

technical data

VRV™ Systems

RSX(Y)P-K7W1

Inverter cooling only / heat pump series

RSX(Y)P-K7W1

VRF™ Inverter cooling only / heat pump series



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1 Specifications

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Outdoor unit		HP	Max. n° of connectable indoors	Range of total capacity index	Capacity steps
RSXP5K7W1	Cooling only	5	8	62.5 - 162.5	13
RSXP8K7W1		8	13	100 - 260	20
RSXP10K7W1		10	16	125 - 325	20
RSXP5K7W1	Heat pump	5	8	62.5 - 162.5	13
RSXP8K7W1		8	13	100 - 260	20
RSXP10K7W1		10	16	125 - 325	20

1-1 Technical specifications

VRV Inverter series using R-407C			Cooling only			Heat pump		
			RSXP5K7W1	RSXP8K7W1	RSXP10K7W1	RSXP5K7W1	RSXP8K7W1	RSXP10K7W1
NOMINAL COOLING CAPACITY (1)		kW	14.0	22.4	28.0	14.0	22.4	28.0
NOMINAL HEATING CAPACITY (2)		kW	-	-	-	16.0	25.0	31.5
NOMINAL INPUT	Cooling	kW	6.10	9.43	11.8	6.10	9.43	11.8
	Heating	kW	-	-	-	5.67	8.66	11.0
DIMENSIONS		HxWxD	mm	1,440x635x690	1,220x1,280x690	1,440x1,280x690	1,220x1,280x690	1,440x1,280x690
WEIGHT		kg	137	227	248	137	227	248
COLOUR			ivory white (5Y7.5/1)					
SOUND LEVEL - 380V	Sound pressure	dB(A)	54	57	58	54	57	58
	Sound power	dB(A)	*	*	*	*	*	*
FAN	Model		P52H11S					
	Type		propeller fan					
	Air flow rate	m ³ /h	4,800	9,000	10,200	4,800	9,000	10,200
	Motor output	W	190	140 + 230	190 + 230	190	140 + 230	190 + 230
	Drive		direct drive					
COMPRESSOR	Model		JT100BEVYE	JT100BEVYE + JT100BETYE	JT100BEVYE + JT160BETYE	JT100BEVYE	JT100BEVYE + JT100BETYE	JT100BEVYE + JT160BETYE
	Type		hermetically sealed scroll compressor					
	Number of revolutions	rpm	6,750	6,750, 2,900	6,750, 2,900	6,750	6,750, 2,900	6,750, 2,900
	Piston displacement	m ³ /h	21.62	21.62 + 9.29	21.62 + 14.32	21.62	21.62 + 9.29	21.62 + 14.32
	Motor output x nr. of units	kW	3.5 x 1	(3.5 + 2.2) x 1	(3.5 + 3.75) x 1	3.5 x 1	(3.5 + 2.2) x 1	(3.5 + 3.75) x 1
	Starting method		direct on line					
HEAT EXCHANGER	Rows x stages x fin pitch	mm	2x50x2.0	2x40x2.0	2x50x2.0	2x50x2.0	2x40x2.0	2x50x2.0
	Face area	m ²	1.26	1.57	1.97	1.26	1.57	1.97
REFRIGERANT	Name		R-407C					
	Charge	kg	6.3	9.6	11.2	6.3	9.6	11.2
	Control		electronic expansion valve					
REFRIGERANT OIL	Name		DAPHNE FVC68D					
	Charge volume	l	1.2	1.5 + 1.4	1.5 + 1.7	1.2	1.5 + 1.4	1.5 + 1.7
PIPING CONNECTIONS	Liquid	flare	mm	9.5	12.7	9.5	12.7	12.7
	Gas	mm	19.1 flare	28.6 brazing	19.1 flare	19.1 flare	28.6 brazing	28.6 brazing
DEFROST METHOD			deicer					
CAPACITY CONTROL		%	26 to 100	18 to 100	15 to 100	26 to 100	18 to 100	15 to 100

* data were not available at the time of publication

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NOTES

1 Nominal cooling capacities are based on:

- Indoor temperature: 27°CDB, 19°CWB
- Outdoor temperature: 35°CDB
- Equivalent refrigerant piping: 8m (horizontal)

2 Nominal heating capacities are based on:

- Indoor temperature: 20°CDB
- Outdoor temperature: 7°CDB, 6°CWB
- Equivalent refrigerant piping: 8m (horizontal)

1-2 Electrical specifications

VRV Inverter series using R-407C			Cooling only			Heat pump		
			RSXP5K7W1	RSXP8K7W1	RSXP10K7W1	RSXP5K7W1	RSXP8K7W1	RSXP10K7W1
CURRENT	Minimum circuit amps (MCA)	A	14.5	22.0	23.0	14.5	22.0	23.0
	Total overcurrent amps (TOCA)	A	17.7	28.7	32.0	17.7	28.7	32.0
	Maximum fuse amps (MFA)	A	20	32	40	20	32	40
POWER SUPPLY		W1	3 ~, 50 Hz, 400V					
VOLTAGE RANGE		Min/max	360 / 440					
OUTDOOR FAN MOTOR	Fan motor rated output	W	190	140 + 230	190 + 230	190	140 + 230	190 + 230
	Full load amps (FLA)	A	1.23	0.95 + 1.29	1.23 + 1.29	1.23	0.95 + 1.29	1.23 + 1.29
COMPRESSOR	Maximum starting current (MSC)		19	57	73	19	57	73
	Rated load amps (RLA)	A	10.1	10.6 + 5.5	9.0 + 8.2	10.1	10.6 + 5.5	9.0 + 8.2

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NOTES

- 1 RLA is based on following conditions:
 - Indoor temperature: 27°CDB, 19°CWB
 - Outdoor temperature: 35°CDB
- 2 TOCA means the total value of each OC set
- 3 MSC means the maximum current during start up of the compressor
- 4 Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits
- 5 Maximum allowable voltage range variation between phases is 2 %
- 6 MCA/MFA:MCA = 1.25 x maximum RLA + other RLA + EA FLA
MFA ≤ 2.25 x maximum RLA + other RLA + EA FLA
next lower standard fuse rating minimum 16A
- 7 Select wire size based on the value of MCA or TOCA
- 8 MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)

1-3 Safety device settings

VRV Inverter series using R-407C		Cooling only			Heat pump			
		RSXP5K7W1	RSXP8K7W1	RSXP10K7W1	RSXP5K7W1	RSXP8K7W1	RSXP10K7W1	
PC BOARD FUSE (A1P)		AC 250V 10A						
FAN MOTOR THERMAL PROTECTOR		°C		OFF: 135 ^{±5} °C ON: 86 ^{±15} °C				
HIGH PRESSURE SWITCH		OFF: 3.09 ^{+0.1} _{-0.1} MP, ON: 2.16 ^{+0.1} MP						
FUSIBLE PLUG		70 ~ 75°C						
COMPRESSOR OVERCURRENT RELAY		A	-	10	13	-	10	13
INVERTER FIN THERMAL		°C		OFF: 95 ^{±5} °C ON: 85 ^{±5} °C				

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2 Accessories

VRV Inverter series using R-407C	RSX(Y)P5K7W1	RSX(Y)P8K7W1	RSX(Y)P10K7W1
COOL/HEAT SELECTOR	KRC19-26		
FIXING BOX	KJB111A		
FAN MOTOR SIZE UP (HIGH E.S.P. MODIFICATION (5MM H ₂ O))	NFM22C5	NFM22C10	NFM22C5
REFNET HEADER	KHRP26K11H	KHRP26K18H	
	KHRP26K18H	KHRP26K37H	
REFNET JOINT	KHRP26K11T	KHRP26K18T	
	KHRP26K18T	KHRP26K37T	
WIRE MOUNTING PLATE	KKSJ26A (standard type)		

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3 Capacity tables

3-1 Cooling capacity

3 3-1-1 RSX(Y)P5K7W1

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
130%	162.5	10.0	12.8	4.82	14.1	4.93	19.3	6.03	20.1	6.08	20.8	6.14	22.3	6.25	23.8	6.37
		12.0	12.8	4.86	14.1	4.97	19.1	6.13	19.9	6.19	20.6	6.24	22.1	6.36	23.6	6.47
		14.0	12.8	4.93	14.1	5.03	18.9	6.24	19.6	6.30	20.4	6.36	21.8	6.48	23.3	6.59
		16.0	12.8	5.01	14.1	5.12	18.7	6.37	19.4	6.43	20.1	6.49	21.6	6.61	23.0	6.73
		18.0	12.8	5.12	14.1	5.24	18.5	6.51	19.2	6.57	19.9	6.63	21.3	6.75	22.8	6.87
		20.0	12.8	5.26	14.1	5.37	18.3	6.66	19.0	6.72	19.7	6.78	21.1	6.91	22.5	7.03
		21.0	12.8	5.34	14.1	5.45	18.1	6.74	18.8	6.80	19.5	6.86	20.9	6.99	22.3	7.12
		23.0	12.8	5.51	14.1	5.63	17.9	6.91	18.6	6.97	19.3	7.03	20.7	7.16	22.0	7.29
		25.0	12.8	5.65	14.1	5.77	17.6	7.09	18.3	7.15	19.0	7.22	20.4	7.35	21.7	7.48
		27.0	12.8	5.82	14.1	5.94	17.4	7.28	18.1	7.35	18.7	7.41	20.1	7.55	21.4	7.69
		29.0	12.8	6.04	14.1	6.18	17.1	7.48	17.8	7.55	18.4	7.62	19.8	7.76	21.1	7.90
		31.0	12.8	6.32	14.1	6.46	16.8	7.70	17.5	7.77	18.1	7.84	19.4	7.99	20.7	8.13
		33.0	12.8	6.66	14.1	6.80	16.6	7.93	17.2	8.00	17.8	8.07	19.1	8.22	20.4	8.37
		35.0	12.8	7.04	14.1	7.20	16.3	8.17	16.9	8.24	17.5	8.32	18.8	8.47	20.0	8.63
		37.0	12.8	7.27	14.1	7.43	16.0	8.42	16.6	8.50	17.2	8.58	18.4	8.73	19.7	8.89
		39.0	12.8	7.51	14.1	7.67	15.7	8.68	16.3	8.76	16.9	8.85	18.1	9.01	19.3	9.17
120%	150	10.0	12.6	4.79	13.8	4.89	16.5	5.55	19.7	6.04	20.4	6.09	21.9	6.21	23.4	6.32
		12.0	12.6	4.83	13.8	4.93	16.5	5.60	19.5	6.14	20.2	6.20	21.7	6.31	23.1	6.43
		14.0	12.6	4.89	13.8	5.00	16.5	5.67	19.3	6.26	20.0	6.31	21.4	6.43	22.9	6.55
		16.0	12.6	4.98	13.8	5.08	16.5	5.77	19.1	6.38	19.8	6.44	21.2	6.56	22.6	6.68
		18.0	12.6	5.09	13.8	5.20	16.5	5.90	18.8	6.52	19.5	6.58	21.0	6.70	22.4	6.82
		20.0	12.6	5.22	13.8	5.33	16.5	6.05	18.6	6.67	19.3	6.73	20.7	6.86	22.1	6.98
		21.0	12.6	5.30	13.8	5.41	16.5	6.14	18.5	6.75	19.2	6.81	20.6	6.94	21.9	7.06
		23.0	12.6	5.47	13.8	5.59	16.5	6.34	18.2	6.92	18.9	6.98	20.3	7.11	21.6	7.24
		25.0	12.6	5.61	13.8	5.73	16.5	6.50	18.0	7.10	18.7	7.17	20.0	7.30	21.3	7.43
		27.0	12.6	5.78	13.8	5.90	16.5	6.70	17.7	7.29	18.4	7.36	19.7	7.50	21.0	7.63
		29.0	12.6	6.00	13.8	6.13	16.5	6.96	17.5	7.50	18.1	7.57	19.4	7.71	20.7	7.84
		31.0	12.6	6.28	13.8	6.41	16.5	7.28	17.2	7.71	17.8	7.79	19.1	7.93	20.4	8.07
		33.0	12.6	6.61	13.8	6.75	16.3	7.87	16.9	7.94	17.5	8.02	18.8	8.16	20.0	8.31
		35.0	12.6	6.99	13.8	7.14	16.0	8.11	16.6	8.18	17.2	8.26	18.4	8.41	19.7	8.56
		37.0	12.6	7.22	13.8	7.37	15.7	8.36	16.3	8.44	16.9	8.51	18.1	8.67	19.3	8.83
		39.0	12.6	7.45	13.8	7.61	15.4	8.62	16.0	8.70	16.6	8.78	17.8	8.94	18.9	9.10
110%	137.5	10.0	11.7	4.20	12.8	4.29	14.6	4.87	15.7	4.91	18.9	5.34	20.3	5.44	21.7	5.54
		12.0	11.7	4.23	12.8	4.32	14.6	4.91	15.7	4.95	18.7	5.43	20.1	5.53	21.4	5.63
		14.0	11.7	4.29	12.8	4.38	14.6	4.97	15.7	5.01	18.5	5.53	19.9	5.64	21.2	5.74
		16.0	11.7	4.36	12.8	4.46	14.6	5.06	15.7	5.10	18.3	5.65	19.7	5.75	21.0	5.85
		18.0	11.7	4.46	12.8	4.56	14.6	5.17	15.7	5.22	18.1	5.77	19.4	5.87	20.7	5.98
		20.0	11.7	4.58	12.8	4.68	14.6	5.31	15.7	5.35	17.9	5.90	19.2	6.01	20.5	6.12
		21.0	11.7	4.64	12.8	4.74	14.6	5.38	15.7	5.43	17.8	5.97	19.1	6.08	20.3	6.19
		23.0	11.7	4.79	12.8	4.90	14.6	5.56	15.7	5.61	17.5	6.12	18.8	6.23	20.1	6.35
		25.0	11.7	4.91	12.8	5.02	14.6	5.70	15.7	5.75	17.3	6.28	18.5	6.40	19.8	6.51
		27.0	11.7	5.06	12.8	5.17	14.6	5.87	15.7	5.92	17.0	6.45	18.3	6.57	19.5	6.69
		29.0	11.7	5.26	12.8	5.37	14.6	6.10	15.7	6.15	16.8	6.63	18.0	6.75	19.2	6.88
		31.0	11.7	5.50	12.8	5.62	14.6	6.38	15.7	6.44	16.5	6.82	17.7	6.95	18.9	7.07
		33.0	11.7	5.79	12.8	5.92	14.6	6.72	15.7	6.96	16.2	7.03	17.4	7.16	18.6	7.28
		35.0	11.7	6.13	12.8	6.26	14.6	7.10	15.4	7.17	16.0	7.24	17.1	7.37	18.2	7.51
		37.0	11.7	6.32	12.8	6.46	14.6	7.33	15.1	7.39	15.7	7.46	16.8	7.60	17.9	7.74
		39.0	11.7	6.53	12.8	6.67	14.6	7.57	14.8	7.63	15.4	7.70	16.5	7.84	17.6	7.98
100%	125	10.0	10.8	3.57	11.8	3.65	13.5	4.14	14.0	4.18	14.5	4.22	18.7	4.63	19.9	4.71
		12.0	10.8	3.60	11.8	3.68	13.5	4.17	14.0	4.21	14.5	4.25	18.5	4.71	19.7	4.79
		14.0	10.8	3.65	11.8	3.73	13.5	4.23	14.0	4.27	14.5	4.31	18.3	4.79	19.5	4.88
		16.0	10.8	3.71	11.8	3.79	13.5	4.30	14.0	4.34	14.5	4.38	18.1	4.89	19.3	4.98
		18.0	10.8	3.79	11.8	3.88	13.5	4.40	14.0	4.44	14.5	4.48	17.9	5.00	19.1	5.09
		20.0	10.8	3.89	11.8	3.98	13.5	4.51	14.0	4.56	14.5	4.60	17.7	5.11	18.8	5.21
		21.0	10.8	3.95	11.8	4.04	13.5	4.58	14.0	4.62	14.5	4.67	17.5	5.17	18.7	5.27
		23.0	10.8	4.08	11.8	4.17	13.5	4.73	14.0	4.77	14.5	4.82	17.3	5.30	18.5	5.40
		25.0	10.8	4.18	11.8	4.27	13.5	4.85	14.0	4.89	14.5	4.94	17.1	5.44	18.2	5.54
		27.0	10.8	4.31	11.8	4.40	13.5	4.99	14.0	5.04	14.5	5.09	16.8	5.59	17.9	5.69
		29.0	10.8	4.47	11.8	4.57	13.5	5.19	14.0	5.24	14.5	5.28	16.6	5.75	17.7	5.85
		31.0	10.8	4.68	11.8	4.78	13.5	5.43	14.0	5.48	14.5	5.53	16.3	5.91	17.4	6.02
		33.0	10.8	4.93	11.8	5.04	13.5	5.71	14.0	5.77	14.5	5.82	16.0	6.09	17.1	6.20
		35.0	10.8	5.21	11.8	5.33	13.5	6.04	14.0	6.10	14.5	6.16	15.7	6.27	16.8	6.39
		37.0	10.8	5.38	11.8	5.50	13.5	6.24	14.0	6.30	14.4	6.35	15.5	6.47	16.5	6.58
		39.0	10.8	5.56	11.8	5.68	13.5	6.44	14.0	6.50	14.1	6.55	15.2	6.67	16.2	6.79

