

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.

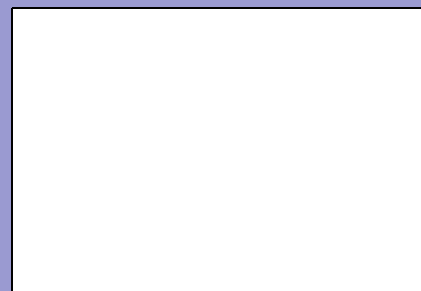


Daikin units comply with the European regulations that guarantee the safety of the product.

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..

"The present publication is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V.. Daikin Europe N.V. has compiled the content of this publication to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this publication. All content is copyrighted by Daikin Europe N.V.."



DAIKIN EUROPE N.V.

Naamloze Vennootschap
Zandvoordestraat 300
B-8400 Ostend, Belgium
www.daikin.eu
BTW: BE 0412 120 336
RPR Oostende

technical data

RXYSQ4-6P7Y1B

air conditioning systems

VRV[®] III-S

TABLE OF CONTENTS

RXYSQ4-6P7Y1B

1	Specifications	5
	Technical Specifications	5
	Electrical Specifications	7
2	Options	8
3	Capacity tables	9
	Cooling capacity tables	9
	Heating capacity tables	15
	Capacity correction factor	21
4	Dimensional drawing & centre of gravity	23
	Dimensional drawing	23
	Centre of gravity	24
5	Piping diagram	25
6	Wiring diagram	26
	Wiring diagram	26
	External connection diagram	27
7	Sound data	28
	Sound pressure spectrum	28
	Sound power spectrum	30
8	Installation	31
	Service space	31
	Refrigerant pipe selection	33
9	Operation range	34

1 Specifications

1

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	

5

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

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
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

- 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
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
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

- 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
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	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
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

- 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
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	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
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

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

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	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
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

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	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
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

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

Capacity tables

3 - 2 Heating capacity tables

RXYSQ5PY1

RXYSQSPY1		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	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
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.									

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	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
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	21.0	5.19
		13.0	11.8	21.9	4.82	21.9	4.93	21.8	5.04	21.8	5.10	21.8	5.15	21.7	5.24
		15.0	13.7	22.6	4.88	22.5	4.99	22.5	5.10	22.4	5.15	22.4	5.19	22.3	5.28
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

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

3 Capacity tables

3 - 2 Heating capacity tables

RXYSQ6PY1

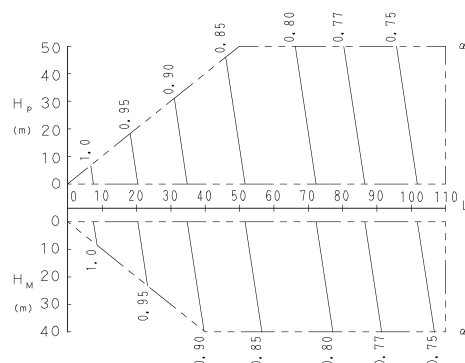
RXYSQ6PY1		TC: Total capacity (kW); PI: Power input (kW) (Compressor + outdoor fan motor)													
Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temp.: °CDB											
				16°C		18°C		20°C		21°C		22°C		24°C	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	16.20	-19.8	-20.0	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									

3 Capacity tables

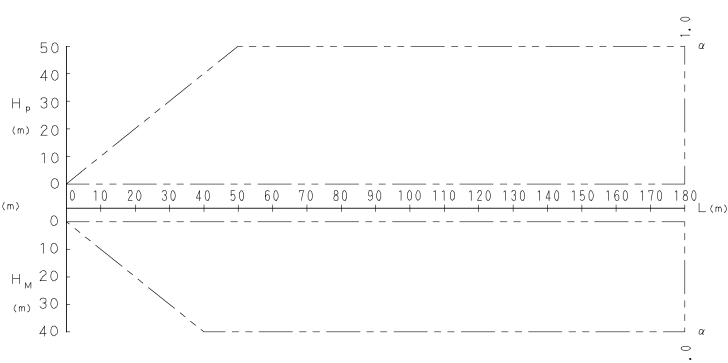
3 - 3 Capacity correction factor

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 × 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 × capacity rate of change for each piping length

<As for RXYSQ4,5P7V3B>

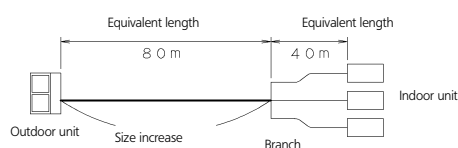
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas pipes (outdoor unit-branch sections) must be increased.
[Diameter of above case]

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 × 0.5 + Equivalent length after branching

Example: RXYSQ4, 5P7V3B
: RXYSQ4, 5P7Y1B



In the above case (Cooling)

Overall equivalent length = 80m × 0.5 + 40m = 80m

The correction factor in capacity when $H_p=0m$ 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]

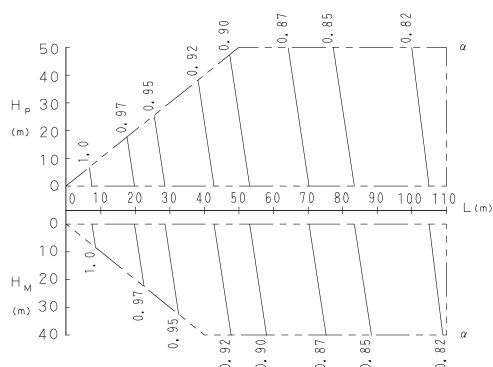
Model	Gas	Liquid
RXYSQ4, 5P7V3B RXYSQ4, 5P7Y1B	φ 15.9	φ 9.5

3 Capacity tables

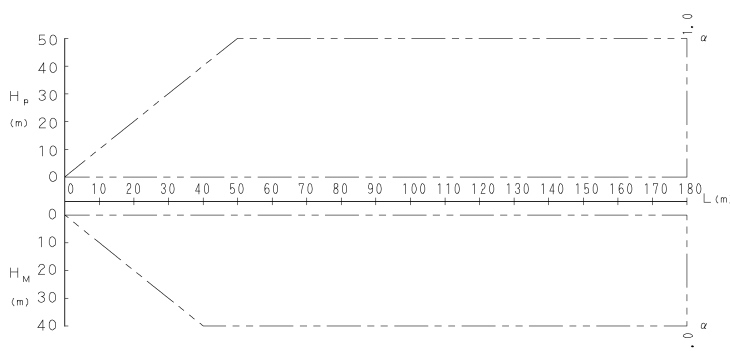
3 - 3 Capacity correction factor

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]

