



# technical data

VRV<sup>®</sup> III-S Heat Pump  
RXYSQ4-6PA7Y1B

air conditioning systems

**R-410A**



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# 1 Specifications

1-1 TECHNICAL SPECIFICATIONS				RXYSQ4PA7Y1B	RXYSQ5PA7Y1B	RXYSQ6PA7Y1B	
Capacity	Cooling	kW		11.2	14.0	15.5	
	Heating	kW		12.5	16.0	18.0	
COP	Cooling			3.88	3.88	3.33	
	Heating			4.43	4.03	3.83	
Capacity range			HP	4	5	6	
PED category				Category I			
Max no of indoor units to be connected				6	8	9	
Indoor index connection	Minimum			50	62.5	70	
	Maximum			130	162.5	182	
Casing	Colour			Daikin White			
	Material			Painted galvanised steel			
Dimensions	Packing	Height	mm	1,524			
		Width	mm	980	980	980	
		Depth	mm	420	420	420	
	Unit	Height	mm	1,345			
		Width	mm	900	900	900	
		Depth	mm	320	320	320	
Weight	Unit		kg	120	120	120	
	Packed Unit		kg	130	130	130	
Packing	Material			Carton, wood + EPS			
	Weight		kg	8	8	8	
Heat Exchanger	Dimensions	Length	mm	857	857	857	
		Nr of Rows			2	2	2
		Fin Pitch	mm	2	2	2	
		Nr of Passes			10	10	10
		Face Area	m <sup>2</sup>		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 <sup>3</sup> /min		106	106	106	
	Heating	m <sup>3</sup> /min		102	105	105	
Fan	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	Drive			Direct drive			
	Output motor		W	70	70	70	
Compressor	Quantity			1	1	1	
	Motor	Quantity		1	1	1	
		Model			JT100G-VDLYR		
	Type			Hermetically sealed scroll compressor			
	Speed	rpm		6,480			
	Motor Output	kW		2.5	3.0	3.5	
	Starting Method			Direct on line			
	Crankcase Heater	W		33	33	33	
Cooling	Standard	Min	°CDB	-5	-5	-5	
Operation Range	Cooling	Max	°CDB	46	46	46	
		Heating	Min	°CWB	-20	-20	-20
	Max		°CWB	15.5	15.5	15.5	
	Sound level	Cooling	Sound Power (Nominal)	dBA	66	67	69
Sound Pressure (Nominal)			dBA	50	51	53	
Heating		Sound Pressure (Nominal)	dBA	52	53	55	

# 1 Specifications

1-1 TECHNICAL SPECIFICATIONS			RXYSQ4PA7Y1B	RXYSQ5PA7Y1B	RXYSQ6PA7Y1B
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	9.52	9.52
	Gas	Type	Flare connection	Flare connection	Braze connection
		Diameter (OD)	mm	15.9	15.9
	Drain	Quantity	3	3	3
		Diameter (OD)	mm	26 x 3	
	Heat Insulation		Both liquid and gas pipes		
	Max total length	m	300	300	300
Defrost Method			Reversed cycle		
Defrost Control			Sensor for outdoor heat exchanger temperature		
Capacity Control Method			Inverter controlled		
Capacity Control			24 to 100		
Safety devices			HPS		
			Fan motor thermal protection		
			Inverter overload protector		
			PC board fuse		
Standard Accessories	Standard Accessories		Installation manual		
	Quantity		1	1	1
	Standard Accessories		Operation manual		
	Quantity		1	1	1
	Standard Accessories				Connection pipes
Quantity				3	
Notes			Nominal cooling capacities are based on : indoor temperature : 27°CDB, 19°CWB, outdoor temperature : 35°CDB, equivalent refrigerant piping : 5m, level difference : 0m.		
			Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping : 5m, level difference: 0m.		
			Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings.		
			Sound power level is an absolute value that a sound source generates.		
			Sound values are measured in a semi-anechoic room.		

# 1 Specifications

1-2 ELECTRICAL SPECIFICATIONS (50HZ)				RXYSQ4PA7Y1B	RXYSQ5PA7Y1B	RXYSQ6PA7Y1B	
Power Supply	Name			Y1			
	Phase			3N~			
	Frequency	Hz		50			
	Voltage	V		380-415			
Current	Nominal running current (RLA)	Cooling	A	5.30	6.77	7.79	
	Starting current (MSC)			A	5.30	6.77	7.79
	Maximum Running Current			A	13.5	13.5	13.5
	Minimum circuit amps (MCA)			A	13.5	13.5	13.5
	Maximum fuse amps (MFA)			A	16.0	16.0	16.0
	Full load amps (FLA)			A	0.3+0.3 (Fan motor)		
Voltage range	Minimum		V	342	342	342	
	Maximum		V	456	456	456	
Wiring connections	For Power Supply	Quantity		5	5	5	
		Remark		Earth wire included			
	For connection with indoor	Quantity		2	2	2	
		Remark		F1+F2			
Power Supply Intake				Both indoor and outdoor unit			
Field earth leakage breaker			mA	300	300	300	
Notes				RLA is based on following conditions : indoor temperature : 27°CDB/19°CWB , outdoor temperature : 35°CDB			
				Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits			
				Maximum allowable voltage range variation between phases is 2%			
				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			
				Select wire size based on MCA			

## 2 Options

### RXYSQ-PY1

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

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#### NOTES

- All options are kits

### 3 Capacity tables

#### 3 - 1 Cooling capacity tables

RXYSQ4PAY1			TC: Total capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)															
Combination (%)	Capacity index (kW)	Outdoor air temp.(°CDB)	Indoor air temp. (°CWB)															
			14.0		16.0		18.0		19.0		20.0		22.0		24.0			
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW		
130	14.56	10	9.83	1.33	11.7	1.63	13.6	1.94	14.6	2.09	15.5	2.25	16.6	2.34	16.9	2.23		
		12	9.83	1.36	11.7	1.66	13.6	1.97	14.6	2.13	15.5	2.29	16.4	2.32	16.7	2.28		
		14	9.83	1.38	11.7	1.69	13.6	2.01	14.6	2.17	15.5	2.33	16.1	2.39	16.5	2.41		
		16	9.83	1.41	11.7	1.72	13.6	2.05	14.6	2.25	15.5	2.48	15.9	2.52	16.3	2.54		
		18	9.83	1.44	11.7	1.76	13.6	2.18	14.6	2.42	15.4	2.63	15.7	2.65	16.1	2.67		
		20	9.83	1.46	11.7	1.87	13.6	2.35	14.6	2.61	15.2	2.76	15.5	2.78	15.9	2.80		
		21	9.83	1.50	11.7	1.94	13.6	2.43	14.6	2.70	15.0	2.82	15.4	2.84	15.8	2.86		
		23	9.83	1.61	11.7	2.08	13.6	2.61	14.6	2.90	14.8	2.95	15.2	2.97	15.5	2.99		
		25	9.83	1.72	11.7	2.23	13.6	2.80	14.4	3.06	14.6	3.08	15.0	3.10	15.3	3.13		
		27	9.83	1.84	11.7	2.38	13.6	3.00	14.2	3.19	14.4	3.20	14.8	3.23	15.1	3.26		
		29	9.83	1.96	11.7	2.55	13.6	3.21	14.0	3.32	14.2	3.33	14.5	3.36	14.9	3.39		
		31	9.83	2.09	11.7	2.72	13.6	3.43	13.8	3.45	14.0	3.46	14.3	3.49	14.7	3.52		
		33	9.83	2.23	11.7	2.90	13.4	3.56	13.6	3.58	13.8	3.59	14.1	3.63	14.5	3.66		
		35	9.83	2.38	11.7	3.10	13.2	3.69	13.4	3.71	13.6	3.73	13.9	3.76	14.3	3.79		
		37	9.83	2.53	11.7	3.30	13.0	3.82	13.2	3.84	13.3	3.86	13.7	3.89	14.1	3.93		
		39	9.83	2.70	11.7	3.52	12.8	3.95	13.0	3.97	13.1	3.99	13.5	4.03	13.8	4.06		
		120	13.44	10	9.07	1.22	10.8	1.49	12.6	1.77	13.4	1.91	14.3	2.05	16.1	2.34	16.7	2.31
				12	9.07	1.24	10.8	1.51	12.6	1.80	13.4	1.95	14.3	2.09	16.1	2.38	16.4	2.30
14	9.07			1.26	10.8	1.54	12.6	1.83	13.4	1.98	14.3	2.13	15.9	2.38	16.2	2.40		
16	9.07			1.29	10.8	1.57	12.6	1.87	13.4	2.02	14.3	2.19	15.7	2.51	16.0	2.52		
18	9.07			1.31	10.8	1.60	12.6	1.93	13.4	2.14	14.3	2.36	15.5	2.63	15.8	2.65		
20	9.07			1.34	10.8	1.67	12.6	2.08	13.4	2.30	14.3	2.54	15.3	2.76	15.6	2.78		
21	9.07			1.35	10.8	1.73	12.6	2.15	13.4	2.39	14.3	2.63	15.2	2.83	15.5	2.85		
23	9.07			1.44	10.8	1.85	12.6	2.31	13.4	2.56	14.3	2.82	14.9	2.95	15.3	2.98		
25	9.07			1.54	10.8	1.98	12.6	2.48	13.4	2.74	14.3	3.03	14.7	3.08	15.1	3.11		
27	9.07			1.64	10.8	2.12	12.6	2.65	13.4	2.94	14.2	3.19	14.5	3.21	14.8	3.24		
29	9.07			1.75	10.8	2.26	12.6	2.83	13.4	3.14	14.0	3.32	14.3	3.34	14.6	3.37		
31	9.07			1.87	10.8	2.41	12.6	3.03	13.4	3.36	13.8	3.45	14.1	3.47	14.4	3.50		
33	9.07			1.99	10.8	2.57	12.6	3.23	13.4	3.56	13.5	3.57	13.9	3.60	14.2	3.63		
35	9.07			2.12	10.8	2.74	12.6	3.45	13.2	3.69	13.3	3.70	13.7	3.74	14.0	3.77		
37	9.07			2.25	10.8	2.92	12.6	3.68	13.0	3.82	13.1	3.84	13.4	3.87	13.8	3.90		
39	9.07			2.40	10.8	3.11	12.6	3.93	12.7	3.95	12.9	3.97	13.2	4.00	13.6	4.03		
110	12.32			10	8.31	1.10	9.92	1.34	11.5	1.60	12.3	1.73	13.1	1.86	14.7	2.12	16.3	2.39
				12	8.31	1.12	9.92	1.37	11.5	1.63	12.3	1.76	13.1	1.89	14.7	2.16	16.2	2.38
		14	8.31	1.14	9.92	1.40	11.5	1.66	12.3	1.79	13.1	1.93	14.7	2.20	15.9	2.38		
		16	8.31	1.17	9.92	1.42	11.5	1.69	12.3	1.83	13.1	1.97	14.7	2.29	15.7	2.51		
		18	8.31	1.19	9.92	1.45	11.5	1.72	12.3	1.88	13.1	2.06	14.7	2.46	15.5	2.64		
		20	8.31	1.21	9.92	1.48	11.5	1.83	12.3	2.02	13.1	2.22	14.7	2.65	15.3	2.76		
		21	8.31	1.22	9.92	1.52	11.5	1.89	12.3	2.09	13.1	2.30	14.7	2.75	15.2	2.83		
		23	8.31	1.28	9.92	1.63	11.5	2.03	12.3	2.24	13.1	2.47	14.7	2.94	15.0	2.96		
		25	8.31	1.37	9.92	1.75	11.5	2.17	12.3	2.40	13.1	2.64	14.5	3.07	14.8	3.09		
		27	8.31	1.46	9.92	1.86	11.5	2.32	12.3	2.57	13.1	2.83	14.3	3.19	14.6	3.22		
		29	8.31	1.55	9.92	1.99	11.5	2.48	12.3	2.75	13.1	3.03	14.0	3.32	14.3	3.35		
		31	8.31	1.66	9.92	2.12	11.5	2.65	12.3	2.94	13.1	3.24	13.8	3.45	14.1	3.48		
		33	8.31	1.76	9.92	2.26	11.5	2.83	12.3	3.13	13.1	3.46	13.6	3.58	13.9	3.61		
		35	8.31	1.87	9.92	2.41	11.5	3.02	12.3	3.34	13.1	3.68	13.4	3.71	13.7	3.74		
		37	8.31	1.99	9.92	2.57	11.5	3.22	12.3	3.57	12.9	3.81	13.2	3.84	13.5	3.87		
		39	8.31	2.12	9.92	2.73	11.5	3.43	12.3	3.81	12.7	3.94	13.0	3.97	13.3	4.01		
		100	11.20	10	7.56	1.00	9.02	1.21	10.5	1.43	11.2	1.55	11.9	1.66	13.4	1.90	14.8	2.14
				12	7.56	1.01	9.02	1.23	10.5	1.46	11.2	1.57	11.9	1.69	13.4	1.94	14.8	2.18
14	7.56			1.03	9.02	1.25	10.5	1.49	11.2	1.61	11.9	1.73	13.4	1.97	14.8	2.22		
16	7.56			1.05	9.02	1.28	10.5	1.51	11.2	1.64	11.9	1.76	13.4	2.01	14.8	2.31		
18	7.56			1.07	9.02	1.30	10.5	1.54	11.2	1.67	11.9	1.80	13.4	2.13	14.8	2.50		
20	7.56			1.09	9.02	1.33	10.5	1.59	11.2	1.75	11.9	1.92	13.4	2.29	14.8	2.68		
21	7.56			1.10	9.02	1.34	10.5	1.65	11.2	1.82	11.9	1.99	13.4	2.37	14.8	2.78		
23	7.56			1.13	9.02	1.43	10.5	1.76	11.2	1.95	11.9	2.14	13.4	2.54	14.7	2.94		
25	7.56			1.21	9.02	1.53	10.5	1.89	11.2	2.08	11.9	2.29	13.4	2.73	14.5	3.07		
27	7.56			1.28	9.02	1.63	10.5	2.02	11.2	2.23	11.9	2.45	13.4	2.92	14.3	3.20		
29	7.56			1.37	9.02	1.74	10.5	2.15	11.2	2.38	11.9	2.62	13.4	3.12	14.1	3.32		
31	7.56			1.46	9.02	1.85	10.5	2.30	11.2	2.54	11.9	2.79	13.4	3.34	13.9	3.45		
33	7.56			1.55	9.02	1.97	10.5	2.45	11.2	2.71	11.9	2.98	13.4	3.56	13.6	3.58		
35	7.56			1.65	9.02	2.10	10.5	2.61	11.2	2.89	11.9	3.18	13.2	3.69	13.4	3.71		
37	7.56			1.75	9.02	2.23	10.5	2.78	11.2	3.08	11.9	3.39	12.9	3.82	13.2	3.84		
39	7.56			1.86	9.02	2.38	10.5	2.96	11.2	3.28	11.9	3.62	12.7	3.95	13.0	3.98		

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#### NOTE

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



### 3 Capacity tables

#### 3 - 1 Cooling capacity tables

RXYSQ4PAY1			Indoor air temp. (°CWB)													
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
90	10.08	10	6.80	0.89	8.11	1.08	9.42	1.27	10.1	1.37	10.7	1.47	12.0	1.68	13.4	1.90
		12	6.80	0.91	8.11	1.09	9.42	1.29	10.1	1.40	10.7	1.50	12.0	1.71	13.4	1.93
		14	6.80	0.92	8.11	1.11	9.42	1.32	10.1	1.42	10.7	1.53	12.0	1.75	13.4	1.97
		16	6.80	0.94	8.11	1.13	9.42	1.34	10.1	1.45	10.7	1.56	12.0	1.78	13.4	2.01
		18	6.80	0.96	8.11	1.16	9.42	1.37	10.1	1.48	10.7	1.59	12.0	1.82	13.4	2.12
		20	6.80	0.97	8.11	1.18	9.42	1.40	10.1	1.51	10.7	1.65	12.0	1.95	13.4	2.28
		21	6.80	0.98	8.11	1.19	9.42	1.42	10.1	1.56	10.7	1.71	12.0	2.02	13.4	2.36
		23	6.80	1.00	8.11	1.24	9.42	1.52	10.1	1.67	10.7	1.83	12.0	2.17	13.4	2.54
		25	6.80	1.05	8.11	1.32	9.42	1.62	10.1	1.79	10.7	1.96	12.0	2.32	13.4	2.72
		27	6.80	1.12	8.11	1.41	9.42	1.73	10.1	1.91	10.7	2.09	12.0	2.48	13.4	2.91
		29	6.80	1.19	8.11	1.50	9.42	1.85	10.1	2.04	10.7	2.23	12.0	2.66	13.4	3.11
		31	6.80	1.27	8.11	1.60	9.42	1.97	10.1	2.17	10.7	2.38	12.0	2.84	13.4	3.33
		33	6.80	1.35	8.11	1.70	9.42	2.10	10.1	2.32	10.7	2.54	12.0	3.03	13.4	3.56
		35	6.80	1.43	8.11	1.81	9.42	2.24	10.1	2.47	10.7	2.71	12.0	3.23	13.2	3.69
		37	6.80	1.52	8.11	1.93	9.42	2.38	10.1	2.63	10.7	2.89	12.0	3.45	12.9	3.82
		39	6.80	1.61	8.11	2.05	9.42	2.54	10.1	2.80	10.7	3.08	12.0	3.67	12.7	3.95
80	8.96	10	6.05	0.79	7.21	0.95	8.38	1.11	8.96	1.20	9.54	1.29	10.7	1.47	11.9	1.65
		12	6.05	0.80	7.21	0.96	8.38	1.13	8.96	1.22	9.54	1.31	10.7	1.50	11.9	1.68
		14	6.05	0.82	7.21	0.98	8.38	1.15	8.96	1.24	9.54	1.34	10.7	1.52	11.9	1.72
		16	6.05	0.83	7.21	1.00	8.38	1.18	8.96	1.27	9.54	1.36	10.7	1.55	11.9	1.75
		18	6.05	0.85	7.21	1.02	8.38	1.20	8.96	1.29	9.54	1.39	10.7	1.58	11.9	1.79
		20	6.05	0.86	7.21	1.04	8.38	1.22	8.96	1.32	9.54	1.42	10.7	1.64	11.9	1.91
		21	6.05	0.87	7.21	1.05	8.38	1.23	8.96	1.33	9.54	1.44	10.7	1.70	11.9	1.98
		23	6.05	0.88	7.21	1.07	8.38	1.29	8.96	1.42	9.54	1.55	10.7	1.82	11.9	2.12
		25	6.05	0.91	7.21	1.13	8.38	1.38	8.96	1.51	9.54	1.65	10.7	1.95	11.9	2.27
		27	6.05	0.97	7.21	1.21	8.38	1.47	8.96	1.62	9.54	1.77	10.7	2.08	11.9	2.43
		29	6.05	1.03	7.21	1.29	8.38	1.57	8.96	1.72	9.54	1.88	10.7	2.23	11.9	2.60
		31	6.05	1.10	7.21	1.37	8.38	1.67	8.96	1.84	9.54	2.01	10.7	2.38	11.9	2.77
		33	6.05	1.16	7.21	1.45	8.38	1.78	8.96	1.96	9.54	2.14	10.7	2.53	11.9	2.96
		35	6.05	1.23	7.21	1.55	8.38	1.89	8.96	2.08	9.54	2.28	10.7	2.70	11.9	3.16
		37	6.05	1.31	7.21	1.64	8.38	2.01	8.96	2.22	9.54	2.43	10.7	2.88	11.9	3.37
		39	6.05	1.39	7.21	1.74	8.38	2.14	8.96	2.36	9.54	2.58	10.7	3.07	11.9	3.59
70	7.84	10	5.29	0.70	6.31	0.83	7.33	0.96	7.84	1.04	8.35	1.11	9.37	1.26	10.4	1.42
		12	5.29	0.71	6.31	0.84	7.33	0.98	7.84	1.05	8.35	1.13	9.37	1.28	10.4	1.44
		14	5.29	0.72	6.31	0.85	7.33	1.00	7.84	1.07	8.35	1.15	9.37	1.31	10.4	1.47
		16	5.29	0.73	6.31	0.87	7.33	1.02	7.84	1.09	8.35	1.17	9.37	1.33	10.4	1.50
		18	5.29	0.74	6.31	0.88	7.33	1.03	7.84	1.11	8.35	1.19	9.37	1.36	10.4	1.53
		20	5.29	0.75	6.31	0.90	7.33	1.05	7.84	1.13	8.35	1.22	9.37	1.39	10.4	1.57
		21	5.29	0.76	6.31	0.91	7.33	1.06	7.84	1.15	8.35	1.23	9.37	1.41	10.4	1.63
		23	5.29	0.77	6.31	0.92	7.33	1.09	7.84	1.18	8.35	1.29	9.37	1.51	10.4	1.74
		25	5.29	0.79	6.31	0.96	7.33	1.16	7.84	1.26	8.35	1.37	9.37	1.61	10.4	1.87
		27	5.29	0.83	6.31	1.02	7.33	1.23	7.84	1.35	8.35	1.47	9.37	1.72	10.4	1.99
		29	5.29	0.88	6.31	1.09	7.33	1.31	7.84	1.44	8.35	1.56	9.37	1.84	10.4	2.13
		31	5.29	0.94	6.31	1.15	7.33	1.40	7.84	1.53	8.35	1.66	9.37	1.96	10.4	2.27
		33	5.29	0.99	6.31	1.23	7.33	1.49	7.84	1.63	8.35	1.77	9.37	2.08	10.4	2.42
		35	5.29	1.05	6.31	1.30	7.33	1.58	7.84	1.73	8.35	1.89	9.37	2.22	10.4	2.58
		37	5.29	1.11	6.31	1.38	7.33	1.68	7.84	1.84	8.35	2.00	9.37	2.36	10.4	2.75
		39	5.29	1.18	6.31	1.46	7.33	1.78	7.84	1.95	8.35	2.13	9.37	2.51	10.4	2.93
60	6.72	10	4.54	0.61	5.41	0.71	6.28	0.82	6.72	0.88	7.16	0.94	8.03	1.06	8.90	1.19
		12	4.54	0.61	5.41	0.72	6.28	0.84	6.72	0.90	7.16	0.96	8.03	1.08	8.90	1.21
		14	4.54	0.62	5.41	0.73	6.28	0.85	6.72	0.91	7.16	0.97	8.03	1.10	8.90	1.24
		16	4.54	0.63	5.41	0.74	6.28	0.86	6.72	0.93	7.16	0.99	8.03	1.12	8.90	1.26
		18	4.54	0.64	5.41	0.76	6.28	0.88	6.72	0.94	7.16	1.01	8.03	1.14	8.90	1.28
		20	4.54	0.65	5.41	0.77	6.28	0.90	6.72	0.96	7.16	1.03	8.03	1.17	8.90	1.31
		21	4.54	0.66	5.41	0.78	6.28	0.90	6.72	0.97	7.16	1.04	8.03	1.18	8.90	1.32
		23	4.54	0.67	5.41	0.79	6.28	0.92	6.72	0.99	7.16	1.06	8.03	1.22	8.90	1.40
		25	4.54	0.68	5.41	0.80	6.28	0.96	6.72	1.04	7.16	1.12	8.03	1.31	8.90	1.50
		27	4.54	0.70	5.41	0.85	6.28	1.02	6.72	1.11	7.16	1.20	8.03	1.39	8.90	1.60
		29	4.54	0.75	5.41	0.91	6.28	1.08	6.72	1.18	7.16	1.27	8.03	1.48	8.90	1.71
		31	4.54	0.79	5.41	0.96	6.28	1.15	6.72	1.25	7.16	1.35	8.03	1.58	8.90	1.82
		33	4.54	0.84	5.41	1.02	6.28	1.22	6.72	1.33	7.16	1.44	8.03	1.68	8.90	1.94
		35	4.54	0.88	5.41	1.08	6.28	1.29	6.72	1.41	7.16	1.53	8.03	1.79	8.90	2.06
		37	4.54	0.93	5.41	1.14	6.28	1.37	6.72	1.50	7.16	1.62	8.03	1.90	8.90	2.20
		39	4.54	0.99	5.41	1.21	6.28	1.45	6.72	1.59	7.16	1.72	8.03	2.02	8.90	2.34
50	5.60	10	3.78	0.52	4.51	0.60	5.24	0.69	5.60	0.73	5.96	0.78	6.69	0.88	7.42	0.98
		12	3.78	0.53	4.51	0.61	5.24	0.70	5.60	0.75	5.96	0.79	6.69	0.89	7.42	0.99
		14	3.78	0.53	4.51	0.62	5.24	0.71	5.60	0.76	5.96	0.81	6.69	0.91	7.42	1.01
		16	3.78	0.54	4.51	0.63	5.24	0.72	5.60	0.77	5.96	0.82	6.69	0.92	7.42	1.03
		18	3.78	0.55	4.51	0.64	5.24	0.73	5.60	0.78	5.96	0.83	6.69	0.94	7.42	1.05
		20	3.78	0.56	4.51	0.65	5.24	0.75	5.60	0.80	5.96	0.85	6.69	0.96	7.42	1.07
		21	3.78	0.56	4.51	0.65	5.24	0.75	5.60	0.80	5.96	0.86	6.69	0.97	7.42	1.08
		23	3.78	0.57	4.51	0.66	5.24	0.77	5.60	0.82	5.96	0.87	6.69	0.98	7.42	1.10
		25	3.78	0.58	4.51	0.68	5.24	0.78	5.60	0.83	5.96	0.90	6.69	1.03	7.42	1.18
		27	3.78	0.59	4.51	0.70	5.24	0.82	5.60	0.89	5.96	0.96	6.69	1.10	7.42	1.25
		29	3.78	0.62	4.51	0.74	5.24	0.87	5.60	0.94	5.96	1.02	6.69	1.17	7.42	1.34
		31	3.78	0.66	4.51	0.78	5.24	0.92	5.60	1.00	5.96	1.08	6.69	1.24	7.42	1.42
		33	3.78	0.69	4.51	0.83	5.24	0.98	5.60	1.06	5.96	1.14	6.69	1.32	7.42	1.51
		35	3.78	0.73	4.51	0.88	5.24	1.04	5.60	1.12	5.96	1.21	6.69	1.40	7.42	1.60
		37	3.78	0.77	4.51	0.93	5.24	1.10	5.60	1.19	5.96	1.29	6.69	1.49	7.42	1.70
		39	3.78	0.81	4.51	0.98	5.24	1.16	5.60	1.26	5.96	1.36	6.69	1.58	7.42	1.81

