4.97	16.6	5.02
		37	11.3	3.33	13.5	4.32	15.1	5.05	15.3	5.08	15.5	5.10	15.9	5.15	16.3	5.20
		39	11.3	3.54	13.5	4.60	14.8	5.23	15.1	5.25	15.3	5.28	15.7	5.33	16.1	5.38
110	15.40	10	10.4	1.63	12.4	1.99	14.4	2.36	15.4	2.55	16.4	2.74	18.4	3.13	19.3	3.19
		12	10.4	1.66	12.4	2.02	14.4	2.40	15.4	2.60	16.4	2.80	18.4	3.19	19.1	3.17
		14	10.4	1.69	12.4	2.06	14.4	2.45	15.4	2.65	16.4	2.85	18.4	3.25	18.8	3.17
		16	10.4	1.72	12.4	2.10	14.4	2.50	15.4	2.70	16.4	2.90	18.2	3.31	18.6	3.34
		18	10.4	1.76	12.4	2.14	14.4	2.55	15.4	2.77	16.4	3.05	18.0	3.48	18.3	3.51
		20	10.4	1.79	12.4	2.19	14.4	2.70	15.4	2.98	16.4	3.28	17.7	3.65	18.1	3.68
		21	10.4	1.81	12.4	2.25	14.4	2.79	15.4	3.09	16.4	3.40	17.6	3.73	18.0	3.76
		23	10.4	1.89	12.4	2.41	14.4	3.00	15.4	3.31	16.4	3.65	17.3	3.90	17.7	3.93
		25	10.4	2.02	12.4	2.58	14.4	3.21	15.4	3.55	16.4	3.91	17.1	4.07	17.5	4.11
		27	10.4	2.15	12.4	2.75	14.4	3.43	15.4	3.80	16.4	4.18	16.8	4.25	17.2	4.28
		29	10.4	2.30	12.4	2.94	14.4	3.67	15.4	4.06	16.2	4.38	16.6	4.42	17.0	4.45
		31	10.4	2.45	12.4	3.14	14.4	3.91	15.4	4.34	16.0	4.55	16.3	4.59	16.7	4.63
		33	10.4	2.60	12.4	3.34	14.4	4.18	15.4	4.63	15.7	4.72	16.1	4.76	16.5	4.80
		35	10.4	2.77	12.4	3.56	14.4	4.46	15.3	4.88	15.5	4.90	15.8	4.94	16.2	4.98
		37	10.4	2.94	12.4	3.79	14.4	4.75	15.0	5.05	15.2	5.07	15.6	5.11	16.0	5.16
		39	10.4	3.13	12.4	4.04	14.4	5.06	14.8	5.22	15.0	5.24	15.4	5.29	15.7	5.33
100	14.00	10	9.45	1.47	11.3	1.78	13.1	2.11	14.0	2.28	14.9	2.46	16.7	2.81	18.6	3.16
		12	9.45	1.50	11.3	1.82	13.1	2.15	14.0	2.33	14.9	2.50	16.7	2.86	18.6	3.22
		14	9.45	1.52	11.3	1.85	13.1	2.19	14.0	2.37	14.9	2.55	16.7	2.91	18.5	3.26
		16	9.45	1.55	11.3	1.89	13.1	2.24	14.0	2.42	14.9	2.60	16.7	2.97	18.2	3.31
		18	9.45	1.58	11.3	1.92	13.1	2.28	14.0	2.47	14.9	2.65	16.7	3.14	18.0	3.48
		20	9.45	1.61	11.3	1.96	13.1	2.35	14.0	2.59	14.9	2.84	16.7	3.38	17.7	3.65
		21	9.45	1.63	11.3	1.98	13.1	2.43	14.0	2.68	14.9	2.94	16.7	3.50	17.6	3.74
		23	9.45	1.67	11.3	2.11	13.1	2.61	14.0	2.87	14.9	3.16	16.7	3.76	17.4	3.91
		25	9.45	1.78	11.3	2.26	13.1	2.79	14.0	3.08	14.9	3.38	16.7	4.03	17.1	4.08
		27	9.45	1.90	11.3	2.41	13.1	2.98	14.0	3.29	14.9	3.62	16.5	4.22	16.9	4.25
		29	9.45	2.02	11.3	2.57	13.1	3.18	14.0	3.52	14.9	3.86	16.3	4.39	16.6	4.42
		31	9.45	2.15	11.3	2.74	13.1	3.40	14.0	3.75	14.9	4.13	16.0	4.56	16.4	4.59
		33	9.45	2.29	11.3	2.91	13.1	3.62	14.0	4.00	14.9	4.41	15.8	4.73	16.1	4.77
		35	9.45	2.43	11.3	3.10	13.1	3.86	14.0	4.27	14.9	4.70	15.5	4.90	15.9	4.94
		37	9.45	2.58	11.3	3.30	13.1	4.11	14.0	4.55	14.9	5.01	15.3	5.08	15.6	5.12
		39	9.45	2.74	11.3	3.51	13.1	4.38	14.0	4.85	14.7	5.21	15.0	5.25	15.4	5.29

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

RXYSQ5PY1

TC: Total capacity (kW); PI: Power input (kW) (Compressor + outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temp.: °CWB													
			14°C		16°C		18°C		19°C		20°C		22°C		24°C	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	KW	KW
90	12.60	10	8.50	1.32	10.1	1.59	11.8	1.88	12.6	2.02	13.4	2.18	15.1	2.48	16.7	2.80
		12	8.50	1.34	10.1	1.62	11.8	1.91	12.6	2.06	13.4	2.22	15.1	2.53	16.7	2.85
		14	8.50	1.36	10.1	1.65	11.8	1.95	12.6	2.10	13.4	2.26	15.1	2.58	16.7	2.91
		16	8.50	1.39	10.1	1.68	11.8	1.98	12.6	2.14	13.4	2.30	15.1	2.63	16.7	2.96
		18	8.50	1.41	10.1	1.71	11.8	2.02	12.6	2.18	13.4	2.35	15.1	2.68	16.7	3.13
		20	8.50	1.44	10.1	1.74	11.8	2.06	12.6	2.23	13.4	2.44	15.1	2.88	16.7	3.37
		21	8.50	1.45	10.1	1.76	11.8	2.10	12.6	2.30	13.4	2.52	15.1	2.99	16.7	3.49
		23	8.50	1.48	10.1	1.83	11.8	2.24	12.6	2.47	13.4	2.70	15.1	3.20	16.7	3.75
		25	8.50	1.56	10.1	1.95	11.8	2.40	12.6	2.64	13.4	2.89	15.1	3.43	16.7	4.02
		27	8.50	1.66	10.1	2.08	11.8	2.56	12.6	2.82	13.4	3.09	15.1	3.67	16.5	4.22
		29	8.50	1.76	10.1	2.22	11.8	2.73	12.6	3.01	13.4	3.30	15.1	3.92	16.3	4.39
		31	8.50	1.88	10.1	2.37	11.8	2.91	12.6	3.21	13.4	3.52	15.1	4.19	16.0	4.56
		33	8.50	1.99	10.1	2.52	11.8	3.11	12.6	3.42	13.4	3.76	15.1	4.47	15.8	4.73
		35	8.50	2.11	10.1	2.68	11.8	3.31	12.6	3.65	13.4	4.01	15.1	4.77	15.5	4.90
		37	8.50	2.24	10.1	2.85	11.8	3.52	12.6	3.89	13.4	4.27	15.0	5.04	15.3	5.08
		39	8.50	2.38	10.1	3.02	11.8	3.75	12.6	4.14	13.4	4.55	14.7	5.21	15.0	5.25
80	11.20	10	7.56	1.17	9.02	1.40	10.5	1.64	11.2	1.77	11.9	1.90	13.4	2.17	14.8	2.44
		12	7.56	1.19	9.02	1.42	10.5	1.67	11.2	1.80	11.9	1.94	13.4	2.21	14.8	2.49
		14	7.56	1.21	9.02	1.45	10.5	1.71	11.2	1.84	11.9	1.97	13.4	2.25	14.8	2.54
		16	7.56	1.23	9.02	1.48	10.5	1.74	11.2	1.87	11.9	2.01	13.4	2.30	14.8	2.59
		18	7.56	1.25	9.02	1.50	10.5	1.77	11.2	1.91	11.9	2.05	13.4	2.34	14.8	2.64
		20	7.56	1.27	9.02	1.53	10.5	1.80	11.2	1.95	11.9	2.09	13.4	2.43	14.8	2.82
		21	7.56	1.28	9.02	1.54	10.5	1.82	11.2	1.97	11.9	2.13	13.4	2.51	14.8	2.92
		23	7.56	1.31	9.02	1.57	10.5	1.91	11.2	2.09	11.9	2.28	13.4	2.69	14.8	3.13
		25	7.56	1.35	9.02	1.68	10.5	2.04	11.2	2.24	11.9	2.44	13.4	2.88	14.8	3.36
		27	7.56	1.43	9.02	1.79	10.5	2.18	11.2	2.39	11.9	2.61	13.4	3.08	14.8	3.59
		29	7.56	1.52	9.02	1.90	10.5	2.32	11.2	2.55	11.9	2.78	13.4	3.29	14.8	3.84
		31	7.56	1.62	9.02	2.02	10.5	2.47	11.2	2.71	11.9	2.97	13.4	3.51	14.8	4.10
		33	7.56	1.72	9.02	2.15	10.5	2.63	11.2	2.89	11.9	3.16	13.4	3.74	14.8	4.38
		35	7.56	1.82	9.02	2.28	10.5	2.80	11.2	3.08	11.9	3.37	13.4	3.99	14.8	4.67
		37	7.56	1.93	9.02	2.42	10.5	2.98	11.2	3.27	11.9	3.58	13.4	4.25	14.8	4.98
		39	7.56	2.05	9.02	2.57	10.5	3.16	11.2	3.48	11.9	3.82	13.4	4.53	14.7	5.21
70	9.80	10	6.61	1.03	7.89	1.22	9.16	1.42	9.80	1.53	10.4	1.64	11.7	1.86	13.0	2.09
		12	6.61	1.04	7.89	1.24	9.16	1.45	9.80	1.56	10.4	1.67	11.7	1.90	13.0	2.13
		14	6.61	1.06	7.89	1.26	9.16	1.47	9.80	1.59	10.4	1.70	11.7	1.93	13.0	2.17
		16	6.61	1.08	7.89	1.28	9.16	1.50	9.80	1.61	10.4	1.73	11.7	1.97	13.0	2.22
		18	6.61	1.09	7.89	1.31	9.16	1.53	9.80	1.64	10.4	1.76	11.7	2.01	13.0	2.26
		20	6.61	1.11	7.89	1.33	9.16	1.56	9.80	1.68	10.4	1.80	11.7	2.05	13.0	2.32
		21	6.61	1.12	7.89	1.34	9.16	1.57	9.80	1.69	10.4	1.82	11.7	2.08	13.0	2.41
		23	6.61	1.14	7.89	1.37	9.16	1.60	9.80	1.75	10.4	1.90	11.7	2.23	13.0	2.58
		25	6.61	1.16	7.89	1.42	9.16	1.71	9.80	1.87	10.4	2.03	11.7	2.38	13.0	2.76
		27	6.61	1.23	7.89	1.51	9.16	1.82	9.80	1.99	10.4	2.17	11.7	2.54	13.0	2.95
		29	6.61	1.30	7.89	1.61	9.16	1.94	9.80	2.12	10.4	2.31	11.7	2.71	13.0	3.15
		31	6.61	1.38	7.89	1.71	9.16	2.07	9.80	2.26	10.4	2.46	11.7	2.89	13.0	3.36
		33	6.61	1.47	7.89	1.81	9.16	2.20	9.80	2.40	10.4	2.62	11.7	3.08	13.0	3.58
		35	6.61	1.55	7.89	1.92	9.16	2.33	9.80	2.55	10.4	2.79	11.7	3.28	13.0	3.81
		37	6.61	1.64	7.89	2.04	9.16	2.48	9.80	2.71	10.4	2.96	11.7	3.49	13.0	4.06
		39	6.61	1.74	7.89	2.16	9.16	2.63	9.80	2.88	10.4	3.15	11.7	3.71	13.0	4.33
60	8.40	10	5.67	0.89	6.76	1.05	7.85	1.21	8.40	1.30	8.95	1.39	10.0	1.57	11.1	1.76
		12	5.67	0.91	6.76	1.07	7.85	1.23	8.40	1.32	8.95	1.41	10.0	1.60	11.1	1.79
		14	5.67	0.92	6.76	1.08	7.85	1.26	8.40	1.35	8.95	1.44	10.0	1.63	11.1	1.83
		16	5.67	0.93	6.76	1.10	7.85	1.28	8.40	1.37	8.95	1.46	10.0	1.66	11.1	1.86
		18	5.67	0.95	6.76	1.12	7.85	1.30	8.40	1.39	8.95	1.49	10.0	1.69	11.1	1.90
		20	5.67	0.96	6.76	1.14	7.85	1.32	8.40	1.42	8.95	1.52	10.0	1.72	11.1	1.93
		21	5.67	0.97	6.76	1.15	7.85	1.33	8.40	1.43	8.95	1.53	10.0	1.74	11.1	1.95
		23	5.67	0.99	6.76	1.17	7.85	1.36	8.40	1.46	8.95	1.56	10.0	1.81	11.1	2.08
		25	5.67	1.00	6.76	1.19	7.85	1.41	8.40	1.53	8.95	1.66	10.0	1.93	11.1	2.22
		27	5.67	1.04	6.76	1.26	7.85	1.50	8.40	1.63	8.95	1.77	10.0	2.06	11.1	2.37
		29	5.67	1.10	6.76	1.34	7.85	1.60	8.40	1.74	8.95	1.88	10.0	2.19	11.1	2.52
		31	5.67	1.17	6.76	1.42	7.85	1.70	8.40	1.85	8.95	2.00	10.0	2.33	11.1	2.69
		33	5.67	1.23	6.76	1.50	7.85	1.80	8.40	1.96	8.95	2.13	10.0	2.48	11.1	2.86
		35	5.67	1.30	6.76	1.59	7.85	1.91	8.40	2.08	8.95	2.26	10.0	2.64	11.1	3.05
		37	5.67	1.38	6.76	1.69	7.85	2.03	8.40	2.21	8.95	2.40	10.0	2.81	11.1	3.24
		39	5.67	1.46	6.76	1.78	7.85	2.15	8.40	2.34	8.95	2.55	10.0	2.98	11.1	3.45
50	7.00	10	4.72	0.77	5.63	0.89	6.54	1.02	7.00	1.08	7.46	1.15	8.37	1.30	9.28	1.44
		12	4.72	0.78	5.63	0.90	6.54	1.03	7.00	1.10	7.46	1.17	8.37	1.32	9.28	1.47
		14	4.72	0.79	5.63	0.92	6.54	1.05	7.00	1.12	7.46	1.19	8.37	1.34	9.28	1.49
		16	4.72	0.80	5.63	0.93	6.54	1.07	7.00	1.14	7.46	1.21	8.37	1.36	9.28	1.52
		18	4.72	0.81	5.63	0.94	6.54	1.08	7.00	1.16	7.46	1.23	8.37	1.39	9.28	1.55
		20	4.72	0.82	5.63	0.96	6.54	1.10	7.00	1.18	7.46	1.25	8.37	1.41	9.28	1.58
		21	4.72	0.83	5.63	0.97	6.54	1.11	7.00	1.19	7.46	1.26	8.37	1.43	9.28	1.59
		23	4.72	0.84	5.63	0.98	6.54	1.13	7.00	1.21	7.46	1.29	8.37	1.45	9.28	1.63
		25	4.72	0.85	5.63	1.00	6.54	1.15	7.00	1.23	7.46	1.33	8.37	1.53	9.28	1.74
		27	4.72	0.87	5.63	1.03	6.54	1.21	7.00	1.31	7.46	1.41	8.37	1.62	9.28	1.85
		29	4.72	0.92	5.63	1.09	6.54	1.29	7.00	1.39	7.46	1.50	8.37	1.73	9.28	1.97
		31	4.72	0.97	5.63	1.16	6.54	1.37	7.00	1.48	7.46	1.59	8.37	1.84	9.28	2.10
		33	4.72	1.02	5.63	1.23	6.54	1.45	7.00	1.57	7.46	1.69	8.37	1.95	9.28	2.23
		35	4.72	1.08	5.63	1.30	6.54	1.53	7.00	1.66	7.46	1.79	8.37	2.07	9.28	2.37
		37	4.72	1.14	5.63	1.37	6.54	1.62	7.00	1.76	7.46	1.90	8.37	2.20	9.28	2.52
		39	4.72	1.20	5.63	1.45	6.54	1.72	7.00	1.86	7.46	2.01	8.37	2.33	9.28	2.67