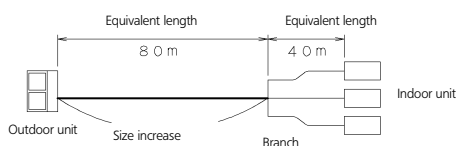
Model	Gas	Liquid
RXYSQ6P7V3B RXYSQ6P7Y1B	φ 22.2	Not increased

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 $H_p=0m$ 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)

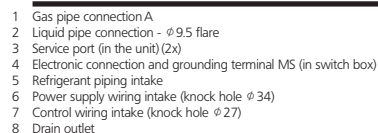
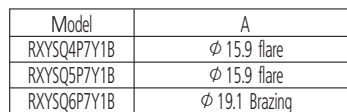
α : Capacity correction factor

[Diameter of pipes]

Model	Gas	Liquid
RXYSQ6P7V3B RXYSQ6P7Y1B	φ 19.1	φ 9.5

4 - 1 Dimensional drawing

4

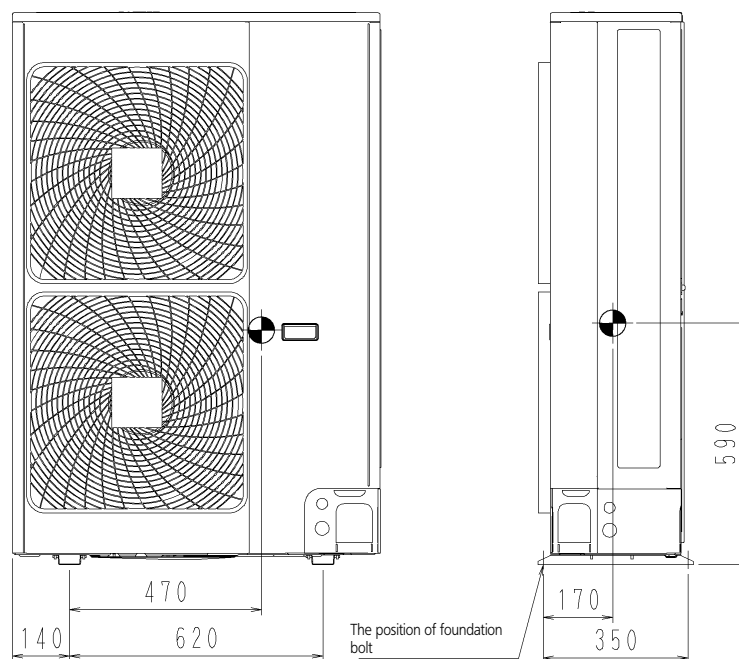


3TW27604-1B

