DAIKIN

technical data

VRVII-S Systems

RXYSQ-M7V3B

VRVII-S Inverter heat pump

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RXYSQ4-6M7V3B

1 Specifications

1-1 TECHNICAL SPECIFICATIONS				RXYSQ4M7V3B	RXYSQ5M7V3B	RXYSQ6M7V3B
Capacity	Cooling		kW	11.20	14.00	15.50
	Heating		kW	12.50	16.00	18.00
Capacity range			HP	4	5	6
Power input (Nominal)	Cooling		kW	3.36	4.61	5.08
	Heating		kW	3.57	4.13	4.83
Max n° of indoor units to be connected				6	8	9
Tot cap index of indoor units to be connected				130	162.5	182
Casing	Colour			Daikin White		
	Material			Painted galvanised steel		
Dimensions	Packing	Height	mm	1475	1475	1475
		Width	mm	980	980	980
		Depth	mm	420	420	420
	Unit	Height	mm	1345	1345	1345
		Width	mm	900	900	900
		Depth	mm	320	320	320
Weight	Machine Weight		kg	127	127	127
	Gross Weight		kg	132	132	132
Heat Exchanger	Dimensions	Length	mm	857	857	857
		Nr of Rows		2	2	2
		Fin Pitch	mm	2.00	2.00	2.00
		Nr of Passes		10	10	10
		Face Area	m^2	1.131	1.131	1.131
		Nr of Stages		60	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)	Cooling	m^3/min	104.00	104.00	110.00
		Heating	m^3/min	107.00	107.00	109.00
	Discharge direction			Horizontal		
	Motor	Quantity		2	2	2
		Model		KFD-325-70-8A		
		Output motor	W	70	70	70
		Speed	rpm	832	832	856
		Drive		Direct drive		
Compressor	Quantity			1	1	1
	Motor	Quantity		1	1	1
		Model		JT100FCVD@4		
		Type		Hermetically sealed scroll compressor		
		Speed	rpm	6480	6480	6480
		Motor Output	kW	2.5	3.0	3.5
		Starting Method		Inverter driven		
		Crankcase Heater	W	33	33	33
Operation Range	Cooling	Min	°CDB	-5.0	-5.0	-5.0
		Max	°CDB	46.0	46.0	46.0
	Heating	Min	°CWB	-20.0	-20.0	-20.0
		Max	°CWB	15.5	15.5	15.5

1-1 TECHNICAL SPECIFICATIONS				RXYSQ4M7V3B	RXYSQ5M7V3B	RXYSQ6M7V3B
Sound Level	Cooling	Sound Power	dBA	67.0	68.0	70.0
		Sound Pressure	dBA	51.0	52.0	54.0
Refrigerant	Name			R-410A		
	Charge		kg	5.8	5.8	5.8
	Control			Expansion valve (electronic type)		
	Nr of Circuits			1	1	1
Refrigerant Oil	Name			Daphne FVC68D		
	Charged Volume		l	1.6	1.6	1.6
Piping connections	Liquid (OD)	Type		Flare connection		
		Diameter (OD)	mm	9.5	9.5	9.5
	Gas	Type		Flare connection	Flare connection	Braze connection
		Diameter (OD)	mm	15.9	15.9	19.1
	Drain	Quantity		3	3	3
		Diameter (OD)	mm	26 x 3		
	Heat Insulation			Both liquid and gas pipes		
	Max total length		m	300	300	300
Defrost Method				Reversed cycle		
Defrost Control				Sensor for outdoor heat exchanger temperature		
Capacity Control Method				Inverter controlled		
Capacity Control				24 to 100		
Safety device settings				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

1 Nominal cooling capacities are based on:
- indoor temperature: 27°CDB, 19°CWB
- outdoor temperature: 35°CDB
- equivalent refrigerant piping: 7.5m
- level difference : 0m.

2 Nominal heating capacities are based on:
- indoor temperature 20°CDB
- outdoor temperature: 7°CDB, 6°CWB
- equivalent refrigerant piping: 7.5m, level difference : 0m.

3 Sound power level is an absolute value that a sound source generates.

4 Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings.

5 Sound values are measured in a semi-anechoic room.

1-2 ELECTRICAL SPECIFICATIONS				RXYSQ4M7V3B	RXYSQ5M7V3B	RXYSQ6M7V3B
Power Supply	Name			V3	V3	V3
	Phase			1	1	1
	Frequency		Hz	50	50	50
	Voltage		V	230	230	230
Current	Nominal running current (RLA)	Cooling	A	17.30	22.40	24.60
		Heating	A	18.10	20.10	23.30
	Starting current (MSC)		A	17.30	22.40	24.60
	Minimum circuit amps (MCA)		A	27.00	27.00	27.00
	Maximum fuse amps (MFA)		A	32.00	32.00	32.00
	Total overcurrent amps (TOCA)		A	27.00	27.00	27.00
	Full load amps (FLA)		A	0.3+0.3 (fan motor)		
Voltage range	Minimum		V	207	207	207
	Maximum		V	253	253	253
Wiring connections	For Power Supply	Quantity		3	3	3
		Remark		earth wire included		
	For connection with indoor	Quantity		2	2	2
		Remark		F1-F2		
Power Supply Intake				Both indoor and outdoor unit		

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NOTES

1 MCA/MFA:
- MCA = 1.25 x maximum RLA + other RLA + EA FLA, MCA<= 2.25 x maximum RLA + other RLA + EA FLA, next lower standard fuse rating minimum 16A
- MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)

2 MSC means the maximum current during start up of the compressor

3 RLA is based on following conditions:
- indoor temperature: 27°CDB/19°CWB
- outdoor temperature: 35°CDB

4 Select wire size based on the value of MCA or TOCA

5 TOCA means the total value of each OC set

6 Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits

2 Options

RXYSQ-M7V3B	4	5	6
COOL/HEAT SELECTOR	KRC19-26A		
FIXING BOX	KJB111A		
REFNET HEADER	KHRQ22M29H		
REFNET JOINT	KHRQ22M20T		
CENTRAL DRAIN PAN KIT	KKPJ5F180		

4TW26101-4

NOTE

1 All options are kits

3 Capacity tables

3 - 1 Cooling capacity tables

4HP

TC: Total Capacity ; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	130	10	9.83	1.55	11.7	1.89	13.6	2.25	14.6	2.43	14.7	2.38	15.1	2.28	15.4	2.18
		12	9.83	1.58	11.7	1.93	13.6	2.30	14.4	2.42	14.5	2.37	14.9	2.27	15.3	2.23
		14	9.83	1.61	11.7	1.97	13.6	2.34	14.2	2.41	14.4	2.36	14.7	2.34	15.1	2.36
		16	9.83	1.64	11.7	2.00	13.6	2.38	14.0	2.43	14.2	2.44	14.5	2.46	14.9	2.49
		18	9.83	1.67	11.7	2.04	13.6	2.54	13.8	2.55	14.0	2.57	14.3	2.59	14.7	2.61
		20	9.83	1.70	11.7	2.18	13.4	2.67	13.6	2.68	13.8	2.69	14.1	2.72	14.5	2.74
		21	9.83	1.75	11.7	2.26	13.3	2.73	13.5	2.74	13.7	2.75	14.1	2.78	14.4	2.81
		23	9.83	1.87	11.7	2.42	13.2	2.85	13.3	2.87	13.5	2.88	13.9	2.91	14.2	2.93
		25	9.83	2.00	11.7	2.59	13.0	2.98	13.1	2.99	13.3	3.01	13.7	3.03	14.0	3.06
		27	9.83	2.14	11.7	2.77	12.8	3.10	13.0	3.12	13.1	3.13	13.5	3.16	13.8	3.19
		29	9.83	2.28	11.7	2.96	12.6	3.23	12.8	3.24	12.9	3.26	13.3	3.29	13.6	3.33
		31	9.83	2.44	11.7	3.16	12.4	3.35	12.6	3.37	12.7	3.39	13.1	3.42	13.5	3.46
		33	9.83	2.60	11.7	3.38	12.2	3.48	12.4	3.50	12.6	3.52	12.9	3.55	13.3	3.59
		35	9.83	2.77	11.7	3.57	12.0	3.61	12.2	3.63	12.4	3.65	12.7	3.68	13.1	3.72
		37	9.83	2.94	11.5	3.69	11.8	3.73	12.0	3.75	12.2	3.78	12.5	3.82	12.9	3.86
		39	9.83	3.13	11.3	3.82	11.6	3.86	11.8	3.88	12.0	3.91	12.3	3.95	12.7	3.99
120%	120	10	9.07	1.41	10.8	1.73	12.6	2.05	13.4	2.22	14.3	2.39	14.8	2.36	15.2	2.26
		12	9.07	1.44	10.8	1.76	12.6	2.09	13.4	2.26	14.3	2.43	14.7	2.34	15.0	2.25
		14	9.07	1.47	10.8	1.79	12.6	2.13	13.4	2.30	14.1	2.42	14.5	2.33	14.8	2.34
		16	9.07	1.49	10.8	1.83	12.6	2.17	13.4	2.35	13.9	2.43	14.3	2.45	14.6	2.47
		18	9.07	1.52	10.8	1.86	12.6	2.25	13.4	2.49	13.8	2.55	14.1	2.57	14.4	2.59
		20	9.07	1.55	10.8	1.94	12.6	2.42	13.4	2.66	13.6	2.68	13.9	2.70	14.2	2.72
		21	9.07	1.57	10.8	2.01	12.6	2.50	13.3	2.73	13.5	2.74	13.8	2.76	14.1	2.79
		23	9.07	1.67	10.8	2.15	12.6	2.69	13.1	2.85	13.3	2.86	13.6	2.89	13.9	2.91
		25	9.07	1.79	10.8	2.30	12.6	2.88	12.9	2.97	13.1	2.99	13.4	3.01	13.7	3.04
		27	9.07	1.91	10.8	2.46	12.6	3.08	12.7	3.10	12.9	3.11	13.2	3.14	13.6	3.17
		29	9.07	2.04	10.8	2.63	12.4	3.21	12.6	3.22	12.7	3.24	13.0	3.27	13.4	3.30
		31	9.07	2.17	10.8	2.80	12.2	3.33	12.4	3.35	12.5	3.37	12.9	3.40	13.2	3.43
		33	9.07	2.31	10.8	2.99	12.0	3.46	12.2	3.48	12.3	3.49	12.7	3.53	13.0	3.56
		35	9.07	2.46	10.8	3.19	11.8	3.59	12.0	3.60	12.1	3.62	12.5	3.66	12.8	3.69
		37	9.07	2.62	10.8	3.40	11.6	3.71	11.8	3.73	12.0	3.75	12.3	3.79	12.6	3.82
		39	9.07	2.79	10.8	3.62	11.4	3.84	11.6	3.86	11.8	3.88	12.1	3.92	12.4	3.96
110%	110	10	8.31	1.28	9.92	1.56	11.5	1.86	12.3	2.01	13.1	2.16	14.6	2.43	14.9	2.34
		12	8.31	1.31	9.92	1.59	11.5	1.89	12.3	2.04	13.1	2.20	14.4	2.41	14.7	2.33
		14	8.31	1.33	9.92	1.62	11.5	1.93	12.3	2.08	13.1	2.24	14.2	2.40	14.5	2.33
		16	8.31	1.36	9.92	1.65	11.5	1.97	12.3	2.12	13.1	2.29	14.0	2.43	14.3	2.45
		18	8.31	1.38	9.92	1.69	11.5	2.00	12.3	2.18	13.1	2.40	13.8	2.56	14.1	2.58
		20	8.31	1.41	9.92	1.72	11.5	2.12	12.3	2.35	13.1	2.58	13.6	2.68	13.9	2.70
		21	8.31	1.42	9.92	1.77	11.5	2.20	12.3	2.43	13.1	2.67	13.5	2.74	13.8	2.76
		23	8.31	1.49	9.92	1.90	11.5	2.36	12.3	2.61	13.1	2.84	13.4	2.87	13.7	2.89
		25	8.31	1.59	9.92	2.03	11.5	2.52	12.3	2.79	12.9	2.97	13.2	2.99	13.5	3.02
		27	8.31	1.70	9.92	2.17	11.5	2.70	12.3	2.99	12.7	3.09	13.0	3.12	13.3	3.15
		29	8.31	1.81	9.92	2.31	11.5	2.88	12.3	3.19	12.5	3.22	12.8	3.25	13.1	3.27
		31	8.31	1.92	9.92	2.47	11.5	3.08	12.2	3.33	12.3	3.34	12.6	3.37	12.9	3.40
		33	8.31	2.05	9.92	2.63	11.5	3.29	12.0	3.45	12.1	3.47	12.4	3.50	12.7	3.53
		35	8.31	2.18	9.92	2.80	11.5	3.51	11.8	3.58	11.9	3.60	12.2	3.63	12.5	3.66
		37	8.31	2.32	9.92	2.98	11.4	3.69	11.6	3.71	11.7	3.72	12.0	3.76	12.3	3.79
		39	8.31	2.46	9.92	3.18	11.2	3.82	11.4	3.83	11.5	3.85	11.8	3.89	12.1	3.92
100%	100	10	7.56	1.16	9.02	1.40	10.5	1.66	11.2	1.80	11.9	1.93	13.4	2.21	14.6	2.42
		12	7.56	1.18	9.02	1.43	10.5	1.69	11.2	1.83	11.9	1.97	13.4	2.25	14.4	2.41
		14	7.56	1.20	9.02	1.46	10.5	1.73	11.2	1.87	11.9	2.01	13.4	2.29	14.2	2.39
		16	7.56	1.22	9.02	1.48	10.5	1.76	11.2	1.90	11.9	2.05	13.4	2.34	14.0	2.43
		18	7.56	1.24	9.02	1.51	10.5	1.79	11.2	1.94	11.9	2.09	13.4	2.47	13.9	2.56
		20	7.56	1.27	9.02	1.54	10.5	1.85	11.2	2.04	11.9	2.24	13.4	2.66	13.7	2.68
		21	7.56	1.28	9.02	1.56	10.5	1.91	11.2	2.11	11.9	2.32	13.3	2.72	13.6	2.74
		23	7.56	1.31	9.02	1.66	10.5	2.05	11.2	2.26	11.9	2.48	13.1	2.85	13.4	2.87
		25	7.56	1.40	9.02	1.77	10.5	2.19	11.2	2.42	11.9	2.66	12.9	2.97	13.2	3.00
		27	7.56	1.49	9.02	1.89	10.5	2.35	11.2	2.59	11.9	2.85	12.7	3.10	13.0	3.12
		29	7.56	1.59	9.02	2.02	10.5	2.50	11.2	2.77	11.9	3.04	12.5	3.22	12.8	3.25
		31	7.56	1.69	9.02	2.15	10.5	2.67	11.2	2.95	11.9	3.25	12.4	3.35	12.6	3.38
		33	7.56	1.80	9.02	2.29	10.5	2.85	11.2	3.15	11.9	3.45	12.2	3.48	12.4	3.50
		35	7.56	1.91	9.02	2.44	10.5	3.04	11.2	3.36	11.7	3.57	12.0	3.60	12.2	3.63
		37	7.56	2.03	9.02	2.60	10.5	3.24	11.2	3.58	11.5	3.70	11.8	3.73	12.1	3.76
		39	7.56	2.16	9.02	2.76	10.5	3.45	11.2	3.81	11.3	3.82	11.6	3.86	11.9	3.89
90%	90	10	6.80	1.04	8.11	1.25	9.42	1.48	10.1	1.59	10.7	1.71	12.0	1.96	13.4	2.20
		12	6.80	1.05	8.11	1.27	9.42	1.50	10.1	1.62	10.7	1.74	12.0	1.99	13.4	2.25
		14	6.80	1.07	8.11	1.30	9.42	1.53	10.1	1.65	10.7	1.78	12.0	2.03	13.4	2.29
		16	6.80	1.09	8.11	1.32	9.42	1.56	10.1	1.68	10.7	1.81	12.0	2.07	13.4	2.33
		18	6.80	1.11	8.11	1.34	9.42	1.59	10.1	1.72	10.7	1.85	12.0	2.11	13.4	2.47
		20	6.80	1.13	8.11	1.37	9.42	1.62	10.1	1.75	10.7	1.92	12.0	2.27	13.4	2.65
		21	6.80	1.14	8.11	1.38	9.42	1.65	10.1	1.81	10.7	1.98	12.0	2.35	13.3	2.72
		23	6.80	1.16	8.11	1.44	9.42	1.77	10.1	1.94	10.7	2.13	12.0	2.52	13.1	2.85
		25	6.80	1.23	8.11	1.54	9.42	1.89	10.1	2.08	10.7	2.28	12.0	2.70	12.9	2.97
		27	6.80	1.30	8.11	1.64	9.42	2.02	10.1	2.22	10.7	2.43	12.0	2.89	12.7	3.10
		29	6.80	1.39	8.11	1.75	9.42	2.15	10.1	2.37	10.7	2.60	12.0	3.09	12.5	3.22
		31	6.80	1.48	8.11	1.86	9.42	2.29	10.1	2.53	10.7	2.77	12.0	3.30	12.3	3.35
		33	6.80	1.57	8.11	1.98	9.42	2.44	10.1	2.69	10.7	2.96	11.9	3.45	12.2	3.47
		35	6.80	1.66	8.11	2.11	9.42	2.60	10.1	2.87	10.7	3.15	11.7	3.57	12.0	3.60
		37	6.80	1.77	8.11	2.24	9.42	2.77	10.1	3.06	10.7	3.36	11.5	3.70	11.8	3.73
		39	6.80	1.87	8.11	2.38	9.42	2.95	10.1	3.26	10.7	3.58	11.3	3.83	11.6	3.86

3 Capacity tables

3 - 1 Cooling capacity tables

4HP

TC: Total Capacity ; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	80	10	6.05	0.92	7.21	1.10	8.38	1.29	8.96	1.39	9.54	1.50	10.7	1.71	11.9	1.92
		12	6.05	0.93	7.21	1.12	8.38	1.32	8.96	1.42	9.54	1.52	10.7	1.74	11.9	1.96
		14	6.05	0.95	7.21	1.14	8.38	1.34	8.96	1.45	9.54	1.55	10.7	1.77	11.9	2.00
		16	6.05	0.97	7.21	1.16	8.38	1.37	8.96	1.47	9.54	1.58	10.7	1.81	11.9	2.04
		18	6.05	0.98	7.21	1.18	8.38	1.39	8.96	1.50	9.54	1.61	10.7	1.84	11.9	2.08
		20	6.05	1.00	7.21	1.20	8.38	1.42	8.96	1.53	9.54	1.65	10.7	1.91	11.9	2.22
		21	6.05	1.01	7.21	1.22	8.38	1.43	8.96	1.55	9.54	1.68	10.7	1.98	11.9	2.30
		23	6.05	1.03	7.21	1.24	8.38	1.50	8.96	1.65	9.54	1.80	10.7	2.12	11.9	2.47
		25	6.05	1.06	7.21	1.32	8.38	1.61	8.96	1.76	9.54	1.92	10.7	2.27	11.9	2.64
		27	6.05	1.13	7.21	1.41	8.38	1.71	8.96	1.88	9.54	2.05	10.7	2.42	11.9	2.83
		29	6.05	1.20	7.21	1.50	8.38	1.83	8.96	2.00	9.54	2.19	10.7	2.59	11.9	3.02
		31	6.05	1.27	7.21	1.59	8.38	1.94	8.96	2.13	9.54	2.33	10.7	2.76	11.9	3.23
		33	6.05	1.35	7.21	1.69	8.38	2.07	8.96	2.27	9.54	2.49	10.7	2.95	11.9	3.44
		35	6.05	1.43	7.21	1.80	8.38	2.20	8.96	2.42	9.54	2.65	10.7	3.14	11.7	3.57
		37	6.05	1.52	7.21	1.91	8.38	2.34	8.96	2.58	9.54	2.82	10.7	3.35	11.5	3.70
		39	6.05	1.61	7.21	2.03	8.38	2.49	8.96	2.74	9.54	3.00	10.7	3.56	11.3	3.82
70%	70	10	5.29	0.81	6.31	0.96	7.33	1.12	7.84	1.20	8.35	1.29	9.37	1.47	10.4	1.65
		12	5.29	0.82	6.31	0.98	7.33	1.14	7.84	1.23	8.35	1.31	9.37	1.49	10.4	1.68
		14	5.29	0.83	6.31	0.99	7.33	1.16	7.84	1.25	8.35	1.34	9.37	1.52	10.4	1.71
		16	5.29	0.85	6.31	1.01	7.33	1.18	7.84	1.27	8.35	1.36	9.37	1.55	10.4	1.74
		18	5.29	0.86	6.31	1.03	7.33	1.20	7.84	1.29	8.35	1.39	9.37	1.58	10.4	1.78
		20	5.29	0.88	6.31	1.05	7.33	1.23	7.84	1.32	8.35	1.41	9.37	1.61	10.4	1.83
		21	5.29	0.88	6.31	1.05	7.33	1.24	7.84	1.33	8.35	1.43	9.37	1.64	10.4	1.89
		23	5.29	0.90	6.31	1.07	7.33	1.26	7.84	1.38	8.35	1.50	9.37	1.75	10.4	2.03
		25	5.29	0.91	6.31	1.12	7.33	1.35	7.84	1.47	8.35	1.60	9.37	1.87	10.4	2.17
		27	5.29	0.97	6.31	1.19	7.33	1.43	7.84	1.57	8.35	1.71	9.37	2.00	10.4	2.32
		29	5.29	1.03	6.31	1.26	7.33	1.53	7.84	1.67	8.35	1.82	9.37	2.13	10.4	2.48
		31	5.29	1.09	6.31	1.34	7.33	1.63	7.84	1.78	8.35	1.94	9.37	2.27	10.4	2.64
		33	5.29	1.15	6.31	1.43	7.33	1.73	7.84	1.89	8.35	2.06	9.37	2.42	10.4	2.82
		35	5.29	1.22	6.31	1.51	7.33	1.84	7.84	2.01	8.35	2.19	9.37	2.58	10.4	3.00
		37	5.29	1.29	6.31	1.60	7.33	1.95	7.84	2.14	8.35	2.33	9.37	2.75	10.4	3.20
		39	5.29	1.37	6.31	1.70	7.33	2.07	7.84	2.27	8.35	2.48	9.37	2.92	10.4	3.41
60%	60	10	4.54	0.70	5.41	0.83	6.28	0.96	6.72	1.02	7.16	1.09	8.03	1.24	8.90	1.38
		12	4.54	0.71	5.41	0.84	6.28	0.97	6.72	1.04	7.16	1.11	8.03	1.26	8.90	1.41
		14	4.54	0.72	5.41	0.85	6.28	0.99	6.72	1.06	7.16	1.13	8.03	1.28	8.90	1.44
		16	4.54	0.73	5.41	0.87	6.28	1.00	6.72	1.08	7.16	1.15	8.03	1.30	8.90	1.46
		18	4.54	0.75	5.41	0.88	6.28	1.02	6.72	1.10	7.16	1.17	8.03	1.33	8.90	1.49
		20	4.54	0.76	5.41	0.89	6.28	1.04	6.72	1.12	7.16	1.19	8.03	1.35	8.90	1.52
		21	4.54	0.76	5.41	0.90	6.28	1.05	6.72	1.13	7.16	1.21	8.03	1.37	8.90	1.54
		23	4.54	0.78	5.41	0.92	6.28	1.07	6.72	1.15	7.16	1.23	8.03	1.42	8.90	1.63
		25	4.54	0.79	5.41	0.94	6.28	1.11	6.72	1.21	7.16	1.31	8.03	1.52	8.90	1.74
		27	4.54	0.82	5.41	0.99	6.28	1.18	6.72	1.28	7.16	1.39	8.03	1.62	8.90	1.86
		29	4.54	0.87	5.41	1.05	6.28	1.26	6.72	1.37	7.16	1.48	8.03	1.72	8.90	1.99
		31	4.54	0.92	5.41	1.12	6.28	1.34	6.72	1.45	7.16	1.58	8.03	1.84	8.90	2.12
		33	4.54	0.97	5.41	1.18	6.28	1.42	6.72	1.54	7.16	1.67	8.03	1.95	8.90	2.25
		35	4.54	1.03	5.41	1.25	6.28	1.50	6.72	1.64	7.16	1.78	8.03	2.08	8.90	2.40
		37	4.54	1.08	5.41	1.33	6.28	1.59	6.72	1.74	7.16	1.89	8.03	2.21	8.90	2.55
		39	4.54	1.15	5.41	1.40	6.28	1.69	6.72	1.84	7.16	2.00	8.03	2.35	8.90	2.72
50%	50	10	3.78	0.60	4.51	0.70	5.24	0.80	5.60	0.85	5.96	0.91	6.69	1.02	7.42	1.14
		12	3.78	0.61	4.51	0.71	5.24	0.81	5.60	0.87	5.96	0.92	6.69	1.04	7.42	1.15
		14	3.78	0.62	4.51	0.72	5.24	0.83	5.60	0.88	5.96	0.94	6.69	1.05	7.42	1.18
		16	3.78	0.63	4.51	0.73	5.24	0.84	5.60	0.90	5.96	0.95	6.69	1.07	7.42	1.20
		18	3.78	0.64	4.51	0.74	5.24	0.85	5.60	0.91	5.96	0.97	6.69	1.09	7.42	1.22
		20	3.78	0.65	4.51	0.75	5.24	0.87	5.60	0.93	5.96	0.99	6.69	1.11	7.42	1.24
		21	3.78	0.65	4.51	0.76	5.24	0.87	5.60	0.93	5.96	1.00	6.69	1.12	7.42	1.25
		23	3.78	0.66	4.51	0.77	5.24	0.89	5.60	0.95	5.96	1.01	6.69	1.14	7.42	1.28
		25	3.78	0.67	4.51	0.78	5.24	0.91	5.60	0.97	5.96	1.04	6.69	1.20	7.42	1.37
		27	3.78	0.68	4.51	0.81	5.24	0.96	5.60	1.03	5.96	1.11	6.69	1.28	7.42	1.46
		29	3.78	0.72	4.51	0.86	5.24	1.01	5.60	1.10	5.96	1.18	6.69	1.36	7.42	1.55
		31	3.78	0.76	4.51	0.91	5.24	1.08	5.60	1.16	5.96	1.25	6.69	1.45	7.42	1.65
		33	3.78	0.81	4.51	0.96	5.24	1.14	5.60	1.23	5.96	1.33	6.69	1.53	7.42	1.76
		35	3.78	0.85	4.51	1.02	5.24	1.21	5.60	1.31	5.96	1.41	6.69	1.63	7.42	1.87
		37	3.78	0.90	4.51	1.08	5.24	1.28	5.60	1.38	5.96	1.49	6.69	1.73	7.42	1.98
		39	3.78	0.95	4.51	1.14	5.24	1.35	5.60	1.46	5.96	1.58	6.69	1.83	7.42	2.10