3 Capacity tables

3 - 1 Cooling capacity tables

RXYSQ6PY1

TC: Total capacity (kW); PI: Power input (kW) (Compressor + outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temp.: °CWB													
			14°C		16°C		18°C		19°C		20°C		22°C		24°C	
			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	20.15	10	13.6	2.17	16.2	2.66	18.8	3.16	20.2	3.42	20.4	3.35	20.9	3.21	21.4	3.06
		12	13.6	2.21	16.2	2.71	18.8	3.22	19.9	3.40	20.1	3.33	20.6	3.19	21.1	3.13
		14	13.6	2.26	16.2	2.76	18.8	3.29	19.6	3.38	19.9	3.31	20.4	3.28	20.9	3.31
		16	13.6	2.30	16.2	2.82	18.8	3.35	19.4	3.41	19.6	3.43	20.1	3.46	20.6	3.49
		18	13.6	2.34	16.2	2.87	18.8	3.57	19.1	3.59	19.3	3.60	19.8	3.64	20.3	3.67
		20	13.6	2.39	16.2	3.06	18.6	3.75	18.8	3.76	19.1	3.78	19.6	3.82	20.1	3.85
		21	13.6	2.46	16.2	3.17	18.5	3.83	18.7	3.85	19.0	3.87	19.4	3.90	19.9	3.94
		23	13.6	2.63	16.2	3.40	18.2	4.01	18.4	4.03	18.7	4.05	19.2	4.08	19.7	4.12
		25	13.6	2.81	16.2	3.64	17.9	4.18	18.2	4.20	18.4	4.22	18.9	4.26	19.4	4.30
		27	13.6	3.01	16.2	3.89	17.7	4.36	17.9	4.38	18.2	4.40	18.7	4.44	19.1	4.49
		29	13.6	3.21	16.2	4.16	17.4	4.53	17.7	4.56	17.9	4.58	18.4	4.63	18.9	4.67
		31	13.6	3.42	16.2	4.44	17.2	4.71	17.4	4.73	17.6	4.76	18.1	4.81	18.6	4.86
		33	13.6	3.65	16.2	4.74	16.9	4.89	17.1	4.91	17.4	4.94	17.9	4.99	18.4	5.04
		35	13.6	3.88	16.1	5.01	16.6	5.07	16.9	5.09	17.1	5.12	17.6	5.18	18.1	5.23
		37	13.6	4.14	15.9	5.19	16.4	5.25	16.6	5.27	16.9	5.30	17.3	5.36	17.8	5.42
		39	13.6	4.40	15.6	5.37	16.1	5.43	16.3	5.46	16.6	5.49	17.1	5.55	17.6	5.61
120	18.60	10	12.6	1.99	15.0	2.43	17.4	2.88	18.6	3.12	19.8	3.35	20.5	3.31	21.0	3.18
		12	12.6	2.02	15.0	2.47	17.4	2.94	18.6	3.18	19.8	3.42	20.3	3.29	20.7	3.15
		14	12.6	2.06	15.0	2.52	17.4	3.00	18.6	3.24	19.6	3.40	20.0	3.27	20.5	3.29
		16	12.6	2.10	15.0	2.57	17.4	3.05	18.6	3.30	19.3	3.41	19.8	3.44	20.2	3.47
		18	12.6	2.14	15.0	2.62	17.4	3.16	18.6	3.50	19.0	3.58	19.5	3.61	19.9	3.64
		20	12.6	2.18	15.0	2.72	17.4	3.39	18.6	3.74	18.8	3.76	19.2	3.79	19.7	3.82
		21	12.6	2.20	15.0	2.82	17.4	3.52	18.4	3.83	18.6	3.85	19.1	3.88	19.6	3.91
		23	12.6	2.35	15.0	3.02	17.4	3.77	18.2	4.00	18.4	4.02	18.8	4.06	19.3	4.09
		25	12.6	2.51	15.0	3.23	17.4	4.04	17.9	4.18	18.1	4.20	18.6	4.23	19.0	4.27
		27	12.6	2.68	15.0	3.46	17.4	4.33	17.6	4.35	17.9	4.37	18.3	4.41	18.8	4.45
		29	12.6	2.86	15.0	3.69	17.1	4.51	17.4	4.53	17.6	4.55	18.0	4.59	18.5	4.64
		31	12.6	3.05	15.0	3.94	16.9	4.68	17.1	4.71	17.3	4.73	17.8	4.77	18.2	4.82
		33	12.6	3.25	15.0	4.20	16.6	4.86	16.8	4.88	17.1	4.91	17.5	4.95	18.0	5.00
		35	12.6	3.46	15.0	4.48	16.4	5.04	16.6	5.06	16.8	5.09	17.3	5.14	17.7	5.19
		37	12.6	3.68	15.0	4.77	16.1	5.21	16.3	5.24	16.5	5.27	17.0	5.32	17.5	5.37
		39	12.6	3.92	15.0	5.09	15.8	5.39	16.1	5.42	16.3	5.45	16.7	5.50	17.2	5.56
110	17.05	10	11.5	1.80	13.7	2.20	15.9	2.61	17.1	2.82	18.2	3.03	20.2	3.41	20.6	3.29
		12	11.5	1.84	13.7	2.24	15.9	2.66	17.1	2.87	18.2	3.09	19.9	3.39	20.3	3.27
		14	11.5	1.87	13.7	2.28	15.9	2.71	17.1	2.93	18.2	3.15	19.7	3.37	20.1	3.27
		16	11.5	1.90	13.7	2.32	15.9	2.76	17.1	2.98	18.2	3.21	19.4	3.42	19.8	3.44
		18	11.5	1.94	13.7	2.37	15.9	2.82	17.1	3.07	18.2	3.37	19.1	3.59	19.6	3.62
		20	11.5	1.98	13.7	2.42	15.9	2.98	17.1	3.30	18.2	3.62	18.9	3.77	19.3	3.80
		21	11.5	2.00	13.7	2.49	15.9	3.09	17.1	3.41	18.2	3.76	18.8	3.85	19.2	3.88
		23	11.5	2.09	13.7	2.67	15.9	3.31	17.1	3.66	18.1	4.00	18.5	4.03	18.9	4.06
		25	11.5	2.23	13.7	2.85	15.9	3.55	17.1	3.92	17.8	4.17	18.2	4.21	18.6	4.24
		27	11.5	2.38	13.7	3.05	15.9	3.79	17.1	4.20	17.6	4.35	18.0	4.38	18.4	4.42
		29	11.5	2.54	13.7	3.25	15.9	4.05	17.1	4.49	17.3	4.52	17.7	4.56	18.1	4.60
		31	11.5	2.70	13.7	3.47	15.9	4.33	16.8	4.68	17.0	4.70	17.4	4.74	17.9	4.78
		33	11.5	2.88	13.7	3.70	15.9	4.62	16.6	4.85	16.8	4.87	17.2	4.92	17.6	4.96
		35	11.5	3.06	13.7	3.94	15.9	4.93	16.3	5.03	16.5	5.05	16.9	5.10	17.3	5.14
		37	11.5	3.25	13.7	4.19	15.8	5.18	16.0	5.21	16.2	5.23	16.7	5.28	17.1	5.33
		39	11.5	3.46	13.7	4.46	15.6	5.36	15.8	5.39	16.0	5.41	16.4	5.46	16.8	5.51
100	15.50	10	10.5	1.63	12.5	1.97	14.5	2.34	15.5	2.52	16.5	2.72	18.5	3.10	20.2	3.40
		12	10.5	1.65	12.5	2.01	14.5	2.38	15.5	2.57	16.5	2.77	18.5	3.16	20.0	3.38
		14	10.5	1.68	12.5	2.05	14.5	2.43	15.5	2.62	16.5	2.82	18.5	3.22	19.7	3.36
		16	10.5	1.71	12.5	2.08	14.5	2.47	15.5	2.67	16.5	2.87	18.5	3.28	19.4	3.42
		18	10.5	1.75	12.5	2.12	14.5	2.52	15.5	2.73	16.5	2.93	18.5	3.47	19.2	3.59
		20	10.5	1.78	12.5	2.17	14.5	2.60	15.5	2.86	16.5	3.14	18.5	3.74	18.9	3.77
		21	10.5	1.80	12.5	2.19	14.5	2.69	15.5	2.96	16.5	3.25	18.4	3.83	18.8	3.86
		23	10.5	1.84	12.5	2.33	14.5	2.88	15.5	3.18	16.5	3.49	18.1	4.00	18.5	4.03
		25	10.5	1.97	12.5	2.49	14.5	3.08	15.5	3.40	16.5	3.74	17.9	4.18	18.3	4.21
		27	10.5	2.10	12.5	2.66	14.5	3.29	15.5	3.64	16.5	4.00	17.6	4.35	18.0	4.39
		29	10.5	2.23	12.5	2.84	14.5	3.52	15.5	3.89	16.5	4.27	17.4	4.53	17.7	4.56
		31	10.5	2.38	12.5	3.03	14.5	3.75	15.5	4.15	16.5	4.56	17.1	4.70	17.5	4.74
		33	10.5	2.53	12.5	3.22	14.5	4.00	15.5	4.43	16.5	4.84	16.8	4.88	17.2	4.92
		35	10.5	2.69	12.5	3.43	14.5	4.27	15.5	4.72	16.2	5.02	16.6	5.06	16.9	5.10
		37	10.5	2.85	12.5	3.65	14.5	4.55	15.5	5.03	15.9	5.20	16.3	5.24	16.7	5.28
		39	10.5	3.03	12.5	3.88	14.5	4.84	15.5	5.35	15.7	5.37	16.0	5.42	16.4	5.47

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

RXYSQ6PY1

TC: Total capacity (kW); PI: Power input (kW) (Compressor + outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temp.: °CWB													
			14°C		16°C		18°C		19°C		20°C		22°C		24°C	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	KW	KW
90	13.95	10	9.41	1.46	11.2	1.76	13.0	2.07	14.0	2.24	14.9	2.40	16.7	2.75	18.5	3.10
		12	9.41	1.48	11.2	1.79	13.0	2.11	14.0	2.28	14.9	2.45	16.7	2.80	18.5	3.15
		14	9.41	1.51	11.2	1.82	13.0	2.15	14.0	2.32	14.9	2.50	16.7	2.85	18.5	3.21
		16	9.41	1.53	11.2	1.85	13.0	2.19	14.0	2.37	14.9	2.54	16.7	2.91	18.5	3.28
		18	9.41	1.56	11.2	1.89	13.0	2.23	14.0	2.41	14.9	2.59	16.7	2.97	18.5	3.46
		20	9.41	1.59	11.2	1.92	13.0	2.28	14.0	2.46	14.9	2.69	16.7	3.19	18.5	3.72
		21	9.41	1.60	11.2	1.94	13.0	2.32	14.0	2.55	14.9	2.79	16.7	3.30	18.4	3.83
		23	9.41	1.63	11.2	2.02	13.0	2.48	14.0	2.73	14.9	2.99	16.7	3.54	18.1	4.00
		25	9.41	1.72	11.2	2.16	13.0	2.65	14.0	2.92	14.9	3.20	16.7	3.79	17.9	4.18
		27	9.41	1.83	11.2	2.30	13.0	2.83	14.0	3.12	14.9	3.42	16.7	4.06	17.6	4.35
		29	9.41	1.95	11.2	2.46	13.0	3.02	14.0	3.33	14.9	3.65	16.7	4.34	17.3	4.53
		31	9.41	2.07	11.2	2.61	13.0	3.22	14.0	3.55	14.9	3.89	16.7	4.63	17.1	4.70
		33	9.41	2.20	11.2	2.78	13.0	3.43	14.0	3.78	14.9	4.15	16.5	4.85	16.8	4.88
		35	9.41	2.34	11.2	2.96	13.0	3.66	14.0	4.03	14.9	4.43	16.2	5.02	16.6	5.06
		37	9.41	2.48	11.2	3.15	13.0	3.89	14.0	4.29	14.9	4.72	16.0	5.20	16.3	5.24
		39	9.41	2.63	11.2	3.34	13.0	4.14	14.0	4.57	14.9	5.03	15.7	5.38	16.0	5.42
80	12.40	10	8.37	1.29	10.0	1.55	11.6	1.82	12.4	1.96	13.2	2.10	14.8	2.40	16.4	2.70
		12	8.37	1.31	10.0	1.57	11.6	1.85	12.4	1.99	13.2	2.14	14.8	2.44	16.4	2.75
		14	8.37	1.33	10.0	1.60	11.6	1.88	12.4	2.03	13.2	2.18	14.8	2.49	16.4	2.80
		16	8.37	1.36	10.0	1.63	11.6	1.92	12.4	2.07	13.2	2.22	14.8	2.54	16.4	2.86
		18	8.37	1.38	10.0	1.66	11.6	1.96	12.4	2.11	13.2	2.27	14.8	2.59	16.4	2.92
		20	8.37	1.41	10.0	1.69	11.6	1.99	12.4	2.15	13.2	2.31	14.8	2.68	16.4	3.12
		21	8.37	1.42	10.0	1.71	11.6	2.01	12.4	2.17	13.2	2.36	14.8	2.78	16.4	3.23
		23	8.37	1.44	10.0	1.74	11.6	2.11	12.4	2.31	13.2	2.52	14.8	2.98	16.4	3.46
		25	8.37	1.49	10.0	1.85	11.6	2.26	12.4	2.47	13.2	2.70	14.8	3.18	16.4	3.71
		27	8.37	1.59	10.0	1.97	11.6	2.41	12.4	2.64	13.2	2.88	14.8	3.40	16.4	3.97
		29	8.37	1.69	10.0	2.10	11.6	2.56	12.4	2.81	13.2	3.08	14.8	3.64	16.4	4.24
		31	8.37	1.79	10.0	2.23	11.6	2.73	12.4	3.00	13.2	3.28	14.8	3.88	16.4	4.53
		33	8.37	1.90	10.0	2.38	11.6	2.91	12.4	3.19	13.2	3.49	14.8	4.14	16.4	4.84
		35	8.37	2.01	10.0	2.52	11.6	3.09	12.4	3.40	13.2	3.72	14.8	4.41	16.2	5.02
		37	8.37	2.13	10.0	2.68	11.6	3.29	12.4	3.62	13.2	3.96	14.8	4.70	15.9	5.19
		39	8.37	2.26	10.0	2.84	11.6	3.50	12.4	3.85	13.2	4.22	14.8	5.01	15.7	5.37
70	10.85	10	7.32	1.14	8.73	1.35	10.1	1.57	10.9	1.69	11.6	1.81	13.0	2.06	14.4	2.32
		12	7.32	1.15	8.73	1.37	10.1	1.60	10.9	1.72	11.6	1.84	13.0	2.10	14.4	2.36
		14	7.32	1.17	8.73	1.39	10.1	1.63	10.9	1.75	11.6	1.88	13.0	2.14	14.4	2.40
		16	7.32	1.19	8.73	1.42	10.1	1.66	10.9	1.78	11.6	1.91	13.0	2.18	14.4	2.45
		18	7.32	1.21	8.73	1.44	10.1	1.69	10.9	1.82	11.6	1.95	13.0	2.22	14.4	2.50
		20	7.32	1.23	8.73	1.47	10.1	1.72	10.9	1.85	11.6	1.99	13.0	2.26	14.4	2.57
		21	7.32	1.24	8.73	1.48	10.1	1.74	10.9	1.87	11.6	2.01	13.0	2.30	14.4	2.66
		23	7.32	1.26	8.73	1.51	10.1	1.77	10.9	1.93	11.6	2.10	13.0	2.46	14.4	2.85
		25	7.32	1.29	8.73	1.57	10.1	1.89	10.9	2.06	11.6	2.25	13.0	2.63	14.4	3.05
		27	7.32	1.36	8.73	1.67	10.1	2.02	10.9	2.20	11.6	2.40	13.0	2.81	14.4	3.26
		29	7.32	1.44	8.73	1.78	10.1	2.15	10.9	2.34	11.6	2.55	13.0	3.00	14.4	3.48
		31	7.32	1.53	8.73	1.89	10.1	2.28	10.9	2.50	11.6	2.72	13.0	3.19	14.4	3.71
		33	7.32	1.62	8.73	2.00	10.1	2.43	10.9	2.66	11.6	2.89	13.0	3.40	14.4	3.96
		35	7.32	1.72	8.73	2.12	10.1	2.58	10.9	2.82	11.6	3.08	13.0	3.62	14.4	4.22
		37	7.32	1.82	8.73	2.25	10.1	2.74	10.9	3.00	11.6	3.27	13.0	3.86	14.4	4.49
		39	7.32	1.92	8.73	2.39	10.1	2.91	10.9	3.19	11.6	3.48	13.0	4.11	14.4	4.78
60	9.30	10	6.28	0.99	7.49	1.16	8.70	1.34	9.30	1.44	9.90	1.54	11.1	1.74	12.3	1.95
		12	6.28	1.00	7.49	1.18	8.70	1.36	9.30	1.46	9.90	1.56	11.1	1.77	12.3	1.98
		14	6.28	1.02	7.49	1.20	8.70	1.39	9.30	1.49	9.90	1.59	11.1	1.80	12.3	2.02
		16	6.28	1.03	7.49	1.22	8.70	1.41	9.30	1.51	9.90	1.62	11.1	1.83	12.3	2.06
		18	6.28	1.05	7.49	1.24	8.70	1.44	9.30	1.54	9.90	1.65	11.1	1.87	12.3	2.10
		20	6.28	1.06	7.49	1.26	8.70	1.46	9.30	1.57	9.90	1.68	11.1	1.90	12.3	2.14
		21	6.28	1.07	7.49	1.27	8.70	1.48	9.30	1.58	9.90	1.69	11.1	1.92	12.3	2.16
		23	6.28	1.09	7.49	1.29	8.70	1.50	9.30	1.61	9.90	1.73	11.1	2.00	12.3	2.29
		25	6.28	1.11	7.49	1.31	8.70	1.56	9.30	1.70	9.90	1.83	11.1	2.13	12.3	2.45
		27	6.28	1.15	7.49	1.39	8.70	1.66	9.30	1.80	9.90	1.95	11.1	2.27	12.3	2.62
		29	6.28	1.22	7.49	1.48	8.70	1.77	9.30	1.92	9.90	2.08	11.1	2.42	12.3	2.79
		31	6.28	1.29	7.49	1.57	8.70	1.88	9.30	2.04	9.90	2.21	11.1	2.58	12.3	2.97
		33	6.28	1.36	7.49	1.66	8.70	1.99	9.30	2.17	9.90	2.35	11.1	2.74	12.3	3.17
		35	6.28	1.44	7.49	1.76	8.70	2.11	9.30	2.30	9.90	2.50	11.1	2.92	12.3	3.37
		37	6.28	1.52	7.49	1.86	8.70	2.24	9.30	2.44	9.90	2.65	11.1	3.10	12.3	3.59
		39	6.28	1.61	7.49	1.97	8.70	2.37	9.30	2.59	9.90	2.82	11.1	3.30	12.3	3.81
50	7.75	10	5.23	0.85	6.24	0.98	7.25	1.13	7.75	1.20	8.25	1.27	9.26	1.43	10.3	1.59
		12	5.23	0.86	6.24	1.00	7.25	1.14	7.75	1.22	8.25	1.30	9.26	1.46	10.3	1.62
		14	5.23	0.87	6.24	1.01	7.25	1.16	7.75	1.24	8.25	1.32	9.26	1.48	10.3	1.65
		16	5.23	0.88	6.24	1.03	7.25	1.18	7.75	1.26	8.25	1.34	9.26	1.51	10.3	1.68
		18	5.23	0.90	6.24	1.04	7.25	1.20	7.75	1.28	8.25	1.36	9.26	1.53	10.3	1.71
		20	5.23	0.91	6.24	1.06	7.25	1.22	7.75	1.30	8.25	1.39	9.26	1.56	10.3	1.74
		21	5.23	0.92	6.24	1.07	7.25	1.23	7.75	1.31	8.25	1.40	9.26	1.58	10.3	1.76
		23	5.23	0.93	6.24	1.08	7.25	1.25	7.75	1.34	8.25	1.42	9.26	1.61	10.3	1.80
		25	5.23	0.94	6.24	1.10	7.25	1.27	7.75	1.36	8.25	1.47	9.26	1.69	10.3	1.92
		27	5.23	0.96	6.24	1.14	7.25	1.34	7.75	1.45	8.25	1.56	9.26	1.80	10.3	2.05
		29	5.23	1.01	6.24	1.21	7.25	1.42	7.75	1.54	8.25	1.66	9.26	1.91	10.3	2.18
		31	5.23	1.07	6.24	1.28	7.25	1.51	7.75	1.63	8.25	1.76	9.26	2.03	10.3	2.32
		33	5.23	1.13	6.24	1.36	7.25	1.60	7.75	1.73	8.25	1.87	9.26	2.16	10.3	2.47
		35	5.23	1.19	6.24	1.43	7.25	1.69	7.75	1.83	8.25	1.98	9.26	2.29	10.3	2.62
		37	5.23	1.26	6.24	1.51	7.25	1.79	7.75	1.94	8.25	2.10	9.26	2.43	10.3	2.78
		39	5.23	1.33	6.24	1.60	7.25	1.90	7.75	2.06	8.25	2.22	9.26	2.58	10.3	2.96