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### 3 Capacity tables

#### 3 - 1 Cooling capacity tables

RXYSQ5PAY1			TC: Total capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)													
Combination (%)	Capacity index (kW)	Outdoor air temp.(°CDB)	Indoor air temp. (°CWB)													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130	18.20	10	12.3	1.66	14.7	2.03	17.0	2.42	18.2	2.62	19.1	2.75	19.6	2.63	20.0	2.51
		12	12.3	1.69	14.7	2.07	17.0	2.47	18.2	2.66	18.9	2.73	19.3	2.61	19.8	2.57
		14	12.3	1.72	14.7	2.11	17.0	2.51	18.2	2.72	18.6	2.71	19.1	2.69	19.5	2.71
		16	12.3	1.76	14.7	2.15	17.0	2.56	18.2	2.80	18.4	2.81	18.8	2.83	19.3	2.86
		18	12.3	1.79	14.7	2.20	17.0	2.73	17.9	2.94	18.1	2.95	18.6	2.98	19.0	3.00
		20	12.3	1.83	14.7	2.34	17.0	2.93	17.7	3.08	17.9	3.10	18.3	3.12	18.8	3.15
		21	12.3	1.88	14.7	2.42	17.0	3.04	17.5	3.15	17.8	3.17	18.2	3.20	18.7	3.22
		23	12.3	2.01	14.7	2.60	17.0	3.26	17.3	3.30	17.5	3.31	18.0	3.34	18.4	3.37
		25	12.3	2.15	14.7	2.78	16.8	3.43	17.1	3.44	17.3	3.46	17.7	3.49	18.2	3.52
		27	12.3	2.30	14.7	2.98	16.6	3.57	16.8	3.59	17.0	3.60	17.5	3.64	17.9	3.67
		29	12.3	2.45	14.7	3.18	16.3	3.71	16.6	3.73	16.8	3.75	17.2	3.78	17.7	3.82
		31	12.3	2.62	14.7	3.40	16.1	3.86	16.3	3.88	16.5	3.90	17.0	3.93	17.4	3.97
		33	12.3	2.79	14.7	3.63	15.8	4.00	16.1	4.02	16.3	4.04	16.7	4.08	17.2	4.12
		35	12.3	2.97	14.7	3.87	15.6	4.15	15.8	4.17	16.0	4.19	16.5	4.23	16.9	4.27
		37	12.3	3.16	14.7	4.13	15.3	4.30	15.6	4.32	15.8	4.34	16.2	4.38	16.7	4.43
		39	12.3	3.37	14.7	4.40	15.1	4.44	15.3	4.47	15.5	4.49	16.0	4.54	16.4	4.58
120	16.80	10	11.3	1.52	13.5	1.86	15.7	2.21	16.8	2.38	17.9	2.56	19.3	2.71	19.7	2.60
		12	11.3	1.55	13.5	1.89	15.7	2.25	16.8	2.43	17.9	2.61	19.0	2.69	19.4	2.58
		14	11.3	1.58	13.5	1.93	15.7	2.29	16.8	2.48	17.9	2.66	18.8	2.68	19.2	2.69
		16	11.3	1.61	13.5	1.96	15.7	2.34	16.8	2.52	17.9	2.73	18.5	2.82	18.9	2.84
		18	11.3	1.64	13.5	2.00	15.7	2.42	16.8	2.67	17.9	2.94	18.3	2.96	18.7	2.98
		20	11.3	1.67	13.5	2.08	15.7	2.60	16.8	2.88	17.6	3.08	18.0	3.10	18.4	3.13
		21	11.3	1.69	13.5	2.16	15.7	2.69	16.8	2.98	17.5	3.15	17.9	3.18	18.3	3.20
		23	11.3	1.80	13.5	2.31	15.7	2.89	16.8	3.20	17.2	3.29	17.7	3.32	18.1	3.35
		25	11.3	1.92	13.5	2.47	15.7	3.09	16.8	3.42	17.0	3.44	17.4	3.47	17.8	3.50
		27	11.3	2.05	13.5	2.64	15.7	3.31	16.5	3.57	16.7	3.58	17.2	3.61	17.6	3.64
		29	11.3	2.19	13.5	2.82	15.7	3.54	16.3	3.71	16.5	3.73	16.9	3.76	17.3	3.79
		31	11.3	2.33	13.5	3.01	15.7	3.78	16.0	3.86	16.3	3.87	16.7	3.91	17.1	3.94
		33	11.3	2.49	13.5	3.21	15.6	3.98	15.8	4.00	16.0	4.02	16.4	4.06	16.8	4.09
		35	11.3	2.65	13.5	3.43	15.3	4.13	15.5	4.15	15.8	4.17	16.2	4.20	16.6	4.24
		37	11.3	2.82	13.5	3.65	15.1	4.27	15.3	4.29	15.5	4.31	15.9	4.35	16.3	4.39
		39	11.3	3.00	13.5	3.89	14.8	4.42	15.1	4.44	15.3	4.46	15.7	4.50	16.1	4.55
110	15.40	10	10.4	1.38	12.4	1.68	14.4	1.99	15.4	2.16	16.4	2.32	18.4	2.65	19.3	2.69
		12	10.4	1.40	12.4	1.71	14.4	2.03	15.4	2.20	16.4	2.36	18.4	2.70	19.1	2.68
		14	10.4	1.43	12.4	1.74	14.4	2.07	15.4	2.24	16.4	2.41	18.4	2.75	18.8	2.68
		16	10.4	1.46	12.4	1.78	14.4	2.11	15.4	2.28	16.4	2.46	18.2	2.80	18.6	2.82
		18	10.4	1.48	12.4	1.81	14.4	2.15	15.4	2.35	16.4	2.58	18.0	2.94	18.3	2.96
		20	10.4	1.51	12.4	1.85	14.4	2.28	15.4	2.52	16.4	2.77	17.7	3.09	18.1	3.11
		21	10.4	1.53	12.4	1.90	14.4	2.36	15.4	2.61	16.4	2.87	17.6	3.16	18.0	3.18
		23	10.4	1.60	12.4	2.04	14.4	2.53	15.4	2.80	16.4	3.08	17.3	3.30	17.7	3.33
		25	10.4	1.71	12.4	2.18	14.4	2.71	15.4	3.00	16.4	3.30	17.1	3.45	17.5	3.47
		27	10.4	1.82	12.4	2.33	14.4	2.90	15.4	3.21	16.4	3.54	16.8	3.59	17.2	3.62
		29	10.4	1.94	12.4	2.49	14.4	3.10	15.4	3.43	16.2	3.71	16.6	3.74	17.0	3.76
		31	10.4	2.07	12.4	2.65	14.4	3.31	15.4	3.67	16.0	3.85	16.3	3.88	16.7	3.91
		33	10.4	2.20	12.4	2.83	14.4	3.53	15.4	3.92	15.7	3.99	16.1	4.03	16.5	4.06
		35	10.4	2.34	12.4	3.01	14.4	3.77	15.3	4.12	15.5	4.14	15.8	4.17	16.2	4.21
		37	10.4	2.49	12.4	3.21	14.4	4.02	15.0	4.27	15.2	4.29	15.6	4.32	16.0	4.36
		39	10.4	2.65	12.4	3.41	14.4	4.28	14.8	4.41	15.0	4.43	15.4	4.47	15.7	4.51
100	14.00	10	9.45	1.24	11.3	1.51	13.1	1.79	14.0	1.93	14.9	2.08	16.7	2.37	18.6	2.67
		12	9.45	1.27	11.3	1.54	13.1	1.82	14.0	1.97	14.9	2.12	16.7	2.42	18.6	2.72
		14	9.45	1.29	11.3	1.56	13.1	1.86	14.0	2.00	14.9	2.16	16.7	2.46	18.5	2.76
		16	9.45	1.31	11.3	1.59	13.1	1.89	14.0	2.04	14.9	2.20	16.7	2.51	18.2	2.80
		18	9.45	1.34	11.3	1.63	13.1	1.93	14.0	2.08	14.9	2.24	16.7	2.66	18.0	2.94
		20	9.45	1.36	11.3	1.66	13.1	1.99	14.0	2.19	14.9	2.40	16.7	2.86	17.7	3.09
		21	9.45	1.37	11.3	1.67	13.1	2.06	14.0	2.27	14.9	2.49	16.7	2.96	17.6	3.16
		23	9.45	1.41	11.3	1.78	13.1	2.20	14.0	2.43	14.9	2.67	16.7	3.18	17.4	3.30
		25	9.45	1.51	11.3	1.91	13.1	2.36	14.0	2.60	14.9	2.86	16.7	3.41	17.1	3.45
		27	9.45	1.60	11.3	2.04	13.1	2.52	14.0	2.78	14.9	3.06	16.5	3.57	16.9	3.59
		29	9.45	1.71	11.3	2.17	13.1	2.69	14.0	2.97	14.9	3.27	16.3	3.71	16.6	3.74
		31	9.45	1.82	11.3	2.31	13.1	2.87	14.0	3.17	14.9	3.49	16.0	3.85	16.4	3.88
		33	9.45	1.93	11.3	2.46	13.1	3.06	14.0	3.39	14.9	3.73	15.8	4.00	16.1	4.03
		35	9.45	2.05	11.3	2.62	13.1	3.26	14.0	3.61	14.9	3.97	15.5	4.15	15.9	4.18
		37	9.45	2.18	11.3	2.79	13.1	3.48	14.0	3.85	14.9	4.24	15.3	4.29	15.6	4.33
		39	9.45	2.32	11.3	2.97	13.1	3.70	14.0	4.10	14.7	4.40	15.0	4.44	15.4	4.47

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**NOTE**

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

### 3 Capacity tables

#### 3 - 1 Cooling capacity tables

RXYSQ5PAY1																
TC: Total capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)																
Combination (%)	Capacity index (kW)	Outdoor air temp.(°CDB)	Indoor air temp. (°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
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
90	12.60	10	8.50	1.11	10.1	1.34	11.8	1.59	12.6	1.71	13.4	1.84	15.1	2.10	16.7	2.37
		12	8.50	1.13	10.1	1.37	11.8	1.61	12.6	1.74	13.4	1.87	15.1	2.14	16.7	2.41
		14	8.50	1.15	10.1	1.39	11.8	1.65	12.6	1.78	13.4	1.91	15.1	2.18	16.7	2.46
		16	8.50	1.17	10.1	1.42	11.8	1.68	12.6	1.81	13.4	1.95	15.1	2.22	16.7	2.51
		18	8.50	1.19	10.1	1.44	11.8	1.71	12.6	1.85	13.4	1.98	15.1	2.27	16.7	2.65
		20	8.50	1.22	10.1	1.47	11.8	1.74	12.6	1.88	13.4	2.06	15.1	2.44	16.7	2.85
		21	8.50	1.23	10.1	1.49	11.8	1.77	12.6	1.95	13.4	2.13	15.1	2.53	16.7	2.95
		23	8.50	1.25	10.1	1.55	11.8	1.90	12.6	2.09	13.4	2.28	15.1	2.71	16.7	3.17
		25	8.50	1.32	10.1	1.65	11.8	2.03	12.6	2.23	13.4	2.44	15.1	2.90	16.7	3.40
		27	8.50	1.40	10.1	1.76	11.8	2.17	12.6	2.38	13.4	2.61	15.1	3.10	16.5	3.57
		29	8.50	1.49	10.1	1.88	11.8	2.31	12.6	2.55	13.4	2.79	15.1	3.32	16.3	3.71
		31	8.50	1.59	10.1	2.00	11.8	2.46	12.6	2.72	13.4	2.98	15.1	3.54	16.0	3.85
		33	8.50	1.68	10.1	2.13	11.8	2.63	12.6	2.89	13.4	3.18	15.1	3.78	15.8	4.00
		35	8.50	1.79	10.1	2.26	11.8	2.80	12.6	3.08	13.4	3.39	15.1	4.04	15.5	4.14
		37	8.50	1.90	10.1	2.41	11.8	2.98	12.6	3.29	13.4	3.61	15.0	4.26	15.3	4.29
		39	8.50	2.01	10.1	2.56	11.8	3.17	12.6	3.50	13.4	3.85	14.7	4.41	15.0	4.44
		80	11.20	10	7.56	0.99	9.02	1.18	10.5	1.39	11.2	1.50	11.9	1.61	13.4	1.83
12	7.56			1.00	9.02	1.20	10.5	1.42	11.2	1.53	11.9	1.64	13.4	1.87	14.8	2.10
14	7.56			1.02	9.02	1.23	10.5	1.44	11.2	1.55	11.9	1.67	13.4	1.90	14.8	2.15
16	7.56			1.04	9.02	1.25	10.5	1.47	11.2	1.58	11.9	1.70	13.4	1.94	14.8	2.19
18	7.56			1.06	9.02	1.27	10.5	1.50	11.2	1.61	11.9	1.73	13.4	1.98	14.8	2.23
20	7.56			1.08	9.02	1.29	10.5	1.53	11.2	1.65	11.9	1.77	13.4	2.05	14.8	2.39
21	7.56			1.08	9.02	1.31	10.5	1.54	11.2	1.66	11.9	1.80	13.4	2.12	14.8	2.47
23	7.56			1.10	9.02	1.33	10.5	1.62	11.2	1.77	11.9	1.93	13.4	2.28	14.8	2.65
25	7.56			1.14	9.02	1.42	10.5	1.73	11.2	1.89	11.9	2.06	13.4	2.44	14.8	2.84
27	7.56			1.21	9.02	1.51	10.5	1.84	11.2	2.02	11.9	2.20	13.4	2.60	14.8	3.04
29	7.56			1.29	9.02	1.61	10.5	1.96	11.2	2.15	11.9	2.35	13.4	2.78	14.8	3.24
31	7.56			1.37	9.02	1.71	10.5	2.09	11.2	2.29	11.9	2.51	13.4	2.97	14.8	3.47
33	7.56			1.45	9.02	1.82	10.5	2.22	11.2	2.44	11.9	2.67	13.4	3.16	14.8	3.70
35	7.56			1.54	9.02	1.93	10.5	2.37	11.2	2.60	11.9	2.85	13.4	3.37	14.8	3.95
37	7.56			1.63	9.02	2.05	10.5	2.52	11.2	2.77	11.9	3.03	13.4	3.60	14.8	4.21
39	7.56			1.73	9.02	2.18	10.5	2.67	11.2	2.94	11.9	3.23	13.4	3.83	14.7	4.40
70	9.80			10	6.61	0.87	7.89	1.03	9.16	1.20	9.80	1.29	10.4	1.39	11.7	1.58
		12	6.61	0.88	7.89	1.05	9.16	1.22	9.80	1.32	10.4	1.41	11.7	1.60	13.0	1.80
		14	6.61	0.90	7.89	1.07	9.16	1.25	9.80	1.34	10.4	1.44	11.7	1.63	13.0	1.84
		16	6.61	0.91	7.89	1.08	9.16	1.27	9.80	1.36	10.4	1.46	11.7	1.67	13.0	1.87
		18	6.61	0.93	7.89	1.10	9.16	1.29	9.80	1.39	10.4	1.49	11.7	1.70	13.0	1.91
		20	6.61	0.94	7.89	1.12	9.16	1.32	9.80	1.42	10.4	1.52	11.7	1.73	13.0	1.96
		21	6.61	0.95	7.89	1.13	9.16	1.33	9.80	1.43	10.4	1.53	11.7	1.76	13.0	2.03
		23	6.61	0.97	7.89	1.15	9.16	1.36	9.80	1.48	10.4	1.61	11.7	1.88	13.0	2.18
		25	6.61	0.98	7.89	1.20	9.16	1.45	9.80	1.58	10.4	1.72	11.7	2.01	13.0	2.33
		27	6.61	1.04	7.89	1.28	9.16	1.54	9.80	1.68	10.4	1.83	11.7	2.15	13.0	2.49
		29	6.61	1.10	7.89	1.36	9.16	1.64	9.80	1.79	10.4	1.95	11.7	2.29	13.0	2.66
		31	6.61	1.17	7.89	1.44	9.16	1.75	9.80	1.91	10.4	2.08	11.7	2.44	13.0	2.84
		33	6.61	1.24	7.89	1.53	9.16	1.86	9.80	2.03	10.4	2.21	11.7	2.60	13.0	3.03
		35	6.61	1.31	7.89	1.62	9.16	1.97	9.80	2.16	10.4	2.35	11.7	2.77	13.0	3.23
		37	6.61	1.39	7.89	1.72	9.16	2.09	9.80	2.29	10.4	2.50	11.7	2.95	13.0	3.44
		39	6.61	1.47	7.89	1.83	9.16	2.22	9.80	2.44	10.4	2.66	11.7	3.14	13.0	3.66
		60	8.40	10	5.67	0.76	6.76	0.89	7.85	1.03	8.40	1.10	8.95	1.17	10.0	1.33
12	5.67			0.77	6.76	0.90	7.85	1.04	8.40	1.12	8.95	1.19	10.0	1.35	11.1	1.52
14	5.67			0.78	6.76	0.92	7.85	1.06	8.40	1.14	8.95	1.22	10.0	1.38	11.1	1.54
16	5.67			0.79	6.76	0.93	7.85	1.08	8.40	1.16	8.95	1.24	10.0	1.40	11.1	1.57
18	5.67			0.80	6.76	0.95	7.85	1.10	8.40	1.18	8.95	1.26	10.0	1.43	11.1	1.60
20	5.67			0.81	6.76	0.96	7.85	1.12	8.40	1.20	8.95	1.28	10.0	1.46	11.1	1.63
21	5.67			0.82	6.76	0.97	7.85	1.13	8.40	1.21	8.95	1.30	10.0	1.47	11.1	1.65
23	5.67			0.83	6.76	0.99	7.85	1.15	8.40	1.23	8.95	1.32	10.0	1.53	11.1	1.75
25	5.67			0.85	6.76	1.00	7.85	1.19	8.40	1.30	8.95	1.40	10.0	1.63	11.1	1.87
27	5.67			0.88	6.76	1.07	7.85	1.27	8.40	1.38	8.95	1.50	10.0	1.74	11.1	2.00
29	5.67			0.93	6.76	1.13	7.85	1.35	8.40	1.47	8.95	1.59	10.0	1.85	11.1	2.13
31	5.67			0.99	6.76	1.20	7.85	1.43	8.40	1.56	8.95	1.69	10.0	1.97	11.1	2.27
33	5.67			1.04	6.76	1.27	7.85	1.52	8.40	1.66	8.95	1.80	10.0	2.10	11.1	2.42
35	5.67			1.10	6.76	1.35	7.85	1.62	8.40	1.76	8.95	1.91	10.0	2.23	11.1	2.58
37	5.67			1.17	6.76	1.43	7.85	1.71	8.40	1.87	8.95	2.03	10.0	2.37	11.1	2.74
39	5.67			1.23	6.76	1.51	7.85	1.82	8.40	1.98	8.95	2.15	10.0	2.52	11.1	2.92
50	7.00			10	4.72	0.65	5.63	0.75	6.54	0.86	7.00	0.92	7.46	0.98	8.37	1.10
		12	4.72	0.66	5.63	0.76	6.54	0.87	7.00	0.93	7.46	0.99	8.37	1.11	9.28	1.24
		14	4.72	0.67	5.63	0.77	6.54	0.89	7.00	0.95	7.46	1.01	8.37	1.13	9.28	1.26
		16	4.72	0.68	5.63	0.79	6.54	0.90	7.00	0.96	7.46	1.02	8.37	1.15	9.28	1.29
		18	4.72	0.69	5.63	0.80	6.54	0.92	7.00	0.98	7.46	1.04	8.37	1.17	9.28	1.31
		20	4.72	0.70	5.63	0.81	6.54	0.93	7.00	1.00	7.46	1.06	8.37	1.19	9.28	1.33
		21	4.72	0.70	5.63	0.82	6.54	0.94	7.00	1.00	7.46	1.07	8.37	1.21	9.28	1.35
		23	4.72	0.71	5.63	0.83	6.54	0.96	7.00	1.02	7.46	1.09	8.37	1.23	9.28	1.38
		25	4.72	0.72	5.63	0.84	6.54	0.97	7.00	1.04	7.46	1.12	8.37	1.29	9.28	1.47
		27	4.72	0.73	5.63	0.87	6.54	1.03	7.00	1.11	7.46	1.19	8.37	1.37	9.28	1.57
		29	4.72	0.78	5.63	0.93	6.54	1.09	7.00	1.18	7.46	1.27	8.37	1.46	9.28	1.67
		31	4.72	0.82	5.63	0.98	6.54	1.16	7.00	1.25	7.46	1.35	8.37	1.55	9.28	1.77
		33	4.72	0.87	5.63	1.04	6.54	1.22	7.00	1.32	7.46	1.43	8.37	1.65	9.28	1.89
		35	4.72	0.91	5.63	1.10	6.54	1.30	7.00	1.40	7.46	1.51	8.37	1.75	9.28	2.00
		37	4.72	0.96	5.63	1.16	6.54	1.37	7.00	1.49	7.46	1.61	8.37	1.86	9.28	2.13
		39	4.72	1.02	5.63	1.22	6.54	1.45	7.00	1.57	7.46	1.70	8.37	1.97	9.28	2.26

