



technical data

VRVIII-S Heat Pump
RXYSQ-P7V3B

air conditioning systems

VRV[®] III-S

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RXYSQ4-6P7V3B

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1 Specifications

1-1 TECHNICAL SPECIFICATIONS				RXYSQ4P7V3B	RXYSQ5P7V3B	RXYSQ6P7V3B
Capacity	Cooling	kW	11.2	14.0	15.5	
	Heating	kW	12.5	16.0	18.0	
COP	Cooling		3.15	3.01	3.03	
	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	125	125	125	
	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	m ²	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	m ³ /min	106	106	106
		Heating	m ³ /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		JT100G-VDL		
		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
Operation Range	Cooling	Min	°CDB	-5.0	-5.0	-5.0
		Max	°CDB	46	46	46
	Heating	Min	°CWB	-20	-20	-20
		Max	°CWB	15.5	15.5	15.5

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2

1 Specifications

1-1 TECHNICAL SPECIFICATIONS				RXYSQ4P7V3B	RXYSQ5P7V3B	RXYSQ6P7V3B
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 and 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, inlet water temperature : 30°C, 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

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1-2 ELECTRICAL SPECIFICATIONS			RXYSQ4P7V3B	RXYSQ5P7V3B	RXYSQ6P7V3B	
Power Supply	Name		V3			
	Phase		1	1	1	
	Frequency	Hz	50	50	50	
	Voltage	V	230	230	230	
Current	Nominal running current (RLA)	Cooling	A	15.9	20.2	22.2
	Starting current (MSC)		A	15.9	20.2	22.2
	Maximum Running Current		A	27.0	27.0	27.0
	Minimum circuit amps (MCA)		A	27.0	27.0	27.0
	Maximum fuse amps (MFA)		A	32.0	32.0	32.0
	Total overcurrent amps (TOCA)		A	27.0	27.0	27.0
	Full load amps (FLA)		A	0.3+0.3 (fan motor)		
Voltage range	Minimum	V	207	207	207	
	Maximum	V	253	253	253	
Wiring connections	For Power Supply	Quantity	3	3	3	
		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 : 27°CDB/19°CWB , outdoor temperature : 35°CDB			
			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-PV

No	Item	RXYSQ4PV	RXYSQ5PV	RXYSQ6PV
1	COOL/HEAT SELECTOR		KRC19-26A6	
2	FIXING BOX		KJB111A	
3	REFNET HEADER		KHRQ22M29H	
4	REFNET JOINT		KHRQ22M20T	
5	CENTRAL DRAIN PAN KIT		KKPJ5F180	

NOTES

1 All options are kits.

4TW26101-4A

3 Capacity tables

3 - 1 Cooling capacity tables

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RXYSQ4PV

TC: Total capacity: kW; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	14.56	10	9.83	1.50	11.7	1.83	13.6	2.18	14.6	2.35	15.5	2.53	16.6	2.63	16.9	2.50
		12	9.83	1.52	11.7	1.87	13.6	2.22	14.6	2.40	15.5	2.58	16.4	2.61	16.7	2.56
		14	9.83	1.55	11.7	1.90	13.6	2.26	14.6	2.44	15.5	2.63	16.1	2.69	16.5	2.71
		16	9.83	1.58	11.7	1.94	13.6	2.31	14.6	2.53	15.5	2.79	15.9	2.83	16.3	2.85
		18	9.83	1.61	11.7	1.98	13.6	2.45	14.6	2.72	15.4	2.95	15.7	2.98	16.1	3.00
		20	9.83	1.65	11.7	2.11	13.6	2.64	14.6	2.93	15.2	3.10	15.5	3.12	15.9	3.15
		21	9.83	1.69	11.7	2.18	13.6	2.74	14.6	3.04	15.0	3.17	15.4	3.20	15.8	3.22
		23	9.83	1.81	11.7	2.34	13.6	2.94	14.6	3.26	14.8	3.31	15.2	3.34	15.5	3.37
		25	9.83	1.94	11.7	2.51	13.6	3.15	14.4	3.44	14.6	3.46	15.0	3.49	15.3	3.52
		27	9.83	2.07	11.7	2.68	13.6	3.37	14.2	3.59	14.4	3.60	14.8	3.63	15.1	3.66
		29	9.83	2.21	11.7	2.86	13.6	3.61	14.0	3.73	14.2	3.75	14.5	3.78	14.9	3.81
		31	9.83	2.36	11.7	3.06	13.6	3.86	13.8	3.88	14.0	3.90	14.3	3.93	14.7	3.96
		33	9.83	2.51	11.7	3.26	13.4	4.01	13.6	4.02	13.8	4.04	14.1	4.08	14.5	4.11
		35	9.83	2.67	11.7	3.48	13.2	4.15	13.4	4.17	13.6	4.19	13.9	4.23	14.3	4.26
		37	9.83	2.85	11.7	3.71	13.0	4.30	13.2	4.32	13.3	4.34	13.7	4.38	14.0	4.42
		39	9.83	3.03	11.7	3.96	12.8	4.44	13.0	4.47	13.1	4.49	13.5	4.53	13.8	4.57
		120	13.44	10	9.07	1.37	10.8	1.67	12.6	1.99	13.4	2.15	14.3	2.31	16.1	2.63
12	9.07			1.39	10.8	1.70	12.6	2.02	13.4	2.19	14.3	2.35	16.1	2.68	16.4	2.58
14	9.07			1.42	10.8	1.73	12.6	2.06	13.4	2.23	14.3	2.40	15.9	2.68	16.2	2.69
16	9.07			1.45	10.8	1.77	12.6	2.10	13.4	2.27	14.3	2.46	15.7	2.82	16.0	2.84
18	9.07			1.47	10.8	1.80	12.6	2.17	13.4	2.41	14.3	2.65	15.5	2.96	15.8	2.98
20	9.07			1.50	10.8	1.87	12.6	2.34	13.4	2.59	14.3	2.85	15.3	3.11	15.6	3.13
21	9.07			1.52	10.8	1.94	12.6	2.42	13.4	2.68	14.3	2.96	15.1	3.18	15.5	3.20
23	9.07			1.62	10.8	2.08	12.6	2.60	13.4	2.88	14.3	3.18	14.9	3.32	15.3	3.35
25	9.07			1.73	10.8	2.23	12.6	2.78	13.4	3.09	14.3	3.40	14.7	3.47	15.1	3.49
27	9.07			1.85	10.8	2.38	12.6	2.98	13.4	3.30	14.2	3.59	14.5	3.61	14.8	3.64
29	9.07			1.97	10.8	2.54	12.6	3.19	13.4	3.53	14.0	3.73	14.3	3.76	14.6	3.79
31	9.07			2.10	10.8	2.71	12.6	3.40	13.4	3.78	13.8	3.87	14.1	3.91	14.4	3.94
33	9.07			2.24	10.8	2.89	12.6	3.63	13.4	4.00	13.5	4.02	13.9	4.05	14.2	4.09
35	9.07			2.38	10.8	3.08	12.6	3.88	13.2	4.15	13.3	4.17	13.7	4.20	14.0	4.24
37	9.07			2.54	10.8	3.29	12.6	4.14	13.0	4.29	13.1	4.31	13.4	4.35	13.8	4.39
39	9.07			2.70	10.8	3.50	12.6	4.41	12.7	4.44	12.9	4.46	13.2	4.50	13.6	4.54
110	12.32			10	8.31	1.24	9.92	1.51	11.5	1.80	12.3	1.94	13.1	2.09	14.7	2.38
		12	8.31	1.26	9.92	1.54	11.5	1.83	12.3	1.98	13.1	2.13	14.7	2.43	16.2	2.68
		14	8.31	1.29	9.92	1.57	11.5	1.86	12.3	2.02	13.1	2.17	14.7	2.48	15.9	2.68
		16	8.31	1.31	9.92	1.60	11.5	1.90	12.3	2.05	13.1	2.21	14.7	2.57	15.7	2.82
		18	8.31	1.34	9.92	1.63	11.5	1.94	12.3	2.11	13.1	2.32	14.7	2.77	15.5	2.96
		20	8.31	1.36	9.92	1.66	11.5	2.05	12.3	2.27	13.1	2.50	14.7	2.98	15.3	3.11
		21	8.31	1.38	9.92	1.71	11.5	2.13	12.3	2.35	13.1	2.59	14.7	3.09	15.2	3.18
		23	8.31	1.44	9.92	1.84	11.5	2.28	12.3	2.52	13.1	2.77	14.7	3.30	15.0	3.33
		25	8.31	1.54	9.92	1.96	11.5	2.44	12.3	2.70	13.1	2.97	14.5	3.45	14.8	3.47
		27	8.31	1.64	9.92	2.10	11.5	2.61	12.3	2.89	13.1	3.18	14.3	3.59	14.6	3.62
		29	8.31	1.75	9.92	2.24	11.5	2.79	12.3	3.09	13.1	3.41	14.0	3.74	14.3	3.76
		31	8.31	1.86	9.92	2.39	11.5	2.98	12.3	3.30	13.1	3.64	13.8	3.88	14.1	3.91
		33	8.31	1.98	9.92	2.54	11.5	3.18	12.3	3.52	13.1	3.89	13.6	4.03	13.9	4.06
		35	8.31	2.11	9.92	2.71	11.5	3.39	12.3	3.76	13.1	4.14	13.4	4.17	13.7	4.21
		37	8.31	2.24	9.92	2.89	11.5	3.62	12.3	4.01	12.9	4.29	13.2	4.32	13.5	4.35
		39	8.31	2.38	9.92	3.07	11.5	3.86	12.3	4.28	12.7	4.43	13.0	4.47	13.3	4.50
		100	11.20	10	7.56	1.12	9.02	1.36	10.5	1.61	11.2	1.74	11.9	1.87	13.4	2.14
12	7.56			1.14	9.02	1.38	10.5	1.64	11.2	1.77	11.9	1.90	13.4	2.18	14.8	2.45
14	7.56			1.16	9.02	1.41	10.5	1.67	11.2	1.80	11.9	1.94	13.4	2.22	14.8	2.50
16	7.56			1.18	9.02	1.44	10.5	1.70	11.2	1.84	11.9	1.98	13.4	2.26	14.8	2.60
18	7.56			1.20	9.02	1.46	10.5	1.74	11.2	1.88	11.9	2.02	13.4	2.39	14.8	2.81
20	7.56			1.23	9.02	1.49	10.5	1.79	11.2	1.97	11.9	2.16	13.4	2.57	14.8	3.02
21	7.56			1.24	9.02	1.51	10.5	1.85	11.2	2.04	11.9	2.24	13.4	2.67	14.8	3.13
23	7.56			1.27	9.02	1.61	10.5	1.98	11.2	2.19	11.9	2.40	13.4	2.86	14.7	3.30
25	7.56			1.36	9.02	1.72	10.5	2.12	11.2	2.34	11.9	2.57	13.4	3.07	14.5	3.45
27	7.56			1.44	9.02	1.83	10.5	2.27	11.2	2.50	11.9	2.75	13.4	3.28	14.3	3.59
29	7.56			1.54	9.02	1.95	10.5	2.42	11.2	2.68	11.9	2.94	13.4	3.51	14.1	3.74
31	7.56			1.64	9.02	2.08	10.5	2.58	11.2	2.86	11.9	3.14	13.4	3.75	13.9	3.88
33	7.56			1.74	9.02	2.22	10.5	2.76	11.2	3.05	11.9	3.35	13.4	4.00	13.6	4.03
35	7.56			1.85	9.02	2.36	10.5	2.94	11.2	3.25	11.9	3.58	13.2	4.15	13.4	4.18
37	7.56			1.97	9.02	2.51	10.5	3.13	11.2	3.46	11.9	3.82	12.9	4.29	13.2	4.32
39	7.56			2.09	9.02	2.67	10.5	3.33	11.2	3.69	11.9	4.07	12.7	4.44	13.0	4.47

NOTES

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

3 Capacity tables

3 - 1 Cooling capacity tables

RXYSQ4PV			TC: Total capacity; kW; PI: Power Input: kW (compressor + outdoor fan motor)													
Combination (%)	Capacity index (kW)	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	10.8	10	6.80	1.00	8.11	1.21	9.4	1.43	10.1	1.54	10.7	1.66	12.0	1.89	13.4	2.13
		12	6.80	1.02	8.11	1.23	9.4	1.45	10.1	1.57	10.7	1.69	12.0	1.93	13.4	2.17
		14	6.80	1.04	8.11	1.25	9.4	1.48	10.1	1.60	10.7	1.72	12.0	1.96	13.4	2.21
		16	6.80	1.06	8.11	1.28	9.4	1.51	10.1	1.63	10.7	1.75	12.0	2.00	13.4	2.26
		18	6.80	1.07	8.11	1.30	9.4	1.54	10.1	1.66	10.7	1.79	12.0	2.04	13.4	2.38
		20	6.80	1.09	8.11	1.33	9.4	1.57	10.1	1.69	10.7	1.85	12.0	2.19	13.4	2.56
		21	6.80	1.10	8.11	1.34	9.4	1.60	10.1	1.75	10.7	1.92	12.0	2.27	13.4	2.66
		23	6.80	1.13	8.11	1.39	9.4	1.71	10.1	1.88	10.7	2.06	12.0	2.44	13.4	2.85
		25	6.80	1.19	8.11	1.49	9.4	1.83	10.1	2.01	10.7	2.20	12.0	2.61	13.4	3.06
		27	6.80	1.26	8.11	1.59	9.4	1.95	10.1	2.15	10.7	2.35	12.0	2.79	13.4	3.27
		29	6.80	1.34	8.11	1.69	9.4	2.08	10.1	2.29	10.7	2.51	12.0	2.99	13.4	3.50
		31	6.80	1.43	8.11	1.80	9.4	2.22	10.1	2.44	10.7	2.68	12.0	3.19	13.4	3.74
		33	6.80	1.52	8.11	1.92	9.4	2.36	10.1	2.61	10.7	2.86	12.0	3.40	13.4	4.00
		35	6.80	1.61	8.11	2.04	9.4	2.52	10.1	2.78	10.7	3.05	12.0	3.63	13.4	4.15
		37	6.80	1.71	8.11	2.17	9.4	2.68	10.1	2.96	10.7	3.25	12.0	3.88	12.9	4.29
		39	6.80	1.81	8.11	2.30	9.4	2.85	10.1	3.15	10.7	3.46	12.0	4.13	12.7	4.44
80	8.96	10	6.05	0.89	7.21	1.07	8.38	1.25	8.96	1.35	9.54	1.45	10.7	1.65	11.9	1.86
		12	6.05	0.90	7.21	1.08	8.38	1.27	8.96	1.37	9.54	1.47	10.7	1.68	11.9	1.89
		14	6.05	0.92	7.21	1.10	8.38	1.30	8.96	1.40	9.54	1.50	10.7	1.71	11.9	1.93
		16	6.05	0.93	7.21	1.12	8.38	1.32	8.96	1.43	9.54	1.53	10.7	1.75	11.9	1.97
		18	6.05	0.95	7.21	1.14	8.38	1.35	8.96	1.45	9.54	1.56	10.7	1.78	11.9	2.01
		20	6.05	0.97	7.21	1.16	8.38	1.37	8.96	1.48	9.54	1.59	10.7	1.85	11.9	2.15
		21	6.05	0.98	7.21	1.18	8.38	1.39	8.96	1.50	9.54	1.62	10.7	1.91	11.9	2.22
		23	6.05	0.99	7.21	1.20	8.38	1.45	8.96	1.59	9.54	1.74	10.7	2.05	11.9	2.39
		25	6.05	1.03	7.21	1.28	8.38	1.55	8.96	1.70	9.54	1.86	10.7	2.19	11.9	2.55
		27	6.05	1.09	7.21	1.36	8.38	1.66	8.96	1.82	9.54	1.98	10.7	2.34	11.9	2.73
		29	6.05	1.16	7.21	1.45	8.38	1.77	8.96	1.94	9.54	2.12	10.7	2.50	11.9	2.92
		31	6.05	1.23	7.21	1.54	8.38	1.88	8.96	2.07	9.54	2.26	10.7	2.67	11.9	3.12
		33	6.05	1.31	7.21	1.64	8.38	2.00	8.96	2.20	9.54	2.41	10.7	2.85	11.9	3.33
		35	6.05	1.39	7.21	1.74	8.38	2.13	8.96	2.34	9.54	2.56	10.7	3.04	11.9	3.55
		37	6.05	1.47	7.21	1.85	8.38	2.26	8.96	2.49	9.54	2.73	10.7	3.24	11.9	3.79
		39	6.05	1.56	7.21	1.96	8.38	2.41	8.96	2.65	9.54	2.90	10.7	3.45	11.9	4.04
70	7.84	10	5.29	0.78	6.31	0.93	7.33	1.08	7.84	1.16	8.35	1.25	9.37	1.42	10.4	1.59
		12	5.29	0.79	6.31	0.94	7.33	1.10	7.84	1.19	8.35	1.27	9.37	1.44	10.4	1.62
		14	5.29	0.81	6.31	0.96	7.33	1.12	7.84	1.21	8.35	1.29	9.37	1.47	10.4	1.66
		16	5.29	0.82	6.31	0.98	7.33	1.14	7.84	1.23	8.35	1.32	9.37	1.50	10.4	1.69
		18	5.29	0.83	6.31	0.99	7.33	1.16	7.84	1.25	8.35	1.34	9.37	1.53	10.4	1.72
		20	5.29	0.85	6.31	1.01	7.33	1.19	7.84	1.28	8.35	1.37	9.37	1.56	10.4	1.77
		21	5.29	0.85	6.31	1.02	7.33	1.20	7.84	1.29	8.35	1.38	9.37	1.58	10.4	1.83
		23	5.29	0.87	6.31	1.04	7.33	1.22	7.84	1.33	8.35	1.45	9.37	1.69	10.4	1.96
		25	5.29	0.88	6.31	1.08	7.33	1.30	7.84	1.42	8.35	1.55	9.37	1.81	10.4	2.10
		27	5.29	0.94	6.31	1.15	7.33	1.39	7.84	1.52	8.35	1.65	9.37	1.93	10.4	2.24
		29	5.29	0.99	6.31	1.22	7.33	1.48	7.84	1.61	8.35	1.76	9.37	2.06	10.4	2.39
		31	5.29	1.05	6.31	1.30	7.33	1.57	7.84	1.72	8.35	1.87	9.37	2.20	10.4	2.55
		33	5.29	1.12	6.31	1.38	7.33	1.67	7.84	1.83	8.35	1.99	9.37	2.34	10.4	2.72
		35	5.29	1.18	6.31	1.46	7.33	1.78	7.84	1.94	8.35	2.12	9.37	2.50	10.4	2.90
		37	5.29	1.25	6.31	1.55	7.33	1.89	7.84	2.07	8.35	2.25	9.37	2.66	10.4	3.09
		39	5.29	1.32	6.31	1.64	7.33	2.00	7.84	2.19	8.35	2.40	9.37	2.83	10.4	3.29
60	6.72	10	4.54	0.68	5.41	0.80	6.28	0.92	6.72	0.99	7.16	1.06	8.03	1.20	8.90	1.34
		12	4.54	0.69	5.41	0.81	6.28	0.94	6.72	1.01	7.16	1.08	8.03	1.22	8.90	1.36
		14	4.54	0.70	5.41	0.82	6.28	0.96	6.72	1.02	7.16	1.09	8.03	1.24	8.90	1.39
		16	4.54	0.71	5.41	0.84	6.28	0.97	6.72	1.04	7.16	1.11	8.03	1.26	8.90	1.42
		18	4.54	0.72	5.41	0.85	6.28	0.99	6.72	1.06	7.16	1.13	8.03	1.29	8.90	1.44
		20	4.54	0.73	5.41	0.87	6.28	1.01	6.72	1.08	7.16	1.16	8.03	1.31	8.90	1.47
		21	4.54	0.74	5.41	0.87	6.28	1.02	6.72	1.09	7.16	1.17	8.03	1.32	8.90	1.49
		23	4.54	0.75	5.41	0.89	6.28	1.03	6.72	1.11	7.16	1.19	8.03	1.37	8.90	1.58
		25	4.54	0.76	5.41	0.90	6.28	1.07	6.72	1.17	7.16	1.26	8.03	1.47	8.90	1.69
		27	4.54	0.79	5.41	0.96	6.28	1.14	6.72	1.24	7.16	1.35	8.03	1.57	8.90	1.80
		29	4.54	0.84	5.41	1.02	6.28	1.22	6.72	1.32	7.16	1.43	8.03	1.67	8.90	1.92
		31	4.54	0.89	5.41	1.08	6.28	1.29	6.72	1.41	7.16	1.52	8.03	1.78	8.90	2.05
		33	4.54	0.94	5.41	1.14	6.28	1.37	6.72	1.49	7.16	1.62	8.03	1.89	8.90	2.18
		35	4.54	0.99	5.41	1.21	6.28	1.45	6.72	1.58	7.16	1.72	8.03	2.01	8.90	2.32
		37	4.54	1.05	5.41	1.28	6.28	1.54	6.72	1.68	7.16	1.83	8.03	2.14	8.90	2.47
		39	4.54	1.11	5.41	1.36	6.28	1.64	6.72	1.78	7.16	1.94	8.03	2.27	8.90	2.63
50	5.60	10	3.78	0.59	4.51	0.68	5.24	0.77	5.60	0.83	5.96	0.88	6.69	0.99	7.42	1.10
		12	3.78	0.59	4.51	0.69	5.24	0.79	5.60	0.84	5.96	0.89	6.69	1.00	7.42	1.12
		14	3.78	0.60	4.51	0.70	5.24	0.80	5.60	0.85	5.96	0.91	6.69	1.02	7.42	1.14
		16	3.78	0.61	4.51	0.71	5.24	0.81	5.60	0.87	5.96	0.92	6.69	1.04	7.42	1.16
		18	3.78	0.62	4.51	0.72	5.24	0.82	5.60	0.88	5.96	0.94	6.69	1.06	7.42	1.18
		20	3.78	0.63	4.51	0.73	5.24	0.84	5.60	0.90	5.96	0.95	6.69	1.08	7.42	1.20
		21	3.78	0.63	4.51	0.73	5.24	0.85	5.60	0.90	5.96	0.96	6.69	1.09	7.42	1.21
		23	3.78	0.64	4.51	0.75	5.24	0.86	5.60	0.92	5.96	0.98	6.69	1.11	7.42	1.24
		25	3.78	0.65	4.51	0.76	5.24	0.88	5.60	0.94	5.96	1.01	6.69	1.16	7.42	1.32
		27	3.78	0.66	4.51	0.79	5.24	0.92	5.60	1.00	5.96	1.07	6.69	1.24	7.42	1.41
		29	3.78	0.70	4.51	0.83	5.24	0.98	5.60	1.06	5.96	1.14	6.69	1.32	7.42	1.50
		31	3.78	0.74	4.51	0.88	5.24	1.04	5.60	1.12	5.96	1.21	6.69	1.40		