3 Capacity tables

3-1 Cooling capacity

3-1-1 RSX(Y)P5K7W1

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
90%	112.5	10.0	9.69	3.04	10.63	3.11	12.13	3.53	12.60	3.56	13.07	3.60	15.08	3.66	17.95	4.02
		12.0	9.69	3.07	10.63	3.14	12.13	3.56	12.60	3.59	13.07	3.62	15.08	3.69	17.77	4.08
		14.0	9.69	3.11	10.63	3.18	12.13	3.60	12.60	3.64	13.07	3.67	15.08	3.74	17.58	4.16
		16.0	9.69	3.16	10.63	3.23	12.13	3.67	12.60	3.70	13.07	3.74	15.08	3.80	17.38	4.25
		18.0	9.69	3.23	10.63	3.30	12.13	3.75	12.60	3.78	13.07	3.82	15.08	3.89	17.17	4.34
		20.0	9.69	3.32	10.63	3.39	12.13	3.85	12.60	3.88	13.07	3.92	15.08	3.99	16.96	4.44
		21.0	9.69	3.37	10.63	3.44	12.13	3.90	12.60	3.94	13.07	3.98	15.08	4.05	16.85	4.49
		23.0	9.69	3.48	10.63	3.55	12.13	4.03	12.60	4.07	13.07	4.11	15.08	4.18	16.62	4.60
		25.0	9.69	3.56	10.63	3.64	12.13	4.13	12.60	4.17	13.07	4.21	15.08	4.29	16.39	4.72
		27.0	9.69	3.67	10.63	3.75	12.13	4.26	12.60	4.30	13.07	4.34	15.08	4.42	16.15	4.85
		29.0	9.69	3.81	10.63	3.90	12.13	4.42	12.60	4.46	13.07	4.50	14.91	4.90	15.90	4.99
		31.0	9.69	3.99	10.63	4.08	12.13	4.63	12.60	4.67	13.07	4.71	14.67	5.04	15.65	5.13
		33.0	9.69	4.20	10.63	4.29	12.13	4.87	12.60	4.92	13.07	4.96	14.42	5.19	15.39	5.28
		35.0	9.69	4.44	10.63	4.54	12.13	5.15	12.60	5.20	13.07	5.25	14.17	5.35	15.12	5.44
		37.0	9.69	4.59	10.63	4.69	12.13	5.32	12.60	5.37	13.07	5.42	13.91	5.51	14.84	5.61
		39.0	9.69	4.74	10.63	4.84	12.13	5.49	12.60	5.54	13.07	5.59	13.64	5.68	14.56	5.79
80%	100	10.0	8.62	2.58	9.45	2.64	10.78	2.99	11.20	3.02	11.62	3.05	12.45	3.11	14.04	3.16
		12.0	8.62	2.60	9.45	2.66	10.78	3.02	11.20	3.05	11.62	3.07	12.45	3.13	14.04	3.19
		14.0	8.62	2.64	9.45	2.69	10.78	3.06	11.20	3.08	11.62	3.11	12.45	3.17	14.04	3.23
		16.0	8.62	2.68	9.45	2.74	10.78	3.11	11.20	3.14	11.62	3.17	12.45	3.23	14.04	3.28
		18.0	8.62	2.74	9.45	2.80	10.78	3.18	11.20	3.21	11.62	3.24	12.45	3.30	14.04	3.36
		20.0	8.62	2.82	9.45	2.88	10.78	3.26	11.20	3.29	11.62	3.32	12.45	3.39	14.04	3.45
		21.0	8.62	2.86	9.45	2.92	10.78	3.31	11.20	3.34	11.62	3.37	12.45	3.43	14.04	3.50
		23.0	8.62	2.95	9.45	3.01	10.78	3.42	11.20	3.45	11.62	3.48	12.45	3.55	14.04	3.61
		25.0	8.62	3.02	9.45	3.09	10.78	3.50	11.20	3.54	11.62	3.57	12.45	3.63	14.04	3.70
		27.0	8.62	3.11	9.45	3.18	10.78	3.61	11.20	3.64	11.62	3.68	12.45	3.74	14.04	3.81
		29.0	8.62	3.23	9.45	3.30	10.78	3.75	11.20	3.78	11.62	3.82	12.45	3.89	14.04	3.96
		31.0	8.62	3.38	9.45	3.46	10.78	3.92	11.20	3.96	11.62	4.00	12.45	4.07	13.91	4.35
		33.0	8.62	3.56	9.45	3.64	10.78	4.13	11.20	4.17	11.62	4.21	12.45	4.29	13.68	4.48
		35.0	8.62	3.77	9.45	3.85	10.78	4.37	11.20	4.41	11.62	4.45	12.45	4.53	13.44	4.62
		37.0	8.62	3.89	9.45	3.97	10.78	4.51	11.20	4.55	11.62	4.59	12.45	4.68	13.19	4.76
		39.0	8.62	4.02	9.45	4.10	10.78	4.66	11.20	4.70	11.62	4.74	12.45	4.83	12.94	4.91
70%	87.5	10.0	7.54	2.19	8.27	2.24	9.44	2.54	9.80	2.56	10.16	2.59	10.89	2.63	11.62	2.68
		12.0	7.54	2.21	8.27	2.26	9.44	2.56	9.80	2.58	10.16	2.61	10.89	2.65	11.62	2.70
		14.0	7.54	2.24	8.27	2.28	9.44	2.59	9.80	2.62	10.16	2.64	10.89	2.69	11.62	2.74
		16.0	7.54	2.28	8.27	2.32	9.44	2.64	9.80	2.66	10.16	2.69	10.89	2.74	11.62	2.79
		18.0	7.54	2.33	8.27	2.38	9.44	2.70	9.80	2.72	10.16	2.75	10.89	2.80	11.62	2.85
		20.0	7.54	2.39	8.27	2.44	9.44	2.77	9.80	2.79	10.16	2.82	10.89	2.87	11.62	2.92
		21.0	7.54	2.42	8.27	2.47	9.44	2.81	9.80	2.83	10.16	2.86	10.89	2.91	11.62	2.97
		23.0	7.54	2.50	8.27	2.55	9.44	2.90	9.80	2.93	10.16	2.95	10.89	3.01	11.62	3.06
		25.0	7.54	2.56	8.27	2.62	9.44	2.97	9.80	3.00	10.16	3.03	10.89	3.08	11.62	3.14
		27.0	7.54	2.64	8.27	2.70	9.44	3.06	9.80	3.09	10.16	3.12	10.89	3.18	11.62	3.23
		29.0	7.54	2.74	8.27	2.80	9.44	3.18	9.80	3.21	10.16	3.24	10.89	3.30	11.62	3.36
		31.0	7.54	2.87	8.27	2.93	9.44	3.33	9.80	3.36	10.16	3.39	10.89	3.45	11.62	3.51
		33.0	7.54	3.02	8.27	3.09	9.44	3.50	9.80	3.54	10.16	3.57	10.89	3.63	11.62	3.70
		35.0	7.54	3.20	8.27	3.27	9.44	3.71	9.80	3.74	10.16	3.77	10.89	3.84	11.62	3.91
		37.0	7.54	3.30	8.27	3.37	9.44	3.82	9.80	3.86	10.16	3.90	10.89	3.97	11.62	4.04
		39.0	7.54	3.41	8.27	3.48	9.44	3.95	9.80	3.99	10.16	4.02	10.89	4.10	11.62	4.17
60%	75	10.0	6.46	1.88	7.09	1.92	8.09	2.18	8.40	2.20	8.71	2.22	9.34	2.26	9.96	2.30
		12.0	6.46	1.89	7.09	1.94	8.09	2.20	8.40	2.22	8.71	2.24	9.34	2.28	9.96	2.32
		14.0	6.46	1.92	7.09	1.96	8.09	2.22	8.40	2.25	8.71	2.27	9.34	2.31	9.96	2.35
		16.0	6.46	1.95	7.09	2.00	8.09	2.26	8.40	2.28	8.71	2.31	9.34	2.35	9.96	2.39
		18.0	6.46	2.00	7.09	2.04	8.09	2.31	8.40	2.34	8.71	2.36	9.34	2.40	9.96	2.44
		20.0	6.46	2.05	7.09	2.09	8.09	2.38	8.40	2.40	8.71	2.42	9.34	2.46	9.96	2.51
		21.0	6.46	2.08	7.09	2.12	8.09	2.41	8.40	2.43	8.71	2.46	9.34	2.50	9.96	2.55
		23.0	6.46	2.15	7.09	2.19	8.09	2.49	8.40	2.51	8.71	2.53	9.34	2.58	9.96	2.63
		25.0	6.46	2.20	7.09	2.25	8.09	2.55	8.40	2.57	8.71	2.60	9.34	2.65	9.96	2.69
		27.0	6.46	2.27	7.09	2.32	8.09	2.63	8.40	2.65	8.71	2.68	9.34	2.73	9.96	2.77
		29.0	6.46	2.35	7.09	2.41	8.09	2.73	8.40	2.75	8.71	2.78	9.34	2.83	9.96	2.88
		31.0	6.46	2.46	7.09	2.52	8.09	2.86	8.40	2.88	8.71	2.91	9.34	2.96	9.96	3.02
		33.0	6.46	2.59	7.09	2.65	8.09	3.01	8.40	3.03	8.71	3.06	9.34	3.12	9.96	3.18
		35.0	6.46	2.74	7.09	2.80	8.09	3.18	8.40	3.21	8.71	3.24	9.34	3.30	9.96	3.36
		37.0	6.46	2.83	7.09	2.89	8.09	3.28	8.40	3.31	8.71	3.34	9.34	3.41	9.96	3.47
		39.0	6.46	2.92	7.09	2.99	8.09	3.39	8.40	3.42	8.71	3.45	9.34	3.52	9.96	3.58

3 Capacity tables

3-1 Cooling capacity

3

3-1-1 RSX(Y)P5K7W1

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
50%	62.5	10.0	5.4	1.64	5.91	1.67	6.74	1.90	7.00	1.92	7.26	1.94	7.78	1.97	8.30	2.01
		12.0	5.4	1.65	5.91	1.69	6.74	1.92	7.00	1.93	7.26	1.95	7.78	1.99	8.30	2.02
		14.0	5.4	1.67	5.91	1.71	6.74	1.94	7.00	1.96	7.26	1.98	7.78	2.01	8.30	2.05
		16.0	5.4	1.70	5.91	1.74	6.74	1.97	7.00	1.99	7.26	2.01	7.78	2.05	8.30	2.09
		18.0	5.4	1.74	5.91	1.78	6.74	2.02	7.00	2.04	7.26	2.06	7.78	2.09	8.30	2.13
		20.0	5.4	1.79	5.91	1.83	6.74	2.07	7.00	2.09	7.26	2.11	7.78	2.15	8.30	2.19
		21.0	5.4	1.81	5.91	1.85	6.74	2.10	7.00	2.12	7.26	2.14	7.78	2.18	8.30	2.22
		23.0	5.4	1.87	5.91	1.91	6.74	2.17	7.00	2.19	7.26	2.21	7.78	2.25	8.30	2.29
		25.0	5.4	1.92	5.91	1.96	6.74	2.22	7.00	2.25	7.26	2.27	7.78	2.31	8.30	2.35
		27.0	5.4	1.98	5.91	2.02	6.74	2.29	7.00	2.31	7.26	2.33	7.78	2.38	8.30	2.42
		29.0	5.4	2.05	5.91	2.10	6.74	2.38	7.00	2.40	7.26	2.43	7.78	2.47	8.30	2.51
		31.0	5.4	2.15	5.91	2.20	6.74	2.49	7.00	2.51	7.26	2.54	7.78	2.58	8.30	2.63
		33.0	5.4	2.26	5.91	2.31	6.74	2.62	7.00	2.65	7.26	2.67	7.78	2.72	8.30	2.77
		35.0	5.4	2.39	5.91	2.45	6.74	2.77	7.00	2.80	7.26	2.83	7.78	2.88	8.30	2.93
		37.0	5.4	2.47	5.91	2.52	6.74	2.86	7.00	2.89	7.26	2.92	7.78	2.97	8.30	3.02
		39.0	5.4	2.55	5.91	2.61	6.74	2.96	7.00	2.98	7.26	3.01	7.78	3.07	8.30	3.12

3 Capacity tables

3-1 Cooling capacity

3-1-2 RSX(Y)P8K7W1

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%	260	10.0	20.7	7.26	22.8	7.40	32.2	8.42	33.5	8.49	34.7	8.56	37.3	8.70	39.9	8.84
		12.0	20.7	7.32	22.8	7.45	31.7	8.59	32.9	8.66	34.2	8.73	36.8	8.87	39.3	9.02
		14.0	20.7	7.42	22.8	7.55	31.2	8.77	32.4	8.84	33.7	8.92	36.2	9.06	38.7	9.21
		16.0	20.7	7.55	22.8	7.68	30.7	8.97	31.9	9.05	33.1	9.12	35.6	9.27	38.1	9.42
		18.0	20.7	7.71	22.8	7.86	30.2	9.19	31.4	9.26	32.6	9.34	35.0	9.49	37.5	9.65
		20.0	20.7	7.92	22.8	8.06	29.7	9.41	30.9	9.49	32.1	9.57	34.5	9.73	36.9	9.89
		21.0	20.7	8.03	22.8	8.18	29.4	9.53	30.6	9.61	31.8	9.69	34.2	9.85	36.5	10.0
		23.0	20.7	8.29	22.8	8.44	29.0	9.79	30.1	9.87	31.3	9.95	33.6	10.1	35.9	10.3
		25.0	20.7	8.52	22.8	8.67	28.5	10.1	29.6	10.1	30.7	10.2	33.0	10.4	35.3	10.6
		27.0	20.7	8.78	22.8	8.94	28.0	10.3	29.1	10.4	30.2	10.5	32.5	10.7	34.7	10.9
		29.0	20.7	9.12	22.8	9.29	27.5	10.6	28.6	10.7	29.7	10.8	31.9	11.0	34.1	11.2
		31.0	20.7	9.54	22.8	9.71	27.0	10.9	28.1	11.0	29.1	11.1	31.3	11.3	33.5	11.5
		33.0	20.7	10.0	22.8	10.2	26.5	11.3	27.5	11.4	28.6	11.5	30.7	11.6	32.9	11.8
		35.0	20.7	10.6	22.8	10.8	26.0	11.6	27.0	11.7	28.1	11.8	30.2	12.0	32.3	12.2
		37.0	20.7	10.9	22.8	11.1	25.5	12.0	26.5	12.1	27.5	12.2	29.6	12.4	31.6	12.6
		39.0	20.7	11.3	22.8	11.5	25.0	12.3	26.0	12.4	27.0	12.5	29.0	12.7	31.0	13.0
120%	240	10.0	20.2	7.14	22.3	7.27	26.3	7.81	32.7	8.34	34.0	8.41	36.5	8.55	39.0	8.69
		12.0	20.2	7.20	22.3	7.33	26.3	7.87	32.2	8.51	33.4	8.58	35.9	8.72	38.4	8.86
		14.0	20.2	7.29	22.3	7.42	26.3	7.97	31.7	8.69	32.9	8.77	35.4	8.91	37.8	9.05
		16.0	20.2	7.42	22.3	7.55	26.3	8.11	31.2	8.89	32.4	8.96	34.8	9.11	37.2	9.26
		18.0	20.2	7.58	22.3	7.72	26.3	8.29	30.7	9.10	31.9	9.18	34.3	9.33	36.6	9.48
		20.0	20.2	7.78	22.3	7.93	26.3	8.51	30.2	9.33	31.4	9.41	33.7	9.56	36.0	9.72
		21.0	20.2	7.90	22.3	8.04	26.3	8.64	29.9	9.45	31.1	9.53	33.4	9.69	35.7	9.84
		23.0	20.2	8.15	22.3	8.30	26.3	8.92	29.4	9.70	30.6	9.78	32.9	9.94	35.1	10.1
		25.0	20.2	8.37	22.3	8.53	26.3	9.16	28.9	10.0	30.1	10.0	32.3	10.2	34.5	10.4
		27.0	20.2	8.63	22.3	8.79	26.3	9.44	28.4	10.2	29.5	10.3	31.7	10.5	33.9	10.7
		29.0	20.2	8.96	22.3	9.13	26.3	9.81	27.9	10.5	29.0	10.6	31.2	10.8	33.3	11.0
		31.0	20.2	9.37	22.3	9.55	26.3	10.3	27.4	10.8	28.5	10.9	30.6	11.1	32.7	11.3
		33.0	20.2	9.86	22.3	10.0	25.9	11.1	26.9	11.2	28.0	11.3	30.1	11.4	32.1	11.6
		35.0	20.2	10.4	22.3	10.6	25.4	11.4	26.4	11.5	27.4	11.6	29.5	11.8	31.5	12.0
		37.0	20.2	10.7	22.3	10.9	24.9	11.8	25.9	11.9	26.9	12.0	28.9	12.2	30.9	12.3
		39.0	20.2	11.1	22.3	11.3	24.4	12.1	25.4	12.2	26.4	12.3	28.4	12.5	30.3	12.7
110%	220	10.0	18.9	6.58	20.7	6.70	23.4	7.20	25.2	7.26	31.6	7.75	34.0	7.88	36.3	8.01
		12.0	18.9	6.63	20.7	6.75	23.4	7.26	25.2	7.32	31.2	7.91	33.5	8.04	35.8	8.17
		14.0	18.9	6.72	20.7	6.84	23.4	7.35	25.2	7.41	30.7	8.08	32.9	8.21	35.2	8.35
		16.0	18.9	6.84	20.7	6.96	23.4	7.48	25.2	7.54	30.2	8.26	32.4	8.40	34.7	8.54
		18.0	18.9	6.99	20.7	7.12	23.4	7.65	25.2	7.71	29.7	8.46	31.9	8.60	34.1	8.74
		20.0	18.9	7.17	20.7	7.31	23.4	7.85	25.2	7.91	29.2	8.67	31.4	8.81	33.6	8.96
		21.0	18.9	7.28	20.7	7.41	23.4	7.96	25.2	8.03	29.0	8.78	31.1	8.93	33.3	9.07
		23.0	18.9	7.51	20.7	7.65	23.4	8.22	25.2	8.29	28.5	9.01	30.6	9.16	32.7	9.31
		25.0	18.9	7.72	20.7	7.86	23.4	8.44	25.2	8.51	28.0	9.26	30.1	9.41	32.2	9.56
		27.0	18.9	7.95	20.7	8.10	23.4	8.70	25.2	8.77	27.5	9.52	29.6	9.68	31.6	9.83
		29.0	18.9	8.26	20.7	8.41	23.4	9.04	25.2	9.11	27.0	9.79	29.0	10.0	31.0	10.1
		31.0	18.9	8.64	20.7	8.80	23.4	9.45	25.2	9.53	26.5	10.1	28.5	10.2	30.5	10.4
		33.0	18.9	9.09	20.7	9.26	23.4	9.94	25.1	10.3	26.0	10.4	28.0	10.5	29.9	10.7
		35.0	18.9	9.61	20.7	9.78	23.4	10.5	24.6	10.6	25.6	10.7	27.5	10.9	29.4	11.0
		37.0	18.9	9.89	20.7	10.1	23.4	10.8	24.1	10.9	25.1	11.0	26.9	11.2	28.8	11.4
		39.0	18.9	10.2	20.7	10.4	23.4	11.2	23.7	11.3	24.6	11.4	26.4	11.5	28.3	11.7
100%	200	10.0	17.3	5.85	19.0	5.96	21.5	6.40	22.4	6.46	23.2	6.51	31.2	7.01	33.4	7.12
		12.0	17.3	5.90	19.0	6.01	21.5	6.46	22.4	6.51	23.2	6.56	30.7	7.15	32.9	7.27
		14.0	17.3	5.98	19.0	6.09	21.5	6.54	22.4	6.59	23.2	6.65	30.2	7.31	32.3	7.42
		16.0	17.3	6.08	19.0	6.19	21.5	6.65	22.4	6.71	23.2	6.77	29.8	7.47	31.8	7.59
		18.0	17.3	6.22	19.0	6.33	21.5	6.80	22.4	6.86	23.2	6.92	29.3	7.65	31.3	7.77
		20.0	17.3	6.38	19.0	6.50	21.5	6.98	22.4	7.04	23.2	7.10	28.8	7.84	30.8	7.97
		21.0	17.3	6.48	19.0	6.59	21.5	7.08	22.4	7.14	23.2	7.20	28.6	7.94	30.5	8.07
		23.0	17.3	6.68	19.0	6.81	21.5	7.31	22.4	7.37	23.2	7.43	28.1	8.15	30.0	8.28
		25.0	17.3	6.87	19.0	6.99	21.5	7.51	22.4	7.57	23.2	7.64	27.6	8.37	29.5	8.51
		27.0	17.3	7.08	19.0	7.21	21.5	7.74	22.4	7.81	23.2	7.87	27.1	8.61	29.0	8.75
		29.0	17.3	7.35	19.0	7.48	21.5	8.04	22.4	8.11	23.2	8.18	26.7	8.85	28.5	9.00
		31.0	17.3	7.69	19.0	7.83	21.5	8.41	22.4	8.48	23.2	8.55	26.2	9.11	28.0	9.26
		33.0	17.3	8.09	19.0	8.24	21.5	8.85	22.4	8.92	23.2	9.00	25.7	9.38	27.5	9.54
		35.0	17.3	8.55	19.0	8.70	21.5	9.35	22.4	9.43	23.2	9.51	25.2	9.67	27.0	9.83
		37.0	17.3	8.80	19.0	8.96	21.5	9.63	22.4	9.71	23.0	9.80	24.7	10.0	26.4	10.1
		39.0	17.3	9.07	19.0	9.24	21.5	9.93	22.4	10.0	22.6	10.1	24.3	10.3	25.9	10.4