3 Capacity tables

3 - 2 Heating capacity tables

RXYSQ4PY1

TC: Total capacity (kW); PI: Power input (kW) (Compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temp.: °CDB											
				16°C		18°C		20°C		21°C		22°C		24°C	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	16.25	-19.8	-20	10.2	4.07	10.2	4.23	10.1	4.40	10.1	4.48	10.1	4.56	10.1	4.72
		-18.8	-19	10.5	4.16	10.5	4.32	10.4	4.48	10.4	4.55	10.4	4.63	10.4	4.79
		-16.7	-17	11.1	4.32	11.1	4.47	11.0	4.62	11.0	4.70	11.0	4.77	11.0	4.92
		-14.7	-15	11.7	4.47	11.7	4.61	11.7	4.75	11.6	4.82	11.6	4.90	11.6	5.04
		-12.6	-13	12.3	4.60	12.3	4.74	12.3	4.87	12.3	4.94	12.2	5.01	12.2	5.14
		-10.5	-11	12.9	4.72	12.9	4.85	12.9	4.98	12.9	5.04	12.8	5.11	12.8	5.24
		-9.5	-10	13.2	4.78	13.2	4.90	13.2	5.03	13.2	5.09	13.2	5.15	13.1	5.28
		-8.5	-9.1	13.5	4.83	13.5	4.95	13.5	5.07	13.4	5.13	13.4	5.19	13.4	5.32
		-7.0	-7.6	14.0	4.90	13.9	5.02	13.9	5.14	13.9	5.20	13.9	5.26	13.9	5.38
		-5.0	-5.6	14.6	5.00	14.6	5.11	14.5	5.22	14.5	5.28	14.5	5.34	14.2	5.26
		-3.0	-3.7	15.2	5.08	15.1	5.19	15.1	5.30	15.1	5.35	15.1	5.41	14.2	5.00
		0.0	-0.7	16.1	5.20	16.1	5.30	16.0	5.40	15.7	5.30	15.2	5.07	14.2	4.63
		3.0	2.2	17.0	5.30	16.9	5.40	16.3	5.15	15.7	4.94	15.2	4.73	14.2	4.32
		5.0	4.1	17.6	5.36	17.3	5.34	16.3	4.93	15.7	4.73	15.2	4.53	14.2	4.14
		7.0	6	18.1	5.42	17.3	5.12	16.3	4.73	15.7	4.54	15.2	4.35	14.2	3.98
		9.0	7.9	18.3	5.30	17.3	4.91	16.3	4.54	15.7	4.36	15.2	4.18	14.2	3.83
		11.0	9.8	18.3	5.09	17.3	4.72	16.3	4.37	15.7	4.19	15.2	4.02	14.2	3.69
		13.0	11.8	18.3	4.89	17.3	4.54	16.3	4.20	15.7	4.03	15.2	3.87	14.2	3.55
		15.0	13.7	18.3	4.71	17.3	4.38	16.3	4.05	15.7	3.89	15.2	3.73	14.2	3.43
120	15.00	-19.8	-20	10.1	4.29	10.1	4.44	10.1	4.59	10.1	4.67	10.1	4.74	10.0	4.90
		-18.8	-19	10.5	4.37	10.4	4.52	10.4	4.67	10.4	4.74	10.4	4.81	10.3	4.96
		-16.7	-17	11.1	4.52	11.0	4.66	11.0	4.80	11.0	4.87	11.0	4.94	11.0	5.08
		-14.7	-15	11.7	4.66	11.6	4.79	11.6	4.92	11.6	4.99	11.6	5.05	11.6	5.19
		-12.6	-13	12.3	4.78	12.3	4.91	12.2	5.03	12.2	5.10	12.2	5.16	12.2	5.28
		-10.5	-11	12.9	4.90	12.9	5.01	12.8	5.13	12.8	5.19	12.8	5.25	12.8	5.37
		-9.5	-10	13.2	4.95	13.2	5.06	13.1	5.18	13.1	5.24	13.1	5.29	13.1	5.39
		-8.5	-9.1	13.5	4.99	13.5	5.11	13.4	5.22	13.4	5.28	13.4	5.33	13.1	5.25
		-7.0	-7.6	13.9	5.06	13.9	5.17	13.9	5.28	13.9	5.34	13.9	5.39	13.1	5.02
		-5.0	-5.6	14.5	5.15	14.5	5.26	14.5	5.36	14.5	5.41	14.0	5.20	13.1	4.75
		-3.0	-3.7	15.1	5.23	15.1	5.33	15.0	5.38	14.5	5.16	14.0	4.94	13.1	4.51
		0.0	-0.7	16.0	5.34	16.0	5.40	15.0	4.98	14.5	4.78	14.0	4.58	13.1	4.19
		3.0	2.2	16.9	5.43	16.0	5.03	15.0	4.65	14.5	4.46	14.0	4.28	13.1	3.92
		5.0	4.1	16.9	5.20	16.0	4.82	15.0	4.45	14.5	4.27	14.0	4.10	13.1	3.76
		7.0	6	16.9	4.98	16.0	4.62	15.0	4.27	14.5	4.10	14.0	3.94	13.1	3.61
		9.0	7.9	16.9	4.78	16.0	4.44	15.0	4.11	14.5	3.95	14.0	3.79	13.1	3.47
		11.0	9.8	16.9	4.60	16.0	4.27	15.0	3.95	14.5	3.80	14.0	3.65	13.1	3.35
		13.0	11.8	16.9	4.42	16.0	4.11	15.0	3.81	14.5	3.66	14.0	3.51	13.1	3.23
		15.0	13.7	16.9	4.26	16.0	3.96	15.0	3.67	14.5	3.53	14.0	3.39	13.1	3.12
110	13.75	-19.8	-20	10.1	4.51	10.1	4.65	10.1	4.79	10.0	4.86	10.0	4.93	10.0	5.07
		-18.8	-19	10.4	4.59	10.4	4.72	10.4	4.86	10.4	4.92	10.3	4.99	10.3	5.13
		-16.7	-17	11.0	4.73	11.0	4.85	11.0	4.98	11.0	5.05	11.0	5.11	10.9	5.24
		-14.7	-15	11.6	4.85	11.6	4.97	11.6	5.09	11.6	5.15	11.6	5.21	11.5	5.33
		-12.6	-13	12.2	4.97	12.2	5.08	12.2	5.19	12.2	5.25	12.2	5.31	12.0	5.30
		-10.5	-11	12.9	5.07	12.8	5.18	12.8	5.29	12.8	5.34	12.8	5.40	12.0	4.97
		-9.5	-10	13.2	5.12	13.1	5.22	13.1	5.33	13.1	5.38	12.9	5.28	12.0	4.82
		-8.5	-9.1	13.4	5.16	13.4	5.26	13.4	5.37	13.3	5.37	12.9	5.14	12.0	4.69
		-7.0	-7.6	13.9	5.22	13.9	5.32	13.8	5.36	13.3	5.14	12.9	4.92	12.0	4.49
		-5.0	-5.6	14.5	5.30	14.5	5.40	13.8	5.07	13.3	4.86	12.9	4.65	12.0	4.25
		-3.0	-3.7	15.1	5.37	14.6	5.21	13.8	4.81	13.3	4.62	12.9	4.42	12.0	4.05
		0.0	-0.7	15.5	5.21	14.6	4.83	13.8	4.46	13.3	4.28	12.9	4.11	12.0	3.76
		3.0	2.2	15.5	4.85	14.6	4.51	13.8	4.17	13.3	4.00	12.9	3.84	12.0	3.52
		5.0	4.1	15.5	4.65	14.6	4.32	13.8	4.00	13.3	3.84	12.9	3.68	12.0	3.38
		7.0	6	15.5	4.46	14.6	4.14	13.8	3.84	13.3	3.69	12.9	3.54	12.0	3.25
		9.0	7.9	15.5	4.28	14.6	3.98	13.8	3.69	13.3	3.55	12.9	3.41	12.0	3.13
		11.0	9.8	15.5	4.12	14.6	3.84	13.8	3.56	13.3	3.42	12.9	3.29	12.0	3.02
		13.0	11.8	15.5	3.97	14.6	3.69	13.8	3.43	13.3	3.29	12.9	3.17	12.0	2.91
		15.0	13.7	15.5	3.83	14.6	3.57	13.8	3.31	13.3	3.18	12.9	3.06	12.0	2.82
100	12.50	-19.8	-20	10.1	4.73	10.0	4.86	10.0	4.99	10.0	5.05	10.0	5.11	10.0	5.24
		-18.8	-19	10.4	4.80	10.4	4.93	10.3	5.05	10.3	5.11	10.3	5.17	10.3	5.29
		-16.7	-17	11.0	4.93	11.0	5.05	10.9	5.16	10.9	5.22	10.9	5.28	10.9	5.39
		-14.7	-15	11.6	5.05	11.6	5.15	11.6	5.26	11.5	5.32	11.5	5.37	10.9	5.02
		-12.6	-13	12.2	5.15	12.2	5.25	12.2	5.36	12.1	5.37	11.7	5.14	10.9	4.69
		-10.5	-11	12.8	5.24	12.8	5.34	12.5	5.25	12.1	5.03	11.7	4.82	10.9	4.40
		-9.5	-10	13.1	5.29	13.1	5.38	12.5	5.09	12.1	4.88	11.7	4.67	10.9	4.27
		-8.5	-9.1	13.4	5.32	13.3	5.37	12.5	4.95	12.1	4.75	11.7	4.55	10.9	4.16
		-7.0	-7.6	13.9	5.38	13.3	5.14	12.5	4.74	12.1	4.55	11.7	4.36	10.9	3.99
		-5.0	-5.6	14.1	5.24	13.3	4.85	12.5	4.49	12.1	4.30	11.7	4.13	10.9	3.78
		-3.0	-3.7	14.1	4.97	13.3	4.61	12.5	4.27	12.1	4.10	11.7	3.93	10.9	3.60
		0.0	-0.7	14.1	4.61	13.3	4.28	12.5	3.96	12.1	3.81	11.7	3.65	10.9	3.35
		3.0	2.2	14.1	4.30	13.3	4.00	12.5	3.71	12.1	3.56	11.7	3.42	10.9	3.15
		5.0	4.1	14.1	4.12	13.3	3.84	12.5	3.56	12.1	3.42	11.7	3.29	10.9	3.02
		7.0	6	14.1	3.96	13.3	3.69	12.5	3.42	12.1	3.29	11.7	3.16	10.9	2.91
		9.0	7.9	14.1	3.81	13.3	3.55	12.5	3.29	12.1	3.17	11.7	3.05	10.9	2.81
		11.0	9.8	14.1	3.67	13.3	3.42	12.5	3.18	12.1	3.06	11.7	2.94	10.9	2.71
		13.0	11.8	14.1	3.53	13.3	3.29	12.5	3.06	12.1	2.95	11.7	2.83	10.9	2.61
		15.0	13.7	14.1	3.41	13.3	3.18	12.5	2.96	12.1	2.85	11.7	2.74	10.9	2.53

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

RXYSQ4PY1

TC: Total capacity (kW); PI: Power input (kW) (Compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temp.: °CDB											
				16°C		18°C		20°C		21°C		22°C		24°C	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	11.25	-19.8	-20	10.0	4.95	10.0	5.07	10.0	5.18	10.0	5.24	10.0	5.30	9.80	5.28
		-18.8	-19	10.3	5.02	10.3	5.13	10.3	5.24	10.3	5.29	10.3	5.35	9.80	5.07
		-16.7	-17	10.9	5.13	10.9	5.24	10.9	5.34	10.9	5.39	10.5	5.16	9.80	4.71
		-14.7	-15	11.6	5.24	11.5	5.34	11.3	5.23	10.9	5.01	10.5	4.80	9.80	4.39
		-12.6	-13	12.2	5.33	12.0	5.30	11.3	4.89	10.9	4.69	10.5	4.49	9.80	4.11
		-10.5	-11	12.7	5.36	12.0	4.97	11.3	4.59	10.9	4.40	10.5	4.22	9.80	3.86
		-9.5	-10	12.7	5.19	12.0	4.82	11.3	4.45	10.9	4.27	10.5	4.09	9.80	3.75
		-8.5	-9.1	12.7	5.05	12.0	4.69	11.3	4.33	10.9	4.16	10.5	3.99	9.80	3.66
		-7.0	-7.6	12.7	4.84	12.0	4.49	11.3	4.15	10.9	3.99	10.5	3.83	9.80	3.51
		-5.0	-5.6	12.7	4.57	12.0	4.25	11.3	3.93	10.9	3.78	10.5	3.63	9.80	3.33
		-3.0	-3.7	12.7	4.35	12.0	4.04	11.3	3.75	10.9	3.60	10.5	3.46	9.80	3.18
		0.0	-0.7	12.7	4.04	12.0	3.76	11.3	3.49	10.9	3.35	10.5	3.22	9.80	2.96
		3.0	2.2	12.7	3.78	12.0	3.52	11.3	3.27	10.9	3.14	10.5	3.02	9.80	2.78
		5.0	4.1	12.7	3.62	12.0	3.38	11.3	3.14	10.9	3.02	10.5	2.90	9.80	2.68
		7.0	6	12.7	3.48	12.0	3.25	11.3	3.02	10.9	2.91	10.5	2.80	9.80	2.58
		9.0	7.9	12.7	3.35	12.0	3.13	11.3	2.91	10.9	2.80	10.5	2.70	9.80	2.49
		11.0	9.8	12.7	3.23	12.0	3.02	11.3	2.81	10.9	2.71	10.5	2.61	9.80	2.41
		13.0	11.8	12.7	3.12	12.0	2.91	11.3	2.71	10.9	2.61	10.5	2.52	9.80	2.33
		15.0	13.7	12.7	3.01	12.0	2.82	11.3	2.62	10.9	2.53	10.5	2.44	9.80	2.25
80	10.00	-19.8	-20	10.0	5.18	10.0	5.28	10.0	5.38	9.68	5.19	9.36	4.97	8.71	4.54
		-18.8	-19	10.3	5.23	10.3	5.33	10.0	5.21	9.68	4.99	9.36	4.78	8.71	4.37
		-16.7	-17	10.9	5.34	10.6	5.23	10.0	4.83	9.68	4.63	9.36	4.44	8.71	4.06
		-14.7	-15	11.3	5.25	10.6	4.87	10.0	4.50	9.68	4.32	9.36	4.14	8.71	3.79
		-12.6	-13	11.3	4.91	10.6	4.55	10.0	4.21	9.68	4.04	9.36	3.88	8.71	3.56
		-10.5	-11	11.3	4.60	10.6	4.28	10.0	3.96	9.68	3.80	9.36	3.65	8.71	3.35
		-9.5	-10	11.3	4.47	10.6	4.15	10.0	3.84	9.68	3.69	9.36	3.55	8.71	3.26
		-8.5	-9.1	11.3	4.35	10.6	4.04	10.0	3.75	9.68	3.60	9.36	3.46	8.71	3.18
		-7.0	-7.6	11.3	4.17	10.6	3.88	10.0	3.59	9.68	3.46	9.36	3.32	8.71	3.05
		-5.0	-5.6	11.3	3.95	10.6	3.68	10.0	3.41	9.68	3.28	9.36	3.15	8.71	2.90
		-3.0	-3.7	11.3	3.76	10.6	3.50	10.0	3.25	9.68	3.13	9.36	3.01	8.71	2.77
		0.0	-0.7	11.3	3.50	10.6	3.26	10.0	3.03	9.68	2.92	9.36	2.81	8.71	2.59
		3.0	2.2	11.3	3.28	10.6	3.06	10.0	2.85	9.68	2.74	9.36	2.64	8.71	2.44
		5.0	4.1	11.3	3.15	10.6	2.94	10.0	2.74	9.68	2.64	9.36	2.54	8.71	2.35
		7.0	6	11.3	3.03	10.6	2.83	10.0	2.64	9.68	2.54	9.36	2.45	8.71	2.27
		9.0	7.9	11.3	2.92	10.6	2.73	10.0	2.55	9.68	2.46	9.36	2.37	8.71	2.19
		11.0	9.8	11.3	2.82	10.6	2.64	10.0	2.46	9.68	2.37	9.36	2.29	8.71	2.12
		13.0	11.8	11.3	2.72	10.6	2.55	10.0	2.38	9.68	2.29	9.36	2.21	8.71	2.05
		15.0	13.7	11.3	2.63	10.6	2.47	10.0	2.30	9.68	2.22	9.36	2.14	8.71	1.99
70	8.75	-19.8	-20	9.87	5.33	9.31	4.94	8.75	4.56	8.47	4.38	8.19	4.20	7.63	3.84
		-18.8	-19	9.87	5.12	9.31	4.75	8.75	4.39	8.47	4.21	8.19	4.04	7.63	3.70
		-16.7	-17	9.87	4.75	9.31	4.41	8.75	4.08	8.47	3.92	8.19	3.76	7.63	3.45
		-14.7	-15	9.87	4.43	9.31	4.11	8.75	3.81	8.47	3.66	8.19	3.51	7.63	3.23
		-12.6	-13	9.87	4.14	9.31	3.86	8.75	3.57	8.47	3.44	8.19	3.30	7.63	3.04
		-10.5	-11	9.87	3.90	9.31	3.63	8.75	3.37	8.47	3.24	8.19	3.11	7.63	2.87
		-9.5	-10	9.87	3.78	9.31	3.53	8.75	3.27	8.47	3.15	8.19	3.03	7.63	2.79
		-8.5	-9.1	9.87	3.69	9.31	3.44	8.75	3.19	8.47	3.07	8.19	2.95	7.63	2.72
		-7.0	-7.6	9.87	3.54	9.31	3.30	8.75	3.07	8.47	2.95	8.19	2.84	7.63	2.62
		-5.0	-5.6	9.87	3.36	9.31	3.13	8.75	2.91	8.47	2.81	8.19	2.70	7.63	2.49
		-3.0	-3.7	9.87	3.20	9.31	2.99	8.75	2.78	8.47	2.68	8.19	2.58	7.63	2.39
		0.0	-0.7	9.87	2.99	9.31	2.79	8.75	2.60	8.47	2.51	8.19	2.42	7.63	2.23
		3.0	2.2	9.87	2.81	9.31	2.63	8.75	2.45	8.47	2.36	8.19	2.28	7.63	2.11
		5.0	4.1	9.87	2.70	9.31	2.53	8.75	2.36	8.47	2.28	8.19	2.19	7.63	2.03
		7.0	6	9.87	2.60	9.31	2.44	8.75	2.28	8.47	2.20	8.19	2.12	7.63	1.96
		9.0	7.9	9.87	2.51	9.31	2.35	8.75	2.20	8.47	2.12	8.19	2.05	7.63	1.90
		11.0	9.8	9.87	2.43	9.31	2.27	8.75	2.13	8.47	2.05	8.19	1.98	7.63	1.84
		13.0	11.8	9.87	2.34	9.31	2.20	8.75	2.06	8.47	1.99	8.19	1.92	7.63	1.78
		15.0	13.7	9.87	2.27	9.31	2.13	8.75	2.00	8.47	1.93	8.19	1.86	7.63	1.73
60	7.50	-19.8	-20	8.46	4.38	7.98	4.07	7.50	3.77	7.26	3.62	7.02	3.48	6.54	3.19
		-18.8	-19	8.46	4.21	7.98	3.91	7.50	3.63	7.26	3.49	7.02	3.35	6.54	3.08
		-16.7	-17	8.46	3.91	7.98	3.64	7.50	3.38	7.26	3.25	7.02	3.12	6.54	2.88
		-14.7	-15	8.46	3.66	7.98	3.41	7.50	3.17	7.26	3.05	7.02	2.93	6.54	2.70
		-12.6	-13	8.46	3.43	7.98	3.20	7.50	2.98	7.26	2.87	7.02	2.76	6.54	2.54
		-10.5	-11	8.46	3.24	7.98	3.02	7.50	2.81	7.26	2.71	7.02	2.61	6.54	2.41
		-9.5	-10	8.46	3.15	7.98	2.94	7.50	2.74	7.26	2.64	7.02	2.54	6.54	2.34
		-8.5	-9.1	8.46	3.07	7.98	2.87	7.50	2.67	7.26	2.57	7.02	2.48	6.54	2.29
		-7.0	-7.6	8.46	2.95	7.98	2.76	7.50	2.57	7.26	2.48	7.02	2.39	6.54	2.21
		-5.0	-5.6	8.46	2.81	7.98	2.62	7.50	2.45	7.26	2.36	7.02	2.27	6.54	2.11
		-3.0	-3.7	8.46	2.68	7.98	2.51	7.50	2.34	7.26	2.26	7.02	2.18	6.54	2.02
		0.0	-0.7	8.46	2.51	7.98	2.35	7.50	2.19	7.26	2.12	7.02	2.04	6.54	1.90
		3.0	2.2	8.46	2.36	7.98	2.21	7.50	2.07	7.26	2.00	7.02	1.93	6.54	1.79
		5.0	4.1	8.46	2.27	7.98	2.13	7.50	2.00	7.26	1.93	7.02	1.86	6.54	1.73
		7.0	6	8.46	2.19	7.98	2.06	7.50	1.93	7.26	1.87	7.02	1.80	6.54	1.68
		9.0	7.9	8.46	2.12	7.98	1.99	7.50	1.87	7.26	1.81	7.02	1.74	6.54	1.62
		11.0	9.8	8.46	2.05	7.98	1.93	7.50	1.81	7.26	1.75	7.02	1.69	6.54	1.57
		13.0	11.8	8.46	1.99	7.98	1.87	7.50	1.75	7.26	1.70	7.02	1.64	6.54	1.53
		15.0	13.7	8.46	1.93	7.98	1.81	7.50	1.70	7.26	1.65	7.02	1.59	6.54	1.49
50	6.25	-19.8	-20	7.05	3.50	6.65	3.26	6.25	3.03	6.05	2.92	5.85	2.81	5.45	2.59
		-18.8	-19	7.05	3.37	6.65	3.14	6.25	2.92	6.05	2.82	5.85	2.71	5.45	2.50
		-16.7	-17	7.05	3.14	6.65	2.94	6.25	2.73	6.05	2.63	5.85	2.53	5.45	2.34
		-14.7	-15	7.05	2.95	6.65	2.75	6.25	2.57	6.05	2.47	5.85	2.38	5.45	2.20
		-12.6	-13	7.05	2.77	6.65	2.60	6.25	2.42	6.05	2.33	5.85	2.25	5.45	2.08
		-10.5	-11	7.05	2.62	6.65	2.45	6.25	2.29	6.05	2.21	5.85	2.13	5.45	1.98
		-9.5	-10	7.05	2.55	6.65	2.39	6.25	2.23	6.05	2.16	5.85	2.08	5.45	1.93
		-8.5	-9.1	7.05	2.49	6.65	2.34	6.25	2.18	6.05	2.11	5.85	2.03	5.45	1.89
		-7.0	-7.6	7.05	2.40	6.65	2.25	6.25	2.10	6.05	2.03	5.85	1.96	5.45	1.82
		-5.0	-5.6	7.05	2.29	6.65	2.15	6.25	2.01	6.05	1.94	5.85	1.87	5.45	1.74
		-3.0	-3.7	7.05	2.19	6.65	2.06	6.25	1.93	6.05	1.86	5.85	1.80	5.45	1.67
		0.0	-0.7	7.05	2.05	6.65	1.93	6.25	1.81	6.05	1.75	5.85	1.69	5.45	1.58
		3.0	2.2	7.05	1.94	6.65	1.83	6.25	1.71	6.05	1.66	5.85	1.60	5.45	1.49
		5.0	4.1	7.05	1.87	6.65	1.76	6.25	1.66	6.05	1.60	5.85	1.55	5.45	1.45
		7.0	6	7.05	1.81	6.65	1.71	6.25	1.60	6.05	1.55	5.85	1.50	5.45	1.40
		9.0	7.9	7.05	1.75	6.65	1.65	6.25	1.55	6.05	1.50	5.85	1.46	5.45	1.36
		11.0	9.8	7.05	1.70	6.65	1.60	6.25	1.51	6.05	1.46	5.85	1.41	5.45	1.32
		13.0	11.8	7.05	1.65	6.65	1.55	6.25	1.46	6.05	1.42	5.85	1.37	5.45	1.28
		15.0	13.7	7.05	1.60	6.65	1.51	6.25	1.42	6.05	1.38	5.85	1.34	5.45	1.25