3 Capacity tables

3 - 1 Cooling capacity tables

RXYSQ5PV

TC: Total capacity: kW; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp. °CDB	Indoor air temperature: °CWB															
			14.0		16.0		18.0		19.0		20.0		22.0		24.0			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
130	18.20	10	12.3	1.96	14.6	2.40	17.0	2.85	18.2	3.08	19.1	3.23	19.6	3.09	20.0	2.95		
		12	12.3	1.99	14.6	2.44	17.0	2.90	18.2	3.14	18.9	3.21	19.3	3.07	19.8	3.02		
		14	12.3	2.03	14.6	2.49	17.0	2.96	18.2	3.20	18.6	3.19	19.1	3.17	19.5	3.19		
		16	12.3	2.07	14.6	2.54	17.0	3.02	18.2	3.29	18.4	3.31	18.8	3.34	19.3	3.36		
		18	12.3	2.11	14.6	2.59	17.0	3.21	17.9	3.46	18.1	3.48	18.6	3.51	19.0	3.54		
		20	12.3	2.15	14.6	2.75	17.0	3.45	17.7	3.63	17.9	3.65	18.3	3.68	18.8	3.71		
		21	12.3	2.21	14.6	2.85	17.0	3.58	17.5	3.71	17.8	3.73	18.2	3.76	18.7	3.80		
		23	12.3	2.37	14.6	3.06	17.0	3.84	17.3	3.88	17.5	3.90	18.0	3.94	18.4	3.97		
		25	12.3	2.53	14.6	3.28	16.8	4.03	17.1	4.05	17.3	4.07	17.7	4.11	18.2	4.14		
		27	12.3	2.71	14.6	3.50	16.6	4.20	16.8	4.22	17.0	4.24	17.5	4.28	17.9	4.32		
		29	12.3	2.89	14.6	3.75	16.3	4.37	16.6	4.39	16.8	4.41	17.2	4.46	17.7	4.50		
		31	12.3	3.08	14.6	4.00	16.1	4.54	16.3	4.57	16.5	4.59	17.0	4.63	17.4	4.67		
		33	12.3	3.28	14.6	4.27	15.8	4.71	16.1	4.74	16.3	4.76	16.7	4.81	17.2	4.85		
		35	12.3	3.50	14.6	4.55	15.6	4.89	15.8	4.91	16.0	4.93	16.5	4.98	16.9	5.03		
		37	12.3	3.72	14.6	4.86	15.3	5.06	15.6	5.08	15.8	5.11	16.2	5.16	16.7	5.21		
		39	12.3	3.97	14.6	5.18	15.1	5.23	15.3	5.26	15.5	5.29	16.0	5.34	16.4	5.39		
		120	16.80	10	11.3	1.79	13.5	2.18	15.7	2.60	16.8	2.81	17.9	3.02	19.3	3.19	19.7	3.06
				12	11.3	1.82	13.5	2.23	15.7	2.65	16.8	2.86	17.9	3.08	19.0	3.17	19.4	3.04
				14	11.3	1.85	13.5	2.27	15.7	2.70	16.8	2.92	17.9	3.13	18.8	3.15	19.2	3.17
16	11.3			1.89	13.5	2.31	15.7	2.75	16.8	2.97	17.9	3.22	18.5	3.32	18.9	3.34		
18	11.3			1.93	13.5	2.36	15.7	2.84	16.8	3.15	17.9	3.46	18.3	3.49	18.7	3.51		
20	11.3			1.96	13.5	2.45	15.7	3.06	16.8	3.39	17.6	3.63	18.0	3.65	18.4	3.68		
21	11.3			1.98	13.5	2.54	15.7	3.17	16.8	3.51	17.5	3.71	17.9	3.74	18.3	3.77		
23	11.3			2.12	13.5	2.72	15.7	3.40	16.8	3.77	17.2	3.88	17.7	3.91	18.1	3.94		
25	11.3			2.26	13.5	2.91	15.7	3.64	16.8	4.03	17.0	4.05	17.4	4.08	17.8	4.12		
27	11.3			2.42	13.5	3.11	15.7	3.90	16.5	4.20	16.7	4.22	17.2	4.25	17.6	4.29		
29	11.3			2.58	13.5	3.32	15.7	4.17	16.3	4.37	16.5	4.39	16.9	4.43	17.3	4.46		
31	11.3			2.75	13.5	3.55	15.7	4.45	16.0	4.54	16.2	4.56	16.7	4.60	17.1	4.64		
33	11.3			2.93	13.5	3.78	15.6	4.69	15.8	4.71	16.0	4.73	16.4	4.77	16.8	4.82		
35	11.3			3.12	13.5	4.03	15.3	4.86	15.5	4.88	15.8	4.90	16.2	4.95	16.6	4.99		
37	11.3			3.32	13.5	4.30	15.1	5.03	15.3	5.05	15.5	5.08	15.9	5.13	16.3	5.17		
39	11.3			3.53	13.5	4.58	14.8	5.20	15.1	5.23	15.3	5.25	15.7	5.30	16.1	5.35		
110	15.40			10	10.4	1.62	12.4	1.98	14.4	2.35	15.4	2.54	16.4	2.73	18.4	3.12	19.3	3.17
				12	10.4	1.65	12.4	2.01	14.4	2.39	15.4	2.59	16.4	2.78	18.4	3.18	19.1	3.15
				14	10.4	1.68	12.4	2.05	14.4	2.44	15.4	2.64	16.4	2.84	18.4	3.24	18.8	3.15
		16	10.4	1.71	12.4	2.09	14.4	2.49	15.4	2.69	16.4	2.89	18.2	3.30	18.6	3.32		
		18	10.4	1.75	12.4	2.13	14.4	2.54	15.4	2.76	16.4	3.04	18.0	3.46	18.3	3.49		
		20	10.4	1.78	12.4	2.18	14.4	2.69	15.4	2.97	16.4	3.26	17.7	3.63	18.1	3.66		
		21	10.4	1.80	12.4	2.24	14.4	2.78	15.4	3.07	16.4	3.38	17.6	3.72	18.0	3.74		
		23	10.4	1.88	12.4	2.40	14.4	2.98	15.4	3.30	16.4	3.63	17.3	3.89	17.7	3.92		
		25	10.4	2.01	12.4	2.57	14.4	3.19	15.4	3.53	16.4	3.89	17.1	4.06	17.5	4.09		
		27	10.4	2.14	12.4	2.74	14.4	3.41	15.4	3.78	16.4	4.16	16.8	4.23	17.2	4.26		
		29	10.4	2.29	12.4	2.93	14.4	3.65	15.4	4.04	16.2	4.36	16.6	4.40	17.0	4.43		
		31	10.4	2.43	12.4	3.12	14.4	3.90	15.4	4.32	16.0	4.53	16.3	4.57	16.7	4.61		
		33	10.4	2.59	12.4	3.33	14.4	4.16	15.4	4.61	15.7	4.70	16.1	4.74	16.5	4.78		
		35	10.4	2.76	12.4	3.54	14.4	4.44	15.3	4.85	15.5	4.87	15.8	4.91	16.2	4.96		
		37	10.4	2.93	12.4	3.78	14.4	4.73	15.0	5.02	15.2	5.05	15.6	5.09	16.0	5.13		
		39	10.4	3.12	12.4	4.02	14.4	5.04	14.8	5.19	15.0	5.22	15.4	5.26	15.7	5.31		
		100	14.00	10	9.45	1.46	11.3	1.78	13.1	2.10	14.0	2.27	14.9	2.44	16.7	2.79	18.6	3.15
				12	9.45	1.49	11.3	1.81	13.1	2.14	14.0	2.32	14.9	2.49	16.7	2.85	18.6	3.21
				14	9.45	1.52	11.3	1.84	13.1	2.18	14.0	2.36	14.9	2.54	16.7	2.90	18.5	3.24
16	9.45			1.54	11.3	1.88	13.1	2.23	14.0	2.41	14.9	2.59	16.7	2.96	18.2	3.30		
18	9.45			1.57	11.3	1.91	13.1	2.27	14.0	2.45	14.9	2.64	16.7	3.13	18.0	3.47		
20	9.45			1.60	11.3	1.95	13.1	2.34	14.0	2.58	14.9	2.83	16.7	3.36	17.7	3.63		
21	9.45			1.62	11.3	1.97	13.1	2.42	14.0	2.67	14.9	2.93	16.7	3.49	17.6	3.72		
23	9.45			1.66	11.3	2.10	13.1	2.59	14.0	2.86	14.9	3.14	16.7	3.74	17.4	3.89		
25	9.45			1.77	11.3	2.24	13.1	2.78	14.0	3.06	14.9	3.36	16.7	4.01	17.1	4.06		
27	9.45			1.89	11.3	2.40	13.1	2.97	14.0	3.27	14.9	3.60	16.5	4.20	16.9	4.23		
29	9.45			2.01	11.3	2.56	13.1	3.17	14.0	3.50	14.9	3.85	16.3	4.37	16.6	4.40		
31	9.45			2.14	11.3	2.72	13.1	3.38	14.0	3.74	14.9	4.11	16.0	4.54	16.4	4.57		
33	9.45			2.28	11.3	2.90	13.1	3.60	14.0	3.99	14.9	4.39	15.8	4.71	16.1	4.74		
35	9.45			2.42	11.3	3.09	13.1	3.84	14.0	4.25	14.9	4.68	15.5	4.88	15.9	4.92		
37	9.45			2.57	11.3	3.29	13.1	4.09	14.0	4.53	14.9	4.99	15.3	5.05	15.6	5.09		
39	9.45			2.73	11.3	3.50	13.1	4.36	14.0	4.83	14.7	5.18	15.0	5.23	15.4	5.27		