3 Capacity tables

3-1 Cooling capacity

3

3-1-2 RSX(Y)P8K7W1

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
90%	180	10.0	15.6	5.02	17.2	5.11	19.4	5.49	20.2	5.53	20.9	5.58	24.4	5.67	30.1	6.10
		12.0	15.6	5.06	17.2	5.15	19.4	5.53	20.2	5.58	20.9	5.62	24.4	5.72	29.6	6.23
		14.0	15.6	5.12	17.2	5.21	19.4	5.60	20.2	5.65	20.9	5.70	24.4	5.79	29.2	6.36
		16.0	15.6	5.21	17.2	5.31	19.4	5.70	20.2	5.75	20.9	5.80	24.4	5.89	28.7	6.51
		18.0	15.6	5.33	17.2	5.42	19.4	5.83	20.2	5.88	20.9	5.93	24.4	6.02	28.2	6.66
		20.0	15.6	5.47	17.2	5.57	19.4	5.98	20.2	6.03	20.9	6.08	24.4	6.18	27.8	6.83
		21.0	15.6	5.55	17.2	5.65	19.4	6.07	20.2	6.12	20.9	6.17	24.4	6.27	27.5	6.92
		23.0	15.6	5.73	17.2	5.83	19.4	6.27	20.2	6.32	20.9	6.37	24.4	6.47	27.1	7.10
		25.0	15.6	5.88	17.2	5.99	19.4	6.44	20.2	6.49	20.9	6.54	24.4	6.65	26.6	7.29
		27.0	15.6	6.06	17.2	6.17	19.4	6.63	20.2	6.69	20.9	6.74	24.4	6.86	26.2	7.49
		29.0	15.6	6.30	17.2	6.41	19.4	6.89	20.2	6.95	20.9	7.00	24.0	7.59	25.7	7.71
		31.0	15.6	6.59	17.2	6.71	19.4	7.21	20.2	7.27	20.9	7.33	23.6	7.81	25.2	7.94
		33.0	15.6	6.93	17.2	7.06	19.4	7.58	20.2	7.64	20.9	7.71	23.2	8.04	24.8	8.17
		35.0	15.6	7.32	17.2	7.46	19.4	8.01	20.2	8.08	20.9	8.14	22.7	8.28	24.3	8.42
		37.0	15.6	7.54	17.2	7.68	19.4	8.25	20.2	8.32	20.9	8.39	22.3	8.54	23.9	8.68
		39.0	15.6	7.77	17.2	7.92	19.4	8.50	20.2	8.58	20.9	8.65	21.9	8.80	23.4	8.95
80%	160	10.0	13.8	4.32	15.2	4.40	17.20	4.73	17.9	4.77	18.6	4.81	20.0	4.88	22.6	4.96
		12.0	13.8	4.35	15.2	4.43	17.20	4.76	17.9	4.80	18.6	4.84	20.0	4.92	22.6	5.00
		14.0	13.8	4.41	15.2	4.49	17.20	4.83	17.9	4.87	18.6	4.91	20.0	4.99	22.6	5.07
		16.0	13.8	4.49	15.2	4.57	17.20	4.91	17.9	4.95	18.6	4.99	20.0	5.08	22.6	5.16
		18.0	13.8	4.59	15.2	4.67	17.20	5.02	17.9	5.06	18.6	5.10	20.0	5.19	22.6	5.27
		20.0	13.8	4.71	15.2	4.80	17.20	5.15	17.9	5.20	18.6	5.24	20.0	5.33	22.6	5.41
		21.0	13.8	4.78	15.2	4.87	17.20	5.23	17.9	5.27	18.6	5.32	20.0	5.40	22.6	5.49
		23.0	13.8	4.93	15.2	5.02	17.20	5.40	17.9	5.44	18.6	5.49	20.0	5.58	22.6	5.67
		25.0	13.8	5.07	15.2	5.16	17.20	5.54	17.9	5.59	18.6	5.64	20.0	5.73	22.6	5.82
		27.0	13.8	5.22	15.2	5.32	17.20	5.71	17.9	5.76	18.6	5.81	20.0	5.90	22.6	6.00
		29.0	13.8	5.42	15.2	5.52	17.20	5.93	17.9	5.98	18.6	6.03	20.0	6.13	22.6	6.23
		31.0	13.8	5.67	15.2	5.78	17.20	6.21	17.9	6.26	18.6	6.31	20.0	6.41	22.4	6.84
		33.0	13.8	5.97	15.2	6.08	17.20	6.53	17.9	6.58	18.6	6.64	20.0	6.75	22.0	7.04
		35.0	13.8	6.31	15.2	6.42	17.20	6.90	17.9	6.96	18.6	7.02	20.0	7.13	21.6	7.25
		37.0	13.8	6.50	15.2	6.61	17.20	7.11	17.9	7.17	18.6	7.23	20.0	7.34	21.2	7.47
		39.0	13.8	6.70	15.2	6.82	17.20	7.33	17.9	7.39	18.6	7.45	20.0	7.57	20.7	7.71
70%	140	10.0	12.1	3.67	13.3	3.74	15.1	4.02	15.7	4.05	16.3	4.09	17.5	4.15	18.7	4.22
		12.0	12.1	3.70	13.3	3.77	15.1	4.05	15.7	4.09	16.3	4.12	17.5	4.19	18.7	4.26
		14.0	12.1	3.75	13.3	3.82	15.1	4.10	15.7	4.14	16.3	4.17	17.5	4.24	18.7	4.31
		16.0	12.1	3.82	13.3	3.89	15.1	4.18	15.7	4.21	16.3	4.25	17.5	4.32	18.7	4.39
		18.0	12.1	3.90	13.3	3.97	15.1	4.27	15.7	4.31	16.3	4.34	17.5	4.41	18.7	4.48
		20.0	12.1	4.01	13.3	4.08	15.1	4.38	15.7	4.42	16.3	4.46	17.5	4.53	18.7	4.60
		21.0	12.1	4.07	13.3	4.14	15.1	4.45	15.7	4.48	16.3	4.52	17.5	4.60	18.7	4.67
		23.0	12.1	4.20	13.3	4.27	15.1	4.59	15.7	4.63	16.3	4.67	17.5	4.74	18.7	4.82
		25.0	12.1	4.31	13.3	4.39	15.1	4.72	15.7	4.75	16.3	4.79	17.5	4.87	18.7	4.95
		27.0	12.1	4.44	13.3	4.52	15.1	4.86	15.7	4.90	16.3	4.94	17.5	5.02	18.7	5.10
		29.0	12.1	4.61	13.3	4.70	15.1	5.05	15.7	5.09	16.3	5.13	17.5	5.22	18.7	5.30
		31.0	12.1	4.83	13.3	4.91	15.1	5.28	15.7	5.32	16.3	5.37	17.5	5.46	18.7	5.54
		33.0	12.1	5.08	13.3	5.17	15.1	5.55	15.7	5.60	16.3	5.65	17.5	5.74	18.7	5.83
		35.0	12.1	5.36	13.3	5.46	15.1	5.87	15.7	5.92	16.3	5.97	17.5	6.07	18.7	6.16
		37.0	12.1	5.53	13.3	5.63	15.1	6.04	15.7	6.09	16.3	6.15	17.5	6.25	18.7	6.35
		39.0	12.1	5.70	13.3	5.80	15.1	6.23	15.7	6.28	16.3	6.34	17.5	6.44	18.7	6.54
60%	120	10.0	10.4	3.09	11.4	3.14	12.9	3.38	13.4	3.40	13.9	3.43	14.9	3.49	16.0	3.54
		12.0	10.4	3.11	11.4	3.17	12.9	3.40	13.4	3.43	13.9	3.46	14.9	3.52	16.0	3.57
		14.0	10.4	3.15	11.4	3.21	12.9	3.45	13.4	3.47	13.9	3.50	14.9	3.56	16.0	3.62
		16.0	10.4	3.21	11.4	3.26	12.9	3.51	13.4	3.54	13.9	3.57	14.9	3.62	16.0	3.68
		18.0	10.4	3.28	11.4	3.34	12.9	3.58	13.4	3.61	13.9	3.64	14.9	3.70	16.0	3.76
		20.0	10.4	3.36	11.4	3.43	12.9	3.68	13.4	3.71	13.9	3.74	14.9	3.80	16.0	3.86
		21.0	10.4	3.41	11.4	3.48	12.9	3.73	13.4	3.76	13.9	3.80	14.9	3.86	16.0	3.92
		23.0	10.4	3.52	11.4	3.59	12.9	3.85	13.4	3.89	13.9	3.92	14.9	3.98	16.0	4.05
		25.0	10.4	3.62	11.4	3.68	12.9	3.96	13.4	3.99	13.9	4.03	14.9	4.09	16.0	4.16
		27.0	10.4	3.73	11.4	3.80	12.9	4.08	13.4	4.11	13.9	4.15	14.9	4.22	16.0	4.28
		29.0	10.4	3.87	11.4	3.94	12.9	4.24	13.4	4.27	13.9	4.31	14.9	4.38	16.0	4.45
		31.0	10.4	4.05	11.4	4.13	12.9	4.43	13.4	4.47	13.9	4.51	14.9	4.58	16.0	4.65
		33.0	10.4	4.26	11.4	4.34	12.9	4.66	13.4	4.70	13.9	4.74	14.9	4.82	16.0	4.90
		35.0	10.4	4.50	11.4	4.59	12.9	4.93	13.4	4.97	13.9	5.01	14.9	5.09	16.0	5.17
		37.0	10.4	4.64	11.4	4.72	12.9	5.07	13.4	5.12	13.9	5.16	14.9	5.24	16.0	5.33
		39.0	10.4	4.78	11.4	4.87	12.9	5.23	13.4	5.27	13.9	5.32	14.9	5.41	16.0	5.49

3 Capacity tables

3-1 Cooling capacity

3-1-2 RSX(Y)P8K7W1

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
50%	100	10.0	8.66	2.58	9.52	2.63	10.7	2.82	11.2	2.85	11.6	2.87	12.5	2.92	13.3	2.97
		12.0	8.66	2.60	9.52	2.65	10.7	2.85	11.2	2.87	11.6	2.90	12.5	2.94	13.3	2.99
		14.0	8.66	2.64	9.52	2.68	10.7	2.88	11.2	2.91	11.6	2.93	12.5	2.98	13.3	3.03
		16.0	8.66	2.68	9.52	2.73	10.7	2.94	11.2	2.96	11.6	2.98	12.5	3.03	13.3	3.08
		18.0	8.66	2.74	9.52	2.79	10.7	3.00	11.2	3.03	11.6	3.05	12.5	3.10	13.3	3.15
		20.0	8.66	2.82	9.52	2.87	10.7	3.08	11.2	3.11	11.6	3.13	12.5	3.18	13.3	3.23
		21.0	8.66	2.86	9.52	2.91	10.7	3.12	11.2	3.15	11.6	3.18	12.5	3.23	13.3	3.28
		23.0	8.66	2.95	9.52	3.00	10.7	3.23	11.2	3.25	11.6	3.28	12.5	3.33	13.3	3.39
		25.0	8.66	3.03	9.52	3.08	10.7	3.31	11.2	3.34	11.6	3.37	12.5	3.42	13.3	3.48
		27.0	8.66	3.12	9.52	3.18	10.7	3.42	11.2	3.44	11.6	3.47	12.5	3.53	13.3	3.59
		29.0	8.66	3.24	9.52	3.30	10.7	3.55	11.2	3.58	11.6	3.61	12.5	3.67	13.3	3.73
		31.0	8.66	3.39	9.52	3.45	10.7	3.71	11.2	3.74	11.6	3.77	12.5	3.83	13.3	3.90
		33.0	8.66	3.57	9.52	3.63	10.7	3.90	11.2	3.94	11.6	3.97	12.5	4.03	13.3	4.10
		35.0	8.66	3.77	9.52	3.84	10.7	4.12	11.2	4.16	11.6	4.19	12.5	4.26	13.3	4.33
		37.0	8.66	3.88	9.52	3.95	10.7	4.25	11.2	4.28	11.6	4.32	12.5	4.39	13.3	4.46
		39.0	8.66	4.00	9.52	4.08	10.7	4.38	11.2	4.42	11.6	4.45	12.5	4.53	13.3	4.60

3 Capacity tables

3-1 Cooling capacity

3 3-1-3 RSX(Y)P10K7W1

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
130%	325	10.0	25.9	7.80	28.1	7.95	37.5	9.08	38.9	9.16	40.3	9.25	43.1	9.42	45.9	9.59
		12.0	25.9	7.86	28.1	8.02	37.0	9.18	38.3	9.27	39.7	9.35	42.5	9.53	45.2	9.70
		14.0	25.9	7.96	28.1	8.12	36.4	9.31	37.8	9.39	39.1	9.48	41.8	9.66	44.5	9.83
		16.0	25.9	8.10	28.1	8.26	35.8	9.46	37.2	9.54	38.5	9.63	41.2	9.81	43.8	9.99
		18.0	25.9	8.28	28.1	8.45	35.3	9.63	36.6	9.72	37.9	9.81	40.5	9.99	43.1	10.2
		20.0	25.9	8.50	28.1	8.67	34.7	9.82	36.0	9.91	37.3	10.0	39.9	10.2	42.4	10.4
		21.0	25.9	8.63	28.1	8.80	34.4	9.93	35.7	10.0	37.0	10.1	39.5	10.3	42.1	10.5
		23.0	25.9	8.91	28.1	9.08	33.9	10.2	35.1	10.2	36.4	10.3	38.9	10.5	41.4	10.7
		25.0	25.9	9.22	28.1	9.40	33.3	10.4	34.5	10.5	35.8	10.6	38.2	10.8	40.7	11.0
		27.0	25.9	9.58	28.1	9.77	32.7	10.7	33.9	10.8	35.2	10.9	37.6	11.1	40.0	11.3
		29.0	25.9	9.98	28.1	10.2	32.2	11.0	33.4	11.1	34.5	11.2	36.9	11.4	39.3	11.6
		31.0	25.9	10.4	28.1	10.6	31.6	11.3	32.8	11.4	33.9	11.5	36.3	11.7	38.6	11.9
		33.0	25.9	10.9	28.1	11.1	31.0	11.6	32.2	11.7	33.3	11.8	35.6	12.1	37.9	12.3
		35.0	25.9	11.4	28.1	11.6	30.5	12.0	31.6	12.1	32.7	12.2	35.0	12.4	37.2	12.7
		37.0	25.9	12.0	28.1	12.2	29.9	12.4	31.0	12.5	32.1	12.6	34.3	12.8	36.6	13.1
		39.0	25.9	12.4	28.1	12.6	29.3	12.8	30.4	12.9	31.5	13.0	33.7	13.2	35.9	13.5
120%	300	10.0	25.0	7.81	27.1	7.96	30.5	8.11	37.6	9.17	38.9	9.26	41.6	9.43	44.3	9.60
		12.0	25.0	7.87	27.1	8.02	30.5	8.18	37.0	9.28	38.3	9.36	41.0	9.53	43.6	9.71
		14.0	25.0	7.97	27.1	8.13	30.5	8.28	36.4	9.40	37.7	9.49	40.4	9.66	43.0	9.84
		16.0	25.0	8.11	27.1	8.27	30.5	8.43	35.9	9.55	37.2	9.64	39.7	9.82	42.3	10.0
		18.0	25.0	8.29	27.1	8.45	30.5	8.61	35.3	9.73	36.6	9.82	39.1	10.0	41.6	10.2
		20.0	25.0	8.51	27.1	8.68	30.5	8.84	34.7	9.92	36.0	10.0	38.5	10.2	41.0	10.4
		21.0	25.0	8.64	27.1	8.80	30.5	8.97	34.5	10.0	35.7	10.1	38.2	10.3	40.6	10.5
		23.0	25.0	8.91	27.1	9.09	30.5	9.26	33.9	10.3	35.1	10.4	37.5	10.5	40.0	10.7
		25.0	25.0	9.23	27.1	9.41	30.5	9.59	33.3	10.5	34.5	10.6	36.9	10.8	39.3	11.0
		27.0	25.0	9.59	27.1	9.77	30.5	9.96	32.8	10.8	33.9	10.9	36.3	11.1	38.6	11.3
		29.0	25.0	9.98	27.1	10.2	30.5	10.4	32.2	11.1	33.4	11.2	35.7	11.4	38.0	11.6
		31.0	25.0	10.4	27.1	10.6	30.5	10.8	31.6	11.4	32.8	11.5	35.0	11.7	37.3	11.9
		33.0	25.0	10.9	27.1	11.1	30.0	11.6	31.1	11.7	32.2	11.8	34.4	12.1	36.6	12.3
		35.0	25.0	11.4	27.1	11.6	29.4	12.0	30.5	12.1	31.6	12.2	33.8	12.4	36.0	12.7
		37.0	25.0	12.0	27.1	12.3	28.9	12.4	29.9	12.5	31.0	12.6	33.2	12.8	35.3	13.1
		39.0	25.0	12.4	27.1	12.6	28.3	12.8	29.4	12.9	30.4	13.0	32.5	13.3	34.6	13.5
110%	275	10.0	25.2	7.77	27.4	7.93	29.6	8.08	31.5	8.15	39.3	9.22	42.0	9.39	44.8	9.56
		12.0	25.2	7.84	27.4	7.99	29.6	8.14	31.5	8.22	38.7	9.32	41.4	9.49	44.1	9.66
		14.0	25.2	7.94	27.4	8.09	29.6	8.25	31.5	8.32	38.1	9.45	40.8	9.62	43.4	9.80
		16.0	25.2	8.08	27.4	8.23	29.6	8.39	31.5	8.47	37.6	9.60	40.1	9.78	42.7	9.95
		18.0	25.2	8.26	27.4	8.42	29.6	8.58	31.5	8.66	37.0	9.77	39.5	9.95	42.1	10.1
		20.0	25.2	8.48	27.4	8.64	29.6	8.81	31.5	8.89	36.4	9.97	38.9	10.2	41.4	10.3
		21.0	25.2	8.60	27.4	8.77	29.6	8.93	31.5	9.02	36.1	10.08	38.6	10.3	41.1	10.4
		23.0	25.2	8.88	27.4	9.05	29.6	9.22	31.5	9.31	35.5	10.31	37.9	10.5	40.4	10.7
		25.0	25.2	9.19	27.4	9.37	29.6	9.55	31.5	9.64	34.9	10.56	37.3	10.8	39.7	10.9
		27.0	25.2	9.55	27.4	9.73	29.6	9.92	31.5	10.0	34.3	10.8	36.7	11.0	39.0	11.2
		29.0	25.2	9.94	27.4	10.1	29.6	10.3	31.5	10.4	33.7	11.1	36.0	11.3	38.4	11.5
		31.0	25.2	10.4	27.4	10.6	29.6	10.8	31.5	10.9	33.1	11.5	35.4	11.7	37.7	11.9
		33.0	25.2	10.8	27.4	11.1	29.6	11.3	31.4	11.7	32.5	11.8	34.8	12.0	37.0	12.2
		35.0	25.2	11.4	27.4	11.6	29.6	11.8	30.8	12.1	31.9	12.2	34.1	12.4	36.3	12.6
		37.0	25.2	12.0	27.4	12.2	29.6	12.4	30.3	12.4	31.3	12.6	33.5	12.8	35.7	13.0
		39.0	25.2	12.4	27.4	12.6	29.6	12.8	29.7	12.8	30.7	13.0	32.9	13.2	35.0	13.4
100%	250	10.0	23.0	7.71	25.0	7.86	27.0	8.01	28.0	8.08	29.0	8.16	38.4	9.31	40.8	9.47
		12.0	23.0	7.77	25.0	7.92	27.0	8.07	28.0	8.15	29.0	8.22	37.8	9.41	40.2	9.58
		14.0	23.0	7.87	25.0	8.02	27.0	8.18	28.0	8.25	29.0	8.33	37.2	9.54	39.6	9.72
		16.0	23.0	8.01	25.0	8.17	27.0	8.32	28.0	8.40	29.0	8.48	36.6	9.70	39.0	9.87
		18.0	23.0	8.19	25.0	8.35	27.0	8.51	28.0	8.59	29.0	8.67	36.0	9.87	38.4	10.0
		20.0	23.0	8.40	25.0	8.57	27.0	8.73	28.0	8.81	29.0	8.89	35.5	10.1	37.8	10.3
		21.0	23.0	8.53	25.0	8.69	27.0	8.86	28.0	8.94	29.0	9.02	35.2	10.2	37.4	10.4
		23.0	23.0	8.80	25.0	8.97	27.0	9.14	28.0	9.23	29.0	9.32	34.6	10.4	36.8	10.6
		25.0	23.0	9.12	25.0	9.29	27.0	9.47	28.0	9.56	29.0	9.65	34.0	10.7	36.2	10.9
		27.0	23.0	9.47	25.0	9.65	27.0	9.84	28.0	9.93	29.0	10.0	33.4	10.9	35.6	11.1
		29.0	23.0	9.86	25.0	10.1	27.0	10.2	28.0	10.3	29.0	10.4	32.9	11.2	35.0	11.4
		31.0	23.0	10.3	25.0	10.5	27.0	10.7	28.0	10.8	29.0	10.9	32.3	11.6	34.4	11.8
		33.0	23.0	10.8	25.0	11.0	27.0	11.2	28.0	11.3	29.0	11.4	31.7	11.9	33.8	12.1
		35.0	23.0	11.3	25.0	11.5	27.0	11.7	28.0	11.8	29.0	11.9	31.1	12.3	33.1	12.5
		37.0	23.0	11.9	25.0	12.1	27.0	12.3	28.0	12.4	28.6	12.4	30.6	12.7	32.5	12.9
		39.0	23.0	12.3	25.0	12.5	27.0	12.7	28.0	12.8	28.0	12.9	30.0	13.1	31.9	13.3