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### 3 Capacity tables

#### 3 - 1 Cooling capacity tables

RXYSQ6PAY1			TC: Total capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)															
Combination (%)	Capacity index (kW)	Outdoor air temp.(°CDB)	Indoor air temp. (°CWB)															
			14.0		16.0		18.0		19.0		20.0		22.0		24.0			
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW		
130	20.80	10	13.6	2.15	16.2	2.63	18.8	3.12	20.2	3.38	20.4	3.31	20.9	3.17	21.4	3.02		
		12	13.6	2.19	16.2	2.68	18.8	3.18	19.9	3.36	20.1	3.29	20.6	3.15	21.1	3.09		
		14	13.6	2.23	16.2	2.73	18.8	3.24	19.6	3.34	19.9	3.27	20.4	3.24	20.9	3.27		
		16	13.6	2.27	16.2	2.78	18.8	3.31	19.4	3.37	19.6	3.39	20.1	3.42	20.6	3.45		
		18	13.6	2.31	16.2	2.84	18.8	3.52	19.1	3.54	19.3	3.56	19.8	3.59	20.3	3.62		
		20	13.6	2.36	16.2	3.02	18.6	3.70	18.8	3.71	19.1	3.73	19.6	3.77	20.1	3.80		
		21	13.6	2.43	16.2	3.13	18.5	3.78	18.7	3.80	19.0	3.82	19.4	3.86	19.9	3.89		
		23	13.6	2.60	16.2	3.35	18.2	3.96	18.4	3.97	18.7	3.99	19.2	4.03	19.7	4.07		
		25	13.6	2.78	16.2	3.59	17.9	4.13	18.2	4.15	18.4	4.17	18.9	4.21	19.4	4.25		
		27	13.6	2.97	16.2	3.84	17.7	4.30	17.9	4.32	18.2	4.34	18.7	4.39	19.1	4.43		
		29	13.6	3.17	16.2	4.11	17.4	4.48	17.7	4.50	17.9	4.52	18.4	4.57	18.9	4.61		
		31	13.6	3.38	16.2	4.39	17.2	4.65	17.4	4.67	17.6	4.70	18.1	4.75	18.6	4.79		
		33	13.6	3.60	16.2	4.68	16.9	4.83	17.1	4.85	17.4	4.88	17.9	4.93	18.4	4.98		
		35	13.6	3.83	16.1	4.95	16.6	5.00	16.9	5.03	17.1	5.06	17.6	5.11	18.1	5.16		
		37	13.6	4.08	15.9	5.12	16.4	5.18	16.6	5.21	16.9	5.24	17.3	5.29	17.8	5.35		
		39	13.6	4.35	15.6	5.30	16.1	5.36	16.4	5.39	16.6	5.42	17.1	5.48	17.6	5.54		
		120	19.20	10	12.6	1.96	15.0	2.39	17.4	2.85	18.6	3.08	19.8	3.31	20.5	3.27	21.0	3.14
				12	12.6	2.00	15.0	2.44	17.4	2.90	18.6	3.14	19.8	3.37	20.3	3.25	20.7	3.11
14	12.6			2.03	15.0	2.49	17.4	2.96	18.6	3.20	19.6	3.36	20.0	3.23	20.5	3.25		
16	12.6			2.07	15.0	2.53	17.4	3.01	18.6	3.26	19.3	3.37	19.8	3.39	20.2	3.42		
18	12.6			2.11	15.0	2.58	17.4	3.12	18.6	3.45	19.0	3.54	19.5	3.57	19.9	3.60		
20	12.6			2.15	15.0	2.69	17.4	3.35	18.6	3.69	18.8	3.71	19.2	3.74	19.7	3.77		
21	12.6			2.18	15.0	2.78	17.4	3.47	18.4	3.78	18.6	3.80	19.1	3.83	19.6	3.86		
23	12.6			2.32	15.0	2.98	17.4	3.73	18.2	3.95	18.4	3.97	18.8	4.00	19.3	4.04		
25	12.6			2.48	15.0	3.19	17.4	3.99	17.9	4.12	18.1	4.14	18.6	4.18	19.0	4.22		
27	12.6			2.65	15.0	3.41	17.4	4.27	17.6	4.30	17.9	4.32	18.3	4.36	18.8	4.40		
29	12.6			2.83	15.0	3.64	17.1	4.45	17.4	4.47	17.6	4.49	18.1	4.53	18.5	4.58		
31	12.6			3.01	15.0	3.89	16.9	4.62	17.1	4.65	17.3	4.67	17.8	4.71	18.2	4.76		
33	12.6			3.21	15.0	4.15	16.6	4.80	16.8	4.82	17.1	4.84	17.5	4.89	18.0	4.94		
35	12.6			3.42	15.0	4.42	16.4	4.97	16.6	5.00	16.8	5.02	17.3	5.07	17.7	5.12		
37	12.6			3.64	15.0	4.71	16.1	5.15	16.3	5.17	16.5	5.20	17.0	5.25	17.5	5.30		
39	12.6			3.87	15.0	5.02	15.8	5.32	16.1	5.35	16.3	5.38	16.7	5.43	17.2	5.49		
110	17.60			10	11.5	1.78	13.7	2.17	15.9	2.57	17.1	2.78	18.2	2.99	20.2	3.36	20.6	3.25
				12	11.5	1.81	13.7	2.21	15.9	2.62	17.1	2.84	18.2	3.05	19.9	3.35	20.3	3.23
		14	11.5	1.85	13.7	2.25	15.9	2.67	17.1	2.89	18.2	3.11	19.7	3.33	20.1	3.23		
		16	11.5	1.88	13.7	2.29	15.9	2.73	17.1	2.95	18.2	3.17	19.4	3.37	19.8	3.40		
		18	11.5	1.92	13.7	2.34	15.9	2.78	17.1	3.03	18.2	3.33	19.1	3.55	19.6	3.57		
		20	11.5	1.95	13.7	2.39	15.9	2.94	17.1	3.25	18.2	3.58	18.9	3.72	19.3	3.75		
		21	11.5	1.97	13.7	2.46	15.9	3.05	17.1	3.37	18.2	3.71	18.8	3.80	19.2	3.83		
		23	11.5	2.06	13.7	2.63	15.9	3.27	17.1	3.62	18.1	3.95	18.5	3.98	18.9	4.01		
		25	11.5	2.20	13.7	2.81	15.9	3.50	17.1	3.87	17.8	4.12	18.2	4.15	18.6	4.19		
		27	11.5	2.35	13.7	3.01	15.9	3.74	17.1	4.14	17.6	4.29	18.0	4.33	18.4	4.36		
		29	11.5	2.51	13.7	3.21	15.9	4.00	17.1	4.43	17.3	4.46	17.7	4.50	18.1	4.54		
		31	11.5	2.67	13.7	3.42	15.9	4.27	16.8	4.62	17.0	4.64	17.4	4.68	17.9	4.72		
		33	11.5	2.84	13.7	3.65	15.9	4.56	16.6	4.79	16.8	4.81	17.2	4.86	17.6	4.90		
		35	11.5	3.02	13.7	3.89	15.9	4.86	16.3	4.97	16.5	4.99	16.9	5.03	17.3	5.08		
		37	11.5	3.21	13.7	4.14	15.8	5.12	16.0	5.14	16.2	5.16	16.7	5.21	17.1	5.26		
		39	11.5	3.42	13.7	4.41	15.6	5.29	15.8	5.32	16.0	5.34	16.4	5.39	16.8	5.44		
		100	16.00	10	10.5	1.61	12.5	1.95	14.5	2.31	15.5	2.49	16.5	2.68	18.5	3.06	20.2	3.36
				12	10.5	1.63	12.5	1.98	14.5	2.35	15.5	2.54	16.5	2.73	18.5	3.12	20.0	3.34
14	10.5			1.66	12.5	2.02	14.5	2.39	15.5	2.59	16.5	2.78	18.5	3.18	19.7	3.32		
16	10.5			1.69	12.5	2.06	14.5	2.44	15.5	2.64	16.5	2.84	18.5	3.24	19.4	3.38		
18	10.5			1.72	12.5	2.10	14.5	2.49	15.5	2.69	16.5	2.89	18.5	3.43	19.2	3.55		
20	10.5			1.76	12.5	2.14	14.5	2.56	15.5	2.83	16.5	3.10	18.5	3.69	18.9	3.72		
21	10.5			1.77	12.5	2.16	14.5	2.66	15.5	2.93	16.5	3.21	18.4	3.78	18.8	3.81		
23	10.5			1.82	12.5	2.30	14.5	2.84	15.5	3.14	16.5	3.44	18.1	3.95	18.5	3.98		
25	10.5			1.94	12.5	2.46	14.5	3.04	15.5	3.36	16.5	3.69	17.9	4.12	18.3	4.15		
27	10.5			2.07	12.5	2.63	14.5	3.25	15.5	3.59	16.5	3.95	17.6	4.30	18.0	4.33		
29	10.5			2.21	12.5	2.80	14.5	3.47	15.5	3.84	16.5	4.22	17.4	4.47	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	4.64	17.5	4.68		
33	10.5			2.50	12.5	3.18	14.5	3.95	15.5	4.37	16.5	4.78	16.8	4.82	17.2	4.86		
35	10.5			2.65	12.5	3.39	14.5	4.21	15.5	4.66	16.2	4.95	16.6	5.00	16.9	5.04		
37	10.5			2.82	12.5	3.60	14.5	4.49	15.5	4.97	15.9	5.13	16.3	5.17	16.7	5.22		
39	10.5			2.99	12.5	3.83	14.5	4.78	15.5	5.28	15.7	5.30	16.0	5.35	16.4	5.40		

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**NOTE**

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

### 3 Capacity tables

#### 3 - 1 Cooling capacity tables

RXYSQ6PAY1			TC: Total capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)													
Combination (%)	Capacity index (kW)	Outdoor air temp.(°CDB)	Indoor air temp. (°CWB)													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90	14.40	10	9.41	1.44	11.2	1.73	13.0	2.05	14.0	2.21	14.9	2.37	16.7	2.71	18.5	3.06
		12	9.41	1.46	11.2	1.76	13.0	2.08	14.0	2.25	14.9	2.42	16.7	2.76	18.5	3.11
		14	9.41	1.49	11.2	1.80	13.0	2.12	14.0	2.29	14.9	2.46	16.7	2.82	18.5	3.17
		16	9.41	1.51	11.2	1.83	13.0	2.16	14.0	2.34	14.9	2.51	16.7	2.87	18.5	3.24
		18	9.41	1.54	11.2	1.86	13.0	2.21	14.0	2.38	14.9	2.56	16.7	2.93	18.5	3.42
		20	9.41	1.57	11.2	1.90	13.0	2.25	14.0	2.43	14.9	2.66	16.7	3.15	18.5	3.68
		21	9.41	1.58	11.2	1.92	13.0	2.29	14.0	2.52	14.9	2.75	16.7	3.26	18.4	3.78
		23	9.41	1.61	11.2	2.00	13.0	2.45	14.0	2.69	14.9	2.95	16.7	3.50	18.1	3.95
		25	9.41	1.70	11.2	2.13	13.0	2.62	14.0	2.88	14.9	3.16	16.7	3.74	17.9	4.12
		27	9.41	1.81	11.2	2.28	13.0	2.80	14.0	3.08	14.9	3.37	16.7	4.01	17.6	4.30
		29	9.41	1.93	11.2	2.42	13.0	2.98	14.0	3.29	14.9	3.60	16.7	4.28	17.4	4.47
		31	9.41	2.05	11.2	2.58	13.0	3.18	14.0	3.50	14.9	3.84	16.7	4.57	17.1	4.64
		33	9.41	2.17	11.2	2.75	13.0	3.39	14.0	3.74	14.9	4.10	16.5	4.78	16.8	4.82
		35	9.41	2.31	11.2	2.92	13.0	3.61	14.0	3.98	14.9	4.37	16.2	4.96	16.6	5.00
		37	9.41	2.45	11.2	3.11	13.0	3.84	14.0	4.24	14.9	4.66	16.0	5.13	16.3	5.17
		39	9.41	2.60	11.2	3.30	13.0	4.09	14.0	4.52	14.9	4.96	15.7	5.31	16.0	5.35
80	12.80	10	8.37	1.28	10.0	1.53	11.6	1.80	12.4	1.93	13.2	2.08	14.8	2.37	16.4	2.67
		12	8.37	1.30	10.0	1.55	11.6	1.83	12.4	1.97	13.2	2.11	14.8	2.41	16.4	2.72
		14	8.37	1.32	10.0	1.58	11.6	1.86	12.4	2.01	13.2	2.15	14.8	2.46	16.4	2.77
		16	8.37	1.34	10.0	1.61	11.6	1.90	12.4	2.04	13.2	2.19	14.8	2.50	16.4	2.82
		18	8.37	1.36	10.0	1.64	11.6	1.93	12.4	2.08	13.2	2.24	14.8	2.55	16.4	2.88
		20	8.37	1.39	10.0	1.67	11.6	1.97	12.4	2.12	13.2	2.28	14.8	2.65	16.4	3.08
		21	8.37	1.40	10.0	1.69	11.6	1.99	12.4	2.15	13.2	2.33	14.8	2.74	16.4	3.19
		23	8.37	1.43	10.0	1.72	11.6	2.09	12.4	2.28	13.2	2.49	14.8	2.94	16.4	3.42
		25	8.37	1.47	10.0	1.83	11.6	2.23	12.4	2.44	13.2	2.66	14.8	3.14	16.4	3.66
		27	8.37	1.57	10.0	1.95	11.6	2.38	12.4	2.61	13.2	2.85	14.8	3.36	16.4	3.92
		29	8.37	1.66	10.0	2.07	11.6	2.53	12.4	2.78	13.2	3.04	14.8	3.59	16.4	4.19
		31	8.37	1.77	10.0	2.21	11.6	2.70	12.4	2.96	13.2	3.24	14.8	3.83	16.4	4.47
		33	8.37	1.88	10.0	2.35	11.6	2.87	12.4	3.15	13.2	3.45	14.8	4.09	16.4	4.77
		35	8.37	1.99	10.0	2.49	11.6	3.05	12.4	3.36	13.2	3.67	14.8	4.36	16.2	4.95
		37	8.37	2.11	10.0	2.65	11.6	3.25	12.4	3.57	13.2	3.91	14.8	4.64	15.9	5.13
		39	8.37	2.23	10.0	2.81	11.6	3.45	12.4	3.80	13.2	4.16	14.8	4.94	15.7	5.30
70	11.20	10	7.32	1.12	8.73	1.33	10.1	1.55	10.9	1.67	11.6	1.79	13.0	2.03	14.4	2.29
		12	7.32	1.14	8.73	1.35	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	1.85	13.0	2.11	14.4	2.37
		16	7.32	1.18	8.73	1.40	10.1	1.64	10.9	1.76	11.6	1.89	13.0	2.15	14.4	2.42
		18	7.32	1.19	8.73	1.42	10.1	1.67	10.9	1.80	11.6	1.92	13.0	2.19	14.4	2.47
		20	7.32	1.21	8.73	1.45	10.1	1.70	10.9	1.83	11.6	1.96	13.0	2.23	14.4	2.54
		21	7.32	1.23	8.73	1.46	10.1	1.72	10.9	1.85	11.6	1.98	13.0	2.27	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	2.81
		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	2.17	11.6	2.37	13.0	2.77	14.4	3.22
		29	7.32	1.42	8.73	1.75	10.1	2.12	10.9	2.32	11.6	2.52	13.0	2.96	14.4	3.43
		31	7.32	1.51	8.73	1.86	10.1	2.25	10.9	2.46	11.6	2.68	13.0	3.15	14.4	3.66
		33	7.32	1.60	8.73	1.98	10.1	2.40	10.9	2.62	11.6	2.86	13.0	3.36	14.4	3.91
		35	7.32	1.69	8.73	2.10	10.1	2.55	10.9	2.79	11.6	3.04	13.0	3.58	14.4	4.16
		37	7.32	1.79	8.73	2.22	10.1	2.70	10.9	2.96	11.6	3.23	13.0	3.81	14.4	4.44
		39	7.32	1.90	8.73	2.36	10.1	2.87	10.9	3.15	11.6	3.44	13.0	4.05	14.4	4.72
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	1.71	12.3	1.92
		12	6.28	0.99	7.49	1.16	8.70	1.35	9.30	1.44	9.90	1.54	11.1	1.74	12.3	1.96
		14	6.28	1.00	7.49	1.18	8.70	1.37	9.30	1.47	9.90	1.57	11.1	1.78	12.3	1.99
		16	6.28	1.02	7.49	1.20	8.70	1.39	9.30	1.49	9.90	1.60	11.1	1.81	12.3	2.03
		18	6.28	1.03	7.49	1.22	8.70	1.42	9.30	1.52	9.90	1.63	11.1	1.84	12.3	2.07
		20	6.28	1.05	7.49	1.24	8.70	1.44	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	1.56	9.90	1.67	11.1	1.90	12.3	2.13
		23	6.28	1.08	7.49	1.27	8.70	1.48	9.30	1.59	9.90	1.70	11.1	1.97	12.3	2.27
		25	6.28	1.09	7.49	1.30	8.70	1.54	9.30	1.67	9.90	1.81	11.1	2.10	12.3	2.42
		27	6.28	1.13	7.49	1.38	8.70	1.64	9.30	1.78	9.90	1.93	11.1	2.24	12.3	2.58
		29	6.28	1.20	7.49	1.46	8.70	1.74	9.30	1.90	9.90	2.05	11.1	2.39	12.3	2.75
		31	6.28	1.27	7.49	1.55	8.70	1.85	9.30	2.01	9.90	2.18	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	2.32	11.1	2.71	12.3	3.13
		35	6.28	1.42	7.49	1.74	8.70	2.09	9.30	2.27	9.90	2.47	11.1	2.88	12.3	3.33
		37	6.28	1.50	7.49	1.84	8.70	2.21	9.30	2.41	9.90	2.62	11.1	3.06	12.3	3.54
		39	6.28	1.59	7.49	1.95	8.70	2.34	9.30	2.56	9.90	2.78	11.1	3.25	12.3	3.77
50	8.00	10	5.23	0.84	6.24	0.97	7.25	1.11	7.75	1.18	8.25	1.26	9.26	1.41	10.3	1.57
		12	5.23	0.85	6.24	0.98	7.25	1.13	7.75	1.20	8.25	1.28	9.26	1.44	10.3	1.60
		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	1.01	7.25	1.16	7.75	1.24	8.25	1.32	9.26	1.49	10.3	1.66
		18	5.23	0.88	6.24	1.03	7.25	1.18	7.75	1.26	8.25	1.34	9.26	1.51	10.3	1.69
		20	5.23	0.90	6.24	1.05	7.25	1.20	7.75	1.28	8.25	1.37	9.26	1.54	10.3	1.72
		21	5.23	0.90	6.24	1.05	7.25	1.21	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	1.23	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	1.77	10.3	2.02
		29	5.23	1.00	6.24	1.19	7.25	1.41	7.75	1.52	8.25	1.64	9.26	1.89	10.3	2.15
		31	5.23													