NOTES

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

3 Capacity tables

3 - 1 Cooling capacity tables

RXYSQ5PV			Indoor air temperature: °CWB														TC: Total capacity; kW; PI: Power Input: kW (compressor + outdoor fan motor)	
Combination (%)	Capacity index (kW)	Outdoor air temp. °CDB	14.0		16.0		18.0		19.0		20.0		22.0		24.0			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
90	12.60	10	8.50	1.31	10.1	1.58	11.8	1.87	12.6	2.01	13.4	2.16	15.1	2.47	16.7	2.79		
		12	8.50	1.33	10.1	1.61	11.8	1.90	12.6	2.05	13.4	2.21	15.1	2.52	16.7	2.84		
		14	8.50	1.36	10.1	1.64	11.8	1.94	12.6	2.09	13.4	2.25	15.1	2.57	16.7	2.89		
		16	8.50	1.38	10.1	1.67	11.8	1.97	12.6	2.13	13.4	2.29	15.1	2.62	16.7	2.95		
		18	8.50	1.40	10.1	1.70	11.8	2.01	12.6	2.17	13.4	2.34	15.1	2.67	16.7	3.12		
		20	8.50	1.43	10.1	1.73	11.8	2.05	12.6	2.22	13.4	2.42	15.1	2.87	16.7	3.35		
		21	8.50	1.44	10.1	1.75	11.8	2.09	12.6	2.29	13.4	2.51	15.1	2.97	16.7	3.48		
		23	8.50	1.47	10.1	1.82	11.8	2.23	12.6	2.46	13.4	2.69	15.1	3.19	16.7	3.73		
		25	8.50	1.55	10.1	1.95	11.8	2.39	12.6	2.63	13.4	2.88	15.1	3.41	16.7	4.00		
		27	8.50	1.65	10.1	2.08	11.8	2.55	12.6	2.81	13.4	3.08	15.1	3.65	16.5	4.20		
		29	8.50	1.76	10.1	2.21	11.8	2.72	12.6	3.00	13.4	3.29	15.1	3.90	16.3	4.37		
		31	8.50	1.87	10.1	2.35	11.8	2.90	12.6	3.20	13.4	3.51	15.1	4.17	16.0	4.54		
		33	8.50	1.98	10.1	2.51	11.8	3.09	12.6	3.41	13.4	3.74	15.1	4.45	15.8	4.71		
		35	8.50	2.10	10.1	2.66	11.8	3.29	12.6	3.63	13.4	3.99	15.1	4.75	15.5	4.88		
		37	8.50	2.23	10.1	2.83	11.8	3.50	12.6	3.87	13.4	4.25	15.0	5.02	15.3	5.05		
		39	8.50	2.37	10.1	3.01	11.8	3.73	12.6	4.12	13.4	4.53	14.7	5.19	15.0	5.22		
		80	11.20	10	7.56	1.16	9.0	1.39	10.5	1.64	11.2	1.76	11.9	1.89	13.4	2.16	14.8	2.43
				12	7.56	1.18	9.0	1.42	10.5	1.67	11.2	1.80	11.9	1.93	13.4	2.20	14.8	2.48
14	7.56			1.20	9.0	1.44	10.5	1.70	11.2	1.83	11.9	1.96	13.4	2.24	14.8	2.53		
16	7.56			1.22	9.0	1.47	10.5	1.73	11.2	1.86	11.9	2.00	13.4	2.28	14.8	2.57		
18	7.56			1.24	9.0	1.50	10.5	1.76	11.2	1.90	11.9	2.04	13.4	2.33	14.8	2.63		
20	7.56			1.27	9.0	1.52	10.5	1.80	11.2	1.94	11.9	2.08	13.4	2.41	14.8	2.81		
21	7.56			1.28	9.0	1.54	10.5	1.81	11.2	1.96	11.9	2.12	13.4	2.50	14.8	2.91		
23	7.56			1.30	9.0	1.57	10.5	1.90	11.2	2.08	11.9	2.27	13.4	2.68	14.8	3.12		
25	7.56			1.34	9.0	1.67	10.5	2.03	11.2	2.23	11.9	2.43	13.4	2.87	14.8	3.34		
27	7.56			1.43	9.0	1.78	10.5	2.17	11.2	2.38	11.9	2.60	13.4	3.06	14.8	3.57		
29	7.56			1.52	9.0	1.89	10.5	2.31	11.2	2.53	11.9	2.77	13.4	3.27	14.8	3.82		
31	7.56			1.61	9.0	2.01	10.5	2.46	11.2	2.70	11.9	2.95	13.4	3.49	14.8	4.08		
33	7.56			1.71	9.0	2.14	10.5	2.62	11.2	2.88	11.9	3.15	13.4	3.73	14.8	4.35		
35	7.56			1.81	9.0	2.27	10.5	2.78	11.2	3.06	11.9	3.35	13.4	3.97	14.8	4.65		
37	7.56			1.92	9.0	2.41	10.5	2.96	11.2	3.26	11.9	3.57	13.4	4.23	14.8	4.95		
39	7.56			2.04	9.0	2.56	10.5	3.15	11.2	3.47	11.9	3.80	13.4	4.51	14.7	5.18		
70	9.80			10	6.61	1.02	7.89	1.21	9.16	1.42	9.80	1.52	10.4	1.63	11.7	1.85	13.0	2.09
				12	6.61	1.04	7.89	1.23	9.16	1.44	9.80	1.55	10.4	1.66	11.7	1.89	13.0	2.12
		14	6.61	1.06	7.89	1.25	9.16	1.47	9.80	1.58	10.4	1.69	11.7	1.92	13.0	2.16		
		16	6.61	1.07	7.89	1.28	9.16	1.49	9.80	1.61	10.4	1.72	11.7	1.96	13.0	2.21		
		18	6.61	1.09	7.89	1.30	9.16	1.52	9.80	1.64	10.4	1.76	11.7	2.00	13.0	2.25		
		20	6.61	1.11	7.89	1.32	9.16	1.55	9.80	1.67	10.4	1.79	11.7	2.04	13.0	2.31		
		21	6.61	1.12	7.89	1.33	9.16	1.56	9.80	1.68	10.4	1.81	11.7	2.07	13.0	2.39		
		23	6.61	1.14	7.89	1.36	9.16	1.60	9.80	1.74	10.4	1.89	11.7	2.22	13.0	2.56		
		25	6.61	1.16	7.89	1.41	9.16	1.70	9.80	1.86	10.4	2.02	11.7	2.37	13.0	2.74		
		27	6.61	1.22	7.89	1.50	9.16	1.82	9.80	1.98	10.4	2.16	11.7	2.53	13.0	2.93		
		29	6.61	1.30	7.89	1.60	9.16	1.93	9.80	2.11	10.4	2.30	11.7	2.70	13.0	3.13		
		31	6.61	1.38	7.89	1.70	9.16	2.06	9.80	2.25	10.4	2.45	11.7	2.88	13.0	3.34		
		33	6.61	1.46	7.89	1.80	9.16	2.19	9.80	2.39	10.4	2.61	11.7	3.06	13.0	3.56		
		35	6.61	1.54	7.89	1.91	9.16	2.32	9.80	2.54	10.4	2.77	11.7	3.26	13.0	3.80		
		37	6.61	1.64	7.89	2.03	9.16	2.47	9.80	2.70	10.4	2.95	11.7	3.47	13.0	4.04		
		39	6.61	1.73	7.89	2.15	9.16	2.62	9.80	2.87	10.4	3.13	11.7	3.70	13.0	4.31		
		60	8.40	10	5.67	0.89	6.76	1.04	7.85	1.21	8.40	1.29	8.9	1.38	10.0	1.56	11.1	1.75
				12	5.67	0.90	6.76	1.06	7.85	1.23	8.40	1.32	8.9	1.41	10.0	1.59	11.1	1.78
14	5.67			0.92	6.76	1.08	7.85	1.25	8.40	1.34	8.9	1.43	10.0	1.62	11.1	1.82		
16	5.67			0.93	6.76	1.09	7.85	1.27	8.40	1.36	8.9	1.46	10.0	1.65	11.1	1.85		
18	5.67			0.94	6.76	1.11	7.85	1.29	8.40	1.39	8.9	1.48	10.0	1.68	11.1	1.89		
20	5.67			0.96	6.76	1.13	7.85	1.32	8.40	1.41	8.9	1.51	10.0	1.71	11.1	1.92		
21	5.67			0.97	6.76	1.14	7.85	1.33	8.40	1.43	8.9	1.52	10.0	1.73	11.1	1.94		
23	5.67			0.98	6.76	1.16	7.85	1.35	8.40	1.45	8.9	1.55	10.0	1.80	11.1	2.07		
25	5.67			1.00	6.76	1.18	7.85	1.41	8.40	1.53	8.9	1.65	10.0	1.92	11.1	2.21		
27	5.67			1.03	6.76	1.25	7.85	1.50	8.40	1.63	8.9	1.76	10.0	2.05	11.1	2.36		
29	5.67			1.10	6.76	1.33	7.85	1.59	8.40	1.73	8.9	1.87	10.0	2.18	11.1	2.51		
31	5.67			1.16	6.76	1.41	7.85	1.69	8.40	1.84	8.9	1.99	10.0	2.32	11.1	2.68		
33	5.67			1.23	6.76	1.50	7.85	1.79	8.40	1.95	8.9	2.12	10.0	2.47	11.1	2.85		
35	5.67			1.30	6.76	1.59	7.85	1.90	8.40	2.07	8.9	2.25	10.0	2.63	11.1	3.03		
37	5.67			1.37	6.76	1.68	7.85	2.02	8.40	2.20	8.9	2.39	10.0	2.79	11.1	3.23		
39	5.67			1.45	6.76	1.78	7.85	2.14	8.40	2.33	8.9	2.54	10.0	2.97	11.1	3.43		
50	7.00			10	4.72	0.77	5.63	0.89	6.54	1.01	7.00	1.08	7.5	1.15	8.4	1.29	9.3	1.44
				12	4.72	0.77	5.63	0.90	6.54	1.03	7.00	1.10	7.5	1.17	8.4	1.31	9.3	1.46
		14	4.72	0.79	5.63	0.91	6.54	1.04	7.00	1.11	7.5	1.19	8.4	1.33	9.3	1.49		
		16	4.72	0.80	5.63	0.92	6.54	1.06	7.00	1.13	7.5	1.21	8.4	1.36	9.3	1.51		
		18	4.72	0.81	5.63	0.94	6.54	1.08	7.00	1.15	7.5	1.23	8.4	1.38	9.3	1.54		
		20	4.72	0.82	5.63	0.95	6.54	1.10	7.00	1.17	7.5	1.25	8.4	1.41	9.3	1.57		
		21	4.72	0.82	5.63	0.96	6.54	1.11	7.00	1.18	7.5	1.26	8.4	1.42	9.3	1.59		
		23	4.72	0.84	5.63	0.98	6.54	1.13	7.00	1.20	7.5	1.28	8.4	1.45	9.3	1.62		
		25	4.72	0.85	5.63	0.99	6.54	1.15	7.00	1.23	7.5	1.32	8.4	1.52	9.3	1.73		
		27	4.72	0.86	5.63	1.03	6.54	1.21	7.00	1.30	7.5	1.40	8.4	1.62	9.3	1.84		
		29	4.72	0.91	5.63	1.09	6.54	1.28	7.00	1.39	7.5	1.49	8.4	1.72	9.3	1.96		
		31	4.72	0.96	5.63	1.15	6.54	1.36										

3 Capacity tables

3 - 1 Cooling capacity tables

RXYSQ6PV

TC: Total capacity: kW; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp. °CDB	Indoor air temperature: °CWB															
			14.0		16.0		18.0		19.0		20.0		22.0		24.0			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
130	20.80	10	13.6	2.15	16.2	2.63	18.8	3.13	20.2	3.38	20.4	3.31	20.9	3.17	21.4	3.03		
		12	13.6	2.19	16.2	2.68	18.8	3.19	19.9	3.37	20.1	3.30	20.6	3.15	21.1	3.10		
		14	13.6	2.23	16.2	2.73	18.8	3.25	19.6	3.35	19.9	3.28	20.4	3.25	20.9	3.28		
		16	13.6	2.27	16.2	2.79	18.8	3.31	19.4	3.38	19.6	3.39	20.1	3.42	20.6	3.45		
		18	13.6	2.32	16.2	2.84	18.8	3.53	19.1	3.55	19.3	3.57	19.8	3.60	20.3	3.63		
		20	13.6	2.37	16.2	3.03	18.6	3.71	18.8	3.72	19.1	3.74	19.6	3.78	20.1	3.81		
		21	13.6	2.43	16.2	3.14	18.5	3.79	18.7	3.81	19.0	3.83	19.4	3.86	19.9	3.90		
		23	13.6	2.60	16.2	3.36	18.2	3.96	18.4	3.98	18.7	4.00	19.2	4.04	19.7	4.08		
		25	13.6	2.78	16.2	3.60	17.9	4.14	18.2	4.16	18.4	4.18	18.9	4.22	19.4	4.26		
		27	13.6	2.97	16.2	3.85	17.7	4.31	17.9	4.33	18.2	4.35	18.7	4.40	19.1	4.44		
		29	13.6	3.17	16.2	4.12	17.4	4.49	17.7	4.51	17.9	4.53	18.4	4.58	18.9	4.62		
		31	13.6	3.38	16.2	4.40	17.2	4.66	17.4	4.68	17.6	4.71	18.1	4.76	18.6	4.80		
		33	13.6	3.61	16.2	4.69	16.9	4.84	17.1	4.86	17.4	4.89	17.9	4.94	18.4	4.99		
		35	13.6	3.84	16.1	4.96	16.6	5.01	16.9	5.04	17.1	5.07	17.6	5.12	18.1	5.17		
		37	13.6	4.09	15.9	5.13	16.4	5.19	16.6	5.22	16.9	5.25	17.3	5.30	17.8	5.36		
		39	13.6	4.36	15.6	5.31	16.1	5.37	16.3	5.40	16.6	5.43	17.1	5.49	17.6	5.55		
		120	19.20	10	12.6	1.96	15.0	2.40	17.4	2.85	18.6	3.08	19.8	3.32	20.5	3.27	21.0	3.14
				12	12.6	2.00	15.0	2.44	17.4	2.91	18.6	3.14	19.8	3.38	20.3	3.25	20.7	3.12
				14	12.6	2.04	15.0	2.49	17.4	2.96	18.6	3.20	19.6	3.37	20.0	3.23	20.5	3.26
16	12.6			2.08	15.0	2.54	17.4	3.02	18.6	3.27	19.3	3.37	19.8	3.40	20.2	3.43		
18	12.6			2.12	15.0	2.59	17.4	3.12	18.6	3.46	19.0	3.55	19.5	3.58	19.9	3.61		
20	12.6			2.16	15.0	2.69	17.4	3.36	18.6	3.70	18.8	3.72	19.2	3.75	19.7	3.78		
21	12.6			2.18	15.0	2.79	17.4	3.48	18.4	3.79	18.6	3.80	19.1	3.84	19.6	3.87		
23	12.6			2.33	15.0	2.99	17.4	3.73	18.2	3.96	18.4	3.98	18.8	4.01	19.3	4.05		
25	12.6			2.49	15.0	3.20	17.4	4.00	17.9	4.13	18.1	4.15	18.6	4.19	19.0	4.23		
27	12.6			2.66	15.0	3.42	17.4	4.28	17.6	4.31	17.9	4.33	18.3	4.37	18.8	4.41		
29	12.6			2.83	15.0	3.65	17.1	4.46	17.4	4.48	17.6	4.50	18.0	4.54	18.5	4.59		
31	12.6			3.02	15.0	3.90	16.9	4.63	17.1	4.66	17.3	4.68	17.8	4.72	18.2	4.77		
33	12.6			3.22	15.0	4.16	16.6	4.81	16.8	4.83	17.1	4.86	17.5	4.90	18.0	4.95		
35	12.6			3.42	15.0	4.43	16.4	4.98	16.6	5.01	16.8	5.03	17.3	5.08	17.7	5.13		
37	12.6			3.64	15.0	4.72	16.1	5.16	16.3	5.19	16.5	5.21	17.0	5.26	17.5	5.32		
39	12.6			3.88	15.0	5.03	15.8	5.34	16.1	5.36	16.3	5.39	16.7	5.45	17.2	5.50		
110	17.60			10	11.5	1.78	13.7	2.17	15.9	2.58	17.1	2.79	18.2	3.00	20.2	3.37	20.6	3.25
				12	11.5	1.82	13.7	2.21	15.9	2.63	17.1	2.84	18.2	3.06	19.9	3.35	20.3	3.23
				14	11.5	1.85	13.7	2.25	15.9	2.68	17.1	2.90	18.2	3.12	19.7	3.34	20.1	3.23
		16	11.5	1.88	13.7	2.30	15.9	2.73	17.1	2.95	18.2	3.18	19.4	3.38	19.8	3.41		
		18	11.5	1.92	13.7	2.34	15.9	2.79	17.1	3.03	18.2	3.24	19.1	3.55	19.6	3.58		
		20	11.5	1.96	13.7	2.39	15.9	2.95	17.1	3.26	18.2	3.59	18.9	3.73	19.3	3.76		
		21	11.5	1.98	13.7	2.46	15.9	3.06	17.1	3.38	18.2	3.72	18.8	3.81	19.2	3.84		
		23	11.5	2.07	13.7	2.64	15.9	3.28	17.1	3.62	18.1	3.95	18.5	3.99	18.9	4.02		
		25	11.5	2.21	13.7	2.82	15.9	3.51	17.1	3.88	17.8	4.13	18.2	4.16	18.6	4.20		
		27	11.5	2.36	13.7	3.01	15.9	3.75	17.1	4.15	17.6	4.30	18.0	4.34	18.4	4.37		
		29	11.5	2.51	13.7	3.22	15.9	4.01	17.1	4.44	17.3	4.47	17.7	4.51	18.1	4.55		
		31	11.5	2.67	13.7	3.43	15.9	4.28	16.8	4.63	17.0	4.65	17.4	4.69	17.9	4.73		
		33	11.5	2.85	13.7	3.66	15.9	4.57	16.6	4.80	16.8	4.82	17.2	4.87	17.6	4.91		
		35	11.5	3.03	13.7	3.90	15.9	4.87	16.3	4.98	16.5	5.00	16.9	5.04	17.3	5.09		
		37	11.5	3.22	13.7	4.15	15.8	5.13	16.0	5.15	16.2	5.18	16.7	5.22	17.1	5.27		
		39	11.5	3.42	13.7	4.42	15.6	5.30	15.8	5.33	16.0	5.35	16.4	5.40	16.8	5.45		
		100	16.00	10	10.5	1.61	12.5	1.95	14.5	2.31	15.5	2.50	16.5	2.69	18.5	3.07	20.2	3.36
				12	10.5	1.64	12.5	1.99	14.5	2.36	15.5	2.54	16.5	2.74	18.5	3.13	20.0	3.35
				14	10.5	1.67	12.5	2.02	14.5	2.40	15.5	2.59	16.5	2.79	18.5	3.19	19.7	3.33
16	10.5			1.70	12.5	2.06	14.5	2.45	15.5	2.64	16.5	2.84	18.5	3.25	19.4	3.38		
18	10.5			1.73	12.5	2.10	14.5	2.49	15.5	2.70	16.5	2.90	18.5	3.44	19.2	3.55		
20	10.5			1.76	12.5	2.14	14.5	2.57	15.5	2.83	16.5	3.11	18.5	3.70	18.9	3.73		
21	10.5			1.78	12.5	2.16	14.5	2.66	15.5	2.93	16.5	3.22	18.4	3.79	18.8	3.81		
23	10.5			1.83	12.5	2.31	14.5	2.85	15.5	3.14	16.5	3.45	18.1	3.96	18.5	3.99		
25	10.5			1.95	12.5	2.47	14.5	3.05	15.5	3.37	16.5	3.70	17.9	4.13	18.3	4.16		
27	10.5			2.08	12.5	2.63	14.5	3.26	15.5	3.60	16.5	3.95	17.6	4.31	18.0	4.34		
29	10.5			2.21	12.5	2.81	14.5	3.48	15.5	3.84	16.5	4.23	17.4	4.48	17.7	4.51		
31	10.5			2.35	12.5	2.99	14.5	3.71	15.5	4.10	16.5	4.51	17.1	4.65	17.5	4.69		
33	10.5			2.50	12.5	3.19	14.5	3.96	15.5	4.38	16.5	4.79	16.8	4.83	17.2	4.87		
35	10.5			2.66	12.5	3.39	14.5	4.22	15.5	4.67	16.2	4.97	16.6	5.01	16.9	5.05		
37	10.5			2.82	12.5	3.61	14.5	4.50	15.5	4.98	15.9	5.14	16.3	5.18	16.7	5.23		
39	10.5			3.00	12.5	3.84	14.5	4.79	15.5	5.29	15.7	5.32	16.0	5.36	16.4	5.41		