3 Capacity tables

3-1 Cooling capacity

3-1-3 RSX(Y)P10K7W1

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
90%	225	10.0	20.7	6.30	22.5	6.43	24.3	6.55	25.2	6.61	26.1	6.67	30.0	6.79	36.7	7.75
		12.0	20.7	6.35	22.5	6.48	24.3	6.60	25.2	6.66	26.1	6.73	30.0	6.85	36.2	7.84
		14.0	20.7	6.44	22.5	6.56	24.3	6.69	25.2	6.75	26.1	6.81	30.0	6.94	35.6	7.95
		16.0	20.7	6.55	22.5	6.68	24.3	6.81	25.2	6.87	26.1	6.93	30.0	7.06	35.1	8.07
		18.0	20.7	6.70	22.5	6.83	24.3	6.96	25.2	7.02	26.1	7.09	30.0	7.22	34.5	8.22
		20.0	20.7	6.87	22.5	7.01	24.3	7.14	25.2	7.21	26.1	7.27	30.0	7.41	34.0	8.38
		21.0	20.7	6.97	22.5	7.11	24.3	7.24	25.2	7.31	26.1	7.38	30.0	7.52	33.7	8.47
		23.0	20.7	7.20	22.5	7.34	24.3	7.48	25.2	7.55	26.1	7.62	30.0	7.76	33.1	8.67
		25.0	20.7	7.45	22.5	7.60	24.3	7.74	25.2	7.82	26.1	7.89	30.0	8.03	32.6	8.88
		27.0	20.7	7.74	22.5	7.89	24.3	8.04	25.2	8.12	26.1	8.19	30.0	8.34	32.0	9.11
		29.0	20.7	8.06	22.5	8.22	24.3	8.38	25.2	8.45	26.1	8.53	29.6	9.20	31.5	9.36
		31.0	20.7	8.41	22.5	8.58	24.3	8.74	25.2	8.82	26.1	8.90	29.1	9.46	30.9	9.63
		33.0	20.7	8.80	22.5	8.97	24.3	9.14	25.2	9.22	26.1	9.31	28.5	9.74	30.4	9.92
		35.0	20.7	9.21	22.5	9.39	24.3	9.57	25.2	9.66	26.1	9.75	28.0	10.0	29.8	10.2
		37.0	20.7	9.71	22.5	9.90	24.3	10.1	25.2	10.2	26.1	10.3	27.5	10.4	29.3	10.6
		39.0	20.7	10.0	22.5	10.2	24.3	10.4	25.2	10.5	26.1	10.6	27.0	10.7	28.7	10.9
80%	200	10.0	18.4	5.17	20.0	5.27	21.61	5.38	22.4	5.43	23.2	5.48	24.8	5.58	27.8	5.68
		12.0	18.4	5.22	20.0	5.32	21.61	5.42	22.4	5.47	23.2	5.52	24.8	5.62	27.8	5.72
		14.0	18.4	5.28	20.0	5.39	21.61	5.49	22.4	5.54	23.2	5.59	24.8	5.69	27.8	5.80
		16.0	18.4	5.38	20.0	5.48	21.61	5.59	22.4	5.64	23.2	5.69	24.8	5.79	27.8	5.90
		18.0	18.4	5.50	20.0	5.60	21.61	5.71	22.4	5.76	23.2	5.82	24.8	5.92	27.8	6.03
		20.0	18.4	5.64	20.0	5.75	21.61	5.86	22.4	5.92	23.2	5.97	24.8	6.08	27.8	6.19
		21.0	18.4	5.72	20.0	5.83	21.61	5.95	22.4	6.00	23.2	6.06	24.8	6.17	27.8	6.28
		23.0	18.4	5.91	20.0	6.02	21.61	6.14	22.4	6.19	23.2	6.25	24.8	6.37	27.8	6.48
		25.0	18.4	6.12	20.0	6.24	21.61	6.36	22.4	6.42	23.2	6.48	24.8	6.59	27.8	6.71
		27.0	18.4	6.35	20.0	6.48	21.61	6.60	22.4	6.66	23.2	6.73	24.8	6.85	27.8	6.97
		29.0	18.4	6.62	20.0	6.75	21.61	6.87	22.4	6.94	23.2	7.00	24.8	7.13	27.8	7.26
		31.0	18.4	6.91	20.0	7.04	21.61	7.17	22.4	7.24	23.2	7.31	24.8	7.44	27.5	7.90
		33.0	18.4	7.22	20.0	7.36	21.61	7.50	22.4	7.57	23.2	7.64	24.8	7.78	27.0	8.14
		35.0	18.4	7.56	20.0	7.71	21.61	7.85	22.4	7.93	23.2	8.00	24.8	8.15	26.5	8.39
		37.0	18.4	7.97	20.0	8.12	21.61	8.28	22.4	8.35	23.2	8.43	24.8	8.59	26.0	8.66
		39.0	18.4	8.22	20.0	8.38	21.61	8.54	22.4	8.62	23.2	8.70	24.8	8.86	25.5	8.95
70%	175	10.0	16.1	4.28	17.5	4.36	18.9	4.45	19.6	4.49	20.3	4.53	21.7	4.61	23.1	4.69
		12.0	16.1	4.31	17.5	4.40	18.9	4.48	19.6	4.52	20.3	4.56	21.7	4.65	23.1	4.73
		14.0	16.1	4.37	17.5	4.45	18.9	4.54	19.6	4.58	20.3	4.62	21.7	4.71	23.1	4.79
		16.0	16.1	4.45	17.5	4.53	18.9	4.62	19.6	4.66	20.3	4.71	21.7	4.79	23.1	4.88
		18.0	16.1	4.54	17.5	4.63	18.9	4.72	19.6	4.77	20.3	4.81	21.7	4.90	23.1	4.99
		20.0	16.1	4.67	17.5	4.76	18.9	4.85	19.6	4.89	20.3	4.94	21.7	5.03	23.1	5.12
		21.0	16.1	4.73	17.5	4.83	18.9	4.92	19.6	4.96	20.3	5.01	21.7	5.10	23.1	5.19
		23.0	16.1	4.89	17.5	4.98	18.9	5.08	19.6	5.12	20.3	5.17	21.7	5.27	23.1	5.36
		25.0	16.1	5.06	17.5	5.16	18.9	5.26	19.6	5.31	20.3	5.35	21.7	5.45	23.1	5.55
		27.0	16.1	5.26	17.5	5.36	18.9	5.46	19.6	5.51	20.3	5.56	21.7	5.66	23.1	5.77
		29.0	16.1	5.47	17.5	5.58	18.9	5.69	19.6	5.74	20.3	5.79	21.7	5.90	23.1	6.00
		31.0	16.1	5.71	17.5	5.82	18.9	5.93	19.6	5.99	20.3	6.04	21.7	6.15	23.1	6.27
		33.0	16.1	5.97	17.5	6.09	18.9	6.20	19.6	6.26	20.3	6.32	21.7	6.44	23.1	6.55
		35.0	16.1	6.25	17.5	6.37	18.9	6.49	19.6	6.55	20.3	6.62	21.7	6.74	23.1	6.86
		37.0	16.1	6.59	17.5	6.72	18.9	6.84	19.6	6.91	20.3	6.97	21.7	7.10	23.1	7.23
		39.0	16.1	6.80	17.5	6.93	18.9	7.06	19.6	7.13	20.3	7.20	21.7	7.33	23.1	7.46
60%	150	10.0	13.8	3.59	15.0	3.66	16.2	3.73	16.8	3.77	17.4	3.80	18.6	3.87	19.8	3.94
		12.0	13.8	3.62	15.0	3.69	16.2	3.76	16.8	3.80	17.4	3.83	18.6	3.90	19.8	3.97
		14.0	13.8	3.67	15.0	3.74	16.2	3.81	16.8	3.85	17.4	3.88	18.6	3.95	19.8	4.03
		16.0	13.8	3.73	15.0	3.81	16.2	3.88	16.8	3.91	17.4	3.95	18.6	4.02	19.8	4.10
		18.0	13.8	3.82	15.0	3.89	16.2	3.96	16.8	4.00	17.4	4.04	18.6	4.11	19.8	4.19
		20.0	13.8	3.92	15.0	3.99	16.2	4.07	16.8	4.11	17.4	4.15	18.6	4.22	19.8	4.30
		21.0	13.8	3.97	15.0	4.05	16.2	4.13	16.8	4.17	17.4	4.21	18.6	4.28	19.8	4.36
		23.0	13.8	4.10	15.0	4.18	16.2	4.26	16.8	4.30	17.4	4.34	18.6	4.42	19.8	4.50
		25.0	13.8	4.25	15.0	4.33	16.2	4.41	16.8	4.46	17.4	4.50	18.6	4.58	19.8	4.66
		27.0	13.8	4.41	15.0	4.50	16.2	4.58	16.8	4.63	17.4	4.67	18.6	4.76	19.8	4.84
		29.0	13.8	4.59	15.0	4.68	16.2	4.77	16.8	4.82	17.4	4.86	18.6	4.95	19.8	5.04
		31.0	13.8	4.80	15.0	4.89	16.2	4.98	16.8	5.03	17.4	5.08	18.6	5.17	19.8	5.26
		33.0	13.8	5.01	15.0	5.11	16.2	5.21	16.8	5.26	17.4	5.31	18.6	5.40	19.8	5.50
		35.0	13.8	5.25	15.0	5.35	16.2	5.45	16.8	5.50	17.4	5.56	18.6	5.66	19.8	5.76
		37.0	13.8	5.53	15.0	5.64	16.2	5.75	16.8	5.80	17.4	5.86	18.6	5.96	19.8	6.07
		39.0	13.8	5.71	15.0	5.82	16.2	5.93	16.8	5.99	17.4	6.04	18.6	6.15	19.8	6.27

3 Capacity tables

3-1 Cooling capacity

3

3-1-3 RSX(Y)P10K7W1

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
50%	125	10.0	11.5	3.12	12.5	3.18	13.5	3.24	14.0	3.27	14.5	3.30	15.5	3.36	16.5	3.42
		12.0	11.5	3.14	12.5	3.20	13.5	3.26	14.0	3.29	14.5	3.32	15.5	3.39	16.5	3.45
		14.0	11.5	3.18	12.5	3.24	13.5	3.31	14.0	3.34	14.5	3.37	15.5	3.43	16.5	3.49
		16.0	11.5	3.24	12.5	3.30	13.5	3.36	14.0	3.40	14.5	3.43	15.5	3.49	16.5	3.55
		18.0	11.5	3.31	12.5	3.37	13.5	3.44	14.0	3.47	14.5	3.50	15.5	3.57	16.5	3.63
		20.0	11.5	3.40	12.5	3.46	13.5	3.53	14.0	3.56	14.5	3.60	15.5	3.66	16.5	3.73
		21.0	11.5	3.45	12.5	3.51	13.5	3.58	14.0	3.61	14.5	3.65	15.5	3.72	16.5	3.78
		23.0	11.5	3.56	12.5	3.63	13.5	3.70	14.0	3.73	14.5	3.77	15.5	3.83	16.5	3.90
		25.0	11.5	3.68	12.5	3.76	13.5	3.83	14.0	3.86	14.5	3.90	15.5	3.97	16.5	4.04
		27.0	11.5	3.83	12.5	3.90	13.5	3.98	14.0	4.01	14.5	4.05	15.5	4.12	16.5	4.20
		29.0	11.5	3.99	12.5	4.06	13.5	4.14	14.0	4.18	14.5	4.22	15.5	4.30	16.5	4.37
		31.0	11.5	4.16	12.5	4.24	13.5	4.32	14.0	4.36	14.5	4.40	15.5	4.48	16.5	4.56
		33.0	11.5	4.35	12.5	4.43	13.5	4.52	14.0	4.56	14.5	4.60	15.5	4.69	16.5	4.77
		35.0	11.5	4.55	12.5	4.64	13.5	4.73	14.0	4.77	14.5	4.82	15.5	4.91	16.5	4.99
		37.0	11.5	4.80	12.5	4.89	13.5	4.98	14.0	5.03	14.5	5.08	15.5	5.17	16.5	5.26
		39.0	11.5	4.95	12.5	5.05	13.5	5.14	14.0	5.19	14.5	5.24	15.5	5.34	16.5	5.43