4 Dimensional drawing & centre of gravity

4 - 2 Centre of gravity

RXYSQ-PY1

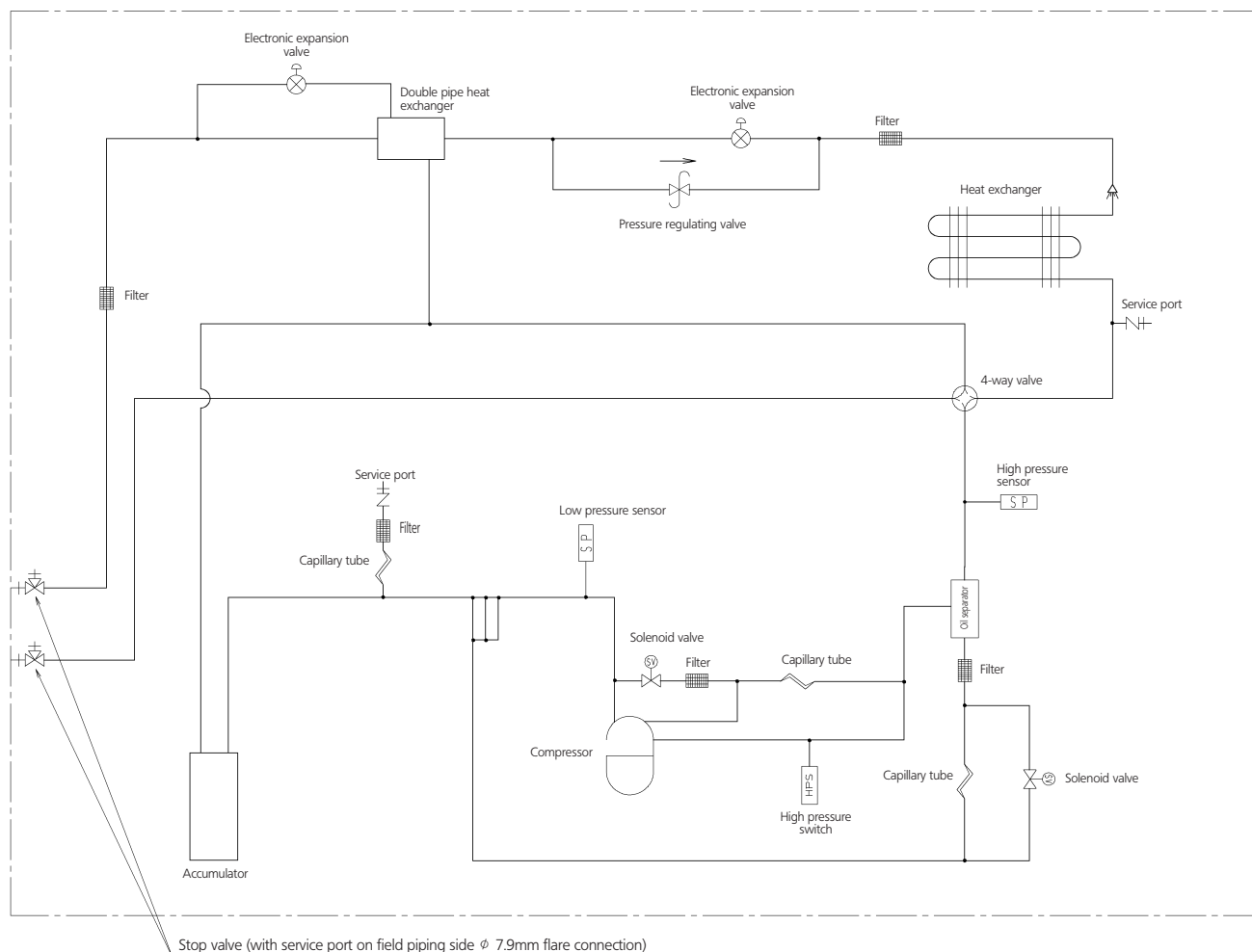


4D057918

5 Piping diagram

5

RXYSQ-PY1

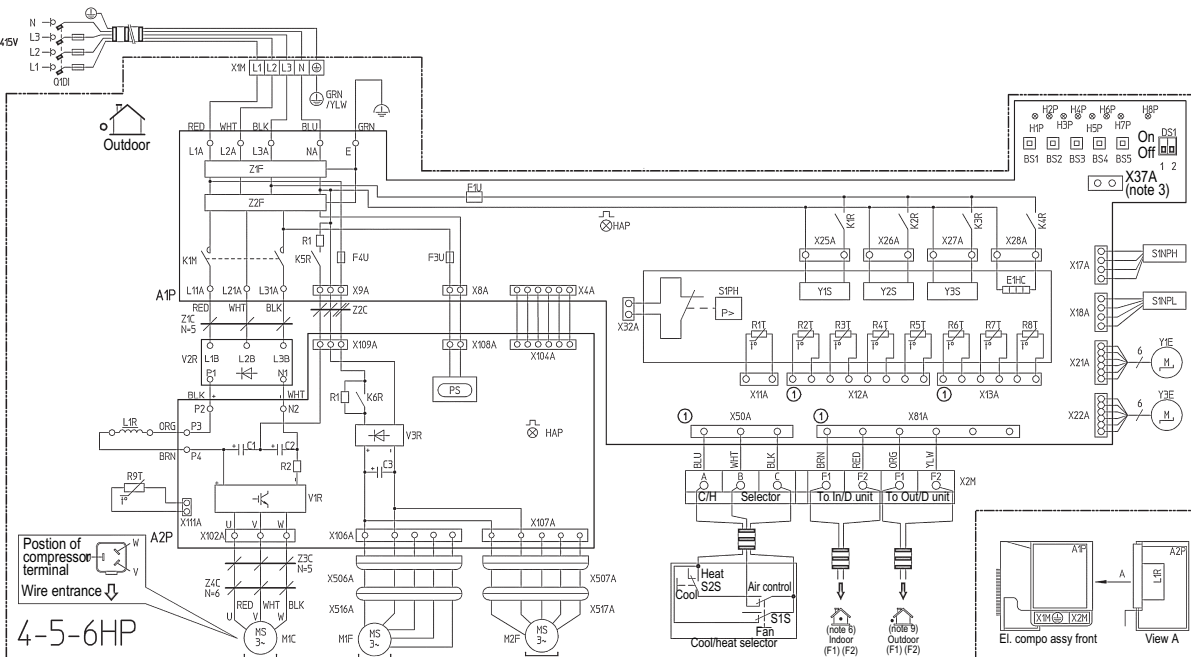


3D057917

6 Wiring diagram

6 - 1 Wiring diagram

RXYSQ4,5,6PY1



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

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

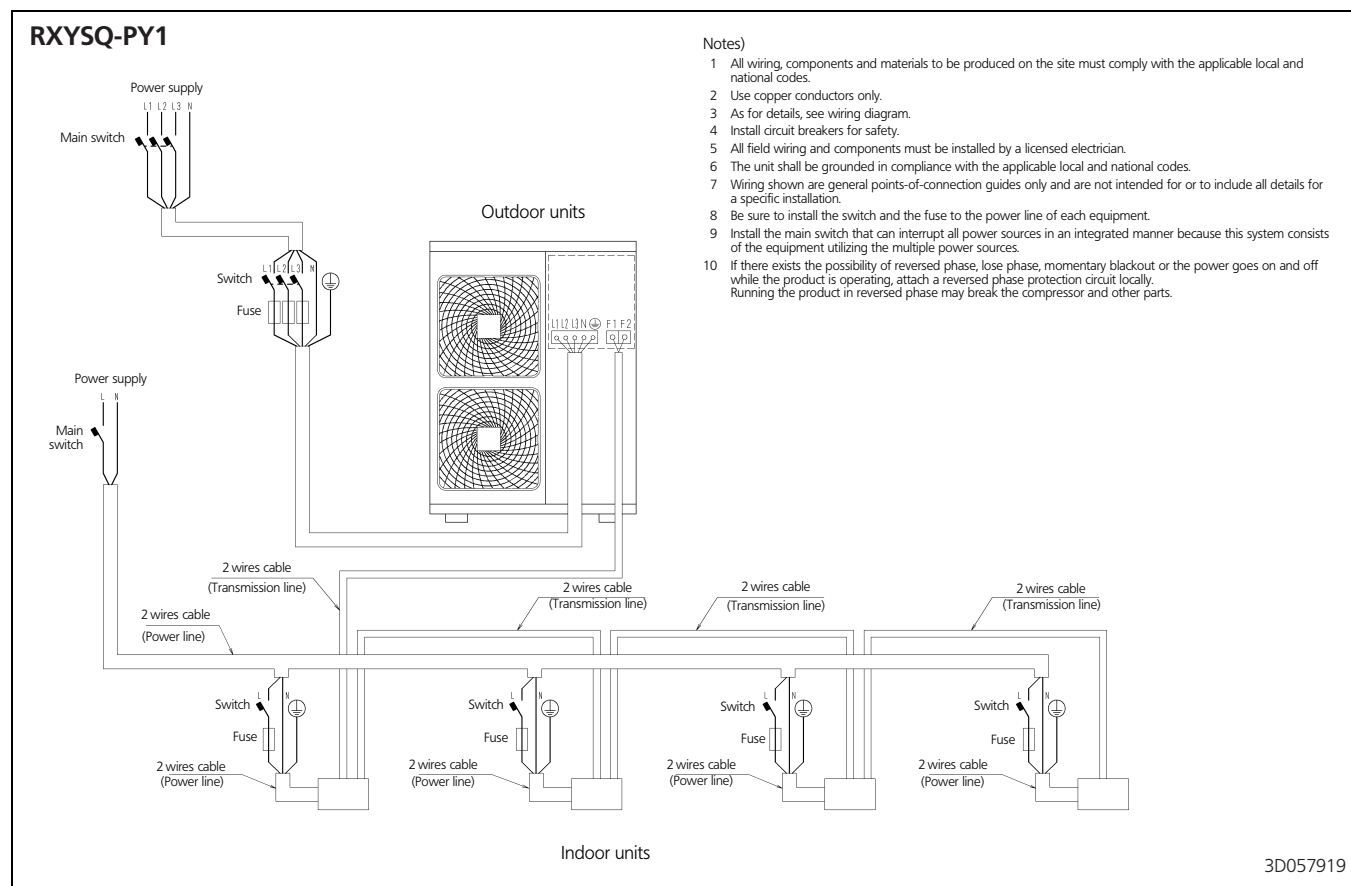
2TW29226-1

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.