3 Capacity tables

3 - 1 Cooling capacity tables

5HP

TC: Total Capacity ; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	162.5	10	12.3	2.12	14.6	2.60	17.0	3.09	18.1	3.29	18.3	3.23	18.7	3.09	19.2	2.95
		12	12.3	2.16	14.6	2.65	17.0	3.15	17.8	3.28	18.0	3.21	18.5	3.07	18.9	3.02
		14	12.3	2.20	14.6	2.70	17.0	3.21	17.6	3.26	17.8	3.19	18.3	3.16	18.7	3.19
		16	12.3	2.24	14.6	2.75	17.0	3.27	17.4	3.29	17.6	3.30	18.0	3.33	18.5	3.36
		18	12.3	2.29	14.6	2.81	16.9	3.44	17.1	3.46	17.3	3.47	17.8	3.50	18.2	3.54
		20	12.3	2.33	14.6	2.99	16.7	3.61	16.9	3.62	17.1	3.64	17.6	3.68	18.0	3.71
		21	12.3	2.40	14.6	3.10	16.5	3.69	16.8	3.71	17.0	3.73	17.4	3.76	17.9	3.80
		23	12.3	2.57	14.6	3.32	16.3	3.86	16.5	3.88	16.8	3.90	17.2	3.93	17.6	3.97
		25	12.3	2.75	14.6	3.55	16.1	4.03	16.3	4.05	16.5	4.07	17.0	4.11	17.4	4.15
		27	12.3	2.94	14.6	3.80	15.8	4.20	16.1	4.22	16.3	4.24	16.7	4.28	17.2	4.32
		29	12.3	3.13	14.6	4.06	15.6	4.37	15.8	4.39	16.1	4.41	16.5	4.46	16.9	4.50
		31	12.3	3.34	14.6	4.34	15.4	4.54	15.6	4.56	15.8	4.58	16.3	4.63	16.7	4.68
		33	12.3	3.56	14.6	4.63	15.1	4.71	15.4	4.73	15.6	4.76	16.0	4.81	16.5	4.86
		35	12.3	3.79	14.5	4.83	14.9	4.88	15.1	4.91	15.3	4.93	15.8	4.99	16.2	5.04
		37	12.3	4.04	14.2	5.00	14.7	5.05	14.9	5.08	15.1	5.11	15.6	5.16	16.0	5.22
		39	12.3	4.30	14.0	5.17	14.4	5.23	14.7	5.26	14.9	5.29	15.3	5.34	15.8	5.40
120%	150	10	11.3	1.94	13.5	2.37	15.7	2.82	16.8	3.05	17.9	3.28	18.4	3.19	18.8	3.06
		12	11.3	1.97	13.5	2.41	15.7	2.87	16.8	3.10	17.8	3.29	18.2	3.17	18.6	3.04
		14	11.3	2.01	13.5	2.46	15.7	2.93	16.8	3.16	17.5	3.28	17.9	3.15	18.4	3.17
		16	11.3	2.05	13.5	2.51	15.7	2.98	16.8	3.22	17.3	3.28	17.7	3.31	18.1	3.34
		18	11.3	2.09	13.5	2.56	15.7	3.08	16.8	3.41	17.1	3.45	17.5	3.48	17.9	3.51
		20	11.3	2.13	13.5	2.66	15.7	3.32	16.6	3.60	16.8	3.62	17.2	3.65	17.6	3.68
		21	11.3	2.15	13.5	2.75	15.7	3.44	16.5	3.69	16.7	3.70	17.1	3.74	17.5	3.77
		23	11.3	2.30	13.5	2.95	15.7	3.69	16.3	3.85	16.5	3.87	16.9	3.91	17.3	3.94
		25	11.3	2.46	13.5	3.16	15.7	3.95	16.0	4.02	16.2	4.04	16.7	4.08	17.1	4.12
		27	11.3	2.62	13.5	3.37	15.6	4.17	15.8	4.19	16.0	4.21	16.4	4.25	16.8	4.29
		29	11.3	2.80	13.5	3.60	15.4	4.34	15.6	4.36	15.8	4.38	16.2	4.42	16.6	4.47
		31	11.3	2.98	13.5	3.85	15.1	4.51	15.3	4.53	15.5	4.55	15.9	4.60	16.4	4.64
		33	11.3	3.17	13.5	4.10	14.9	4.68	15.1	4.70	15.3	4.73	15.7	4.77	16.1	4.82
		35	11.3	3.38	13.5	4.38	14.7	4.85	14.9	4.88	15.1	4.90	15.5	4.95	15.9	5.00
		37	11.3	3.60	13.5	4.66	14.4	5.02	14.6	5.05	14.8	5.07	15.2	5.13	15.7	5.18
		39	11.3	3.83	13.5	4.97	14.2	5.19	14.4	5.22	14.6	5.25	15.0	5.30	15.4	5.36
110%	137.5	10	10.4	1.76	12.4	2.14	14.4	2.55	15.4	2.75	16.4	2.96	18.1	3.28	18.5	3.17
		12	10.4	1.79	12.4	2.18	14.4	2.59	15.4	2.81	16.4	3.02	17.9	3.27	18.2	3.15
		14	10.4	1.83	12.4	2.23	14.4	2.64	15.4	2.86	16.4	3.08	17.6	3.25	18.0	3.15
		16	10.4	1.86	12.4	2.27	14.4	2.70	15.4	2.91	16.4	3.14	17.4	3.29	17.8	3.32
		18	10.4	1.89	12.4	2.31	14.4	2.75	15.4	2.99	16.4	3.29	17.2	3.46	17.5	3.49
		20	10.4	1.93	12.4	2.36	14.4	2.91	15.4	3.22	16.4	3.54	16.9	3.63	17.3	3.66
		21	10.4	1.95	12.4	2.43	14.4	3.02	15.4	3.33	16.4	3.67	16.8	3.71	17.2	3.74
		23	10.4	2.04	12.4	2.60	14.4	3.23	15.4	3.58	16.2	3.85	16.6	3.88	16.9	3.91
		25	10.4	2.18	12.4	2.78	14.4	3.46	15.4	3.83	16.0	4.02	16.3	4.05	16.7	4.08
		27	10.4	2.33	12.4	2.97	14.4	3.70	15.4	4.10	15.7	4.19	16.1	4.22	16.5	4.26
		29	10.4	2.48	12.4	3.17	14.4	3.96	15.3	4.34	15.5	4.35	15.9	4.39	16.2	4.43
		31	10.4	2.64	12.4	3.39	14.4	4.23	15.1	4.50	15.3	4.52	15.6	4.56	16.0	4.60
		33	10.4	2.81	12.4	3.61	14.4	4.51	14.8	4.67	15.0	4.69	15.4	4.74	15.8	4.78
		35	10.4	2.99	12.4	3.85	14.4	4.81	14.6	4.84	14.8	4.87	15.2	4.91	15.5	4.96
		37	10.4	3.18	12.4	4.09	14.2	4.99	14.4	5.01	14.6	5.04	14.9	5.09	15.3	5.13
		39	10.4	3.38	12.4	4.36	13.9	5.16	14.1	5.19	14.3	5.21	14.7	5.26	15.1	5.31
100%	125	10	9.45	1.59	11.3	1.93	13.1	2.28	14.0	2.47	14.9	2.65	16.7	3.03	18.1	3.27
		12	9.45	1.62	11.3	1.96	13.1	2.32	14.0	2.51	14.9	2.70	16.7	3.09	17.9	3.26
		14	9.45	1.65	11.3	2.00	13.1	2.37	14.0	2.56	14.9	2.75	16.7	3.15	17.7	3.24
		16	9.45	1.67	11.3	2.04	13.1	2.42	14.0	2.61	14.9	2.81	16.7	3.21	17.4	3.29
		18	9.45	1.71	11.3	2.08	13.1	2.46	14.0	2.66	14.9	2.86	16.7	3.39	17.2	3.46
		20	9.45	1.74	11.3	2.12	13.1	2.54	14.0	2.80	14.9	3.07	16.6	3.60	17.0	3.63
		21	9.45	1.76	11.3	2.14	13.1	2.63	14.0	2.90	14.9	3.18	16.5	3.69	16.8	3.71
		23	9.45	1.80	11.3	2.28	13.1	2.81	14.0	3.10	14.9	3.41	16.3	3.85	16.6	3.88
		25	9.45	1.92	11.3	2.44	13.1	3.01	14.0	3.32	14.9	3.65	16.0	4.02	16.4	4.05
		27	9.45	2.05	11.3	2.60	13.1	3.22	14.0	3.55	14.9	3.90	15.8	4.19	16.1	4.22
		29	9.45	2.18	11.3	2.77	13.1	3.44	14.0	3.80	14.9	4.17	15.6	4.36	15.9	4.40
		31	9.45	2.32	11.3	2.95	13.1	3.67	14.0	4.05	14.9	4.46	15.3	4.53	15.7	4.57
		33	9.45	2.47	11.3	3.15	13.1	3.91	14.0	4.32	14.7	4.66	15.1	4.70	15.4	4.74
		35	9.45	2.62	11.3	3.35	13.1	4.17	14.0	4.61	14.5	4.83	14.9	4.87	15.2	4.91
		37	9.45	2.79	11.3	3.56	13.1	4.44	14.0	4.91	14.3	5.00	14.6	5.05	15.0	5.09
		39	9.45	2.96	11.3	3.79	13.1	4.73	13.9	5.15	14.0	5.17	14.4	5.22	14.7	5.26
90%	112.5	10	8.50	1.42	10.1	1.71	11.8	2.02	12.6	2.19	13.4	2.35	15.1	2.68	16.7	3.02
		12	8.50	1.45	10.1	1.75	11.8	2.06	12.6	2.23	13.4	2.39	15.1	2.73	16.7	3.08
		14	8.50	1.47	10.1	1.78	11.8	2.10	12.6	2.27	13.4	2.44	15.1	2.79	16.7	3.14
		16	8.50	1.50	10.1	1.81	11.8	2.14	12.6	2.31	13.4	2.49	15.1	2.84	16.7	3.20
		18	8.50	1.52	10.1	1.84	11.8	2.18	12.6	2.36	13.4	2.53	15.1	2.90	16.7	3.38
		20	8.50	1.55	10.1	1.88	11.8	2.23	12.6	2.40	13.4	2.63	15.1	3.11	16.6	3.60
		21	8.50	1.57	10.1	1.90	11.8	2.26	12.6	2.49	13.4	2.72	15.1	3.22	16.5	3.69
		23	8.50	1.60	10.1	1.98	11.8	2.42	12.6	2.66	13.4	2.92	15.1	3.46	16.3	3.85
		25	8.50	1.68	10.1	2.11	11.8	2.59	12.6	2.85	13.4	3.12	15.1	3.70	16.0	4.02
		27	8.50	1.79	10.1	2.25	11.8	2.77	12.6	3.04	13.4	3.34	15.1	3.96	15.8	4.19
		29	8.50	1.90	10.1	2.40	11.8	2.95	12.6	3.25	13.4	3.56	15.1	4.24	15.5	4.36
		31	8.50	2.02	10.1	2.55	11.8	3.15	12.6	3.47	13.4	3.80	15.0	4.50	15.3	4.53
		33	8.50	2.15	10.1	2.72	11.8	3.35	12.6	3.70	13.4	4.06	14.8	4.67	15.1	4.70
		35	8.50	2.28	10.1	2.89	11.8	3.57	12.6	3.94	13.4	4.32	14.5	4.84	14.8	4.87
		37	8.50	2.42	10.1	3.07	11.8	3.80	12.6	4.19	13.4	4.61	14.3	5.01	14.6	5.05
		39	8.50	2.57	10.1	3.27	11.8	4.04	12.6	4.47	13.4	4.91	14.1	5.18	14.4	5.22

3 Capacity tables

3 - 1 Cooling capacity tables

5HP

TC: Total Capacity ; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	100	10	7.56	1.26	9.02	1.51	10.5	1.78	11.2	1.91	11.9	2.05	13.4	2.34	14.8	2.64
		12	7.56	1.28	9.02	1.54	10.5	1.81	11.2	1.95	11.9	2.09	13.4	2.39	14.8	2.69
		14	7.56	1.30	9.02	1.56	10.5	1.84	11.2	1.98	11.9	2.13	13.4	2.43	14.8	2.74
		16	7.56	1.33	9.02	1.59	10.5	1.88	11.2	2.02	11.9	2.17	13.4	2.48	14.8	2.79
		18	7.56	1.35	9.02	1.62	10.5	1.91	11.2	2.06	11.9	2.21	13.4	2.53	14.8	2.85
		20	7.56	1.37	9.02	1.65	10.5	1.95	11.2	2.10	11.9	2.26	13.4	2.62	14.8	3.05
		21	7.56	1.38	9.02	1.67	10.5	1.97	11.2	2.12	11.9	2.30	13.4	2.71	14.8	3.16
		23	7.56	1.41	9.02	1.70	10.5	2.06	11.2	2.26	11.9	2.47	13.4	2.91	14.8	3.38
		25	7.56	1.46	9.02	1.81	10.5	2.20	11.2	2.41	11.9	2.64	13.4	3.11	14.8	3.62
		27	7.56	1.55	9.02	1.93	10.5	2.35	11.2	2.58	11.9	2.82	13.4	3.32	14.8	3.88
		29	7.56	1.65	9.02	2.05	10.5	2.50	11.2	2.75	11.9	3.00	13.4	3.55	14.8	4.14
		31	7.56	1.75	9.02	2.18	10.5	2.67	11.2	2.93	11.9	3.20	13.4	3.79	14.8	4.43
		33	7.56	1.85	9.02	2.32	10.5	2.84	11.2	3.12	11.9	3.41	13.4	4.04	14.7	4.66
		35	7.56	1.97	9.02	2.46	10.5	3.02	11.2	3.32	11.9	3.64	13.4	4.31	14.5	4.83
		37	7.56	2.09	9.02	2.62	10.5	3.21	11.2	3.53	11.9	3.87	13.4	4.59	14.3	5.00
		39	7.56	2.21	9.02	2.78	10.5	3.42	11.2	3.76	11.9	4.12	13.4	4.89	14.0	5.17
70%	87.5	10	6.61	1.11	7.89	1.32	9.16	1.54	9.80	1.65	10.4	1.77	11.7	2.01	13.0	2.26
		12	6.61	1.13	7.89	1.34	9.16	1.56	9.80	1.68	10.4	1.80	11.7	2.05	13.0	2.30
		14	6.61	1.14	7.89	1.36	9.16	1.59	9.80	1.71	10.4	1.83	11.7	2.09	13.0	2.35
		16	6.61	1.16	7.89	1.38	9.16	1.62	9.80	1.74	10.4	1.87	11.7	2.13	13.0	2.39
		18	6.61	1.18	7.89	1.41	9.16	1.65	9.80	1.78	10.4	1.90	11.7	2.17	13.0	2.44
		20	6.61	1.20	7.89	1.43	9.16	1.68	9.80	1.81	10.4	1.94	11.7	2.21	13.0	2.51
		21	6.61	1.21	7.89	1.45	9.16	1.70	9.80	1.83	10.4	1.96	11.7	2.25	13.0	2.60
		23	6.61	1.23	7.89	1.47	9.16	1.73	9.80	1.89	10.4	2.05	11.7	2.40	13.0	2.78
		25	6.61	1.26	7.89	1.53	9.16	1.85	9.80	2.02	10.4	2.19	11.7	2.57	13.0	2.98
		27	6.61	1.33	7.89	1.63	9.16	1.97	9.80	2.15	10.4	2.34	11.7	2.74	13.0	3.18
		29	6.61	1.41	7.89	1.73	9.16	2.10	9.80	2.29	10.4	2.49	11.7	2.93	13.0	3.40
		31	6.61	1.49	7.89	1.84	9.16	2.23	9.80	2.44	10.4	2.66	11.7	3.12	13.0	3.62
		33	6.61	1.58	7.89	1.96	9.16	2.37	9.80	2.59	10.4	2.83	11.7	3.32	13.0	3.86
		35	6.61	1.68	7.89	2.07	9.16	2.52	9.80	2.76	10.4	3.01	11.7	3.54	13.0	4.12
		37	6.61	1.77	7.89	2.20	9.16	2.67	9.80	2.93	10.4	3.20	11.7	3.77	13.0	4.39
		39	6.61	1.88	7.89	2.33	9.16	2.84	9.80	3.11	10.4	3.40	11.7	4.01	13.0	4.67
60%	75	10	5.67	0.97	6.76	1.13	7.85	1.31	8.40	1.40	8.95	1.50	10.0	1.70	11.1	1.90
		12	5.67	0.98	6.76	1.15	7.85	1.33	8.40	1.43	8.95	1.52	10.0	1.73	11.1	1.93
		14	5.67	0.99	6.76	1.17	7.85	1.36	8.40	1.45	8.95	1.55	10.0	1.76	11.1	1.97
		16	5.67	1.01	6.76	1.19	7.85	1.38	8.40	1.48	8.95	1.58	10.0	1.79	11.1	2.01
		18	5.67	1.02	6.76	1.21	7.85	1.40	8.40	1.50	8.95	1.61	10.0	1.82	11.1	2.05
		20	5.67	1.04	6.76	1.23	7.85	1.43	8.40	1.53	8.95	1.64	10.0	1.86	11.1	2.09
		21	5.67	1.05	6.76	1.24	7.85	1.44	8.40	1.55	8.95	1.65	10.0	1.88	11.1	2.11
		23	5.67	1.07	6.76	1.26	7.85	1.47	8.40	1.58	8.95	1.69	10.0	1.95	11.1	2.24
		25	5.67	1.08	6.76	1.28	7.85	1.52	8.40	1.66	8.95	1.79	10.0	2.08	11.1	2.39
		27	5.67	1.12	6.76	1.36	7.85	1.62	8.40	1.76	8.95	1.91	10.0	2.22	11.1	2.56
		29	5.67	1.19	6.76	1.44	7.85	1.72	8.40	1.88	8.95	2.03	10.0	2.37	11.1	2.73
		31	5.67	1.26	6.76	1.53	7.85	1.83	8.40	1.99	8.95	2.16	10.0	2.52	11.1	2.90
		33	5.67	1.33	6.76	1.62	7.85	1.94	8.40	2.12	8.95	2.30	10.0	2.68	11.1	3.09
		35	5.67	1.41	6.76	1.72	7.85	2.06	8.40	2.25	8.95	2.44	10.0	2.85	11.1	3.29
		37	5.67	1.49	6.76	1.82	7.85	2.19	8.40	2.38	8.95	2.59	10.0	3.03	11.1	3.50
		39	5.67	1.57	6.76	1.93	7.85	2.32	8.40	2.53	8.95	2.75	10.0	3.22	11.1	3.73
50%	62.5	10	4.72	0.83	5.63	0.96	6.54	1.10	7.00	1.17	7.46	1.25	8.37	1.40	9.28	1.56
		12	4.72	0.84	5.63	0.97	6.54	1.12	7.00	1.19	7.46	1.27	8.37	1.42	9.28	1.58
		14	4.72	0.85	5.63	0.99	6.54	1.13	7.00	1.21	7.46	1.29	8.37	1.45	9.28	1.61
		16	4.72	0.86	5.63	1.00	6.54	1.15	7.00	1.23	7.46	1.31	8.37	1.47	9.28	1.64
		18	4.72	0.88	5.63	1.02	6.54	1.17	7.00	1.25	7.46	1.33	8.37	1.50	9.28	1.67
		20	4.72	0.89	5.63	1.03	6.54	1.19	7.00	1.27	7.46	1.35	8.37	1.53	9.28	1.70
		21	4.72	0.89	5.63	1.04	6.54	1.20	7.00	1.28	7.46	1.37	8.37	1.54	9.28	1.72
		23	4.72	0.91	5.63	1.06	6.54	1.22	7.00	1.30	7.46	1.39	8.37	1.57	9.28	1.76
		25	4.72	0.92	5.63	1.08	6.54	1.24	7.00	1.33	7.46	1.43	8.37	1.65	9.28	1.88
		27	4.72	0.94	5.63	1.12	6.54	1.31	7.00	1.42	7.46	1.52	8.37	1.75	9.28	2.00
		29	4.72	0.99	5.63	1.18	6.54	1.39	7.00	1.50	7.46	1.62	8.37	1.87	9.28	2.13
		31	4.72	1.05	5.63	1.25	6.54	1.48	7.00	1.59	7.46	1.72	8.37	1.98	9.28	2.27
		33	4.72	1.11	5.63	1.32	6.54	1.56	7.00	1.69	7.46	1.82	8.37	2.11	9.28	2.41
		35	4.72	1.17	5.63	1.40	6.54	1.66	7.00	1.79	7.46	1.93	8.37	2.24	9.28	2.56
		37	4.72	1.23	5.63	1.48	6.54	1.75	7.00	1.90	7.46	2.05	8.37	2.37	9.28	2.72
		39	4.72	1.30	5.63	1.56	6.54	1.85	7.00	2.01	7.46	2.17	8.37	2.52	9.28	2.89