NOTES

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

3 Capacity tables

3 - 1 Cooling capacity tables

RXYSQ6PV			TC: Total capacity; kW; PI: Power Input: kW (compressor + outdoor fan motor)													
Combination (%)	Capacity index (kW)	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	14.40	10	9.41	1.44	11.2	1.74	13.0	2.05	14.0	2.21	14.9	2.38	16.7	2.72	18.5	3.06
		12	9.41	1.46	11.2	1.77	13.0	2.09	14.0	2.25	14.9	2.42	16.7	2.77	18.5	3.12
		14	9.41	1.49	11.2	1.80	13.0	2.13	14.0	2.30	14.9	2.47	16.7	2.82	18.5	3.18
		16	9.41	1.52	11.2	1.83	13.0	2.17	14.0	2.34	14.9	2.52	16.7	2.88	18.5	3.24
		18	9.41	1.54	11.2	1.87	13.0	2.21	14.0	2.39	14.9	2.57	16.7	2.93	18.5	3.43
		20	9.41	1.57	11.2	1.90	13.0	2.25	14.0	2.44	14.9	2.66	16.7	3.15	18.5	3.68
		21	9.41	1.59	11.2	1.92	13.0	2.29	14.0	2.52	14.9	2.76	16.7	3.27	18.4	3.79
		23	9.41	1.62	11.2	2.00	13.0	2.45	14.0	2.70	14.9	2.95	16.7	3.50	18.1	3.96
		25	9.41	1.70	11.2	2.14	13.0	2.62	14.0	2.89	14.9	3.16	16.7	3.75	17.9	4.13
		27	9.41	1.81	11.2	2.28	13.0	2.80	14.0	3.08	14.9	3.38	16.7	4.01	17.6	4.31
		29	9.41	1.93	11.2	2.43	13.0	2.99	14.0	3.29	14.9	3.61	16.7	4.29	17.3	4.48
		31	9.41	2.05	11.2	2.59	13.0	3.19	14.0	3.51	14.9	3.85	16.7	4.58	17.1	4.65
		33	9.41	2.18	11.2	2.75	13.0	3.40	14.0	3.74	14.9	4.11	16.5	4.79	16.8	4.83
		35	9.41	2.31	11.2	2.93	13.0	3.62	14.0	3.99	14.9	4.38	16.2	4.97	16.6	5.01
		37	9.41	2.45	11.2	3.11	13.0	3.85	14.0	4.25	14.9	4.67	16.0	5.14	16.3	5.18
		39	9.41	2.60	11.2	3.31	13.0	4.10	14.0	4.52	14.9	4.97	15.7	5.32	16.0	5.36
80	12.80	10	8.37	1.28	10.0	1.53	11.6	1.80	12.4	1.94	13.2	2.08	14.8	2.37	16.4	2.67
		12	8.37	1.30	10.0	1.56	11.6	1.83	12.4	1.97	13.2	2.12	14.8	2.42	16.4	2.72
		14	8.37	1.32	10.0	1.58	11.6	1.86	12.4	2.01	13.2	2.16	14.8	2.46	16.4	2.77
		16	8.37	1.34	10.0	1.61	11.6	1.90	12.4	2.05	13.2	2.20	14.8	2.51	16.4	2.83
		18	8.37	1.37	10.0	1.64	11.6	1.94	12.4	2.09	13.2	2.24	14.8	2.56	16.4	2.89
		20	8.37	1.39	10.0	1.67	11.6	1.97	12.4	2.13	13.2	2.29	14.8	2.65	16.4	3.09
		21	8.37	1.40	10.0	1.69	11.6	1.99	12.4	2.15	13.2	2.33	14.8	2.75	16.4	3.20
		23	8.37	1.43	10.0	1.72	11.6	2.09	12.4	2.29	13.2	2.50	14.8	2.94	16.4	3.43
		25	8.37	1.48	10.0	1.83	11.6	2.23	12.4	2.45	13.2	2.67	14.8	3.15	16.4	3.67
		27	8.37	1.57	10.0	1.95	11.6	2.38	12.4	2.61	13.2	2.85	14.8	3.37	16.4	3.93
		29	8.37	1.67	10.0	2.08	11.6	2.54	12.4	2.78	13.2	3.04	14.8	3.60	16.4	4.20
		31	8.37	1.77	10.0	2.21	11.6	2.70	12.4	2.97	13.2	3.24	14.8	3.84	16.4	4.48
		33	8.37	1.88	10.0	2.35	11.6	2.88	12.4	3.16	13.2	3.46	14.8	4.09	16.4	4.79
		35	8.37	1.99	10.0	2.50	11.6	3.06	12.4	3.36	13.2	3.68	14.8	4.36	16.2	4.96
		37	8.37	2.11	10.0	2.65	11.6	3.25	12.4	3.58	13.2	3.92	14.8	4.65	15.9	5.14
		39	8.37	2.24	10.0	2.81	11.6	3.46	12.4	3.81	13.2	4.17	14.8	4.95	15.7	5.31
70	11.20	10	7.32	1.12	8.73	1.33	10.1	1.56	10.9	1.67	11.6	1.79	13.0	2.04	14.4	2.29
		12	7.32	1.14	8.73	1.36	10.1	1.58	10.9	1.70	11.6	1.82	13.0	2.07	14.4	2.33
		14	7.32	1.16	8.73	1.38	10.1	1.61	10.9	1.73	11.6	1.86	13.0	2.11	14.4	2.38
		16	7.32	1.18	8.73	1.40	10.1	1.64	10.9	1.77	11.6	1.89	13.0	2.15	14.4	2.42
		18	7.32	1.20	8.73	1.43	10.1	1.67	10.9	1.80	11.6	1.93	13.0	2.20	14.4	2.47
		20	7.32	1.22	8.73	1.45	10.1	1.70	10.9	1.83	11.6	1.97	13.0	2.24	14.4	2.54
		21	7.32	1.23	8.73	1.47	10.1	1.72	10.9	1.85	11.6	1.99	13.0	2.28	14.4	2.63
		23	7.32	1.25	8.73	1.49	10.1	1.75	10.9	1.91	11.6	2.08	13.0	2.43	14.4	2.82
		25	7.32	1.27	8.73	1.55	10.1	1.87	10.9	2.04	11.6	2.22	13.0	2.60	14.4	3.01
		27	7.32	1.34	8.73	1.65	10.1	1.99	10.9	2.18	11.6	2.37	13.0	2.78	14.4	3.22
		29	7.32	1.43	8.73	1.76	10.1	2.12	10.9	2.32	11.6	2.53	13.0	2.97	14.4	3.44
		31	7.32	1.51	8.73	1.87	10.1	2.26	10.9	2.47	11.6	2.69	13.0	3.16	14.4	3.67
		33	7.32	1.60	8.73	1.98	10.1	2.40	10.9	2.63	11.6	2.86	13.0	3.37	14.4	3.91
		35	7.32	1.70	8.73	2.10	10.1	2.55	10.9	2.79	11.6	3.05	13.0	3.59	14.4	4.17
		37	7.32	1.80	8.73	2.23	10.1	2.71	10.9	2.97	11.6	3.24	13.0	3.82	14.4	4.44
		39	7.32	1.90	8.73	2.36	10.1	2.88	10.9	3.15	11.6	3.44	13.0	4.06	14.4	4.73
60	9.60	10	6.28	0.98	7.49	1.15	8.70	1.33	9.30	1.42	9.90	1.52	11.1	1.72	12.3	1.92
		12	6.28	0.99	7.49	1.17	8.70	1.35	9.30	1.45	9.90	1.54	11.1	1.75	12.3	1.96
		14	6.28	1.01	7.49	1.18	8.70	1.37	9.30	1.47	9.90	1.57	11.1	1.78	12.3	2.00
		16	6.28	1.02	7.49	1.20	8.70	1.40	9.30	1.50	9.90	1.60	11.1	1.81	12.3	2.03
		18	6.28	1.04	7.49	1.22	8.70	1.42	9.30	1.52	9.90	1.63	11.1	1.85	12.3	2.07
		20	6.28	1.05	7.49	1.24	8.70	1.45	9.30	1.55	9.90	1.66	11.1	1.88	12.3	2.11
		21	6.28	1.06	7.49	1.25	8.70	1.46	9.30	1.57	9.90	1.68	11.1	1.90	12.3	2.13
		23	6.28	1.08	7.49	1.28	8.70	1.49	9.30	1.60	9.90	1.71	11.1	1.98	12.3	2.27
		25	6.28	1.10	7.49	1.30	8.70	1.54	9.30	1.68	9.90	1.82	11.1	2.11	12.3	2.43
		27	6.28	1.14	7.49	1.38	8.70	1.64	9.30	1.79	9.90	1.93	11.1	2.25	12.3	2.59
		29	6.28	1.20	7.49	1.46	8.70	1.75	9.30	1.90	9.90	2.06	11.1	2.40	12.3	2.76
		31	6.28	1.28	7.49	1.55	8.70	1.86	9.30	2.02	9.90	2.19	11.1	2.55	12.3	2.94
		33	6.28	1.35	7.49	1.64	8.70	1.97	9.30	2.14	9.90	2.33	11.1	2.71	12.3	3.13
		35	6.28	1.43	7.49	1.74	8.70	2.09	9.30	2.28	9.90	2.47	11.1	2.89	12.3	3.33
		37	6.28	1.51	7.49	1.84	8.70	2.22	9.30	2.42	9.90	2.62	11.1	3.07	12.3	3.55
		39	6.28	1.59	7.49	1.95	8.70	2.35	9.30	2.56	9.90	2.79	11.1	3.26	12.3	3.77
50	8.00	10	5.23	0.84	6.24	0.97	7.25	1.11	7.75	1.19	8.25	1.26	9.26	1.42	10.3	1.58
		12	5.23	0.85	6.24	0.99	7.25	1.13	7.75	1.20	8.25	1.28	9.26	1.44	10.3	1.61
		14	5.23	0.86	6.24	1.00	7.25	1.15	7.75	1.22	8.25	1.30	9.26	1.46	10.3	1.63
		16	5.23	0.87	6.24	1.02	7.25	1.17	7.75	1.24	8.25	1.32	9.26	1.49	10.3	1.66
		18	5.23	0.89	6.24	1.03	7.25	1.19	7.75	1.27	8.25	1.35	9.26	1.52	10.3	1.69
		20	5.23	0.90	6.24	1.05	7.25	1.21	7.75	1.29	8.25	1.37	9.26	1.55	10.3	1.73
		21	5.23	0.91	6.24	1.06	7.25	1.22	7.75	1.30	8.25	1.38	9.26	1.56	10.3	1.74
		23	5.23	0.92	6.24	1.07	7.25	1.24	7.75	1.32	8.25	1.41	9.26	1.59	10.3	1.78
		25	5.23	0.93	6.24	1.09	7.25	1.26	7.75	1.35	8.25	1.45	9.26	1.67	10.3	1.90
		27	5.23	0.95	6.24	1.13	7.25	1.33	7.75	1.43	8.25	1.54	9.26	1.78	10.3	2.03
		29	5.23	1.00	6.24	1.20	7.25	1.41	7.75	1.52	8.25	1.64	9.26	1.89	10.3	2.16
		31	5.23	1.06	6.24	1.27	7.25	1.49	7.75	1.62	8.25	1.74				

3 Capacity tables

3 - 2 Heating capacity tables

3

RXYSQ4PV

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	14.56	-19.8	-20.0	10.2	3.86	10.2	4.02	10.1	4.18	10.1	4.25	10.1	4.33	10.1	4.49
		-18.8	-19.0	10.5	3.95	10.5	4.10	10.4	4.25	10.4	4.33	10.4	4.40	10.4	4.56
		-16.7	-17.0	11.1	4.11	11.1	4.25	11.0	4.39	11.0	4.46	11.0	4.54	11.0	4.68
		-14.7	-15.0	11.7	4.25	11.7	4.38	11.7	4.52	11.6	4.58	11.6	4.65	11.6	4.79
		-12.6	-13.0	12.3	4.37	12.3	4.50	12.3	4.63	12.3	4.69	12.2	4.76	12.2	4.89
		-10.5	-11.0	12.9	4.49	12.9	4.61	12.9	4.73	12.9	4.79	12.8	4.85	12.8	4.98
		-9.5	-10.0	13.2	4.54	13.2	4.66	13.2	4.78	13.2	4.84	13.2	4.90	13.1	5.02
		-8.5	-9.1	13.5	4.59	13.5	4.70	13.5	4.82	13.4	4.88	13.4	4.94	13.4	5.05
		-7.0	-7.6	14.0	4.66	13.9	4.77	13.9	4.88	13.9	4.94	13.9	5.00	13.9	5.11
		-5.0	-5.6	14.6	4.75	14.6	4.86	14.5	4.96	14.5	5.02	14.5	5.07	14.2	5.00
		-3.0	-3.7	15.2	4.83	15.1	4.93	15.1	5.03	15.1	5.09	15.1	5.14	14.2	4.75
		0.0	-0.7	16.1	4.94	16.1	5.04	16.0	5.14	15.7	5.04	15.2	4.82	14.2	4.40
		3.0	2.2	17.0	5.04	16.9	5.13	16.3	4.90	15.7	4.69	15.2	4.50	14.2	4.11
		5.0	4.1	17.6	5.10	17.3	5.08	16.3	4.69	15.7	4.49	15.2	4.31	14.2	3.94
		7.0	6.0	18.1	5.15	17.3	4.87	16.3	4.49	15.7	4.31	15.2	4.13	14.2	3.78
		9.0	7.9	18.3	5.04	17.3	4.67	16.3	4.31	15.7	4.14	15.2	3.97	14.2	3.64
		11.0	9.8	18.3	4.84	17.3	4.49	16.3	4.15	15.7	3.98	15.2	3.82	14.2	3.50
13.0	11.8	18.3	4.65	17.3	4.31	16.3	3.99	15.7	3.83	15.2	3.68	14.2	3.37		
15.0	13.7	18.3	4.48	17.3	4.16	16.3	3.85	15.7	3.70	15.2	3.55	14.2	3.26		
120	13.44	-19.8	-20.0	10.1	4.08	10.1	4.22	10.1	4.36	10.1	4.44	10.1	4.51	10.0	4.65
		-18.8	-19.0	10.5	4.15	10.4	4.29	10.4	4.43	10.4	4.50	10.4	4.57	10.3	4.71
		-16.7	-17.0	11.1	4.30	11.0	4.43	11.0	4.56	11.0	4.63	11.0	4.70	11.0	4.83
		-14.7	-15.0	11.7	4.43	11.6	4.55	11.6	4.68	11.6	4.74	11.6	4.80	11.6	4.93
		-12.6	-13.0	12.3	4.55	12.3	4.66	12.2	4.78	12.2	4.84	12.2	4.90	12.2	5.02
		-10.5	-11.0	12.9	4.65	12.9	4.76	12.8	4.88	12.8	4.93	12.8	4.99	12.8	5.10
		-9.5	-10.0	13.2	4.70	13.2	4.81	13.1	4.92	13.1	4.98	13.1	5.03	13.1	5.13
		-8.5	-9.1	13.5	4.74	13.5	4.85	13.4	4.96	13.4	5.01	13.4	5.07	13.1	4.99
		-7.0	-7.6	13.9	4.81	13.9	4.92	13.9	5.02	13.9	5.07	13.9	5.12	13.1	4.77
		-5.0	-5.6	14.5	4.89	14.5	4.99	14.5	5.09	14.5	5.14	14.0	4.94	13.1	4.51
		-3.0	-3.7	15.1	4.97	15.1	5.06	15.0	5.12	14.5	4.90	14.0	4.70	13.1	4.29
		0.0	-0.7	16.0	5.07	16.0	5.13	15.0	4.74	14.5	4.54	14.0	4.35	13.1	3.98
		3.0	2.2	16.9	5.16	16.0	4.78	15.0	4.42	14.5	4.24	14.0	4.06	13.1	3.72
		5.0	4.1	16.9	4.94	16.0	4.58	15.0	4.23	14.5	4.06	14.0	3.89	13.1	3.57
		7.0	6.0	16.9	4.73	16.0	4.39	15.0	4.06	14.5	3.90	14.0	3.74	13.1	3.43
		9.0	7.9	16.9	4.54	16.0	4.22	15.0	3.90	14.5	3.75	14.0	3.60	13.1	3.30
		11.0	9.8	16.9	4.37	16.0	4.06	15.0	3.76	14.5	3.61	14.0	3.47	13.1	3.18
13.0	11.8	16.9	4.20	16.0	3.90	15.0	3.62	14.5	3.48	14.0	3.34	13.1	3.07		
15.0	13.7	16.9	4.05	16.0	3.77	15.0	3.49	14.5	3.36	14.0	3.22	13.1	2.96		
110	12.32	-19.8	-20.0	10.1	4.29	10.1	4.42	10.1	4.55	10.0	4.62	10.0	4.68	10.0	4.82
		-18.8	-19.0	10.4	4.36	10.4	4.49	10.4	4.62	10.4	4.68	10.3	4.74	10.3	4.87
		-16.7	-17.0	11.0	4.49	11.0	4.61	11.0	4.73	11.0	4.79	11.0	4.86	10.9	4.98
		-14.7	-15.0	11.6	4.61	11.6	4.73	11.6	4.84	11.6	4.90	11.6	4.96	11.5	5.07
		-12.6	-13.0	12.2	4.72	12.2	4.83	12.2	4.94	12.2	4.99	12.2	5.05	12.0	5.04
		-10.5	-11.0	12.9	4.82	12.8	4.92	12.8	5.02	12.8	5.08	12.8	5.13	12.0	4.72
		-9.5	-10.0	13.2	4.86	13.1	4.96	13.1	5.06	13.1	5.11	12.9	5.02	12.0	4.58
		-8.5	-9.1	13.4	4.90	13.4	5.00	13.4	5.10	13.3	5.10	12.9	4.89	12.0	4.46
		-7.0	-7.6	13.9	4.96	13.9	5.06	13.8	5.09	13.3	4.88	12.9	4.68	12.0	4.27
		-5.0	-5.6	14.5	5.04	14.5	5.13	13.8	4.81	13.3	4.62	12.9	4.42	12.0	4.04
		-3.0	-3.7	15.1	5.11	14.6	4.96	13.8	4.57	13.3	4.39	12.9	4.20	12.0	3.85
		0.0	-0.7	15.5	4.95	14.6	4.59	13.8	4.24	13.3	4.07	12.9	3.90	12.0	3.58
		3.0	2.2	15.5	4.61	14.6	4.28	13.8	3.96	13.3	3.80	12.9	3.65	12.0	3.35
		5.0	4.1	15.5	4.42	14.6	4.10	13.8	3.80	13.3	3.65	12.9	3.50	12.0	3.21
		7.0	6.0	15.5	4.24	14.6	3.94	13.8	3.65	13.3	3.50	12.9	3.36	12.0	3.09
		9.0	7.9	15.5	4.07	14.6	3.79	13.8	3.51	13.3	3.37	12.9	3.24	12.0	2.98
		11.0	9.8	15.5	3.92	14.6	3.65	13.8	3.38	13.3	3.25	12.9	3.12	12.0	2.87
13.0	11.8	15.5	3.77	14.6	3.51	13.8	3.26	13.3	3.13	12.9	3.01	12.0	2.77		
15.0	13.7	15.5	3.64	14.6	3.39	13.8	3.15	13.3	3.03	12.9	2.91	12.0	2.68		
100	11.20	-19.8	-20.0	10.1	4.50	10.0	4.62	10.0	4.74	10.0	4.80	10.0	4.86	10.0	4.98
		-18.8	-19.0	10.4	4.56	10.4	4.68	10.3	4.80	10.3	4.86	10.3	4.91	10.3	5.03
		-16.7	-17.0	11.0	4.69	11.0	4.80	10.9	4.91	10.9	4.96	10.9	5.02	10.9	5.12
		-14.7	-15.0	11.6	4.79	11.6	4.90	11.6	5.00	11.5	5.05	11.5	5.11	10.9	4.77
		-12.6	-13.0	12.2	4.89	12.2	4.99	12.2	5.09	12.1	5.10	11.7	4.88	10.9	4.46
		-10.5	-11.0	12.8	4.98	12.8	5.08	12.5	4.99	12.1	4.78	11.7	4.58	10.9	4.18
		-9.5	-10.0	13.1	5.02	13.1	5.12	12.5	4.84	12.1	4.64	11.7	4.44	10.9	4.06
		-8.5	-9.1	13.4	5.06	13.3	5.10	12.5	4.71	12.1	4.51	11.7	4.32	10.9	3.96
		-7.0	-7.6	13.9	5.12	13.3	4.88	12.5	4.51	12.1	4.32	11.7	4.14	10.9	3.79
		-5.0	-5.6	14.1	4.98	13.3	4.61	12.5	4.26	12.1	4.09	11.7	3.92	10.9	3.59
		-3.0	-3.7	14.1	4.73	13.3	4.39	12.5	4.05	12.1	3.89	11.7	3.73	10.9	3.42
		0.0	-0.7	14.1	4.38	13.3	4.07	12.5	3.77	12.1	3.62	11.7	3.47	10.9	3.19
		3.0	2.2	14.1	4.09	13.3	3.80	12.5	3.52	12.1	3.39	11.7	3.25	10.9	2.99
		5.0	4.1	14.1	3.92	13.3	3.65	12.5	3.38	12.1	3.25	11.7	3.12	10.9	2.87
		7.0	6.0	14.1	3.76	13.3	3.50	12.5	3.25	12.1	3.13	11.7	3.00	10.9	2.76
		9.0	7.9	14.1	3.62	13.3	3.37	12.5	3.13	12.1	3.01	11.7	2.89	10.9	2.67
		11.0	9.8	14.1	3.49	13.3	3.25	12.5	3.02	12.1	2.90	11.7	2.79	10.9	2.57
13.0	11.8	14.1	3.36	13.3	3.13	12.5	2.91	12.1	2.80	11.7	2.69	10.9	2.48		
15.0	13.7	14.1	3.24	13.3	3.02	12.5	2.81	12.1	2.71	11.7	2.61	10.9	2.41		