3 Capacity tables

3-2 Heating capacity

3-2-1 RSXYP5K7W1

TC: Total capacity, PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		19.0		20.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	162.5	-14.7	-15.0	11.8	5.96	11.7	6.11	11.6	6.27	11.5	6.35	11.5	6.43	11.4	6.61
		-12.6	-13.0	12.4	6.01	12.3	6.17	12.2	6.33	12.2	6.41	12.1	6.49	12.1	6.67
		-10.6	-11.0	13.1	6.07	13.0	6.23	12.9	6.39	12.8	6.48	12.8	6.56	12.7	6.74
		-9.5	-10.0	13.4	6.11	13.3	6.27	13.2	6.44	13.2	6.52	13.1	6.60	13.1	6.79
		-8.5	-9.1	13.8	6.15	13.7	6.31	13.6	6.48	13.5	6.56	13.5	6.64	13.4	6.83
		-7.0	-7.6	14.3	6.22	14.2	6.38	14.1	6.54	14.1	6.63	14.0	6.71	13.9	6.90
		-5.0	-5.6	15.1	6.31	15.0	6.48	14.9	6.64	14.8	6.73	14.8	6.81	14.7	7.01
		-3.0	-3.7	15.9	6.42	15.8	6.59	15.7	6.76	15.6	6.84	15.5	6.93	15.4	7.13
		0.0	-0.7	17.2	6.60	17.0	6.77	16.9	6.95	16.8	7.04	16.8	7.12	16.7	7.33
		2.0	1.0	18.0	6.73	17.9	6.91	17.8	7.09	17.7	7.18	17.6	7.27	17.5	7.48
		3.0	2.2	18.5	6.81	18.4	6.98	18.2	7.17	18.1	7.26	18.1	7.35	18.0	7.56
		5.0	4.1	19.4	6.96	19.3	7.14	19.1	7.33	19.1	7.42	19.0	7.51	18.9	7.73
		7.0	6.0	20.4	7.12	20.2	7.31	20.1	7.50	20.0	7.59	19.9	7.69	19.7	7.85
		9.0	7.9	21.4	7.30	21.3	7.49	21.1	7.68	21.0	7.78	20.9	7.88	19.7	7.34
		11.0	9.8	22.5	7.48	22.3	7.68	22.1	7.88	22.0	7.98	21.5	7.74	19.7	6.85
		13.0	11.8	23.5	7.68	23.4	7.88	23.2	8.09	22.4	7.73	21.5	7.22	19.7	6.39
		15.0	13.7	24.7	7.89	24.5	8.10	23.4	7.68	22.4	7.20	21.5	6.72	19.7	5.95
120%	150	-14.7	-15.0	11.3	5.77	11.2	5.92	11.1	6.08	11.1	6.16	11.0	6.23	11.8	7.04
		-12.6	-13.0	11.9	5.83	11.8	5.98	11.7	6.13	11.7	6.21	11.6	6.29	12.5	7.11
		-10.6	-11.0	12.6	5.89	12.5	6.04	12.4	6.20	12.3	6.28	12.3	6.35	13.1	7.18
		-9.5	-10.0	12.9	5.93	12.8	6.08	12.7	6.24	12.7	6.32	12.6	6.39	13.5	7.23
		-8.5	-9.1	13.3	5.96	13.2	6.12	13.1	6.28	13.0	6.36	12.9	6.44	13.8	7.28
		-7.0	-7.6	13.8	6.03	13.7	6.18	13.6	6.34	13.5	6.42	13.5	6.50	14.4	7.35
		-5.0	-5.6	14.5	6.12	14.4	6.28	14.3	6.44	14.2	6.52	14.2	6.60	15.2	7.47
		-3.0	-3.7	15.3	6.22	15.1	6.38	15.0	6.55	15.0	6.63	14.9	6.71	16.0	7.59
		0.0	-0.7	16.5	6.40	16.3	6.56	16.2	6.73	16.2	6.82	16.1	6.90	17.2	7.81
		2.0	1.0	17.3	6.53	17.2	6.70	17.1	6.87	17.0	6.96	16.9	7.04	18.1	7.97
		3.0	2.2	17.8	6.60	17.6	6.77	17.5	6.95	17.4	7.03	17.3	7.12	18.6	8.05
		5.0	4.1	18.7	6.74	18.5	6.92	18.4	7.10	18.3	7.19	18.2	7.28	19.0	7.96
		7.0	6.0	19.6	6.90	19.4	7.08	19.3	7.27	19.2	7.36	19.1	7.45	19.0	7.64
		9.0	7.9	20.6	7.07	20.4	7.26	20.2	7.45	19.9	7.37	19.1	6.97	19.0	7.14
		11.0	9.8	21.6	7.25	21.4	7.44	20.8	7.32	19.9	6.88	19.1	6.50	19.0	6.67
		13.0	11.8	22.6	7.44	22.4	7.64	20.8	6.82	19.9	6.41	19.1	6.06	19.0	6.22
		15.0	13.7	23.7	7.65	22.6	7.22	20.8	6.35	19.9	5.97	19.1	5.65	19.0	5.79
110%	137.5	-14.7	-15.0	10.4	5.15	10.3	5.29	10.3	5.46	10.6	5.81	10.9	6.15	11.7	6.84
		-12.6	-13.0	10.9	5.20	10.9	5.34	10.8	5.51	11.2	5.86	11.6	6.21	12.3	6.91
		-10.6	-11.0	11.5	5.26	11.4	5.39	11.4	5.57	11.8	5.92	12.2	6.28	13.0	6.98
		-9.5	-10.0	11.8	5.29	11.8	5.43	11.7	5.61	12.1	5.96	12.5	6.32	13.3	7.02
		-8.5	-9.1	12.2	5.32	12.1	5.46	12.0	5.64	12.4	6.00	12.8	6.36	13.7	7.07
		-7.0	-7.6	12.6	5.38	12.5	5.52	12.5	5.70	12.9	6.06	13.3	6.42	14.2	7.14
		-5.0	-5.6	13.3	5.46	13.2	5.60	13.2	5.79	13.6	6.15	14.1	6.52	15.0	7.25
		-3.0	-3.7	14.0	5.55	13.9	5.70	13.9	5.89	14.3	6.26	14.8	6.63	15.8	7.37
		0.0	-0.7	15.1	5.71	15.0	5.86	15.0	6.05	15.4	6.43	16.0	6.82	17.0	7.58
		2.0	1.0	15.9	5.83	15.8	5.98	15.7	6.18	16.2	6.56	16.8	6.96	17.4	7.51
		3.0	2.2	16.3	5.89	16.2	6.04	16.1	6.24	16.7	6.63	17.2	7.03	17.4	7.38
		5.0	4.1	17.1	6.02	17.0	6.18	16.9	6.38	17.5	6.78	17.6	6.93	17.4	7.11
		7.0	6.0	18.0	6.16	17.8	6.32	17.7	6.49	17.6	6.57	17.6	6.65	17.4	6.82
		9.0	7.9	18.9	6.31	18.7	6.48	17.7	6.06	17.6	6.19	17.6	6.22	17.4	6.37
		11.0	9.8	19.8	6.47	19.1	6.28	17.7	5.66	17.6	5.81	17.6	5.81	17.4	5.95
		13.0	11.8	20.6	6.55	19.1	5.86	17.7	5.28	17.6	5.44	17.6	5.41	17.4	5.55
		15.0	13.7	20.6	6.10	19.1	5.45	17.7	4.92	17.6	5.09	17.6	5.04	17.4	5.17
100%	125	-14.7	-15.0	9.36	4.50	9.47	4.74	9.73	5.09	10.4	5.58	10.7	5.87	11.4	6.45
		-12.6	-13.0	9.88	4.54	9.99	4.78	10.27	5.13	10.9	5.63	11.3	5.92	12.0	6.51
		-10.6	-11.0	10.41	4.59	10.52	4.83	10.82	5.19	11.5	5.69	11.9	5.98	12.7	6.58
		-9.5	-10.0	10.71	4.62	10.83	4.86	11.13	5.22	11.9	5.73	12.2	6.02	13.0	6.63
		-8.5	-9.1	10.99	4.65	11.11	4.89	11.42	5.25	12.2	5.76	12.6	6.06	13.4	6.67
		-7.0	-7.6	11.42	4.70	11.55	4.94	11.87	5.31	12.6	5.82	13.0	6.12	13.9	6.74
		-5.0	-5.6	12.02	4.77	12.16	5.02	12.50	5.39	13.3	5.91	13.7	6.22	14.6	6.84
		-3.0	-3.7	12.65	4.85	12.80	5.11	13.15	5.48	14.0	6.01	14.5	6.32	15.4	6.96
		0.0	-0.7	13.65	4.99	13.81	5.25	14.19	5.64	15.1	6.18	15.6	6.50	15.7	6.78
		2.0	1.0	14.36	5.09	14.52	5.36	14.92	5.75	15.9	6.31	15.9	6.40	15.7	6.56
		3.0	2.2	14.72	5.15	14.88	5.41	15.30	5.81	15.9	6.21	15.9	6.29	15.7	6.45
		5.0	4.1	15.46	5.26	15.64	5.54	16.00	5.91	15.9	5.98	15.9	6.05	15.7	6.21
		7.0	6.0	16.24	5.38	16.12	5.52	16.00	5.67	15.9	5.74	15.9	5.81	15.7	5.96
		9.0	7.9	17.02	5.51	16.12	5.16	16.00	5.30	15.9	5.36	15.9	5.43	15.7	5.57
		11.0	9.8	17.02	5.14	16.12	4.82	16.00	4.95	15.9	5.01	15.9	5.07	15.7	5.20
		13.0	11.8	17.02	4.79	16.12	4.50	16.00	4.61	15.9	4.67	15.9	4.73	15.7	4.85
		15.0	13.7	17.02	4.47	16.12	4.19	16.00	4.29	15.9	4.35	15.9	4.40	15.7	4.51

3 Capacity tables

3-2 Heating capacity

3

3-2-1 RSXP5K7W1

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		19.0		20.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	112.5	°CDB	°CWB	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW
		-14.7	-15.0	8.8	4.25	9.3	4.70	9.8	5.16	10.1	5.41	10.4	5.65	11.1	6.1
		-12.6	-13.0	9.3	4.29	9.8	4.74	10.4	5.21	10.7	5.46	11.0	5.70	11.7	6.2
		-10.6	-11.0	9.8	4.33	10.3	4.79	10.9	5.26	11.3	5.52	11.6	5.76	12.3	6.3
		-9.5	-10.0	10.1	4.36	10.6	4.82	11.2	5.30	11.6	5.55	11.9	5.80	12.7	6.3
		-8.5	-9.1	10.3	4.39	10.9	4.85	11.5	5.33	11.9	5.59	12.2	5.84	13.0	6.3
		-7.0	-7.6	10.7	4.44	11.3	4.90	12.0	5.38	12.4	5.65	12.7	5.90	13.5	6.4
		-5.0	-5.6	11.3	4.50	11.9	4.98	12.6	5.47	13.0	5.73	13.4	5.99	14.2	6.5
		-3.0	-3.7	11.9	4.58	12.6	5.06	13.3	5.56	13.7	5.83	14.1	6.09	14.2	6.3
		0.0	-0.7	12.8	4.71	13.6	5.21	14.3	5.72	14.3	5.82	14.3	5.89	14.2	6.0
		2.0	1.0	13.5	4.81	14.3	5.31	14.4	5.56	14.3	5.63	14.3	5.70	14.2	5.8
		3.0	2.2	13.8	4.86	14.5	5.32	14.4	5.46	14.3	5.53	14.3	5.60	14.2	5.7
		5.0	4.1	14.5	4.97	14.5	5.13	14.4	5.26	14.3	5.33	14.3	5.39	14.2	5.5
		7.0	6.0	14.6	4.79	14.5	4.92	14.4	5.05	14.3	5.11	14.3	5.18	14.2	5.3
		9.0	7.9	14.6	4.48	14.5	4.60	14.4	4.72	14.3	4.78	14.3	4.84	14.2	5.0
		11.0	9.8	14.6	4.18	14.5	4.29	14.4	4.41	14.3	4.46	14.3	4.52	14.2	4.6
		13.0	11.8	14.6	3.90	14.5	4.00	14.4	4.11	14.3	4.16	14.3	4.21	14.2	4.3
		15.0	13.7	14.6	3.63	14.5	3.73	14.4	3.83	14.3	3.87	14.3	3.92	14.2	4.0
80%	100	-14.7	-15.0	8.58	4.12	9.0	4.49	9.5	4.88	9.8	5.07	10.0	5.27	10.6	5.67
		-12.6	-13.0	9.06	4.16	9.5	4.54	10.0	4.92	10.3	5.12	10.6	5.31	11.2	5.72
		-10.6	-11.0	9.54	4.21	10.0	4.58	10.6	4.98	10.9	5.17	11.2	5.37	11.8	5.78
		-9.5	-10.0	9.81	4.23	10.3	4.61	10.9	5.01	11.2	5.21	11.5	5.40	12.2	5.82
		-8.5	-9.1	10.07	4.26	10.6	4.64	11.2	5.04	11.5	5.24	11.8	5.44	12.5	5.86
		-7.0	-7.6	10.46	4.31	11.0	4.69	11.6	5.09	11.9	5.29	12.2	5.50	12.6	5.79
		-5.0	-5.6	11.02	4.37	11.6	4.76	12.2	5.17	12.5	5.38	12.7	5.51	12.6	5.65
		-3.0	-3.7	11.60	4.45	12.2	4.84	12.8	5.23	12.7	5.30	12.7	5.37	12.6	5.50
		0.0	-0.7	12.51	4.57	12.9	4.88	12.8	5.01	12.7	5.07	12.7	5.13	12.6	5.26
		2.0	1.0	12.99	4.60	12.9	4.72	12.8	4.84	12.7	4.91	12.7	4.97	12.6	5.09
		3.0	2.2	12.99	4.52	12.9	4.64	12.8	4.76	12.7	4.82	12.7	4.88	12.6	5.00
		5.0	4.1	12.99	4.35	12.9	4.47	12.8	4.58	12.7	4.64	12.7	4.70	12.6	4.82
		7.0	6.0	12.99	4.18	12.9	4.29	12.8	4.40	12.7	4.45	12.7	4.51	12.6	4.62
		9.0	7.9	12.99	3.90	12.9	4.01	12.8	4.11	12.7	4.16	12.7	4.22	12.6	4.32
		11.0	9.8	12.99	3.65	12.9	3.74	12.8	3.84	12.7	3.89	12.7	3.94	12.6	4.03
		13.0	11.8	12.99	3.40	12.9	3.49	12.8	3.58	12.7	3.62	12.7	3.67	12.6	3.76
		15.0	13.7	12.99	3.17	12.9	3.25	12.8	3.33	12.7	3.38	12.7	3.42	12.6	3.50
70%	87.5	-14.7	-15.0	8.27	3.91	8.63	4.20	9.06	4.50	9.29	4.65	9.54	4.81	10.1	5.14
		-12.6	-13.0	8.72	3.95	9.11	4.23	9.57	4.54	9.80	4.70	10.07	4.86	10.6	5.18
		-10.6	-11.0	9.18	3.99	9.59	4.28	10.07	4.59	10.32	4.75	10.60	4.91	11.0	5.18
		-9.5	-10.0	9.45	4.01	9.87	4.31	10.36	4.62	10.62	4.78	10.91	4.94	11.0	5.12
		-8.5	-9.1	9.70	4.04	10.13	4.33	10.63	4.65	10.90	4.81	11.11	4.95	11.0	5.07
		-7.0	-7.6	10.08	4.08	10.53	4.38	11.05	4.70	11.15	4.80	11.11	4.86	11.0	4.99
		-5.0	-5.6	10.61	4.14	11.08	4.45	11.20	4.63	11.15	4.69	11.11	4.75	11.0	4.87
		-3.0	-3.7	11.17	4.21	11.28	4.39	11.20	4.51	11.15	4.57	11.11	4.62	11.0	4.74
		0.0	-0.7	11.37	4.10	11.28	4.20	11.20	4.31	11.15	4.37	11.11	4.42	11.0	4.53
		2.0	1.0	11.37	3.96	11.28	4.07	11.20	4.17	11.15	4.23	11.11	4.28	11.0	4.39
		3.0	2.2	11.37	3.89	11.28	4.00	11.20	4.10	11.15	4.15	11.11	4.20	11.0	4.31
		5.0	4.1	11.37	3.75	11.28	3.85	11.20	3.95	11.15	4.00	11.11	4.05	11.0	4.15
		7.0	6.0	11.37	3.60	11.28	3.69	11.20	3.79	11.15	3.84	11.11	3.88	11.0	3.98
		9.0	7.9	11.37	3.36	11.28	3.45	11.20	3.54	11.15	3.59	11.11	3.63	11.0	3.72
		11.0	9.8	11.37	3.14	11.28	3.22	11.20	3.31	11.15	3.35	11.11	3.39	11.0	3.48
		13.0	11.8	11.37	2.93	11.28	3.00	11.20	3.08	11.15	3.12	11.11	3.16	11.0	3.24
		15.0	13.7	11.37	2.73	11.28	2.80	11.20	2.87	11.15	2.91	11.11	2.94	11.0	3.02
60%	75	-14.7	-15.0	7.81	3.60	8.10	3.82	8.46	4.05	8.67	4.18	8.88	4.30	9.34	4.54
		-12.6	-13.0	8.24	3.64	8.55	3.85	8.93	4.09	9.15	4.22	9.37	4.34	9.44	4.48
		-10.6	-11.0	8.68	3.68	9.00	3.90	9.40	4.14	9.56	4.24	9.52	4.29	9.44	4.40
		-9.5	-10.0	8.93	3.70	9.26	3.92	9.60	4.14	9.56	4.19	9.52	4.25	9.44	4.35
		-8.5	-9.1	9.16	3.72	9.50	3.95	9.60	4.10	9.56	4.15	9.52	4.20	9.44	4.31
		-7.0	-7.6	9.52	3.76	9.67	3.93	9.60	4.03	9.56	4.08	9.52	4.13	9.44	4.24
		-5.0	-5.6	9.74	3.74	9.67	3.83	9.60	3.93	9.56	3.98	9.52	4.03	9.44	4.13
		-3.0	-3.7	9.74	3.64	9.67	3.73	9.60	3.83	9.56	3.88	9.52	3.93	9.44	4.03
		0.0	-0.7	9.74	3.48	9.67	3.57	9.60	3.66	9.56	3.71	9.52	3.76	9.44	3.85
		2.0	1.0	9.74	3.37	9.67	3.46	9.60	3.54	9.56	3.59	9.52	3.64	9.44	3.73
		3.0	2.2	9.74	3.31	9.67	3.39	9.60	3.48	9.56	3.53	9.52	3.57	9.44	3.66
		5.0	4.1	9.74	3.19	9.67	3.27	9.60	3.35	9.56	3.40	9.52	3.44	9.44	3.53
		7.0	6.0	9.74	3.06	9.67	3.14	9.60	3.22	9.56	3.26	9.52	3.30	9.44	3.38
		9.0	7.9	9.74	2.86	9.67	2.93	9.60	3.01	9.56	3.05	9.52	3.09	9.44	3.16
		11.0	9.8	9.74	2.67	9.67	2.74	9.60	2.81	9.56	2.84	9.52	2.88	9.44	2.95
		13.0	11.8	9.74	2.49	9.67	2.55	9.60	2.62	9.56	2.65	9.52	2.69	9.44	2.75
		15.0	13.7	9.74	2.32	9.67	2.38	9.60	2.44	9.56	2.47	9.52	2.50	9.44	2.56