### 3 Capacity tables

#### 3 - 2 Heating capacity tables

RXYSQ4PAY1		TC: Total capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)													
Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temp. (°CWB)											
				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	16.25	-19.8	-20	10.2	3.35	10.2	3.49	10.1	3.62	10.1	3.69	10.1	3.76	10.1	3.90
		-18.8	-19	10.5	3.43	10.5	3.56	10.4	3.69	10.4	3.76	10.4	3.82	10.4	3.95
		-16.7	-17	11.1	3.56	11.1	3.69	11.0	3.81	11.0	3.87	11.0	3.94	11.0	4.06
		-14.7	-15	11.7	3.68	11.7	3.80	11.7	3.92	11.6	3.98	11.6	4.04	11.6	4.15
		-12.6	-13	12.3	3.79	12.3	3.91	12.3	4.02	12.3	4.07	12.2	4.13	12.2	4.24
		-10.5	-11	12.9	3.89	12.9	4.00	12.9	4.11	12.9	4.16	12.9	4.21	12.8	4.32
		-9.5	-10	13.2	3.94	13.2	4.04	13.2	4.15	13.2	4.20	13.2	4.25	13.1	4.35
		-8.5	-9.1	13.5	3.98	13.5	4.08	13.5	4.18	13.4	4.23	13.4	4.28	13.4	4.38
		-7.0	-7.6	14.0	4.04	13.9	4.14	13.9	4.24	13.9	4.29	13.9	4.34	13.9	4.43
		-5.0	-5.6	14.6	4.12	14.6	4.21	14.5	4.31	14.5	4.35	14.5	4.40	14.2	4.34
		-3.0	-3.7	15.2	4.19	15.1	4.28	15.1	4.37	15.1	4.41	15.1	4.46	14.2	4.12
		0.0	-0.7	16.1	4.29	16.1	4.37	16.0	4.46	15.7	4.37	15.2	4.18	14.2	3.82
		3.0	2.2	17.0	4.37	16.9	4.45	16.3	4.25	15.7	4.07	15.2	3.90	14.2	3.57
		5.0	4.1	17.6	4.42	17.3	4.41	16.3	4.07	15.7	3.90	15.2	3.74	14.2	3.42
		7.0	6	18.1	4.47	17.3	4.22	16.3	3.90	15.7	3.74	15.2	3.58	14.2	3.28
		9.0	7.9	18.3	4.37	17.3	4.05	16.3	3.74	15.7	3.59	15.2	3.44	14.2	3.16
		11.0	9.8	18.3	4.20	17.3	3.90	16.3	3.60	15.7	3.46	15.2	3.32	14.2	3.04
		13.0	11.8	18.3	4.03	17.3	3.74	16.3	3.46	15.7	3.33	15.2	3.19	14.2	2.93
15.0	13.7	18.3	3.89	17.3	3.61	16.3	3.34	15.7	3.21	15.2	3.08	14.2	2.83		
120	15.00	-19.8	-20	10.1	3.54	10.1	3.66	10.1	3.79	10.1	3.85	10.1	3.91	10.0	4.04
		-18.8	-19	10.5	3.60	10.4	3.73	10.4	3.85	10.4	3.91	10.4	3.97	10.3	4.09
		-16.7	-17	11.1	3.73	11.0	3.85	11.0	3.96	11.0	4.02	11.0	4.07	11.0	4.19
		-14.7	-15	11.7	3.84	11.6	3.95	11.6	4.06	11.6	4.11	11.6	4.17	11.6	4.28
		-12.6	-13	12.3	3.94	12.3	4.05	12.2	4.15	12.2	4.20	12.2	4.25	12.2	4.36
		-10.5	-11	12.9	4.04	12.9	4.13	12.8	4.23	12.8	4.28	12.8	4.33	12.8	4.43
		-9.5	-10	13.2	4.08	13.2	4.17	13.2	4.27	13.1	4.32	13.1	4.37	13.1	4.45
		-8.5	-9.1	13.5	4.12	13.5	4.21	13.4	4.30	13.4	4.35	13.4	4.40	13.1	4.33
		-7.0	-7.6	13.9	4.17	13.9	4.27	13.9	4.36	13.9	4.40	13.9	4.45	13.1	4.14
		-5.0	-5.6	14.5	4.25	14.5	4.33	14.5	4.42	14.5	4.46	14.0	4.29	13.1	3.91
		-3.0	-3.7	15.1	4.31	15.1	4.39	15.0	4.44	14.5	4.26	14.0	4.07	13.1	3.72
		0.0	-0.7	16.0	4.40	16.0	4.45	15.0	4.11	14.5	3.94	14.0	3.78	13.1	3.45
		3.0	2.2	16.9	4.48	16.0	4.15	15.0	3.83	14.5	3.68	14.0	3.53	13.1	3.23
		5.0	4.1	16.9	4.29	16.0	3.97	15.0	3.67	14.5	3.52	14.0	3.38	13.1	3.10
		7.0	6	16.9	4.11	16.0	3.81	15.0	3.52	14.5	3.38	14.0	3.25	13.1	2.98
		9.0	7.9	16.9	3.94	16.0	3.66	15.0	3.39	14.5	3.25	14.0	3.12	13.1	2.86
		11.0	9.8	16.9	3.79	16.0	3.52	15.0	3.26	14.5	3.13	14.0	3.01	13.1	2.76
		13.0	11.8	16.9	3.64	16.0	3.39	15.0	3.14	14.5	3.02	14.0	2.90	13.1	2.66
15.0	13.7	16.9	3.51	16.0	3.27	15.0	3.03	14.5	2.91	14.0	2.80	13.1	2.57		
110	13.75	-19.8	-20	10.1	3.72	10.1	3.83	10.1	3.95	10.0	4.01	10.0	4.06	10.0	4.18
		-18.8	-19	10.4	3.78	10.4	3.89	10.4	4.00	10.4	4.06	10.3	4.12	10.3	4.23
		-16.7	-17	11.0	3.90	11.0	4.00	11.0	4.11	11.0	4.16	11.0	4.21	10.9	4.32
		-14.7	-15	11.6	4.00	11.6	4.10	11.6	4.20	11.6	4.25	11.6	4.30	11.5	4.40
		-12.6	-13	12.2	4.10	12.2	4.19	12.2	4.28	12.2	4.33	12.2	4.38	12.0	4.37
		-10.5	-11	12.9	4.18	12.8	4.27	12.8	4.36	12.8	4.40	12.8	4.45	12.0	4.10
		-9.5	-10	13.2	4.22	13.1	4.31	13.1	4.39	13.1	4.44	12.9	4.36	12.0	3.97
		-8.5	-9.1	13.4	4.25	13.4	4.34	13.4	4.42	13.3	4.43	12.9	4.24	12.0	3.87
		-7.0	-7.6	13.9	4.31	13.9	4.39	13.8	4.42	13.3	4.24	12.9	4.06	12.0	3.71
		-5.0	-5.6	14.5	4.37	14.5	4.45	13.8	4.18	13.3	4.01	12.9	3.84	12.0	3.51
		-3.0	-3.7	15.1	4.43	14.6	4.30	13.8	3.97	13.3	3.81	12.9	3.65	12.0	3.34
		0.0	-0.7	15.5	4.29	14.6	3.98	13.8	3.68	13.3	3.53	12.9	3.39	12.0	3.10
		3.0	2.2	15.5	4.00	14.6	3.72	13.8	3.44	13.3	3.30	12.9	3.17	12.0	2.90
		5.0	4.1	15.5	3.83	14.6	3.56	13.8	3.29	13.3	3.17	12.9	3.04	12.0	2.79
		7.0	6	15.5	3.68	14.6	3.42	13.8	3.16	13.3	3.04	12.9	2.92	12.0	2.68
		9.0	7.9	15.5	3.53	14.6	3.28	13.8	3.04	13.3	2.93	12.9	2.81	12.0	2.58
		11.0	9.8	15.5	3.40	14.6	3.16	13.8	2.93	13.3	2.82	12.9	2.71	12.0	2.49
		13.0	11.8	15.5	3.27	14.6	3.04	13.8	2.82	13.3	2.72	12.9	2.61	12.0	2.40
15.0	13.7	15.5	3.16	14.6	2.94	13.8	2.73	13.3	2.63	12.9	2.52	12.0	2.32		
100	12.50	-19.8	-20	10.1	3.90	10.0	4.01	10.0	4.11	10.0	4.16	10.0	4.22	10.0	4.32
		-18.8	-19	10.4	3.96	10.4	4.06	10.3	4.16	10.3	4.21	10.3	4.26	10.3	4.36
		-16.7	-17	11.0	4.07	11.0	4.16	10.9	4.26	10.9	4.30	10.9	4.35	10.9	4.44
		-14.7	-15	11.6	4.16	11.6	4.25	11.6	4.34	11.5	4.39	11.5	4.43	10.9	4.14
		-12.6	-13	12.2	4.25	12.2	4.33	12.2	4.42	12.1	4.43	11.7	4.24	10.9	3.87
		-10.5	-11	12.8	4.32	12.8	4.40	12.5	4.33	12.1	4.15	11.7	3.97	10.9	3.63
		-9.5	-10	13.1	4.36	13.1	4.44	12.5	4.20	12.1	4.02	11.7	3.85	10.9	3.52
		-8.5	-9.1	13.4	4.39	13.3	4.43	12.5	4.08	12.1	3.92	11.7	3.75	10.9	3.43
		-7.0	-7.6	13.9	4.44	13.3	4.24	12.5	3.91	12.1	3.75	11.7	3.59	10.9	3.29
		-5.0	-5.6	14.1	4.32	13.3	4.00	12.5	3.70	12.1	3.55	11.7	3.40	10.9	3.12
		-3.0	-3.7	14.1	4.10	13.3	3.81	12.5	3.52	12.1	3.38	11.7	3.24	10.9	2.97
		0.0	-0.7	14.1	3.80	13.3	3.53	12.5	3.27	12.1	3.14	11.7	3.01	10.9	2.77
		3.0	2.2	14.1	3.55	13.3	3.30	12.5	3.06	12.1	2.94	11.7	2.82	10.9	2.59
		5.0	4.1	14.1	3.40	13.3	3.16	12.5	2.93	12.1	2.82	11.7	2.71	10.9	2.49
		7.0	6	14.1	3.27	13.3	3.04	12.5	2.82	12.1	2.71	11.7	2.61	10.9	2.40
		9.0	7.9	14.1	3.14	13.3	2.92	12.5	2.72	12.1	2.61	11.7	2.51	10.9	2.31
		11.0	9.8	14.1	3.03	13.3	2.82	12.5	2.62	12.1	2.52	11.7	2.42	10.9	2.23
		13.0	11.8	14.1	2.91	13.3	2.72	12.5	2.52	12.1	2.43	11.7	2.34	10.9	2.16
15.0	13.7	14.1	2.81	13.3	2.62	12.5	2.44	12.1	2.35	11.7	2.26	10.9	2.09		

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**NOTE**

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

### 3 Capacity tables

#### 3 - 2 Heating capacity tables

RXYSQ4PAY1		TC: Total capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)													
Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temp. (°CWB)											
				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	11.25	-19.8	-20	10.0	4.09	10.0	4.18	10.0	4.27	10.0	4.32	10.0	4.37	9.80	4.35
		-18.8	-19	10.3	4.14	10.3	4.23	10.3	4.32	10.3	4.37	10.3	4.41	9.80	4.18
		-16.7	-17	10.9	4.23	10.9	4.32	10.9	4.40	10.9	4.44	10.5	4.25	9.80	3.88
		-14.7	-15	11.6	4.32	11.5	4.40	11.3	4.31	10.9	4.13	10.5	3.96	9.80	3.62
		-12.6	-13	12.2	4.40	12.0	4.37	11.3	4.03	10.9	3.86	10.5	3.70	9.80	3.39
		-10.5	-11	12.7	4.42	12.0	4.09	11.3	3.78	10.9	3.63	10.5	3.48	9.80	3.19
		-9.5	-10	12.7	4.28	12.0	3.97	11.3	3.67	10.9	3.52	10.5	3.38	9.80	3.09
		-8.5	-9.1	12.7	4.17	12.0	3.87	11.3	3.57	10.9	3.43	10.5	3.29	9.80	3.02
		-7.0	-7.6	12.7	3.99	12.0	3.70	11.3	3.42	10.9	3.29	10.5	3.15	9.80	2.89
		-5.0	-5.6	12.7	3.77	12.0	3.50	11.3	3.24	10.9	3.12	10.5	2.99	9.80	2.75
		-3.0	-3.7	12.7	3.59	12.0	3.33	11.3	3.09	10.9	2.97	10.5	2.85	9.80	2.62
		0.0	-0.7	12.7	3.33	12.0	3.10	11.3	2.87	10.9	2.76	10.5	2.66	9.80	2.44
		3.0	2.2	12.7	3.12	12.0	2.90	11.3	2.69	10.9	2.59	10.5	2.49	9.80	2.30
		5.0	4.1	12.7	2.99	12.0	2.79	11.3	2.59	10.9	2.49	10.5	2.40	9.80	2.21
		7.0	6	12.7	2.87	12.0	2.68	11.3	2.49	10.9	2.40	10.5	2.31	9.80	2.13
		9.0	7.9	12.7	2.77	12.0	2.58	11.3	2.40	10.9	2.31	10.5	2.22	9.80	2.05
		11.0	9.8	12.7	2.67	12.0	2.49	11.3	2.32	10.9	2.23	10.5	2.15	9.80	1.98
		13.0	11.8	12.7	2.57	12.0	2.40	11.3	2.24	10.9	2.15	10.5	2.07	9.80	1.92
15.0	13.7	12.7	2.49	12.0	2.32	11.3	2.16	10.9	2.09	10.5	2.01	9.80	1.86		
80	10.00	-19.8	-20	10.0	4.27	10.0	4.35	10.0	4.44	9.68	4.28	9.36	4.10	8.71	3.74
		-18.8	-19	10.3	4.32	10.3	4.40	10.0	4.29	9.68	4.11	9.36	3.94	8.71	3.60
		-16.7	-17	10.9	4.40	10.6	4.31	10.0	3.98	9.68	3.82	9.36	3.66	8.71	3.35
		-14.7	-15	11.3	4.33	10.6	4.01	10.0	3.71	9.68	3.56	9.36	3.41	8.71	3.13
		-12.6	-13	11.3	4.05	10.6	3.75	10.0	3.47	9.68	3.33	9.36	3.20	8.71	2.93
		-10.5	-11	11.3	3.80	10.6	3.53	10.0	3.26	9.68	3.14	9.36	3.01	8.71	2.76
		-9.5	-10	11.3	3.68	10.6	3.42	10.0	3.17	9.68	3.05	9.36	2.92	8.71	2.69
		-8.5	-9.1	11.3	3.59	10.6	3.33	10.0	3.09	9.68	2.97	9.36	2.85	8.71	2.62
		-7.0	-7.6	11.3	3.44	10.6	3.20	10.0	2.96	9.68	2.85	9.36	2.74	8.71	2.52
		-5.0	-5.6	11.3	3.26	10.6	3.03	10.0	2.81	9.68	2.70	9.36	2.60	8.71	2.39
		-3.0	-3.7	11.3	3.10	10.6	2.89	10.0	2.68	9.68	2.58	9.36	2.48	8.71	2.29
		0.0	-0.7	11.3	2.89	10.6	2.69	10.0	2.50	9.68	2.41	9.36	2.32	8.71	2.14
		3.0	2.2	11.3	2.70	10.6	2.52	10.0	2.35	9.68	2.26	9.36	2.18	8.71	2.01
		5.0	4.1	11.3	2.60	10.6	2.43	10.0	2.26	9.68	2.18	9.36	2.10	8.71	1.94
		7.0	6	11.3	2.50	10.6	2.34	10.0	2.18	9.68	2.10	9.36	2.02	8.71	1.87
		9.0	7.9	11.3	2.41	10.6	2.25	10.0	2.10	9.68	2.02	9.36	1.95	8.71	1.80
		11.0	9.8	11.3	2.33	10.6	2.18	10.0	2.03	9.68	1.96	9.36	1.89	8.71	1.75
		13.0	11.8	11.3	2.24	10.6	2.10	10.0	1.96	9.68	1.89	9.36	1.82	8.71	1.69
15.0	13.7	11.3	2.17	10.6	2.03	10.0	1.90	9.68	1.83	9.36	1.77	8.71	1.64		
70	8.75	-19.8	-20	9.87	4.39	9.31	4.07	8.75	3.76	8.47	3.61	8.19	3.46	7.63	3.17
		-18.8	-19	9.87	4.22	9.31	3.92	8.75	3.62	8.47	3.47	8.19	3.33	7.63	3.05
		-16.7	-17	9.87	3.92	9.31	3.64	8.75	3.36	8.47	3.23	8.19	3.10	7.63	2.84
		-14.7	-15	9.87	3.65	9.31	3.39	8.75	3.14	8.47	3.02	8.19	2.90	7.63	2.66
		-12.6	-13	9.87	3.42	9.31	3.18	8.75	2.95	8.47	2.83	8.19	2.72	7.63	2.50
		-10.5	-11	9.87	3.21	9.31	2.99	8.75	2.78	8.47	2.67	8.19	2.57	7.63	2.36
		-9.5	-10	9.87	3.12	9.31	2.91	8.75	2.70	8.47	2.60	8.19	2.50	7.63	2.30
		-8.5	-9.1	9.87	3.04	9.31	2.83	8.75	2.63	8.47	2.53	8.19	2.44	7.63	2.24
		-7.0	-7.6	9.87	2.92	9.31	2.72	8.75	2.53	8.47	2.43	8.19	2.34	7.63	2.16
		-5.0	-5.6	9.87	2.77	9.31	2.58	8.75	2.40	8.47	2.31	8.19	2.23	7.63	2.06
		-3.0	-3.7	9.87	2.64	9.31	2.47	8.75	2.30	8.47	2.21	8.19	2.13	7.63	1.97
		0.0	-0.7	9.87	2.46	9.31	2.30	8.75	2.15	8.47	2.07	8.19	1.99	7.63	1.84
		3.0	2.2	9.87	2.31	9.31	2.17	8.75	2.02	8.47	1.95	8.19	1.88	7.63	1.74
		5.0	4.1	9.87	2.23	9.31	2.08	8.75	1.94	8.47	1.88	8.19	1.81	7.63	1.68
		7.0	6	9.87	2.15	9.31	2.01	8.75	1.88	8.47	1.81	8.19	1.75	7.63	1.62
		9.0	7.9	9.87	2.07	9.31	1.94	8.75	1.81	8.47	1.75	8.19	1.69	7.63	1.57
		11.0	9.8	9.87	2.00	9.31	1.88	8.75	1.75	8.47	1.69	8.19	1.63	7.63	1.52
		13.0	11.8	9.87	1.93	9.31	1.81	8.75	1.70	8.47	1.64	8.19	1.58	7.63	1.47
15.0	13.7	9.87	1.87	9.31	1.76	8.75	1.65	8.47	1.59	8.19	1.53	7.63	1.43		
60	7.50	-19.8	-20	8.46	3.61	7.98	3.35	7.50	3.11	7.26	2.98	7.02	2.87	6.54	2.63
		-18.8	-19	8.46	3.47	7.98	3.23	7.50	2.99	7.26	2.88	7.02	2.76	6.54	2.54
		-16.7	-17	8.46	3.23	7.98	3.00	7.50	2.79	7.26	2.68	7.02	2.58	6.54	2.37
		-14.7	-15	8.46	3.02	7.98	2.81	7.50	2.61	7.26	2.51	7.02	2.42	6.54	2.23
		-12.6	-13	8.46	2.83	7.98	2.64	7.50	2.46	7.26	2.36	7.02	2.27	6.54	2.10
		-10.5	-11	8.46	2.67	7.98	2.49	7.50	2.32	7.26	2.23	7.02	2.15	6.54	1.99
		-9.5	-10	8.46	2.59	7.98	2.42	7.50	2.26	7.26	2.17	7.02	2.09	6.54	1.93
		-8.5	-9.1	8.46	2.53	7.98	2.36	7.50	2.20	7.26	2.12	7.02	2.04	6.54	1.89
		-7.0	-7.6	8.46	2.43	7.98	2.27	7.50	2.12	7.26	2.04	7.02	1.97	6.54	1.82
		-5.0	-5.6	8.46	2.31	7.98	2.16	7.50	2.02	7.26	1.95	7.02	1.88	6.54	1.74
		-3.0	-3.7	8.46	2.21	7.98	2.07	7.50	1.93	7.26	1.86	7.02	1.80	6.54	1.66
		0.0	-0.7	8.46	2.07	7.98	1.94	7.50	1.81	7.26	1.75	7.02	1.69	6.54	1.56
		3.0	2.2	8.46	1.95	7.98	1.83	7.50	1.71	7.26	1.65	7.02	1.59	6.54	1.48
		5.0	4.1	8.46	1.88	7.98	1.76	7.50	1.65	7.26	1.59	7.02	1.54	6.54	1.43
		7.0	6	8.46	1.81	7.98	1.70	7.50	1.59	7.26	1.54	7.02	1.49	6.54	1.38
		9.0	7.9	8.46	1.75	7.98	1.64	7.50	1.54	7.26	1.49	7.02	1.44	6.54	1.34
		11.0	9.8	8.46	1.69	7.98	1.59	7.50	1.49	7.26	1.44	7.02	1.39	6.54	1.30
		13.0	11.8	8.46	1.64	7.98	1.54	7.50	1.44	7.26	1.40	7.02	1.35	6.54	1.26
15.0	13.7	8.46	1.59	7.98	1.50	7.50	1.40	7.26	1.36	7.02	1.31	6.54	1.22		
50	6.25	-19.8	-20	7.05	2.88	6.65	2.69	6.25	2.50	6.05	2.41	5.85	2.31	5.45	2.13
		-18.8	-19	7.05	2.78	6.65	2.59	6.25	2.41	6.05	2.32	5.85	2.23	5.45	2.06
		-16.7	-17	7.05	2.59	6.65	2.42	6.25	2.25	6.05	2.17	5.85	2.09	5.45	1.93
		-14.7	-15	7.05	2.43	6.65	2.27	6.25	2.12	6.05	2.04	5.85	1.97	5.45	1.82
		-12.6	-13	7.05	2.29	6.65	2.14	6.25	2.00	6.05	1.93	5.85	1.86	5.45	1.72
		-10.5	-11	7.05	2.16	6.65	2.02	6.25	1.89	6.05	1.82	5.85	1.76	5.45	1.63
		-9.5	-10	7.05	2.10	6.65	1.97	6.25	1.84	6.05	1.78	5.85	1.71	5.45	1.59
		-8.5	-9.1	7.05	2.06	6.65	1.93	6.25	1.80	6.05	1.74	5.85	1.68	5.45	1.56
		-7.0	-7.6	7.05	1.98	6.65	1.86	6.25	1.73	6.05	1.68	5.85	1.62	5.45	1.50
		-5.0	-5.6	7.05	1.89	6.65	1.77	6.25	1.66	6.05	1.60	5.85	1.54	5.45	1.44
		-3.0	-3.7	7.05	1.81	6.65	1.70	6.25	1.59	6.05	1.54	5.85	1.48	5.45	1.38
		0.0	-0.7	7.05	1.69	6.65	1.59	6.25	1.49	6.05	1.44	5.85	1.40	5.45	1.30
		3.0	2.2	7.05	1.60	6.65	1.51	6.25	1.41	6.05	1.37	5.85	1.32	5.45	1