NOTES

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

3 Capacity tables

3 - 2 Heating capacity tables

RXYSQ4PV															
TC: Total Capacity: kW · PI: Power Input: kW (compressor + outdoor fan motor)															
Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW		kW		kW		kW		kW		kW	
90	10.08	-19.8	-20.0	10.0	4.71	10.0	4.82	10.0	4.92	10.0	4.98	10.0	5.03	9.80	5.02
		-18.8	-19.0	10.3	4.77	10.3	4.87	10.3	4.98	10.3	5.03	10.3	5.08	9.80	4.82
		-16.7	-17.0	10.9	4.88	10.9	4.98	10.9	5.08	10.9	5.12	10.5	4.90	9.80	4.47
		-14.7	-15.0	11.6	4.98	11.5	5.07	11.3	4.97	10.9	4.76	10.5	4.56	9.80	4.17
		-12.6	-13.0	12.2	5.07	12.0	5.03	11.3	4.64	10.9	4.45	10.5	4.27	9.80	3.90
		-10.5	-11.0	12.7	5.09	12.0	4.72	11.3	4.36	10.9	4.18	10.5	4.01	9.80	3.67
		-9.5	-10.0	12.7	4.93	12.0	4.58	11.3	4.23	10.9	4.06	10.5	3.89	9.80	3.57
		-8.5	-9.1	12.7	4.80	12.0	4.45	11.3	4.12	10.9	3.95	10.5	3.79	9.80	3.48
		-7.0	-7.6	12.7	4.60	12.0	4.27	11.3	3.95	10.9	3.79	10.5	3.64	9.80	3.33
		-5.0	-5.6	12.7	4.35	12.0	4.04	11.3	3.74	10.9	3.59	10.5	3.45	9.80	3.16
		-3.0	-3.7	12.7	4.13	12.0	3.84	11.3	3.56	10.9	3.42	10.5	3.29	9.80	3.02
		0.0	-0.7	12.7	3.84	12.0	3.57	11.3	3.31	10.9	3.19	10.5	3.06	9.80	2.82
		3.0	2.2	12.7	3.59	12.0	3.34	11.3	3.10	10.9	2.99	10.5	2.87	9.80	2.65
		5.0	4.1	12.7	3.44	12.0	3.21	11.3	2.98	10.9	2.87	10.5	2.76	9.80	2.54
		7.0	6.0	12.7	3.31	12.0	3.09	11.3	2.87	10.9	2.76	10.5	2.66	9.80	2.45
		9.0	7.9	12.7	3.19	12.0	2.97	11.3	2.77	10.9	2.66	10.5	2.56	9.80	2.37
		11.0	9.8	12.7	3.07	12.0	2.87	11.3	2.67	10.9	2.57	10.5	2.48	9.80	2.29
		13.0	11.8	12.7	2.96	12.0	2.77	11.3	2.58	10.9	2.48	10.5	2.39	9.80	2.21
		15.0	13.7	12.7	2.86	12.0	2.68	11.3	2.49	10.9	2.40	10.5	2.32	9.80	2.14
		80	8.96	-19.8	-20.0	10.0	4.92	10.0	5.02	10.0	5.11	9.68	4.93	9.36	4.72
-18.8	-19.0			10.3	4.97	10.3	5.07	10.0	4.95	9.68	4.74	9.36	4.54	8.71	4.15
-16.7	-17.0			10.9	5.07	10.6	4.97	10.0	4.59	9.68	4.40	9.36	4.21	8.71	3.86
-14.7	-15.0			11.3	4.99	10.6	4.63	10.0	4.27	9.68	4.10	9.36	3.93	8.71	3.60
-12.6	-13.0			11.3	4.66	10.6	4.33	10.0	4.00	9.68	3.84	9.36	3.69	8.71	3.38
-10.5	-11.0			11.3	4.38	10.6	4.06	10.0	3.76	9.68	3.61	9.36	3.47	8.71	3.18
-9.5	-10.0			11.3	4.24	10.6	3.94	10.0	3.65	9.68	3.51	9.36	3.37	8.71	3.09
-8.5	-9.1			11.3	4.13	10.6	3.84	10.0	3.56	9.68	3.42	9.36	3.29	8.71	3.02
-7.0	-7.6			11.3	3.96	10.6	3.68	10.0	3.42	9.68	3.28	9.36	3.15	8.71	2.90
-5.0	-5.6			11.3	3.75	10.6	3.49	10.0	3.24	9.68	3.12	9.36	3.00	8.71	2.76
-3.0	-3.7			11.3	3.57	10.6	3.33	10.0	3.09	9.68	2.97	9.36	2.86	8.71	2.63
0.0	-0.7			11.3	3.32	10.6	3.10	10.0	2.88	9.68	2.77	9.36	2.67	8.71	2.46
3.0	2.2			11.3	3.12	10.6	2.91	10.0	2.71	9.68	2.61	9.36	2.51	8.71	2.32
5.0	4.1			11.3	2.99	10.6	2.80	10.0	2.60	9.68	2.51	9.36	2.41	8.71	2.23
7.0	6.0			11.3	2.88	10.6	2.69	10.0	2.51	9.68	2.42	9.36	2.33	8.71	2.15
9.0	7.9			11.3	2.78	10.6	2.60	10.0	2.42	9.68	2.33	9.36	2.25	8.71	2.08
11.0	9.8			11.3	2.68	10.6	2.51	10.0	2.34	9.68	2.26	9.36	2.17	8.71	2.01
13.0	11.8			11.3	2.59	10.6	2.42	10.0	2.26	9.68	2.18	9.36	2.10	8.71	1.95
15.0	13.7			11.3	2.50	10.6	2.34	10.0	2.19	9.68	2.11	9.36	2.04	8.71	1.89
70	7.84			-19.8	-20.0	9.87	5.06	9.31	4.69	8.75	4.34	8.47	4.16	8.19	3.99
		-18.8	-19.0	9.87	4.87	9.31	4.51	8.75	4.17	8.47	4.00	8.19	3.84	7.63	3.52
		-16.7	-17.0	9.87	4.51	9.31	4.19	8.75	3.88	8.47	3.72	8.19	3.57	7.63	3.28
		-14.7	-15.0	9.87	4.21	9.31	3.91	8.75	3.62	8.47	3.48	8.19	3.34	7.63	3.07
		-12.6	-13.0	9.87	3.94	9.31	3.66	8.75	3.40	8.47	3.27	8.19	3.14	7.63	2.88
		-10.5	-11.0	9.87	3.70	9.31	3.45	8.75	3.20	8.47	3.08	8.19	2.96	7.63	2.72
		-9.5	-10.0	9.87	3.60	9.31	3.35	8.75	3.11	8.47	2.99	8.19	2.88	7.63	2.61
		-8.5	-9.1	9.87	3.51	9.31	3.27	8.75	3.03	8.47	2.92	8.19	2.81	7.63	2.59
		-7.0	-7.6	9.87	3.36	9.31	3.14	8.75	2.91	8.47	2.81	8.19	2.71	7.63	2.49
		-5.0	-5.6	9.87	3.19	9.31	2.98	8.75	2.77	8.47	2.67	8.19	2.57	7.63	2.37
		-3.0	-3.7	9.87	3.04	9.31	2.84	8.75	2.65	8.47	2.55	8.19	2.45	7.63	2.27
		0.0	-0.7	9.87	2.84	9.31	2.65	8.75	2.47	8.47	2.38	8.19	2.30	7.63	2.12
		3.0	2.2	9.87	2.67	9.31	2.50	8.75	2.33	8.47	2.24	8.19	2.16	7.63	2.00
		5.0	4.1	9.87	2.57	9.31	2.40	8.75	2.24	8.47	2.16	8.19	2.08	7.63	1.93
		7.0	6.0	9.87	2.47	9.31	2.32	8.75	2.16	8.47	2.09	8.19	2.01	7.63	1.87
		9.0	7.9	9.87	2.39	9.31	2.24	8.75	2.09	8.47	2.02	8.19	1.95	7.63	1.81
		11.0	9.8	9.87	2.31	9.31	2.16	8.75	2.02	8.47	1.95	8.19	1.88	7.63	1.75
		13.0	11.8	9.87	2.23	9.31	2.09	8.75	1.95	8.47	1.89	8.19	1.82	7.63	1.69
		15.0	13.7	9.87	2.16	9.31	2.03	8.75	1.90	8.47	1.83	8.19	1.77	7.63	1.64
		60	6.72	-19.8	-20.0	8.46	4.16	7.98	3.86	7.50	3.58	7.26	3.44	7.02	3.30
-18.8	-19.0			8.46	4.00	7.98	3.72	7.50	3.45	7.26	3.31	7.02	3.18	6.54	2.93
-16.7	-17.0			8.46	3.72	7.98	3.46	7.50	3.21	7.26	3.09	7.02	2.97	6.54	2.73
-14.7	-15.0			8.46	3.48	7.98	3.24	7.50	3.01	7.26	2.90	7.02	2.78	6.54	2.57
-12.6	-13.0			8.46	3.26	7.98	3.04	7.50	2.83	7.26	2.72	7.02	2.62	6.54	2.42
-10.5	-11.0			8.46	3.08	7.98	2.87	7.50	2.67	7.26	2.57	7.02	2.48	6.54	2.29
-9.5	-10.0			8.46	2.99	7.98	2.79	7.50	2.60	7.26	2.50	7.02	2.41	6.54	2.23
-8.5	-9.1			8.46	2.92	7.98	2.73	7.50	2.54	7.26	2.45	7.02	2.36	6.54	2.18
-7.0	-7.6			8.46	2.80	7.98	2.62	7.50	2.44	7.26	2.35	7.02	2.27	6.54	2.10
-5.0	-5.6			8.46	2.67	7.98	2.49	7.50	2.33	7.26	2.24	7.02	2.16	6.54	2.00
-3.0	-3.7			8.46	2.55	7.98	2.38	7.50	2.23	7.26	2.15	7.02	2.07	6.54	1.92
0.0	-0.7			8.46	2.38	7.98	2.23	7.50	2.09	7.26	2.01	7.02	1.94	6.54	1.80
3.0	2.2			8.46	2.24	7.98	2.10	7.50	1.97	7.26	1.90	7.02	1.83	6.54	1.70
5.0	4.1			8.46	2.16	7.98	2.03	7.50	1.90	7.26	1.83	7.02	1.77	6.54	1.65
7.0	6.0			8.46	2.09	7.98	1.96	7.50	1.83	7.26	1.77	7.02	1.71	6.54	1.59
9.0	7.9			8.46	2.02	7.98	1.89	7.50	1.77	7.26	1.72	7.02	1.66	6.54	1.54
11.0	9.8			8.46	1.95	7.98	1.83	7.50	1.72	7.26	1.66	7.02	1.61	6.54	1.50
13.0	11.8			8.46	1.89	7.98	1.77	7.50	1.66	7.26	1.61	7.02	1.56	6.54	1.45
15.0	13.7			8.46	1.83	7.98	1.72	7.50	1.62	7.26	1.56	7.02	1.51	6.54	1.41
50	5.60			-19.8	-20.0	7.05	3.32	6.65	3.10	6.25	2.88	6.05	2.77	5.85	2.67
		-18.8	-19.0	7.05	3.20	6.65	2.99	6.25	2.78	6.05	2.68	5.85	2.57	5.45	2.38
		-16.7	-17.0	7.05	2.99	6.65	2.79	6.25	2.60	6.05	2.50	5.85	2.41	5.45	2.23
		-14.7	-15.0	7.05	2.80	6.65	2.62	6.25	2.44	6.05	2.35	5.85	2.26		

3 Capacity tables

3 - 2 Heating capacity tables

3

RXYSQ5PV

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB													
				16.0		18.0		20.0		21.0		22.0		24.0			
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
130	18.20	-19.8	-20.0	11.1	3.18	11.0	3.37	11.0	3.56	11.0	3.75	11.0	3.94	11.0	4.13	11.0	4.32
		-18.8	-19.0	11.4	3.28	11.4	3.46	11.3	3.65	11.3	3.84	11.3	4.03	11.3	4.22	11.3	4.41
		-16.7	-17.0	12.1	3.47	12.0	3.64	12.0	3.82	12.0	4.00	11.9	4.19	11.9	4.37	11.9	4.56
		-14.7	-15.0	12.7	3.64	12.7	3.80	12.6	3.97	12.6	4.15	12.6	4.33	12.6	4.51	12.6	4.69
		-12.6	-13.0	13.4	3.79	13.3	3.95	13.3	4.10	13.3	4.28	13.3	4.46	13.3	4.64	13.3	4.82
		-10.5	-11.0	14.0	3.93	14.0	4.08	14.0	4.22	13.9	4.37	13.9	4.51	13.9	4.65	13.9	4.79
		-9.5	-10.0	14.4	3.99	14.3	4.14	14.3	4.28	14.3	4.43	14.3	4.57	14.3	4.71	14.3	4.85
		-8.5	-9.1	14.7	4.05	14.6	4.19	14.6	4.33	14.6	4.47	14.6	4.61	14.6	4.75	14.6	4.89
		-7.0	-7.6	15.2	4.13	15.1	4.27	15.1	4.41	15.1	4.55	15.0	4.69	15.0	4.83	15.0	4.97
		-5.0	-5.6	15.8	4.24	15.8	4.37	15.7	4.50	15.7	4.64	15.7	4.78	15.7	4.92	15.7	5.06
		-3.0	-3.7	16.4	4.34	16.4	4.46	16.4	4.59	16.3	4.73	16.3	4.86	16.3	4.99	16.3	5.12
		0.0	-0.7	17.4	4.47	17.4	4.59	17.3	4.71	17.3	4.84	17.3	4.97	17.3	5.10	17.3	5.23
		3.0	2.2	18.4	4.59	18.3	4.70	18.3	4.81	18.3	4.94	18.3	5.07	18.3	5.20	18.3	5.33
		5.0	4.1	19.0	4.66	19.0	4.77	18.9	4.88	18.9	5.01	18.9	5.14	18.9	5.27	18.9	5.40
		7.0	6.0	19.6	4.73	19.6	4.83	19.6	4.94	19.5	5.07	19.5	5.20	19.5	5.33	19.5	5.46
		9.0	7.9	20.3	4.79	20.2	4.89	20.2	4.99	20.1	5.13	20.1	5.26	20.1	5.39	20.1	5.52
		11.0	9.8	20.9	4.85	20.8	4.95	20.8	5.04	20.1	5.17	20.1	5.30	20.1	5.43	20.1	5.56
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	16.7	3.83		
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	16.7	3.67		
120	16.80	-19.8	-20.0	11.0	3.43	11.0	3.61	11.0	3.78	10.9	3.96	10.9	4.13	10.9	4.31	10.9	4.48
		-18.8	-19.0	11.3	3.53	11.3	3.70	11.3	3.87	11.3	4.04	11.2	4.21	11.2	4.38	11.2	4.55
		-16.7	-17.0	12.0	3.70	12.0	3.86	11.9	4.02	11.9	4.19	11.9	4.36	11.9	4.53	11.9	4.70
		-14.7	-15.0	12.7	3.86	12.6	4.01	12.6	4.16	12.6	4.32	12.6	4.48	12.6	4.64	12.6	4.80
		-12.6	-13.0	13.3	4.00	13.3	4.14	13.3	4.29	13.2	4.43	13.2	4.58	13.2	4.73	13.2	4.88
		-10.5	-11.0	14.0	4.13	13.9	4.26	13.9	4.40	13.9	4.54	13.9	4.68	13.9	4.82	13.9	4.96
		-9.5	-10.0	14.3	4.19	14.3	4.32	14.2	4.45	14.2	4.59	14.2	4.72	14.2	4.86	14.2	4.99
		-8.5	-9.1	14.6	4.24	14.6	4.37	14.5	4.50	14.5	4.63	14.5	4.76	14.5	4.89	14.5	5.02
		-7.0	-7.6	15.1	4.32	15.1	4.45	15.0	4.57	15.0	4.70	15.0	4.83	15.0	4.96	15.0	5.09
		-5.0	-5.6	15.8	4.42	15.7	4.54	15.7	4.66	15.7	4.79	15.7	4.92	15.7	5.05	15.7	5.18
		-3.0	-3.7	16.4	4.51	16.4	4.62	16.3	4.74	16.3	4.87	16.3	5.00	16.3	5.13	16.3	5.26
		0.0	-0.7	17.4	4.63	17.3	4.74	17.3	4.85	17.3	4.96	17.3	5.07	17.3	5.18	17.3	5.29
		3.0	2.2	18.3	4.74	18.3	4.85	18.3	4.95	18.2	5.06	18.2	5.17	18.2	5.28	18.2	5.39
		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	15.4	3.95
		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	15.4	3.78
		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	15.4	3.61
		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	15.4	3.44
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	15.4	3.27		
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	15.4	3.10		
110	15.40	-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	10.8	4.40
		-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	11.2	4.48
		-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	11.8	4.60
		-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	12.5	4.71
		-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	13.2	4.81
		-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	13.8	4.88
		-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	14.1	4.91
		-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	14.4	4.95
		-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	14.9	5.01
		-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	15.3	4.95
		-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	15.3	4.72
		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	15.3	4.39
		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	15.3	4.11
		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	15.3	3.95
		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	15.3	3.80
		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	15.3	3.66
		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	15.3	3.53
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	15.3	3.41		
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	15.3	3.30		
100	14.00	-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	10.8	4.59
		-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	11.1	4.65
		-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	11.8	4.77
		-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	12.5	4.87
		-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	13.1	4.96
		-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	13.8	5.05
		-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	13.9	4.99
		-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	13.9	4.86
		-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	13.9	4.66
		-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	13.9	4.42
		-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	13.9	4.21
		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	13.9	3.92
		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	13.9	3.68
		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	13.9	3.54
		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	13.9	3.41
		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	13.9	3.29
		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	13.9	3.18
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	13.9	3.07		
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	13.9	2.97		