3 Capacity tables

3 - 1 Cooling capacity tables

6HP

TC: Total Capacity ; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	182	10	13.6	2.34	16.2	2.86	18.8	3.41	19.8	3.58	20.1	3.51	20.6	3.36	21.1	3.20
		12	13.6	2.38	16.2	2.92	18.8	3.47	19.6	3.56	19.8	3.49	20.3	3.33	20.8	3.28
		14	13.6	2.43	16.2	2.97	18.8	3.54	19.3	3.54	19.6	3.47	20.1	3.44	20.5	3.47
		16	13.6	2.47	16.2	3.03	18.8	3.60	19.1	3.57	19.3	3.59	19.8	3.62	20.3	3.66
		18	13.6	2.52	16.2	3.09	18.6	3.74	18.8	3.75	19.1	3.77	19.5	3.81	20.0	3.84
		20	13.6	2.57	16.2	3.29	18.3	3.92	18.6	3.94	18.8	3.96	19.3	3.99	19.8	4.03
		21	13.6	2.64	16.2	3.41	18.2	4.01	18.4	4.03	18.7	4.05	19.2	4.09	19.6	4.13
		23	13.6	2.83	16.2	3.66	17.9	4.19	18.2	4.21	18.4	4.23	18.9	4.28	19.4	4.32
		25	13.6	3.03	16.2	3.92	17.7	4.38	17.9	4.40	18.2	4.42	18.6	4.46	19.1	4.51
		27	13.6	3.23	16.2	4.19	17.4	4.56	17.7	4.58	17.9	4.61	18.4	4.65	18.9	4.70
		29	13.6	3.45	16.2	4.48	17.1	4.74	17.4	4.77	17.6	4.79	18.1	4.84	18.6	4.89
		31	13.6	3.68	16.2	4.78	16.9	4.93	17.1	4.96	17.4	4.98	17.9	5.03	18.4	5.09
		33	13.6	3.92	16.1	5.06	16.6	5.12	16.9	5.14	17.1	5.17	17.6	5.23	18.1	5.28
		35	13.6	4.18	15.9	5.24	16.4	5.30	16.6	5.33	16.9	5.36	17.4	5.42	17.8	5.48
		37	13.6	4.45	15.6	5.43	16.1	5.49	16.4	5.52	16.6	5.55	17.1	5.61	17.6	5.68
		39	13.6	4.74	15.4	5.61	15.9	5.68	16.1	5.71	16.4	5.74	16.8	5.81	17.3	5.87
120%	168	10	12.6	2.14	15.0	2.61	17.4	3.10	18.6	3.36	19.8	3.60	20.2	3.46	20.7	3.32
		12	12.6	2.18	15.0	2.66	17.4	3.16	18.6	3.42	19.5	3.58	20.0	3.44	20.4	3.30
		14	12.6	2.22	15.0	2.71	17.4	3.22	18.6	3.48	19.3	3.56	19.7	3.42	20.2	3.44
		16	12.6	2.26	15.0	2.76	17.4	3.29	18.6	3.55	19.0	3.57	19.5	3.60	19.9	3.63
		18	12.6	2.30	15.0	2.82	17.4	3.40	18.5	3.73	18.7	3.75	19.2	3.78	19.6	3.82
		20	12.6	2.35	15.0	2.93	17.4	3.65	18.3	3.91	18.5	3.93	18.9	3.97	19.4	4.00
		21	12.6	2.37	15.0	3.03	17.4	3.79	18.1	4.01	18.4	4.02	18.8	4.06	19.3	4.10
		23	12.6	2.53	15.0	3.25	17.4	4.06	17.9	4.19	18.1	4.21	18.6	4.25	19.0	4.28
		25	12.6	2.71	15.0	3.48	17.4	4.35	17.6	4.37	17.8	4.39	18.3	4.43	18.7	4.47
		27	12.6	2.89	15.0	3.72	17.1	4.53	17.4	4.55	17.6	4.58	18.0	4.62	18.5	4.66
		29	12.6	3.08	15.0	3.97	16.9	4.72	17.1	4.74	17.3	4.76	17.8	4.81	18.2	4.85
		31	12.6	3.28	15.0	4.24	16.6	4.90	16.8	4.92	17.1	4.95	17.5	5.00	18.0	5.05
		33	12.6	3.50	15.0	4.52	16.4	5.08	16.6	5.11	16.8	5.14	17.3	5.19	17.7	5.24
		35	12.6	3.72	15.0	4.82	16.1	5.27	16.3	5.30	16.6	5.32	17.0	5.38	17.5	5.43
		37	12.6	3.96	15.0	5.14	15.8	5.46	16.1	5.48	16.3	5.51	16.8	5.57	17.2	5.63
		39	12.6	4.22	15.0	5.47	15.6	5.64	15.8	5.67	16.0	5.70	16.5	5.76	16.9	5.82
110%	154	10	11.5	1.94	13.7	2.36	15.9	2.81	17.1	3.03	18.2	3.26	19.9	3.57	20.3	3.44
		12	11.5	1.98	13.7	2.41	15.9	2.86	17.1	3.09	18.2	3.33	19.6	3.55	20.0	3.42
		14	11.5	2.01	13.7	2.45	15.9	2.91	17.1	3.15	18.2	3.39	19.4	3.53	19.8	3.42
		16	11.5	2.05	13.7	2.50	15.9	2.97	17.1	3.21	18.2	3.45	19.1	3.57	19.5	3.60
		18	11.5	2.09	13.7	2.55	15.9	3.03	17.1	3.30	18.2	3.63	18.9	3.76	19.3	3.79
		20	11.5	2.13	13.7	2.60	15.9	3.21	17.1	3.55	18.2	3.90	18.6	3.94	19.0	3.97
		21	11.5	2.15	13.7	2.68	15.9	3.33	17.1	3.67	18.0	4.00	18.5	4.03	18.9	4.07
		23	11.5	2.25	13.7	2.87	15.9	3.56	17.1	3.94	17.8	4.18	18.2	4.22	18.6	4.25
		25	11.5	2.40	13.7	3.07	15.9	3.82	17.1	4.22	17.5	4.36	18.0	4.40	18.4	4.44
		27	11.5	2.56	13.7	3.28	15.9	4.08	17.1	4.52	17.3	4.55	17.7	4.59	18.1	4.63
		29	11.5	2.73	13.7	3.50	15.9	4.36	16.8	4.71	17.0	4.73	17.4	4.77	17.9	4.81
		31	11.5	2.91	13.7	3.73	15.9	4.66	16.6	4.89	16.8	4.92	17.2	4.96	17.6	5.00
		33	11.5	3.10	13.7	3.98	15.9	4.97	16.3	5.08	16.5	5.10	16.9	5.15	17.3	5.19
		35	11.5	3.29	13.7	4.24	15.8	5.24	16.0	5.26	16.2	5.29	16.7	5.34	17.1	5.39
		37	11.5	3.50	13.7	4.51	15.6	5.42	15.8	5.45	16.0	5.47	16.4	5.53	16.8	5.58
		39	11.5	3.72	13.7	4.80	15.3	5.61	15.5	5.64	15.7	5.66	16.2	5.72	16.6	5.77
100%	140	10	10.5	1.75	12.5	2.12	14.5	2.51	15.5	2.72	16.5	2.92	18.5	3.34	19.9	3.56
		12	10.5	1.78	12.5	2.16	14.5	2.56	15.5	2.77	16.5	2.98	18.5	3.40	19.7	3.54
		14	10.5	1.81	12.5	2.20	14.5	2.61	15.5	2.82	16.5	3.03	18.5	3.47	19.4	3.52
		16	10.5	1.85	12.5	2.24	14.5	2.66	15.5	2.88	16.5	3.09	18.5	3.54	19.1	3.58
		18	10.5	1.88	12.5	2.29	14.5	2.71	15.5	2.93	16.5	3.16	18.5	3.73	18.9	3.76
		20	10.5	1.92	12.5	2.33	14.5	2.80	15.5	3.08	16.5	3.38	18.2	3.91	18.6	3.94
		21	10.5	1.93	12.5	2.36	14.5	2.89	15.5	3.19	16.5	3.50	18.1	4.00	18.5	4.03
		23	10.5	1.99	12.5	2.51	14.5	3.10	15.5	3.42	16.5	3.75	17.9	4.19	18.2	4.22
		25	10.5	2.12	12.5	2.68	14.5	3.32	15.5	3.66	16.5	4.02	17.6	4.37	18.0	4.40
		27	10.5	2.26	12.5	2.86	14.5	3.55	15.5	3.91	16.5	4.30	17.3	4.55	17.7	4.59
		29	10.5	2.40	12.5	3.06	14.5	3.79	15.5	4.18	16.5	4.60	17.1	4.74	17.5	4.78
		31	10.5	2.56	12.5	3.26	14.5	4.04	15.5	4.46	16.5	4.88	16.8	4.92	17.2	4.96
		33	10.5	2.72	12.5	3.47	14.5	4.31	15.5	4.76	16.2	5.07	16.6	5.11	17.0	5.15
		35	10.5	2.89	12.5	3.69	14.5	4.59	15.5	5.08	15.9	5.25	16.3	5.30	16.7	5.34
		37	10.5	3.07	12.5	3.93	14.5	4.89	15.5	5.41	15.7	5.44	16.1	5.48	16.4	5.53
		39	10.5	3.26	12.5	4.18	14.5	5.21	15.2	5.60	15.4	5.62	15.8	5.67	16.2	5.72
90%	126	10	9.41	1.57	11.2	1.89	13.0	2.23	14.0	2.41	14.9	2.59	16.7	2.96	18.5	3.33
		12	9.41	1.59	11.2	1.92	13.0	2.27	14.0	2.45	14.9	2.64	16.7	3.01	18.5	3.39
		14	9.41	1.62	11.2	1.96	13.0	2.31	14.0	2.50	14.9	2.69	16.7	3.07	18.5	3.46
		16	9.41	1.65	11.2	1.99	13.0	2.36	14.0	2.55	14.9	2.74	16.7	3.13	18.5	3.53
		18	9.41	1.68	11.2	2.03	13.0	2.40	14.0	2.60	14.9	2.79	16.7	3.19	18.5	3.73
		20	9.41	1.71	11.2	2.07	13.0	2.45	14.0	2.65	14.9	2.90	16.7	3.43	18.2	3.91
		21	9.41	1.73	11.2	2.09	13.0	2.50	14.0	2.74	14.9	3.00	16.7	3.55	18.1	4.00
		23	9.41	1.76	11.2	2.18	13.0	2.67	14.0	2.94	14.9	3.21	16.7	3.81	17.9	4.19
		25	9.41	1.85	11.2	2.33	13.0	2.85	14.0	3.14	14.9	3.44	16.7	4.08	17.6	4.37
		27	9.41	1.97	11.2	2.48	13.0	3.05	14.0	3.36	14.9	3.68	16.7	4.37	17.3	4.55
		29	9.41	2.10	11.2	2.64	13.0	3.25	14.0	3.58	14.9	3.93	16.7	4.67	17.1	4.74
		31	9.41	2.23	11.2	2.81	13.0	3.47	14.0	3.82	14.9	4.19	16.5	4.89	16.8	4.92
		33	9.41	2.37	11.2	2.99	13.0	3.69	14.0	4.07	14.9	4.47	16.2	5.07	16.6	5.11
		35	9.41	2.52	11.2	3.18	13.0	3.93	14.0	4.34	14.9	4.77	16.0	5.25	16.3	5.29
		37	9.41	2.67	11.2	3.39	13.0	4.19	14.0	4.62	14.9	5.08	15.7	5.44	16.1	5.48
		39	9.41	2.83	11.2	3.60	13.0	4.46	14.0	4.92	14.9	5.41	15.5	5.63	15.8	5.67

3 Capacity tables

3 - 1 Cooling capacity tables

6HP

TC: Total Capacity ; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	112	10	8.37	1.39	9.98	1.67	11.6	1.96	12.4	2.11	13.2	2.26	14.8	2.58	16.4	2.91
		12	8.37	1.41	9.98	1.69	11.6	1.99	12.4	2.15	13.2	2.30	14.8	2.63	16.4	2.96
		14	8.37	1.44	9.98	1.72	11.6	2.03	12.4	2.19	13.2	2.35	14.8	2.68	16.4	3.02
		16	8.37	1.46	9.98	1.75	11.6	2.07	12.4	2.23	13.2	2.39	14.8	2.73	16.4	3.08
		18	8.37	1.49	9.98	1.79	11.6	2.11	12.4	2.27	13.2	2.44	14.8	2.78	16.4	3.14
		20	8.37	1.51	9.98	1.82	11.6	2.15	12.4	2.32	13.2	2.49	14.8	2.89	16.4	3.36
		21	8.37	1.53	9.98	1.84	11.6	2.17	12.4	2.34	13.2	2.54	14.8	2.99	16.4	3.48
		23	8.37	1.55	9.98	1.87	11.6	2.27	12.4	2.49	13.2	2.72	14.8	3.20	16.4	3.73
		25	8.37	1.60	9.98	1.99	11.6	2.43	12.4	2.66	13.2	2.91	14.8	3.43	16.4	3.99
		27	8.37	1.71	9.98	2.12	11.6	2.59	12.4	2.84	13.2	3.10	14.8	3.66	16.4	4.27
		29	8.37	1.81	9.98	2.26	11.6	2.76	12.4	3.03	13.2	3.31	14.8	3.91	16.4	4.57
		31	8.37	1.93	9.98	2.41	11.6	2.94	12.4	3.23	13.2	3.53	14.8	4.18	16.4	4.88
		33	8.37	2.04	9.98	2.56	11.6	3.13	12.4	3.44	13.2	3.76	14.8	4.45	16.2	5.06
		35	8.37	2.17	9.98	2.72	11.6	3.33	12.4	3.66	13.2	4.01	14.8	4.75	15.9	5.25
		37	8.37	2.30	9.98	2.88	11.6	3.54	12.4	3.89	13.2	4.26	14.8	5.06	15.7	5.43
		39	8.37	2.43	9.98	3.06	11.6	3.76	12.4	4.14	13.2	4.54	14.8	5.39	15.4	5.62
70%	98	10	7.32	1.22	8.73	1.45	10.1	1.69	10.9	1.82	11.6	1.95	13.0	2.22	14.4	2.49
		12	7.32	1.24	8.73	1.48	10.1	1.72	10.9	1.85	11.6	1.98	13.0	2.26	14.4	2.54
		14	7.32	1.26	8.73	1.50	10.1	1.75	10.9	1.89	11.6	2.02	13.0	2.30	14.4	2.59
		16	7.32	1.28	8.73	1.53	10.1	1.79	10.9	1.92	11.6	2.06	13.0	2.34	14.4	2.64
		18	7.32	1.30	8.73	1.55	10.1	1.82	10.9	1.96	11.6	2.10	13.0	2.39	14.4	2.69
		20	7.32	1.32	8.73	1.58	10.1	1.85	10.9	1.99	11.6	2.14	13.0	2.44	14.4	2.76
		21	7.32	1.34	8.73	1.59	10.1	1.87	10.9	2.01	11.6	2.16	13.0	2.47	14.4	2.86
		23	7.32	1.36	8.73	1.62	10.1	1.91	10.9	2.08	11.6	2.26	13.0	2.65	14.4	3.07
		25	7.32	1.38	8.73	1.69	10.1	2.04	10.9	2.22	11.6	2.42	13.0	2.83	14.4	3.28
		27	7.32	1.46	8.73	1.80	10.1	2.17	10.9	2.37	11.6	2.58	13.0	3.02	14.4	3.50
		29	7.32	1.55	8.73	1.91	10.1	2.31	10.9	2.52	11.6	2.75	13.0	3.23	14.4	3.74
		31	7.32	1.65	8.73	2.03	10.1	2.46	10.9	2.69	11.6	2.93	13.0	3.44	14.4	3.99
		33	7.32	1.74	8.73	2.15	10.1	2.61	10.9	2.86	11.6	3.11	13.0	3.66	14.4	4.26
		35	7.32	1.85	8.73	2.29	10.1	2.78	10.9	3.04	11.6	3.31	13.0	3.90	14.4	4.54
		37	7.32	1.95	8.73	2.42	10.1	2.95	10.9	3.23	11.6	3.52	13.0	4.15	14.4	4.83
		39	7.32	2.07	8.73	2.57	10.1	3.13	10.9	3.43	11.6	3.75	13.0	4.42	14.4	5.15
60%	84	10	6.28	1.06	7.49	1.25	8.70	1.45	9.30	1.55	9.90	1.65	11.1	1.87	12.3	2.09
		12	6.28	1.08	7.49	1.27	8.70	1.47	9.30	1.57	9.90	1.68	11.1	1.90	12.3	2.13
		14	6.28	1.09	7.49	1.29	8.70	1.49	9.30	1.60	9.90	1.71	11.1	1.94	12.3	2.17
		16	6.28	1.11	7.49	1.31	8.70	1.52	9.30	1.63	9.90	1.74	11.1	1.97	12.3	2.21
		18	6.28	1.13	7.49	1.33	8.70	1.55	9.30	1.66	9.90	1.77	11.1	2.01	12.3	2.26
		20	6.28	1.15	7.49	1.35	8.70	1.57	9.30	1.69	9.90	1.81	11.1	2.05	12.3	2.30
		21	6.28	1.15	7.49	1.36	8.70	1.59	9.30	1.70	9.90	1.82	11.1	2.07	12.3	2.32
		23	6.28	1.17	7.49	1.39	8.70	1.62	9.30	1.74	9.90	1.86	11.1	2.15	12.3	2.47
		25	6.28	1.19	7.49	1.41	8.70	1.68	9.30	1.82	9.90	1.97	11.1	2.29	12.3	2.64
		27	6.28	1.24	7.49	1.50	8.70	1.79	9.30	1.94	9.90	2.10	11.1	2.45	12.3	2.82
		29	6.28	1.31	7.49	1.59	8.70	1.90	9.30	2.07	9.90	2.24	11.1	2.61	12.3	3.00
		31	6.28	1.39	7.49	1.69	8.70	2.02	9.30	2.20	9.90	2.38	11.1	2.78	12.3	3.20
		33	6.28	1.47	7.49	1.79	8.70	2.14	9.30	2.33	9.90	2.53	11.1	2.95	12.3	3.41
		35	6.28	1.55	7.49	1.89	8.70	2.27	9.30	2.48	9.90	2.69	11.1	3.14	12.3	3.63
		37	6.28	1.64	7.49	2.01	8.70	2.41	9.30	2.63	9.90	2.85	11.1	3.34	12.3	3.86
		39	6.28	1.73	7.49	2.12	8.70	2.56	9.30	2.79	9.90	3.03	11.1	3.55	12.3	4.11
50%	70	10	5.23	0.91	6.24	1.06	7.25	1.21	7.75	1.29	8.25	1.37	9.26	1.54	10.3	1.72
		12	5.23	0.93	6.24	1.07	7.25	1.23	7.75	1.31	8.25	1.39	9.26	1.57	10.3	1.75
		14	5.23	0.94	6.24	1.09	7.25	1.25	7.75	1.33	8.25	1.42	9.26	1.59	10.3	1.78
		16	5.23	0.95	6.24	1.11	7.25	1.27	7.75	1.35	8.25	1.44	9.26	1.62	10.3	1.81
		18	5.23	0.96	6.24	1.12	7.25	1.29	7.75	1.38	8.25	1.47	9.26	1.65	10.3	1.84
		20	5.23	0.98	6.24	1.14	7.25	1.31	7.75	1.40	8.25	1.49	9.26	1.68	10.3	1.88
		21	5.23	0.99	6.24	1.15	7.25	1.32	7.75	1.41	8.25	1.50	9.26	1.70	10.3	1.90
		23	5.23	1.00	6.24	1.17	7.25	1.34	7.75	1.44	8.25	1.53	9.26	1.73	10.3	1.94
		25	5.23	1.02	6.24	1.19	7.25	1.37	7.75	1.47	8.25	1.58	9.26	1.82	10.3	2.07
		27	5.23	1.03	6.24	1.23	7.25	1.44	7.75	1.56	8.25	1.68	9.26	1.93	10.3	2.20
		29	5.23	1.09	6.24	1.30	7.25	1.53	7.75	1.66	8.25	1.78	9.26	2.06	10.3	2.35
		31	5.23	1.15	6.24	1.38	7.25	1.63	7.75	1.76	8.25	1.89	9.26	2.18	10.3	2.50
		33	5.23	1.22	6.24	1.46	7.25	1.72	7.75	1.86	8.25	2.01	9.26	2.32	10.3	2.65
		35	5.23	1.29	6.24	1.54	7.25	1.82	7.75	1.97	8.25	2.13	9.26	2.46	10.3	2.82
		37	5.23	1.36	6.24	1.63	7.25	1.93	7.75	2.09	8.25	2.26	9.26	2.61	10.3	3.00
		39	5.23	1.43	6.24	1.72	7.25	2.04	7.75	2.21	8.25	2.39	9.26	2.77	10.3	3.18