### 3 Capacity tables

#### 3 - 2 Heating capacity tables

RXYSQ5PAY1		TC: Total capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)															
Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temp. (°CWB)													
				16.0		18.0		20.0		21.0		22.0		24.0			
		°CDB	°CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW		
130	20.80	-19.8	-20.0	11.1	3.19	11.0	3.38	11.0	3.57	11.0	3.67	11.0	3.76	11.0	3.76	10.9	3.96
		-18.8	-19.0	11.4	3.30	11.4	3.48	11.3	3.67	11.3	3.76	11.3	3.85	11.3	3.85	11.3	4.04
		-16.7	-17.0	12.1	3.49	12.0	3.66	12.0	3.83	12.0	3.92	11.9	4.01	11.9	4.01	11.9	4.18
		-14.7	-15.0	12.7	3.66	12.7	3.82	12.6	3.99	12.6	4.07	12.6	4.15	12.6	4.15	12.6	4.32
		-12.6	-13.0	13.4	3.81	13.3	3.97	13.3	4.12	13.3	4.20	13.3	4.28	13.2	4.28	13.2	4.44
		-10.5	-11.0	14.0	3.95	14.0	4.10	14.0	4.25	13.9	4.32	13.9	4.39	13.9	4.39	13.9	4.54
		-9.5	-10.0	14.4	4.01	14.3	4.16	14.3	4.30	14.3	4.38	14.3	4.45	14.2	4.45	14.2	4.59
		-8.5	-9.1	14.7	4.07	14.6	4.21	14.6	4.35	14.6	4.42	14.5	4.50	14.5	4.50	14.5	4.64
		-7.0	-7.6	15.2	4.15	15.1	4.29	15.1	4.43	15.1	4.50	15.0	4.57	15.0	4.57	15.0	4.71
		-5.0	-5.6	15.8	4.26	15.8	4.40	15.7	4.53	15.7	4.59	15.7	4.66	15.7	4.66	15.7	4.79
		-3.0	-3.7	16.4	4.36	16.4	4.49	16.4	4.61	16.3	4.68	16.3	4.74	16.3	4.74	16.3	4.87
		0.0	-0.7	17.4	4.49	17.4	4.61	17.4	4.73	17.3	4.79	17.3	4.85	17.3	4.85	17.3	4.97
		3.0	2.2	18.4	4.61	18.3	4.73	18.3	4.84	18.3	4.90	18.3	4.95	18.3	4.95	18.1	5.02
		5.0	4.1	19.0	4.68	19.0	4.79	18.9	4.90	18.9	4.96	18.9	5.01	18.9	5.01	18.1	4.81
		7.0	6.0	19.6	4.75	19.6	4.86	19.6	4.96	19.5	5.02	19.5	5.05	19.5	5.05	18.1	4.62
		9.0	7.9	20.3	4.81	20.2	4.92	20.2	5.02	20.1	5.06	20.1	5.06	19.5	4.85	18.1	4.44
		11.0	9.8	20.9	4.87	20.8	4.97	20.8	5.07	20.1	4.87	19.5	4.67	18.1	4.28	18.1	4.28
13.0	11.8	21.5	4.93	21.5	5.03	20.8	4.87	20.1	4.68	19.5	4.49	18.1	4.12	18.1	4.12		
15.0	13.7	22.2	4.99	22.1	5.08	20.8	4.70	20.1	4.52	19.5	4.34	18.1	3.98	18.1	3.98		
120	19.20	-19.8	-20.0	11.0	3.45	11.0	3.63	11.0	3.80	10.9	3.89	10.9	3.98	10.9	3.98	10.9	4.15
		-18.8	-19.0	11.4	3.55	11.3	3.72	11.3	3.89	11.3	3.97	11.2	4.06	11.2	4.06	11.2	4.23
		-16.7	-17.0	12.0	3.72	12.0	3.88	11.9	4.04	11.9	4.12	11.9	4.21	11.9	4.21	11.9	4.37
		-14.7	-15.0	12.7	3.88	12.6	4.03	12.6	4.18	12.6	4.26	12.6	4.34	12.5	4.34	12.5	4.49
		-12.6	-13.0	13.3	4.02	13.3	4.17	13.3	4.31	13.2	4.38	13.2	4.45	13.2	4.45	13.2	4.60
		-10.5	-11.0	14.0	4.15	14.0	4.29	13.9	4.42	13.9	4.49	13.9	4.56	13.8	4.56	13.8	4.70
		-9.5	-10.0	14.3	4.21	14.3	4.34	14.2	4.48	14.2	4.54	14.2	4.61	14.2	4.61	14.2	4.75
		-8.5	-9.1	14.6	4.26	14.6	4.39	14.5	4.52	14.5	4.59	14.5	4.65	14.5	4.65	14.5	4.79
		-7.0	-7.6	15.1	4.34	15.1	4.47	15.0	4.60	15.0	4.66	15.0	4.72	15.0	4.72	15.0	4.85
		-5.0	-5.6	15.8	4.44	15.7	4.56	15.7	4.69	15.7	4.75	15.7	4.81	15.6	4.81	15.6	4.93
		-3.0	-3.7	16.4	4.53	16.4	4.65	16.3	4.76	16.3	4.82	16.3	4.88	16.3	4.88	16.3	5.00
		0.0	-0.7	17.4	4.66	17.3	4.77	17.3	4.88	17.3	4.93	17.3	4.99	17.3	4.99	16.7	4.86
		3.0	2.2	18.3	4.77	18.3	4.87	18.3	4.97	18.2	5.03	18.0	4.96	16.7	4.55	16.7	4.55
		5.0	4.1	19.0	4.83	18.9	4.93	18.9	5.03	18.6	4.96	18.0	4.76	16.7	4.36	16.7	4.36
		7.0	6.0	19.6	4.89	19.5	4.99	19.2	4.96	18.6	4.76	18.0	4.57	16.7	4.19	16.7	4.19
		9.0	7.9	20.2	4.95	20.2	5.05	19.2	4.77	18.6	4.58	18.0	4.39	16.7	4.03	16.7	4.03
		11.0	9.8	20.8	5.01	20.4	4.96	19.2	4.59	18.6	4.41	18.0	4.23	16.7	3.89	16.7	3.89
13.0	11.8	21.5	5.06	20.4	4.77	19.2	4.42	18.6	4.25	18.0	4.08	16.7	3.74	16.7	3.74		
15.0	13.7	21.7	4.95	20.4	4.60	19.2	4.26	18.6	4.10	18.0	3.94	16.7	3.62	16.7	3.62		
110	17.60	-19.8	-20.0	11.0	3.71	10.9	3.87	10.9	4.03	10.9	4.11	10.9	4.19	10.8	4.19	10.8	4.35
		-18.8	-19.0	11.3	3.80	11.3	3.95	11.2	4.11	11.2	4.19	11.2	4.27	11.2	4.27	11.2	4.42
		-16.7	-17.0	12.0	3.96	11.9	4.11	11.9	4.25	11.9	4.33	11.9	4.40	11.8	4.40	11.8	4.55
		-14.7	-15.0	12.6	4.10	12.6	4.24	12.6	4.38	12.5	4.45	12.5	4.52	12.5	4.52	12.5	4.66
		-12.6	-13.0	13.3	4.23	13.2	4.37	13.2	4.50	13.2	4.56	13.2	4.63	13.2	4.63	13.2	4.76
		-10.5	-11.0	13.9	4.35	13.9	4.48	13.9	4.60	13.9	4.67	13.8	4.73	13.8	4.73	13.8	4.86
		-9.5	-10.0	14.3	4.41	14.2	4.53	14.2	4.65	14.2	4.71	14.2	4.77	14.1	4.77	14.1	4.90
		-8.5	-9.1	14.6	4.45	14.5	4.57	14.5	4.69	14.5	4.75	14.5	4.81	14.4	4.81	14.4	4.94
		-7.0	-7.6	15.1	4.53	15.0	4.64	15.0	4.76	15.0	4.82	15.0	4.88	14.9	4.88	14.9	4.99
		-5.0	-5.6	15.7	4.62	15.7	4.73	15.7	4.84	15.6	4.90	15.6	4.95	15.3	4.95	15.3	4.94
		-3.0	-3.7	16.3	4.70	16.3	4.81	16.3	4.92	16.3	4.97	16.2	5.02	15.3	4.70	15.3	4.70
		0.0	-0.7	17.3	4.82	17.3	4.92	17.3	5.02	17.0	4.97	16.5	4.77	15.3	4.37	15.3	4.37
		3.0	2.2	18.3	4.92	18.2	5.01	17.6	4.84	17.0	4.65	16.5	4.46	15.3	4.09	15.3	4.09
		5.0	4.1	18.9	4.98	18.7	5.01	17.6	4.64	17.0	4.46	16.5	4.28	15.3	3.93	15.3	3.93
		7.0	6.0	19.5	5.04	18.7	4.81	17.6	4.45	17.0	4.28	16.5	4.11	15.3	3.78	15.3	3.78
		9.0	7.9	19.9	4.97	18.7	4.62	17.6	4.29	17.0	4.12	16.5	3.96	15.3	3.64	15.3	3.64
		11.0	9.8	19.9	4.79	18.7	4.45	17.6	4.13	17.0	3.97	16.5	3.81	15.3	3.51	15.3	3.51
13.0	11.8	19.9	4.60	18.7	4.29	17.6	3.98	17.0	3.82	16.5	3.68	15.3	3.38	15.3	3.38		
15.0	13.7	19.9	4.44	18.7	4.14	17.6	3.84	17.0	3.70	16.5	3.55	15.3	3.26	15.3	3.26		
100	16.00	-19.8	-20.0	10.9	3.97	10.9	4.11	10.9	4.26	10.9	4.33	10.8	4.41	10.8	4.41	10.8	4.55
		-18.8	-19.0	11.3	4.05	11.2	4.19	11.2	4.33	11.2	4.40	11.2	4.47	11.1	4.47	11.1	4.62
		-16.7	-17.0	11.9	4.19	11.9	4.33	11.9	4.46	11.8	4.53	11.8	4.60	11.8	4.60	11.8	4.73
		-14.7	-15.0	12.6	4.33	12.5	4.45	12.5	4.58	12.5	4.64	12.5	4.71	12.5	4.71	12.5	4.83
		-12.6	-13.0	13.2	4.44	13.2	4.56	13.2	4.69	13.2	4.75	13.1	4.81	13.1	4.81	13.1	4.93
		-10.5	-11.0	13.9	4.55	13.9	4.67	13.8	4.78	13.8	4.84	13.8	4.90	13.8	4.90	13.8	5.01
		-9.5	-10.0	14.2	4.60	14.2	4.71	14.2	4.83	14.1	4.88	14.1	4.94	13.9	4.96	13.9	4.96
		-8.5	-9.1	14.5	4.65	14.5	4.75	14.5	4.86	14.4	4.92	14.4	4.97	13.9	4.83	13.9	4.83
		-7.0	-7.6	15.0	4.71	15.0	4.82	14.9	4.93	14.9	4.98	14.9	5.03	13.9	4.63	13.9	4.63
		-5.0	-5.6	15.7	4.80	15.6	4.90	15.6	5.00	15.5	5.00	15.0	4.79	13.9	4.39	13.9	4.39
		-3.0	-3.7	16.3	4.87	16.3	4.97	16.0	4.95	15.5	4.76	15.0	4.56	13.9	4.18	13.9	4.18
		0.0	-0.7	17.3	4.98	17.0	4.97	16.0	4.60	15.5	4.42	15.0	4.24	13.9	3.89	13.9	3.89
		3.0	2.2	18.1	5.00	17.0	4.64	16.0	4.30	15.5	4.14	15.0	3.97	13.9	3.65	13.9	3.65
		5.0	4.1	18.1	4.79	17.0	4.45	16.0	4.13	15.5	3.97	15.0	3.81	13.9	3.51	13.9	3.51
		7.0	6.0	18.1	4.60	17.0	4.28	16.0	3.97	15.5	3.82	15.0	3.67	13.9	3.38	13.9	3.38
		9.0	7.9	18.1	4.42	17.0	4.12	16.0	3.82	15.5	3.68	15.0	3.54	13.9	3.26	13.9	3.26
		11.0	9.8	18.1	4.26	17.0	3.97	16.0	3.69	15.5	3.55	15.0	3.41	13.9	3.14	13.9	3.14
13.0	11.8	18.1	4.10	17.0	3.82	16.0	3.55	15.5	3.42	15.0	3.29	13.9	3.03	13.9	3.03		
15.0	13.7	18.1	3.96	17.0	3.70	16.0	3.44	15.5	3.31	15.0	3.18	13.9	2.94	13.9	2.94		

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**NOTE**

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



### 3 Capacity tables

#### 3 - 2 Heating capacity tables

RXYSQ5PAY1				TC: Total capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)											
Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temp. (°CWB)											
				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	14.40	-19.8	-20.0	10.9	4.22	10.8	4.36	10.8	4.49	10.8	4.55	10.8	4.62	10.8	4.75
		-18.8	-19.0	11.2	4.30	11.2	4.42	11.2	4.55	11.1	4.62	11.1	4.68	11.1	4.81
		-16.7	-17.0	11.9	4.43	11.8	4.55	11.8	4.67	11.8	4.73	11.8	4.79	11.8	4.91
		-14.7	-15.0	12.5	4.55	12.5	4.66	12.5	4.78	12.5	4.83	12.4	4.89	12.4	5.01
		-12.6	-13.0	13.2	4.66	13.2	4.76	13.1	4.87	13.1	4.93	13.1	4.98	12.6	4.77
		-10.5	-11.0	13.8	4.75	13.8	4.86	13.8	4.96	13.8	5.01	13.5	4.90	12.6	4.48
		-9.5	-10.0	14.2	4.80	14.1	4.90	14.1	5.00	13.9	4.96	13.5	4.75	12.6	4.36
		-8.5	-9.1	14.5	4.84	14.4	4.94	14.4	5.03	13.9	4.83	13.5	4.63	12.6	4.25
		-7.0	-7.6	15.0	4.90	14.9	5.00	14.4	4.82	13.9	4.63	13.5	4.44	12.6	4.07
		-5.0	-5.6	15.6	4.98	15.3	4.93	14.4	4.57	13.9	4.39	13.5	4.21	12.6	3.87
		-3.0	-3.7	16.2	5.04	15.3	4.69	14.4	4.35	13.9	4.18	13.5	4.01	12.6	3.69
		0.0	-0.7	16.3	4.69	15.3	4.36	14.4	4.05	13.9	3.89	13.5	3.74	12.6	3.44
		3.0	2.2	16.3	4.39	15.3	4.08	14.4	3.79	13.9	3.65	13.5	3.51	12.6	3.23
		5.0	4.1	16.3	4.21	15.3	3.92	14.4	3.64	13.9	3.51	13.5	3.37	12.6	3.11
		7.0	6.0	16.3	4.04	15.3	3.77	14.4	3.51	13.9	3.38	13.5	3.25	12.6	3.00
		9.0	7.9	16.3	3.89	15.3	3.63	14.4	3.38	13.9	3.25	13.5	3.13	12.6	2.89
		11.0	9.8	16.3	3.75	15.3	3.50	14.4	3.26	13.9	3.14	13.5	3.02	12.6	2.79
13.0	11.8	16.3	3.62	15.3	3.38	14.4	3.15	13.9	3.03	13.5	2.92	12.6	2.70		
15.0	13.7	16.3	3.50	15.3	3.27	14.4	3.05	13.9	2.94	13.5	2.83	12.6	2.62		
80	12.80	-19.8	-20.0	10.8	4.48	10.8	4.60	10.8	4.72	10.8	4.77	10.8	4.83	10.7	4.95
		-18.8	-19.0	11.2	4.55	11.1	4.66	11.1	4.77	11.1	4.83	11.1	4.89	11.1	5.00
		-16.7	-17.0	11.8	4.66	11.8	4.77	11.8	4.88	11.8	4.93	11.7	4.99	11.2	4.71
		-14.7	-15.0	12.5	4.77	12.4	4.87	12.4	4.97	12.4	5.01	12.0	4.80	11.2	4.40
		-12.6	-13.0	13.1	4.87	13.1	4.96	12.8	4.89	12.4	4.69	12.0	4.50	11.2	4.13
		-10.5	-11.0	13.8	4.95	13.6	4.96	12.8	4.60	12.4	4.41	12.0	4.24	11.2	3.89
		-9.5	-10.0	14.1	5.00	13.6	4.82	12.8	4.46	12.4	4.29	12.0	4.12	11.2	3.78
		-8.5	-9.1	14.4	5.03	13.6	4.69	12.8	4.35	12.4	4.18	12.0	4.01	11.2	3.69
		-7.0	-7.6	14.4	4.84	13.6	4.50	12.8	4.17	12.4	4.01	12.0	3.85	11.2	3.54
		-5.0	-5.6	14.4	4.58	13.6	4.27	12.8	3.96	12.4	3.81	12.0	3.66	11.2	3.37
		-3.0	-3.7	14.4	4.37	13.6	4.07	12.8	3.78	12.4	3.63	12.0	3.49	11.2	3.22
		0.0	-0.7	14.4	4.06	13.6	3.79	12.8	3.52	12.4	3.39	12.0	3.26	11.2	3.01
		3.0	2.2	14.4	3.81	13.6	3.55	12.8	3.31	12.4	3.18	12.0	3.06	11.2	2.83
		5.0	4.1	14.4	3.66	13.6	3.42	12.8	3.18	12.4	3.06	12.0	2.95	11.2	2.73
		7.0	6.0	14.4	3.52	13.6	3.29	12.8	3.06	12.4	2.95	12.0	2.84	11.2	2.63
		9.0	7.9	14.4	3.39	13.6	3.17	12.8	2.96	12.4	2.85	12.0	2.75	11.2	2.54
		11.0	9.8	14.4	3.27	13.6	3.06	12.8	2.86	12.4	2.75	12.0	2.65	11.2	2.46
13.0	11.8	14.4	3.16	13.6	2.96	12.8	2.76	12.4	2.66	12.0	2.57	11.2	2.38		
15.0	13.7	14.4	3.06	13.6	2.86	12.8	2.67	12.4	2.58	12.0	2.49	11.2	2.31		
70	11.20	-19.8	-20.0	10.8	4.74	10.8	4.84	10.7	4.94	10.7	5.00	10.5	4.87	10.7	4.46
		-18.8	-19.0	11.1	4.80	11.1	4.90	11.1	5.00	10.8	4.89	10.5	4.69	10.7	4.30
		-16.7	-17.0	11.8	4.90	11.7	4.99	11.2	4.73	10.8	4.55	10.5	4.36	10.7	4.00
		-14.7	-15.0	12.4	4.99	11.9	4.77	11.2	4.42	10.8	4.25	10.5	4.08	10.7	3.75
		-12.6	-13.0	12.6	4.81	11.9	4.48	11.2	4.15	10.8	3.99	10.5	3.83	10.7	3.52
		-10.5	-11.0	12.6	4.52	11.9	4.21	11.2	3.91	10.8	3.76	10.5	3.61	10.7	3.33
		-9.5	-10.0	12.6	4.39	11.9	4.09	11.2	3.80	10.8	3.65	10.5	3.51	10.7	3.24
		-8.5	-9.1	12.6	4.28	11.9	3.99	11.2	3.71	10.8	3.57	10.5	3.43	10.7	3.16
		-7.0	-7.6	12.6	4.11	11.9	3.83	11.2	3.56	10.8	3.43	10.5	3.30	10.7	3.04
		-5.0	-5.6	12.6	3.90	11.9	3.64	11.2	3.38	10.8	3.26	10.5	3.14	10.7	2.89
		-3.0	-3.7	12.6	3.72	11.9	3.47	11.2	3.23	10.8	3.11	10.5	3.00	10.7	2.77
		0.0	-0.7	12.6	3.47	11.9	3.24	11.2	3.02	10.8	2.91	10.5	2.80	10.7	2.59
		3.0	2.2	12.6	3.26	11.9	3.05	11.2	2.84	10.8	2.74	10.5	2.64	10.7	2.45
		5.0	4.1	12.6	3.13	11.9	2.93	11.2	2.74	10.8	2.64	10.5	2.55	10.7	2.36
		7.0	6.0	12.6	3.02	11.9	2.83	11.2	2.64	10.8	2.55	10.5	2.46	10.7	2.28
		9.0	7.9	12.6	2.91	11.9	2.73	11.2	2.55	10.8	2.46	10.5	2.38	10.7	2.21
		11.0	9.8	12.6	2.82	11.9	2.64	11.2	2.47	10.8	2.38	10.5	2.30	10.7	2.14
13.0	11.8	12.6	2.72	11.9	2.55	11.2	2.39	10.8	2.31	10.5	2.23	10.7	2.07		
15.0	13.7	12.6	2.64	11.9	2.47	11.2	2.32	10.8	2.24	10.5	2.16	10.7	2.01		
60	9.60	-19.8	-20.0	10.7	5.00	10.2	4.72	9.60	4.37	9.29	4.20	8.98	4.03	8.37	3.71
		-18.8	-19.0	10.8	4.89	10.2	4.54	9.60	4.21	9.29	4.05	8.98	3.89	8.37	3.58
		-16.7	-17.0	10.8	4.54	10.2	4.23	9.60	3.92	9.29	3.77	8.98	3.63	8.37	3.34
		-14.7	-15.0	10.8	4.25	10.2	3.96	9.60	3.67	9.29	3.54	8.98	3.40	8.37	3.13
		-12.6	-13.0	10.8	3.99	10.2	3.72	9.60	3.46	9.29	3.33	8.98	3.20	8.37	2.95
		-10.5	-11.0	10.8	3.76	10.2	3.51	9.60	3.26	9.29	3.14	8.98	3.03	8.37	2.79
		-9.5	-10.0	10.8	3.65	10.2	3.41	9.60	3.18	9.29	3.06	8.98	2.95	8.37	2.72
		-8.5	-9.1	10.8	3.56	10.2	3.33	9.60	3.10	9.29	2.99	8.98	2.88	8.37	2.66
		-7.0	-7.6	10.8	3.42	10.2	3.20	9.60	2.98	9.29	2.88	8.98	2.77	8.37	2.56
		-5.0	-5.6	10.8	3.26	10.2	3.05	9.60	2.84	9.29	2.74	8.98	2.64	8.37	2.45
		-3.0	-3.7	10.8	3.11	10.2	2.91	9.60	2.72	9.29	2.62	8.98	2.53	8.37	2.34
		0.0	-0.7	10.8	2.91	10.2	2.73	9.60	2.55	9.29	2.46	8.98	2.37	8.37	2.20
		3.0	2.2	10.8	2.74	10.2	2.57	9.60	2.40	9.29	2.32	8.98	2.24	8.37	2.08
		5.0	4.1	10.8	2.64	10.2	2.48	9.60	2.32	9.29	2.24	8.98	2.16	8.37	2.01
		7.0	6.0	10.8	2.55	10.2	2.39	9.60	2.24	9.29	2.17	8.98	2.09	8.37	1.95
		9.0	7.9	10.8	2.46	10.2	2.31	9.60	2.17	9.29	2.10	8.98	2.02	8.37	1.88
		11.0	9.8	10.8	2.38	10.2	2.24	9.60	2.10	9.29	2.03	8.98	1.96	8.37	1.83
13.0	11.8	10.8	2.31	10.2	2.17	9.60	2.03	9.29	1.97	8.98	1.90	8.37	1.77		
15.0	13.7	10.8	2.24	10.2	2.10	9.60	1.98	9.29	1.91	8.98	1.85	8.37	1.72		
50	8.00	-19.8	-20.0	9.03	4.06	8.51	3.78	8.00	3.52	7.74	3.39	7.49	3.26	6.97	3.00
		-18.8	-19.0	9.03	3.91	8.51	3.65	8.00	3.39	7.74	3.27	7.49	3.14	6.97	2.90
		-16.7	-17.0	9.03	3.65	8.51	3.41	8.00	3.17	7.74	3.06	7.49	2.94	6.97	2.72
		-14.7	-15.0	9.03	3.42	8.51	3.20	8.00	2.98	7.74	2.87	7.49	2.77	6.97	2.56
		-12.6	-13.0	9.03	3.22	8.51	3.01	8.00	2.81	7.74	2.71	7.49	2.61	6.97	2.42
		-10.5	-11.0	9.03	3.04	8.51	2.85	8.00	2.66	7.74	2.57	7.49	2.48	6.97	2.29
		-9.5	-10.0	9.03	2.96	8.51	2.77	8.00	2.59	7.74	2.50	7.49	2.41	6.97	2.24
		-8.5	-9.1	9.03	2.89	8.51	2.71	8.00	2.53	7.74	2.45	7.49	2.36	6.97	2.19
		-7.0	-7.6	9.03	2.79	8.51	2.61	8.00	2.44	7.74	2.36	7.49	2.28	6.97	2.11
		-5.0	-5.6	9.03	2.66	8.51	2.49	8.00	2.33	7.74	2.25	7.49	2.17	6.97	2.02
		-3.0	-3.7	9.03	2.54	8.51	2.39	8.00	2.24	7.74	2.16	7.49	2.09	6.97	1.94
		0.0	-0.7	9.03	2.39	8.51	2.24	8.00	2.10	7.74	2.03	7.49	1.96	6.97	1.83
		3.0													