3 Capacity tables

3-2 Heating capacity

3-2-1 RSXYP5K7W1

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temperature		Indoor air temperature: °CDB											
				16.0		18.0		19.0		20.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	62.5	-14.7	-15.0	7.16	3.23	7.40	3.40	7.68	3.57	7.84	3.66	7.93	3.74	7.86	3.84
		-12.6	-13.0	7.56	3.26	7.81	3.43	8.00	3.59	7.97	3.64	7.93	3.68	7.86	3.77
		-10.6	-11.0	7.96	3.29	8.06	3.44	8.00	3.53	7.97	3.57	7.93	3.61	7.86	3.71
		-9.5	-10.0	8.12	3.32	8.06	3.40	8.00	3.49	7.97	3.54	7.93	3.58	7.86	3.67
		-8.5	-9.1	8.12	3.28	8.06	3.37	8.00	3.46	7.97	3.50	7.93	3.55	7.86	3.64
		-7.0	-7.6	8.12	3.23	8.06	3.32	8.00	3.40	7.97	3.45	7.93	3.49	7.86	3.58
		-5.0	-5.6	8.12	3.16	8.06	3.24	8.00	3.32	7.97	3.37	7.93	3.41	7.86	3.49
		-3.0	-3.7	8.12	3.08	8.06	3.16	8.00	3.24	7.97	3.28	7.93	3.33	7.86	3.41
		0.0	-0.7	8.12	2.95	8.06	3.03	8.00	3.11	7.97	3.15	7.93	3.19	7.86	3.26
		2.0	1.0	8.12	2.87	8.06	2.95	8.00	3.02	7.97	3.06	7.93	3.10	7.86	3.18
		3.0	2.2	8.12	2.81	8.06	2.89	8.00	2.96	7.97	3.00	7.93	3.04	7.86	3.11
		5.0	4.1	8.12	2.72	8.06	2.79	8.00	2.86	7.97	2.90	7.93	2.93	7.86	3.01
		7.0	6.0	8.12	2.56	8.06	2.63	8.00	2.70	7.97	2.73	7.93	2.77	7.86	2.84
		9.0	7.9	8.12	2.40	8.06	2.46	8.00	2.52	7.97	2.55	7.93	2.59	7.86	2.65
		11.0	9.8	8.12	2.24	8.06	2.30	8.00	2.36	7.97	2.39	7.93	2.42	7.86	2.48
		13.0	11.8	8.12	2.09	8.06	2.14	8.00	2.20	7.97	2.22	7.93	2.25	7.86	2.31
		15.0	13.7	8.12	1.94	8.06	1.99	8.00	2.05	7.97	2.07	7.93	2.10	7.86	2.15

3 Capacity tables

3-2 Heating capacity

3 3-2-2 RSXYP8K7W1

TC: Total capacity; Pt: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		19.0		20.0		22.0		24.0	
				TC	Pt	TC	Pt	TC	Pt	TC	Pt	TC	Pt	TC	Pt
		°CDB	°CWB	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW
130%	260	-14.7	-15.0	14.2	7.35	14.1	7.56	14.0	7.77	13.9	7.87	13.9	7.98	13.8	8.20
		-12.6	-13.0	15.3	7.50	15.2	7.72	15.1	7.93	15.0	8.04	15.0	8.15	14.9	8.37
		-10.6	-11.0	16.4	7.66	16.3	7.88	16.1	8.10	16.1	8.21	16.0	8.32	15.9	8.55
		-9.5	-10.0	17.0	7.74	16.9	7.97	16.7	8.19	16.7	8.30	16.6	8.41	16.5	8.65
		-8.5	-9.1	17.6	7.83	17.4	8.05	17.3	8.28	17.2	8.39	17.2	8.50	17.1	8.74
		-7.0	-7.6	18.4	7.95	18.3	8.18	18.2	8.41	18.1	8.52	18.0	8.64	17.9	8.88
		-5.0	-5.6	19.6	8.13	19.5	8.36	19.3	8.60	19.3	8.71	19.2	8.83	19.1	9.07
		-3.0	-3.7	20.8	8.31	20.7	8.55	20.5	8.79	20.4	8.91	20.4	9.03	20.2	9.28
		0.0	-0.7	22.7	8.60	22.5	8.85	22.4	9.09	22.3	9.22	22.2	9.34	22.1	9.60
		2.0	1.0	24.0	8.80	23.8	9.05	23.7	9.31	23.6	9.43	23.5	9.56	23.4	9.83
		3.0	2.2	24.7	8.90	24.5	9.16	24.3	9.42	24.2	9.54	24.2	9.67	24.0	9.94
		5.0	4.1	26.0	9.12	25.9	9.38	25.7	9.64	25.6	9.77	25.5	9.90	25.3	10.2
		7.0	6.0	27.4	9.34	27.2	9.61	27.0	9.87	26.9	10.0	26.8	10.1	26.6	10.4
		9.0	7.9	28.9	9.57	28.7	9.84	28.4	10.1	28.3	10.3	28.2	10.4	26.6	9.74
		11.0	9.8	30.3	9.80	30.1	10.1	29.9	10.4	29.8	10.5	29.0	10.2	26.6	9.10
		13.0	11.8	31.8	10.0	31.6	10.3	31.4	10.6	30.4	10.2	29.0	9.53	26.6	8.49
		15.0	13.7	33.3	10.3	33.1	10.6	31.7	10.1	30.4	9.47	29.0	8.87	26.6	7.91
120%	240	-14.7	-15.0	13.9	7.52	13.8	7.73	13.7	7.95	13.6	8.06	13.6	8.17	14.6	9.22
		-12.6	-13.0	15.0	7.68	14.8	7.90	14.7	8.12	14.7	8.23	14.6	8.34	15.7	9.41
		-10.6	-11.0	16.0	7.83	15.9	8.06	15.8	8.28	15.7	8.40	15.7	8.51	16.9	9.60
		-9.5	-10.0	16.6	7.92	16.5	8.15	16.4	8.38	16.3	8.49	16.2	8.61	17.5	9.71
		-8.5	-9.1	17.2	8.01	17.0	8.24	16.9	8.47	16.9	8.58	16.8	8.70	18.1	9.82
		-7.0	-7.6	18.0	8.14	17.9	8.37	17.8	8.61	17.7	8.72	17.6	8.84	19.0	10.0
		-5.0	-5.6	19.2	8.32	19.0	8.56	18.9	8.80	18.8	8.91	18.7	9.04	20.2	10.2
		-3.0	-3.7	20.4	8.50	20.2	8.75	20.1	8.99	20.0	9.12	19.9	9.24	21.4	10.4
		0.0	-0.7	22.2	8.80	22.0	9.05	21.9	9.31	21.8	9.43	21.7	9.56	23.4	10.8
		2.0	1.0	23.5	9.01	23.3	9.26	23.1	9.52	23.1	9.65	22.9	9.79	24.7	11.0
		3.0	2.2	24.1	9.11	24.0	9.37	23.8	9.64	23.7	9.77	23.6	9.90	25.4	11.2
		5.0	4.1	25.5	9.33	25.3	9.60	25.1	9.87	25.0	10.0	24.9	10.1	26.0	11.1
		7.0	6.0	26.8	9.56	26.6	9.83	26.4	10.1	26.3	10.2	26.2	10.4	26.0	10.7
		9.0	7.9	28.2	9.79	28.0	10.1	27.8	10.4	27.4	10.3	26.2	9.72	26.0	10.0
		11.0	9.8	29.6	10.0	29.4	10.3	28.6	10.2	27.4	9.6	26.2	9.09	26.0	9.33
		13.0	11.8	31.1	10.3	30.9	10.6	28.6	9.49	27.4	8.9	26.2	8.48	26.0	8.70
		15.0	13.7	32.6	10.5	31.1	10.0	28.6	8.84	27.4	8.33	26.2	7.89	26.0	8.10
110%	220	-14.7	-15.0	14.5	7.15	14.4	7.36	14.3	7.60	14.8	8.08	15.4	8.57	16.5	9.54
		-12.6	-13.0	15.6	7.30	15.5	7.51	15.4	7.76	16.0	8.25	16.6	8.75	17.8	9.74
		-10.6	-11.0	16.7	7.45	16.6	7.67	16.5	7.92	17.1	8.42	17.7	8.93	19.1	9.9
		-9.5	-10.0	17.3	7.54	17.2	7.76	17.1	8.01	17.7	8.52	18.4	9.03	19.8	10.1
		-8.5	-9.1	17.9	7.62	17.8	7.84	17.7	8.10	18.3	8.61	19.0	9.13	20.4	10.2
		-7.0	-7.6	18.8	7.74	18.6	7.97	18.6	8.23	19.2	8.75	19.9	9.28	21.4	10.3
		-5.0	-5.6	20.0	7.91	19.8	8.14	19.8	8.41	20.5	8.94	21.2	9.48	22.8	10.6
		-3.0	-3.7	21.2	8.09	21.1	8.32	21.0	8.60	21.7	9.14	22.5	9.69	24.2	10.8
		0.0	-0.7	23.1	8.37	23.0	8.61	22.9	8.90	23.7	9.46	24.6	10.0	26.4	11.2
		2.0	1.0	24.5	8.57	24.3	8.82	24.2	9.10	25.1	9.68	26.0	10.3	27.1	11.1
		3.0	2.2	25.1	8.67	25.0	8.92	24.9	9.21	25.8	9.79	26.7	10.4	27.1	10.9
		5.0	4.1	26.5	8.88	26.3	9.13	26.2	9.43	27.2	10.0	27.3	10.3	27.1	10.5
		7.0	6.0	27.9	9.09	27.7	9.35	27.5	9.62	27.4	9.75	27.3	9.88	27.1	10.1
		9.0	7.9	29.4	9.31	29.2	9.58	27.5	9.01	27.4	9.17	27.3	9.25	27.1	9.50
		11.0	9.8	30.9	9.54	29.8	9.29	27.5	8.42	27.4	8.60	27.3	8.65	27.1	8.88
		13.0	11.8	32.2	9.64	29.8	8.66	27.5	7.85	27.4	8.06	27.3	8.07	27.1	8.28
		15.0	13.7	32.2	8.98	29.8	8.07	27.5	7.31	27.4	7.54	27.3	7.51	27.1	7.71
100%	200	-14.7	-15.0	13.1	6.45	13.3	6.79	13.7	7.30	14.7	8.01	15.2	8.43	16.4	9.30
		-12.6	-13.0	14.2	6.58	14.3	6.93	14.8	7.45	15.8	8.17	16.4	8.61	17.7	9.49
		-10.6	-11.0	15.2	6.72	15.3	7.07	15.8	7.60	17.0	8.34	17.6	8.78	18.9	9.69
		-9.5	-10.0	15.7	6.79	15.9	7.15	16.4	7.69	17.6	8.44	18.2	8.88	19.6	9.80
		-8.5	-9.1	16.3	6.87	16.4	7.23	16.9	7.77	18.2	8.53	18.8	8.98	20.3	9.90
		-7.0	-7.6	17.1	6.98	17.2	7.34	17.8	7.90	19.1	8.67	19.8	9.12	21.3	10.1
		-5.0	-5.6	18.1	7.13	18.4	7.51	18.9	8.07	20.3	8.86	21.0	9.33	22.6	10.3
		-3.0	-3.7	19.3	7.29	19.5	7.68	20.1	8.25	21.6	9.06	22.3	9.53	24.0	10.5
		0.0	-0.7	21.0	7.55	21.3	7.94	21.9	8.54	23.5	9.37	24.4	9.87	24.6	10.3
		2.0	1.0	22.2	7.72	22.5	8.13	23.2	8.74	24.9	9.59	24.8	9.74	24.6	10.0
		3.0	2.2	22.9	7.81	23.1	8.22	23.8	8.84	24.9	9.45	24.8	9.58	24.6	9.83
		5.0	4.1	24.1	8.00	24.4	8.42	25.0	9.00	24.9	9.12	24.8	9.24	24.6	9.49
		7.0	6.0	25.4	8.19	25.2	8.43	25.0	8.66	24.9	8.79	24.8	8.90	24.6	9.14
		9.0	7.9	26.7	8.38	25.2	7.90	25.0	8.12	24.9	8.23	24.8	8.34	24.6	8.56
		11.0	9.8	26.7	7.83	25.2	7.38	25.0	7.59	24.9	7.69	24.8	7.79	24.6	8.00
		13.0	11.8	26.7	7.31	25.2	6.89	25.0	7.08	24.9	7.17	24.8	7.27	24.6	7.46
		15.0	13.7	26.7	6.80	25.2	6.41	25.0	6.59	24.9	6.68	24.8	6.77	24.6	6.95

3 Capacity tables

3-2 Heating capacity

3-2-2 RSXYP8K7W1

TC: Total capacity, PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		19.0		20.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	180	-14.7	-15.0	12.4	5.93	13.1	6.57	14.0	7.23	14.5	7.60	15.0	7.95	16.2	8.67
		-12.6	-13.0	13.3	6.06	14.2	6.71	15.1	7.39	15.6	7.76	16.2	8.11	17.4	8.86
		-10.6	-11.0	14.3	6.18	15.2	6.85	16.1	7.54	16.7	7.92	17.3	8.28	18.6	9.04
		-9.5	-10.0	14.8	6.25	15.7	6.93	16.7	7.62	17.4	8.01	18.0	8.38	19.3	9.14
		-8.5	-9.1	15.3	6.32	16.3	7.00	17.3	7.71	17.9	8.09	18.6	8.47	20.0	9.24
		-7.0	-7.6	16.1	6.42	17.1	7.12	18.1	7.83	18.8	8.22	19.5	8.60	21.0	9.39
		-5.0	-5.6	17.1	6.56	18.1	7.27	19.3	8.00	20.0	8.41	20.7	8.79	22.2	9.56
		-3.0	-3.7	18.2	6.71	19.3	7.44	20.5	8.18	21.3	8.60	22.0	8.99	22.2	9.34
		0.0	-0.7	19.8	6.95	21.0	7.69	22.4	8.47	22.4	8.63	22.3	8.74	22.2	8.97
		2.0	1.0	20.9	7.11	22.2	7.87	22.5	8.26	22.4	8.37	22.3	8.48	22.2	8.70
		3.0	2.2	21.5	7.19	22.7	7.90	22.5	8.12	22.4	8.23	22.3	8.34	22.2	8.56
		5.0	4.1	22.7	7.36	22.7	7.62	22.5	7.83	22.4	7.94	22.3	8.05	22.2	8.26
		7.0	6.0	22.8	7.14	22.7	7.34	22.5	7.55	22.4	7.65	22.3	7.75	22.2	7.96
		9.0	7.9	22.8	6.68	22.7	6.88	22.5	7.07	22.4	7.16	22.3	7.26	22.2	7.45
		11.0	9.8	22.8	6.25	22.7	6.43	22.5	6.61	22.4	6.70	22.3	6.79	22.2	6.96
		13.0	11.8	22.8	5.83	22.7	6.00	22.5	6.16	22.4	6.25	22.3	6.33	22.2	6.50
		15.0	13.7	22.8	5.43	22.7	5.58	22.5	5.74	22.4	5.82	22.3	5.89	22.2	6.05
80%	160	-14.7	-15.0	12.2	5.76	12.9	6.29	13.7	6.85	14.2	7.14	14.6	7.43	15.8	8.04
		-12.6	-13.0	13.1	5.88	13.9	6.42	14.8	7.00	15.3	7.29	15.8	7.58	17.0	8.21
		-10.6	-11.0	14.0	6.00	14.9	6.56	15.8	7.14	16.4	7.44	16.9	7.74	18.2	8.38
		-9.5	-10.0	14.6	6.07	15.4	6.63	16.4	7.22	17.0	7.53	17.5	7.83	18.9	8.47
		-8.5	-9.1	15.0	6.13	15.9	6.70	17.0	7.30	17.5	7.61	18.1	7.91	19.5	8.56
		-7.0	-7.6	15.8	6.23	16.7	6.81	17.8	7.42	18.4	7.73	19.0	8.04	19.7	8.50
		-5.0	-5.6	16.8	6.37	17.8	6.96	18.9	7.58	19.6	7.90	19.9	8.11	19.7	8.33
		-3.0	-3.7	17.8	6.51	18.9	7.12	20.0	7.72	19.9	7.82	19.9	7.93	19.7	8.14
		0.0	-0.7	19.5	6.74	20.1	7.21	20.0	7.42	19.9	7.52	19.9	7.62	19.7	7.82
		2.0	1.0	20.3	6.80	20.1	7.00	20.0	7.19	19.9	7.29	19.9	7.39	19.7	7.58
		3.0	2.2	20.3	6.69	20.1	6.88	20.0	7.08	19.9	7.17	19.9	7.27	19.7	7.46
		5.0	4.1	20.3	6.46	20.1	6.64	20.0	6.83	19.9	6.92	19.9	7.01	19.7	7.20
		7.0	6.0	20.3	6.22	20.1	6.40	20.0	6.58	19.9	6.67	19.9	6.75	19.7	6.93
		9.0	7.9	20.3	5.82	20.1	5.99	20.0	6.16	19.9	6.24	19.9	6.33	19.7	6.49
		11.0	9.8	20.3	5.44	20.1	5.60	20.0	5.76	19.9	5.83	19.9	5.91	19.7	6.07
		13.0	11.8	20.3	5.08	20.1	5.22	20.0	5.37	19.9	5.44	19.9	5.52	19.7	5.66
		15.0	13.7	20.3	4.73	20.1	4.86	20.0	5.00	19.9	5.07	19.9	5.14	19.7	5.27
70%	140	-14.7	-15.0	11.9	5.47	12.5	5.89	13.3	6.35	13.7	6.58	14.2	6.83	15.3	7.33
		-12.6	-13.0	12.8	5.58	13.5	6.01	14.3	6.48	14.8	6.72	15.3	6.97	16.5	7.48
		-10.6	-11.0	13.7	5.70	14.4	6.14	15.3	6.62	15.8	6.86	16.4	7.11	17.2	7.55
		-9.5	-10.0	14.2	5.76	15.0	6.21	15.9	6.69	16.4	6.94	17.0	7.19	17.2	7.48
		-8.5	-9.1	14.7	5.82	15.5	6.27	16.4	6.76	16.9	7.01	17.4	7.23	17.2	7.42
		-7.0	-7.6	15.4	5.92	16.2	6.38	17.2	6.87	17.4	7.04	17.4	7.13	17.2	7.32
		-5.0	-5.6	16.4	6.05	17.3	6.52	17.5	6.80	17.4	6.90	17.4	6.99	17.2	7.17
		-3.0	-3.7	17.4	6.18	17.6	6.47	17.5	6.65	17.4	6.74	17.4	6.83	17.2	7.01
		0.0	-0.7	17.8	6.04	17.6	6.22	17.5	6.39	17.4	6.48	17.4	6.56	17.2	6.74
		2.0	1.0	17.8	5.86	17.6	6.03	17.5	6.20	17.4	6.28	17.4	6.37	17.2	6.53
		3.0	2.2	17.8	5.76	17.6	5.93	17.5	6.10	17.4	6.18	17.4	6.26	17.2	6.43
		5.0	4.1	17.8	5.56	17.6	5.72	17.5	5.88	17.4	5.96	17.4	6.04	17.2	6.20
		7.0	6.0	17.8	5.36	17.6	5.51	17.5	5.67	17.4	5.74	17.4	5.82	17.2	5.97
		9.0	7.9	17.8	5.02	17.6	5.16	17.5	5.31	17.4	5.38	17.4	5.45	17.2	5.59
		11.0	9.8	17.8	4.69	17.6	4.82	17.5	4.96	17.4	5.03	17.4	5.09	17.2	5.23
		13.0	11.8	17.8	4.37	17.6	4.50	17.5	4.63	17.4	4.69	17.4	4.75	17.2	4.88
		15.0	13.7	17.8	4.07	17.6	4.19	17.5	4.31	17.4	4.37	17.4	4.42	17.2	4.54
60%	120	-14.7	-15.0	11.4	5.05	11.9	5.38	12.7	5.74	13.1	5.93	13.5	6.13	14.6	6.52
		-12.6	-13.0	12.3	5.16	12.9	5.49	13.6	5.86	14.1	6.06	14.6	6.26	14.8	6.49
		-10.6	-11.0	13.2	5.26	13.8	5.60	14.6	5.98	14.9	6.15	14.9	6.23	14.8	6.40
		-9.5	-10.0	13.6	5.32	14.3	5.67	15.0	6.02	14.9	6.10	14.9	6.18	14.8	6.35
		-8.5	-9.1	14.1	5.38	14.8	5.73	15.0	5.97	14.9	6.05	14.9	6.13	14.8	6.29
		-7.0	-7.6	14.8	5.47	15.1	5.73	15.0	5.89	14.9	5.97	14.9	6.05	14.8	6.21
		-5.0	-5.6	15.2	5.46	15.1	5.61	15.0	5.77	14.9	5.85	14.9	5.93	14.8	6.08
		-3.0	-3.7	15.2	5.33	15.1	5.49	15.0	5.64	14.9	5.72	14.9	5.79	14.8	5.94
		0.0	-0.7	15.2	5.12	15.1	5.27	15.0	5.42	14.9	5.49	14.9	5.57	14.8	5.71
		2.0	1.0	15.2	4.97	15.1	5.11	15.0	5.26	14.9	5.33	14.9	5.40	14.8	5.54
		3.0	2.2	15.2	4.89	15.1	5.03	15.0	5.17	14.9	5.24	14.9	5.31	14.8	5.45
		5.0	4.1	15.2	4.72	15.1	4.85	15.0	4.99	14.9	5.06	14.9	5.12	14.8	5.26
		7.0	6.0	15.2	4.54	15.1	4.67	15.0	4.80	14.9	4.87	14.9	4.93	14.8	5.07
		9.0	7.9	15.2	4.25	15.1	4.38	15.0	4.50	14.9	4.56	14.9	4.62	14.8	4.74
		11.0	9.8	15.2	3.98	15.1	4.09	15.0	4.21	14.9	4.26	14.9	4.32	14.8	4.43
		13.0	11.8	15.2	3.71	15.1	3.82	15.0	3.92	14.9	3.98	14.9	4.03	14.8	4.14
		15.0	13.7	15.2	3.45	15.1	3.55	15.0	3.65	14.9	3.70	14.9	3.75	14.8	3.85