3 Capacity tables

3 - 2 Heating capacity tables

4HP

TC: Total Capacity ; PI: Power Input)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	130	-19.8	-20.0	7.51	1.92	7.48	2.09	7.46	2.26	7.44	2.35	7.43	2.43	7.40	2.60
		-18.8	-19.0	7.73	2.01	7.71	2.18	7.68	2.34	7.66	2.43	7.65	2.51	7.62	2.68
		-16.7	-17.0	8.18	2.18	8.15	2.34	8.12	2.49	8.11	2.57	8.09	2.65	8.06	2.81
		-14.7	-15.0	8.62	2.33	8.59	2.48	8.56	2.63	8.55	2.70	8.53	2.78	8.51	2.93
		-12.6	-13.0	9.06	2.47	9.03	2.61	9.01	2.75	8.99	2.82	8.98	2.89	8.95	3.03
		-10.5	-11.0	9.51	2.59	9.48	2.73	9.45	2.86	9.43	2.93	9.42	3.00	9.39	3.13
		-9.5	-10.0	9.73	2.65	9.70	2.78	9.67	2.91	9.66	2.98	9.64	3.04	9.61	3.18
		-8.5	-9.1	9.93	2.70	9.90	2.83	9.87	2.96	9.85	3.02	9.84	3.09	9.81	3.21
		-7.0	-7.6	10.3	2.78	10.2	2.90	10.2	3.03	10.2	3.09	10.2	3.15	10.1	3.27
		-5.0	-5.6	10.7	2.88	10.7	2.99	10.6	3.11	10.6	3.17	10.6	3.23	10.6	3.35
		-3.0	-3.7	11.1	2.96	11.1	3.07	11.1	3.19	11.0	3.25	11.0	3.30	11.0	3.42
		0.0	-0.7	11.8	3.08	11.8	3.19	11.7	3.30	11.7	3.35	11.7	3.40	11.7	3.51
		3.0	2.2	12.4	3.19	12.4	3.29	12.4	3.39	12.4	3.44	12.3	3.49	12.3	3.59
		5.0	4.1	12.8	3.25	12.8	3.35	12.8	3.45	12.8	3.50	12.8	3.55	12.7	3.64
		7.0	6.0	13.3	3.31	13.2	3.41	13.2	3.50	13.2	3.55	13.2	3.60	13.2	3.69
		9.0	7.9	13.7	3.37	13.7	3.46	13.6	3.55	13.6	3.60	13.6	3.64	13.6	3.73
		11.0	9.8	14.1	3.42	14.1	3.51	14.1	3.60	14.0	3.64	14.0	3.69	14.0	3.78
		13.0	11.8	14.6	3.47	14.5	3.56	14.5	3.64	14.5	3.69	14.5	3.73	14.2	3.70
		15.0	13.7	15.0	3.52	14.9	3.60	14.9	3.69	14.9	3.73	14.9	3.77	14.2	3.58
120%	120	-19.8	-20.0	7.47	2.15	7.45	2.31	7.42	2.47	7.41	2.55	7.40	2.62	7.37	2.78
		-18.8	-19.0	7.70	2.24	7.67	2.39	7.64	2.54	7.63	2.62	7.62	2.70	7.59	2.85
		-16.7	-17.0	8.14	2.39	8.11	2.54	8.09	2.68	8.07	2.76	8.06	2.83	8.03	2.97
		-14.7	-15.0	8.58	2.53	8.55	2.67	8.53	2.81	8.52	2.88	8.50	2.95	8.48	3.08
		-12.6	-13.0	9.02	2.66	9.00	2.79	8.97	2.92	8.96	2.99	8.94	3.05	8.92	3.18
		-10.5	-11.0	9.47	2.77	9.44	2.90	9.41	3.02	9.40	3.08	9.39	3.15	9.36	3.27
		-9.5	-10.0	9.69	2.83	9.66	2.95	9.64	3.07	9.62	3.13	9.61	3.19	9.58	3.31
		-8.5	-9.1	9.89	2.87	9.86	2.99	9.83	3.11	9.82	3.17	9.81	3.23	9.78	3.35
		-7.0	-7.6	10.2	2.95	10.2	3.06	10.2	3.18	10.2	3.23	10.1	3.29	10.1	3.40
		-5.0	-5.6	10.7	3.04	10.6	3.15	10.6	3.26	10.6	3.31	10.6	3.36	10.6	3.47
		-3.0	-3.7	11.1	3.11	11.1	3.22	11.0	3.33	11.0	3.38	11.0	3.43	11.0	3.54
		0.0	-0.7	11.7	3.23	11.7	3.33	11.7	3.43	11.7	3.48	11.7	3.52	11.6	3.62
		3.0	2.2	12.4	3.32	12.4	3.42	12.3	3.51	12.3	3.56	12.3	3.61	12.3	3.70
		5.0	4.1	12.8	3.38	12.8	3.47	12.8	3.57	12.7	3.61	12.7	3.66	12.7	3.75
		7.0	6.0	13.2	3.44	13.2	3.53	13.2	3.61	13.2	3.66	13.1	3.70	13.1	3.77
		9.0	7.9	13.6	3.49	13.6	3.58	13.6	3.66	13.6	3.70	13.6	3.75	13.1	3.63
		11.0	9.8	14.1	3.54	14.0	3.62	14.0	3.70	14.0	3.75	14.0	3.79	13.1	3.49
		13.0	11.8	14.5	3.59	14.5	3.67	14.5	3.75	14.4	3.79	14.0	3.67	13.1	3.37
		15.0	13.7	14.9	3.63	14.9	3.71	14.9	3.79	14.5	3.69	14.0	3.54	13.1	3.26
110%	110	-19.8	-20.0	7.44	2.38	7.41	2.53	7.39	2.67	7.38	2.74	7.36	2.82	7.34	2.96
		-18.8	-19.0	7.66	2.46	7.63	2.60	7.61	2.74	7.60	2.81	7.58	2.88	7.56	3.02
		-16.7	-17.0	8.10	2.61	8.08	2.74	8.05	2.87	8.04	2.94	8.03	3.00	8.00	3.14
		-14.7	-15.0	8.54	2.73	8.52	2.86	8.49	2.99	8.48	3.05	8.47	3.11	8.45	3.24
		-12.6	-13.0	8.99	2.85	8.96	2.97	8.94	3.09	8.92	3.15	8.91	3.21	8.89	3.33
		-10.5	-11.0	9.43	2.96	9.40	3.07	9.38	3.18	9.37	3.24	9.36	3.30	9.33	3.41
		-9.5	-10.0	9.65	3.01	9.63	3.12	9.60	3.23	9.59	3.28	9.58	3.34	9.55	3.45
		-8.5	-9.1	9.85	3.05	9.82	3.16	9.80	3.26	9.79	3.32	9.78	3.37	9.75	3.48
		-7.0	-7.6	10.2	3.11	10.2	3.22	10.1	3.32	10.1	3.38	10.1	3.43	10.1	3.53
		-5.0	-5.6	10.6	3.20	10.6	3.30	10.6	3.40	10.6	3.45	10.6	3.50	10.5	3.60
		-3.0	-3.7	11.0	3.27	11.0	3.37	11.0	3.46	11.0	3.51	11.0	3.56	10.9	3.65
		0.0	-0.7	11.7	3.37	11.7	3.46	11.7	3.55	11.6	3.60	11.6	3.65	11.6	3.74
		3.0	2.2	12.3	3.46	12.3	3.55	12.3	3.63	12.3	3.68	12.3	3.72	12.0	3.68
		5.0	4.1	12.8	3.52	12.7	3.60	12.7	3.68	12.7	3.72	12.7	3.77	12.0	3.53
		7.0	6.0	13.2	3.57	13.2	3.65	13.1	3.73	13.1	3.77	12.9	3.70	12.0	3.39
		9.0	7.9	13.6	3.62	13.6	3.69	13.6	3.77	13.3	3.70	12.9	3.56	12.0	3.27
		11.0	9.8	14.0	3.66	14.0	3.74	13.8	3.71	13.3	3.57	12.9	3.43	12.0	3.15
		13.0	11.8	14.5	3.70	14.4	3.78	13.8	3.58	13.3	3.44	12.9	3.31	12.0	3.04
		15.0	13.7	14.9	3.75	14.6	3.72	13.8	3.45	13.3	3.32	12.9	3.20	12.0	2.94
100%	100	-19.8	-20.0	7.40	2.61	7.38	2.75	7.35	2.88	7.34	2.94	7.33	3.01	7.31	3.14
		-18.8	-19.0	7.62	2.69	7.60	2.81	7.57	2.94	7.56	3.01	7.55	3.07	7.53	3.20
		-16.7	-17.0	8.06	2.82	8.04	2.94	8.02	3.06	8.01	3.12	8.00	3.18	7.97	3.30
		-14.7	-15.0	8.50	2.94	8.48	3.05	8.46	3.16	8.45	3.22	8.44	3.28	8.42	3.39
		-12.6	-13.0	8.95	3.04	8.92	3.15	8.90	3.26	8.89	3.31	8.88	3.37	8.86	3.47
		-10.5	-11.0	9.39	3.14	9.37	3.24	9.35	3.34	9.33	3.40	9.32	3.45	9.30	3.55
		-9.5	-10.0	9.61	3.18	9.59	3.28	9.57	3.38	9.56	3.43	9.54	3.48	9.52	3.58
		-8.5	-9.1	9.81	3.22	9.79	3.32	9.77	3.42	9.75	3.47	9.74	3.52	9.72	3.62
		-7.0	-7.6	10.1	3.28	10.1	3.38	10.1	3.47	10.1	3.52	10.1	3.57	10.1	3.66
		-5.0	-5.6	10.6	3.36	10.6	3.45	10.5	3.54	10.5	3.58	10.5	3.63	10.5	3.72
		-3.0	-3.7	11.0	3.42	11.0	3.51	11.0	3.60	11.0	3.64	10.9	3.69	10.9	3.76
		0.0	-0.7	11.7	3.52	11.6	3.60	11.6	3.68	11.6	3.72	11.6	3.77	10.9	3.50
		3.0	2.2	12.3	3.60	12.3	3.68	12.3	3.76	12.1	3.72	11.7	3.57	10.9	3.28
		5.0	4.1	12.7	3.65	12.7	3.73	12.5	3.71	12.1	3.57	11.7	3.43	10.9	3.16
		7.0	6.0	13.2	3.70	13.1	3.77	12.5	3.57	12.1	3.43	11.7	3.30	10.9	3.04
		9.0	7.9	13.6	3.74	13.3	3.70	12.5	3.44	12.1	3.31	11.7	3.18	10.9	2.93
		11.0	9.8	14.0	3.78	13.3	3.57	12.5	3.31	12.1	3.19	11.7	3.07	10.9	2.83
		13.0	11.8	14.1	3.69	13.3	3.44	12.5	3.20	12.1	3.08	11.7	2.96	10.9	2.73
		15.0	13.7	14.1	3.56	13.3	3.32	12.5	3.09	12.1	2.98	11.7	2.86	10.9	2.64
90%	90	-19.8	-20.0	7.36	2.85	7.34	2.96	7.32	3.08	7.31	3.14	7.30	3.20	7.28	3.32
		-18.8	-19.0	7.58	2.91	7.56	3.03	7.54	3.14	7.53	3.20	7.52	3.26	7.50	3.37
		-16.7	-17.0	8.02	3.03	8.00	3.14	7.98	3.25	7.97	3.30	7.96	3.36	7.94	3.46
		-14.7	-15.0	8.47	3.14	8.45	3.24	8.43	3.34	8.42	3.39	8.41	3.44	8.39	3.55
		-12.6	-13.0	8.91	3.23	8.89	3.33	8.87	3.43	8.86	3.48	8.85	3.52	8.83	3.62
		-10.5	-11.0	9.35	3.32	9.33	3.41	9.31	3.50	9.30	3.55	9.29	3.60	9.27	3.69
		-9.5	-10.0	9.57	3.36	9.55	3.45	9.53	3.54	9.52	3.59	9.51	3.63	9.49	3.72
		-8.5	-9.1	9.77	3.39	9.75	3.48	9.73	3.57	9.72	3.62	9.71	3.66	9.69	3.75
		-7.0	-7.6	10.1	3.45	10.1	3.53	10.1	3.62	10.1	3.66	10.0	3.71	9.80	3.66
		-5.0	-5.6	10.5	3.52	10.5	3.60	10.5	3.68	10.5	3.72	10.5	3.76	9.80	3.48
		-3.0	-3.7	11.0	3.58	10.9	3.66	10.9	3.73	10.9	3.76	10.5	3.61	9.80	3.32
		0.0	-0.7	11.6	3.66	11.6	3.74	11.3	3.64	10.9	3.50	10.5	3.36	9.80	3.09
		3.0	2.2	12.3	3.74	12.0	3.67	11.3	3.41	10.9	3.28	10.5	3.15	9.80	2.91
		5.0	4.1	12.7	3.78	12.0	3.53	11.3	3.28	10.9	3.15	10.5	3.03	9.80	2.80
		7.0	6.0	12.7	3.64	12.0	3.39	11.3	3.15	10.9	3.04	10.5	2.92	9.80	2.69
		9.0	7.9	12.7	3.50	12.0	3.27	11.3	3.04	10.9	2.93	10.5	2.82	9.80	2.60
		11.0	9.8	12.7	3.38	12.0	3.15	11.3	2.93	10.9	2.83	10.5	2.72	9.80	2.51
		13.0	11.8	12.7	3.25	12.0	3.04	11.3	2.83	10.9	2.73	10.5	2.63	9.80	2.43
		15.0	13.7	12.7	3.15	12.0	2.94	11.3	2.74	10.9	2.64	10.5	2.54	9.80	2.35

3 Capacity tables

3 - 2 Heating capacity tables

4HP

TC: Total Capacity ; PI: Power Input)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	80	-19.8	-20.0	7.32	3.08	7.30	3.18	7.29	3.29	7.28	3.34	7.27	3.39	7.25	3.50
		-18.8	-19.0	7.54	3.13	7.52	3.24	7.51	3.34	7.50	3.39	7.49	3.44	7.47	3.54
		-16.7	-17.0	7.98	3.24	7.97	3.34	7.95	3.43	7.94	3.48	7.93	3.53	7.91	3.63
		-14.7	-15.0	8.43	3.34	8.41	3.43	8.39	3.52	8.38	3.56	8.37	3.61	8.36	3.70
		-12.6	-13.0	8.87	3.42	8.85	3.51	8.83	3.60	8.83	3.64	8.82	3.68	8.71	3.71
		-10.5	-11.0	9.31	3.50	9.29	3.58	9.28	3.66	9.27	3.71	9.26	3.75	8.71	3.50
		-9.5	-10.0	9.53	3.54	9.52	3.62	9.50	3.70	9.49	3.74	9.36	3.70	8.71	3.40
		-8.5	-9.1	9.73	3.57	9.72	3.65	9.70	3.72	9.68	3.76	9.36	3.61	8.71	3.32
		-7.0	-7.6	10.1	3.62	10.0	3.69	10.0	3.75	9.68	3.61	9.36	3.46	8.71	3.19
		-5.0	-5.6	10.5	3.68	10.5	3.75	10.0	3.56	9.68	3.42	9.36	3.29	8.71	3.03
		-3.0	-3.7	10.9	3.73	10.6	3.66	10.0	3.40	9.68	3.27	9.36	3.14	8.71	2.89
		0.0	-0.7	11.3	3.65	10.6	3.41	10.0	3.17	9.68	3.05	9.36	2.93	8.71	2.70
		3.0	2.2	11.3	3.42	10.6	3.19	10.0	2.97	9.68	2.86	9.36	2.76	8.71	2.54
		5.0	4.1	11.3	3.29	10.6	3.07	10.0	2.86	9.68	2.75	9.36	2.65	8.71	2.45
		7.0	6.0	11.3	3.16	10.6	2.96	10.0	2.75	9.68	2.66	9.36	2.56	8.71	2.36
		9.0	7.9	11.3	3.05	10.6	2.85	10.0	2.66	9.68	2.56	9.36	2.47	8.71	2.28
		11.0	9.8	11.3	2.94	10.6	2.75	10.0	2.57	9.68	2.48	9.36	2.39	8.71	2.21
		13.0	11.8	11.3	2.84	10.6	2.66	10.0	2.48	9.68	2.39	9.36	2.31	8.71	2.14
		15.0	13.7	11.3	2.75	10.6	2.57	10.0	2.40	9.68	2.32	9.36	2.24	8.71	2.07
70%	70	-19.8	-20.0	7.28	3.31	7.27	3.40	7.25	3.49	7.24	3.54	7.24	3.59	7.22	3.68
		-18.8	-19.0	7.50	3.36	7.49	3.45	7.47	3.54	7.46	3.58	7.46	3.63	7.44	3.72
		-16.7	-17.0	7.95	3.45	7.93	3.54	7.91	3.62	7.91	3.66	7.90	3.71	7.63	3.60
		-14.7	-15.0	8.39	3.54	8.37	3.62	8.36	3.70	8.35	3.74	8.19	3.67	7.63	3.37
		-12.6	-13.0	8.83	3.61	8.82	3.69	8.75	3.73	8.47	3.59	8.19	3.45	7.63	3.17
		-10.5	-11.0	9.27	3.68	9.26	3.75	8.75	3.51	8.47	3.38	8.19	3.25	7.63	2.99
		-9.5	-10.0	9.49	3.71	9.31	3.68	8.75	3.42	8.47	3.29	8.19	3.16	7.63	2.91
		-8.5	-9.1	9.69	3.74	9.31	3.59	8.75	3.33	8.47	3.21	8.19	3.08	7.63	2.84
		-7.0	-7.6	9.87	3.69	9.31	3.44	8.75	3.20	8.47	3.08	8.19	2.96	7.63	2.73
		-5.0	-5.6	9.87	3.51	9.31	3.27	8.75	3.04	8.47	2.93	8.19	2.82	7.63	2.60
		-3.0	-3.7	9.87	3.34	9.31	3.12	8.75	2.91	8.47	2.80	8.19	2.70	7.63	2.49
		0.0	-0.7	9.87	3.12	9.31	2.92	8.75	2.72	8.47	2.62	8.19	2.52	7.63	2.33
		3.0	2.2	9.87	2.93	9.31	2.74	8.75	2.56	8.47	2.47	8.19	2.38	7.63	2.20
		5.0	4.1	9.87	2.82	9.31	2.64	8.75	2.46	8.47	2.38	8.19	2.29	7.63	2.12
		7.0	6.0	9.87	2.72	9.31	2.54	8.75	2.37	8.47	2.29	8.19	2.21	7.63	2.05
		9.0	7.9	9.87	2.62	9.31	2.46	8.75	2.29	8.47	2.22	8.19	2.14	7.63	1.98
		11.0	9.8	9.87	2.53	9.31	2.37	8.75	2.22	8.47	2.14	8.19	2.07	7.63	1.92
		13.0	11.8	9.87	2.45	9.31	2.30	8.75	2.15	8.47	2.07	8.19	2.00	7.63	1.86
		15.0	13.7	9.87	2.37	9.31	2.23	8.75	2.08	8.47	2.01	8.19	1.94	7.63	1.81
60%	60	-19.8	-20.0	7.24	3.54	7.23	3.62	7.22	3.70	7.21	3.74	7.02	3.63	6.54	3.33
		-18.8	-19.0	7.46	3.58	7.45	3.66	7.44	3.74	7.26	3.64	7.02	3.50	6.54	3.21
		-16.7	-17.0	7.91	3.67	7.89	3.74	7.50	3.53	7.26	3.39	7.02	3.26	6.54	3.00
		-14.7	-15.0	8.35	3.74	7.98	3.56	7.50	3.30	7.26	3.18	7.02	3.06	6.54	2.82
		-12.6	-13.0	8.46	3.58	7.98	3.34	7.50	3.11	7.26	2.99	7.02	2.88	6.54	2.66
		-10.5	-11.0	8.46	3.38	7.98	3.15	7.50	2.93	7.26	2.83	7.02	2.72	6.54	2.51
		-9.5	-10.0	8.46	3.28	7.98	3.07	7.50	2.86	7.26	2.75	7.02	2.65	6.54	2.45
		-8.5	-9.1	8.46	3.20	7.98	2.99	7.50	2.79	7.26	2.69	7.02	2.59	6.54	2.39
		-7.0	-7.6	8.46	3.08	7.98	2.88	7.50	2.68	7.26	2.59	7.02	2.49	6.54	2.30
		-5.0	-5.6	8.46	2.93	7.98	2.74	7.50	2.55	7.26	2.46	7.02	2.37	6.54	2.20
		-3.0	-3.7	8.46	2.80	7.98	2.62	7.50	2.44	7.26	2.36	7.02	2.27	6.54	2.11
		0.0	-0.7	8.46	2.62	7.98	2.45	7.50	2.29	7.26	2.21	7.02	2.13	6.54	1.98
		3.0	2.2	8.46	2.46	7.98	2.31	7.50	2.16	7.26	2.09	7.02	2.02	6.54	1.87
		5.0	4.1	8.46	2.37	7.98	2.23	7.50	2.09	7.26	2.01	7.02	1.95	6.54	1.81
		7.0	6.0	8.46	2.29	7.98	2.15	7.50	2.01	7.26	1.95	7.02	1.88	6.54	1.75
		9.0	7.9	8.46	2.21	7.98	2.08	7.50	1.95	7.26	1.88	7.02	1.82	6.54	1.69
		11.0	9.8	8.46	2.14	7.98	2.01	7.50	1.89	7.26	1.83	7.02	1.76	6.54	1.64
		13.0	11.8	8.46	2.07	7.98	1.95	7.50	1.83	7.26	1.77	7.02	1.71	6.54	1.59
		15.0	13.7	8.46	2.01	7.98	1.89	7.50	1.78	7.26	1.72	7.02	1.66	6.54	1.55
50%	50	-19.8	-20.0	7.05	3.65	6.65	3.40	6.25	3.16	6.05	3.04	5.85	2.93	5.45	2.70
		-18.8	-19.0	7.05	3.52	6.65	3.28	6.25	3.05	6.05	2.94	5.85	2.83	5.45	2.61
		-16.7	-17.0	7.05	3.28	6.65	3.06	6.25	2.85	6.05	2.75	5.85	2.65	5.45	2.44
		-14.7	-15.0	7.05	3.08	6.65	2.87	6.25	2.68	6.05	2.58	5.85	2.49	5.45	2.30
		-12.6	-13.0	7.05	2.90	6.65	2.71	6.25	2.53	6.05	2.44	5.85	2.35	5.45	2.18
		-10.5	-11.0	7.05	2.74	6.65	2.56	6.25	2.39	6.05	2.31	5.85	2.23	5.45	2.06
		-9.5	-10.0	7.05	2.66	6.65	2.50	6.25	2.33	6.05	2.25	5.85	2.17	5.45	2.01
		-8.5	-9.1	7.05	2.60	6.65	2.44	6.25	2.28	6.05	2.20	5.85	2.12	5.45	1.97
		-7.0	-7.6	7.05	2.50	6.65	2.35	6.25	2.20	6.05	2.12	5.85	2.05	5.45	1.90
		-5.0	-5.6	7.05	2.39	6.65	2.24	6.25	2.10	6.05	2.03	5.85	1.96	5.45	1.82
		-3.0	-3.7	7.05	2.29	6.65	2.15	6.25	2.01	6.05	1.94	5.85	1.88	5.45	1.75
		0.0	-0.7	7.05	2.15	6.65	2.02	6.25	1.89	6.05	1.83	5.85	1.77	5.45	1.65
		3.0	2.2	7.05	2.03	6.65	1.91	6.25	1.79	6.05	1.73	5.85	1.67	5.45	1.56
		5.0	4.1	7.05	1.96	6.65	1.84	6.25	1.73	6.05	1.67	5.85	1.62	5.45	1.51
		7.0	6.0	7.05	1.89	6.65	1.78	6.25	1.67	6.05	1.62	5.85	1.57	5.45	1.46
		9.0	7.9	7.05	1.83	6.65	1.72	6.25	1.62	6.05	1.57	5.85	1.52	5.45	1.42
		11.0	9.8	7.05	1.77	6.65	1.67	6.25	1.57	6.05	1.52	5.85	1.48	5.45	1.38
		13.0	11.8	7.05	1.72	6.65	1.62	6.25	1.53	6.05	1.48	5.85	1.43	5.45	1.34
		15.0	13.7	7.05	1.67	6.65	1.58	6.25	1.48	6.05	1.44	5.85	1.39	5.45	1.31