### 3 Capacity tables

#### 3 - 2 Heating capacity tables

RXYSQ6PAY1		TC: Total capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)													
Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temp. (°CWB)											
				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	23.40	-19.8	-20.0	11.3	2.89	11.3	3.11	11.2	3.34	11.2	3.45	11.2	3.56	11.1	3.79
		-18.8	-19.0	11.6	3.01	11.6	3.23	11.6	3.45	11.5	3.56	11.5	3.67	11.5	3.89
		-16.7	-17.0	12.3	3.23	12.3	3.44	12.2	3.65	12.2	3.75	12.2	3.85	12.1	4.06
		-14.7	-15.0	13.0	3.43	12.9	3.63	12.9	3.82	12.9	3.92	12.8	4.02	12.8	4.22
		-12.6	-13.0	13.6	3.61	13.6	3.80	13.6	3.99	13.5	4.08	13.5	4.17	13.5	4.36
		-10.5	-11.0	14.3	3.78	14.3	3.95	14.2	4.13	14.2	4.22	14.2	4.31	14.1	4.48
		-9.5	-10.0	14.6	3.85	14.6	4.03	14.6	4.20	14.5	4.28	14.5	4.37	14.5	4.54
		-8.5	-9.1	14.9	3.92	14.9	4.09	14.9	4.26	14.8	4.34	14.8	4.43	14.8	4.59
		-7.0	-7.6	15.4	4.02	15.4	4.19	15.4	4.35	15.3	4.43	15.3	4.51	15.3	4.67
		-5.0	-5.6	16.1	4.15	16.1	4.31	16.0	4.46	16.0	4.54	16.0	4.62	15.9	4.77
		-3.0	-3.7	16.7	4.26	16.7	4.41	16.7	4.56	16.6	4.64	16.6	4.71	16.6	4.86
		0.0	-0.7	17.7	4.42	17.7	4.56	17.7	4.70	17.6	4.78	17.6	4.85	17.6	4.99
		3.0	2.2	18.7	4.56	18.7	4.69	18.6	4.83	18.6	4.90	18.6	4.96	18.5	5.10
		5.0	4.1	19.3	4.64	19.3	4.77	19.3	4.90	19.2	4.97	19.2	5.03	19.2	5.16
		7.0	6.0	20.0	4.72	19.9	4.85	19.9	4.97	19.9	5.04	19.9	5.10	19.8	5.22
		9.0	7.9	20.6	4.80	20.6	4.92	20.5	5.04	20.5	5.10	20.5	5.16	20.4	5.26
		11.0	9.8	21.3	4.87	21.2	4.98	21.2	5.10	21.1	5.16	21.1	5.22	21.0	5.30
13.0	11.8	21.9	4.94	21.9	5.05	21.8	5.16	21.8	5.22	21.8	5.28	21.7	5.36		
15.0	13.7	22.6	5.00	22.5	5.11	22.5	5.22	22.4	5.27	22.4	5.33	22.3	5.41		
120	21.60	-19.8	-20.0	11.2	3.19	11.2	3.40	11.2	3.61	11.2	3.71	11.1	3.82	11.1	4.03
		-18.8	-19.0	11.6	3.30	11.5	3.51	11.5	3.71	11.5	3.81	11.5	3.91	11.4	4.11
		-16.7	-17.0	12.2	3.51	12.2	3.70	12.2	3.89	12.2	3.99	12.1	4.08	12.1	4.28
		-14.7	-15.0	12.9	3.70	12.9	3.88	12.8	4.06	12.8	4.15	12.8	4.24	12.8	4.42
		-12.6	-13.0	13.6	3.86	13.5	4.04	13.5	4.21	13.5	4.29	13.5	4.38	13.4	4.55
		-10.5	-11.0	14.3	4.02	14.2	4.18	14.2	4.34	14.2	4.42	14.1	4.51	14.1	4.67
		-9.5	-10.0	14.6	4.09	14.5	4.25	14.5	4.40	14.5	4.48	14.5	4.56	14.4	4.72
		-8.5	-9.1	14.9	4.15	14.8	4.30	14.8	4.46	14.8	4.54	14.8	4.61	14.7	4.77
		-7.0	-7.6	15.4	4.24	15.3	4.39	15.3	4.54	15.3	4.62	15.3	4.69	15.2	4.85
		-5.0	-5.6	16.1	4.36	16.0	4.50	16.0	4.65	16.0	4.72	15.9	4.79	15.9	4.94
		-3.0	-3.7	16.7	4.46	16.6	4.60	16.6	4.74	16.6	4.81	16.6	4.88	16.5	5.02
		0.0	-0.7	17.7	4.61	17.7	4.74	17.6	4.87	17.6	4.94	17.6	5.00	17.5	5.14
		3.0	2.2	18.7	4.74	18.6	4.87	18.6	4.99	18.6	5.05	18.5	5.11	18.5	5.24
		5.0	4.1	19.3	4.82	19.3	4.94	19.2	5.06	19.2	5.12	19.2	5.18	18.8	5.16
		7.0	6.0	19.9	4.89	19.9	5.01	19.9	5.12	19.8	5.18	19.8	5.24	18.8	4.96
		9.0	7.9	20.6	4.96	20.5	5.07	20.5	5.19	20.5	5.24	20.2	5.20	18.8	4.77
		11.0	9.8	21.2	5.03	21.2	5.13	21.1	5.24	20.9	5.22	20.2	5.01	18.8	4.60
13.0	11.8	21.9	5.09	21.8	5.19	21.6	5.23	20.9	5.03	20.2	4.83	18.8	4.43		
15.0	13.7	22.5	5.15	22.5	5.25	21.6	5.05	20.9	4.85	20.2	4.66	18.8	4.29		
110	19.80	-19.8	-20.0	11.2	3.50	11.2	3.69	11.1	3.88	11.1	3.97	11.1	4.07	11.1	4.26
		-18.8	-19.0	11.5	3.60	11.5	3.79	11.5	3.97	11.4	4.06	11.4	4.16	11.4	4.34
		-16.7	-17.0	12.2	3.79	12.2	3.97	12.1	4.14	12.1	4.23	12.1	4.32	12.1	4.49
		-14.7	-15.0	12.9	3.96	12.8	4.13	12.8	4.29	12.8	4.38	12.8	4.46	12.7	4.62
		-12.6	-13.0	13.5	4.12	13.5	4.27	13.5	4.43	13.4	4.51	13.4	4.59	13.4	4.74
		-10.5	-11.0	14.2	4.25	14.2	4.40	14.1	4.55	14.1	4.63	14.1	4.70	14.1	4.85
		-9.5	-10.0	14.5	4.32	14.5	4.47	14.5	4.61	14.4	4.68	14.4	4.76	14.4	4.90
		-8.5	-9.1	14.8	4.37	14.8	4.52	14.8	4.66	14.7	4.73	14.7	4.80	14.7	4.95
		-7.0	-7.6	15.3	4.46	15.3	4.60	15.3	4.74	15.2	4.81	15.2	4.88	15.2	5.02
		-5.0	-5.6	16.0	4.57	16.0	4.70	15.9	4.84	15.9	4.90	15.9	4.97	15.9	5.10
		-3.0	-3.7	16.6	4.67	16.6	4.79	16.6	4.92	16.5	4.98	16.5	5.05	16.5	5.18
		0.0	-0.7	17.6	4.80	17.6	4.92	17.6	5.04	17.5	5.10	17.5	5.16	17.3	5.17
		3.0	2.2	18.6	4.92	18.6	5.04	18.5	5.15	18.5	5.21	18.5	5.26	17.3	4.84
		5.0	4.1	19.2	4.99	19.2	5.10	19.2	5.21	19.1	5.27	18.5	5.06	17.3	4.65
		7.0	6.0	19.9	5.06	19.8	5.17	19.8	5.27	19.2	5.07	18.5	4.87	17.3	4.47
		9.0	7.9	20.5	5.12	20.5	5.23	19.8	5.07	19.2	4.88	18.5	4.68	17.3	4.31
		11.0	9.8	21.1	5.18	21.1	5.27	19.8	4.89	19.2	4.70	18.5	4.52	17.3	4.15
13.0	11.8	21.8	5.24	21.1	5.07	19.8	4.71	19.2	4.53	18.5	4.35	17.3	4.01		
15.0	13.7	22.3	5.26	21.1	4.90	19.8	4.55	19.2	4.38	18.5	4.21	17.3	3.87		
100	18.00	-19.8	-20.0	11.1	3.80	11.1	3.98	11.1	4.15	11.1	4.24	11.0	4.32	11.0	4.50
		-18.8	-19.0	11.5	3.90	11.4	4.07	11.4	4.23	11.4	4.32	11.4	4.40	11.3	4.57
		-16.7	-17.0	12.1	4.07	12.1	4.23	12.1	4.39	12.1	4.47	12.0	4.55	12.0	4.71
		-14.7	-15.0	12.8	4.23	12.8	4.38	12.7	4.53	12.7	4.60	12.7	4.68	12.7	4.83
		-12.6	-13.0	13.5	4.37	13.4	4.51	13.4	4.65	13.4	4.72	13.4	4.79	13.3	4.94
		-10.5	-11.0	14.1	4.49	14.1	4.63	14.1	4.76	14.1	4.83	14.0	4.90	14.0	5.04
		-9.5	-10.0	14.5	4.55	14.4	4.68	14.4	4.82	14.4	4.88	14.4	4.95	14.3	5.08
		-8.5	-9.1	14.8	4.60	14.7	4.73	14.7	4.86	14.7	4.93	14.7	4.99	14.6	5.12
		-7.0	-7.6	15.3	4.68	15.2	4.81	15.2	4.93	15.2	5.00	15.2	5.06	15.1	5.19
		-5.0	-5.6	15.9	4.78	15.9	4.90	15.9	5.02	15.9	5.08	15.8	5.14	15.7	5.20
		-3.0	-3.7	16.6	4.87	16.5	4.99	16.5	5.10	16.5	5.16	16.5	5.22	15.7	4.95
		0.0	-0.7	17.6	5.00	17.5	5.10	17.5	5.21	17.4	5.27	17.4	5.33	17.3	5.47
		3.0	2.2	18.5	5.10	18.5	5.21	18.0	5.09	17.4	4.90	16.8	4.70	15.7	4.32
		5.0	4.1	19.2	5.17	19.1	5.27	18.0	4.89	17.4	4.70	16.8	4.52	15.7	4.15
		7.0	6.0	19.8	5.23	19.2	5.07	18.0	4.70	17.4	4.52	16.8	4.34	15.7	4.00
		9.0	7.9	20.3	5.23	19.2	4.87	18.0	4.53	17.4	4.35	16.8	4.19	15.7	3.86
		11.0	9.8	20.3	5.04	19.2	4.70	18.0	4.36	17.4	4.20	16.8	4.04	15.7	3.72
13.0	11.8	20.3	4.85	19.2	4.53	18.0	4.21	17.4	4.05	16.8	3.90	15.7	3.59		
15.0	13.7	20.3	4.69	19.2	4.37	18.0	4.07	17.4	3.92	16.8	3.77	15.7	3.48		

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**NOTE**

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

### 3 Capacity tables

#### 3 - 2 Heating capacity tables

RXYSQ6PAY1				TC: Total capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)											
Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temp. (°CWB)											
		°CDB	°CWB	16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	16.20	-19.8	-20.0	11.1	4.11	11.1	4.26	11.0	4.42	11.0	4.50	11.0	4.58	11.0	4.73
		-18.8	-19.0	11.4	4.19	11.4	4.34	11.4	4.50	11.3	4.57	11.3	4.65	11.3	4.80
		-16.7	-17.0	12.1	4.35	12.1	4.49	12.0	4.64	12.0	4.71	12.0	4.78	12.0	4.92
		-14.7	-15.0	12.7	4.49	12.7	4.63	12.7	4.76	12.7	4.83	12.7	4.90	12.6	5.03
		-12.6	-13.0	13.4	4.62	13.4	4.75	13.4	4.87	13.3	4.94	13.3	5.00	13.3	5.13
		-10.5	-11.0	14.1	4.73	14.1	4.85	14.0	4.98	14.0	5.04	14.0	5.10	14.0	5.22
		-9.5	-10.0	14.4	4.79	14.4	4.90	14.4	5.02	14.3	5.08	14.3	5.14	14.1	5.16
		-8.5	-9.1	14.7	4.83	14.7	4.95	14.7	5.06	14.6	5.12	14.6	5.18	14.1	5.03
		-7.0	-7.6	15.2	4.90	15.2	5.02	15.2	5.13	15.1	5.19	15.1	5.24	14.1	4.82
		-5.0	-5.6	15.9	4.99	15.9	5.10	15.8	5.21	15.7	5.19	15.2	4.99	14.1	4.58
		-3.0	-3.7	16.5	5.07	16.5	5.18	16.2	5.15	15.7	4.95	15.2	4.75	14.1	4.37
		0.0	-0.7	17.5	5.19	17.2	5.17	16.2	4.79	15.7	4.61	15.2	4.43	14.1	4.07
		3.0	2.2	18.3	5.19	17.2	4.84	16.2	4.49	15.7	4.32	15.2	4.15	14.1	3.83
		5.0	4.1	18.3	4.98	17.2	4.64	16.2	4.31	15.7	4.15	15.2	3.99	14.1	3.68
		7.0	6.0	18.3	4.79	17.2	4.47	16.2	4.15	15.7	4.00	15.2	3.84	14.1	3.55
		9.0	7.9	18.3	4.61	17.2	4.30	16.2	4.00	15.7	3.85	15.2	3.71	14.1	3.42
		11.0	9.8	18.3	4.44	17.2	4.15	16.2	3.86	15.7	3.72	15.2	3.58	14.1	3.31
13.0	11.8	18.3	4.28	17.2	4.00	16.2	3.73	15.7	3.59	15.2	3.46	14.1	3.20		
15.0	13.7	18.3	4.14	17.2	3.87	16.2	3.61	15.7	3.48	15.2	3.35	14.1	3.10		
80	14.40	-19.8	-20.0	11.0	4.41	11.0	4.55	11.0	4.69	11.0	4.76	10.9	4.83	10.9	4.97
		-18.8	-19.0	11.4	4.49	11.3	4.62	11.3	4.76	11.3	4.83	11.3	4.89	11.3	5.03
		-16.7	-17.0	12.0	4.63	12.0	4.76	12.0	4.88	12.0	4.95	11.9	5.01	11.9	5.14
		-14.7	-15.0	12.7	4.75	12.7	4.87	12.6	5.00	12.6	5.06	12.6	5.12	12.6	5.21
		-12.6	-13.0	13.4	4.87	13.3	4.98	13.3	5.10	13.3	5.15	13.3	5.21	12.6	4.89
		-10.5	-11.0	14.0	4.97	14.0	5.08	14.0	5.19	13.9	5.23	13.5	5.02	12.6	4.60
		-9.5	-10.0	14.4	5.02	14.3	5.12	14.3	5.23	13.9	5.08	13.5	4.87	12.6	4.48
		-8.5	-9.1	14.7	5.06	14.6	5.16	14.4	5.15	13.9	4.95	13.5	4.75	12.6	4.37
		-7.0	-7.6	15.2	5.12	15.1	5.22	14.4	4.94	13.9	4.75	13.5	4.56	12.6	4.19
		-5.0	-5.6	15.8	5.20	15.3	5.05	14.4	4.69	13.9	4.51	13.5	4.33	12.6	3.99
		-3.0	-3.7	16.3	5.17	15.3	4.81	14.4	4.47	13.9	4.30	13.5	4.13	12.6	3.81
		0.0	-0.7	16.3	4.81	15.3	4.48	14.4	4.17	13.9	4.01	13.5	3.86	12.6	3.56
		3.0	2.2	16.3	4.51	15.3	4.21	14.4	3.91	13.9	3.77	13.5	3.63	12.6	3.35
		5.0	4.1	16.3	4.33	15.3	4.04	14.4	3.76	13.9	3.63	13.5	3.49	12.6	3.23
		7.0	6.0	16.3	4.17	15.3	3.89	14.4	3.63	13.9	3.50	13.5	3.37	12.6	3.11
		9.0	7.9	16.3	4.02	15.3	3.75	14.4	3.50	13.9	3.37	13.5	3.25	12.6	3.01
		11.0	9.8	16.3	3.88	15.3	3.63	14.4	3.38	13.9	3.26	13.5	3.14	12.6	2.91
13.0	11.8	16.3	3.74	15.3	3.50	14.4	3.27	13.9	3.15	13.5	3.04	12.6	2.81		
15.0	13.7	16.3	3.62	15.3	3.39	14.4	3.16	13.9	3.05	13.5	2.94	12.6	2.73		
70	12.60	-19.8	-20.0	11.0	4.72	10.9	4.84	10.9	4.96	10.9	5.02	10.9	5.08	10.9	5.20
		-18.8	-19.0	11.3	4.78	11.3	4.90	11.3	5.02	11.2	5.08	11.2	5.14	11.0	5.09
		-16.7	-17.0	12.0	4.91	11.9	5.02	11.9	5.13	11.9	5.19	11.8	5.17	11.0	4.74
		-14.7	-15.0	12.6	5.02	12.6	5.12	12.6	5.23	12.2	5.03	11.8	4.83	11.0	4.44
		-12.6	-13.0	13.3	5.12	13.3	5.22	12.6	4.91	12.2	4.72	11.8	4.54	11.0	4.17
		-10.5	-11.0	14.0	5.21	13.4	4.99	12.6	4.63	12.2	4.45	11.8	4.28	11.0	3.94
		-9.5	-10.0	14.2	5.20	13.4	4.84	12.6	4.50	12.2	4.33	11.8	4.16	11.0	3.83
		-8.5	-9.1	14.2	5.07	13.4	4.72	12.6	4.39	12.2	4.22	11.8	4.06	11.0	3.74
		-7.0	-7.6	14.2	4.86	13.4	4.54	12.6	4.21	12.2	4.06	11.8	3.90	11.0	3.60
		-5.0	-5.6	14.2	4.62	13.4	4.31	12.6	4.01	12.2	3.86	11.8	3.71	11.0	3.43
		-3.0	-3.7	14.2	4.40	13.4	4.11	12.6	3.83	12.2	3.69	11.8	3.55	11.0	3.28
		0.0	-0.7	14.2	4.11	13.4	3.84	12.6	3.58	12.2	3.45	11.8	3.32	11.0	3.07
		3.0	2.2	14.2	3.86	13.4	3.61	12.6	3.37	12.2	3.25	11.8	3.13	11.0	2.90
		5.0	4.1	14.2	3.71	13.4	3.47	12.6	3.24	12.2	3.13	11.8	3.01	11.0	2.79
		7.0	6.0	14.2	3.58	13.4	3.35	12.6	3.13	12.2	3.02	11.8	2.91	11.0	2.70
		9.0	7.9	14.2	3.45	13.4	3.23	12.6	3.02	12.2	2.92	11.8	2.81	11.0	2.61
		11.0	9.8	14.2	3.33	13.4	3.13	12.6	2.92	12.2	2.82	11.8	2.72	11.0	2.53
13.0	11.8	14.2	3.22	13.4	3.02	12.6	2.83	12.2	2.73	11.8	2.64	11.0	2.45		
15.0	13.7	14.2	3.12	13.4	2.93	12.6	2.74	12.2	2.65	11.8	2.56	11.0	2.38		
60	10.80	-19.8	-20.0	10.9	5.02	10.9	5.13	10.8	5.18	10.5	4.97	10.1	4.78	9.41	4.39
		-18.8	-19.0	11.2	5.08	11.2	5.18	10.8	4.99	10.5	4.79	10.1	4.60	9.41	4.23
		-16.7	-17.0	11.9	5.19	11.5	5.01	10.8	4.65	10.5	4.47	10.1	4.29	9.41	3.95
		-14.7	-15.0	12.2	5.03	11.5	4.68	10.8	4.35	10.5	4.19	10.1	4.03	9.41	3.71
		-12.6	-13.0	12.2	4.72	11.5	4.40	10.8	4.09	10.5	3.94	10.1	3.79	9.41	3.50
		-10.5	-11.0	12.2	4.45	11.5	4.15	10.8	3.86	10.5	3.72	10.1	3.58	9.41	3.31
		-9.5	-10.0	12.2	4.32	11.5	4.04	10.8	3.76	10.5	3.62	10.1	3.49	9.41	3.22
		-8.5	-9.1	12.2	4.22	11.5	3.94	10.8	3.67	10.5	3.54	10.1	3.41	9.41	3.15
		-7.0	-7.6	12.2	4.05	11.5	3.79	10.8	3.53	10.5	3.40	10.1	3.28	9.41	3.03
		-5.0	-5.6	12.2	3.86	11.5	3.61	10.8	3.36	10.5	3.24	10.1	3.13	9.41	2.89
		-3.0	-3.7	12.2	3.68	11.5	3.45	10.8	3.22	10.5	3.11	10.1	2.99	9.41	2.77
		0.0	-0.7	12.2	3.45	11.5	3.23	10.8	3.02	10.5	2.91	10.1	2.81	9.41	2.61
		3.0	2.2	12.2	3.24	11.5	3.04	10.8	2.85	10.5	2.75	10.1	2.65	9.41	2.46
		5.0	4.1	12.2	3.13	11.5	2.93	10.8	2.75	10.5	2.65	10.1	2.56	9.41	2.38
		7.0	6.0	12.2	3.02	11.5	2.83	10.8	2.65	10.5	2.56	10.1	2.48	9.41	2.30
		9.0	7.9	12.2	2.91	11.5	2.74	10.8	2.57	10.5	2.48	10.1	2.40	9.41	2.23
		11.0	9.8	12.2	2.82	11.5	2.65	10.8	2.49	10.5	2.40	10.1	2.32	9.41	2.16
13.0	11.8	12.2	2.73	11.5	2.57	10.8	2.41	10.5	2.33	10.1	2.25	9.41	2.10		
15.0	13.7	12.2	2.65	11.5	2.49	10.8	2.34	10.5	2.26	10.1	2.19	9.41	2.04		
50	9.00	-19.8	-20.0	10.2	4.81	9.58	4.48	9.00	4.16	8.71	4.01	8.42	3.86	7.84	3.56
		-18.8	-19.0	10.2	4.63	9.58	4.32	9.00	4.02	8.71	3.87	8.42	3.72	7.84	3.44
		-16.7	-17.0	10.2	4.32	9.58	4.03	9.00	3.76	8.71	3.62	8.42	3.48	7.84	3.22
		-14.7	-15.0	10.2	4.05	9.58	3.78	9.00	3.53	8.71	3.40	8.42	3.28	7.84	3.03
		-12.6	-13.0	10.2	3.81	9.58	3.57	9.00	3.33	8.71	3.21	8.42	3.09	7.84	2.86
		-10.5	-11.0	10.2	3.60	9.58	3.37	9.00	3.15	8.71	3.04	8.42	2.93	7.84	2.72
		-9.5	-10.0	10.2	3.51	9.58	3.29	9.00	3.07	8.71	2.96	8.42	2.86	7.84	2.65
		-8.5	-9.1	10.2	3.43	9.58	3.21	9.00	3.00	8.71	2.90	8.42	2.79	7.84	2.59
		-7.0	-7.6	10.2	3.30	9.58	3.09	9.00	2.89	8.71	2.79	8.42	2.69	7.84	2.50
		-5.0	-5.6	10.2	3.14	9.58	2.95	9.00	2.76	8.71	2.67	8.42	2.57	7.84	2.39
		-3.0	-3.7	10.2	3.01	9.58	2.83	9.00	2.65	8.71	2.56	8.42	2.47	7.84	2.30
		0.0	-0.7	10.2	2.82	9.58	2.65	9.00	2.49	8.71	2.41	8.42	2.33	7.84	2.17