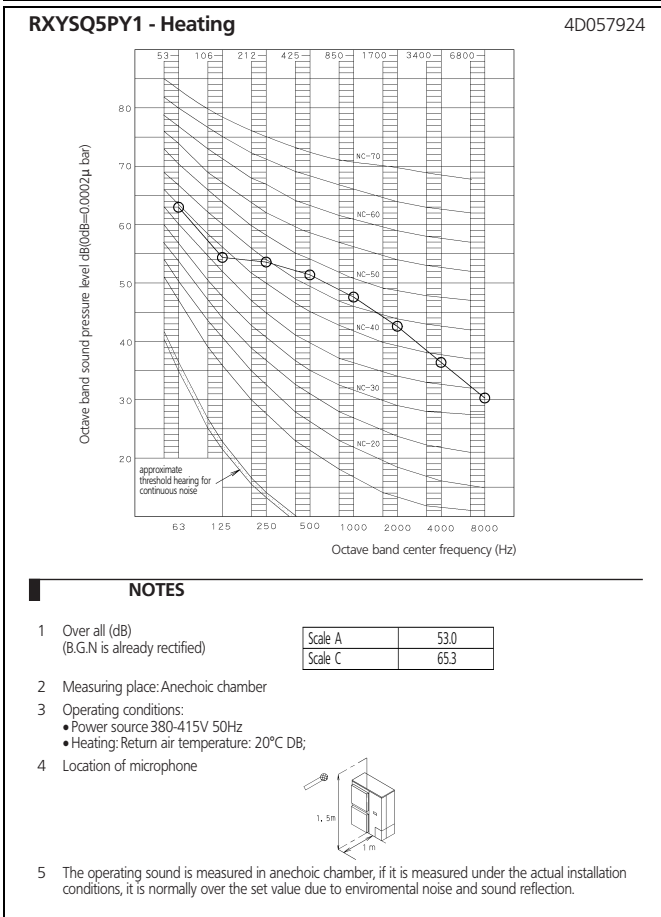
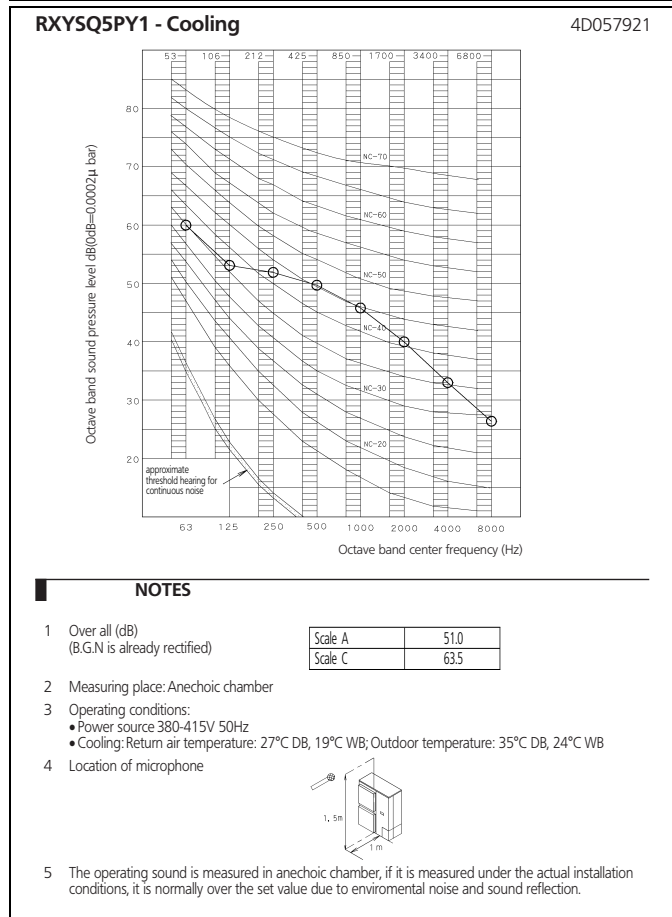
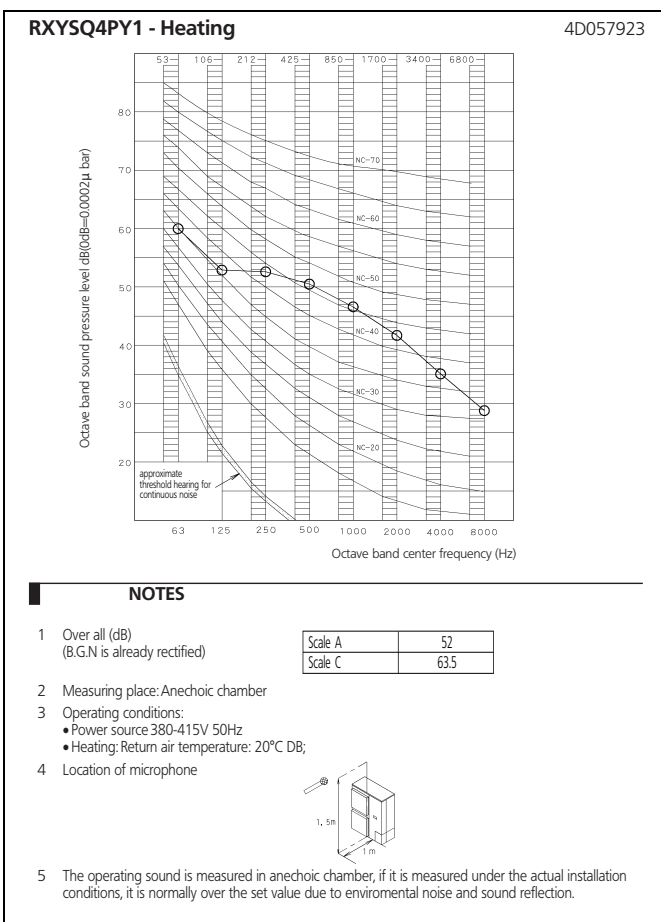
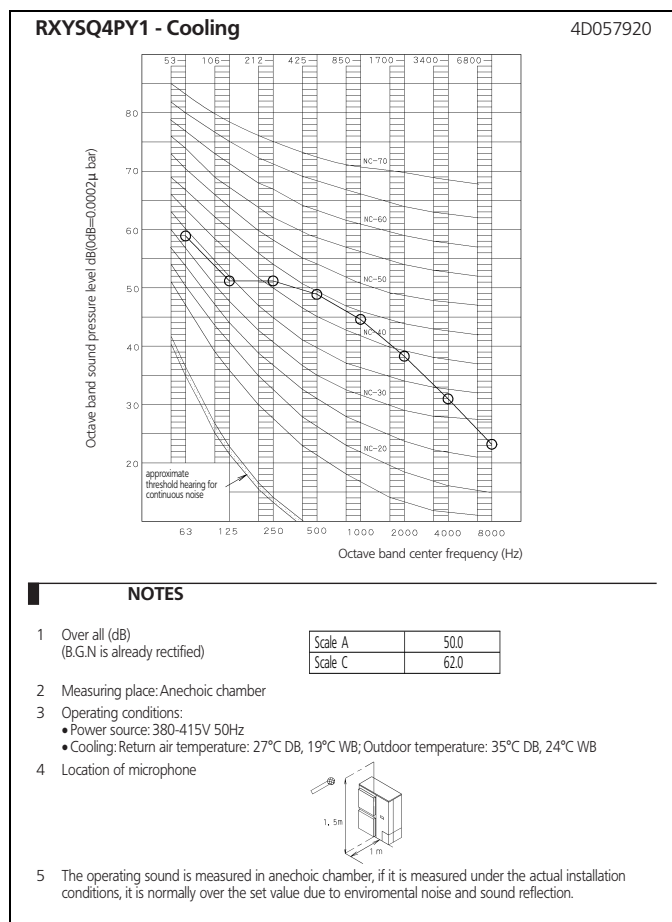
6 Wiring diagram