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

3 Capacity tables

3 - 2 Heating capacity tables

5HP

TC: Total Capacity ; PI: Power Input)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	162.5	-19.8	-20.0	9.62	2.22	9.58	2.42	9.54	2.62	9.53	2.71	9.51	2.81	9.47	3.01
		-18.8	-19.0	9.90	2.33	9.86	2.52	9.83	2.71	9.81	2.81	9.79	2.90	9.75	3.10
		-16.7	-17.0	10.5	2.52	10.4	2.70	10.4	2.89	10.4	2.98	10.4	3.07	10.3	3.25
		-14.7	-15.0	11.0	2.70	11.0	2.87	11.0	3.04	10.9	3.13	10.9	3.21	10.9	3.39
		-12.6	-13.0	11.6	2.86	11.6	3.02	11.5	3.18	11.5	3.27	11.5	3.35	11.5	3.51
		-10.5	-11.0	12.2	3.00	12.1	3.16	12.1	3.31	12.1	3.39	12.1	3.47	12.0	3.62
		-9.5	-10.0	12.5	3.07	12.4	3.22	12.4	3.37	12.4	3.45	12.3	3.52	12.3	3.67
		-8.5	-9.1	12.7	3.12	12.7	3.27	12.6	3.42	12.6	3.50	12.6	3.57	12.6	3.72
		-7.0	-7.6	13.1	3.22	13.1	3.36	13.1	3.50	13.0	3.57	13.0	3.65	13.0	3.79
		-5.0	-5.6	13.7	3.33	13.7	3.46	13.6	3.60	13.6	3.67	13.6	3.74	13.6	3.88
		-3.0	-3.7	14.2	3.43	14.2	3.56	14.2	3.69	14.1	3.75	14.1	3.82	14.1	3.95
		0.0	-0.7	15.1	3.57	15.0	3.69	15.0	3.81	15.0	3.88	15.0	3.94	14.9	4.06
		3.0	2.2	15.9	3.69	15.9	3.81	15.8	3.92	15.8	3.98	15.8	4.04	15.8	4.16
		5.0	4.1	16.4	3.76	16.4	3.87	16.4	3.99	16.4	4.05	16.3	4.10	16.3	4.22
		7.0	6.0	17.0	3.83	16.9	3.94	16.9	4.05	16.9	4.10	16.9	4.16	16.8	4.27
		9.0	7.9	17.5	3.89	17.5	4.00	17.4	4.11	17.4	4.16	17.4	4.21	17.4	4.32
		11.0	9.8	18.1	3.95	18.0	4.06	18.0	4.16	18.0	4.21	17.9	4.27	17.9	4.37
		13.0	11.8	18.6	4.02	18.6	4.12	18.6	4.22	18.5	4.27	18.5	4.32	18.1	4.29
		15.0	13.7	19.2	4.07	19.1	4.17	19.1	4.26	19.1	4.31	19.1	4.36	18.1	4.14
120%	150	-19.8	-20.0	9.57	2.49	9.53	2.67	9.50	2.85	9.48	2.94	9.47	3.04	9.43	3.22
		-18.8	-19.0	9.85	2.59	9.82	2.76	9.78	2.94	9.77	3.03	9.75	3.12	9.72	3.30
		-16.7	-17.0	10.4	2.77	10.4	2.94	10.3	3.10	10.3	3.19	10.3	3.27	10.3	3.44
		-14.7	-15.0	11.0	2.93	11.0	3.09	10.9	3.25	10.9	3.33	10.9	3.41	10.8	3.57
		-12.6	-13.0	11.6	3.08	11.5	3.23	11.5	3.38	11.5	3.45	11.4	3.53	11.4	3.68
		-10.5	-11.0	12.1	3.21	12.1	3.35	12.0	3.50	12.0	3.57	12.0	3.64	12.0	3.78
		-9.5	-10.0	12.4	3.27	12.4	3.41	12.3	3.55	12.3	3.62	12.3	3.69	12.3	3.83
		-8.5	-9.1	12.7	3.32	12.6	3.46	12.6	3.60	12.6	3.67	12.6	3.74	12.5	3.87
		-7.0	-7.6	13.1	3.41	13.0	3.54	13.0	3.67	13.0	3.74	13.0	3.81	12.9	3.94
		-5.0	-5.6	13.6	3.51	13.6	3.64	13.6	3.77	13.6	3.83	13.5	3.89	13.5	4.02
		-3.0	-3.7	14.2	3.60	14.2	3.73	14.1	3.85	14.1	3.91	14.1	3.97	14.1	4.09
		0.0	-0.7	15.0	3.73	15.0	3.85	15.0	3.96	15.0	4.02	14.9	4.08	14.9	4.19
		3.0	2.2	15.9	3.85	15.8	3.96	15.8	4.06	15.8	4.12	15.8	4.17	15.7	4.28
		5.0	4.1	16.4	3.91	16.4	4.02	16.3	4.12	16.3	4.18	16.3	4.23	16.3	4.33
		7.0	6.0	16.9	3.98	16.9	4.08	16.9	4.18	16.8	4.23	16.8	4.28	16.7	4.36
		9.0	7.9	17.5	4.04	17.4	4.14	17.4	4.24	17.4	4.28	17.4	4.33	16.7	4.19
		11.0	9.8	18.0	4.09	18.0	4.19	17.9	4.29	17.9	4.33	17.9	4.38	16.7	4.04
		13.0	11.8	18.6	4.15	18.5	4.24	18.5	4.34	18.5	4.38	18.0	4.24	16.7	3.90
		15.0	13.7	19.1	4.20	19.1	4.29	19.0	4.38	18.6	4.26	18.0	4.10	16.7	3.77
110%	137.5	-19.8	-20.0	9.52	2.75	9.49	2.92	9.46	3.09	9.44	3.17	9.43	3.26	9.39	3.43
		-18.8	-19.0	9.80	2.85	9.77	3.01	9.74	3.17	9.72	3.25	9.71	3.34	9.68	3.50
		-16.7	-17.0	10.4	3.01	10.3	3.17	10.3	3.32	10.3	3.40	10.3	3.47	10.2	3.63
		-14.7	-15.0	10.9	3.16	10.9	3.31	10.9	3.45	10.9	3.53	10.8	3.60	10.8	3.74
		-12.6	-13.0	11.5	3.30	11.5	3.44	11.4	3.57	11.4	3.64	11.4	3.71	11.4	3.85
		-10.5	-11.0	12.1	3.42	12.0	3.55	12.0	3.68	12.0	3.75	12.0	3.81	11.9	3.94
		-9.5	-10.0	12.4	3.48	12.3	3.60	12.3	3.73	12.3	3.80	12.3	3.86	12.2	3.99
		-8.5	-9.1	12.6	3.53	12.6	3.65	12.5	3.78	12.5	3.84	12.5	3.90	12.5	4.03
		-7.0	-7.6	13.0	3.60	13.0	3.72	13.0	3.85	13.0	3.91	12.9	3.97	12.9	4.09
		-5.0	-5.6	13.6	3.70	13.6	3.81	13.5	3.93	13.5	3.99	13.5	4.05	13.5	4.16
		-3.0	-3.7	14.1	3.78	14.1	3.89	14.1	4.00	14.1	4.06	14.0	4.12	14.0	4.23
		0.0	-0.7	15.0	3.90	15.0	4.01	14.9	4.11	14.9	4.16	14.9	4.22	14.9	4.32
		3.0	2.2	15.8	4.01	15.8	4.11	15.7	4.20	15.7	4.25	15.7	4.30	15.3	4.25
		5.0	4.1	16.3	4.07	16.3	4.16	16.3	4.26	16.3	4.31	16.3	4.36	15.3	4.08
		7.0	6.0	16.9	4.13	16.9	4.22	16.8	4.31	16.8	4.36	16.5	4.28	15.3	3.93
		9.0	7.9	17.4	4.18	17.4	4.27	17.4	4.36	17.0	4.29	16.5	4.12	15.3	3.78
		11.0	9.8	18.0	4.23	17.9	4.32	17.6	4.30	17.0	4.13	16.5	3.97	15.3	3.65
		13.0	11.8	18.5	4.29	18.5	4.37	17.6	4.14	17.0	3.98	16.5	3.82	15.3	3.52
		15.0	13.7	19.1	4.33	18.7	4.31	17.6	4.00	17.0	3.85	16.5	3.70	15.3	3.40
100%	125	-19.8	-20.0	9.47	3.02	9.44	3.18	9.41	3.33	9.40	3.40	9.38	3.48	9.36	3.63
		-18.8	-19.0	9.75	3.11	9.72	3.25	9.70	3.40	9.68	3.48	9.67	3.55	9.64	3.70
		-16.7	-17.0	10.3	3.26	10.3	3.40	10.3	3.54	10.2	3.61	10.2	3.68	10.2	3.82
		-14.7	-15.0	10.9	3.40	10.9	3.53	10.8	3.66	10.8	3.73	10.8	3.79	10.8	3.92
		-12.6	-13.0	11.5	3.52	11.4	3.64	11.4	3.77	11.4	3.83	11.4	3.89	11.3	4.02
		-10.5	-11.0	12.0	3.63	12.0	3.75	12.0	3.87	11.9	3.93	11.9	3.99	11.9	4.11
		-9.5	-10.0	12.3	3.68	12.3	3.80	12.2	3.91	12.2	3.97	12.2	4.03	12.2	4.15
		-8.5	-9.1	12.6	3.73	12.5	3.84	12.5	3.95	12.5	4.01	12.5	4.07	12.4	4.18
		-7.0	-7.6	13.0	3.80	13.0	3.91	12.9	4.02	12.9	4.07	12.9	4.13	12.9	4.24
		-5.0	-5.6	13.5	3.88	13.5	3.99	13.5	4.09	13.5	4.15	13.5	4.20	13.4	4.31
		-3.0	-3.7	14.1	3.96	14.1	4.06	14.0	4.16	14.0	4.21	14.0	4.26	13.9	4.35
		0.0	-0.7	14.9	4.07	14.9	4.17	14.9	4.26	14.9	4.31	14.9	4.36	13.9	4.05
		3.0	2.2	15.8	4.16	15.7	4.26	15.7	4.35	15.5	4.30	15.0	4.13	13.9	3.80
		5.0	4.1	16.3	4.22	16.3	4.31	16.0	4.30	15.5	4.13	15.0	3.97	13.9	3.65
		7.0	6.0	16.8	4.28	16.8	4.36	16.0	4.13	15.5	3.97	15.0	3.82	13.9	3.51
		9.0	7.9	17.4	4.33	17.0	4.28	16.0	3.98	15.5	3.83	15.0	3.68	13.9	3.39
		11.0	9.8	17.9	4.37	17.0	4.13	16.0	3.83	15.5	3.69	15.0	3.55	13.9	3.27
		13.0	11.8	18.1	4.27	17.0	3.98	16.0	3.70	15.5	3.56	15.0	3.42	13.9	3.16
		15.0	13.7	18.1	4.12	17.0	3.84	16.0	3.57	15.5	3.44	15.0	3.31	13.9	3.06
90%	112.5	-19.8	-20.0	9.42	3.29	9.39	3.43	9.37	3.57	9.36	3.63	9.34	3.70	9.32	3.84
		-18.8	-19.0	9.70	3.37	9.68	3.50	9.65	3.63	9.64	3.70	9.63	3.77	9.60	3.90
		-16.7	-17.0	10.3	3.50	10.2	3.63	10.2	3.76	10.2	3.82	10.2	3.88	10.2	4.01
		-14.7	-15.0	10.8	3.63	10.8	3.75	10.8	3.87	10.8	3.92	10.8	3.98	10.7	4.10
		-12.6	-13.0	11.4	3.74	11.4	3.85	11.4	3.96	11.3	4.02	11.3	4.08	11.3	4.19
		-10.5	-11.0	12.0	3.84	11.9	3.95	11.9	4.05	11.9	4.11	11.9	4.16	11.9	4.27
		-9.5	-10.0	12.3	3.89	12.2	3.99	12.2	4.10	12.2	4.15	12.2	4.20	12.2	4.31
		-8.5	-9.1	12.5	3.93	12.5	4.03	12.5	4.13	12.4	4.18	12.4	4.23	12.4	4.34
		-7.0	-7.6	12.9	3.99	12.9	4.09	12.9	4.19	12.9	4.24	12.9	4.29	12.5	4.24
		-5.0	-5.6	13.5	4.07	13.5	4.16	13.4	4.26	13.4	4.31	13.4	4.35	12.5	4.02
		-3.0	-3.7	14.0	4.14	14.0	4.23	14.0	4.32	13.9	4.35	13.5	4.18	12.5	3.84
		0.0	-0.7	14.9	4.24	14.9	4.32	14.4	4.21	13.9	4.05	13.5	3.89	12.5	3.58
		3.0	2.2	15.7	4.32	15.3	4.25	14.4	3.95	13.9	3.80	13.5	3.65	12.5	3.36
		5.0	4.1	16.2	4.38	15.3	4.08	14.4	3.79	13.9	3.65	13.5	3.51	12.5	3.23
		7.0	6.0	16.3	4.21	15.3	3.92	14.4	3.65	13.9	3.51	13.5	3.38	12.5	3.12
		9.0	7.9	16.3	4.05	15.3	3.78	14.4	3.52	13.9	3.39	13.5	3.26	12.5	3.01
		11.0	9.8	16.3	3.91	15.3	3.65	14.4	3.39	13.9	3.27	13.5	3.15	12.5	2.91
		13.0	11.8	16.3	3.76	15.3	3.52	14.4	3.27	13.9	3.16	13.5	3.04	12.5	2.81
		15.0	13.7	16.3	3.64	15.3	3.40	14.4	3.17	13.9	3.05	13.5	2.94	12.5	2.72

3 Capacity tables

3 - 2 Heating capacity tables

5HP

TC: Total Capacity ; PI: Power Input)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	100	-19.8	-20.0	9.37	3.56	9.35	3.68	9.32	3.80	9.31	3.87	9.30	3.93	9.28	4.05
		-18.8	-19.0	9.65	3.63	9.63	3.75	9.61	3.86	9.60	3.92	9.59	3.98	9.56	4.10
		-16.7	-17.0	10.2	3.75	10.2	3.86	10.2	3.97	10.2	4.03	10.2	4.08	10.1	4.20
		-14.7	-15.0	10.8	3.86	10.8	3.97	10.7	4.07	10.7	4.12	10.7	4.18	10.7	4.28
		-12.6	-13.0	11.4	3.96	11.3	4.06	11.3	4.16	11.3	4.21	11.3	4.26	11.2	4.30
		-10.5	-11.0	11.9	4.05	11.9	4.14	11.9	4.24	11.9	4.29	11.9	4.34	11.2	4.05
		-9.5	-10.0	12.2	4.09	12.2	4.18	12.2	4.28	12.1	4.32	12.0	4.28	11.2	3.93
		-8.5	-9.1	12.5	4.13	12.4	4.22	12.4	4.31	12.4	4.35	12.0	4.17	11.2	3.84
		-7.0	-7.6	12.9	4.18	12.9	4.27	12.8	4.34	12.4	4.17	12.0	4.01	11.2	3.69
		-5.0	-5.6	13.4	4.25	13.4	4.34	12.8	4.12	12.4	3.96	12.0	3.81	11.2	3.50
		-3.0	-3.7	14.0	4.32	13.6	4.23	12.8	3.93	12.4	3.78	12.0	3.63	11.2	3.35
		0.0	-0.7	14.4	4.23	13.6	3.94	12.8	3.66	12.4	3.53	12.0	3.39	11.2	3.13
		3.0	2.2	14.4	3.96	13.6	3.70	12.8	3.44	12.4	3.31	12.0	3.19	11.2	2.94
		5.0	4.1	14.4	3.80	13.6	3.55	12.8	3.31	12.4	3.19	12.0	3.07	11.2	2.84
		7.0	6.0	14.4	3.66	13.6	3.42	12.8	3.19	12.4	3.07	12.0	2.96	11.2	2.74
		9.0	7.9	14.4	3.53	13.6	3.30	12.8	3.07	12.4	2.96	12.0	2.86	11.2	2.64
		11.0	9.8	14.4	3.41	13.6	3.19	12.8	2.97	12.4	2.87	12.0	2.76	11.2	2.56
		13.0	11.8	14.4	3.29	13.6	3.08	12.8	2.87	12.4	2.77	12.0	2.67	11.2	2.47
		15.0	13.7	14.4	3.18	13.6	2.98	12.8	2.78	12.4	2.68	12.0	2.59	11.2	2.40
70%	87.5	-19.8	-20.0	9.32	3.83	9.30	3.93	9.28	4.04	9.27	4.10	9.26	4.15	9.24	4.26
		-18.8	-19.0	9.60	3.89	9.58	3.99	9.56	4.09	9.55	4.15	9.54	4.20	9.52	4.30
		-16.7	-17.0	10.2	3.99	10.2	4.09	10.1	4.19	10.1	4.24	10.1	4.29	9.76	4.16
		-14.7	-15.0	10.7	4.09	10.7	4.18	10.7	4.28	10.7	4.32	10.5	4.24	9.76	3.90
		-12.6	-13.0	11.3	4.18	11.3	4.27	11.2	4.32	10.8	4.15	10.5	3.99	9.76	3.67
		-10.5	-11.0	11.9	4.26	11.9	4.34	11.2	4.07	10.8	3.91	10.5	3.76	9.76	3.46
		-9.5	-10.0	12.2	4.30	11.9	4.26	11.2	3.95	10.8	3.80	10.5	3.65	9.76	3.37
		-8.5	-9.1	12.4	4.33	11.9	4.15	11.2	3.85	10.8	3.71	10.5	3.57	9.76	3.29
		-7.0	-7.6	12.6	4.27	11.9	3.98	11.2	3.70	10.8	3.56	10.5	3.43	9.76	3.16
		-5.0	-5.6	12.6	4.06	11.9	3.78	11.2	3.52	10.8	3.39	10.5	3.26	9.76	3.01
		-3.0	-3.7	12.6	3.87	11.9	3.61	11.2	3.36	10.8	3.24	10.5	3.12	9.76	2.88
		0.0	-0.7	12.6	3.61	11.9	3.37	11.2	3.14	10.8	3.03	10.5	2.92	9.76	2.70
		3.0	2.2	12.6	3.39	11.9	3.17	11.2	2.96	10.8	2.85	10.5	2.75	9.76	2.55
		5.0	4.1	12.6	3.26	11.9	3.05	11.2	2.85	10.8	2.75	10.5	2.65	9.76	2.45
		7.0	6.0	12.6	3.14	11.9	2.94	11.2	2.75	10.8	2.65	10.5	2.56	9.76	2.37
		9.0	7.9	12.6	3.03	11.9	2.84	11.2	2.65	10.8	2.56	10.5	2.47	9.76	2.29
		11.0	9.8	12.6	2.93	11.9	2.75	11.2	2.57	10.8	2.48	10.5	2.39	9.76	2.22
		13.0	11.8	12.6	2.83	11.9	2.66	11.2	2.48	10.8	2.40	10.5	2.32	9.76	2.15
		15.0	13.7	12.6	2.74	11.9	2.57	11.2	2.41	10.8	2.33	10.5	2.25	9.76	2.09
60%	75	-19.8	-20.0	9.27	4.10	9.25	4.19	9.24	4.28	9.23	4.33	8.98	4.20	8.37	3.86
		-18.8	-19.0	9.55	4.15	9.54	4.24	9.52	4.32	9.29	4.21	8.98	4.05	8.37	3.72
		-16.7	-17.0	10.1	4.24	10.1	4.32	9.60	4.08	9.29	3.93	8.98	3.77	8.37	3.47
		-14.7	-15.0	10.7	4.32	10.2	4.12	9.60	3.82	9.29	3.68	8.98	3.54	8.37	3.26
		-12.6	-13.0	10.8	4.15	10.2	3.87	9.60	3.60	9.29	3.46	8.98	3.33	8.37	3.07
		-10.5	-11.0	10.8	3.91	10.2	3.65	9.60	3.39	9.29	3.27	8.98	3.15	8.37	2.91
		-9.5	-10.0	10.8	3.80	10.2	3.55	9.60	3.30	9.29	3.18	8.98	3.06	8.37	2.83
		-8.5	-9.1	10.8	3.71	10.2	3.46	9.60	3.22	9.29	3.11	8.98	2.99	8.37	2.77
		-7.0	-7.6	10.8	3.56	10.2	3.33	9.60	3.10	9.29	2.99	8.98	2.88	8.37	2.67
		-5.0	-5.6	10.8	3.39	10.2	3.17	9.60	2.96	9.29	2.85	8.98	2.75	8.37	2.54
		-3.0	-3.7	10.8	3.24	10.2	3.03	9.60	2.83	9.29	2.73	8.98	2.63	8.37	2.44
		0.0	-0.7	10.8	3.03	10.2	2.84	9.60	2.65	9.29	2.56	8.98	2.47	8.37	2.29
		3.0	2.2	10.8	2.85	10.2	2.67	9.60	2.50	9.29	2.42	8.98	2.33	8.37	2.17
		5.0	4.1	10.8	2.75	10.2	2.58	9.60	2.41	9.29	2.33	8.98	2.25	8.37	2.09
		7.0	6.0	10.8	2.65	10.2	2.49	9.60	2.33	9.29	2.25	8.98	2.18	8.37	2.02
		9.0	7.9	10.8	2.56	10.2	2.41	9.60	2.25	9.29	2.18	8.98	2.11	8.37	1.96
		11.0	9.8	10.8	2.48	10.2	2.33	9.60	2.18	9.29	2.11	8.98	2.04	8.37	1.90
		13.0	11.8	10.8	2.40	10.2	2.26	9.60	2.12	9.29	2.05	8.98	1.98	8.37	1.84
		15.0	13.7	10.8	2.33	10.2	2.19	9.60	2.05	9.29	1.99	8.98	1.92	8.37	1.79
50%	62.5	-19.8	-20.0	9.03	4.22	8.51	3.94	8.00	3.66	7.74	3.52	7.49	3.39	6.97	3.12
		-18.8	-19.0	9.03	4.07	8.51	3.80	8.00	3.53	7.74	3.40	7.49	3.27	6.97	3.02
		-16.7	-17.0	9.03	3.80	8.51	3.54	8.00	3.30	7.74	3.18	7.49	3.06	6.97	2.83
		-14.7	-15.0	9.03	3.56	8.51	3.33	8.00	3.10	7.74	2.99	7.49	2.88	6.97	2.66
		-12.6	-13.0	9.03	3.35	8.51	3.13	8.00	2.92	7.74	2.82	7.49	2.72	6.97	2.52
		-10.5	-11.0	9.03	3.17	8.51	2.96	8.00	2.77	7.74	2.67	7.49	2.58	6.97	2.39
		-9.5	-10.0	9.03	3.08	8.51	2.89	8.00	2.70	7.74	2.60	7.49	2.51	6.97	2.33
		-8.5	-9.1	9.03	3.01	8.51	2.82	8.00	2.64	7.74	2.54	7.49	2.45	6.97	2.28
		-7.0	-7.6	9.03	2.90	8.51	2.72	8.00	2.54	7.74	2.45	7.49	2.37	6.97	2.20
		-5.0	-5.6	9.03	2.76	8.51	2.59	8.00	2.43	7.74	2.34	7.49	2.26	6.97	2.10
		-3.0	-3.7	9.03	2.65	8.51	2.48	8.00	2.33	7.74	2.25	7.49	2.17	6.97	2.02
		0.0	-0.7	9.03	2.48	8.51	2.33	8.00	2.19	7.74	2.11	7.49	2.04	6.97	1.90
		3.0	2.2	9.03	2.34	8.51	2.20	8.00	2.07	7.74	2.00	7.49	1.94	6.97	1.80
		5.0	4.1	9.03	2.26	8.51	2.13	8.00	2.00	7.74	1.94	7.49	1.87	6.97	1.75
		7.0	6.0	9.03	2.19	8.51	2.06	8.00	1.94	7.74	1.87	7.49	1.81	6.97	1.69
		9.0	7.9	9.03	2.12	8.51	2.00	8.00	1.88	7.74	1.82	7.49	1.76	6.97	1.64
		11.0	9.8	9.03	2.05	8.51	1.94	8.00	1.82	7.74	1.76	7.49	1.71	6.97	1.60
		13.0	11.8	9.03	1.99	8.51	1.88	8.00	1.77	7.74	1.71	7.49	1.66	6.97	1.55
		15.0	13.7	9.03	1.93	8.51	1.82	8.00	1.72	7.74	1.67	7.49	1.61	6.97	1.51