## 4 Dimensional drawing & centre of gravity

### 4 - 1 Dimensional drawing

**RXYSQ-PAV1/PAY1**

Hole for anchor  
bolt 4-M12

MODEL	A
RXYSQ4PA7V1B	Ø15.9 FLARE
RXYSQ5PA7V1B	Ø15.9 FLARE
RXYSQ6PA7V1B	Ø19.1 BRAZING
RXYSQ4PA7Y1B	Ø15.9 FLARE
RXYSQ5PA7Y1B	Ø15.9 FLARE
RXYSQ6PA7Y1B	Ø19.1 BRAZING

1	Gas pipe connection A
2	Liquid connection pipe Ø9.5 flare
3	Service Port (in the unit) (2x)
4	Electronic connection and grounding terminal M5 (in switch box)
5	Refrigerant piping intake
6	Power supply wiring intake (knock hole Ø34)
7	Control wiring intake (knock hole Ø27)
8	Drain outlet

3TW30374-1

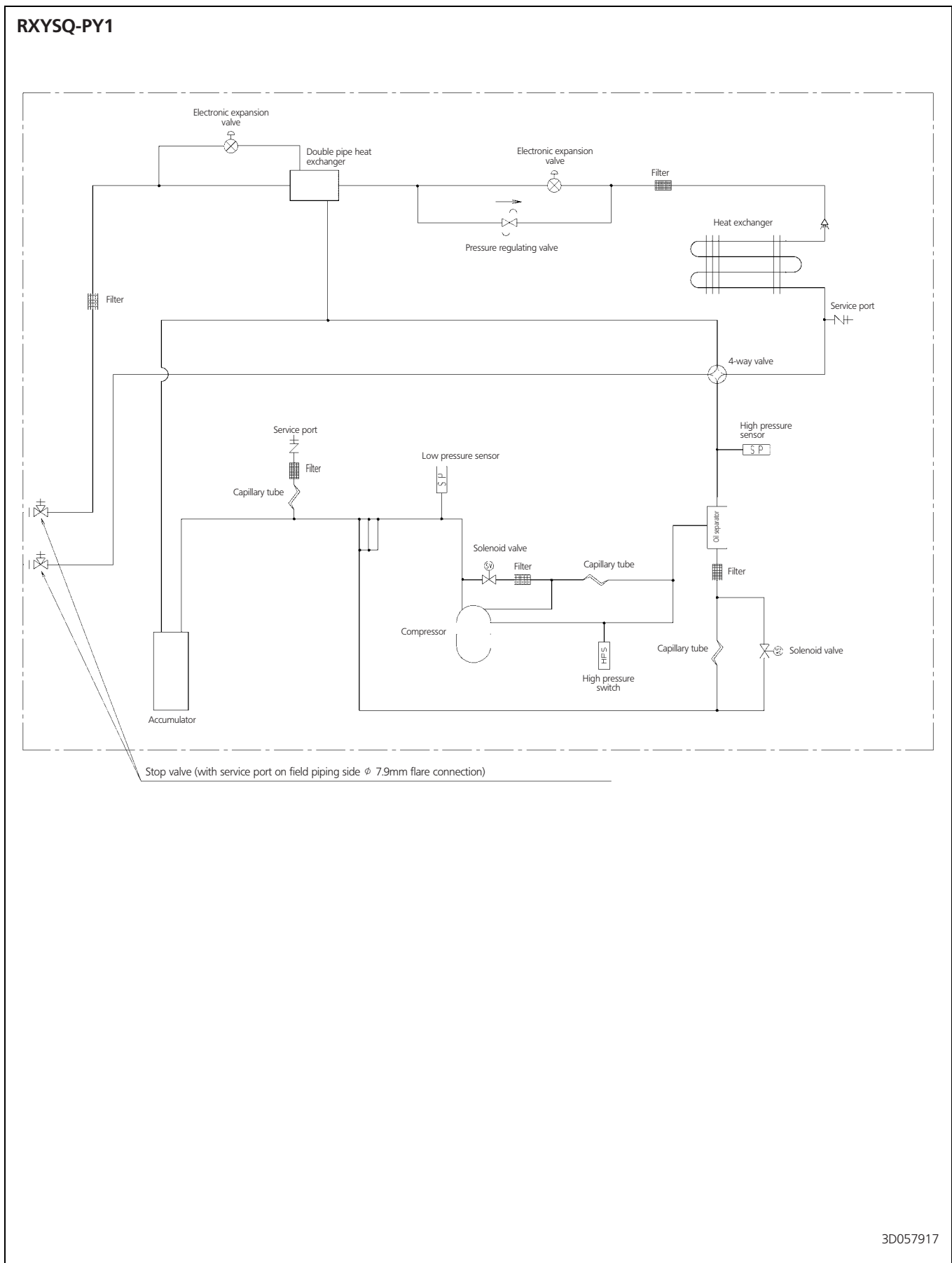
### 4 - 2 Centre of gravity

**RXYSQ-PY1**

The position of foundation bolt

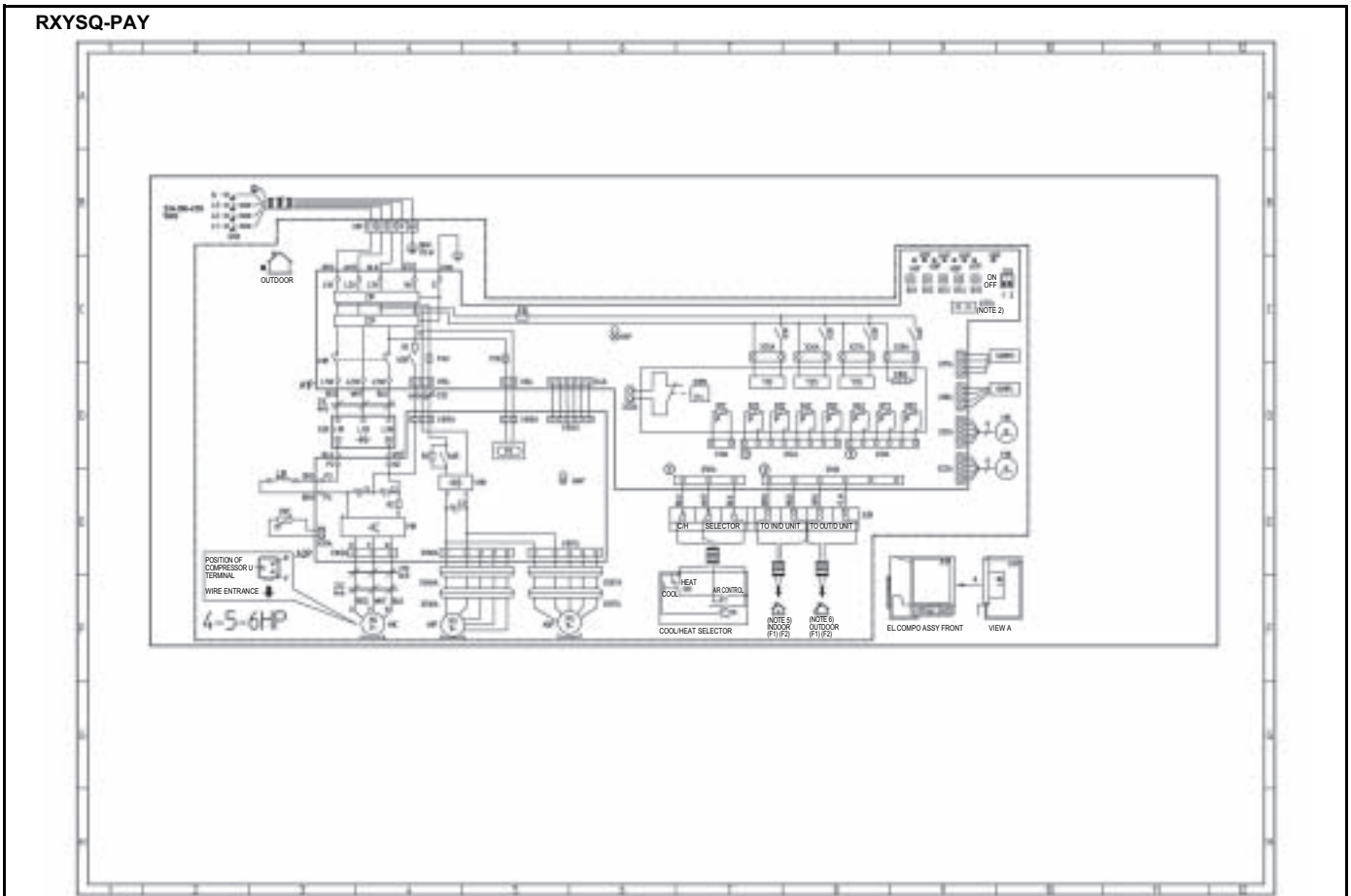
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# 5 Piping diagram



# 6 Wiring diagram

## 6 - 1 Wiring diagram



Cool/heat selector		HAP	Light emitting diode (service monitor green)	R4T	Thermistor (Subcool)	
S1S	Selector switch (fan / cool - heat)	(A1P)		R5T	Thermistor (Suction 2)	
S2S	Selector switch (cool - heat)	HAP	Light emitting diode (service monitor green)	R6T	Thermistor (Heat exchanger)	
		(A1P)		R7T	Thermistor (Liquid 1)	
Connector of option adaptor		K1M(A1P)	Magnetic contactor	R8T	Thermistor (Liquid 2)	
X37A	Connector	K1R	Magnetic relay (Y1S)	R9T	Thermistor (Power module)	
(NOTE4)	(Option adaptor power supply)	K2R	Magnetic relay (Y2S)	S1NPH	Pressure sensor (High)	
		K3R	Magnetic relay (Y3S)	S1NPL	Pressure sensor (Low)	
L1-RED	L2-WHT	L3-BLK	N-BLU	K4R	Magnetic relay (E1HC)	
A1P	Printed circuit board (main)		K5R,K6R	Magnetic relay	S1PH	Pressure switch (High)
A2P	Printed circuit board (inv.)		L1R	Reactor	V1R	Power module
BS1~BS5	Push button switch (Mode, set, return, test, reset)		M1C	Motor (compressor)	V2R, V3R	Diode module
C1~C3	Capacitor		M1F	Motor (Fan) (Upper)	X1M	Terminal strip (Power supply)
DS1-1	[H2P]	Dip switch	M2F	Motor (Fan) (Lower)	X2M	Terminal strip (Control) (C/H selector)
DS1-2	[H2P]	Dip switch	PS	Switching power supply	Y1E	Electronic expansion valve (Main)
E1HC	Crankcase heater		Q1DI	Field earth leakage breaker (300mA)	Y3E	Electronic expansion valve (Subcool)
F1,3,4U (A1P)	Fuse (T 6,3A / 250V)		R1(A1P)	Resistor	Y1S	Solenoid valve (4 way valve)
			R1(A2P)	Resistor	Y2S	Solenoid valve (hot gas)
			R2(A2P)	Resistor	Y3S	Solenoid valve (U/L circuit)
H1P~H8P	Light emit.diode (serv. monitor orange) prepare, test ----- Flickering malfunction detection ----- Light Up		R1T	Thermistor (Air)	Z1C~Z4C	Noise filter (Ferrite core)
			R2T	Thermistor (M1C discharge)	Z1F	Noise filter (with surge absorber)
			R3T	Thermistor (Suction 1)	Z2F	Noise filter

- |  |                     |   |                          |                     |            |
|--|---------------------|---|--------------------------|---------------------|------------|
|  | : Terminal Strip    |   | : Protective earth screw | Kleuren: BLK: Zwart | RED: Rood  |
|  | : Connector         |   | : Functional earthing    | BLU: Blauw          | WHT: Wit   |
|  | : Terminal          |   | : Field wiring           | BRN: Bruin          | YLW: Geel  |
|  | : Movable connector | L | : Live                   | ORG: Oranje         | GRN: Groen |
|  | : Fixed connector   | N | : Neutral                |                     |            |

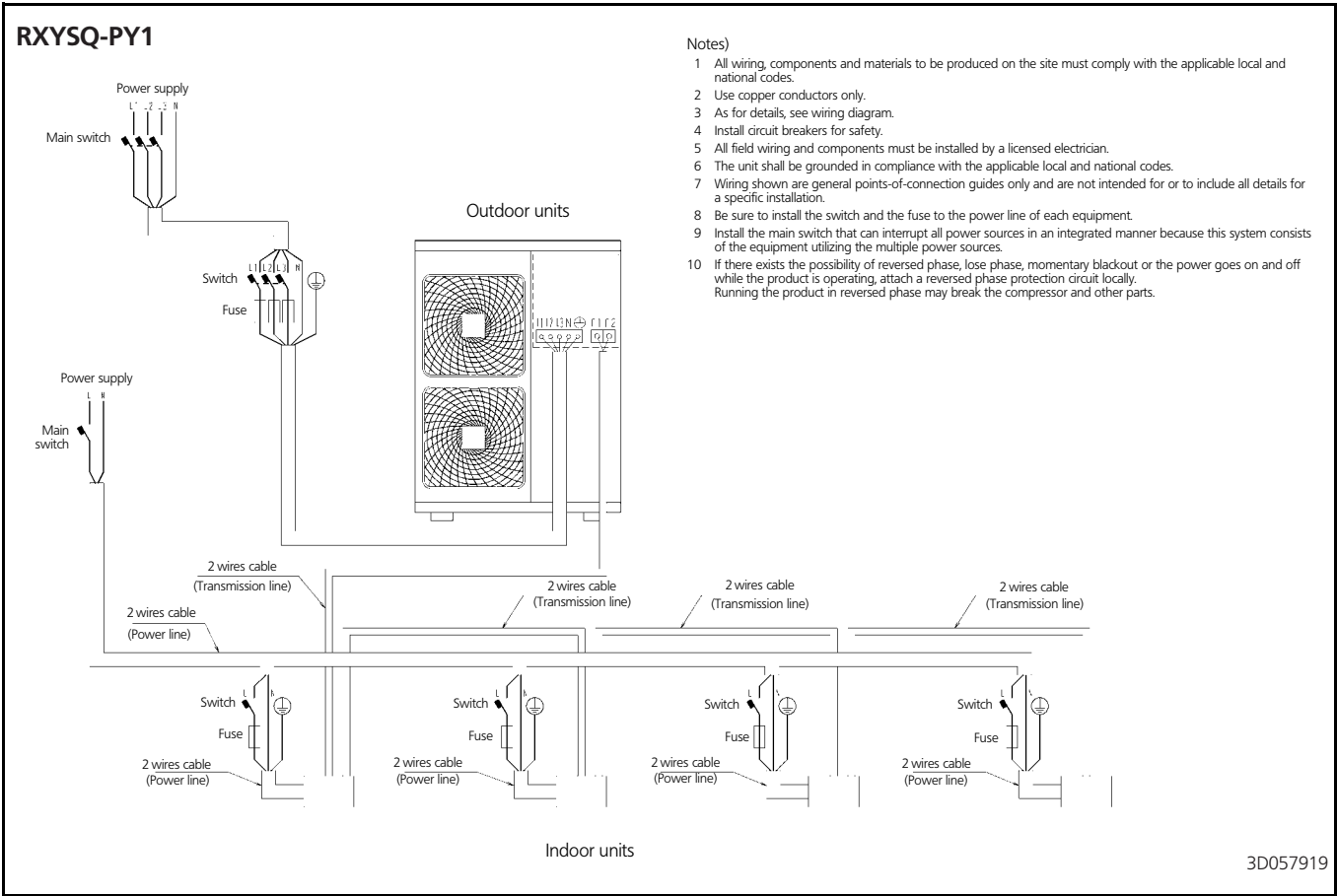
2TW29226-1B

### 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 installation or service manual on how to use BS1~BS5 push button switch and DS1-1~DS1-2 Dip switch
- 4 Do not operate the unit by short-circuiting protection device S1PH
- 5 Refer to the installation manual for connection wiring to indoor - outdoor transmission F1-F2.
- 6 When using the central control system, connect outdoor - outdoor transmission F1 - F2.

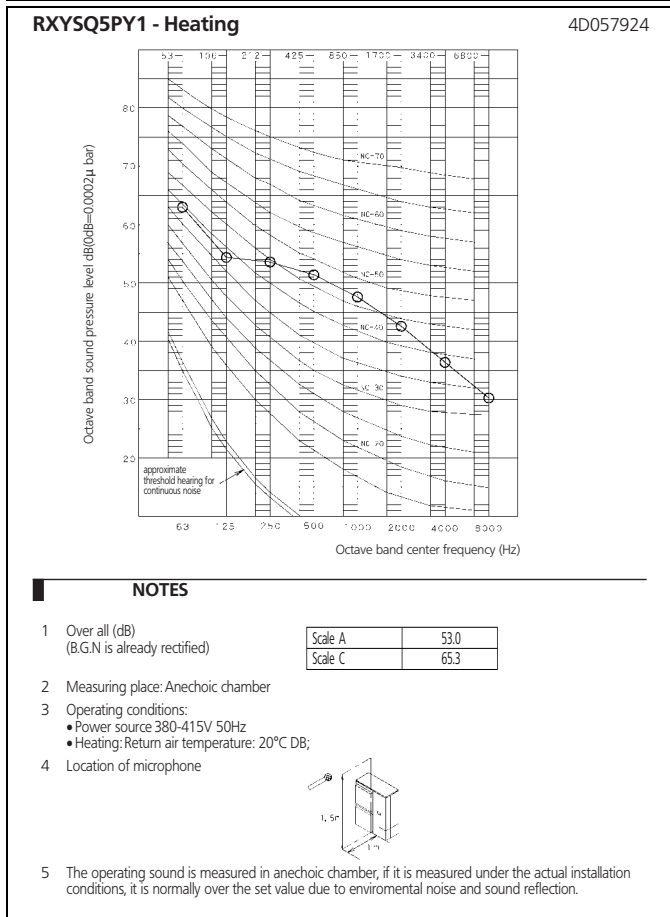
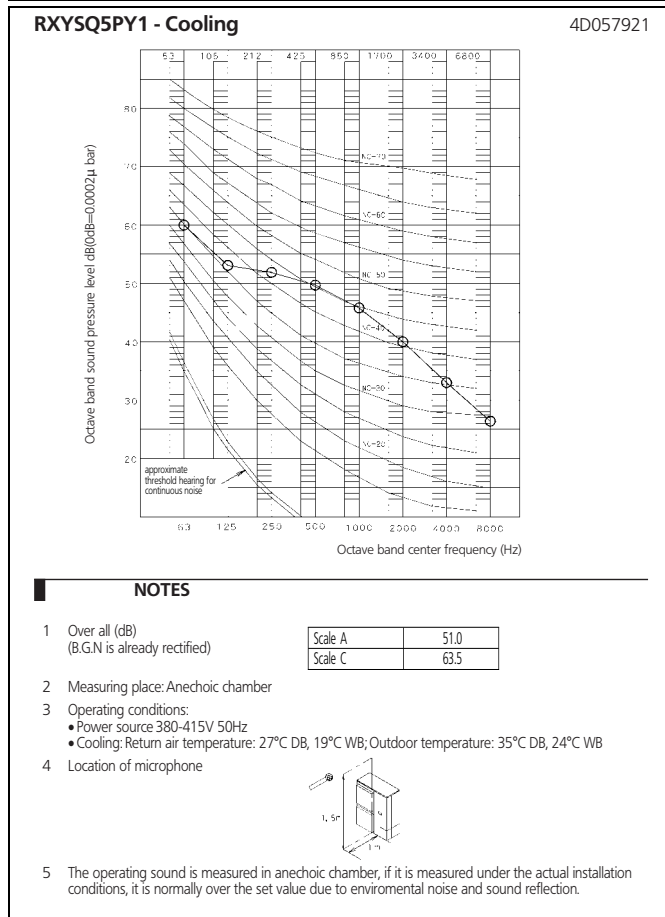
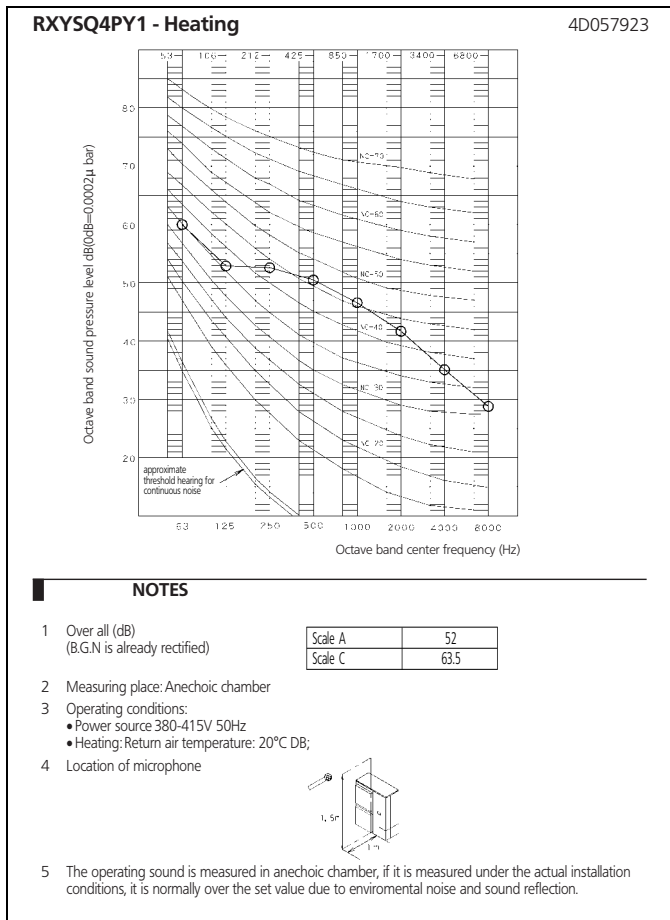
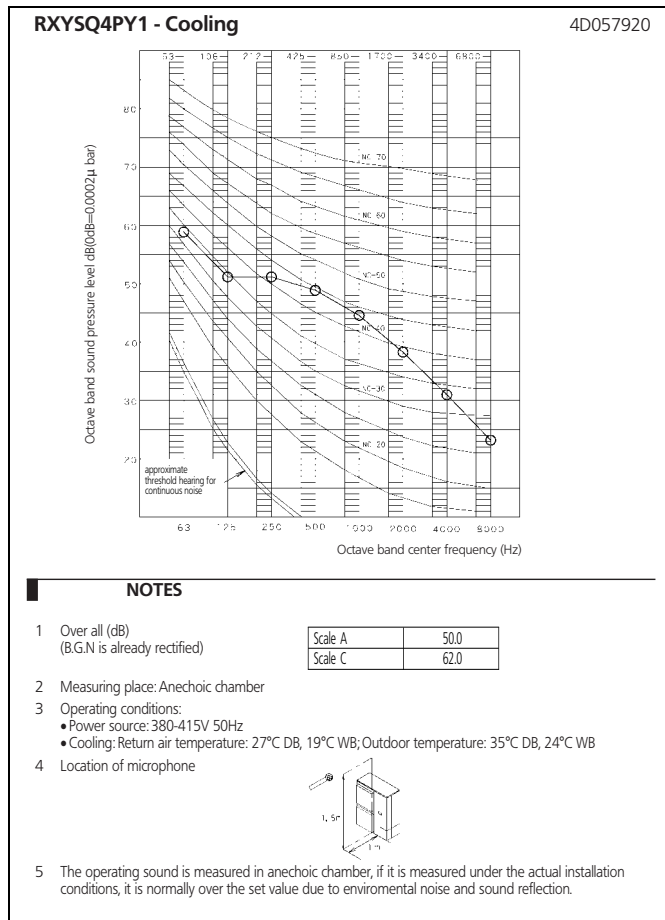
# 6 Wiring diagram