NOTES

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

3 Capacity tables

3 - 2 Heating capacity tables

RXYSQ5PV															
TC: Total Capacity: kW; PI: Power Input: kW (compressor + outdoor fan motor)															
Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	12.60	-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	11.20	-19.8	-20.0	10.8	4.46	10.8	4.58	10.8	4.69	10.8	4.75	10.8	4.81
-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	9.80			-19.8	-20.0	10.8	4.71	10.8	4.82	10.7	4.92	10.7	4.97	10.5	4.85
		-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	3.51	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	8.40	-19.8	-20.0	10.7	4.97	10.2	4.70	9.60	4.35	9.29	4.18	8.98	4.01
-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	7.00			-19.8	-20.0	9.03	4.04	8.51	3.77	8.00	3.50	7.74	3.37	7.49	3.24
		-18.8	-19.0	9.03	3.89	8.51	3.63	8.00	3.38	7.74	3.25	7.49	3.13	6.97	2.89
		-16.7	-17.0	9.03	3.63	8.51	3.39	8.00	3.16	7.74	3.04	7.49	2.93	6.97	2.71
		-14.7	-15.0	9.03	3.40	8.51	3.18	8.00	2.96	7.74	2.86	7.49	2.75	6.97	2.55
		-12.6	-13.0	9.03	3.20	8.51	3.00	8.00	2.80	7.74	2.70	7.49	2.60	6.97	2.41
		-10.5	-11.0	9.03	3.03	8.51	2.84	8.00	2.65	7.74	2.55	7.49	2.46	6.97	2.28
		-9.5	-10.0	9.03	2.95	8.51	2.76	8.00	2.58	7.74	2.49	7.49	2.40	6.97	2.23
		-8.5	-9.1	9.03	2.88	8.51	2.70	8.00	2.52	7.74	2.43	7.49	2.35	6.97	2.18
		-7.0	-7.6	9.03	2.77	8.51	2.60	8.00	2.43	7.74	2.35	7.49	2.26	6.97	2.10
		-5.0	-5.6	9.03	2.64	8.51	2.48	8.00	2.32	7.74	2.24	7.49	2.16	6.97	2.01
		-3.0	-3.7	9.03	2.53	8.51	2.38	8.00	2.22	7.74	2.15	7.49	2.08	6.97	1.93
		0.0	-0.7	9.03	2.37	8.51	2.23	8.00	2.09	7.74	2.02	7.49	1.95	6.97	1.82
		3.0	2.2	9.03											

3 Capacity tables

3 - 2 Heating capacity tables

3

RXYSQ6PV

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	20.80	-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	4.95
13.0	11.8	21.9	4.82	21.9	4.93	21.8	5.04	21.8	5.10	21.8	5.15	21.7	4.76		
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	4.60		
120	19.20	-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	19.1	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	19.8	5.08
		9.0	7.9	20.6	4.84	20.5	4.95	20.5	5.06	20.5	5.12	20.2	5.08	20.2	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	17.60	-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	16.00	-19.8	-20.0	11.1	3.71	11.1	3.88	11.1	4.05	11.1	4.14	11.0	4.22	11.0	4.39
		-18.8	-19.0	11.5	3.81	11.4	3.97	11.4	4.13	11.4	4.22	11.4	4.30	11.3	4.46
		-16.7	-17.0	12.1	3.98	12.1	4.13	12.1	4.29	12.1	4.36	12.0	4.44	12.0	4.60
		-14.7	-15.0	12.8	4.13	12.8	4.27	12.7	4.42	12.7	4.49	12.7	4.57	12.7	4.71
		-12.6	-13.0	13.5	4.26	13.4	4.40	13.4	4.54	13.4	4.61	13.4	4.68	13.3	4.82
		-10.5	-11.0	14.1	4.39	14.1	4.52	14.1	4.65	14.1	4.72	14.0	4.79	14.0	4.92
		-9.5	-10.0	14.5	4.45	14.4	4.58	14.4	4.70	14.4	4.77	14.4	4.83	14.3	4.96
		-8.5	-9.1	14.8	4.50	14.7	4.62	14.7	4.75	14.7	4.81	14.7	4.88	14.6	5.00
		-7.0	-7.6	15.3	4.57	15.2	4.70	15.2	4.82	15.2	4.88	15.2	4.94	15.1	5.06
		-5.0	-5.6	15.9	4.67	15.9	4.79	15.9	4.91	15.9	4.96	15.8	5.02	15.7	5.08
		-3.0	-3.7	16.6	4.76	16.5	4.87	16.5	4.98	16.5	5.04	16.5	5.09	15.7	4.84
		0.0	-0.7	17.6	4.88	17.5	4.98	17.5	5.09	17.4	5.11	16.8	4.90	15.7	4.50
		3.0	2.2	18.5	4.98	18.5	5.09	18.0	4.98	17.4	4.78	16.8	4.59	15.7	4.22
		5.0	4.1	19.2	5.05	19.1	5.15	18.0	4.77	17.4	4.59	16.8	4.41	15.7	4.06
		7.0	6.0	19.8	5.11	19.2	4.95	18.0	4.59	17.4	4.41	16.8	4.24	15.7	3.90
		9.0	7.9	20.3	5.11	19.2	4.76	18.0	4.42	17.4	4.25	16.8	4.09	15.7	3.76
		11.0	9.8	20.3	4.92	19.2	4.59	18.0	4.26	17.4	4.10	16.8	3.94	15.7	3.64
13.0	11.8	20.3	4.74	19.2	4.42	18.0	4.11	17.4	3.96	16.8	3.80	15.7	3.51		
15.0	13.7	20.3	4.58	19.2	4.27	18.0	3.97	17.4	3.83	16.8	3.68	15.7	3.40		

NOTES

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

3 Capacity tables

3 - 2 Heating capacity tables

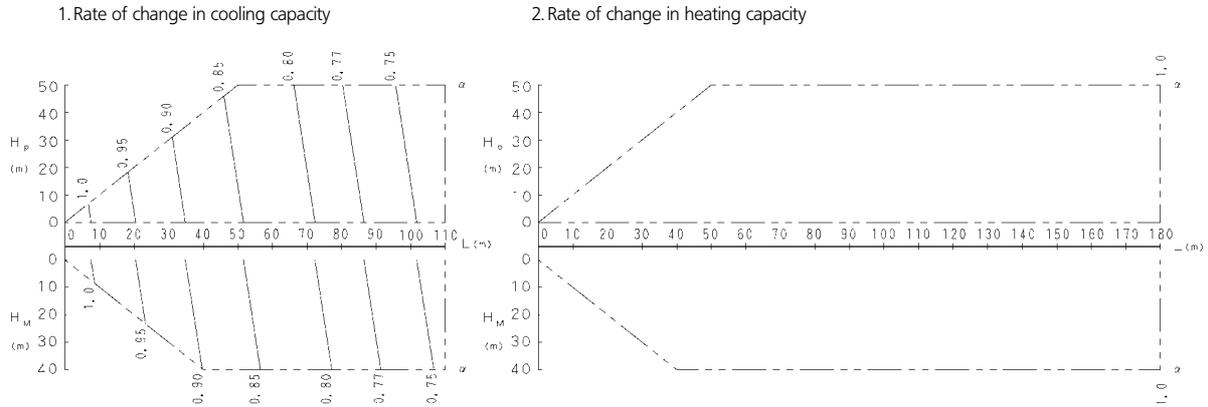
RXYSQ6PV															
TC: Total Capacity: kW; PI: Power Input: kW (compressor + outdoor fan motor)															
Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB												
90	14.40	-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	15.7	5.12	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	12.80	-19.8	-20.0	11.0	4.31	11.0	4.44	11.0	4.58	11.0	4.65	10.9	4.72
-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	5.08	14.4	4.83	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	11.20			-19.8	-20.0	11.0	4.61	10.9	4.73	10.9	4.84	10.9	4.90	10.9	4.96
		-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	9.60	-19.8	-20.0	10.9	4.91	10.9	5.01	10.8	5.06	10.5	4.86	10.1	4.66
-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	8.00			-19.8	-20.0	10.2	4.69	9.58	4.38	9.00	4.07	8.71	3.91	8.42	3.77
		-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	3.63	8.71	3.53	8.42	3.40	7.84	3.14
		-14.7	-15.0	10.2	3.95	9.58	3.70	9.00	3.44	8.71	3.32	8.42	3.20	7.84	2.96
		-12.6	-13.0	10.2	3.72	9.58	3.48	9.00	3.25	8.71	3.13	8.42	3.02	7.84	2.80
		-10.5	-11.0	10.2	3.52	9.58	3.29	9.00	3.08	8.71	2.97	8.42	2.86	7.84	2.65
		-9.5	-10.0	10.2	3.42	9.58	3.21	9.00	3.00	8.71	2.89	8.42	2.79	7.84	2.59
		-8.5	-9.1	10.2	3.34	9.58	3.13	9.00	2.93	8.71	2.83	8.42	2.73	7.84	2.53
		-7.0	-7.6	10.2	3.22	9.58	3.02	9.00	2.82	8.71	2.73	8.42	2.63	7.84	2.44
		-5.0	-5.6	10.2	3.07	9.58	2.88	9.00	2.70	8.71	2.60	8.42	2.51	7.84	2.34
		-3.0	-3.7	10.2	2.94	9.58	2.76	9.00	2.59	8.71	2.50	8.42	2.41	7.84	2.24
		0.0	-0.7	10.2	2.76	9.58	2.59	9.00	2.43	8.71	2.35	8.42	2.27	7.84	2.12

3 Capacity tables

3 - 3 Capacity correction factor

3

RXYSQ4,5PV/RXYSQ4,5PY1



3D045710C

NOTES

- 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.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit).

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

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

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

<As for RXYSQ4,5P7V3B>

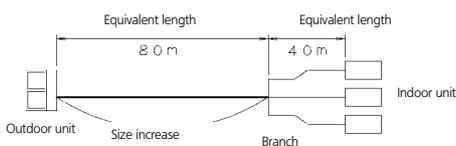
- When overall equivalent pipe length is 90m or more, the diameter of the main gas pipes (outdoor unit-branch sections) must be increased.
[Diameter of above case]

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

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

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

Example: RXYSQ4, 5P7V3B
: RXYSQ4, 5P7Y1B



In the above case (Cooling)

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

The correction factor in capacity when Hp=0m is thus approximately 0.78.

Explanation of symbols

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

[Diameter of pipes]

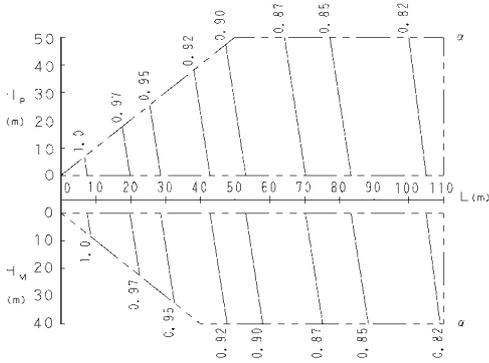
Model	Gas	Liquid
RXYSQ4, 5P7V3B RXYSQ4, 5P7Y1B	φ 15.9	φ 9.5

3 Capacity tables

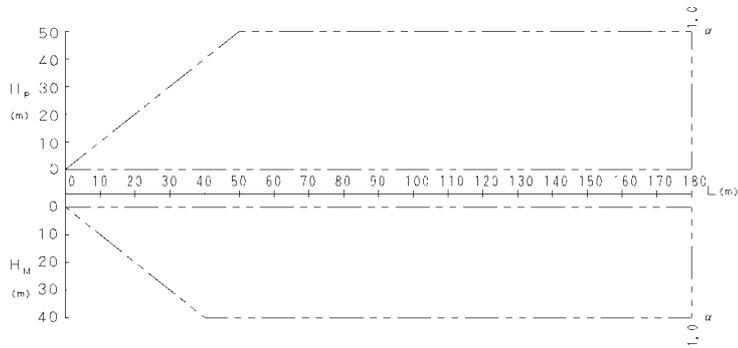
3 - 3 Capacity correction factor

RXYSQ6PV/RXYSQ6PY1

1. Rate of change in cooling capacity



2. Rate of change in heating capacity



3D045961C

NOTES

- 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.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit).

$\text{Cooling / heating capacity} = \text{cooling / heating capacity obtained from performance characteristics table} \times \text{each capacity rate of change}$

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

$\text{Cooling / heating capacity} = \text{cooling / heating capacity of each unit} \times \text{capacity rate of change for each piping length}$

<As for RXYSQ6P7V3B>

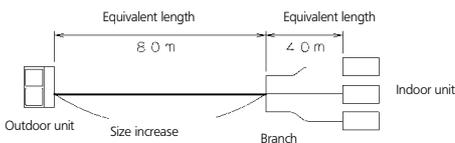
- When overall equivalent pipe length is 90m or more, the diameter of the main gas pipes (outdoor unit-branch sections) must be increased.
[Diameter of above case]

Model	Gas	Liquid
RXYSQ6P7V3B RXYSQ6P7Y1B	φ 22.2	Not increased

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

$\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$

Example: RXYSQ6P7V3B
:RXYSQ6P7Y1B



In the above case (Cooling)

$\text{Overall equivalent length} = 80\text{m} \times 0.5 + 40\text{m} = 80\text{m}$

The correction factor in capacity when $H_p=0\text{m}$ is thus approximately 0.86.

Explanation of symbols

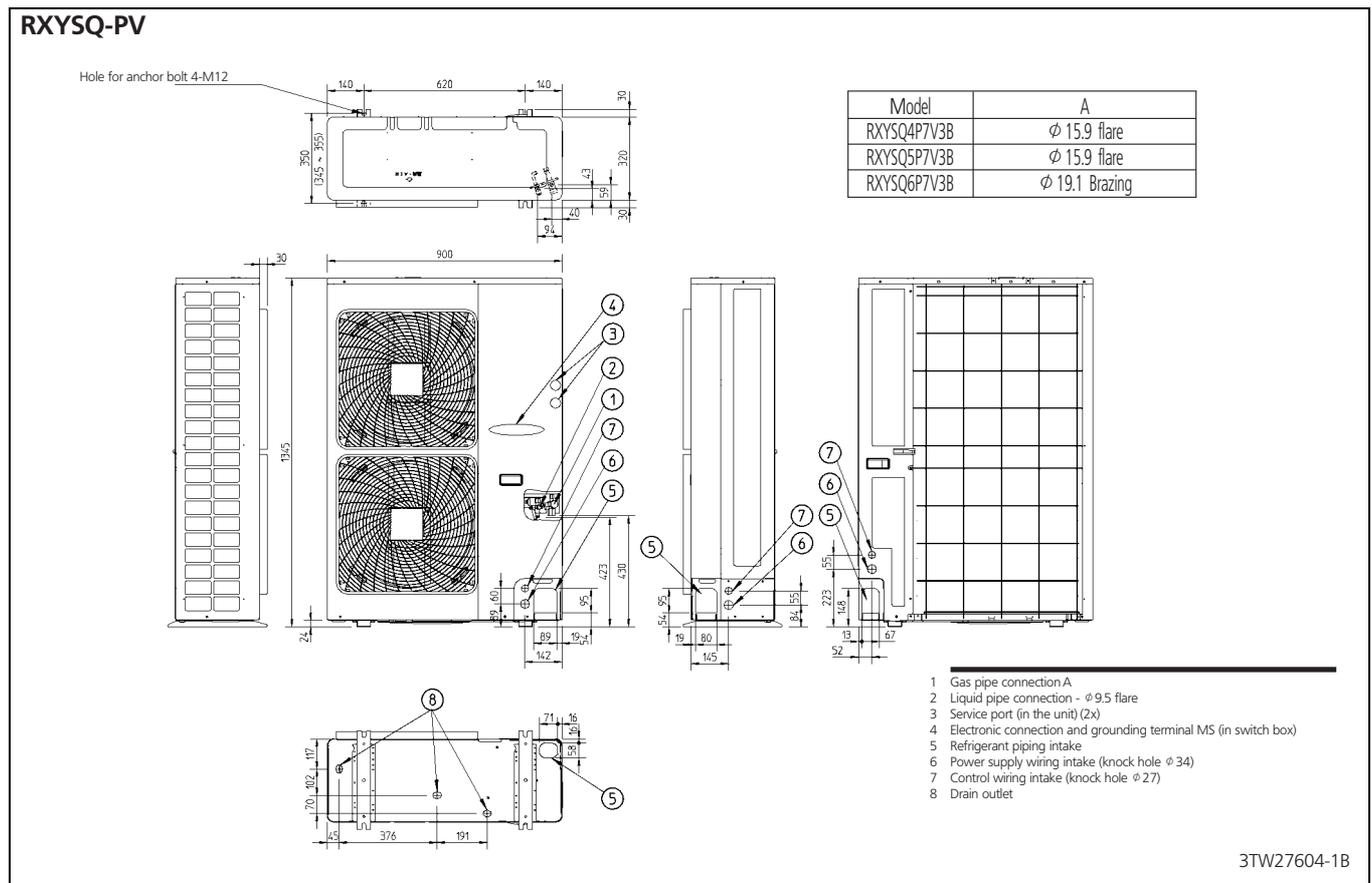
- H_p : Level difference (m) between indoor and outdoor units where indoor in inferior position.
- H_M : Level difference (m) between indoor and outdoor units where indoor in superior position.
- L : Equivalent pipe length (m)
- α : Capacity correction factor