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

3 Capacity tables

3 - 2 Heating capacity tables

6HP

TC: Total Capacity ; PI: Power Input)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	182	-19.8	-20.0	10.8	2.59	10.8	2.83	10.7	3.06	10.7	3.17	10.7	3.29	10.7	3.52
		-18.8	-19.0	11.1	2.72	11.1	2.95	11.1	3.17	11.0	3.28	11.0	3.40	11.0	3.62
		-16.7	-17.0	11.8	2.95	11.7	3.16	11.7	3.38	11.7	3.48	11.7	3.59	11.6	3.80
		-14.7	-15.0	12.4	3.16	12.4	3.36	12.3	3.56	12.3	3.66	12.3	3.76	12.2	3.96
		-12.6	-13.0	13.1	3.34	13.0	3.53	13.0	3.72	12.9	3.82	12.9	3.91	12.9	4.10
		-10.5	-11.0	13.7	3.51	13.6	3.69	13.6	3.87	13.6	3.96	13.6	4.05	13.5	4.23
		-9.5	-10.0	14.0	3.59	14.0	3.76	13.9	3.94	13.9	4.03	13.9	4.12	13.8	4.30
		-8.5	-9.1	14.3	3.65	14.3	3.83	14.2	4.00	14.2	4.09	14.2	4.17	14.1	4.35
		-7.0	-7.6	14.8	3.76	14.7	3.93	14.7	4.10	14.7	4.18	14.6	4.26	14.6	4.43
		-5.0	-5.6	15.4	3.89	15.4	4.05	15.3	4.21	15.3	4.29	15.3	4.37	15.2	4.53
		-3.0	-3.7	16.0	4.01	16.0	4.16	15.9	4.31	15.9	4.39	15.9	4.47	15.8	4.62
		0.0	-0.7	17.0	4.17	16.9	4.32	16.9	4.46	16.9	4.53	16.8	4.61	16.8	4.75
		3.0	2.2	17.9	4.31	17.9	4.45	17.8	4.59	17.8	4.66	17.8	4.73	17.7	4.86
		5.0	4.1	18.5	4.40	18.5	4.53	18.4	4.66	18.4	4.73	18.4	4.80	18.3	4.93
		7.0	6.0	19.1	4.48	19.1	4.61	19.0	4.74	19.0	4.80	19.0	4.86	18.9	4.99
		9.0	7.9	19.7	4.55	19.7	4.68	19.6	4.80	19.6	4.87	19.6	4.93	19.5	5.05
		11.0	9.8	20.3	4.62	20.3	4.75	20.2	4.87	20.2	4.93	20.2	4.99	20.2	5.11
		13.0	11.8	21.0	4.70	20.9	4.81	20.9	4.93	20.9	4.99	20.8	5.05	20.4	5.01
		15.0	13.7	21.6	4.76	21.5	4.87	21.5	4.99	21.5	5.04	21.4	5.10	20.4	4.84
120%	168	-19.8	-20.0	10.8	2.91	10.7	3.12	10.7	3.34	10.7	3.44	10.6	3.55	10.6	3.77
		-18.8	-19.0	11.1	3.02	11.0	3.23	11.0	3.44	11.0	3.54	11.0	3.65	10.9	3.86
		-16.7	-17.0	11.7	3.24	11.7	3.43	11.6	3.63	11.6	3.73	11.6	3.83	11.6	4.02
		-14.7	-15.0	12.4	3.43	12.3	3.61	12.3	3.80	12.3	3.89	12.2	3.98	12.2	4.17
		-12.6	-13.0	13.0	3.60	13.0	3.78	12.9	3.95	12.9	4.04	12.9	4.13	12.8	4.30
		-10.5	-11.0	13.6	3.75	13.6	3.92	13.6	4.09	13.5	4.17	13.5	4.26	13.5	4.42
		-9.5	-10.0	14.0	3.83	13.9	3.99	13.9	4.15	13.9	4.24	13.8	4.32	13.8	4.48
		-8.5	-9.1	14.2	3.89	14.2	4.05	14.2	4.21	14.1	4.29	14.1	4.37	14.1	4.53
		-7.0	-7.6	14.7	3.99	14.7	4.14	14.6	4.30	14.6	4.37	14.6	4.45	14.6	4.61
		-5.0	-5.6	15.4	4.11	15.3	4.26	15.3	4.40	15.3	4.48	15.2	4.55	15.2	4.70
		-3.0	-3.7	16.0	4.21	15.9	4.36	15.9	4.50	15.9	4.57	15.8	4.64	15.8	4.78
		0.0	-0.7	16.9	4.37	16.9	4.50	16.8	4.63	16.8	4.70	16.8	4.77	16.8	4.90
		3.0	2.2	17.8	4.50	17.8	4.63	17.8	4.75	17.7	4.82	17.7	4.88	17.7	5.01
		5.0	4.1	18.4	4.58	18.4	4.70	18.4	4.82	18.3	4.88	18.3	4.95	18.3	5.07
		7.0	6.0	19.0	4.65	19.0	4.77	19.0	4.89	19.0	4.95	18.9	5.01	18.8	5.10
		9.0	7.9	19.7	4.72	19.6	4.84	19.6	4.95	19.6	5.01	19.5	5.07	18.8	4.91
		11.0	9.8	20.3	4.79	20.2	4.90	20.2	5.01	20.2	5.07	20.1	5.12	18.8	4.73
		13.0	11.8	20.9	4.85	20.9	4.96	20.8	5.07	20.8	5.12	20.2	4.96	18.8	4.56
		15.0	13.7	21.5	4.91	21.5	5.02	21.4	5.12	20.9	4.99	20.2	4.79	18.8	4.40
110%	154	-19.8	-20.0	10.7	3.22	10.7	3.42	10.6	3.61	10.6	3.71	10.6	3.81	10.6	4.01
		-18.8	-19.0	11.0	3.33	11.0	3.52	11.0	3.71	10.9	3.81	10.9	3.90	10.9	4.09
		-16.7	-17.0	11.7	3.52	11.6	3.70	11.6	3.88	11.6	3.97	11.6	4.06	11.5	4.24
		-14.7	-15.0	12.3	3.70	12.3	3.87	12.2	4.04	12.2	4.12	12.2	4.21	12.2	4.38
		-12.6	-13.0	12.9	3.86	12.9	4.02	12.9	4.18	12.9	4.26	12.8	4.34	12.8	4.50
		-10.5	-11.0	13.6	4.00	13.5	4.15	13.5	4.31	13.5	4.38	13.5	4.46	13.4	4.61
		-9.5	-10.0	13.9	4.07	13.9	4.22	13.8	4.37	13.8	4.44	13.8	4.52	13.8	4.67
		-8.5	-9.1	14.2	4.12	14.1	4.27	14.1	4.42	14.1	4.49	14.1	4.56	14.0	4.71
		-7.0	-7.6	14.7	4.21	14.6	4.35	14.6	4.50	14.6	4.57	14.6	4.64	14.5	4.78
		-5.0	-5.6	15.3	4.32	15.3	4.46	15.2	4.60	15.2	4.66	15.2	4.73	15.2	4.87
		-3.0	-3.7	15.9	4.42	15.9	4.55	15.8	4.68	15.8	4.75	15.8	4.81	15.8	4.94
		0.0	-0.7	16.9	4.56	16.8	4.69	16.8	4.81	16.8	4.87	16.8	4.93	16.7	5.05
		3.0	2.2	17.8	4.68	17.7	4.80	17.7	4.92	17.7	4.98	17.7	5.03	17.3	4.97
		5.0	4.1	18.4	4.76	18.4	4.87	18.3	4.98	18.3	5.04	18.3	5.10	17.3	4.78
		7.0	6.0	19.0	4.83	19.0	4.94	18.9	5.04	18.9	5.10	18.5	5.00	17.3	4.59
		9.0	7.9	19.6	4.89	19.6	5.00	19.5	5.10	19.2	5.01	18.5	4.81	17.3	4.42
		11.0	9.8	20.2	4.95	20.2	5.05	19.8	5.02	19.2	4.83	18.5	4.64	17.3	4.27
		13.0	11.8	20.8	5.01	20.8	5.11	19.8	4.84	19.2	4.65	18.5	4.47	17.3	4.12
		15.0	13.7	21.4	5.07	21.1	5.04	19.8	4.67	19.2	4.50	18.5	4.32	17.3	3.98
100%	140	-19.8	-20.0	10.7	3.54	10.6	3.71	10.6	3.89	10.6	3.98	10.6	4.07	10.5	4.25
		-18.8	-19.0	11.0	3.63	10.9	3.81	10.9	3.98	10.9	4.07	10.9	4.15	10.8	4.33
		-16.7	-17.0	11.6	3.81	11.6	3.97	11.5	4.14	11.5	4.22	11.5	4.30	11.5	4.46
		-14.7	-15.0	12.2	3.97	12.2	4.13	12.2	4.28	12.2	4.36	12.2	4.43	12.1	4.59
		-12.6	-13.0	12.9	4.11	12.9	4.26	12.8	4.41	12.8	4.48	12.8	4.55	12.8	4.70
		-10.5	-11.0	13.5	4.24	13.5	4.38	13.5	4.52	13.4	4.59	13.4	4.66	13.4	4.80
		-9.5	-10.0	13.8	4.31	13.8	4.44	13.8	4.58	13.8	4.65	13.7	4.71	13.7	4.85
		-8.5	-9.1	14.1	4.36	14.1	4.49	14.1	4.62	14.0	4.69	14.0	4.76	14.0	4.89
		-7.0	-7.6	14.6	4.44	14.6	4.57	14.5	4.70	14.5	4.76	14.5	4.83	14.5	4.96
		-5.0	-5.6	15.2	4.54	15.2	4.67	15.2	4.79	15.2	4.85	15.1	4.91	15.1	5.04
		-3.0	-3.7	15.8	4.63	15.8	4.75	15.8	4.87	15.8	4.93	15.8	4.99	15.7	5.09
		0.0	-0.7	16.8	4.76	16.8	4.87	16.7	4.98	16.7	5.04	16.7	5.09	15.7	4.74
		3.0	2.2	17.7	4.87	17.7	4.98	17.7	5.08	17.4	5.03	16.8	4.83	15.7	4.44
		5.0	4.1	18.3	4.94	18.3	5.04	18.0	5.02	17.4	4.83	16.8	4.64	15.7	4.27
		7.0	6.0	18.9	5.00	18.9	5.10	18.0	4.83	17.4	4.65	16.8	4.46	15.7	4.11
		9.0	7.9	19.5	5.06	19.2	5.01	18.0	4.65	17.4	4.47	16.8	4.30	15.7	3.96
		11.0	9.8	20.1	5.12	19.2	4.83	18.0	4.48	17.4	4.32	16.8	4.15	15.7	3.83
		13.0	11.8	20.3	4.99	19.2	4.65	18.0	4.32	17.4	4.16	16.8	4.00	15.7	3.69
		15.0	13.7	20.3	4.82	19.2	4.50	18.0	4.18	17.4	4.03	16.8	3.87	15.7	3.57
90%	126	-19.8	-20.0	10.6	3.85	10.6	4.01	10.5	4.17	10.5	4.25	10.5	4.33	10.5	4.49
		-18.8	-19.0	10.9	3.94	10.9	4.09	10.9	4.25	10.8	4.33	10.8	4.40	10.8	4.56
		-16.7	-17.0	11.6	4.10	11.5	4.25	11.5	4.39	11.5	4.47	11.5	4.54	11.4	4.69
		-14.7	-15.0	12.2	4.24	12.2	4.38	12.1	4.52	12.1	4.59	12.1	4.66	12.1	4.80
		-12.6	-13.0	12.8	4.37	12.8	4.50	12.8	4.64	12.8	4.70	12.7	4.77	12.7	4.90
		-10.5	-11.0	13.5	4.49	13.4	4.62	13.4	4.74	13.4	4.80	13.4	4.87	13.4	4.99
		-9.5	-10.0	13.8	4.54	13.8	4.67	13.7	4.79	13.7	4.85	13.7	4.91	13.7	5.04
		-8.5	-9.1	14.1	4.59	14.0	4.71	14.0	4.83	14.0	4.89	14.0	4.95	14.0	5.07
		-7.0	-7.6	14.5	4.67	14.5	4.78	14.5	4.90	14.5	4.96	14.5	5.01	14.1	4.96
		-5.0	-5.6	15.2	4.76	15.2	4.87	15.1	4.98	15.1	5.04	15.1	5.09	14.1	4.70
		-3.0	-3.7	15.8	4.84	15.8	4.95	15.7	5.05	15.7	5.09	15.2	4.88	14.1	4.49
		0.0	-0.7	16.7	4.96	16.7	5.06	16.2	4.92	15.7	4.73	15.2	4.55	14.1	4.19
		3.0	2.2	17.7	5.06	17.2	4.97	16.2	4.61	15.7	4.44	15.2	4.27	14.1	3.93
		5.0	4.1	18.3	5.12	17.2	4.77	16.2	4.43	15.7	4.27	15.2	4.10	14.1	3.78
		7.0	6.0	18.3	4.92	17.2	4.59	16.2	4.27	15.7	4.11	15.2	3.95	14.1	3.64
		9.0	7.9	18.3	4.74	17.2	4.42	16.2	4.11	15.7	3.96	15.2	3.81	14.1	3.52
		11.0	9.8	18.3	4.57	17.2	4.26	16.2	3.97	15.7	3.82	15.2	3.68	14.1	3.40
		13.0	11.8	18.3	4.40	17.2	4.11	16.2	3.83	15.7	3.69	15.2	3.55	14.1	3.28
		15.0	13.7	18.3	4.26	17.2	3.98	16.2	3.71	15.7	3.57	15.2	3.44	14.1	3.18

3 Capacity tables

3 - 2 Heating capacity tables

6HP

TC: Total Capacity ; PI: Power Input)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	112	-19.8	-20.0	10.5	4.16	10.5	4.31	10.5	4.45	10.5	4.52	10.5	4.59	10.4	4.73
		-18.8	-19.0	10.9	4.24	10.8	4.38	10.8	4.52	10.8	4.59	10.8	4.66	10.8	4.80
		-16.7	-17.0	11.5	4.39	11.5	4.52	11.4	4.65	11.4	4.71	11.4	4.78	11.4	4.91
		-14.7	-15.0	12.1	4.51	12.1	4.64	12.1	4.76	12.1	4.82	12.1	4.88	12.0	5.01
		-12.6	-13.0	12.8	4.63	12.7	4.75	12.7	4.86	12.7	4.92	12.7	4.98	12.5	5.02
		-10.5	-11.0	13.4	4.73	13.4	4.85	13.4	4.96	13.3	5.01	13.3	5.07	12.5	4.73
		-9.5	-10.0	13.7	4.78	13.7	4.89	13.7	5.00	13.7	5.06	13.5	5.01	12.5	4.60
		-8.5	-9.1	14.0	4.83	14.0	4.93	14.0	5.04	13.9	5.08	13.5	4.88	12.5	4.49
		-7.0	-7.6	14.5	4.89	14.5	5.00	14.4	5.08	13.9	4.88	13.5	4.69	12.5	4.31
		-5.0	-5.6	15.1	4.98	15.1	5.07	14.4	4.82	13.9	4.63	13.5	4.45	12.5	4.10
		-3.0	-3.7	15.7	5.05	15.3	4.95	14.4	4.59	13.9	4.42	13.5	4.25	12.5	3.91
		0.0	-0.7	16.3	4.94	15.3	4.61	14.4	4.28	13.9	4.12	13.5	3.97	12.5	3.66
		3.0	2.2	16.3	4.63	15.3	4.32	14.4	4.02	13.9	3.87	13.5	3.73	12.5	3.44
		5.0	4.1	16.3	4.45	15.3	4.15	14.4	3.87	13.9	3.73	13.5	3.59	12.5	3.32
		7.0	6.0	16.3	4.28	15.3	4.00	14.4	3.73	13.9	3.59	13.5	3.46	12.5	3.20
		9.0	7.9	16.3	4.13	15.3	3.86	14.4	3.60	13.9	3.47	13.5	3.34	12.5	3.09
		11.0	9.8	16.3	3.98	15.3	3.73	14.4	3.47	13.9	3.35	13.5	3.23	12.5	2.99
		13.0	11.8	16.3	3.84	15.3	3.60	14.4	3.36	13.9	3.24	13.5	3.12	12.5	2.89
		15.0	13.7	16.3	3.72	15.3	3.48	14.4	3.25	13.9	3.14	13.5	3.03	12.5	2.81
70%	98	-19.8	-20.0	10.5	4.48	10.5	4.60	10.4	4.73	10.4	4.79	10.4	4.85	10.4	4.98
		-18.8	-19.0	10.8	4.55	10.8	4.67	10.8	4.79	10.7	4.85	10.7	4.91	10.7	5.03
		-16.7	-17.0	11.4	4.67	11.4	4.79	11.4	4.90	11.4	4.96	11.4	5.02	11.0	4.87
		-14.7	-15.0	12.1	4.79	12.1	4.89	12.0	5.00	12.0	5.06	11.8	4.96	11.0	4.56
		-12.6	-13.0	12.7	4.89	12.7	4.99	12.6	5.05	12.2	4.85	11.8	4.66	11.0	4.29
		-10.5	-11.0	13.4	4.98	13.3	5.08	12.6	4.75	12.2	4.57	11.8	4.40	11.0	4.05
		-9.5	-10.0	13.7	5.02	13.4	4.98	12.6	4.62	12.2	4.45	11.8	4.27	11.0	3.94
		-8.5	-9.1	14.0	5.06	13.4	4.85	12.6	4.51	12.2	4.34	11.8	4.17	11.0	3.84
		-7.0	-7.6	14.2	5.00	13.4	4.66	12.6	4.33	12.2	4.17	11.8	4.01	11.0	3.70
		-5.0	-5.6	14.2	4.74	13.4	4.43	12.6	4.12	12.2	3.96	11.8	3.81	11.0	3.52
		-3.0	-3.7	14.2	4.53	13.4	4.22	12.6	3.93	12.2	3.79	11.8	3.65	11.0	3.37
		0.0	-0.7	14.2	4.22	13.4	3.94	12.6	3.67	12.2	3.54	11.8	3.41	11.0	3.16
		3.0	2.2	14.2	3.96	13.4	3.71	12.6	3.46	12.2	3.34	11.8	3.21	11.0	2.98
		5.0	4.1	14.2	3.81	13.4	3.57	12.6	3.33	12.2	3.21	11.8	3.10	11.0	2.87
		7.0	6.0	14.2	3.67	13.4	3.44	12.6	3.21	12.2	3.10	11.8	2.99	11.0	2.77
		9.0	7.9	14.2	3.55	13.4	3.32	12.6	3.10	12.2	3.00	11.8	2.89	11.0	2.68
		11.0	9.8	14.2	3.43	13.4	3.21	12.6	3.00	12.2	2.90	11.8	2.80	11.0	2.60
		13.0	11.8	14.2	3.31	13.4	3.11	12.6	2.90	12.2	2.81	11.8	2.71	11.0	2.52
		15.0	13.7	14.2	3.21	13.4	3.01	12.6	2.82	12.2	2.72	11.8	2.63	11.0	2.44
60%	84	-19.8	-20.0	10.4	4.79	10.4	4.90	10.4	5.00	10.4	5.06	10.1	4.91	9.41	4.51
		-18.8	-19.0	10.7	4.85	10.7	4.95	10.7	5.06	10.5	4.93	10.1	4.73	9.41	4.35
		-16.7	-17.0	11.4	4.96	11.4	5.06	10.8	4.77	10.5	4.59	10.1	4.41	9.41	4.06
		-14.7	-15.0	12.0	5.06	11.5	4.81	10.8	4.47	10.5	4.30	10.1	4.14	9.41	3.81
		-12.6	-13.0	12.2	4.85	11.5	4.52	10.8	4.20	10.5	4.05	10.1	3.90	9.41	3.59
		-10.5	-11.0	12.2	4.57	11.5	4.27	10.8	3.97	10.5	3.82	10.1	3.68	9.41	3.40
		-9.5	-10.0	12.2	4.44	11.5	4.15	10.8	3.86	10.5	3.72	10.1	3.58	9.41	3.31
		-8.5	-9.1	12.2	4.34	11.5	4.05	10.8	3.77	10.5	3.64	10.1	3.50	9.41	3.24
		-7.0	-7.6	12.2	4.17	11.5	3.89	10.8	3.63	10.5	3.50	10.1	3.37	9.41	3.12
		-5.0	-5.6	12.2	3.96	11.5	3.71	10.8	3.46	10.5	3.33	10.1	3.21	9.41	2.97
		-3.0	-3.7	12.2	3.79	11.5	3.54	10.8	3.31	10.5	3.19	10.1	3.08	9.41	2.85
		0.0	-0.7	12.2	3.54	11.5	3.32	10.8	3.10	10.5	2.99	10.1	2.89	9.41	2.68
		3.0	2.2	12.2	3.33	11.5	3.13	10.8	2.92	10.5	2.82	10.1	2.73	9.41	2.53
		5.0	4.1	12.2	3.21	11.5	3.01	10.8	2.82	10.5	2.73	10.1	2.63	9.41	2.45
		7.0	6.0	12.2	3.10	11.5	2.91	10.8	2.73	10.5	2.63	10.1	2.54	9.41	2.37
		9.0	7.9	12.2	3.00	11.5	2.81	10.8	2.64	10.5	2.55	10.1	2.46	9.41	2.29
		11.0	9.8	12.2	2.90	11.5	2.73	10.8	2.55	10.5	2.47	10.1	2.39	9.41	2.22
		13.0	11.8	12.2	2.80	11.5	2.64	10.8	2.47	10.5	2.39	10.1	2.31	9.41	2.16
		15.0	13.7	12.2	2.72	11.5	2.56	10.8	2.40	10.5	2.33	10.1	2.25	9.41	2.10
50%	70	-19.8	-20.0	10.2	4.94	9.58	4.60	9.00	4.28	8.71	4.12	8.42	3.96	7.84	3.65
		-18.8	-19.0	10.2	4.76	9.58	4.44	9.00	4.13	8.71	3.98	8.42	3.83	7.84	3.53
		-16.7	-17.0	10.2	4.44	9.58	4.15	9.00	3.86	8.71	3.72	8.42	3.58	7.84	3.31
		-14.7	-15.0	10.2	4.16	9.58	3.89	9.00	3.62	8.71	3.49	8.42	3.37	7.84	3.11
		-12.6	-13.0	10.2	3.92	9.58	3.67	9.00	3.42	8.71	3.30	8.42	3.18	7.84	2.94
		-10.5	-11.0	10.2	3.70	9.58	3.47	9.00	3.24	8.71	3.12	8.42	3.01	7.84	2.79
		-9.5	-10.0	10.2	3.60	9.58	3.38	9.00	3.15	8.71	3.04	8.42	2.94	7.84	2.72
		-8.5	-9.1	10.2	3.52	9.58	3.30	9.00	3.08	8.71	2.98	8.42	2.87	7.84	2.66
		-7.0	-7.6	10.2	3.39	9.58	3.18	9.00	2.97	8.71	2.87	8.42	2.77	7.84	2.57
		-5.0	-5.6	10.2	3.23	9.58	3.03	9.00	2.84	8.71	2.74	8.42	2.65	7.84	2.46
		-3.0	-3.7	10.2	3.09	9.58	2.90	9.00	2.72	8.71	2.63	8.42	2.54	7.84	2.36
		0.0	-0.7	10.2	2.90	9.58	2.73	9.00	2.56	8.71	2.47	8.42	2.39	7.84	2.23
		3.0	2.2	10.2	2.74	9.58	2.58	9.00	2.42	8.71	2.34	8.42	2.26	7.84	2.11
		5.0	4.1	10.2	2.65	9.58	2.49	9.00	2.34	8.71	2.26	8.42	2.19	7.84	2.04
		7.0	6.0	10.2	2.56	9.58	2.41	9.00	2.26	8.71	2.19	8.42	2.12	7.84	1.98
		9.0	7.9	10.2	2.48	9.58	2.33	9.00	2.19	8.71	2.12	8.42	2.06	7.84	1.92
		11.0	9.8	10.2	2.40	9.58	2.26	9.00	2.13	8.71	2.06	8.42	2.00	7.84	1.87
		13.0	11.8	10.2	2.33	9.58	2.19	9.00	2.07	8.71	2.00	8.42	1.94	7.84	1.81
		15.0	13.7	10.2	2.26	9.58	2.13	9.00	2.01	8.71	1.95	8.42	1.89	7.84	1.77

NOTES

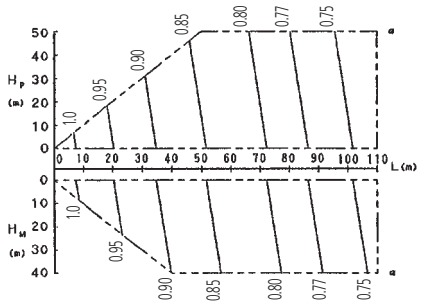
1 [ ] is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by [ ]