3 Capacity tables

3-2 Heating capacity

3

3-2-2 RSXYP8K7W1

TC: Total capacity; PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		19.0		20.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	100	-14.7	-15.0	10.5	4.53	10.9	4.78	11.4	5.05	11.8	5.20	12.4	5.36	12.3	5.50
		-12.6	-13.0	11.3	4.63	11.7	4.89	12.5	5.15	12.5	5.22	12.4	5.29	12.3	5.43
		-10.6	-11.0	12.1	4.72	12.6	4.94	12.5	5.08	12.5	5.15	12.4	5.22	12.3	5.36
		-9.5	-10.0	12.7	4.77	12.6	4.90	12.5	5.04	12.5	5.11	12.4	5.18	12.3	5.31
		-8.5	-9.1	12.7	4.73	12.6	4.86	12.5	5.00	12.5	5.07	12.4	5.13	12.3	5.27
		-7.0	-7.6	12.7	4.66	12.6	4.80	12.5	4.93	12.5	5.00	12.4	5.07	12.3	5.20
		-5.0	-5.6	12.7	4.57	12.6	4.70	12.5	4.83	12.5	4.90	12.4	4.96	12.3	5.09
		-3.0	-3.7	12.7	4.47	12.6	4.59	12.5	4.72	12.5	4.79	12.4	4.85	12.3	4.98
		0.0	-0.7	12.7	4.29	12.6	4.41	12.5	4.54	12.5	4.60	12.4	4.66	12.3	4.78
		2.0	1.0	12.7	4.16	12.6	4.28	12.5	4.40	12.5	4.46	12.4	4.52	12.3	4.64
		3.0	2.2	12.7	4.09	12.6	4.21	12.5	4.33	12.5	4.39	12.4	4.45	12.3	4.56
		5.0	4.1	12.7	3.95	12.6	4.06	12.5	4.18	12.5	4.23	12.4	4.29	12.3	4.40
		7.0	6.0	12.7	3.81	12.6	3.91	12.5	4.02	12.5	4.08	12.4	4.13	12.3	4.24
		9.0	7.9	12.7	3.56	12.6	3.67	12.5	3.77	12.5	3.82	12.4	3.87	12.3	3.97
		11.0	9.8	12.7	3.33	12.6	3.43	12.5	3.52	12.5	3.57	12.4	3.62	12.3	3.71
		13.0	11.8	12.7	3.11	12.6	3.20	12.5	3.29	12.5	3.33	12.4	3.37	12.3	3.46
		15.0	13.7	12.7	2.89	12.6	2.98	12.5	3.06	12.5	3.10	12.4	3.14	12.3	3.23

3 Capacity tables

3-2 Heating capacity

3-2-3 RSXYP10K7W1

TC: Total capacity, PI: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		19.0		20.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	325	-14.7	-15.0	18.3	7.92	18.2	8.16	18.1	8.40	18.0	8.52	17.9	8.65	17.9	8.91
		-12.6	-13.0	19.6	8.10	19.5	8.35	19.3	8.60	19.3	8.72	19.2	8.84	19.1	9.12
		-10.6	-11.0	20.9	8.28	20.7	8.54	20.6	8.79	20.5	8.92	20.4	9.05	20.4	9.33
		-9.5	-10.0	21.6	8.39	21.5	8.65	21.3	8.90	21.2	9.03	21.1	9.16	21.1	9.44
		-8.5	-9.1	22.3	8.49	22.1	8.75	22.0	9.01	21.9	9.14	21.8	9.27	21.7	9.56
		-7.0	-7.6	23.3	8.64	23.1	8.91	23.0	9.17	22.9	9.30	22.8	9.44	22.7	9.73
		-5.0	-5.6	24.7	8.86	24.5	9.13	24.3	9.40	24.3	9.54	24.2	9.67	24.1	10.0
		-3.0	-3.7	26.1	9.08	26.0	9.36	25.8	9.64	25.7	9.78	25.6	9.9	25.5	10.2
		0.0	-0.7	28.4	9.44	28.2	9.73	28.0	10.0	27.9	10.2	27.8	10.3	27.7	10.6
		2.0	1.0	30.0	9.69	29.8	10.0	29.5	10.3	29.4	10.4	29.3	10.6	29.2	10.9
		3.0	2.2	30.8	9.8	30.5	10.1	30.3	10.4	30.2	10.6	30.1	10.7	30.0	11.1
		5.0	4.1	32.4	10.1	32.2	10.4	31.9	10.7	31.8	10.9	31.7	11.0	31.6	11.4
		7.0	6.0	34.1	10.4	33.8	10.7	33.6	11.0	33.5	11.2	33.4	11.3	33.0	11.6
		9.0	7.9	35.8	10.7	35.5	11.0	35.3	11.3	35.2	11.5	35.0	11.6	33.0	10.9
		11.0	9.8	37.6	11.0	37.3	11.3	37.0	11.6	36.9	11.8	36.0	11.5	33.0	10.2
		13.0	11.8	39.4	11.3	39.1	11.6	38.8	12.0	37.6	11.5	36.0	10.8	33.0	9.59
		15.0	13.7	41.3	11.6	41.0	11.9	39.2	11.4	37.6	10.7	36.0	10.1	33.0	8.97
120%	300	-14.7	-15.0	18.2	8.06	18.0	8.31	17.9	8.56	17.8	8.68	17.8	8.81	19.1	9.96
		-12.6	-13.0	19.4	8.25	19.3	8.50	19.2	8.75	19.1	8.88	19.0	9.01	20.4	10.2
		-10.6	-11.0	20.7	8.43	20.6	8.69	20.4	8.95	20.3	9.08	20.3	9.21	21.8	10.4
		-9.5	-10.0	21.4	8.54	21.3	8.80	21.1	9.07	21.0	9.20	21.0	9.33	22.5	10.6
		-8.5	-9.1	22.1	8.64	21.9	8.91	21.8	9.17	21.7	9.30	21.6	9.44	23.2	10.7
		-7.0	-7.6	23.1	8.80	22.9	9.07	22.8	9.34	22.7	9.47	22.6	9.61	24.3	10.9
		-5.0	-5.6	24.5	9.02	24.3	9.29	24.1	9.57	24.0	9.71	24.0	9.85	25.7	11.1
		-3.0	-3.7	25.9	9.25	25.7	9.53	25.5	9.81	25.5	9.96	25.4	10.1	27.2	11.4
		0.0	-0.7	28.1	9.61	27.9	9.91	27.7	10.2	27.6	10.3	27.6	10.5	29.6	11.9
		2.0	1.0	29.7	9.87	29.5	10.2	29.3	10.5	29.2	10.6	29.1	10.8	31.2	12.2
		3.0	2.2	30.5	10.0	30.3	10.3	30.1	10.6	29.9	10.8	29.9	10.9	32.1	12.4
		5.0	4.1	32.1	10.3	31.9	10.6	31.7	10.9	31.5	11.1	31.4	11.2	32.8	12.3
		7.0	6.0	33.8	10.6	33.5	10.9	33.3	11.2	33.2	11.4	33.1	11.5	32.8	11.9
		9.0	7.9	35.5	10.9	35.2	11.2	35.0	11.5	34.4	11.4	33.1	10.8	32.8	11.1
		11.0	9.8	37.2	11.2	37.0	11.5	35.9	11.4	34.4	10.7	33.1	10.2	32.8	10.5
		13.0	11.8	39.0	11.5	38.8	11.8	35.9	10.6	34.4	10.0	33.1	9.53	32.8	9.79
		15.0	13.7	40.9	11.8	39.0	11.2	35.9	9.96	34.4	9.40	33.1	8.91	32.8	9.16
110%	275	-14.7	-15.0	18.0	8.20	17.9	8.46	17.8	8.76	18.5	9.32	19.1	9.89	20.5	11.0
		-12.6	-13.0	19.3	8.39	19.1	8.65	19.1	8.96	19.8	9.54	20.5	10.1	21.9	11.3
		-10.6	-11.0	20.5	8.58	20.4	8.85	20.3	9.17	21.0	9.75	21.8	10.3	23.4	11.5
		-9.5	-10.0	21.2	8.69	21.1	8.96	21.0	9.28	21.8	9.88	22.5	10.5	24.2	11.7
		-8.5	-9.1	21.9	8.80	21.7	9.07	21.7	9.39	22.4	9.99	23.2	10.6	24.9	11.8
		-7.0	-7.6	22.9	8.96	22.7	9.23	22.7	9.56	23.5	10.2	24.3	10.8	26.0	12.0
		-5.0	-5.6	24.3	9.18	24.1	9.46	24.0	9.80	24.9	10.4	25.8	11.1	27.6	12.3
		-3.0	-3.7	25.7	9.41	25.5	9.70	25.4	10.0	26.3	10.7	27.3	11.3	29.2	12.7
		0.0	-0.7	27.9	9.78	27.7	10.1	27.6	10.4	28.6	11.1	29.6	11.8	31.8	13.2
		2.0	1.0	29.4	10.0	29.2	10.4	29.2	10.7	30.2	11.4	31.3	12.1	32.5	13.1
		3.0	2.2	30.2	10.2	30.0	10.5	29.9	10.9	31.0	11.6	32.1	12.3	32.5	12.9
		5.0	4.1	31.8	10.5	31.6	10.8	31.5	11.2	32.6	11.9	32.8	12.2	32.5	12.5
		7.0	6.0	33.5	10.7	33.2	11.1	33.0	11.4	32.9	11.6	32.8	11.7	32.5	12.1
		9.0	7.9	35.2	11.0	34.9	11.4	33.0	10.7	32.9	10.9	32.8	11.0	32.5	11.3
		11.0	9.8	36.9	11.4	35.6	11.1	33.0	10.1	32.9	10.2	32.8	10.3	32.5	10.6
		13.0	11.8	38.4	11.5	35.6	10.4	33.0	9.42	32.9	9.56	32.8	9.70	32.5	10.0
		15.0	13.7	38.4	10.8	35.6	9.71	33.0	8.82	32.9	8.95	32.8	9.07	32.5	9.33
100%	250	-14.7	-15.0	17.2	7.92	17.4	8.36	17.9	9.00	19.2	9.89	19.8	10.4	21.3	11.5
		-12.6	-13.0	18.4	8.10	18.6	8.55	19.2	9.21	20.5	10.1	21.2	10.7	22.8	11.8
		-10.6	-11.0	19.6	8.28	19.8	8.75	20.4	9.42	21.8	10.3	22.6	10.9	24.2	12.0
		-9.5	-10.0	20.3	8.39	20.5	8.86	21.1	9.54	22.6	10.5	23.4	11.0	25.1	12.2
		-8.5	-9.1	20.9	8.49	21.1	8.96	21.8	9.65	23.3	10.6	24.1	11.2	25.8	12.3
		-7.0	-7.6	21.8	8.64	22.1	9.13	22.8	9.83	24.4	10.8	25.2	11.4	27.0	12.6
		-5.0	-5.6	23.1	8.86	23.4	9.35	24.1	10.1	25.8	11.1	26.7	11.7	28.7	12.9
		-3.0	-3.7	24.5	9.08	24.8	9.59	25.6	10.3	27.3	11.3	28.3	11.9	30.3	13.2
		0.0	-0.7	26.6	9.44	27.0	9.97	27.8	10.7	29.7	11.8	30.7	12.4	31.1	13.0
		2.0	1.0	28.1	9.69	28.4	10.2	29.3	11.0	31.3	12.1	31.3	12.3	31.1	12.6
		3.0	2.2	28.8	9.82	29.2	10.4	30.1	11.2	31.4	11.9	31.3	12.1	31.1	12.5
		5.0	4.1	30.4	10.1	30.7	10.7	31.5	11.4	31.4	11.6	31.3	11.7	31.1	12.1
		7.0	6.0	31.9	10.4	31.7	10.7	31.5	11.0	31.4	11.2	31.3	11.3	31.1	11.6
		9.0	7.9	33.5	10.6	31.7	10.0	31.5	10.3	31.4	10.5	31.3	10.6	31.1	10.9
		11.0	9.8	33.5	9.99	31.7	9.43	31.5	9.71	31.4	9.85	31.3	9.99	31.1	10.3
		13.0	11.8	33.5	9.36	31.7	8.83	31.5	9.09	31.4	9.23	31.3	9.36	31.1	9.62
		15.0	13.7	33.5	8.76	31.7	8.26	31.5	8.51	31.4	8.63	31.3	8.75	31.1	9.00