6 - 2 External connection diagram



7 Sound data

7 - 1 Sound pressure spectrum



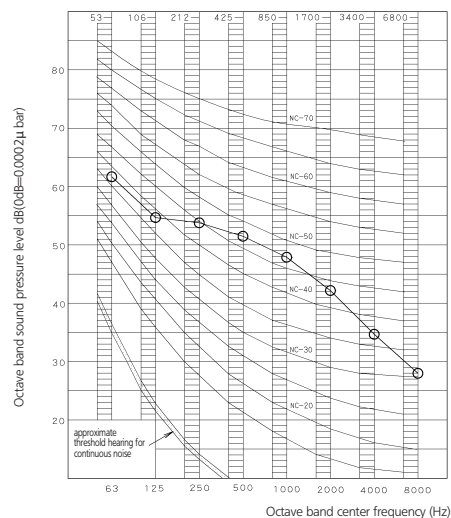
7 Sound data

7 - 1 Sound pressure spectrum

7

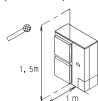
RXYSQ6PY1 - Cooling

4D057922



NOTES

- Over all (dB)
(B.G.N is already rectified)
- Measuring place: Anechoic chamber
- 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
- Location of microphone

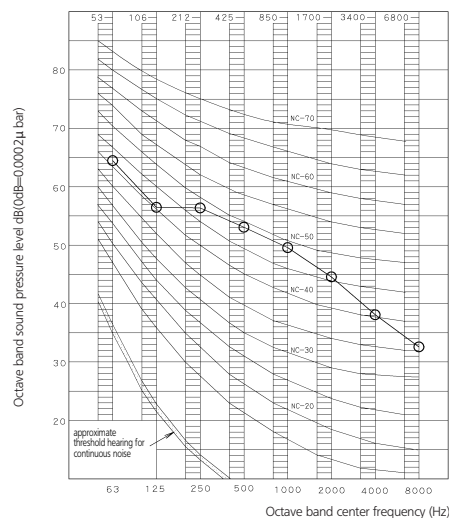


- The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.

Scale A	53.0
Scale C	64.5

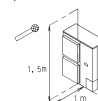
RXYSQ6PY1 - Heating

4D057925



NOTES

- Over all (dB)
(B.G.N is already rectified)
- Measuring place: Anechoic chamber
- Operating conditions:
 - Power source 380-415V 50Hz
 - Heating: Return air temperature: 20°C DB;
- Location of microphone