3 Capacity tables

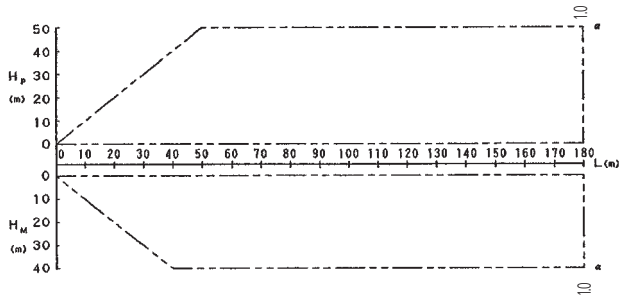
3 - 3 Capacity correction factor

RXYSQ4-5M7V3B

- Rate of change in cooling capacity



- Rate of change in heating capacity



3D045710

NOTES

1 These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.

2 With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

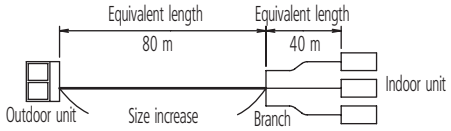
3 Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length

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

Model	gas	liquid
RXYSQ4,5M7V3B	ø 19.1	not increased

5 When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows:
Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching

Example



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

EXPLANATION OF SYMBOLS

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

Diameter of pipes

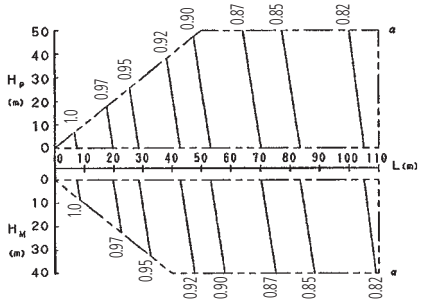
Model	liquid	gas
RXYSQ4,5M7V3B	ø 15.9	ø 9.5

3 Capacity tables

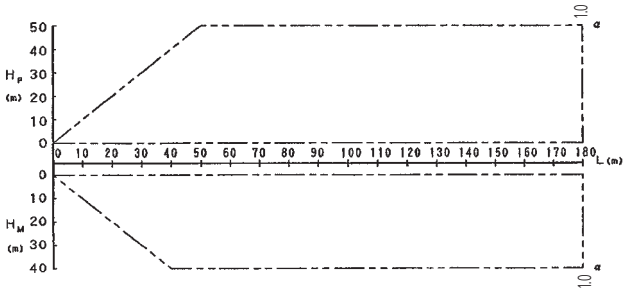
3 - 3 Capacity correction factor

RXYSQ6M7V3B

- Rate of change in cooling capacity



- Rate of change in heating capacity



3D045961

NOTES

1 These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.

2 With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

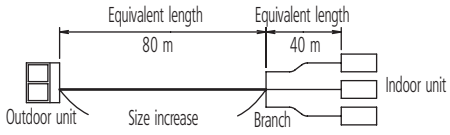
3 Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
When piping length differs depending on the indoor unit, maximum capacity of each unit during simultaneous operation is:
cooling / heating capacity = cooling / heating capacity of each unit x capacity rate of change for each piping length

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

Model	gas	liquid
RXYSQ6M7V3B	ø 22.2	not increased

5 When the main sections of the interunit gas pipe diameters are increased the overall equivalent length should be calculated as follows:
Overall equivalent length = Equivalent length to main pipe x 0.5 + Equivalent length after branching

Example



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

EXPLANATION OF SYMBOLS

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

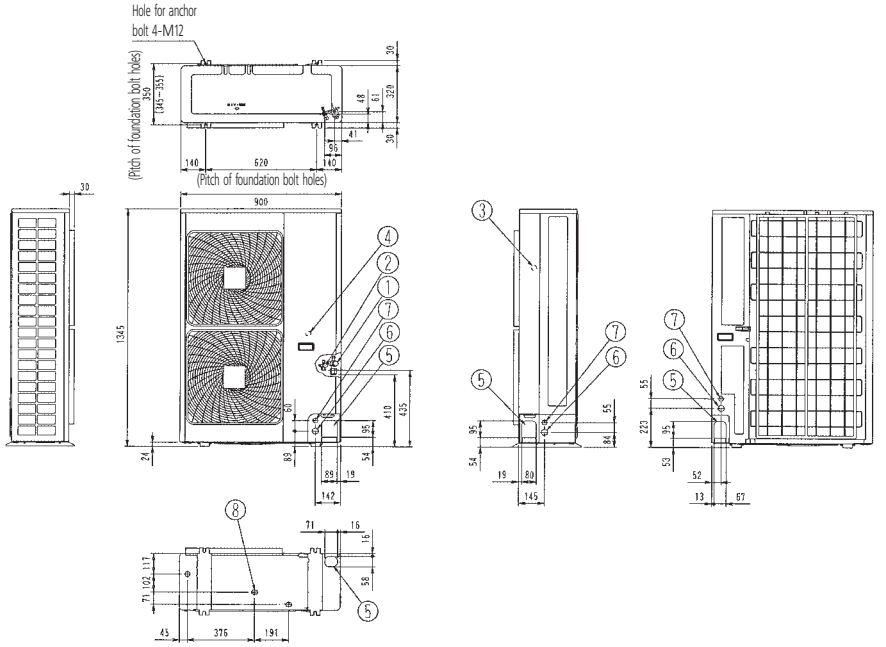
Diameter of pipes

Model	liquid	gas
RXYSQ6M7V3B	ø 19.1	ø 9.5

4 Dimensional drawing & centre of gravity

4 - 1 Dimensional drawing

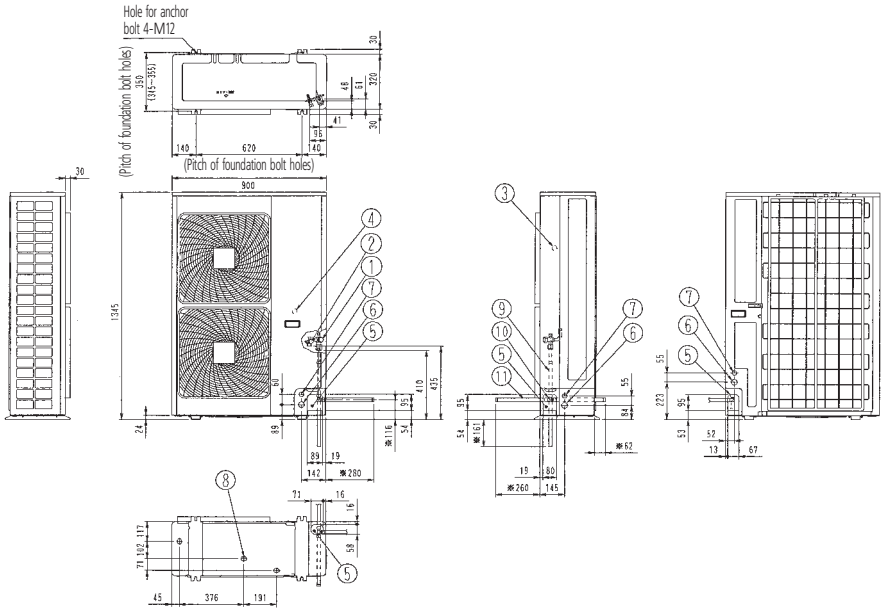
RXYSQ4-5M7V3B



Nr	Part name	Description
1	Gas pipe connection port	ø 15.9 Flare connection
2	Liquid pipe connection port	ø 9.5 Flare connection
3	Service port	In the unit
4	Grounding terminal	Inside of switch box (M5)
5	Refrigerant piping intake	
6	Power supply wiring intake	ø 34 knock hole
7	Control wiring itnake	ø 27 knock hole
8	Drain pipe connection	Outside Diameter ø 26 3 points

3D045694

RXYSQ6M7V3B



Nr	Part name	Description
1	Gas pipe connection port	ø 19.1 Flare connection
2	Liquid pipe connection port	ø 9.5 Flare connection
3	Service port	In the unit
4	Grounding terminal	Inside of switch box (M5)
5	Refrigerant piping intake	
6	Power supply wiring intake	ø 34 knock hole
7	Control wiring itnake	ø 27 knock hole
8	Drain pipe connection	Outside Diameter ø 26 3 points
9	Auxiliary pipe	ø 19.1
10	Auxiliary pipe	ø 19.1
11	Auxiliary pipe	ø 19.1

NOTES

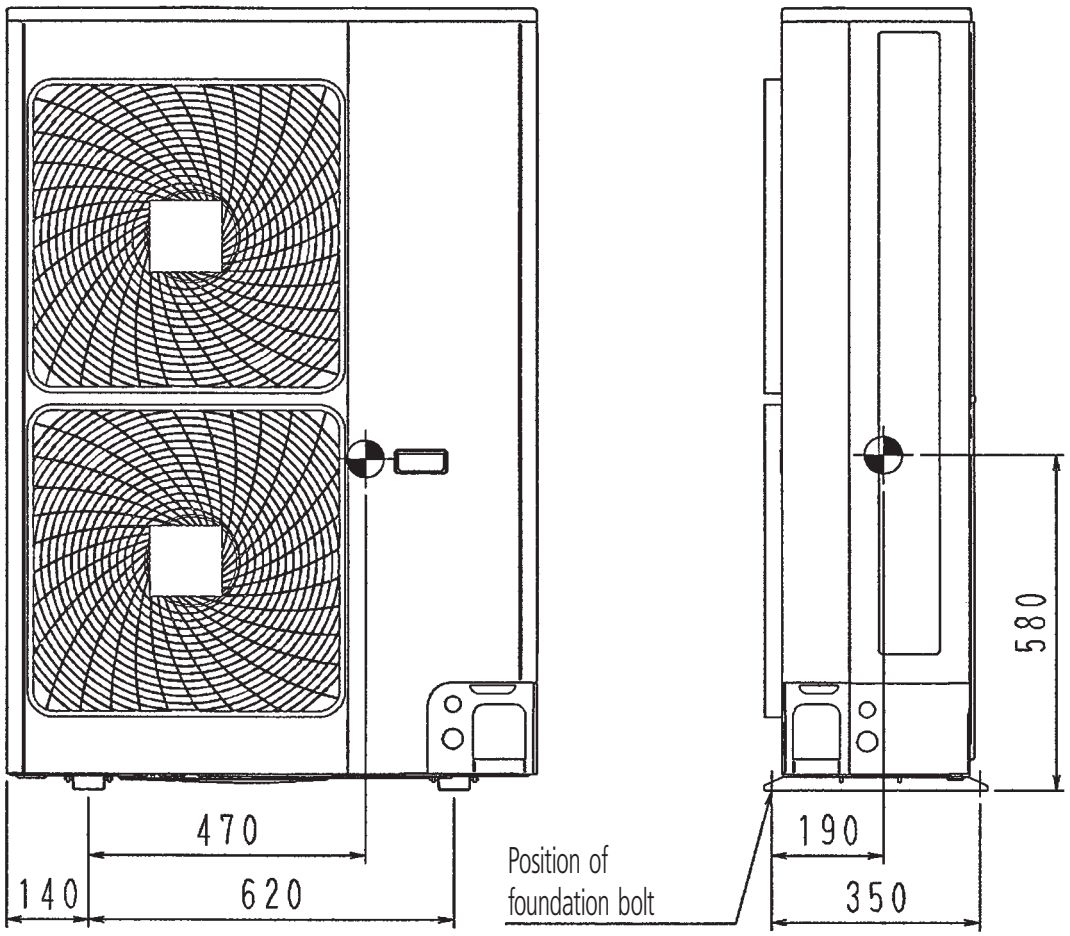
1 The dimension marked with ❊ is a dimension after attachment of auxiliary pipe.

3D045695

4 Dimensional drawing & centre of gravity

4 - 2 Centre of gravity

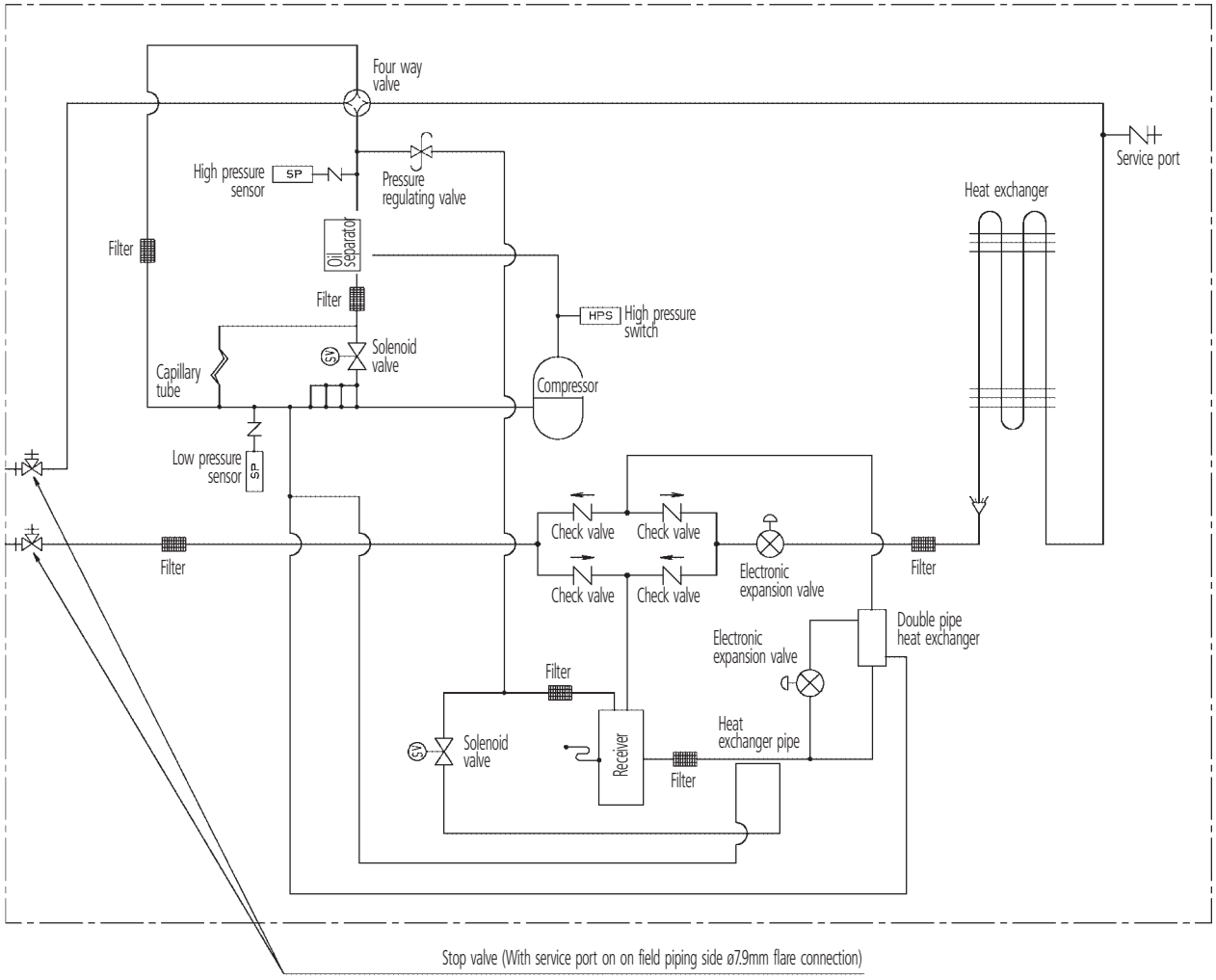
RXYSQ-M7V3B



4D045726

5 Piping diagram

RXYSQ-M7V3B



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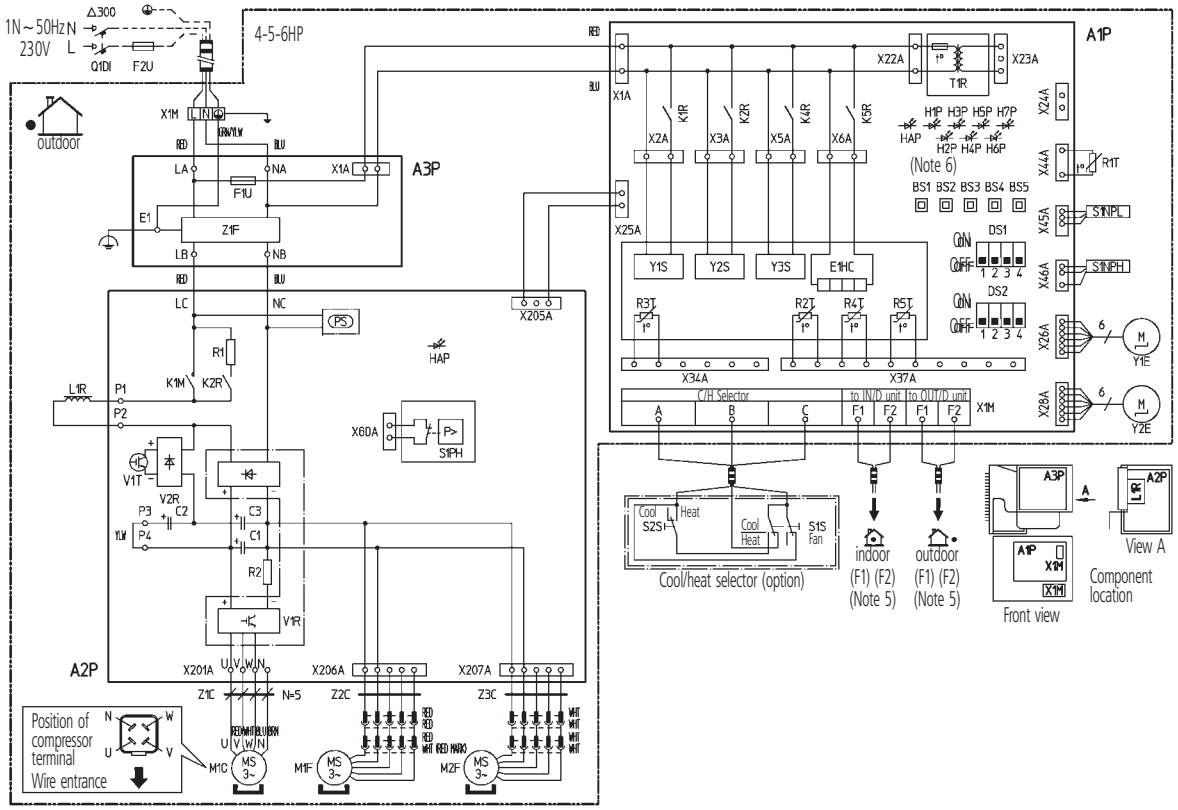
6 Wiring diagram

6 - 1 Wiring diagram

RXYSQ-M7V3B



A1P	Printed circuit board (Main)	K2R	Magnetic relay (Y2S)	T1R	Transformer (230V/20V)
A2P	Printed circuit board (Inv)	K4R	Magnetic relay (Y3S)	V1R, V2R	Power module (A2P)
A3P	Printed circuit board (Noise filter)	K5R	Magnetic relay (E1HC)	V1T	IGBT (A2P)
BS1 ~ 5	Push button switch	L1R	Reactor	X1M	Terminal strip (Power supply)
	(Mode, Set. Return, Test, Reset)	M1C	Motor (Compressor)	X1M	Terminal strip (Control) (A1P)
C1, 2, 3	Capacitor	M1F, M2F	Motor (Fan)	Y1E	Electronic expansion valve (Main)
DS1, 2	Dip switch	PS	Switching power supply	Y2E	Electronic expansion valve (Subcool)
E1HC	Crankcase heater	Q1DI	Field Earth Leak Detector (300mA)	Y1S	Solenoid valve (Hot gas)
F1U	Fuse (T6, 3A/250V)	R1	Resistor (Current limiting)	Y2S	Solenoid valve (Receiver gas purge)
F2U	Field fuse	R2	Resistor (Current sensor)	Y3S	Solenoid valve (4 way valve)
H1P ~ H7P	Light emitting.diode (Service monitor-orange)	R1T	Thermistor (Air)	Z1C~3C	Noise filter (Ferrite core)
	[H2P] Prepare, test --------flickering	R2T	Thermistor (Suction)	Z1F	Noise filter (With surge absorber)
	Malfuntion detection------light up	R3T	Thermistor (Compressor discharge)		
HAP (A1P, A2P)	Light emitting.diode	R4T	Thermistor (Heat exchanger deicer)		
	(Service monitor-green)	R5T	Thermistor (Heat exchanger outlet)		
K1M	Magnetic contactor (M1C)	S1NPH	Pressure sensor (High)	Cool/heat selector	
K2R	Magnetic relay (K1M)	S1NPL	Pressure sensor (Low)	S1S	Selector switch (Fan/Cool • Heat)
K1R	Magnetic relay (Y1S)	S1PH	Pressure switch (High)	S2S	Selector switch (Cool/Heat)

L : Live
N : Neutral
: Field wiring
: Terminal strip
: Connector
: Connection
: Protective earth (screw)
: Relay connector
: Noiseless earth
: Terminal

COLORS : BLU : Blue RED : Red
BRN : Brown WHT : White
YLW : Yellow GRN : Green

NOTES

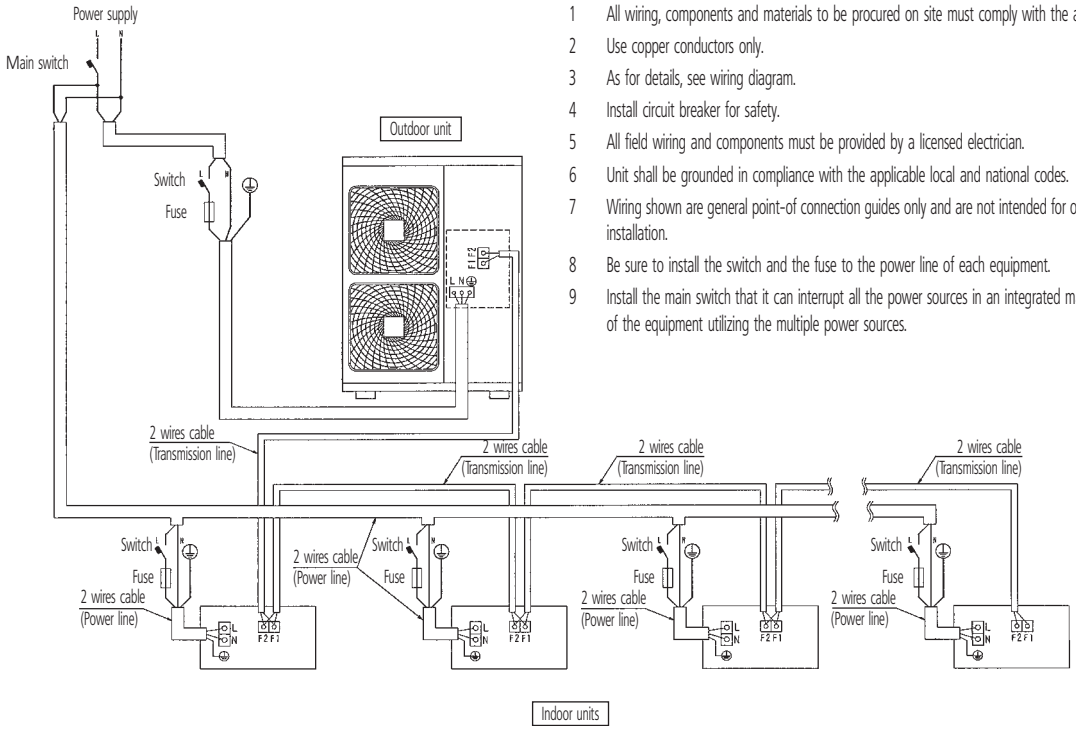
1 This wiring diagram only applies to the outdoor unit,
2 When using the option adaptor, refer to the installation manual.
3 Refer to the installation manual, for connection wiring to indoor-outdoor.
Transmission F1•F2, outdoor-outdoor transmission F1•F2.
4 Refer to "operation caution label" (on back of front plate), how to use BS1~BS5 and DS1•2 switch.
5 Do not operate the unit by short circuiting protection device. (S1PH-)

2TW26106-1

6 Wiring diagram

6 - 2 External connection diagram

RXYSQ-M7V3B



NOTES

1 All wiring, components and materials to be procured on site must comply with the applicable local and national codes.
2 Use copper conductors only.
3 As for details, see wiring diagram.
4 Install circuit breaker for safety.
5 All field wiring and components must be provided by a licensed electrician.
6 Unit shall be grounded in compliance with the applicable local and national codes.
7 Wiring shown are general point-of connection guides only and are not intended for or to include all details for a specific installation.
8 Be sure to install the switch and the fuse to the power line of each equipment.
9 Install the main switch that it can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.