3 Capacity tables

3 - 2 Heating capacity tables

RXYSQ5PY1

TC: Total capacity (kW); PI: Power input (kW) (Compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temp.: °CDB											
				16°C		18°C		20°C		21°C		22°C		24°C	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	20.80	-19.8	-20.0	11.1	3.18	11.0	3.37	11.0	3.56	11.0	3.65	11.0	3.75	10.9	3.94
		-18.8	-19.0	11.4	3.28	11.4	3.46	11.3	3.65	11.3	3.74	11.3	3.83	11.3	4.02
		-16.7	-17.0	12.1	3.47	12.0	3.64	12.0	3.82	12.0	3.90	11.9	3.99	11.9	4.16
		-14.7	-15.0	12.7	3.64	12.7	3.80	12.6	3.97	12.6	4.05	12.6	4.13	12.6	4.29
		-12.6	-13.0	13.4	3.79	13.3	3.95	13.3	4.10	13.3	4.18	13.3	4.26	13.2	4.41
		-10.5	-11.0	14.0	3.93	14.0	4.08	14.0	4.22	13.9	4.30	13.9	4.37	13.9	4.52
		-9.5	-10.0	14.4	3.99	14.3	4.14	14.3	4.28	14.3	4.35	14.3	4.43	14.2	4.57
		-8.5	-9.1	14.7	4.05	14.6	4.19	14.6	4.33	14.6	4.40	14.5	4.47	14.5	4.61
		-7.0	-7.6	15.2	4.13	15.1	4.27	15.1	4.41	15.1	4.48	15.0	4.55	15.0	4.68
		-5.0	-5.6	15.8	4.24	15.8	4.37	15.7	4.50	15.7	4.57	15.7	4.64	15.7	4.77
		-3.0	-3.7	16.4	4.34	16.4	4.46	16.4	4.59	16.3	4.65	16.3	4.71	16.3	4.84
		0.0	-0.7	17.4	4.47	17.4	4.59	17.3	4.71	17.3	4.77	17.3	4.83	17.3	4.95
		3.0	2.2	18.4	4.59	18.3	4.70	18.3	4.81	18.3	4.87	18.3	4.93	18.1	4.99
		5.0	4.1	19.0	4.66	19.0	4.77	18.9	4.88	18.9	4.93	18.9	4.99	18.1	4.79
		7.0	6.0	19.6	4.73	19.6	4.83	19.6	4.94	19.5	4.99	19.5	5.02	18.1	4.60
		9.0	7.9	20.3	4.79	20.2	4.89	20.2	4.99	20.1	5.03	19.5	4.82	18.1	4.42
		11.0	9.8	20.9	4.85	20.8	4.95	20.8	5.04	20.1	4.84	19.5	4.64	18.1	4.26
		13.0	11.8	21.5	4.91	21.5	5.00	20.8	4.85	20.1	4.66	19.5	4.47	18.1	4.10
		15.0	13.7	22.2	4.96	22.1	5.05	20.8	4.68	20.1	4.50	19.5	4.31	18.1	3.96
120	19.20	-19.8	-20.0	11.0	3.43	11.0	3.61	11.0	3.78	10.9	3.87	10.9	3.96	10.9	4.13
		-18.8	-19.0	11.3	3.53	11.3	3.70	11.3	3.87	11.3	3.95	11.2	4.04	11.2	4.21
		-16.7	-17.0	12.0	3.70	12.0	3.86	11.9	4.02	11.9	4.10	11.9	4.18	11.9	4.34
		-14.7	-15.0	12.7	3.86	12.6	4.01	12.6	4.16	12.6	4.24	12.6	4.31	12.5	4.47
		-12.6	-13.0	13.3	4.00	13.3	4.14	13.3	4.29	13.2	4.36	13.2	4.43	13.2	4.58
		-10.5	-11.0	14.0	4.13	13.9	4.26	13.9	4.40	13.9	4.47	13.9	4.54	13.8	4.68
		-9.5	-10.0	14.3	4.19	14.3	4.32	14.2	4.45	14.2	4.52	14.2	4.59	14.2	4.72
		-8.5	-9.1	14.6	4.24	14.6	4.37	14.5	4.50	14.5	4.57	14.5	4.63	14.5	4.76
		-7.0	-7.6	15.1	4.32	15.1	4.45	15.0	4.57	15.0	4.64	15.0	4.70	15.0	4.83
		-5.0	-5.6	15.8	4.42	15.7	4.54	15.7	4.66	15.7	4.72	15.7	4.78	15.6	4.90
		-3.0	-3.7	16.4	4.51	16.4	4.62	16.3	4.74	16.3	4.80	16.3	4.86	16.3	4.97
		0.0	-0.7	17.4	4.63	17.3	4.74	17.3	4.85	17.3	4.91	17.3	4.96	16.7	4.84
		3.0	2.2	18.3	4.74	18.3	4.85	18.3	4.95	18.2	5.00	18.0	4.94	16.7	4.52
		5.0	4.1	19.0	4.81	18.9	4.91	18.9	5.01	18.6	4.94	18.0	4.73	16.7	4.34
		7.0	6.0	19.6	4.87	19.5	4.97	19.2	4.94	18.6	4.74	18.0	4.55	16.7	4.17
		9.0	7.9	20.2	4.93	20.2	5.02	19.2	4.74	18.6	4.56	18.0	4.37	16.7	4.01
		11.0	9.8	20.8	4.98	20.4	4.93	19.2	4.57	18.6	4.39	18.0	4.21	16.7	3.87
		13.0	11.8	21.5	5.04	20.4	4.74	19.2	4.39	18.6	4.22	18.0	4.06	16.7	3.73
		15.0	13.7	21.7	4.92	20.4	4.58	19.2	4.24	18.6	4.08	18.0	3.92	16.7	3.60
110	17.60	-19.8	-20.0	11.0	3.69	10.9	3.85	10.9	4.01	10.9	4.09	10.9	4.17	10.8	4.33
		-18.8	-19.0	11.3	3.78	11.3	3.93	11.2	4.09	11.2	4.17	11.2	4.24	11.2	4.40
		-16.7	-17.0	12.0	3.94	11.9	4.08	11.9	4.23	11.9	4.30	11.9	4.38	11.8	4.53
		-14.7	-15.0	12.6	4.08	12.6	4.22	12.6	4.36	12.5	4.43	12.5	4.50	12.5	4.64
		-12.6	-13.0	13.3	4.21	13.2	4.34	13.2	4.47	13.2	4.54	13.2	4.61	13.2	4.74
		-10.5	-11.0	13.9	4.33	13.9	4.45	13.9	4.58	13.9	4.64	13.8	4.71	13.8	4.83
		-9.5	-10.0	14.3	4.38	14.2	4.51	14.2	4.63	14.2	4.69	14.2	4.75	14.1	4.87
		-8.5	-9.1	14.6	4.43	14.5	4.55	14.5	4.67	14.5	4.73	14.5	4.79	14.4	4.91
		-7.0	-7.6	15.1	4.50	15.0	4.62	15.0	4.74	15.0	4.79	15.0	4.85	14.9	4.97
		-5.0	-5.6	15.7	4.60	15.7	4.71	15.6	4.82	15.6	4.87	15.6	4.93	15.3	4.91
		-3.0	-3.7	16.3	4.68	16.3	4.78	16.3	4.89	16.3	4.94	16.2	5.00	15.3	4.68
		0.0	-0.7	17.3	4.79	17.3	4.89	17.3	4.99	17.0	4.95	16.5	4.74	15.3	4.35
		3.0	2.2	18.3	4.89	18.2	4.99	17.6	4.81	17.0	4.62	16.5	4.44	15.3	4.07
		5.0	4.1	18.9	4.95	18.7	4.99	17.6	4.61	17.0	4.43	16.5	4.25	15.3	3.91
		7.0	6.0	19.5	5.01	18.7	4.79	17.6	4.43	17.0	4.26	16.5	4.09	15.3	3.76
		9.0	7.9	19.9	4.95	18.7	4.60	17.6	4.26	17.0	4.10	16.5	3.94	15.3	3.62
		11.0	9.8	19.9	4.76	18.7	4.43	17.6	4.11	17.0	3.95	16.5	3.79	15.3	3.49
		13.0	11.8	19.9	4.58	18.7	4.26	17.6	3.96	17.0	3.81	16.5	3.66	15.3	3.37
		15.0	13.7	19.9	4.42	18.7	4.12	17.6	3.82	17.0	3.68	16.5	3.54	15.3	3.26
100	16.00	-19.8	-20.0	10.9	3.95	10.9	4.09	10.9	4.24	10.9	4.31	10.8	4.38	10.8	4.53
		-18.8	-19.0	11.3	4.03	11.2	4.17	11.2	4.31	11.2	4.38	11.2	4.45	11.1	4.59
		-16.7	-17.0	11.9	4.17	11.9	4.31	11.9	4.44	11.8	4.51	11.8	4.57	11.8	4.71
		-14.7	-15.0	12.6	4.30	12.5	4.43	12.5	4.56	12.5	4.62	12.5	4.68	12.5	4.81
		-12.6	-13.0	13.2	4.42	13.2	4.54	13.2	4.66	13.2	4.72	13.1	4.78	13.1	4.90
		-10.5	-11.0	13.9	4.53	13.9	4.64	13.8	4.76	13.8	4.81	13.8	4.87	13.8	4.99
		-9.5	-10.0	14.2	4.58	14.2	4.69	14.2	4.80	14.1	4.86	14.1	4.91	13.9	4.94
		-8.5	-9.1	14.5	4.62	14.5	4.73	14.5	4.84	14.4	4.89	14.4	4.95	13.9	4.81
		-7.0	-7.6	15.0	4.69	15.0	4.80	14.9	4.90	14.9	4.95	14.9	5.01	13.9	4.61
		-5.0	-5.6	15.7	4.77	15.6	4.87	15.6	4.98	15.5	4.97	15.0	4.77	13.9	4.37
		-3.0	-3.7	16.3	4.85	16.3	4.94	16.0	4.93	15.5	4.73	15.0	4.54	13.9	4.16
		0.0	-0.7	17.3	4.95	17.0	4.94	16.0	4.58	15.5	4.40	15.0	4.22	13.9	3.87
		3.0	2.2	18.1	4.97	17.0	4.62	16.0	4.28	15.5	4.12	15.0	3.95	13.9	3.63
		5.0	4.1	18.1	4.76	17.0	4.43	16.0	4.11	15.5	3.95	15.0	3.80	13.9	3.49
		7.0	6.0	18.1	4.57	17.0	4.26	16.0	3.95	15.5	3.80	15.0	3.65	13.9	3.36
		9.0	7.9	18.1	4.40	17.0	4.10	16.0	3.80	15.5	3.66	15.0	3.52	13.9	3.24
		11.0	9.8	18.1	4.24	17.0	3.95	16.0	3.67	15.5	3.53	15.0	3.39	13.9	3.13
		13.0	11.8	18.1	4.08	17.0	3.80	16.0	3.54	15.5	3.40	15.0	3.27	13.9	3.02
		15.0	13.7	18.1	3.94	17.0	3.68	16.0	3.42	15.5	3.29	15.0	3.17	13.9	2.92

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

RXYSQ5PY1

TC: Total capacity (kW); PI: Power input (kW) (Compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temp.: °CDB											
				16°C		18°C		20°C		21°C		22°C		24°C	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	14.40	-19.8	-20.0	10.9	4.20	10.8	4.33	10.8	4.46	10.8	4.53	10.8	4.60	10.8	4.73
		-18.8	-19.0	11.2	4.27	11.2	4.40	11.2	4.53	11.1	4.59	11.1	4.66	11.1	4.78
		-16.7	-17.0	11.9	4.41	11.8	4.53	11.8	4.65	11.8	4.71	11.8	4.77	11.8	4.89
		-14.7	-15.0	12.5	4.53	12.5	4.64	12.5	4.75	12.5	4.81	12.4	4.87	12.4	4.98
		-12.6	-13.0	13.2	4.63	13.2	4.74	13.1	4.85	13.1	4.90	13.1	4.96	12.5	4.74
		-10.5	-11.0	13.8	4.73	13.8	4.83	13.8	4.93	13.8	4.99	13.5	4.87	12.5	4.46
		-9.5	-10.0	14.2	4.77	14.1	4.87	14.1	4.98	13.9	4.93	13.5	4.73	12.5	4.33
		-8.5	-9.1	14.5	4.81	14.4	4.91	14.4	5.00	13.9	4.80	13.5	4.61	12.5	4.22
		-7.0	-7.6	15.0	4.88	14.9	4.97	14.4	4.80	13.9	4.61	13.5	4.42	12.5	4.05
		-5.0	-5.6	15.6	4.95	15.3	4.91	14.4	4.54	13.9	4.36	13.5	4.19	12.5	3.85
		-3.0	-3.7	16.2	5.02	15.3	4.67	14.4	4.33	13.9	4.16	13.5	3.99	12.5	3.67
		0.0	-0.7	16.3	4.66	15.3	4.34	14.4	4.03	13.9	3.87	13.5	3.72	12.5	3.42
		3.0	2.2	16.3	4.36	15.3	4.06	14.4	3.77	13.9	3.63	13.5	3.49	12.5	3.22
		5.0	4.1	16.3	4.19	15.3	3.90	14.4	3.62	13.9	3.49	13.5	3.36	12.5	3.09
		7.0	6.0	16.3	4.02	15.3	3.75	14.4	3.49	13.9	3.36	13.5	3.23	12.5	2.98
		9.0	7.9	16.3	3.87	15.3	3.61	14.4	3.36	13.9	3.24	13.5	3.12	12.5	2.88
		11.0	9.8	16.3	3.74	15.3	3.49	14.4	3.25	13.9	3.13	13.5	3.01	12.5	2.78
		13.0	11.8	16.3	3.60	15.3	3.36	14.4	3.13	13.9	3.02	13.5	2.91	12.5	2.69
		15.0	13.7	16.3	3.48	15.3	3.25	14.4	3.03	13.9	2.92	13.5	2.81	12.5	2.60
80	12.80	-19.8	-20.0	10.8	4.46	10.8	4.58	10.8	4.69	10.8	4.75	10.8	4.81	10.7	4.93
		-18.8	-19.0	11.2	4.52	11.1	4.64	11.1	4.75	11.1	4.81	11.1	4.86	11.1	4.98
		-16.7	-17.0	11.8	4.64	11.8	4.75	11.8	4.86	11.8	4.91	11.7	4.96	11.2	4.69
		-14.7	-15.0	12.5	4.75	12.4	4.85	12.4	4.95	12.4	4.98	12.0	4.78	11.2	4.38
		-12.6	-13.0	13.1	4.84	13.1	4.94	12.8	4.86	12.4	4.67	12.0	4.48	11.2	4.11
		-10.5	-11.0	13.8	4.93	13.6	4.94	12.8	4.57	12.4	4.39	12.0	4.22	11.2	3.87
		-9.5	-10.0	14.1	4.97	13.6	4.79	12.8	4.44	12.4	4.27	12.0	4.10	11.2	3.76
		-8.5	-9.1	14.4	5.01	13.6	4.67	12.8	4.33	12.4	4.16	12.0	3.99	11.2	3.67
		-7.0	-7.6	14.4	4.81	13.6	4.48	12.8	4.15	12.4	3.99	12.0	3.83	11.2	3.53
		-5.0	-5.6	14.4	4.56	13.6	4.25	12.8	3.94	12.4	3.79	12.0	3.64	11.2	3.35
		-3.0	-3.7	14.4	4.34	13.6	4.05	12.8	3.76	12.4	3.61	12.0	3.47	11.2	3.20
		0.0	-0.7	14.4	4.04	13.6	3.77	12.8	3.50	12.4	3.37	12.0	3.24	11.2	2.99
		3.0	2.2	14.4	3.79	13.6	3.53	12.8	3.29	12.4	3.17	12.0	3.05	11.2	2.82
		5.0	4.1	14.4	3.64	13.6	3.40	12.8	3.16	12.4	3.05	12.0	2.93	11.2	2.71
		7.0	6.0	14.4	3.50	13.6	3.27	12.8	3.05	12.4	2.94	12.0	2.83	11.2	2.62
		9.0	7.9	14.4	3.37	13.6	3.15	12.8	2.94	12.4	2.84	12.0	2.73	11.2	2.53
		11.0	9.8	14.4	3.26	13.6	3.05	12.8	2.84	12.4	2.74	12.0	2.64	11.2	2.45
		13.0	11.8	14.4	3.14	13.6	2.94	12.8	2.74	12.4	2.65	12.0	2.55	11.2	2.37
		15.0	13.7	14.4	3.04	13.6	2.85	12.8	2.66	12.4	2.57	12.0	2.47	11.2	2.29
70	11.20	-19.8	-20.0	10.8	4.71	10.8	4.82	10.7	4.92	10.7	4.97	10.5	4.85	9.76	4.44
		-18.8	-19.0	11.1	4.77	11.1	4.87	11.1	4.97	10.8	4.87	10.5	4.67	9.76	4.28
		-16.7	-17.0	11.8	4.88	11.7	4.97	11.2	4.71	10.8	4.52	10.5	4.34	9.76	3.98
		-14.7	-15.0	12.4	4.97	11.9	4.75	11.2	4.40	10.8	4.23	10.5	4.06	9.76	3.73
		-12.6	-13.0	12.6	4.79	11.9	4.45	11.2	4.13	10.8	3.97	10.5	3.81	9.76	3.51
		-10.5	-11.0	12.6	4.50	11.9	4.19	11.2	3.89	10.8	3.74	10.5	3.59	9.76	3.31
		-9.5	-10.0	12.6	4.37	11.9	4.07	11.2	3.78	10.8	3.64	10.5	3.50	9.76	3.22
		-8.5	-9.1	12.6	4.26	11.9	3.97	11.2	3.69	10.8	3.55	10.5	3.41	9.76	3.14
		-7.0	-7.6	12.6	4.09	11.9	3.81	11.2	3.54	10.8	3.41	10.5	3.28	9.76	3.02
		-5.0	-5.6	12.6	3.88	11.9	3.62	11.2	3.37	10.8	3.24	10.5	3.12	9.76	2.88
		-3.0	-3.7	12.6	3.70	11.9	3.46	11.2	3.22	10.8	3.10	10.5	2.98	9.76	2.76
		0.0	-0.7	12.6	3.45	11.9	3.23	11.2	3.01	10.8	2.90	10.5	2.79	9.76	2.58
		3.0	2.2	12.6	3.24	11.9	3.03	11.2	2.83	10.8	2.73	10.5	2.63	9.76	2.43
		5.0	4.1	12.6	3.12	11.9	2.92	11.2	2.72	10.8	2.63	10.5	2.53	9.76	2.35
		7.0	6.0	12.6	3.00	11.9	2.81	11.2	2.63	10.8	2.54	10.5	2.45	9.76	2.27
		9.0	7.9	12.6	2.90	11.9	2.72	11.2	2.54	10.8	2.45	10.5	2.36	9.76	2.19
		11.0	9.8	12.6	2.80	11.9	2.63	11.2	2.46	10.8	2.37	10.5	2.29	9.76	2.13
		13.0	11.8	12.6	2.71	11.9	2.54	11.2	2.38	10.8	2.29	10.5	2.22	9.76	2.06
		15.0	13.7	12.6	2.62	11.9	2.46	11.2	2.30	10.8	2.23	10.5	2.15	9.76	2.00
60	9.60	-19.8	-20.0	10.7	4.97	10.2	4.70	9.60	4.35	9.29	4.18	8.98	4.01	8.37	3.69
		-18.8	-19.0	10.8	4.86	10.2	4.52	9.60	4.19	9.29	4.03	8.98	3.87	8.37	3.56
		-16.7	-17.0	10.8	4.52	10.2	4.21	9.60	3.90	9.29	3.76	8.98	3.61	8.37	3.32
		-14.7	-15.0	10.8	4.22	10.2	3.94	9.60	3.66	9.29	3.52	8.98	3.38	8.37	3.12
		-12.6	-13.0	10.8	3.97	10.2	3.70	9.60	3.44	9.29	3.31	8.98	3.19	8.37	2.94
		-10.5	-11.0	10.8	3.74	10.2	3.49	9.60	3.25	9.29	3.13	8.98	3.01	8.37	2.78
		-9.5	-10.0	10.8	3.63	10.2	3.39	9.60	3.16	9.29	3.04	8.98	2.93	8.37	2.71
		-8.5	-9.1	10.8	3.55	10.2	3.31	9.60	3.08	9.29	2.97	8.98	2.86	8.37	2.65
		-7.0	-7.6	10.8	3.41	10.2	3.18	9.60	2.97	9.29	2.86	8.98	2.76	8.37	2.55
		-5.0	-5.6	10.8	3.24	10.2	3.03	9.60	2.83	9.29	2.73	8.98	2.63	8.37	2.43
		-3.0	-3.7	10.8	3.10	10.2	2.90	9.60	2.71	9.29	2.61	8.98	2.52	8.37	2.33
		0.0	-0.7	10.8	2.90	10.2	2.71	9.60	2.54	9.29	2.45	8.98	2.36	8.37	2.19
		3.0	2.2	10.8	2.73	10.2	2.56	9.60	2.39	9.29	2.31	8.98	2.23	8.37	2.07
		5.0	4.1	10.8	2.63	10.2	2.47	9.60	2.31	9.29	2.23	8.98	2.15	8.37	2.00
		7.0	6.0	10.8	2.53	10.2	2.38	9.60	2.23	9.29	2.15	8.98	2.08	8.37	1.94
		9.0	7.9	10.8	2.45	10.2	2.30	9.60	2.16	9.29	2.09	8.98	2.01	8.37	1.88
		11.0	9.8	10.8	2.37	10.2	2.23	9.60	2.09	9.29	2.02	8.98	1.95	8.37	1.82
		13.0	11.8	10.8	2.29	10.2	2.16	9.60	2.02	9.29	1.96	8.98	1.89	8.37	1.76
		15.0	13.7	10.8	2.23	10.2	2.09	9.60	1.97	9.29	1.90	8.98	1.84	8.37	1.72
50	8.00	-19.8	-20.0	9.03	4.04	8.51	3.77	8.00	3.50	7.74	3.37	7.49	3.24	6.97	2.99
		-18.8	-19.0	9.03	3.89	8.51	3.63	8.00	3.38	7.74	3.25	7.49	3.13	6.97	2.89
		-16.7	-17.0	9.03	3.63	8.51	3.39	8.00	3.16	7.74	3.04	7.49	2.93	6.97	2.71
		-14.7	-15.0	9.03	3.40	8.51	3.18	8.00	2.96	7.74	2.86	7.49	2.75	6.97	2.55
		-12.6	-13.0	9.03	3.20	8.51	3.00	8.00	2.80	7.74	2.70	7.49	2.60	6.97	2.41
		-10.5	-11.0	9.03	3.03	8.51	2.84	8.00	2.65	7.74	2.55	7.49	2.46	6.97	2.28
		-9.5	-10.0	9.03	2.95	8.51	2.76	8.00	2.58	7.74	2.49	7.49	2.40	6.97	2.23
		-8.5	-9.1	9.03	2.88	8.51	2.70	8.00	2.52	7.74	2.43	7.49	2.35	6.97	2.18
		-7.0	-7.6	9.03	2.77	8.51	2.60	8.00	2.43	7.74	2.35	7.49	2.26	6.97	2.10
		-5.0	-5.6	9.03	2.64	8.51	2.48	8.00	2.32	7.74	2.24	7.49	2.16	6.97	2.01
		-3.0	-3.7	9.03	2.53	8.51	2.38	8.00	2.22	7.74	2.15	7.49	2.08	6.97	1.93
		0.0	-0.7	9.03	2.37	8.51	2.23	8.00	2.09	7.74	2.02	7.49	1.95	6.97	1.82
		3.0	2.2	9.03	2.24	8.51	2.11	8.00	1.98	7.74	1.91	7.49	1.85	6.97	1.73
		5.0	4.1	9.03	2.16	8.51	2.04	8.00	1.91	7.74	1.85	7.49	1.79	6.97	1.67
		7.0	6.0	9.03	2.09	8.51	1.97	8.00	1.85	7.74	1.79	7.49	1.73	6.97	1.62
		9.0	7.9	9.03	2.02	8.51	1.91	8.00	1.79	7.74	1.74	7.49	1.68	6.97	1.57
		11.0	9.8	9.03	1.96	8.51	1.85	8.00	1.74	7.74	1.69	7.49	1.63	6.97	1.53
		13.0	11.8	9.03	1.90	8.51	1.79	8.00	1.69	7.74	1.64	7.49	1.58	6.97	1.48
		15.0	13.7	9.03	1.85	8.51	1.74	8.00	1.64	7.74	1.59	7.49	1.54	6.97	1.44