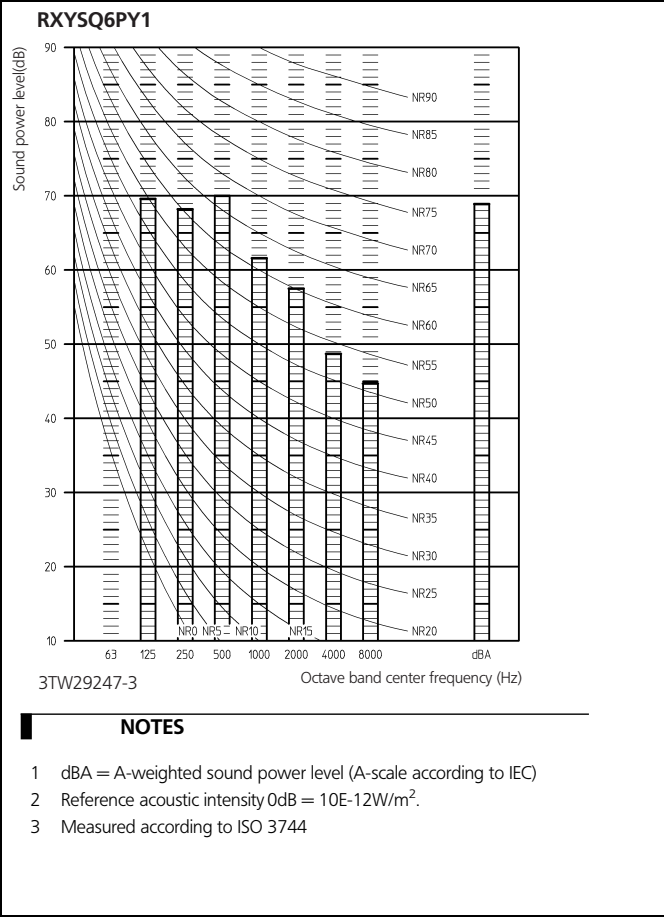
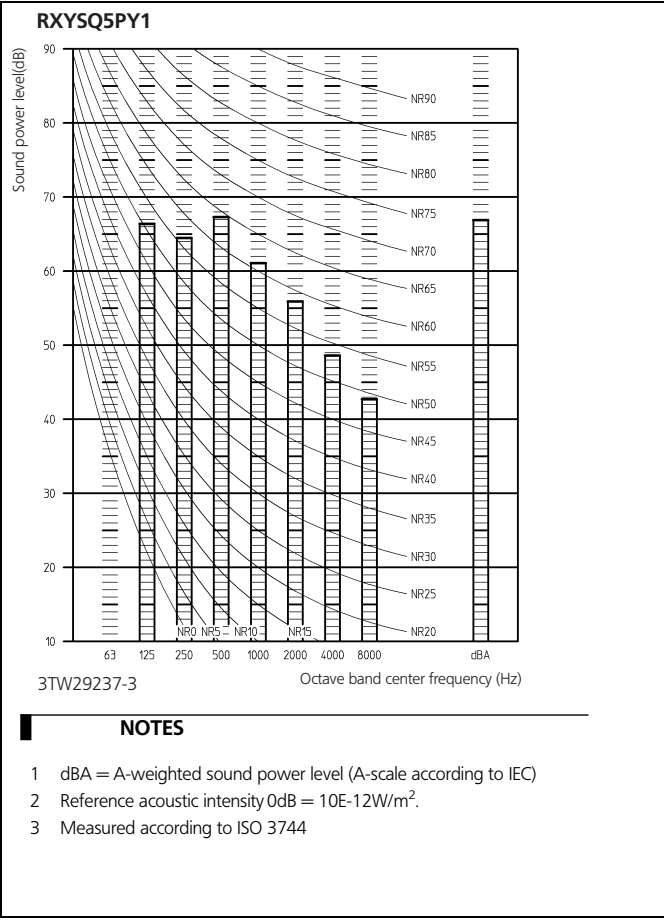
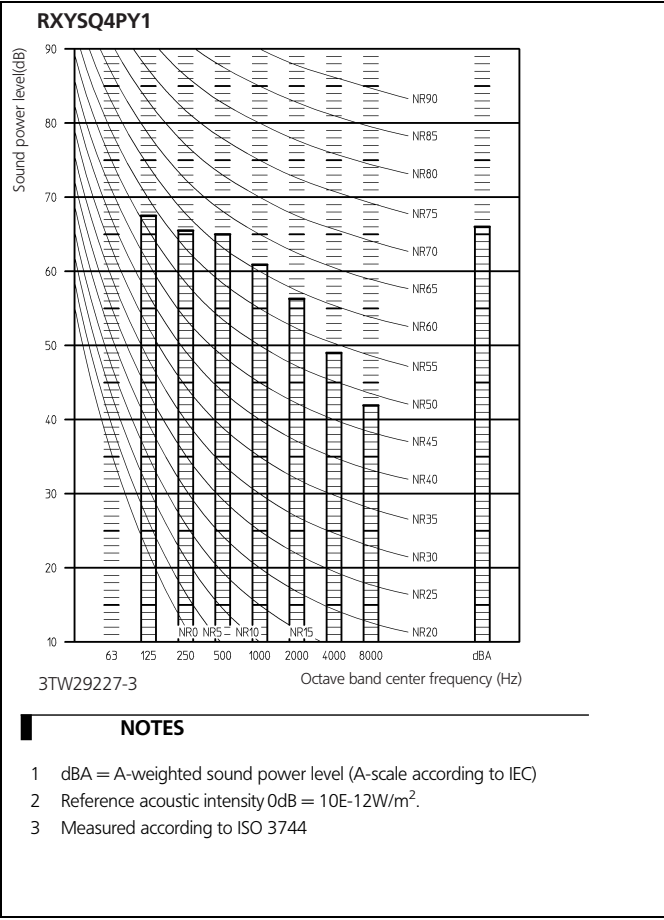


- The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.

Scale A	55.0
Scale C	67.0

7 Sound data

7 - 2 Sound power spectrum



8 Installation

8 - 1 Service space

RXYSQ-PY1

Required installation space

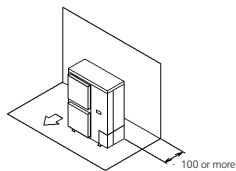
The unit of the values is mm.

1. Where there is an obstacle on the suction side

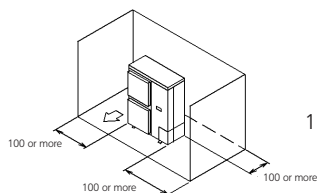
(a) No obstacle above

1 Stand-alone installation

- Obstacle on the suction side only.

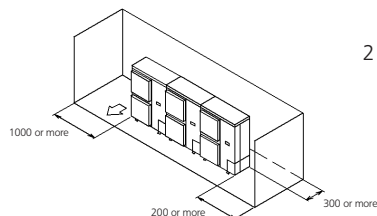


- Obstacle on both sides.



2 Series installation (2 or more).

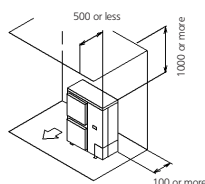
- Obstacle on both sides



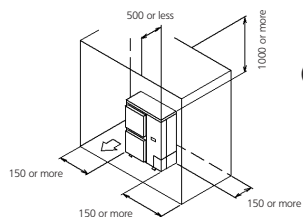
(b) Obstacle above, too.

1 Stand-alone installation

- Obstacle on the suction side.

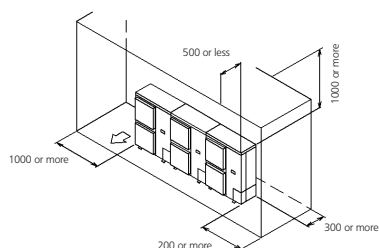


- Obstacle on the suction side and both sides.



2 Series installation (2 or more).

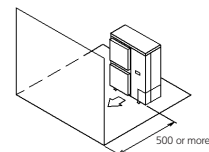
- Obstacle on the suction side and both sides.



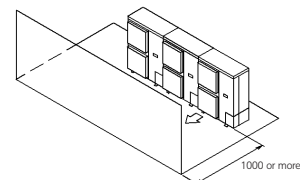
(2) Where there is an obstacle on the discharge side

(a) No obstacle above

(1) Stand-alone installation

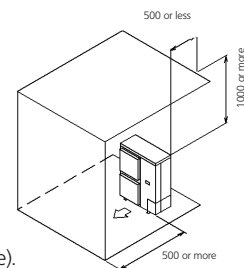


(2) Series installation (2 or more)

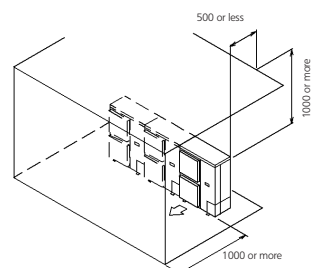


(b) Obstacle above, too.