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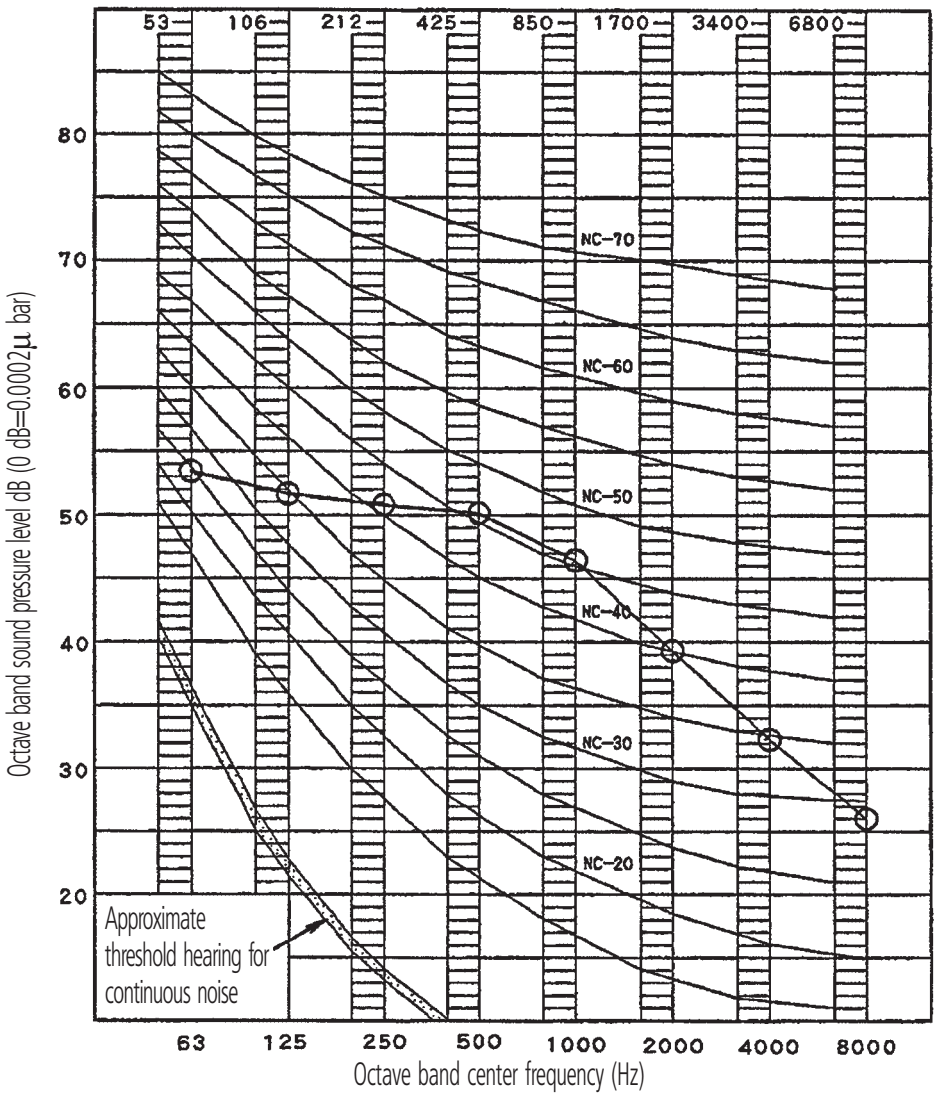
6

7 Sound data

7 - 1 Sound pressure spectrum

RXYSQ4M7V3B 4D045714



NOTES

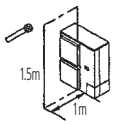
1 Over all (dB):

Scale	50 Hz 240 V
A	51

2 Operating conditions:
Power source 240 V 50 Hz
Cooling:
Return air temperature: 27 °CDB, 19.0°CWB
Outdoor temperature: 35°CDB, 24°CWB

3 Measuring place:
Anechoic chamber

4 Location of mictrophone:



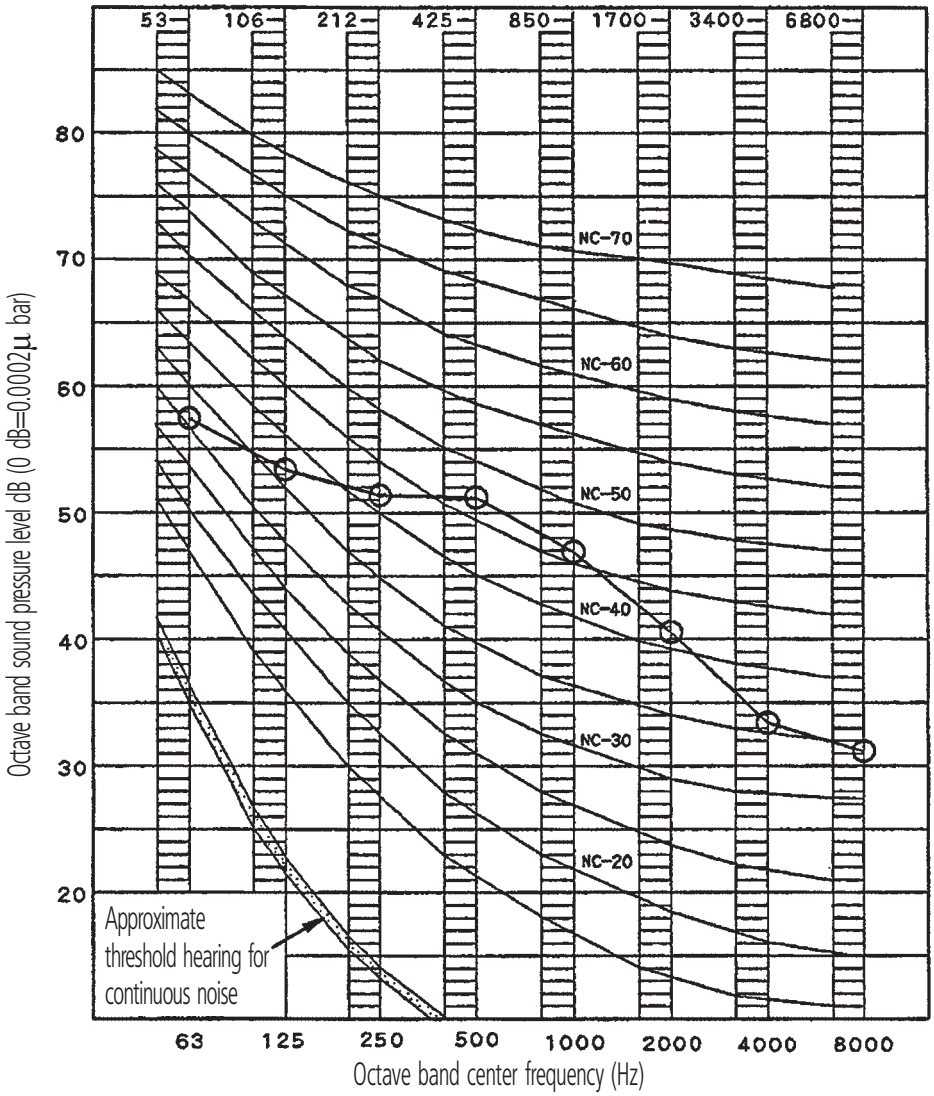
5 The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.

7

7 Sound data

7 - 1 Sound pressure spectrum

RXYSQ5M7V3B 4D045715



NOTES

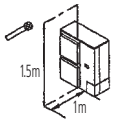
1 Over all (dB):

Scale	50 Hz 240 V
A	52

2 Operating conditions:
Power source 240 V 50 Hz
Cooling:
Return air temperature: 27 °CDB, 19.0°CWB
Outdoor temperature: 35°CDB, 24°CWB

3 Measuring place:
Anechoic chamber

4 Location of mictrophone:

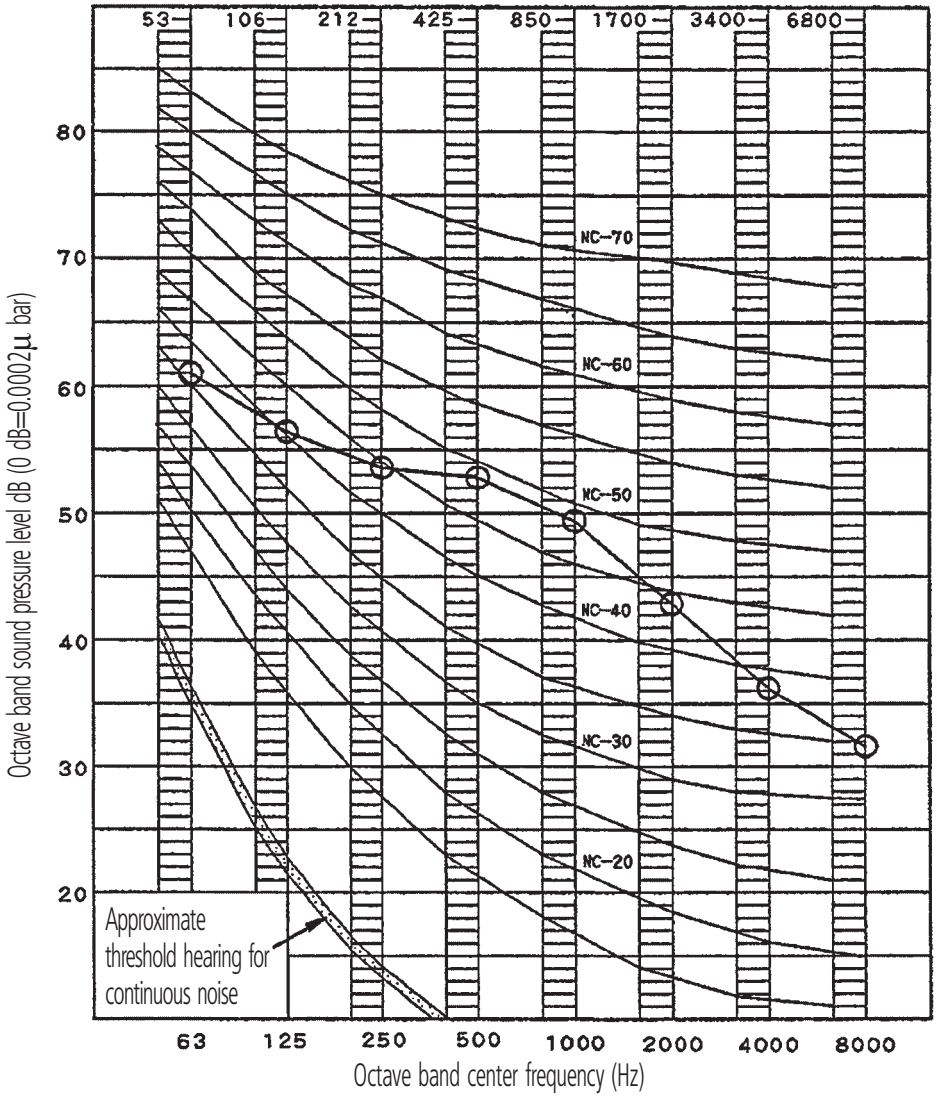


5 The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.

7 Sound data

7 - 1 Sound pressure spectrum

RXYSQ6M7V3B 4D045716



NOTES

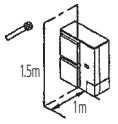
1 Over all (dB):

Scale	50 Hz 240 V
A	54

2 Operating conditions:
Power source 240 V 50 Hz
Cooling:
Return air temperature: 27 °CDB, 19.0°CWB
Outdoor temperature: 35°CDB, 24°CWB

3 Measuring place:
Anechoic chamber

4 Location of mictrophone:

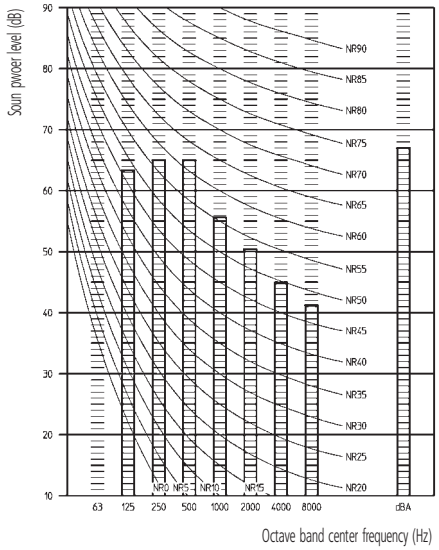


5 The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.

7 Sound data

7 - 2 Sound power spectrum

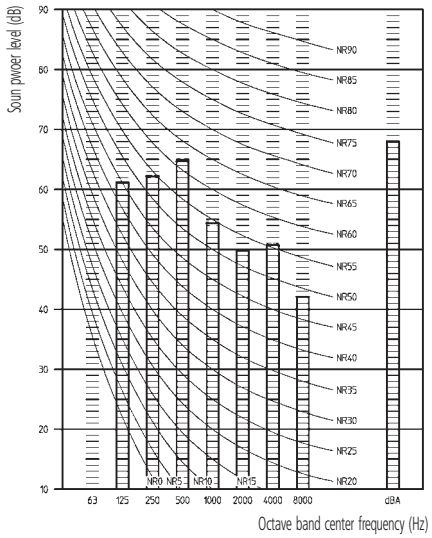
RXYSQ4M7V3B 3TW26107-1



NOTES

1 dBA = A-weighted sound power level. (A-scale according to IEC)
2 Reference acoustic intensity 0dB = 10E-6μW/m^2.
3 Measured according to ISO 3744

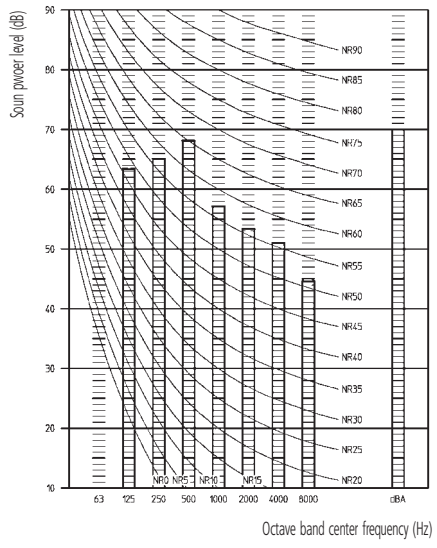
RXYSQ5M7V3B 3TW26117-1



NOTES

1 dBA = A-weighted sound power level. (A-scale according to IEC)
2 Reference acoustic intensity 0dB = 10E-6μW/m^2.
3 Measured according to ISO 3744

RXYSQ6M7V3B 3TW26127-1



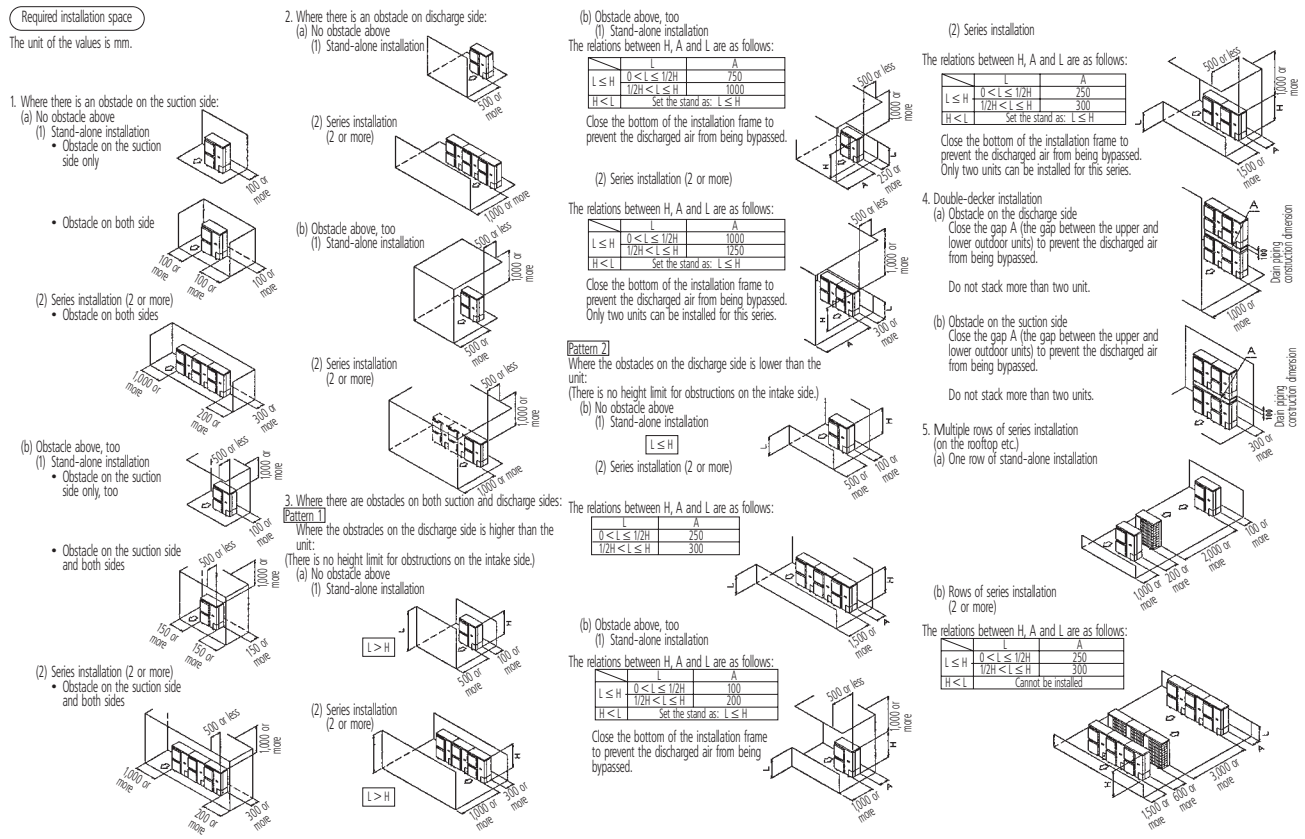
NOTES

1 dBA = A-weighted sound power level. (A-scale according to IEC)
2 Reference acoustic intensity 0dB = 10E-6μW/m^2.
3 Measured according to ISO 3744

8 Installation

8 - 1 Installation method

RXYSQ-M7V3B



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8 Installation

8 - 2 Refnet pipe selection

RXYSQ-M7V1B

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

1 indoor unit
refnet joint
refnet header

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

Refrigerant branch kit selection

Refrigerant branch kits can only be used with R-410A.

Use the following refnet joint

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

Use the following refnet header

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

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

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

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

Outdoor unit connection piping size

Outdoor unit capacity type	Piping size (outer diameter x minimum thickness) Gas pipe	Liquid pipe
RXYSQ4~6	Ø15.9x1.0	Ø9.5x0.8
	Ø19.1x1.0	
	Ø22.2x1.0	

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

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

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

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

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

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

Example for refrigerant branch using refnet joint and refnet header

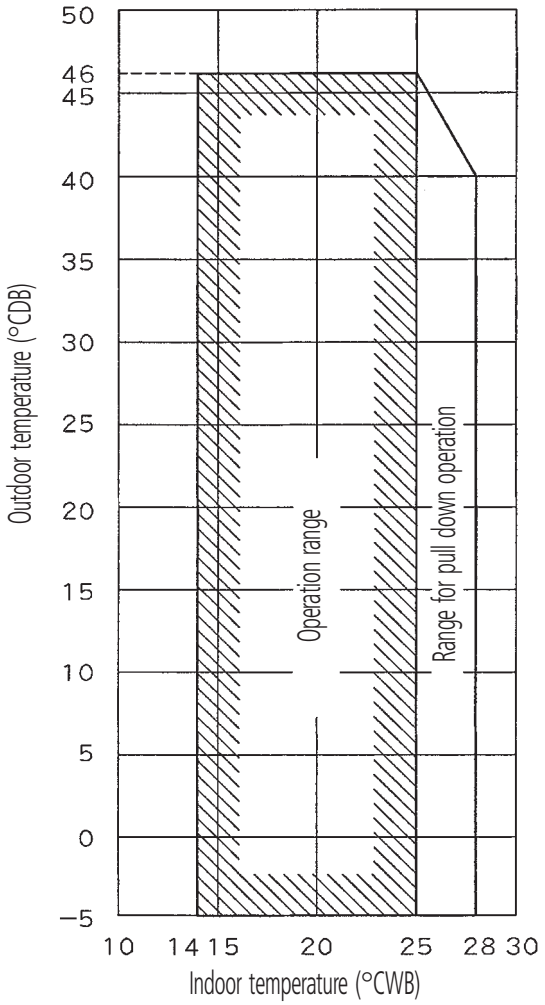
a: Ø9.5x30 m	d: Ø9.5x13 m	g: Ø6.4x10 m	j: Ø6.4x10 m
b: Ø9.5x10 m	e: Ø6.4x10 m	h: Ø6.4x20 m	k: Ø6.4x9 m
c: Ø9.5x10 m	f: Ø6.4x10 m	i: Ø9.5x10 m	

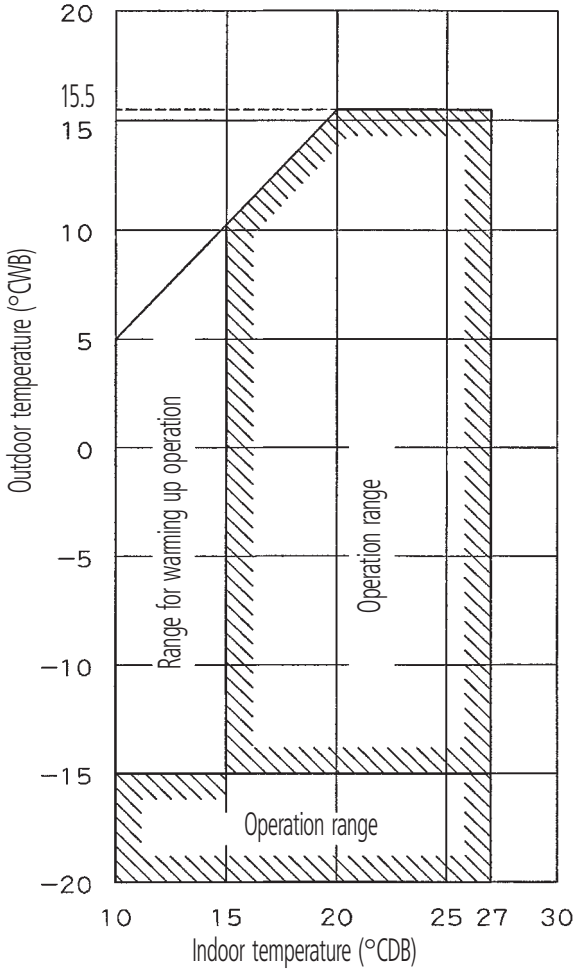
R=[73 x 0.054] + [69 x 0.022] = 5.46 ⇒ 5.5 kg

8

9 Operation range

RXYSQ-M7V3B





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NOTES

1 These figures assume the following operating conditions:
Indoor and outdoor units:
Equivalent pipe length: 7.5m
Level difference: 0m

9

2

VRV II Systems

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

Daikin 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.

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

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

Daikin equipment is designed for comfort applications. For use in other applications, please contact your local Daikin representative.

Specifications are subject to change without prior notice

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