3 Capacity tables

3 - 2 Heating capacity tables

RXYSQ6PY1

TC: Total capacity (kW); PI: Power input (kW) (Compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temp.: °CDB											
				16°C		18°C		20°C		21°C		22°C		24°C	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	23.40	-19.8	-20.0	11.3	2.82	11.3	3.04	11.2	3.26	11.2	3.37	11.2	3.48	11.1	3.70
		-18.8	-19.0	11.6	2.94	11.6	3.15	11.6	3.37	11.5	3.47	11.5	3.58	11.5	3.79
		-16.7	-17.0	12.3	3.16	12.3	3.36	12.2	3.56	12.2	3.66	12.2	3.76	12.1	3.96
		-14.7	-15.0	13.0	3.35	12.9	3.54	12.9	3.74	12.9	3.83	12.8	3.93	12.8	4.12
		-12.6	-13.0	13.6	3.53	13.6	3.71	13.6	3.89	13.5	3.98	13.5	4.07	13.5	4.25
		-10.5	-11.0	14.3	3.69	14.3	3.86	14.2	4.03	14.2	4.12	14.2	4.21	14.1	4.38
		-9.5	-10.0	14.6	3.76	14.6	3.93	14.6	4.10	14.5	4.18	14.5	4.27	14.5	4.44
		-8.5	-9.1	14.9	3.83	14.9	3.99	14.9	4.16	14.8	4.24	14.8	4.32	14.8	4.49
		-7.0	-7.6	15.4	3.93	15.4	4.09	15.4	4.25	15.3	4.33	15.3	4.41	15.3	4.57
		-5.0	-5.6	16.1	4.05	16.1	4.21	16.0	4.36	16.0	4.43	16.0	4.51	15.9	4.66
		-3.0	-3.7	16.7	4.16	16.7	4.31	16.7	4.45	16.6	4.53	16.6	4.60	16.6	4.75
		0.0	-0.7	17.7	4.32	17.7	4.46	17.7	4.59	17.6	4.66	17.6	4.73	17.6	4.87
		3.0	2.2	18.7	4.45	18.7	4.58	18.6	4.72	18.6	4.78	18.6	4.85	18.5	4.98
		5.0	4.1	19.3	4.54	19.3	4.66	19.3	4.79	19.2	4.85	19.2	4.92	19.2	5.04
		7.0	6.0	20.0	4.61	19.9	4.73	19.9	4.86	19.9	4.92	19.9	4.98	19.8	5.10
		9.0	7.9	20.6	4.68	20.6	4.80	20.5	4.92	20.5	4.98	20.5	5.04	20.4	5.14
		11.0	9.8	21.2	4.75	21.2	4.87	21.2	4.98	21.1	5.04	21.1	5.10	20.4	4.95
		13.0	11.8	21.9	4.82	21.9	4.93	21.8	5.04	21.8	5.10	21.8	5.15	20.4	4.76
		15.0	13.7	22.6	4.88	22.5	4.99	22.5	5.10	22.4	5.15	21.9	5.01	20.4	4.60
120	21.60	-19.8	-20.0	11.2	3.12	11.2	3.32	11.2	3.52	11.1	3.63	11.1	3.73	11.1	3.93
		-18.8	-19.0	11.6	3.23	11.5	3.42	11.5	3.62	11.5	3.72	11.5	3.82	11.4	4.02
		-16.7	-17.0	12.2	3.43	12.2	3.62	12.2	3.80	12.2	3.90	12.1	3.99	12.1	4.18
		-14.7	-15.0	12.9	3.61	12.9	3.79	12.8	3.96	12.8	4.05	12.8	4.14	12.8	4.32
		-12.6	-13.0	13.6	3.77	13.5	3.94	13.5	4.11	13.5	4.19	13.5	4.28	13.4	4.44
		-10.5	-11.0	14.2	3.92	14.2	4.08	14.2	4.24	14.2	4.32	14.1	4.40	14.1	4.56
		-9.5	-10.0	14.6	3.99	14.5	4.15	14.5	4.30	14.5	4.38	14.5	4.46	14.4	4.61
		-8.5	-9.1	14.9	4.05	14.8	4.20	14.8	4.35	14.8	4.43	14.8	4.51	14.7	4.66
		-7.0	-7.6	15.4	4.14	15.3	4.29	15.3	4.44	15.3	4.51	15.3	4.58	15.2	4.73
		-5.0	-5.6	16.1	4.26	16.0	4.40	16.0	4.54	16.0	4.61	15.9	4.68	15.9	4.82
		-3.0	-3.7	16.7	4.36	16.6	4.50	16.6	4.63	16.6	4.70	16.6	4.77	16.5	4.90
		0.0	-0.7	17.7	4.51	17.7	4.63	17.6	4.76	17.6	4.82	17.6	4.89	17.5	5.02
		3.0	2.2	18.7	4.63	18.6	4.75	18.6	4.87	18.6	4.93	18.5	4.99	18.5	5.11
		5.0	4.1	19.3	4.71	19.3	4.82	19.2	4.94	19.2	5.00	19.2	5.06	18.8	5.04
		7.0	6.0	19.9	4.78	19.9	4.89	19.8	5.00	19.8	5.06	19.8	5.12	18.8	4.84
		9.0	7.9	20.6	4.84	20.5	4.95	20.5	5.06	20.5	5.12	20.2	5.08	18.8	4.66
		11.0	9.8	21.2	4.91	21.2	5.01	21.1	5.12	20.9	5.10	20.2	4.89	18.8	4.49
		13.0	11.8	21.9	4.97	21.8	5.07	21.6	5.11	20.9	4.91	20.2	4.71	18.8	4.33
		15.0	13.7	22.5	5.03	22.5	5.13	21.6	4.93	20.9	4.74	20.2	4.55	18.8	4.19
110	19.80	-19.8	-20.0	11.2	3.41	11.2	3.60	11.1	3.79	11.1	3.88	11.1	3.97	11.0	4.16
		-18.8	-19.0	11.5	3.52	11.5	3.70	11.5	3.88	11.4	3.97	11.4	4.06	11.4	4.24
		-16.7	-17.0	12.2	3.70	12.2	3.87	12.1	4.04	12.1	4.13	12.1	4.22	12.1	4.39
		-14.7	-15.0	12.9	3.87	12.8	4.03	12.8	4.19	12.8	4.27	12.8	4.35	12.7	4.52
		-12.6	-13.0	13.5	4.02	13.5	4.17	13.5	4.33	13.4	4.40	13.4	4.48	13.4	4.63
		-10.5	-11.0	14.2	4.15	14.2	4.30	14.1	4.45	14.1	4.52	14.1	4.59	14.1	4.74
		-9.5	-10.0	14.5	4.22	14.5	4.36	14.5	4.50	14.4	4.57	14.4	4.65	14.4	4.79
		-8.5	-9.1	14.8	4.27	14.8	4.41	14.8	4.55	14.7	4.62	14.7	4.69	14.7	4.83
		-7.0	-7.6	15.3	4.36	15.3	4.49	15.3	4.63	15.2	4.70	15.2	4.76	15.2	4.90
		-5.0	-5.6	16.0	4.46	16.0	4.59	15.9	4.72	15.9	4.79	15.9	4.85	15.9	4.98
		-3.0	-3.7	16.6	4.56	16.6	4.68	16.6	4.81	16.5	4.87	16.5	4.93	16.5	5.05
		0.0	-0.7	17.6	4.69	17.6	4.81	17.6	4.93	17.5	4.98	17.5	5.04	17.3	5.05
		3.0	2.2	18.6	4.81	18.6	4.92	18.5	5.03	18.5	5.08	18.5	5.14	17.3	4.73
		5.0	4.1	19.2	4.88	19.2	4.98	19.2	5.09	19.1	5.15	18.5	4.94	17.3	4.54
		7.0	6.0	19.9	4.94	19.8	5.05	19.8	5.15	19.2	4.95	18.5	4.75	17.3	4.36
		9.0	7.9	20.5	5.00	20.5	5.11	19.8	4.95	19.2	4.76	18.5	4.57	17.3	4.20
		11.0	9.8	21.1	5.06	21.1	5.15	19.8	4.77	19.2	4.59	18.5	4.41	17.3	4.06
		13.0	11.8	21.8	5.12	21.1	4.96	19.8	4.60	19.2	4.42	18.5	4.25	17.3	3.91
		15.0	13.7	22.3	5.14	21.1	4.79	19.8	4.44	19.2	4.27	18.5	4.11	17.3	3.78
100	18.00	-19.8	-20.0	11.1	3.71	11.1	3.88	11.1	4.05	11.1	4.14	11.0	4.22	11.0	4.39
		-18.8	-19.0	11.5	3.81	11.4	3.97	11.4	4.13	11.4	4.22	11.4	4.30	11.3	4.46
		-16.7	-17.0	12.1	3.98	12.1	4.13	12.1	4.29	12.1	4.36	12.0	4.44	12.0	4.60
		-14.7	-15.0	12.8	4.13	12.8	4.27	12.7	4.42	12.7	4.49	12.7	4.57	12.7	4.71
		-12.6	-13.0	13.5	4.26	13.4	4.40	13.4	4.54	13.4	4.61	13.4	4.68	13.3	4.82
		-10.5	-11.0	14.1	4.39	14.1	4.52	14.1	4.65	14.1	4.72	14.0	4.79	14.0	4.92
		-9.5	-10.0	14.5	4.45	14.4	4.58	14.4	4.70	14.4	4.77	14.4	4.83	14.3	4.96
		-8.5	-9.1	14.8	4.50	14.7	4.62	14.7	4.75	14.7	4.81	14.7	4.88	14.6	5.00
		-7.0	-7.6	15.3	4.57	15.2	4.70	15.2	4.82	15.2	4.88	15.2	4.94	15.1	5.06
		-5.0	-5.6	15.9	4.67	15.9	4.79	15.9	4.91	15.9	4.96	15.8	5.02	15.7	5.08
		-3.0	-3.7	16.6	4.76	16.5	4.87	16.5	4.98	16.5	5.04	16.5	5.09	15.7	4.84
		0.0	-0.7	17.6	4.88	17.5	4.98	17.5	5.09	17.4	5.11	16.8	4.90	15.7	4.50
		3.0	2.2	18.5	4.98	18.5	5.09	18.0	4.98	17.4	4.78	16.8	4.59	15.7	4.22
		5.0	4.1	19.2	5.05	19.1	5.15	18.0	4.77	17.4	4.59	16.8	4.41	15.7	4.06
		7.0	6.0	19.8	5.11	19.2	4.95	18.0	4.59	17.4	4.41	16.8	4.24	15.7	3.90
		9.0	7.9	20.3	5.11	19.2	4.76	18.0	4.42	17.4	4.25	16.8	4.09	15.7	3.76
		11.0	9.8	20.3	4.92	19.2	4.59	18.0	4.26	17.4	4.10	16.8	3.94	15.7	3.64
		13.0	11.8	20.3	4.74	19.2	4.42	18.0	4.11	17.4	3.96	16.8	3.80	15.7	3.51
		15.0	13.7	20.3	4.58	19.2	4.27	18.0	3.97	17.4	3.83	16.8	3.68	15.7	3.40

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

RXYSQ6PY1

TC: Total capacity (kW); PI: Power input (kW) (Compressor + outdoor fan motor)