[Diameter of pipes]

Model	Gas	Liquid
RXYSQ6P7V3B RXYSQ6P7Y1B	φ 19.1	φ 9.5

4 Dimensional drawing & centre of gravity

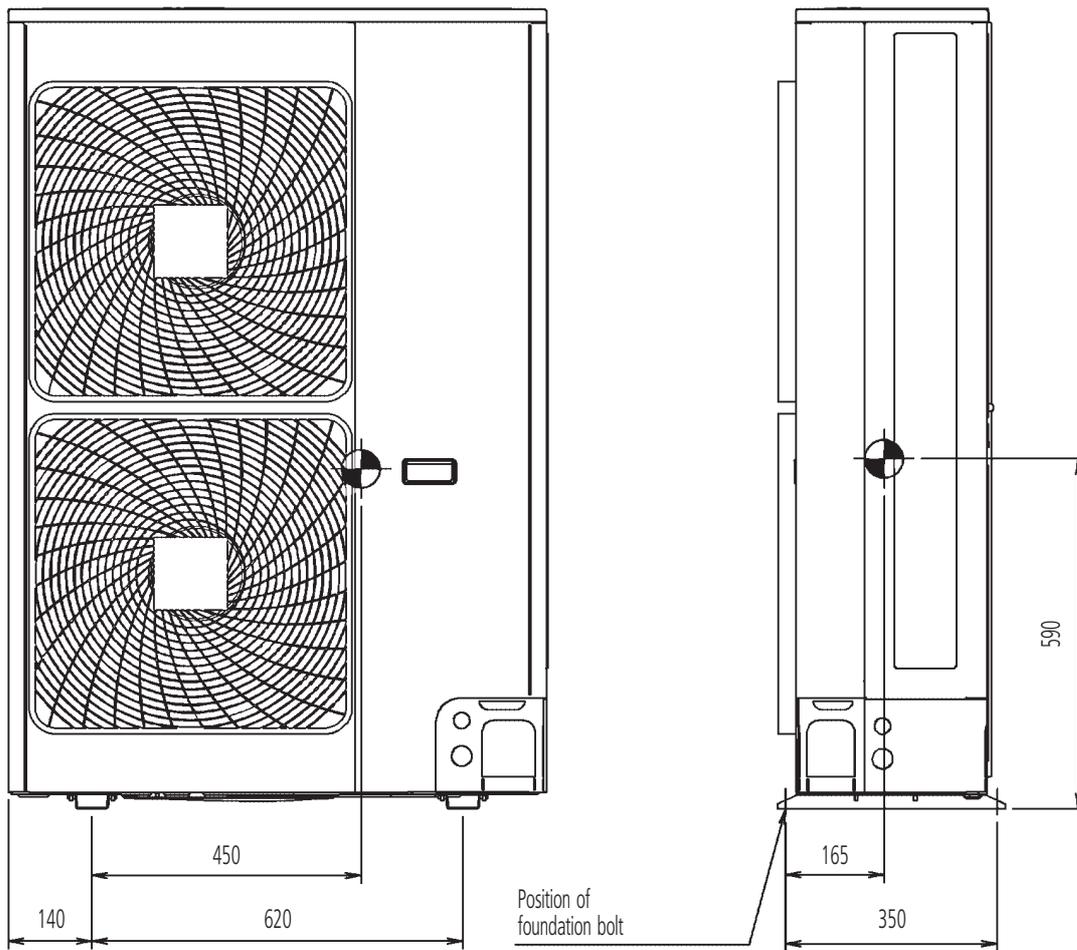
4 - 1 Dimensional drawing



4 Dimensional drawing & centre of gravity

4 - 2 Centre of gravity

RXYSQ-PV

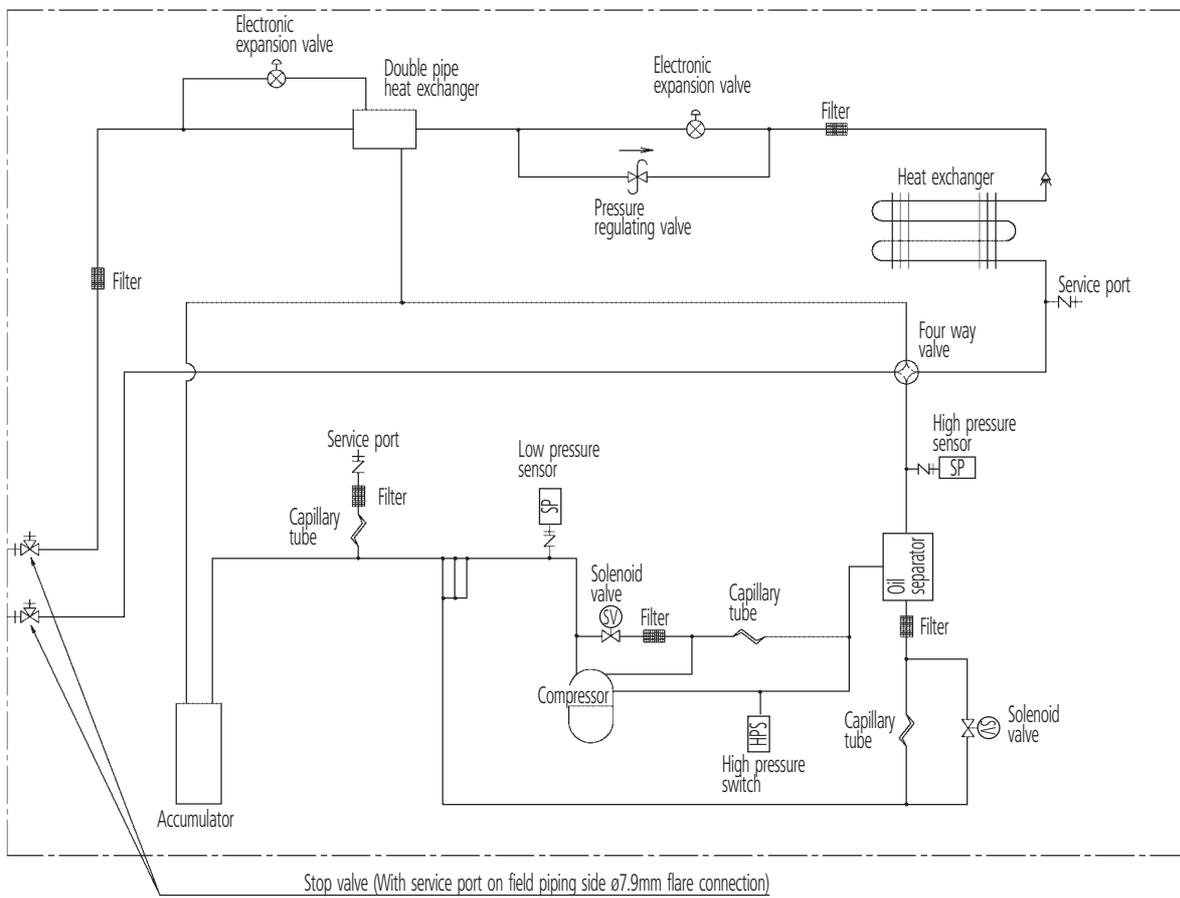


4D052604

5 Piping diagram

5

RXYSQ-PV

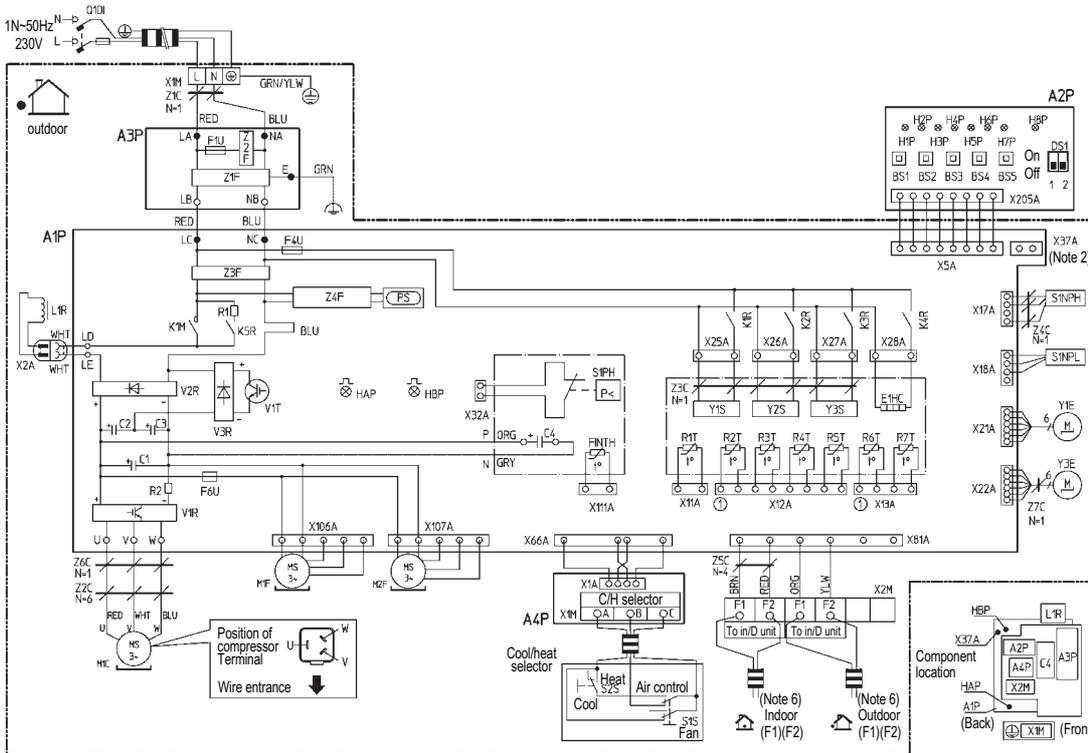


3D052712

6 Wiring diagram

6 - 1 Wiring diagram

RXYSQ-PV



S1S	Cool/Heat selector Selector switch (Fan/Cool-Heat)	HAP (A1P)	Light emitting diode (Service monitor green)	R6T	Thermistor (Subcooling H.EX)
S2S	Selector switch (Cool-Heat)	HBP (A1P)	Inv. pilot lamp (Service monitor green)	R7T	Thermistor (Liquid pipe)
	Connector of option adapter	K1M	Magnetic contactor (M1C)	S1NPH	Pressure sensor (High)
X37A (Note4)	Connector (option adapter power supply)	K1R	Magnetic relay (Y1S)	S1NPL	Pressure sensor (Low)
A1P	Printed circuit board (main)	K2R	Magnetic relay (Y2S)	S1PH	Pressure switch (High)
A2P	Printed circuit board (inv.)	K3R	Magnetic relay (Y3S)	V1R	Power module
A3P	Printed circuit board (noise filter)	K4R	Magnetic relay (E1HC)	V2R, V3R	Diode module
A4P	Printed circuit board (C/H Selector)	K5R	Magnetic relay	V1T	Igbt
BS1-BS5	Push button switch (Mode, set, return, test, reset)	L1R	Reactor	X1M	Terminal strip (Power supply)
C1-C4	Capacitor	M1C	Motor (Compressor)	X2M	Terminal strip (Control)
DS1	Dip switch	M1F	Motor (Fan) (Upper)	X1M	Terminal strip (C/H selector)(A4P)
E1HC	Crankcase heater	M2F	Motor (Fan) (Lower)	Y1E	Electronic expansion valve (Main)
F1U, F4U	Fuse (T 6.3A/250V)	PS	Switching Power Supply	Y3E	Electronic expansion valve (Subcool)
F6U	Fuse (T 5.0A/250V)	Q1DI	Field earth leakage breaker (300mA)	Y1S	Solenoid valve (4 Way Valve)
FINTH	Thermistor (Fin)	R1	Resistor	Y2S	Solenoid valve (Hot Gas)
H1P-H8P	Light emit. diode (serv. monitor-orange) (H2P) prepare, test ----- flickering Malfunction detection ---- Light up	R2	Resistor	Y3S	Solenoid valve (U/L Circuit)
		R1T	Thermistor (Air)	Z1C-Z7C	Noise filter (Ferrity Core)
		R2T	Thermistor (Discharge)	Z1F-Z4F	Noise filter
		R3T	Thermistor (Suction 1)		
		R4T	Thermistor (Heat exchanger)		
		R5T	Thermistor (Suction 2)		

- : Field wiring
 : Connection
 : Protective earth (screw)
 Colors: BLU: Blue
WHT: White
- : Live
 : Relay connector
 BRN: Brown
YLW: Yellow
- : Neutral
 : Noiseless earth
 GRN: Green
ORG: Orange
- : Terminal strip
 RED: Red
- : Connector
 : Terminal

2TW27636-1C

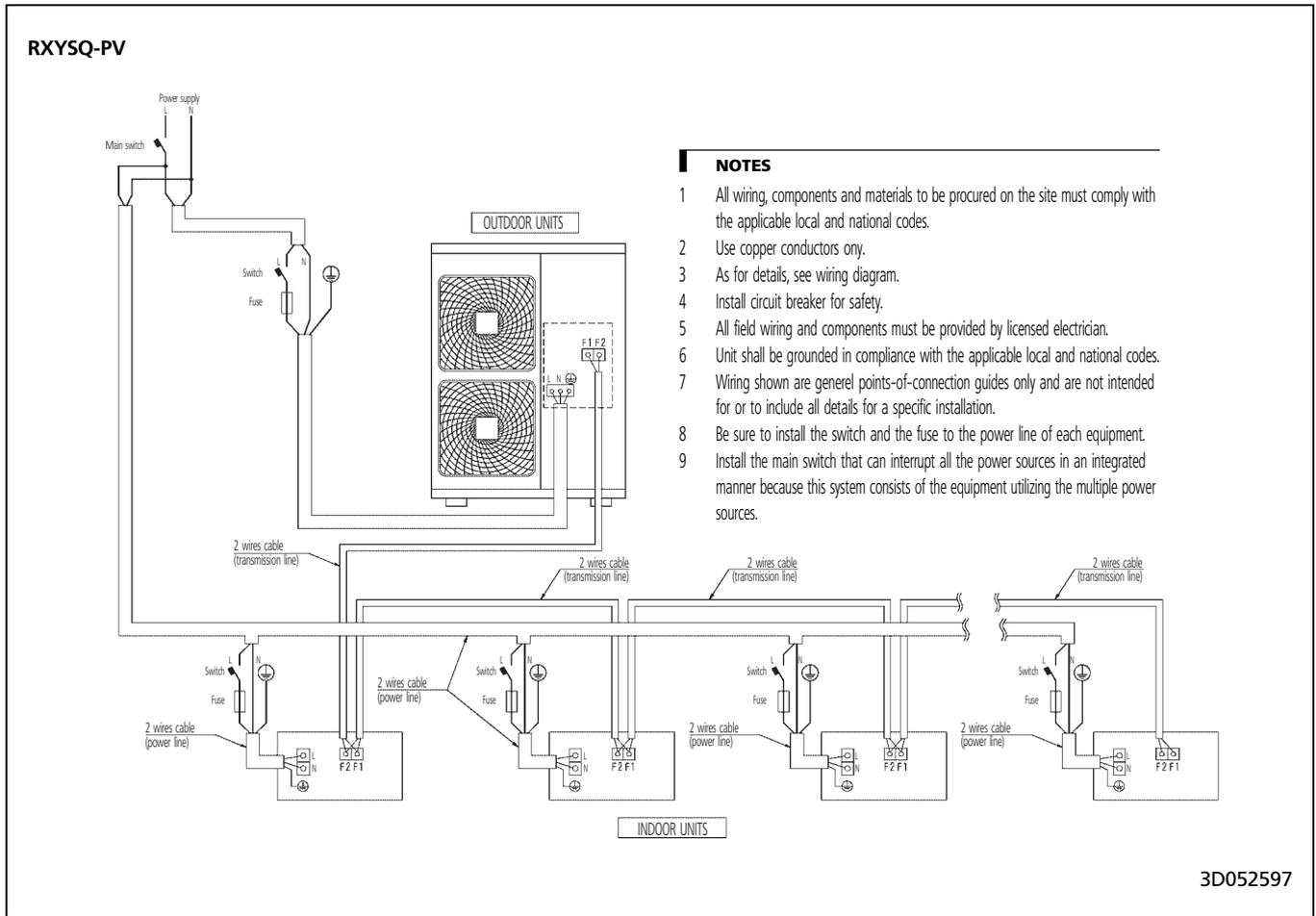
NOTES

- 1 This wiring diagram only applies to the outdoor unit.
- 2 When using the option adaptor, refer to the installation manual.
- 3 Refer to the 'wiringdiagram sticker' (On back of front plate) on how to use BS1 - BS5 and DS1, DS2 switch
- 4 Do not operate the unit by short-circuiting protection device S1PH.
- 5 Refer to the installation manual for connection wiring to pb indoor - outdoor transmission F1-F2.
- 6 When using the central control system, connect outdoor-outdoor transmission F1-F2.

6 Wiring diagram

6 - 2 External connection diagram

6



7 Sound data

7 - 1 Sound pressure spectrum

RXYSQ4PV - Cooling 4D052713A

NOTES

- Over all (dB):

Scale A	50.0
Scale C	62.0

(B.G.N. is already rectified)
- Measuring place: Anechoic chamber
- Operating conditons:
 - Power source: 220-240V 50Hz, 220V 60Hz
 - Cooling: Return air temperature: 27°C DB, 19.0°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 enviromental noise and sound reflection.

RXYSQ4PV - Heating 4D052719A

NOTES

- Over all (dB):

Scale A	52.0
Scale C	63.5

(B.G.N. is already rectified)
- Measuring place: Anechoic chamber
- Operating conditons:
 - Power source: 220-240V 50Hz, 220V 60Hz
 - Heating: Return air temperature: 20°C DB; Outdoor temperature: 7°C DB, 6°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 enviromental noise and sound reflection.

RXYSQ5PV - Cooling 4D052714B

NOTES

- Over all (dB):

Scale A	51.0
Scale C	63.5

(B.G.N. is already rectified)
- Measuring place: Anechoic chamber
- Operating conditons:
 - Power source: 220-240V 50Hz, 220V 60Hz
 - Cooling: Return air temperature: 27°C DB, 19.0°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 enviromental noise and sound reflection.