1 Stand-alone installation



2 Series installation (2 or more).



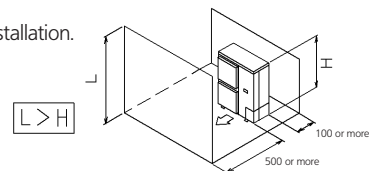
3. Where there are obstacles on both suction and discharge sides:

Pattern 1

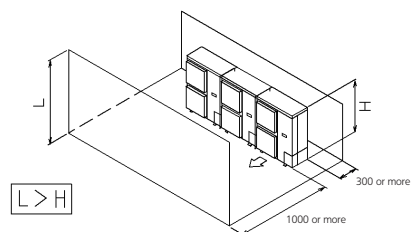
Where the obstacles on the discharge side is higher than the unit.
(There is no height limit for obstructions on the intake side.)

(a) No obstacle above.

1 Stand-alone installation.



2 Series installation (2 or more).



3D045696C

8 Installation

8 - 1 Service space

RXYSQ-PY1

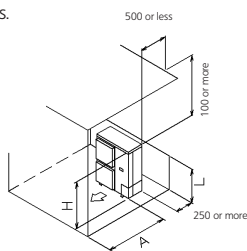
(b) Obstacle above, too

1 Stand-alone installation.

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

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

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



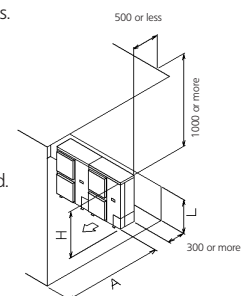
2 Series installation (2 or more).

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

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

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

Only two units can be installed for this series.



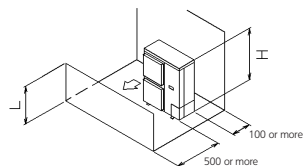
Pattern 2

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

(a) No obstacle above.

1 Stand-alone installation.

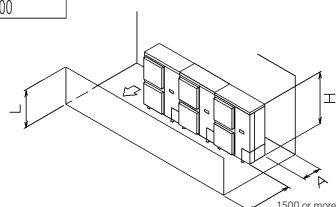
$$L \leq H$$



2 Series installation (2 or more).

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

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

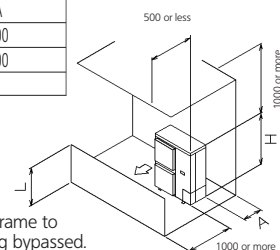


(b) Obstacle above, too.

1 Stand-alone installation.

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

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

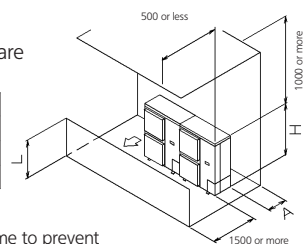


Close the bottom of the installation frame to prevent the discharged air from being bypassed.

1 Series installation.

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

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



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

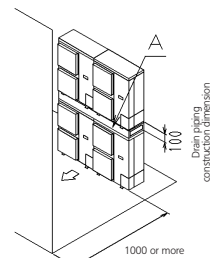
Only two units can be installed for this series.

4. Double-decker installation

(a) Obstacle on the discharge side.

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

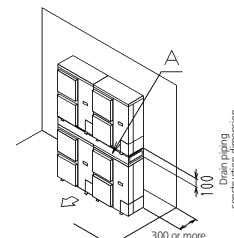
Do not stack more than two unit.



(b) Obstacle on the suction side only.

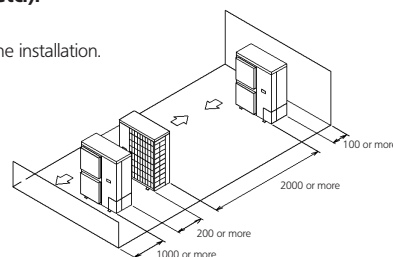
Close the gap A (the gap between the upper and lower outdoor units) to prevent the discharged air from being bypassed.

Do not stack more than one unit.

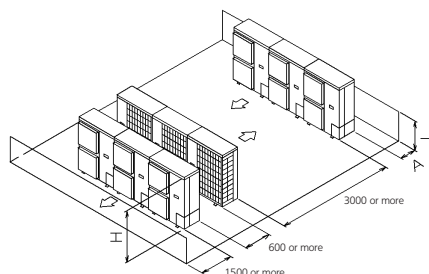


5. Multiple rows of series installation (on the rooftop, etc.).

(a) One row of stand-alone installation.



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



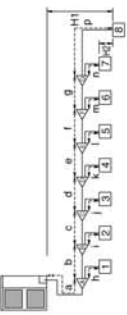
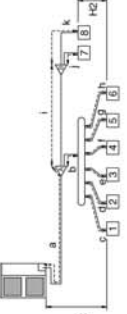
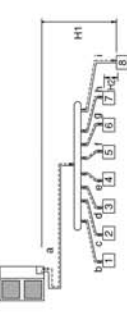
The relations between H, A and L are as follows.