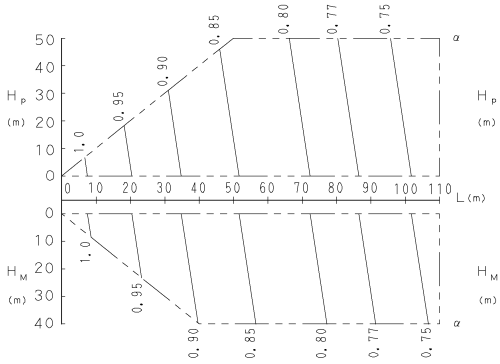
Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temp.: °CDB											
				16°C		18°C		20°C		21°C		22°C		24°C	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	16.20	-19.8	-20.0	11.1	4.01	11.0	4.16	11.0	4.32	11.0	4.39	11.0	4.47	11.0	4.62
		-18.8	-19.0	11.4	4.09	11.4	4.24	11.4	4.39	11.3	4.46	11.3	4.54	11.3	4.69
		-16.7	-17.0	12.1	4.25	12.1	4.39	12.0	4.53	12.0	4.60	12.0	4.67	12.0	4.81
		-14.7	-15.0	12.7	4.39	12.7	4.52	12.7	4.65	12.7	4.72	12.7	4.78	12.6	4.91
		-12.6	-13.0	13.4	4.51	13.4	4.63	13.4	4.76	13.3	4.82	13.3	4.89	13.3	5.01
		-10.5	-11.0	14.1	4.62	14.1	4.74	14.0	4.86	14.0	4.92	14.0	4.98	14.0	5.10
		-9.5	-10.0	14.4	4.67	14.4	4.79	14.4	4.91	14.3	4.96	14.3	5.02	14.1	5.04
		-8.5	-9.1	14.7	4.72	14.7	4.83	14.7	4.95	14.6	5.00	14.6	5.06	14.1	4.91
		-7.0	-7.6	15.2	4.79	15.2	4.90	15.2	5.01	15.1	5.06	15.1	5.12	14.1	4.71
		-5.0	-5.6	15.9	4.88	15.9	4.98	15.8	5.09	15.7	5.07	15.2	4.87	14.1	4.47
		-3.0	-3.7	16.5	4.95	16.5	5.06	16.2	5.03	15.7	4.83	15.2	4.64	14.1	4.26
		0.0	-0.7	17.5	5.06	17.2	5.04	16.2	4.68	15.7	4.50	15.2	4.32	14.1	3.98
		3.0	2.2	18.3	5.07	17.2	4.72	16.2	4.38	15.7	4.22	15.2	4.06	14.1	3.74
		5.0	4.1	18.3	4.86	17.2	4.53	16.2	4.21	15.7	4.05	15.2	3.90	14.1	3.59
		7.0	6.0	18.3	4.68	17.2	4.36	16.2	4.05	15.7	3.90	15.2	3.75	14.1	3.46
		9.0	7.9	18.3	4.50	17.2	4.20	16.2	3.91	15.7	3.76	15.2	3.62	14.1	3.34
		11.0	9.8	18.3	4.34	17.2	4.05	16.2	3.77	15.7	3.63	15.2	3.50	14.1	3.23
		13.0	11.8	18.3	4.18	17.2	3.91	16.2	3.64	15.7	3.51	15.2	3.38	14.1	3.12
		15.0	13.7	18.3	4.04	17.2	3.78	16.2	3.52	15.7	3.40	15.2	3.27	14.1	3.02
80	14.40	-19.8	-20.0	11.0	4.31	11.0	4.44	11.0	4.58	11.0	4.65	10.9	4.72	10.9	4.85
		-18.8	-19.0	11.4	4.38	11.3	4.52	11.3	4.65	11.3	4.71	11.3	4.78	11.3	4.91
		-16.7	-17.0	12.0	4.52	12.0	4.64	12.0	4.77	12.0	4.83	11.9	4.89	11.9	5.02
		-14.7	-15.0	12.7	4.64	12.7	4.76	12.6	4.88	12.6	4.94	12.6	5.00	12.5	5.09
		-12.6	-13.0	13.4	4.75	13.3	4.87	13.3	4.98	13.3	5.03	13.3	5.09	12.5	4.77
		-10.5	-11.0	14.0	4.85	14.0	4.96	14.0	5.07	13.9	5.10	13.5	4.90	12.5	4.50
		-9.5	-10.0	14.4	4.90	14.3	5.00	14.3	5.11	13.9	4.96	13.5	4.76	12.5	4.37
		-8.5	-9.1	14.7	4.94	14.6	5.04	14.4	5.03	13.9	4.83	13.5	4.64	12.5	4.26
		-7.0	-7.6	15.2	5.00	15.1	5.10	14.4	4.82	13.9	4.64	13.5	4.45	12.5	4.10
		-5.0	-5.6	15.8	5.08	15.3	4.93	14.4	4.58	13.9	4.40	13.5	4.23	12.5	3.89
		-3.0	-3.7	16.3	5.05	15.3	4.70	14.4	4.37	13.9	4.20	13.5	4.04	12.5	3.72
		0.0	-0.7	16.3	4.70	15.3	4.38	14.4	4.07	13.9	3.92	13.5	3.77	12.5	3.48
		3.0	2.2	16.3	4.40	15.3	4.11	14.4	3.82	13.9	3.68	13.5	3.54	12.5	3.27
		5.0	4.1	16.3	4.23	15.3	3.95	14.4	3.68	13.9	3.54	13.5	3.41	12.5	3.15
		7.0	6.0	16.3	4.07	15.3	3.80	14.4	3.54	13.9	3.41	13.5	3.29	12.5	3.04
		9.0	7.9	16.3	3.92	15.3	3.67	14.4	3.42	13.9	3.29	13.5	3.17	12.5	2.94
		11.0	9.8	16.3	3.78	15.3	3.54	14.4	3.30	13.9	3.18	13.5	3.07	12.5	2.84
		13.0	11.8	16.3	3.65	15.3	3.42	14.4	3.19	13.9	3.08	13.5	2.97	12.5	2.75
		15.0	13.7	16.3	3.53	15.3	3.31	14.4	3.09	13.9	2.98	13.5	2.88	12.5	2.67
70	12.60	-19.8	-20.0	11.0	4.61	10.9	4.73	10.9	4.84	10.9	4.90	10.9	4.96	10.9	5.08
		-18.8	-19.0	11.3	4.67	11.3	4.79	11.3	4.90	11.2	4.96	11.2	5.02	11.0	4.97
		-16.7	-17.0	12.0	4.79	11.9	4.90	11.9	5.01	11.9	5.06	11.8	5.04	11.0	4.63
		-14.7	-15.0	12.6	4.90	12.6	5.00	12.6	5.11	12.2	4.91	11.8	4.72	11.0	4.33
		-12.6	-13.0	13.3	5.00	13.3	5.10	12.6	4.80	12.2	4.61	11.8	4.43	11.0	4.07
		-10.5	-11.0	14.0	5.09	13.4	4.87	12.6	4.52	12.2	4.35	11.8	4.18	11.0	3.85
		-9.5	-10.0	14.2	5.08	13.4	4.73	12.6	4.39	12.2	4.23	11.8	4.06	11.0	3.74
		-8.5	-9.1	14.2	4.95	13.4	4.61	12.6	4.28	12.2	4.12	11.8	3.96	11.0	3.65
		-7.0	-7.6	14.2	4.75	13.4	4.43	12.6	4.12	12.2	3.96	11.8	3.81	11.0	3.51
		-5.0	-5.6	14.2	4.51	13.4	4.21	12.6	3.91	12.2	3.77	11.8	3.62	11.0	3.35
		-3.0	-3.7	14.2	4.30	13.4	4.02	12.6	3.74	12.2	3.60	11.8	3.47	11.0	3.20
		0.0	-0.7	14.2	4.01	13.4	3.75	12.6	3.49	12.2	3.37	11.8	3.24	11.0	3.00
		3.0	2.2	14.2	3.77	13.4	3.52	12.6	3.29	12.2	3.17	11.8	3.05	11.0	2.83
		5.0	4.1	14.2	3.62	13.4	3.39	12.6	3.17	12.2	3.05	11.8	2.94	11.0	2.73
		7.0	6.0	14.2	3.49	13.4	3.27	12.6	3.05	12.2	2.95	11.8	2.84	11.0	2.64
		9.0	7.9	14.2	3.37	13.4	3.16	12.6	2.95	12.2	2.85	11.8	2.75	11.0	2.55
		11.0	9.8	14.2	3.26	13.4	3.05	12.6	2.85	12.2	2.76	11.8	2.66	11.0	2.47
		13.0	11.8	14.2	3.15	13.4	2.95	12.6	2.76	12.2	2.67	11.8	2.57	11.0	2.39
		15.0	13.7	14.2	3.05	13.4	2.86	12.6	2.68	12.2	2.59	11.8	2.50	11.0	2.32
60	10.80	-19.8	-20.0	10.9	4.91	10.9	5.01	10.8	5.06	10.5	4.86	10.1	4.66	9.41	4.29
		-18.8	-19.0	11.2	4.96	11.2	5.06	10.8	4.87	10.5	4.68	10.1	4.50	9.41	4.13
		-16.7	-17.0	11.9	5.07	11.5	4.89	10.8	4.54	10.5	4.36	10.1	4.19	9.41	3.86
		-14.7	-15.0	12.2	4.91	11.5	4.57	10.8	4.25	10.5	4.09	10.1	3.93	9.41	3.62
		-12.6	-13.0	12.2	4.61	11.5	4.30	10.8	4.00	10.5	3.85	10.1	3.70	9.41	3.42
		-10.5	-11.0	12.2	4.34	11.5	4.05	10.8	3.77	10.5	3.63	10.1	3.50	9.41	3.23
		-9.5	-10.0	12.2	4.22	11.5	3.94	10.8	3.67	10.5	3.54	10.1	3.41	9.41	3.15
		-8.5	-9.1	12.2	4.12	11.5	3.85	10.8	3.58	10.5	3.45	10.1	3.33	9.41	3.07
		-7.0	-7.6	12.2	3.96	11.5	3.70	10.8	3.45	10.5	3.33	10.1	3.20	9.41	2.96
		-5.0	-5.6	12.2	3.76	11.5	3.52	10.8	3.28	10.5	3.17	10.1	3.05	9.41	2.83
		-3.0	-3.7	12.2	3.60	11.5	3.37	10.8	3.14	10.5	3.03	10.1	2.92	9.41	2.71
		0.0	-0.7	12.2	3.36	11.5	3.15	10.8	2.95	10.5	2.84	10.1	2.74	9.41	2.55
		3.0	2.2	12.2	3.17	11.5	2.97	10.8	2.78	10.5	2.68	10.1	2.59	9.41	2.41
		5.0	4.1	12.2	3.05	11.5	2.86	10.8	2.68	10.5	2.59	10.1	2.50	9.41	2.32
		7.0	6.0	12.2	2.95	11.5	2.77	10.8	2.59	10.5	2.50	10.1	2.42	9.41	2.25
		9.0	7.9	12.2	2.85	11.5	2.67	10.8	2.51	10.5	2.42	10.1	2.34	9.41	2.18
		11.0	9.8	12.2	2.75	11.5	2.59	10.8	2.43	10.5	2.35	10.1	2.27	9.41	2.11
		13.0	11.8	12.2	2.67	11.5	2.51	10.8	2.35	10.5	2.27	10.1	2.20	9.41	2.05
		15.0	13.7	12.2	2.59	11.5	2.43	10.8	2.28	10.5	2.21	10.1	2.14	9.41	1.99
50	9.00	-19.8	-20.0	10.2	4.69	9.58	4.38	9.00	4.07	8.71	3.91	8.42	3.77	7.84	3.47
		-18.8	-19.0	10.2	4.52	9.58	4.22	9.00	3.92	8.71	3.78	8.42	3.64	7.84	3.35
		-16.7	-17.0	10.2	4.22	9.58	3.94	9.00	3.67	8.71	3.53	8.42	3.40	7.84	3.14
		-14.7	-15.0	10.2	3.95	9.58	3.70	9.00	3.44	8.71	3.32	8.42	3.20	7.84	2.96
		-12.6	-13.0	10.2	3.72	9.58	3.48	9.00	3.25	8.71	3.13	8.42	3.02	7.84	2.80
		-10.5	-11.0	10.2	3.52	9.58	3.29	9.00	3.08	8.71	2.97	8.42	2.86	7.84	2.65
		-9.5	-10.0	10.2	3.42	9.58	3.21	9.00	3.00	8.71	2.89	8.42	2.79	7.84	2.59
		-8.5	-9.1	10.2	3.34	9.58	3.13	9.00	2.93	8.71	2.83	8.42	2.73	7.84	2.53
		-7.0	-7.6	10.2	3.22	9.58	3.02	9.00	2.82	8.71	2.73	8.42	2.63	7.84	2.44
		-5.0	-5.6	10.2	3.07	9.58	2.88	9.00	2.70	8.71	2.60	8.42	2.51	7.84	2.34
		-3.0	-3.7	10.2	2.94	9.58	2.76	9.00	2.59	8.71	2.50	8.42	2.41	7.84	2.24
		0.0	-0.7	10.2	2.76	9.58	2.59	9.00	2.43	8.71	2.35	8.42	2.27	7.84	2.12
		3.0	2.2	10.2	2.60	9.58	2.45	9.00	2.30	8.71	2.22	8.42	2.15	7.84	2.01
		5.0	4.1	10.2	2.51	9.58	2.37	9.00	2.22	8.71	2.15	8.42	2.08	7.84	1.94
		7.0	6.0	10.2	2.43	9.58	2.29	9.00	2.15	8.71	2.08	8.42	2.01	7.84	1.88
		9.0	7.9	10.2	2.35	9.58	2.22	9.00	2.08	8.71	2.02	8.42	1.95	7.84	1.83
		11.0	9.8	10.2	2.28	9.58	2.15	9.00	2.02	8.71	1.96	8.42	1.90	7.84	1.77
		13.0	11.8	10.2	2.21	9.58	2.09	9.00	1.96	8.71	1.90	8.42	1.84	7.84	1.72
		15.0	13.7	10.2	2.15	9.58	2.03	9.00	1.91	8.71	1.85	8.42	1.79	7.84	1.68

3 Capacity tables

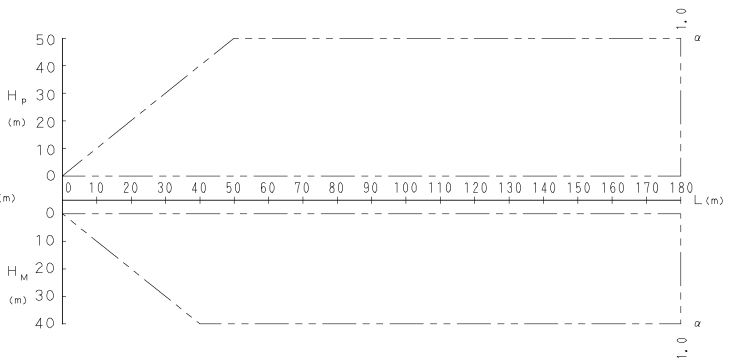
3 - 3 Capacity correction factor

RXYSQ4,5PV/RXYSQ4,5PY1

1. Rate of change in cooling capacity



2. Rate of change in heating capacity



3D045710C

NOTES

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit).

   Cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change

   In the case length of piping differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:

   Cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length

<As for RXYSQ4,5P7V3B>

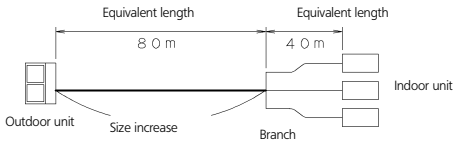
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas pipes (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	Gas	Liquid
RXYSQ4, 5P7V3B RXYSQ4, 5P7Y1B	ϕ 19.1	Not increased

5. When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows.

Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching

Example: RXYSQ4, 5P7V3B
: RXYSQ4, 5P7Y1B



In the above case (Cooling)
Overall equivalent length = 80m x 0.5 + 40m = 80m
The correction factor in capacity when Hp=0m is thus approximately 0.78.

Explanation of symbols

H_p : Level difference (m) between indoor and outdoor units where indoor in inferior position.
H_M : Level difference (m) between indoor and outdoor units where indoor in superior position.
L : Equivalent pipe length (m)
α : Capacity correction factor

[Diameter of pipes]

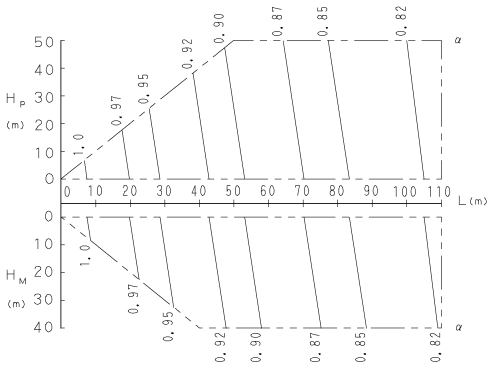
Model	Gas	Liquid
RXYSQ4, 5P7V3B RXYSQ4, 5P7Y1B	ϕ 15.9	ϕ 9.5

3 Capacity tables

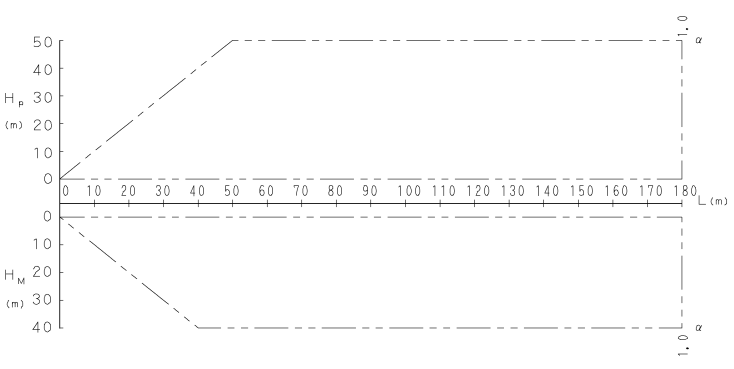
3 - 3 Capacity correction factor

RXYSQ6PV/RXYSQ6PY1

1. Rate of change in cooling capacity



2. Rate of change in heating capacity



3D045961C

NOTES

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
3. Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit).

   Cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table X each capacity rate of change

   In the case length of piping differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:

   Cooling / heating capacity = cooling / heating capacity of each unit X capacity rate of change for each piping length

<As for RXYSQ6P7V3B>

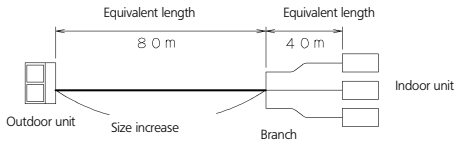
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas pipes (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	Gas	Liquid
RXYSQ6P7V3B RXYSQ6P7Y1B	φ 22.2	Not increased

5. When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows.

Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching

Example: RXYSQ6P7V3B
: RXYSQ6P7Y1B



In the above case (Cooling)
Overall equivalent length = 80m x 0.5 + 40m = 80m
The correction factor in capacity when Hp=0m is thus approximately 0.86.

Explanation of symbols

H_P : Level difference (m) between indoor and outdoor units where indoor in inferior position.
H_M : Level difference (m) between indoor and outdoor units where indoor in superior position.
L : Equivalent pipe length (m)
α : Capacity correction factor

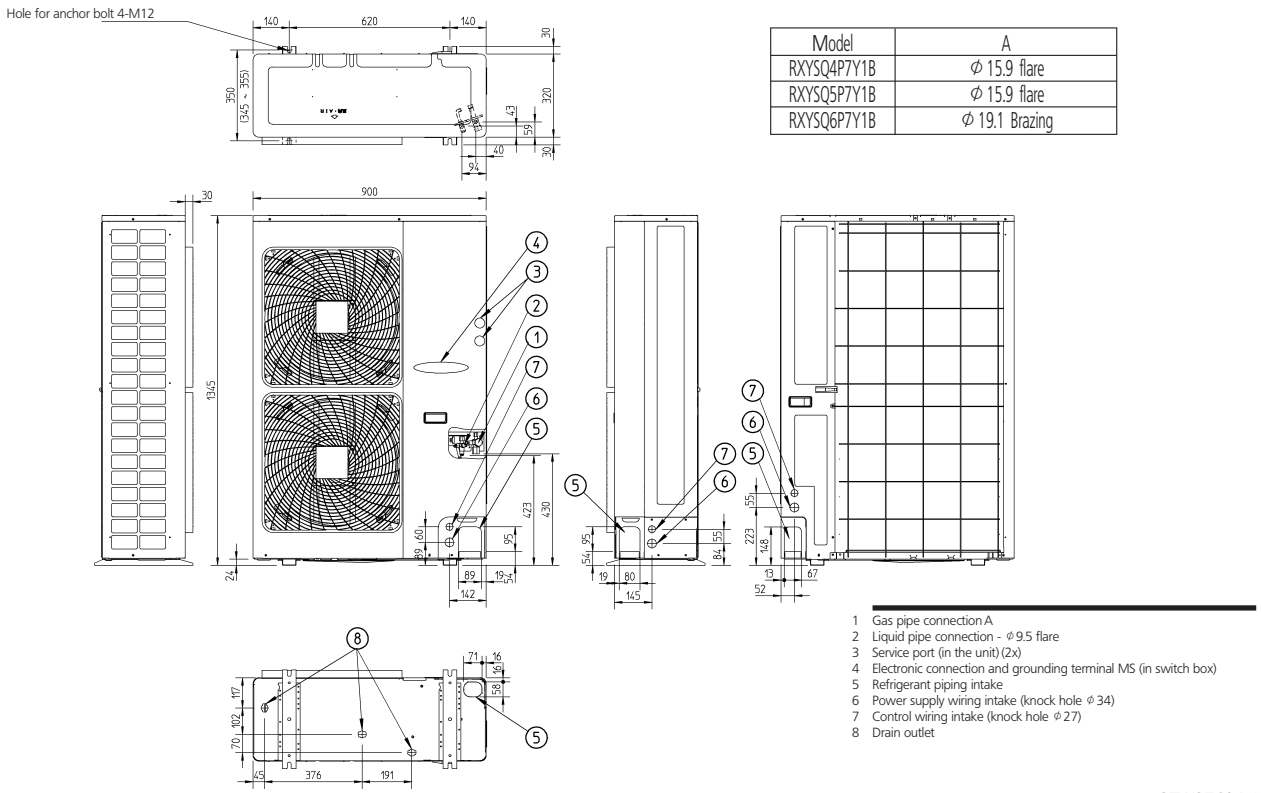
[Diameter of pipes]