RXYSQ5PV - Heating 4D052718B

NOTES

- Over all (dB):

Scale A	53.0
Scale C	65.3

(B.G.N. is already rectified)
- Measuring place: Anechoic chamber
- Operating conditons:
 - Power source: 220-240V 50Hz, 220V 60Hz
 - Heating: Return air temperature: 20°C DB; Outdoor temperature: 7°C DB, 6°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 enviromental noise and sound reflection.

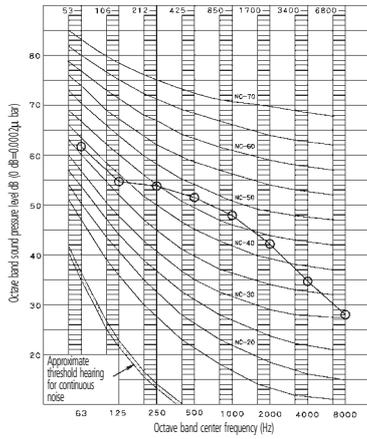
7 Sound data

7 - 1 Sound pressure spectrum

7

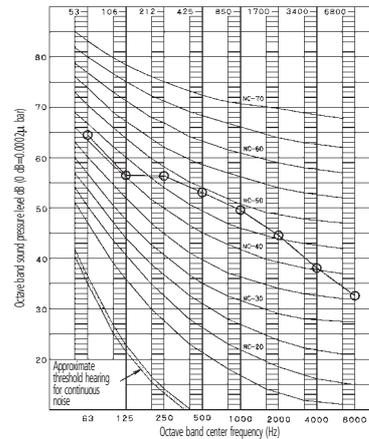
RXYSQ6PV - Cooling

4D052716B



RXYSQ6PV - Heating

4D052717B



NOTES

1 Over all (dB):

Scale A	53.0
Scale C	64.5

(B.G.N. is already rectified)

2 Measuring place: Anechoic chamber

3 Operating conditions:

- Power source: 220-240V 50Hz, 220V 60Hz
- Cooling: Return air temperature: 27°C DB, 19.0°C WB; Outdoor temperature: 35°C DB, 24°C WB

4 Location of microphone



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

NOTES

1 Over all (dB):

Scale A	55.0
Scale C	67.0

(B.G.N. is already rectified)

2 Measuring place: Anechoic chamber

3 Operating conditions:

- Power source: 220-240V 50Hz, 220V 60Hz
- Heating: Return air temperature: 20°C DB; Outdoor temperature: 7°C DB, 6°C WB

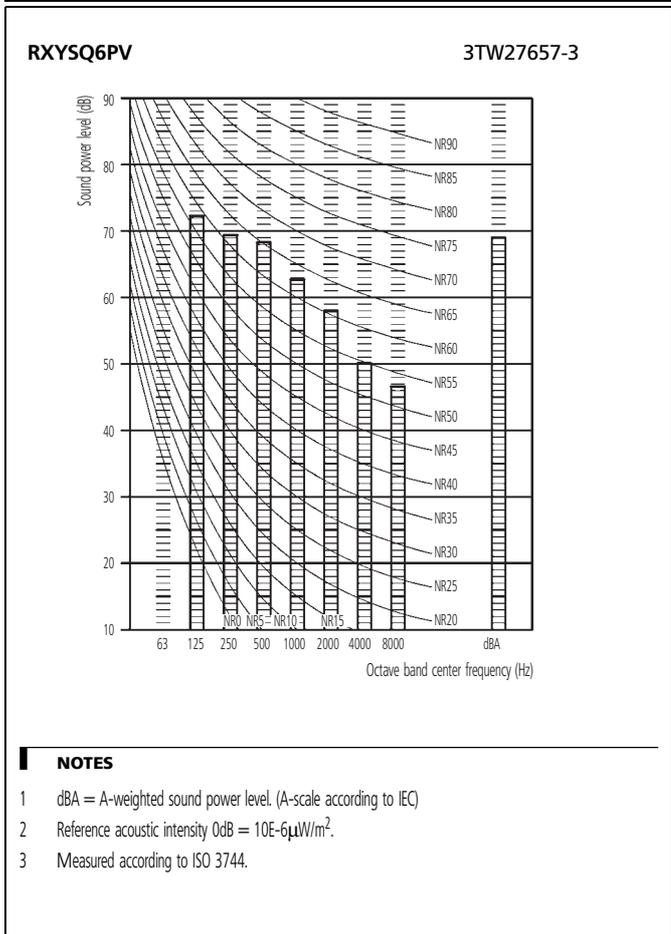
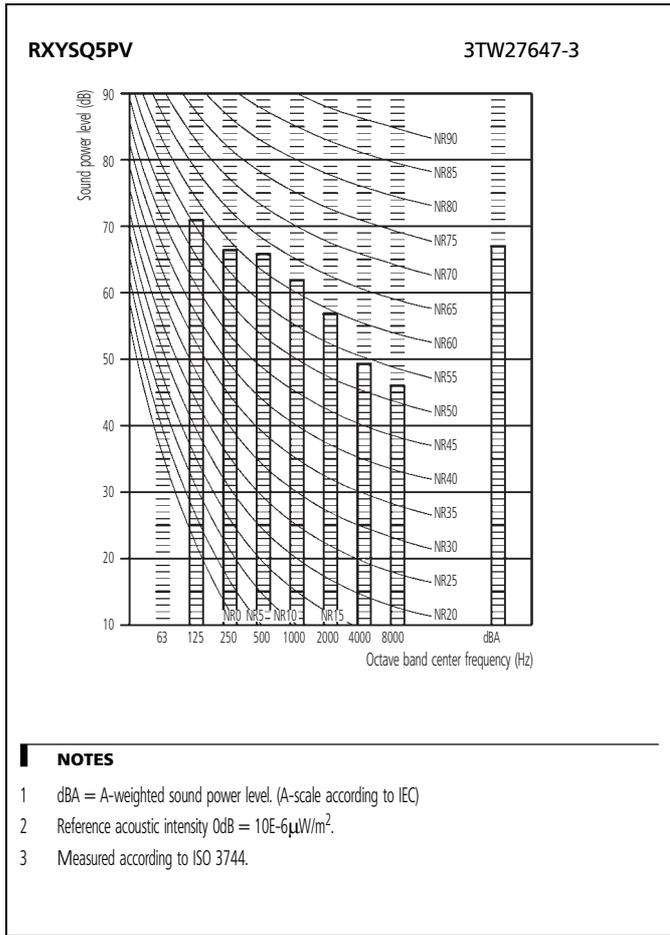
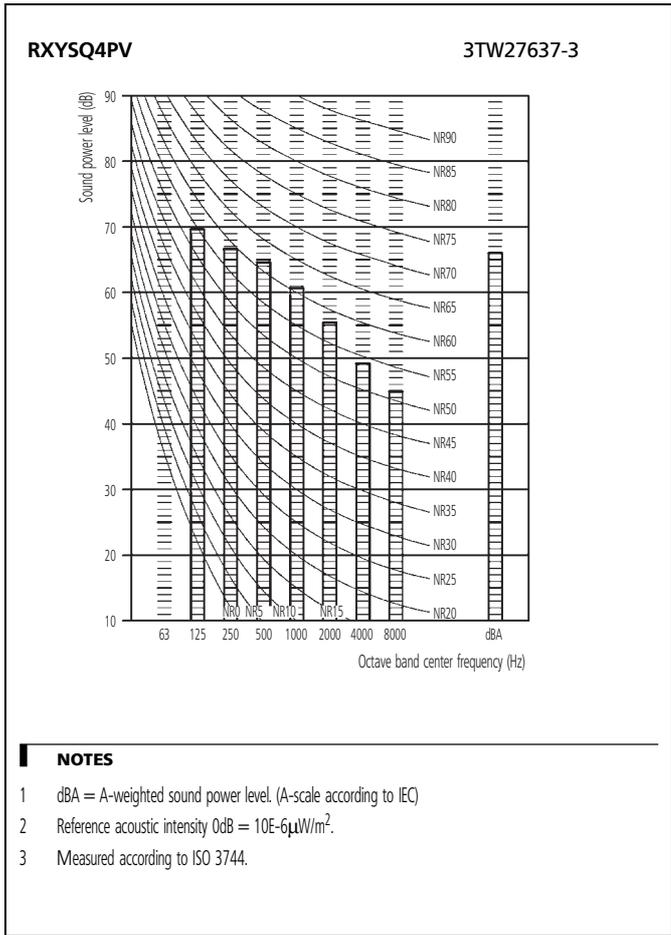
4 Location of microphone



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

7 Sound data

7 - 2 Sound power spectrum



8 Installation

8 - 1 Service space

8

RXYSQ-PV

Required installation space

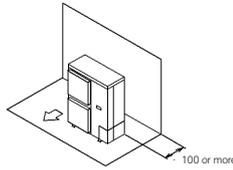
The unit of the values is mm.

1. Where there is an obstacle on the suction side

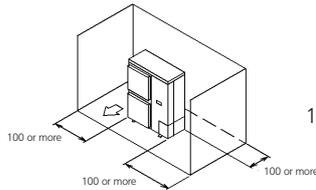
(a) No obstacle above

1 Stand-alone installation

- Obstacle on the suction side only.

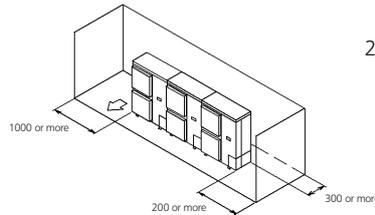


- Obstacle on both sides.



2 Series installation (2 or more).

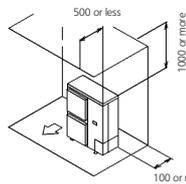
- Obstacle on both sides



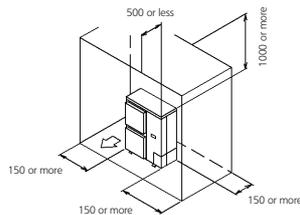
(b) Obstacle above, too.

1 Stand-alone installation

- Obstacle on the suction side.

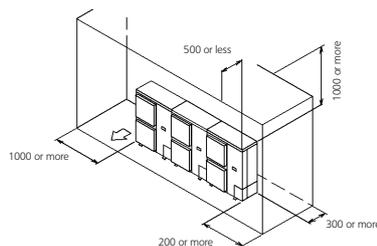


- Obstacle on the suction side and both sides.



2 Series installation (2 or more).

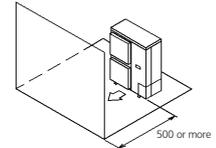
- Obstacle on the suction side and both sides.



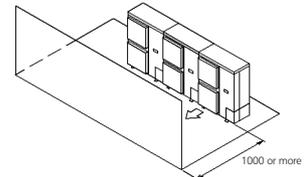
(2) Where there is an obstacle on the discharge side

(a) No obstacle above

(1) Stand-alone installation

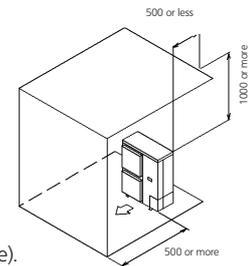


(2) Series installation (2 or more)

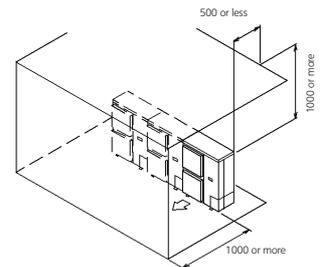


(b) Obstacle above, too.

1 Stand-alone installation



2 Series installation (2 or more).



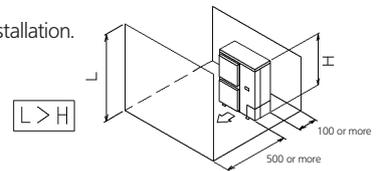
3. Where there are obstacles on both suction and discharge sides:

Pattern 1

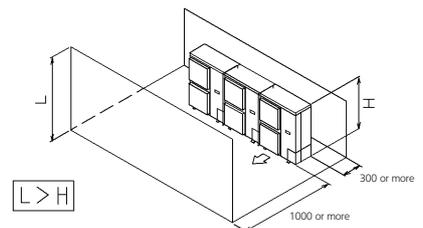
Where the obstacles on the discharge side is higher than the unit.
(There is no height limit for obstructions on the intake side.)

(a) No obstacle above.

1 Stand-alone installation.



2 Series installation (2 or more).



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8 Installation

8 - 1 Service space

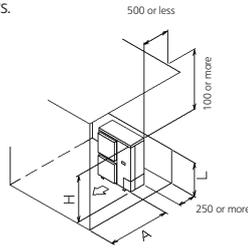
RXYSQ-PV

(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.



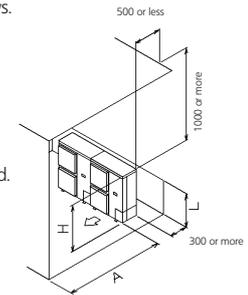
2 Series installation (2 or more).

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.



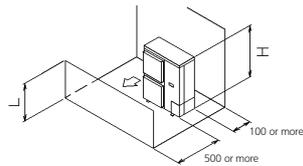
Pattern 2

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.

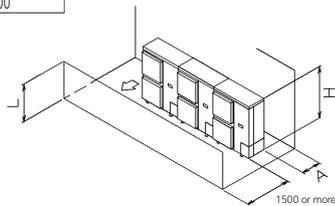
$$L \leq H$$



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

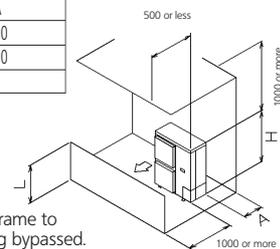


(b) Obstacle above, too.

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.

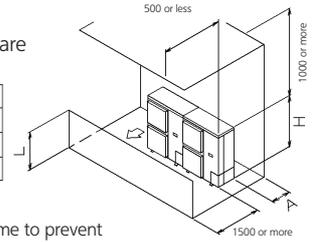
1 Series installation.

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.

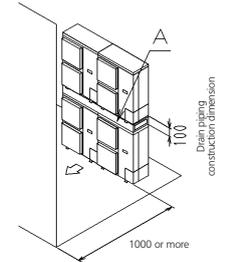


4. Double-decker installation

(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.

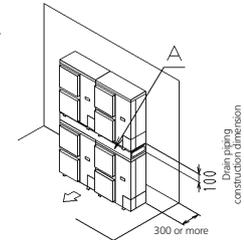
Do not stack more than two unit.



(b) Obstacle on the suction side only.

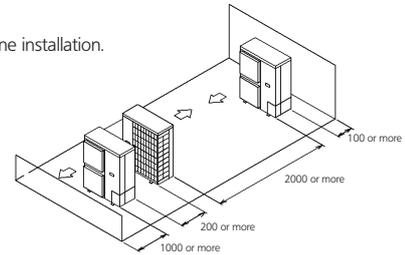
Close the gap A (the gap between the upper and lower outdoor units) to prevent the discharged air from being bypassed.

Do not stack more than one unit.

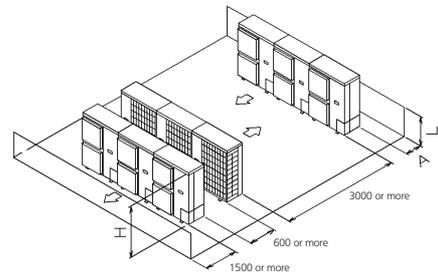


5. Multiple rows of series installation (on the rooftop, etc.)

(a) One row of stand-alone installation.



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



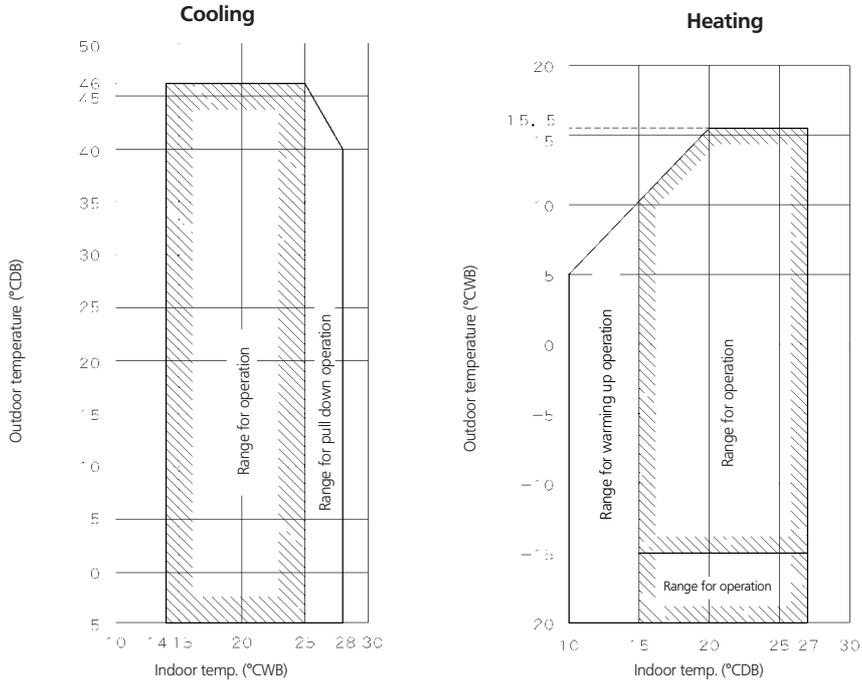
The relations between H, A and L are as follows.

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

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9 Operation range

RXYSQ-PV



Notes:

These figures assume the following operating conditions.

Indoor and outdoor units:

- Equivalent piping length 7.5m
- Level difference 0m

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2

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 intension 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.



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.

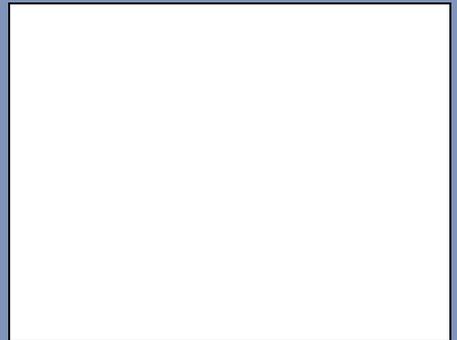


ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.



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

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The present publication supersedes EEDEN6-2
Prepared in Belgium by Lantec (www.lantecprint.be), a company whose concern for the environment is set in the ENIAS and ISO 14001 systems.
Responsible Editor: Daikin Europe N.V., Zandvoordestraat 300, B-8400 Oostende