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

3D045696C

8 Installation

8 - 2 Refrigerant pipe selection

Example of connection (Connection of 8 indoor units Heat pump system)			Branch with refnet joint		Branch with refnet joint and refnet header		Branch with refnet header																												
   1 Indoor unit 2 Refnet joint 3 Refnet header	Maximum allowable length	Between outdoor and indoor units	 Pipe length between outdoor and indoor units ≤150 m [Example] unit 8: a+b+c+d+e+f+g+p+q≤150 m 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 piping length from outdoor unit to all indoor units between 10 m and 300 m		 [Example] unit 6: a+b+h≤150 m, unit 8: a+i+k≤150 m 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 piping length from outdoor unit to all indoor units between 10 m and 300 m		 [Example] unit 8: a+i≤150 m 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 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 between outdoor and indoor units (H1)≤50 m (≤40 m if outdoor unit is located in a lower position). Difference in height between adjacent indoor units (H2)≤15 m		Difference in height between outdoor and indoor units (H1)≤50 m (≤40 m if outdoor unit is located in a lower position). Difference in height between adjacent indoor units (H2)≤15 m		Difference in height between outdoor and indoor units (H1)≤50 m (≤40 m if outdoor unit is located in a lower position). 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+q≤40 m Use the following refnet joint		Pipe length from first refrigerant branch kit (either refnet joint or refnet header) to indoor unit ≤40 m [Example] unit 6: b+h=40 m, unit 8: i+k=40 m Use the following refnet header		Pipe length from first refrigerant branch kit (either refnet joint or refnet header) to indoor unit ≤40 m [Example] unit 8: i=40 m Use the following refnet header																												
	Refrigerant branch kit selection	Refrigerant branch kits can only be used with R410A.	Outdoor unit capacity type RXYSQ4-6		Refrigerant branch kit name KHRQ22M20T		Outdoor unit capacity type RXYSQ4-6																												
	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 <table><tr><th>Outdoor unit capacity type</th><th>Piping size (outer diameter x minimum thickness)</th><th>Gas pipe</th><th>Liquid pipe</th></tr><tr><td>RXYSQ4-5</td><td>Ø15.9x1.0 (Ø19.1x1.0)</td><td>Ø15.9x1.0</td><td>Ø9.5x0.8</td></tr><tr><td>RXYSQ6</td><td>Ø19.1x1.0 (Ø22.2x1.0)</td><td>Ø19.1x1.0</td><td>Ø9.5x0.8</td></tr></table>		Outdoor unit capacity type	Piping size (outer diameter x minimum thickness)	Gas pipe	Liquid pipe	RXYSQ4-5	Ø15.9x1.0 (Ø19.1x1.0)	Ø15.9x1.0	Ø9.5x0.8	RXYSQ6	Ø19.1x1.0 (Ø22.2x1.0)	Ø19.1x1.0	Ø9.5x0.8	B. Piping between refrigerant branch kits • Use the pipe size from the following table. Piping size (outer diameter x minimum thickness) <table><tr><th>Gas pipe</th><th>Liquid pipe</th></tr><tr><td>Ø15.9x1.0</td><td>Ø9.5x0.8</td></tr></table>		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 <table><tr><th>Indoor capacity index</th><th>Piping size (outer diameter x minimum thickness)</th><th>Gas pipe</th><th>Liquid pipe</th></tr><tr><td>20+25+32+40+50</td><td>Ø12.7x0.8</td><td>Ø12.7x0.8</td><td>Ø6.4x0.8</td></tr><tr><td>63-80+100+125</td><td>Ø15.9x1.0</td><td>Ø15.9x1.0</td><td>Ø9.5x0.8</td></tr></table>		Indoor capacity index	Piping size (outer diameter x minimum thickness)	Gas pipe	Liquid pipe	20+25+32+40+50	Ø12.7x0.8	Ø12.7x0.8	Ø6.4x0.8	63-80+100+125	Ø15.9x1.0	Ø15.9x1.0
Outdoor unit capacity type	Piping size (outer diameter x minimum thickness)	Gas pipe	Liquid pipe																																
RXYSQ4-5	Ø15.9x1.0 (Ø19.1x1.0)	Ø15.9x1.0	Ø9.5x0.8																																
RXYSQ6	Ø19.1x1.0 (Ø22.2x1.0)	Ø19.1x1.0	Ø9.5x0.8																																
Gas pipe	Liquid pipe																																		
Ø15.9x1.0	Ø9.5x0.8																																		
Indoor capacity index	Piping size (outer diameter x minimum thickness)	Gas pipe	Liquid pipe																																
20+25+32+40+50	Ø12.7x0.8	Ø12.7x0.8	Ø6.4x0.8																																
63-80+100+125	Ø15.9x1.0	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			Example for refrigerant branch using refnet joint and refnet header $R = \left(\begin{matrix} \text{Total length (m) of liquid piping size at } \phi 9.5 \end{matrix} \right) \times 0.054 + \left(\begin{matrix} \text{Total length (m) of liquid piping size at } \phi 6.4 \end{matrix} \right) \times 0.022$ 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 $R = [73 \times 0.054] + [69 \times 0.022] = 5.46 \Rightarrow 5.5 \text{ kg}$																																

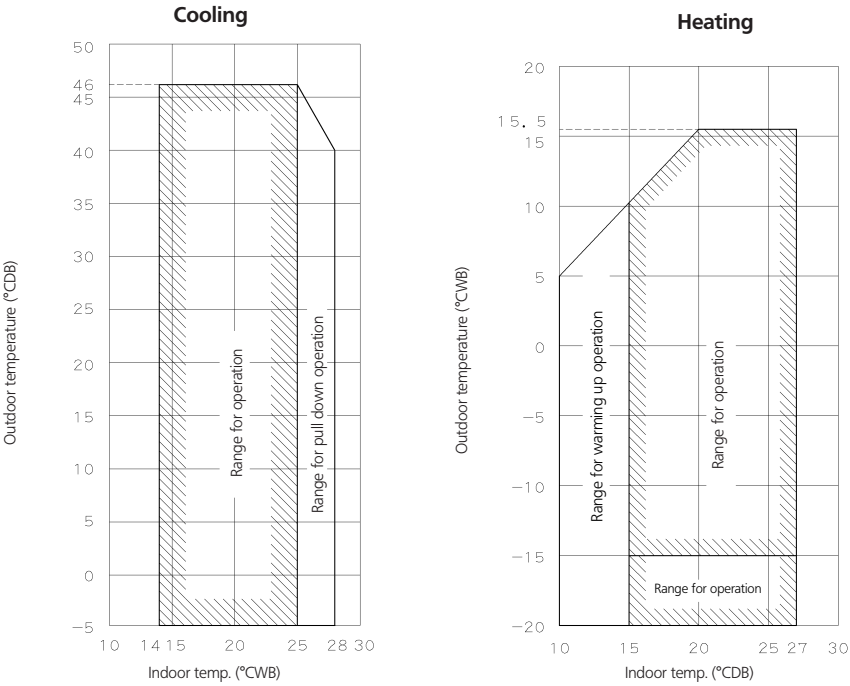
Example for refrigerant branch using refnet joint and refnet header

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	

$$R = [73 \times 0.054] + [69 \times 0.022] = 5.46 \Rightarrow 5.5 \text{ kg}$$

9 Operation range

RXYSQ-PY1



Notes:
These figures assume the following operating conditions.
Indoor and outdoor units:
• Equivalent piping length 7.5m
• Level difference 0m

3D045713C