Model	Gas	Liquid
RXYSQ6P7V3B RXYSQ6P7Y1B	φ 19.1	φ 9.5

4 Dimensional drawing & centre of gravity

4 - 1 Dimensional drawing

RXYSQ-PY1



Model	A
RXYSQ4P7Y1B	Φ 15.9 flare
RXYSQ5P7Y1B	Φ 15.9 flare
RXYSQ6P7Y1B	Φ 19.1 Brazing

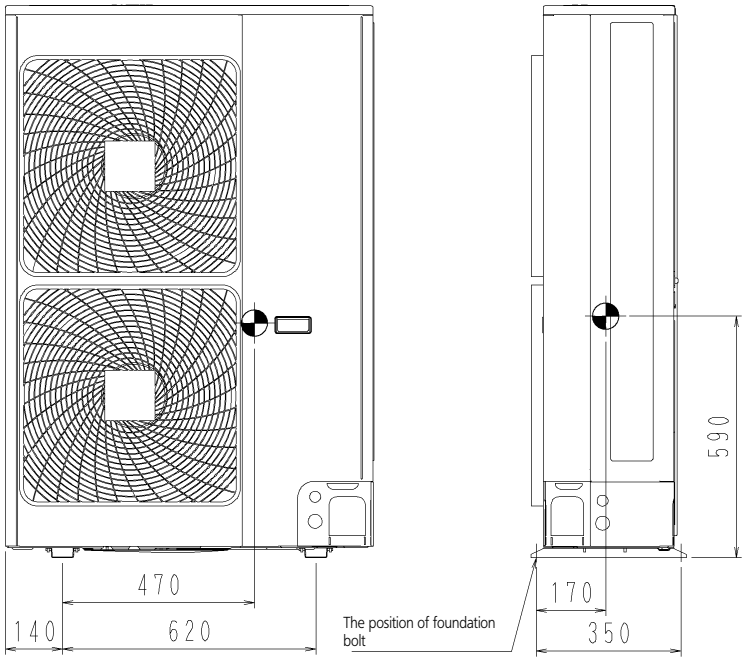
1 Gas pipe connection A
2 Liquid pipe connection - Φ 9.5 flare
3 Service port (in the unit) (2x)
4 Electronic connection and grounding terminal MS (in switch box)
5 Refrigerant piping intake
6 Power supply wiring intake (knock hole Φ 34)
7 Control wiring intake (knock hole Φ 27)
8 Drain outlet

3TW27604-1B

4 Dimensional drawing & centre of gravity

4 - 2 Centre of gravity

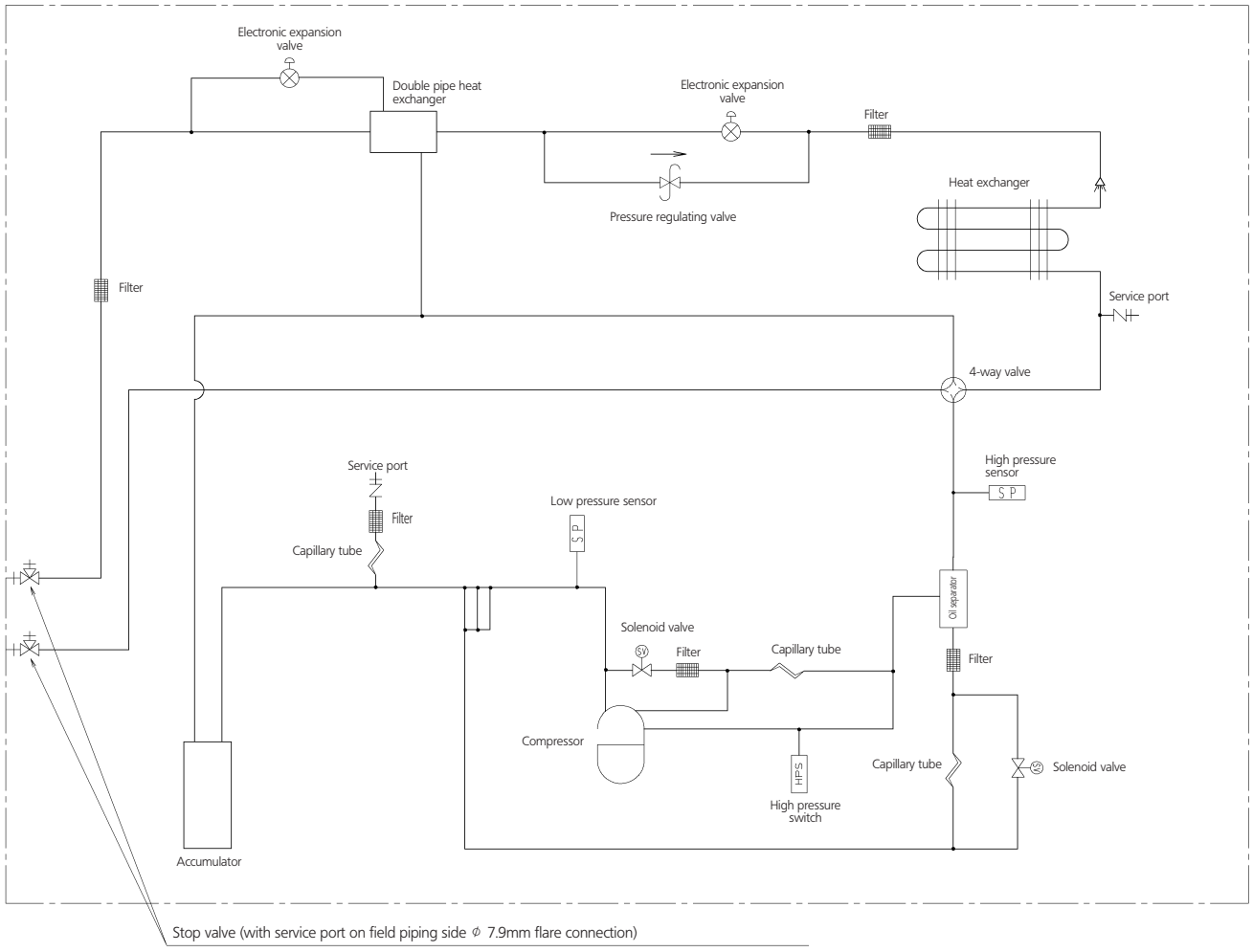
RXYSQ-PY1



4D057918

5 Piping diagram

RXYSQ-PY1

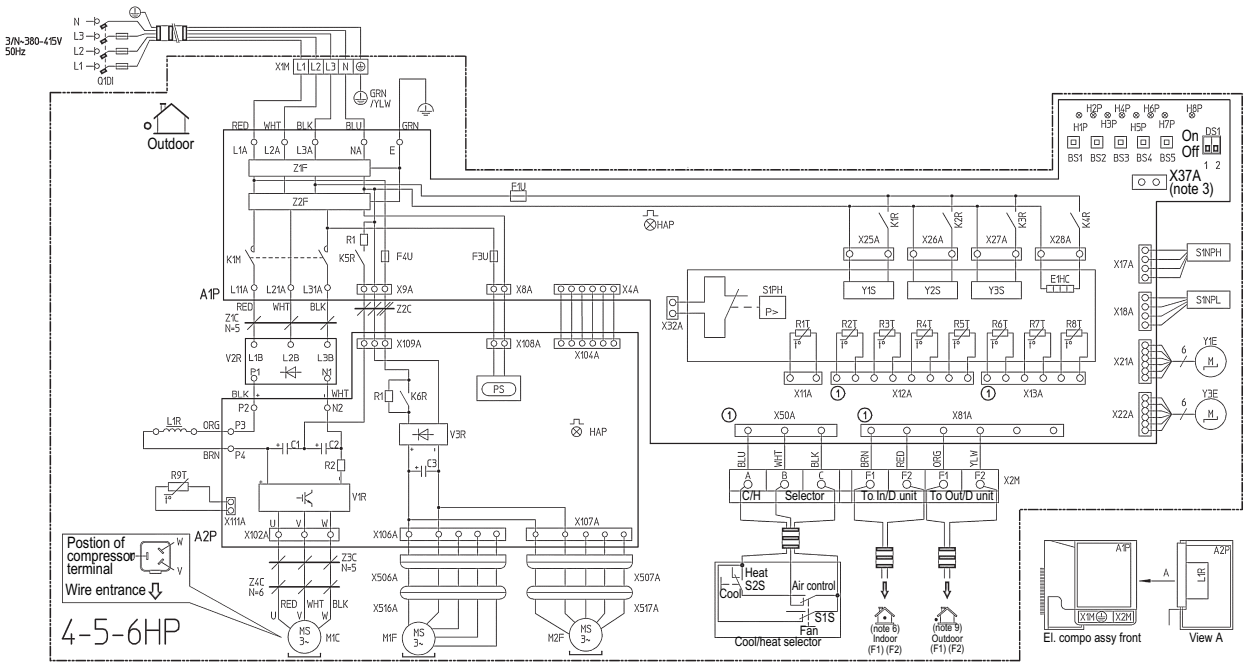


3D057917

6 Wiring diagram

6 - 1 Wiring diagram

RXYSQ4,5,6PY1



Cool / heat selector		HAP (A2P)	Light emitting diode (service monitor green)	R6T	Thermistor (heat exchanger)
S1S	Selector switch (fan / cool - heat)			R7T	Thermistor (liquid 1)
S2S	Selector switch (cool - heat)	K1M (A1P)	Magnetic contactor	R8T	Thermistor (liquid 2)
Connector of option adapter		K1R	Magnetic relay (Y1S)	R9T	Thermistor (power module)
X37A (note 3)	Connector (option adapter power supply)	K2R	Magnetic relay (Y2S)	S1NPH	Pressure sensor (high)
		K3R	Magnetic relay (E1HC)	S1NPL	Pressure sensor (low)
L1 - RED	L2 - WHT / L3 - BLK / N - BLU	K4R	Magnetic relay (E1HC)	S1PH	Pressure switch (high)
A1P	Printed circuit board (main)	K5R, K6R	Magnetic relay	V1R	Power module
A2P	Prtinted circuit board (INV)	L1R	Reactor	V2R, V3R	Diode module
BS1~BS5	Push button switch (mode, set, return, test, reset)	M1C	Motor (compressor)	X1M	Terminal strip (power supply)
		M1F	Motor (fan) (lower)	X2M	Terminal strip (control) (c/H selector)
C1~C3	Capacitor	M2F	Motor (fan) (lower)		
DS1-1 DS1-2	DIP switch	PS	Switching power supply	Y1E	Electronic expansion valve (main)
		Q1DI	Field earth leadage breaker (300mA)	Y3E	Electronic expansion valve (subcool)
E1HC	Crankcase heater	R1(A1P)	Resistor	Y1S	Solenoid valve (4 way valve)
F1,3,4U (A1P)	Fuse (T 6.3A / 250V)	R1(A2P) R2(A2P)	Resistor	Y2S	Solenoid valve (hot gas)
				Y3S	Solenoid valve (U/L circuit)
H1P~H8P	Light emit, diode (serv. monitor-orange) [H2P] Prepare, test - - - - flickering Malfunction detection - - light up	R1T	Thermistor (air)	Z1C~Z4C	Noise filter (ferrite core)
		R2T	Thermistor (M1C discharge)	Z1F	Noise filter (with surge absorber)
		R3T	Thermistor (suction 1)	Z2F	Noise filter
HAP (A1P)	Light emitting diode (service monitor green)	R4T	Thermistor (subcool)		
		R5T	Thermistor (suction 2)		

: Field wiring
: Terminal strip
: Connector
: Movable connector
: Fixed connector
: Protective earth (screw)
: Functional earthing
: Terminal

Colors:
BLK: Black
BLU: Blue
BRN: Brown
ORG: Orange
PNK: Pink
RED: Red
WHT: White
YLW: Yellow

2TW29226-1

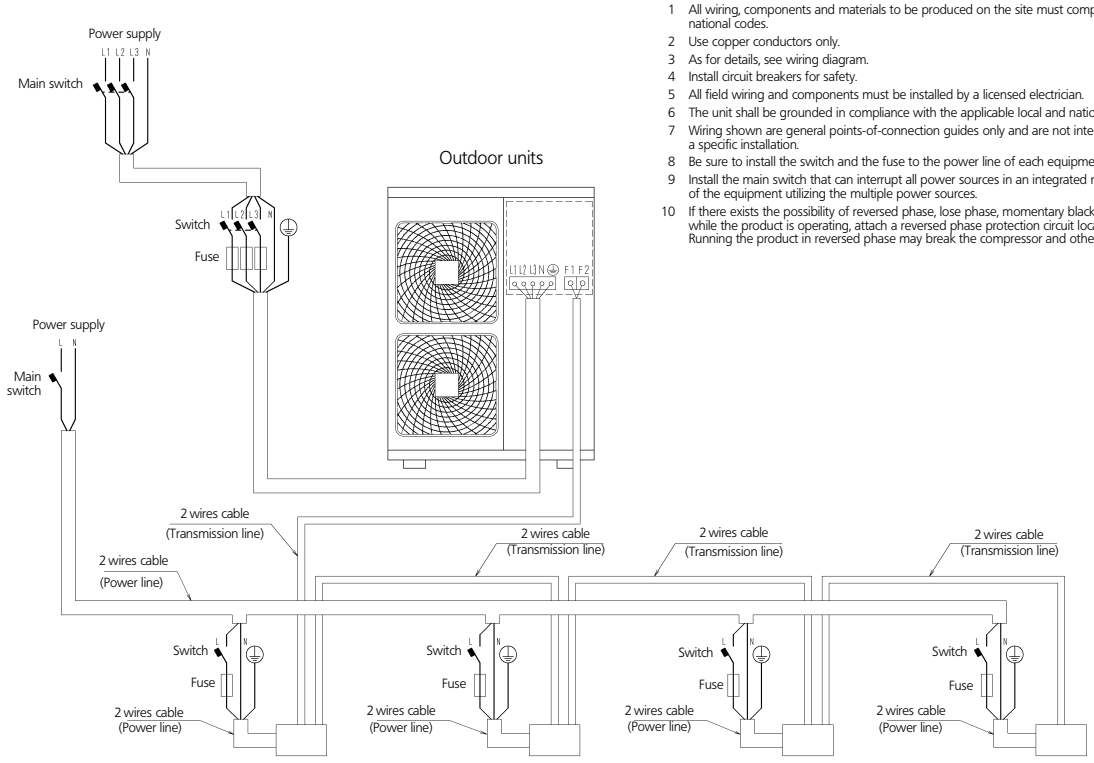
NOTES

1 This wiring diagram only applies to the outdoor unit.
2 L: live, N: neutral
3 When using the option adapter, refer to the installation manual.
4 Refer to the “installation or service manual” on how to use BS1 ~ BS5 push button switch and DS1-1, DS1-2 DIP switch.
5 Do not operate the unit by short-circuiting protection device S1PH.
6 Refer to the installation manual for connection wiring to indoor - outdoor transmission F1-F2.
7 When using the central control system, connect outdoor-outdoor transmission F1-F2.

6 Wiring diagram

6 - 2 External connection diagram

RXYSQ-PY1



Notes)

1. All wiring, components and materials to be produced on the site must comply with the applicable local and national codes.
2. Use copper conductors only.
3. As for details, see wiring diagram.
4. Install circuit breakers for safety.
5. All field wiring and components must be installed by a licensed electrician.
6. The 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.
9. Install the main switch that can interrupt all power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10. If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
    Running the product in reversed phase may break the compressor and other parts.

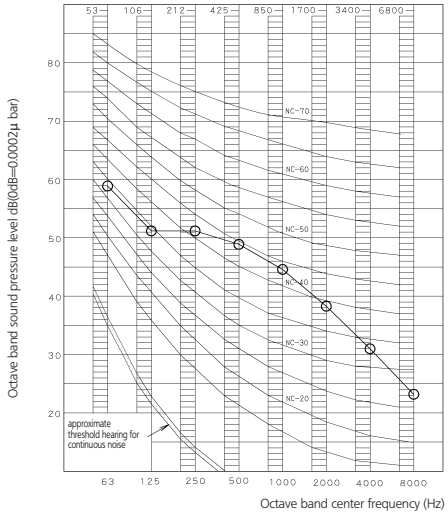
3D057919

7 Sound data

7 - 1 Sound pressure spectrum

RXYSQ4PY1 - Cooling

4D057920



NOTES

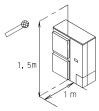
1 Over all (dB)
(B.G.N is already rectified)

Scale A	50.0
Scale C	62.0

2 Measuring place: Anechoic chamber

3 Operating conditions:
- Power source: 380-415V 50Hz
- Cooling: Return air temperature: 27°C DB, 19°C WB; Outdoor temperature: 35°C DB, 24°C WB

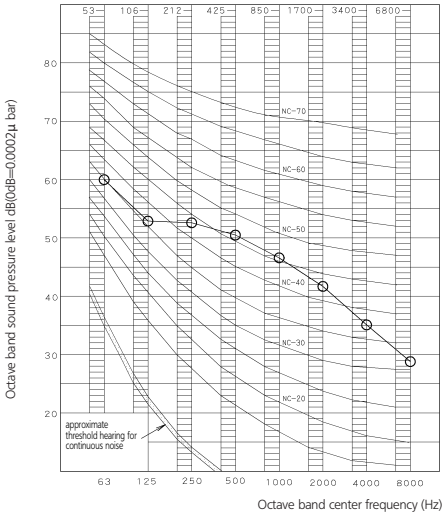
4 Location of microphone



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

RXYSQ4PY1 - Heating

4D057923



NOTES

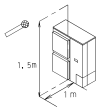
1 Over all (dB)
(B.G.N is already rectified)

Scale A	52
Scale C	63.5

2 Measuring place: Anechoic chamber

3 Operating conditions:
- Power source 380-415V 50Hz
- Heating: Return air temperature: 20°C DB;

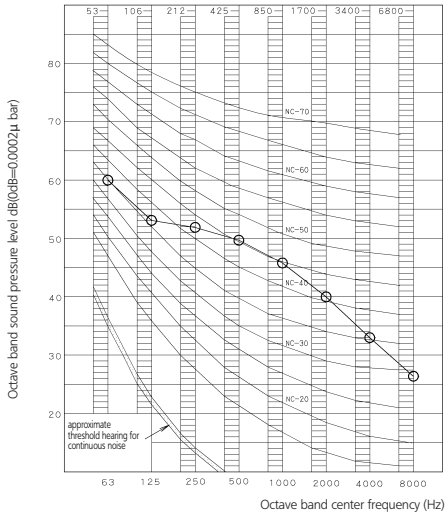
4 Location of microphone



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

RXYSQ5PY1 - Cooling

4D057921



NOTES

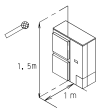
1 Over all (dB)
(B.G.N is already rectified)

Scale A	51.0
Scale C	63.5

2 Measuring place: Anechoic chamber

3 Operating conditions:
- Power source 380-415V 50Hz
- Cooling: Return air temperature: 27°C DB, 19°C WB; Outdoor temperature: 35°C DB, 24°C WB

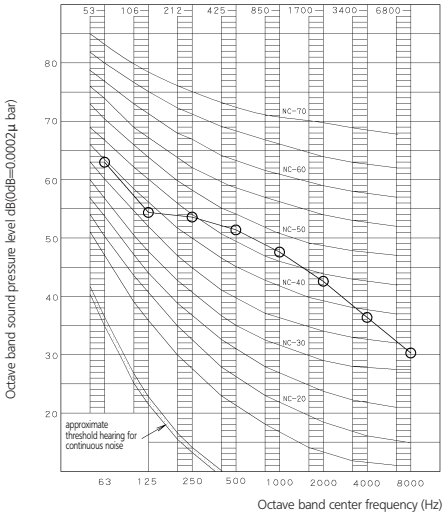
4 Location of microphone



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

RXYSQ5PY1 - Heating

4D057924



NOTES

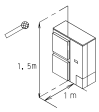
1 Over all (dB)
(B.G.N is already rectified)