## 6 - 2 External connection diagram



# 7 Sound data

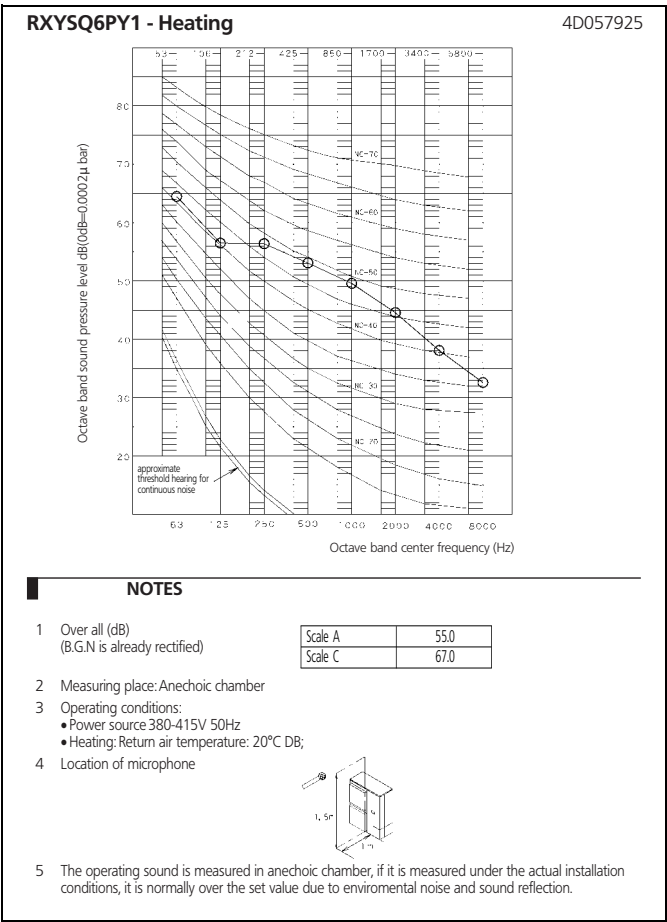
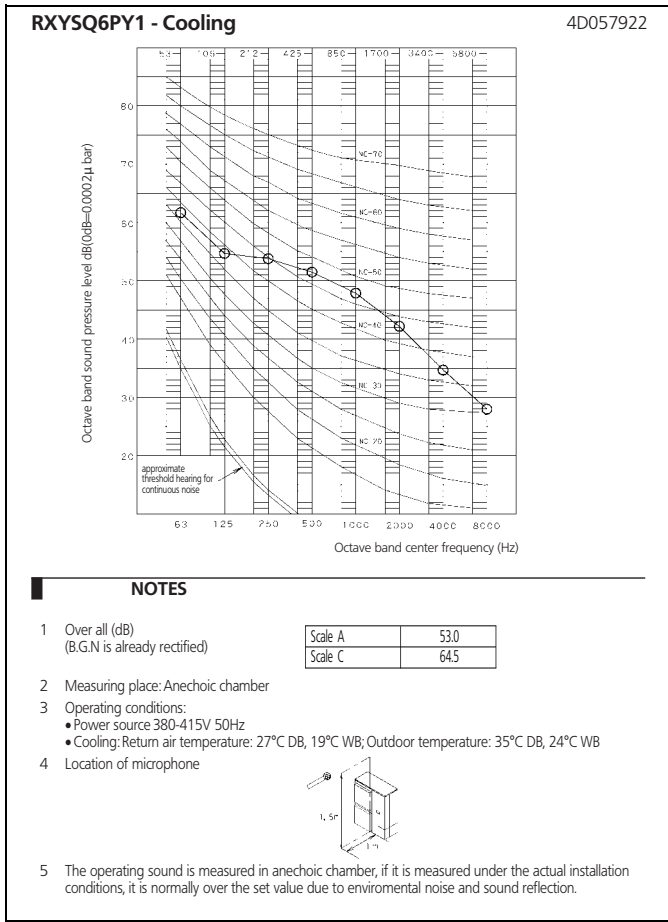
## 7 - 1 Sound pressure spectrum





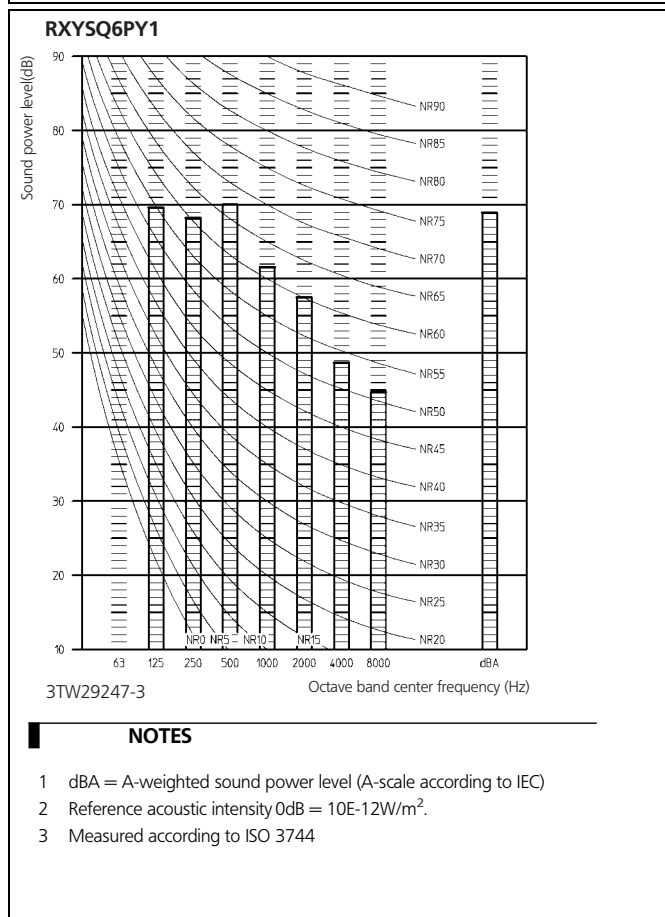
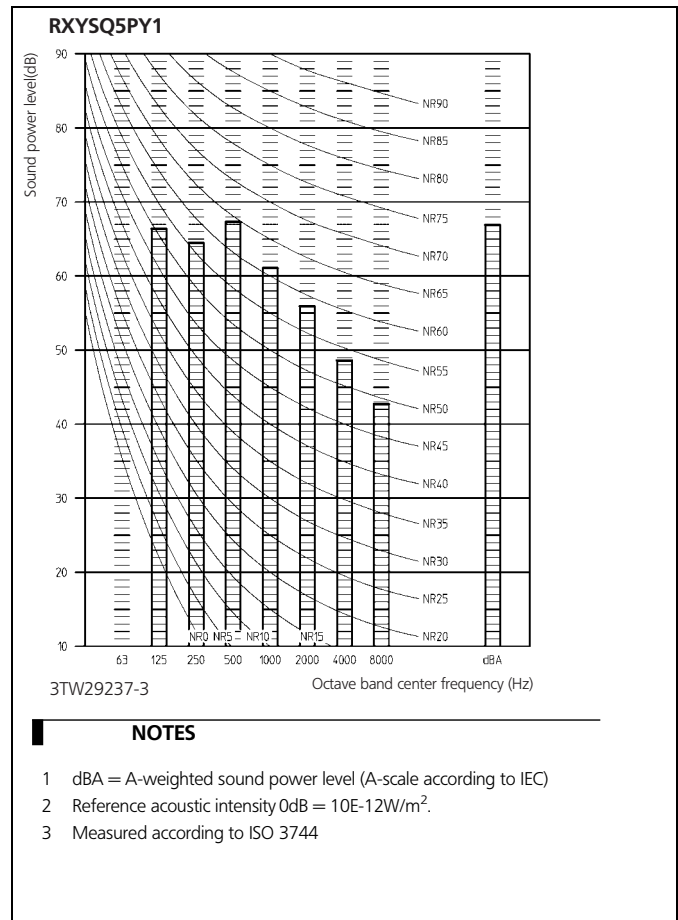
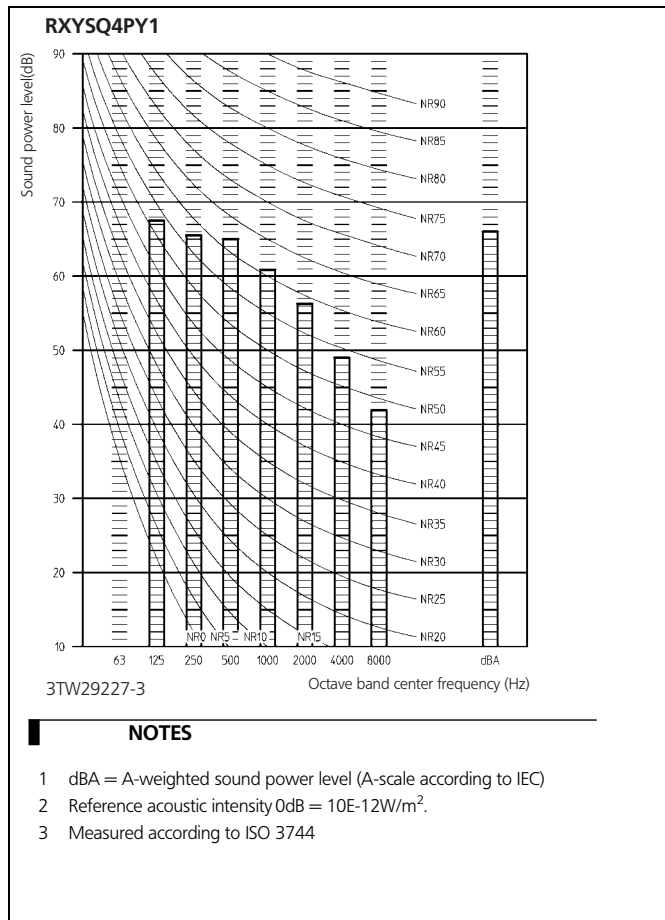
# 7 Sound data

## 7 - 1 Sound pressure spectrum



## 7 Sound data

### 7 - 2 Sound power spectrum



# 8 Installation

## 8 - 1 Service space

### RXYSQ-PY1

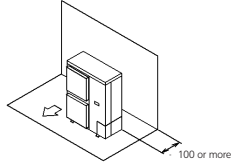
#### Required installation space

The unit of the values is mm.

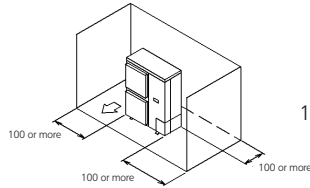
#### 1. Where there is an obstacle on the suction side

##### (a) No obstacle above

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

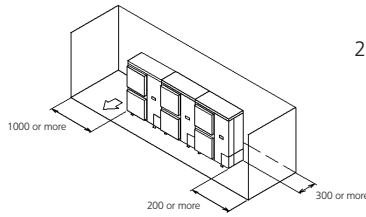


- Obstacle on both sides.



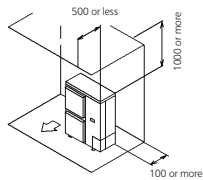
- Series installation (2 or more).

- Obstacle on both sides

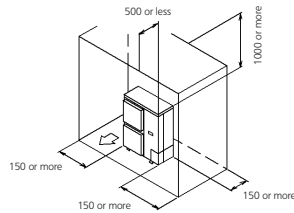


##### (b) Obstacle above, too.

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

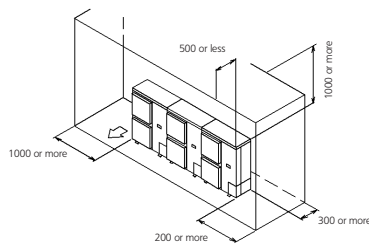


- Obstacle on the suction side and both sides.



- Series installation (2 or more).

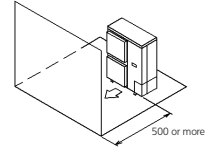
- Obstacle on the suction side and both sides.



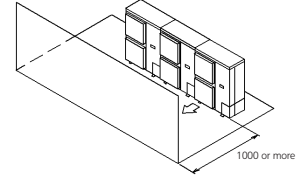
#### (2) Where there is an obstacle on the discharge side

##### (a) No obstacle above

- Stand-alone installation

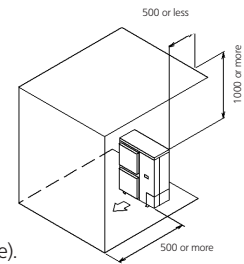


- Series installation (2 or more)

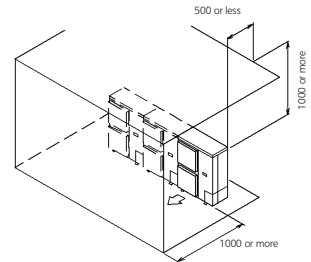


##### (b) Obstacle above, too.

- Stand-alone installation



- Series installation (2 or more).



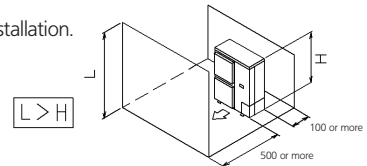
#### 3. Where there are obstacles on both suction and discharge sides:

##### Pattern 1

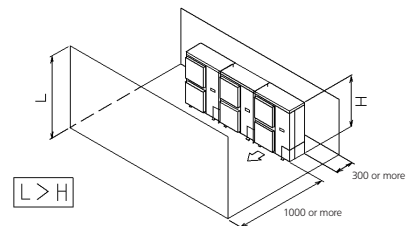
Where the obstacles on the discharge side is higher than the unit.  
(There is no height limit for obstructions on the intake side.)

##### (a) No obstacle above.

- Stand-alone installation.



- Series installation (2 or more).



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# 8 Installation

## 8 - 1 Service space

### RXYSQ-PY1

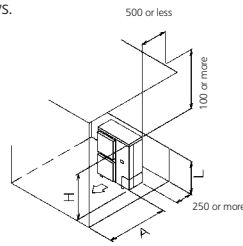
#### (b) Obstacle above, too

1 Stand-alone installation.

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

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

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



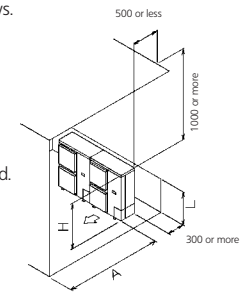
2 Series installation (2 or more).

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

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

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

Only two units can be installed for this series.



#### Pattern 2

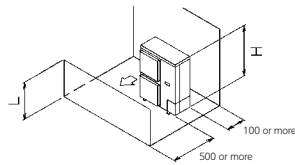
Where the obstacle on the discharge side is lower than the unit. (There is no height limit for obstructions on the intake side.)

#### (a) No obstacle above.

1 Stand-alone installation.

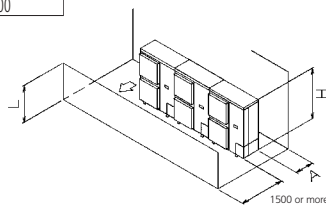
$$L \leq H$$

2 Series installation (2 or more).



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

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



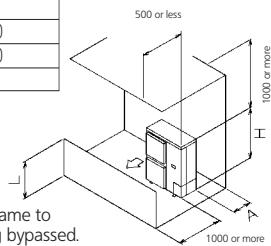
#### (b) Obstacle above, too.

1 Stand-alone installation.

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

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

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



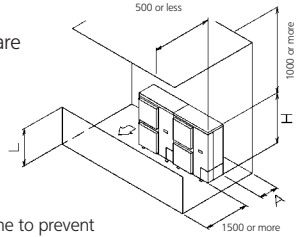
1 Series installation.

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

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

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

Only two units can be installed for this series.

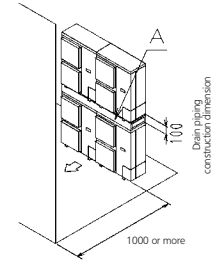


#### 4. Double-decker installation

(a) Obstacle on the discharge side.

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

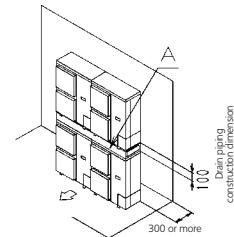
Do not stack more than two unit.



(b) Obstacle on the suction side only.

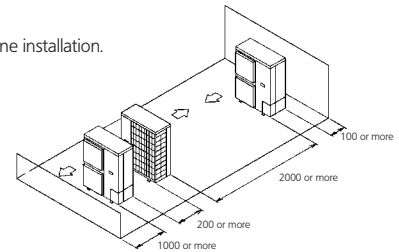
Close the gap A (the gap between the upper and lower outdoor units) to prevent the discharged air from being bypassed.

Do not stack more than one unit.

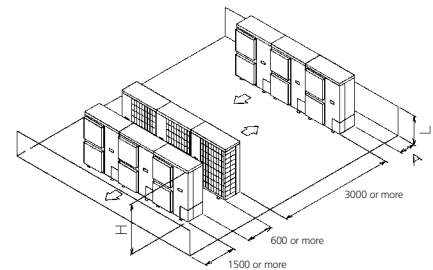


#### 5. Multiple rows of series installation (on the rooftop, etc.).

(a) One row of stand-alone installation.



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

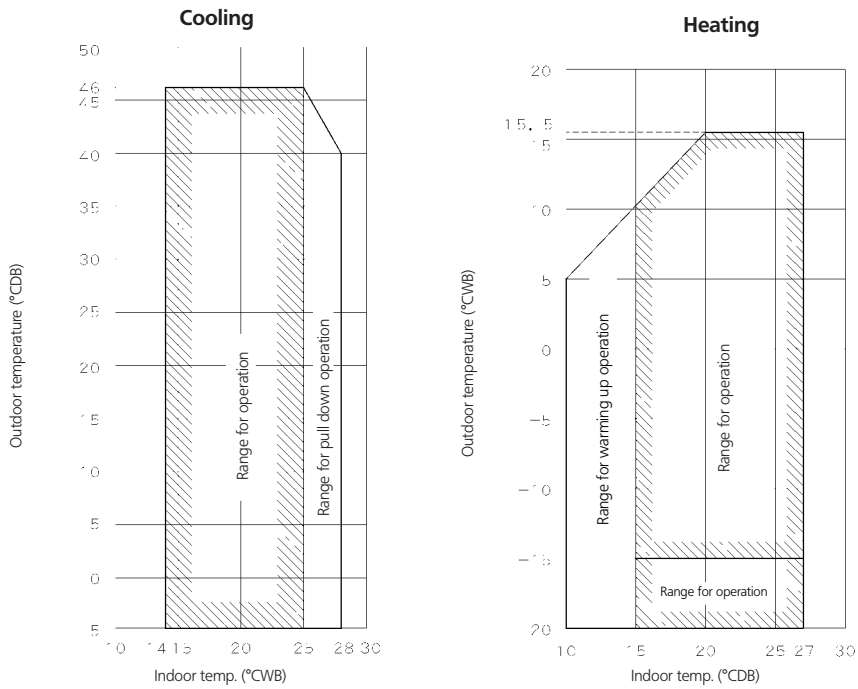


The relations between H, A and L are as follows.

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

# 9 Operation range

RXYSQ-PY1



**Notes:**

These figures assume the following operating conditions.

Indoor and outdoor units:

- Equivalent piping length 7.5m
- Level difference 0m

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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.



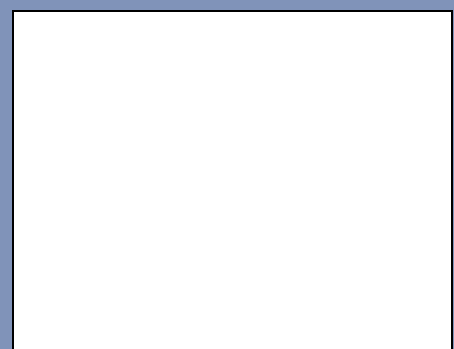
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Daikin units comply with the European regulations that guarantee the safety of the product.

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