Scale A	53.0
Scale C	65.3

2 Measuring place: Anechoic chamber

3 Operating conditions:
- Power source 380-415V 50Hz
- Heating: Return air temperature: 20°C DB;

4 Location of microphone

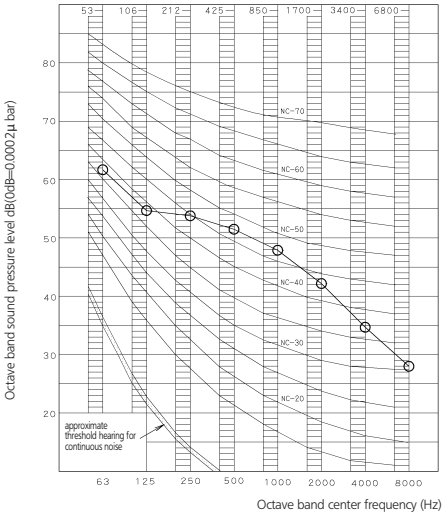


5 The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to enviromental noise and sound reflection.

7 Sound data

7 - 1 Sound pressure spectrum

RXYSQ6PY1 - Cooling 4D057922



NOTES

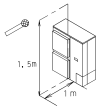
1 Over all (dB)
(B.G.N is already rectified)

Scale A	53.0
Scale C	64.5

2 Measuring place: Anechoic chamber

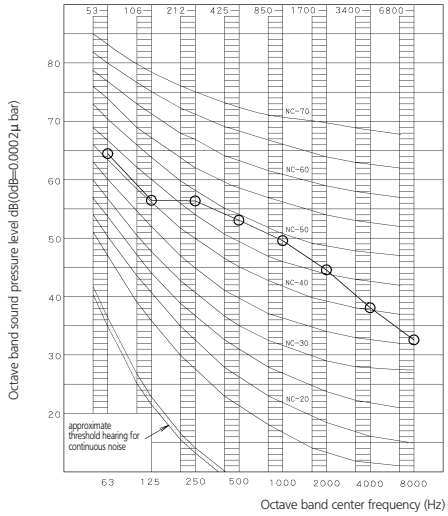
3 Operating conditions:
- Power source 380-415V 50Hz
- Cooling: Return air temperature: 27°C DB, 19°C WB; Outdoor temperature: 35°C DB, 24°C WB

4 Location of microphone



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

RXYSQ6PY1 - Heating 4D057925



NOTES

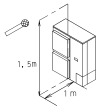
1 Over all (dB)
(B.G.N is already rectified)

Scale A	55.0
Scale C	67.0

2 Measuring place: Anechoic chamber

3 Operating conditions:
- Power source 380-415V 50Hz
- Heating: Return air temperature: 20°C DB;

4 Location of microphone

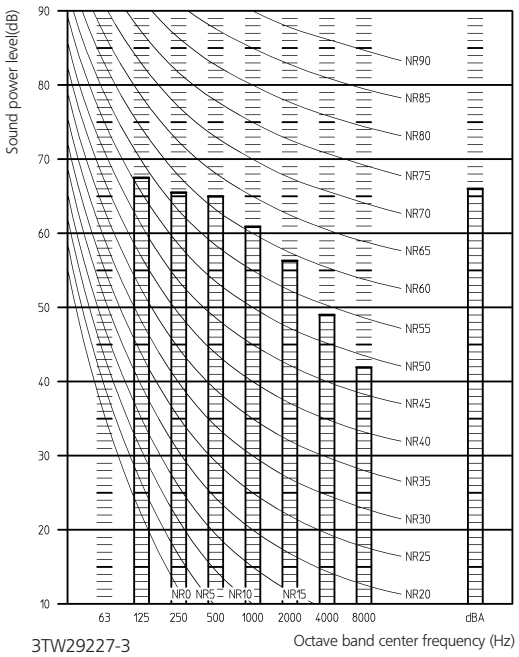


5 The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to enviromental noise and sound reflection.

7 Sound data

7 - 2 Sound power spectrum

RXYSQ4PY1

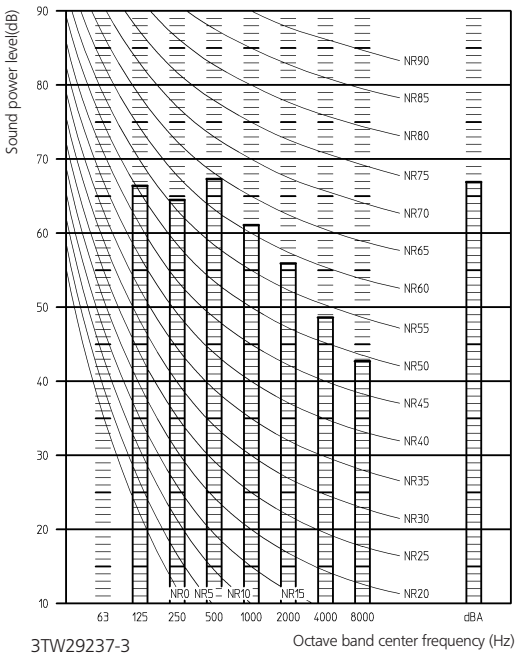


3TW29227-3

NOTES

1 dBA = A-weighted sound power level (A-scale according to IEC)
2 Reference acoustic intensity 0dB = 10E-12W/m^2.
3 Measured according to ISO 3744

RXYSQ5PY1

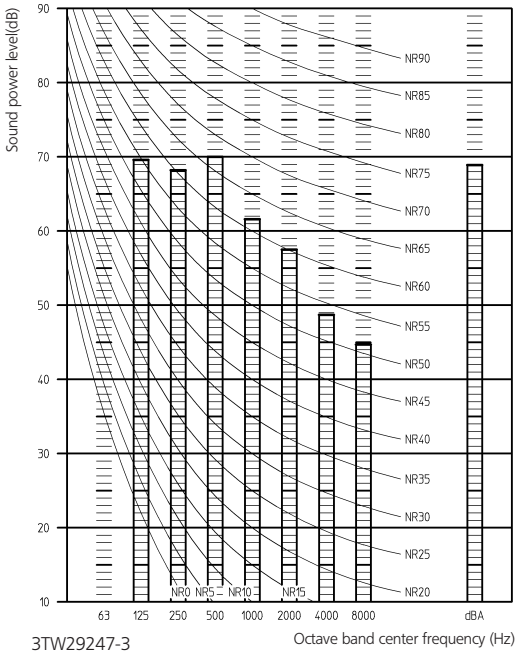


3TW29237-3

NOTES

1 dBA = A-weighted sound power level (A-scale according to IEC)
2 Reference acoustic intensity 0dB = 10E-12W/m^2.
3 Measured according to ISO 3744

RXYSQ6PY1



3TW29247-3

NOTES

1 dBA = A-weighted sound power level (A-scale according to IEC)
2 Reference acoustic intensity 0dB = 10E-12W/m^2.
3 Measured according to ISO 3744

8 Installation

8 - 1 Service space

RXYSQ-PY1

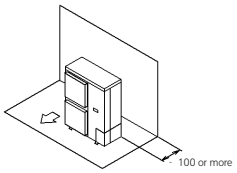
Required installation space

The unit of the values is mm.

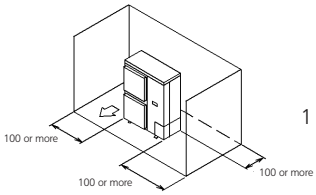
1. Where there is an obstacle on the suction side

(a) No obstacle above

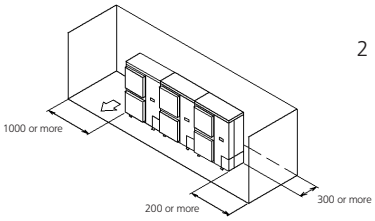
1 Stand-alone installation
- Obstacle on the suction side only.



- Obstacle on both sides.

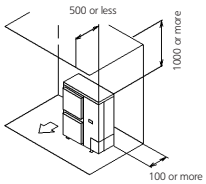


2 Series installation (2 or more).
- Obstacle on both sides

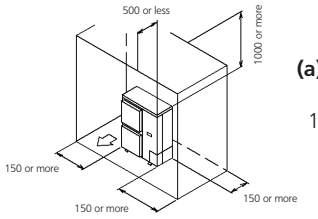


(b) Obstacle above, too.

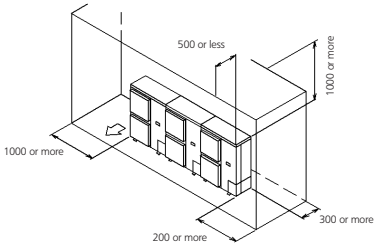
1 Stand-alone installation
- Obstacle on the suction side,.



- Obstacle on the suction side and both sides.



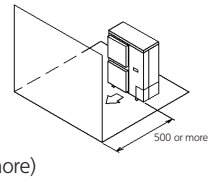
2 Series installation (2 or more).
- Obstacle on the suction side and both sides.



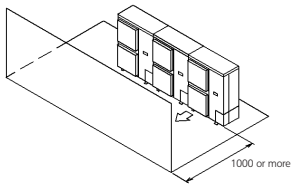
(2) Where there is an obstacle on the discharge side

(a) No obstacle above

(1) Stand-alone installation

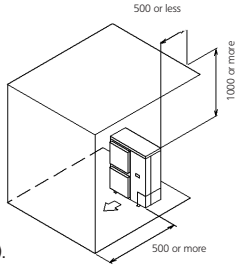


(2) Series installation (2 or more)

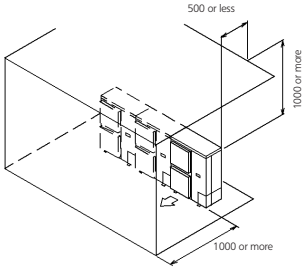


(b) Obstacle above, too.

1 Stand-alone installation



2 Series installation (2 or more).



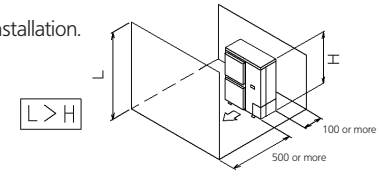
3. Where there are obstacles on both suction and discharge sides:

Pattern 1

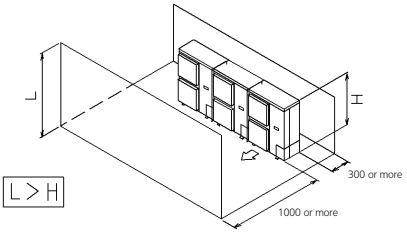
Where the obstacles on the discharge side is higher than the unit.
(There is no height limit for obstructions on the intake side.)

(a) No obstacle above.

1 Stand-alone installation.



2 Series installation (2 or more).



3D045696C

8 Installation

8 - 1 Service space

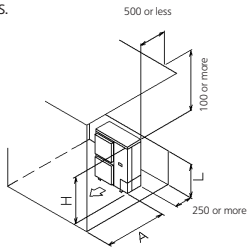
RXYSQ-PY1

(b) Obstacle above, too

1 Stand-alone installation.

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

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

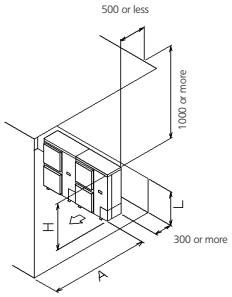


Close the bottom of the installation frame to prevent the discharged air from being bypassed.

2 Series installation (2 or more).

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

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



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

Only two units can be installed for this series.

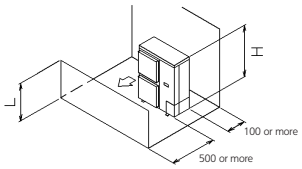
Pattern 2

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

(a) No obstacle above.

1 Stand-alone installation.

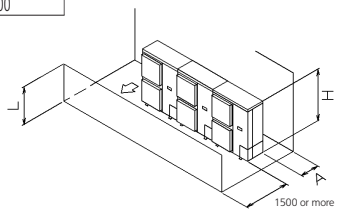
L ≦ H



2 Series installation (2 or more).

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

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

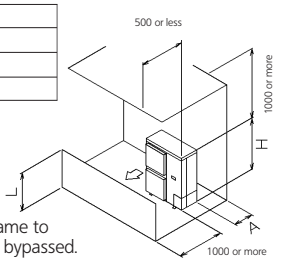


(b) Obstacle above, too.

1 Stand-alone installation.

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

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

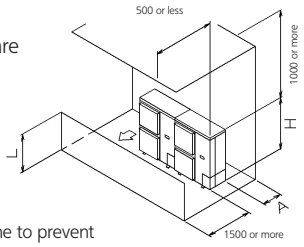


Close the bottom of the installation frame to prevent the discharged air from being bypassed.

1 Series installation.

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

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



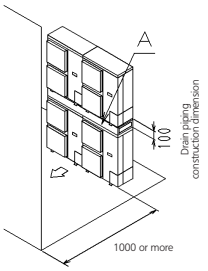
Close the bottom of the installation frame to prevent the discharged air from being bypassed.

Only two units can be installed for this series.

4. Double-decker installation

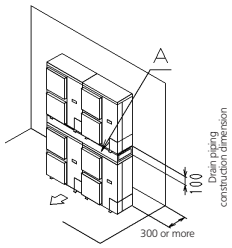
(a) Obstacle on the discharge side.
Close the gap A (the gap between the upper and lower outdoor units) to prevent the discharged air from being bypassed.

Do not stack more than two unit..



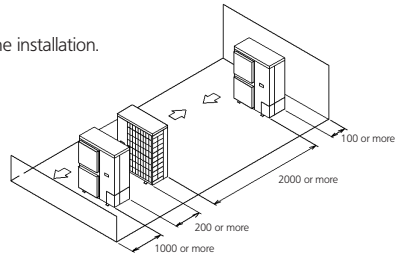
(b) Obstacle on the suction side only.
Close the gap A (the gap between the upper and lower outdoor units) to prevent the discharged air from being bypassed.

Do not stack more than one unit..

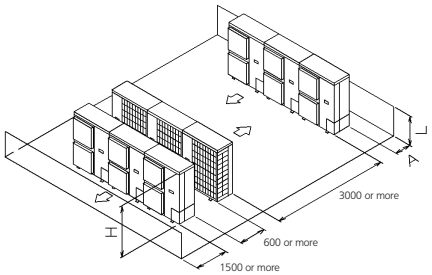


5. Multiple rows of series installation (on the rooftop, etc.).

(a) One row of stand-alone installation.



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



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

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

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8 Installation

8 - 2 Refrigerant pipe selection

Example of connection
(Connection of 8 indoor units Heat pump system)

1 indoor unit
2 refnet joint
3 refnet header

			Branch with refnet joint	Branch with refnet joint and refnet header	Branch with refnet header
Maximum allowable length	Between outdoor and indoor units	Actual pipe length	Pipe length between outdoor and indoor units ≤150 m [Example] unit 8: a+b+c+d+e+f+g+p≤150 m	[Example] unit 6: a+b+h≤150 m, unit 8: a+i+k≤150 m	[Example] unit 8: a+i≤150 m
		Equivalent length	Equivalent pipe length between outdoor and indoor units ≤175 m (Assume equivalent pipe length of refnet joint to be 0.5 m and of the refnet header to be 1.0 m. (for calculation purposes))		
		Total extension length	Total piping length from outdoor unit to all indoor units between 10 m and 300 m		
Allowable height	Between outdoor and indoor units	Difference in height	Difference in height between outdoor and indoor units (H1)≤50 m (≤40 m if outdoor unit is located in a lower position).		
	Between indoor and indoor units	Difference in height	Difference in height between adjacent indoor units (H2)≤15 m		
Allowable length after the branch		Actual pipe length	Pipe length from first refrigerant branch kit (either refnet joint or refnet header) to indoor unit ≤40 m [Example] unit 8: b+c+d+e+f+g+p≤40 m	[Example] unit 6: b+h≤40 m, unit 8: i+k≤40 m	[Example] unit 8: i≤40 m

Refrigerant branch kit selection
Refrigerant branch kits can only be used with R410A.

Use the following refnet joint

Outdoor unit capacity type	Refrigerant branch kit name
RXYSQ4~6	KHRQ22M20T

Use the following refnet header

Outdoor unit capacity type	Refrigerant branch kit name
RXYSQ4~6	KHRQ22M29H

Pipe size selection
Caution on selecting connection pipes
If the overall equivalent piping length is ≥90 m, be sure to enlarge the pipe diameter of the gas-side main piping. If the recommended pipe size is not available, stick to the original pipe diameter (which may result in a small capacity decrease).
[Gas side]
RXYSQ4+5: Ø15.9→Ø19.1
RXYSQ6: Ø19.1→Ø22.2

1 Main pipe (enlarge)
2 First refrigerant branch kit
3 Indoor unit

A. Piping between outdoor unit and refrigerant branch kit
• Match to the size of the connection piping on the outdoor unit.

Outdoor unit connection piping size

Outdoor unit capacity type	Piping size (outer diameter x minimum thickness) Gas pipe	Liquid pipe
RXYSQ4+5	Ø15.9x1.0 (Ø19.1x1.0)	Ø9.5x0.8
RXYSQ6	Ø19.1x1.0 (Ø22.2x1.0)	

B. Piping between refrigerant branch kits
• Use the pipe size from the following table.

Piping size (outer diameter x minimum thickness) Gas pipe	Liquid pipe
Ø15.9x1.0	Ø9.5x0.8

C. Piping between refrigerant branch kit and indoor unit
• Pipe size for direct connection to indoor unit must be the same as the connection size of indoor unit.

Indoor capacity index	Piping size (outer diameter x minimum thickness) Gas pipe	Liquid pipe
20+25+32+40+50	Ø12.7x0.8	Ø6.4x0.8
63+80+100+125	Ø15.9x1.0	Ø9.5x0.8

How to calculate the additional refrigerant to be charged
Additional refrigerant to be charged R (kg)
R should be rounded off in units of 0.1 kg

$$R = \left(\text{Total length (m) of liquid piping size at Ø9.5}\right) \times 0.054 + \left(\text{Total length (m) of liquid piping size at Ø6.4}\right) \times 0.022$$

Example for refrigerant branch using refnet joint and refnet header

a: Ø9.5x30 m	d: Ø9.5x13 m	g: Ø6.4x10 m	j: Ø6.4x10 m
b: Ø9.5x10 m	e: Ø6.4x10 m	h: Ø6.4x20 m	k: Ø6.4x9 m
c: Ø9.5x10 m	f: Ø6.4x10 m	i: Ø9.5x10 m	

R=[73 x 0.054] + [69 x 0.022] = 5.46 ⇒ 5.5 kg

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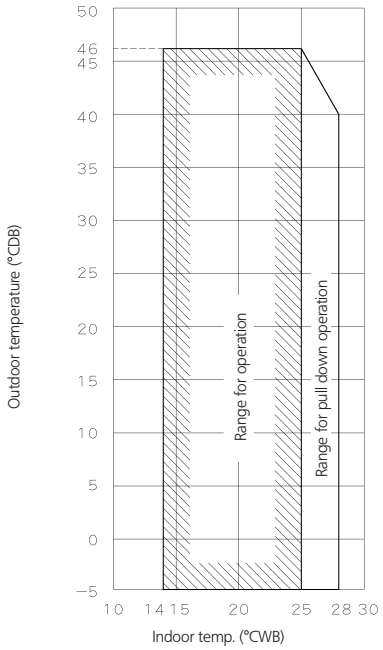
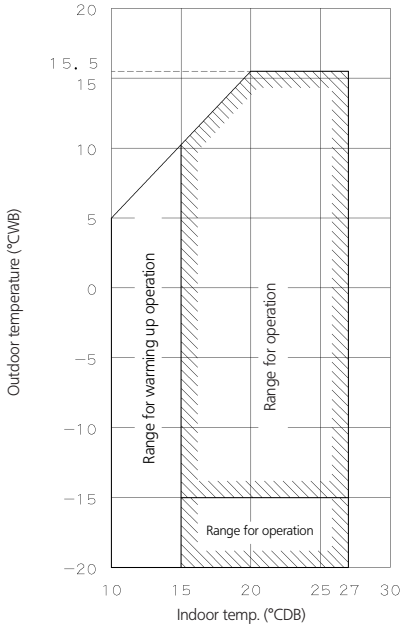
9 Operation range

RXYSQ-PY1

Cooling



Heating



Notes:

These figures assume the following operating conditions.

Indoor and outdoor units:

- Equivalent piping length 7.5m
- Level difference 0m

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