3 Capacity tables

3-2 Heating capacity

3

3-2-3 RSXYP10K7W1

TC: Total capacity; Pt: Power Input

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		19.0		20.0		22.0		24.0	
				TC	Pt	TC	Pt	TC	Pt	TC	Pt	TC	Pt	TC	Pt
90%	225	°CDB	°CWB	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW	KW
		-14.7	-15.0	16.2	7.32	17.2	8.12	18.2	8.95	18.9	9.40	19.5	9.84	20.9	10.7
		-12.6	-13.0	17.4	7.48	18.4	8.30	19.5	9.15	20.2	9.62	20.9	10.1	22.4	11.0
		-10.6	-11.0	18.5	7.65	19.6	8.49	20.8	9.36	21.5	9.84	22.2	10.3	23.8	11.2
		-9.5	-10.0	19.1	7.75	20.2	8.60	21.5	9.48	22.2	9.96	23.0	10.4	24.6	11.4
		-8.5	-9.1	19.7	7.84	20.9	8.70	22.2	9.59	22.9	10.1	23.7	10.5	25.4	11.5
		-7.0	-7.6	20.6	7.99	21.8	8.86	23.2	9.76	24.0	10.3	24.8	10.7	26.6	11.7
		-5.0	-5.6	21.8	8.18	23.1	9.08	24.6	10.0	25.4	10.5	26.3	11.0	28.0	12.0
		-3.0	-3.7	23.1	8.39	24.5	9.31	26.0	10.3	26.9	10.8	27.8	11.3	28.0	11.7
		0.0	-0.7	25.1	8.72	26.6	9.68	28.2	10.7	28.3	10.9	28.2	11.0	28.0	11.3
		2.0	1.0	26.5	8.96	28.1	9.94	28.4	10.4	28.3	10.6	28.2	10.7	28.0	11.0
		3.0	2.2	27.2	9.08	28.6	9.99	28.4	10.3	28.3	10.4	28.2	10.6	28.0	10.9
		5.0	4.1	28.7	9.32	28.6	9.67	28.4	9.96	28.3	10.1	28.2	10.2	28.0	10.5
		7.0	6.0	28.8	9.05	28.6	9.33	28.4	9.61	28.3	9.75	28.2	9.89	28.0	10.2
		9.0	7.9	28.8	8.51	28.6	8.77	28.4	9.03	28.3	9.16	28.2	9.29	28.0	9.55
		11.0	9.8	28.8	7.98	28.6	8.23	28.4	8.47	28.3	8.59	28.2	8.72	28.0	8.96
		13.0	11.8	28.8	7.48	28.6	7.71	28.4	7.94	28.3	8.05	28.2	8.17	28.0	8.40
		15.0	13.7	28.8	7.00	28.6	7.21	28.4	7.43	28.3	7.53	28.2	7.64	28.0	7.86
80%	200	-14.7	-15.0	15.9	7.06	16.8	7.72	17.8	8.42	18.4	8.78	19.0	9.13	20.3	9.89
		-12.6	-13.0	17.0	7.22	18.0	7.90	19.1	8.62	19.7	8.98	20.3	9.34	21.8	10.1
		-10.6	-11.0	18.1	7.38	19.2	8.08	20.3	8.81	21.0	9.18	21.6	9.56	23.2	10.3
		-9.5	-10.0	18.8	7.48	19.8	8.18	21.0	8.92	21.7	9.30	22.4	9.68	24.0	10.5
		-8.5	-9.1	19.3	7.56	20.4	8.28	21.7	9.03	22.4	9.41	23.1	9.79	24.7	10.6
		-7.0	-7.6	20.2	7.70	21.4	8.43	22.7	9.19	23.4	9.58	24.1	9.97	24.9	10.5
		-5.0	-5.6	21.4	7.89	22.6	8.64	24.0	9.42	24.8	9.82	25.1	10.1	24.9	10.4
		-3.0	-3.7	22.7	8.09	24.0	8.86	25.3	9.62	25.2	9.76	25.1	9.89	24.9	10.2
		0.0	-0.7	24.6	8.41	25.5	9.02	25.3	9.29	25.2	9.42	25.1	9.56	24.9	9.83
		2.0	1.0	25.7	8.52	25.5	8.78	25.3	9.04	25.2	9.17	25.1	9.30	24.9	9.56
		3.0	2.2	25.7	8.39	25.5	8.65	25.3	8.91	25.2	9.04	25.1	9.17	24.9	9.42
		5.0	4.1	25.7	8.13	25.5	8.38	25.3	8.63	25.2	8.75	25.1	8.88	24.9	9.13
		7.0	6.0	25.7	7.85	25.5	8.09	25.3	8.33	25.2	8.45	25.1	8.57	24.9	8.81
		9.0	7.9	25.7	7.37	25.5	7.60	25.3	7.82	25.2	7.94	25.1	8.05	24.9	8.28
		11.0	9.8	25.7	6.92	25.5	7.13	25.3	7.34	25.2	7.45	25.1	7.55	24.9	7.77
		13.0	11.8	25.7	6.48	25.5	6.68	25.3	6.88	25.2	6.98	25.1	7.08	24.9	7.28
		15.0	13.7	25.7	6.06	25.5	6.25	25.3	6.44	25.2	6.53	25.1	6.62	24.9	6.81
70%	175	-14.7	-15.0	15.5	6.64	16.3	7.16	17.2	7.73	17.7	8.01	18.3	8.31	19.6	8.92
		-12.6	-13.0	16.6	6.79	17.4	7.33	18.4	7.90	19.0	8.19	19.6	8.50	21.0	9.12
		-10.6	-11.0	17.6	6.95	18.5	7.50	19.6	8.08	20.2	8.38	20.9	8.69	21.9	9.22
		-9.5	-10.0	18.2	7.04	19.2	7.59	20.3	8.19	20.9	8.49	21.6	8.80	21.9	9.11
		-8.5	-9.1	18.8	7.12	19.8	7.68	20.9	8.28	21.5	8.59	22.0	8.86	21.9	9.17
		-7.0	-7.6	19.7	7.25	20.7	7.82	21.9	8.43	22.1	8.64	22.0	8.77	21.9	9.01
		-5.0	-5.6	20.9	7.43	21.9	8.01	22.2	8.38	22.1	8.50	22.0	8.62	21.9	8.86
		-3.0	-3.7	22.1	7.62	22.4	7.98	22.2	8.22	22.1	8.34	22.0	8.46	21.9	8.69
		0.0	-0.7	22.5	7.48	22.4	7.71	22.2	7.94	22.1	8.05	22.0	8.17	21.9	8.40
		2.0	1.0	22.5	7.28	22.4	7.50	22.2	7.73	22.1	7.84	22.0	7.95	21.9	8.17
		3.0	2.2	22.5	7.17	22.4	7.39	22.2	7.61	22.1	7.72	22.0	7.83	21.9	8.05
		5.0	4.1	22.5	6.95	22.4	7.16	22.2	7.37	22.1	7.48	22.0	7.59	21.9	7.80
		7.0	6.0	22.5	6.70	22.4	6.91	22.2	7.12	22.1	7.22	22.0	7.32	21.9	7.53
		9.0	7.9	22.5	6.30	22.4	6.49	22.2	6.69	22.1	6.78	22.0	6.88	21.9	7.07
		11.0	9.8	22.5	5.91	22.4	6.09	22.2	6.27	22.1	6.36	22.0	6.45	21.9	6.64
		13.0	11.8	22.5	5.54	22.4	5.71	22.2	5.88	22.1	5.96	22.0	6.05	21.9	6.22
		15.0	13.7	22.5	5.18	22.4	5.34	22.2	5.50	22.1	5.58	22.0	5.66	21.9	5.82
60%	150	-14.7	-15.0	14.8	6.08	15.5	6.49	16.4	6.93	16.9	7.16	17.4	7.39	18.6	7.86
		-12.6	-13.0	15.9	6.22	16.6	6.63	17.5	7.09	18.0	7.32	18.6	7.56	18.8	7.85
		-10.6	-11.0	16.9	6.37	17.7	6.79	18.6	7.25	19.0	7.45	19.0	7.56	18.8	7.77
		-9.5	-10.0	17.5	6.45	18.3	6.87	19.1	7.30	19.0	7.41	19.0	7.51	18.8	7.72
		-8.5	-9.1	18.0	6.52	18.8	6.95	19.1	7.25	19.0	7.36	19.0	7.46	18.8	7.67
		-7.0	-7.6	18.9	6.64	19.2	6.97	19.1	7.18	19.0	7.28	19.0	7.38	18.8	7.59
		-5.0	-5.6	19.4	6.65	19.2	6.85	19.1	7.06	19.0	7.16	19.0	7.26	18.8	7.47
		-3.0	-3.7	19.4	6.52	19.2	6.72	19.1	6.92	19.0	7.02	19.0	7.12	18.8	7.32
		0.0	-0.7	19.4	6.30	19.2	6.49	19.1	6.69	19.0	6.78	19.0	6.88	18.8	7.07
		2.0	1.0	19.4	6.13	19.2	6.32	19.1	6.51	19.0	6.60	19.0	6.70	18.8	6.89
		3.0	2.2	19.4	6.04	19.2	6.23	19.1	6.41	19.0	6.51	19.0	6.60	18.8	6.79
		5.0	4.1	19.4	5.85	19.2	6.03	19.1	6.21	19.0	6.30	19.0	6.39	18.8	6.57
		7.0	6.0	19.4	5.65	19.2	5.82	19.1	5.99	19.0	6.08	19.0	6.17	18.8	6.34
		9.0	7.9	19.4	5.31	19.2	5.47	19.1	5.63	19.0	5.71	19.0	5.80	18.8	5.96
		11.0	9.8	19.4	4.98	19.2	5.13	19.1	5.29	19.0	5.36	19.0	5.44	18.8	5.59
		13.0	11.8	19.4	4.67	19.2	4.81	19.1	4.95	19.0	5.02	19.0	5.10	18.8	5.24
		15.0	13.7	19.4	4.37	19.2	4.50	19.1	4.63	19.0	4.70	19.0	4.77	18.8	4.90

3 Capacity tables

3-2 Heating capacity

3-2-3 RSXYP10K7W1

TC: Total capacity; PI: Power Input

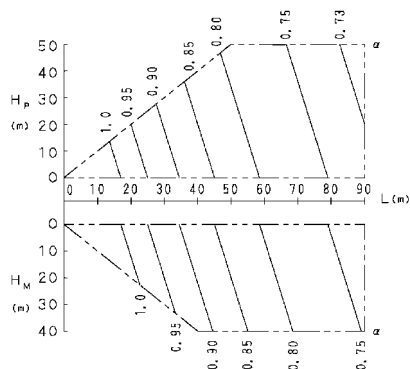
Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		19.0		20.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	125	-14.7	-15.0	13.9	5.42	14.5	5.73	15.2	6.06	15.6	6.24	15.9	6.38	15.8	6.56
		-12.6	-13.0	14.9	5.54	15.5	5.86	16.0	6.15	15.9	6.24	15.9	6.33	15.8	6.51
		-10.6	-11.0	15.8	5.67	16.1	5.92	16.0	6.10	15.9	6.18	15.9	6.27	15.8	6.45
		-9.5	-10.0	16.2	5.71	16.1	5.88	16.0	6.06	15.9	6.15	15.9	6.23	15.8	6.41
		-8.5	-9.1	16.2	5.67	16.1	5.85	16.0	6.02	15.9	6.11	15.9	6.19	15.8	6.37
		-7.0	-7.6	16.2	5.61	16.1	5.78	16.0	5.95	15.9	6.04	15.9	6.13	15.8	6.30
		-5.0	-5.6	16.2	5.52	16.1	5.69	16.0	5.86	15.9	5.94	15.9	6.03	15.8	6.20
		-3.0	-3.7	16.2	5.41	16.1	5.58	16.0	5.74	15.9	5.83	15.9	5.91	15.8	6.08
		0.0	-0.7	16.2	5.23	16.1	5.39	16.0	5.55	15.9	5.63	15.9	5.71	15.8	5.87
		2.0	1.0	16.2	5.09	16.1	5.25	16.0	5.40	15.9	5.48	15.9	5.56	15.8	5.71
		3.0	2.2	16.2	5.01	16.1	5.17	16.0	5.32	15.9	5.40	15.9	5.48	15.8	5.63
		5.0	4.1	16.2	4.86	16.1	5.00	16.0	5.15	15.9	5.23	15.9	5.30	15.8	5.45
		7.0	6.0	16.2	4.69	16.1	4.83	16.0	4.97	15.9	5.05	15.9	5.12	15.8	5.26
		9.0	7.9	16.2	4.40	16.1	4.54	16.0	4.67	15.9	4.74	15.9	4.81	15.8	4.94
		11.0	9.8	16.2	4.13	16.1	4.26	16.0	4.39	15.9	4.45	15.9	4.51	15.8	4.64
		13.0	11.8	16.2	3.87	16.1	3.99	16.0	4.11	15.9	4.17	15.9	4.23	15.8	4.35
		15.0	13.7	16.2	3.62	16.1	3.73	16.0	3.84	15.9	3.90	15.9	3.96	15.8	4.07

4 Capacity correction ratio

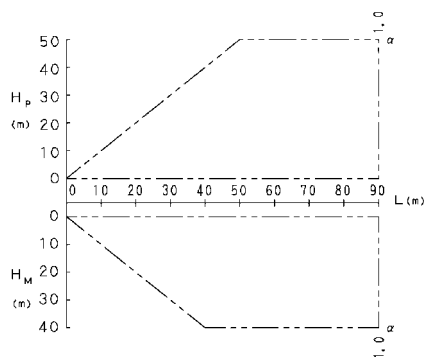
4-1 RSX(Y)P5K7W1

4

- Rate of change in cooling capacity



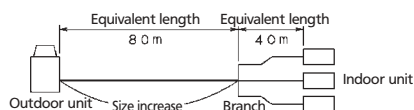
- Rate of change in heating capacity



NOTES

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
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
- When overall equivalent pipe length is 90 m or more the size of the main gas pipes must be increased (outdoor unit-branch sections).
[Increase in gas pipe diameters (main pipes)]
RSXYP5~ø 22.2
- When the main sections of the interunit gas pipe sizes 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 H_p = 0m is thus approximately 0.75.

3D006065

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

[Diameters of gas pipe]

RSXYP5~ø19.1

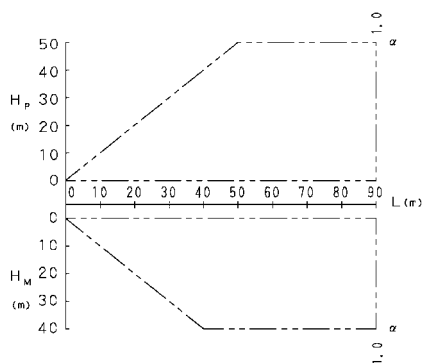
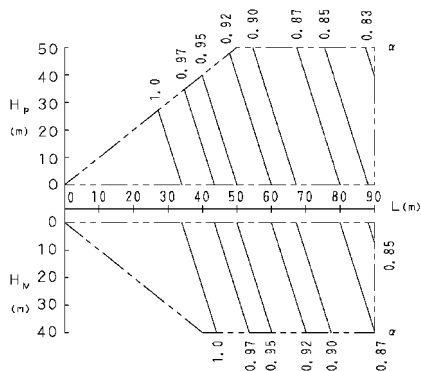
4 Capacity correction ratio

4-2 RSX(Y)P8K7W1

- Rate of change in cooling capacity

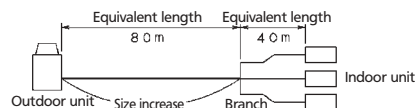
- Rate of change in heating capacity

4



NOTES

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
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
- When overall equivalent pipe length is 90 m or more the size of the main gas pipes must be increased (outdoor unit-branch sections).
[Increase in gas pipe diameters (main pipes)]
RSXYP8~ø 28.6
- When the main sections of the interunit gas pipe sizes 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 0.87.

3D006063

EXPLANATION OF SYMBOLS

- Hp 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

[Diameters of gas pipe]

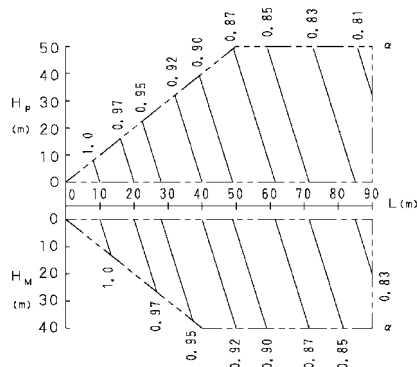
RSXYP8~ø 25.4

4 Capacity correction ratio

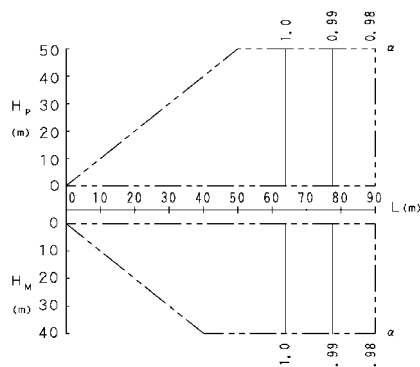
4-3 RSX(Y)P10K7W1

4

- Rate of change in cooling capacity

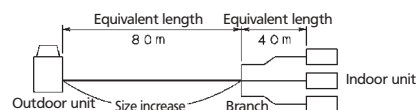


- Rate of change in heating capacity



NOTES

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating cooling / heating capacity (max. capacity for combination with standard indoor unit)
cooling / heating capacity = cooling / heating capacity obtained from performance characteristics table x each capacity rate of change
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
- When overall equivalent pipe length is 90 m or more the size of the main gas pipes must be increased (outdoor unit-branch sections).
[Increase in gas pipe diameters (main pipes)]
RSXYP10~ø 31.8
- When the main sections of the interunit gas pipe sizes 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 $H_p = 0$ m is thus approximately 0.84.

3D006064

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

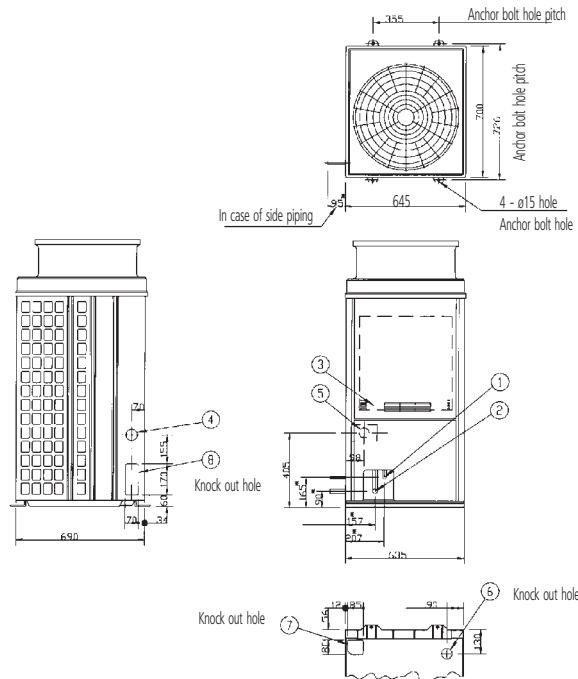
[Diameters of gas pipe]

RSXYP10~ø 28.6

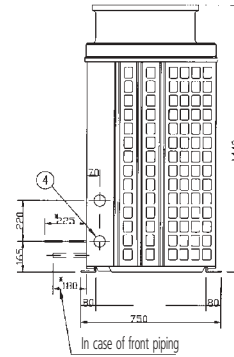
5 Dimensions

5-1 Dimensional drawings

RSX(Y)P5K7W1



Nr.	Part name	Description
1	Liquid pipe connection port	9.5 mm brazing connection
2	Discharge gas pipe connection port	19.1 mm brazing connection
3	Earth terminal	Inside switch box (M8)
4	Power wiring port (side)	ø 62
5	Power wiring port (front)	ø 53 (with mounting plate)
6	Power wiring port (bottom)	ø 50
7	Piping port (bottom)	see note 2
8	Piping port (side)	

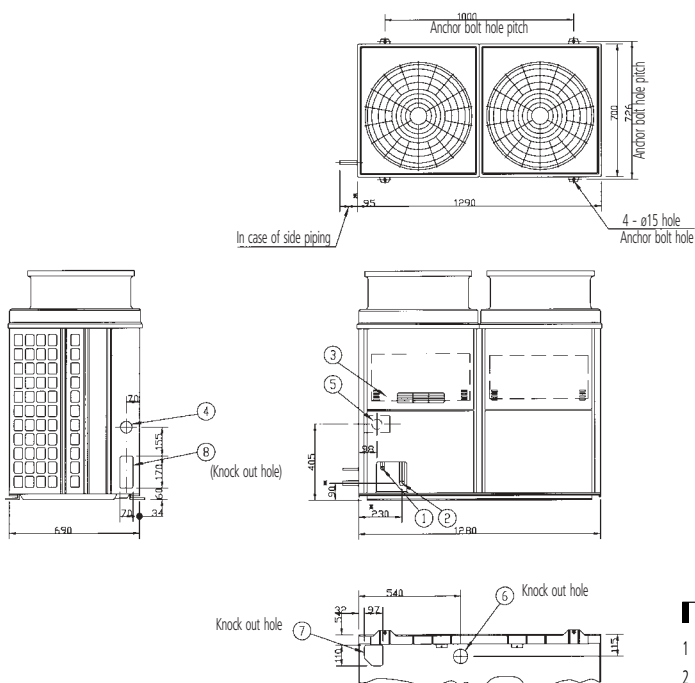


NOTES

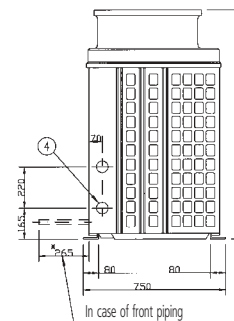
- The * marked dimensions indicate the fitting of the pipes.
- In case of bottom pipe connection, see the installation manual.

3TW21064-1B

RSX(Y)P8K7W1



Nr.	Part name	Description
1	Liquid pipe connection port	12.7 mm flare connection
2	Discharge gas pipe connection port	28.6 mm brazing connection
3	Earth terminal	Inside switch box (M8)
4	Power wiring port (side)	ø 62
5	Power wiring port (front)	ø 53 (with mounting plate)
6	Power wiring port (bottom)	ø 60
7	Piping port (bottom)	see note 2
8	Piping port (side)	



NOTES

- The * marked dimensions indicate the fitting of the pipes.
- In case of bottom pipe connection, see the installation manual.

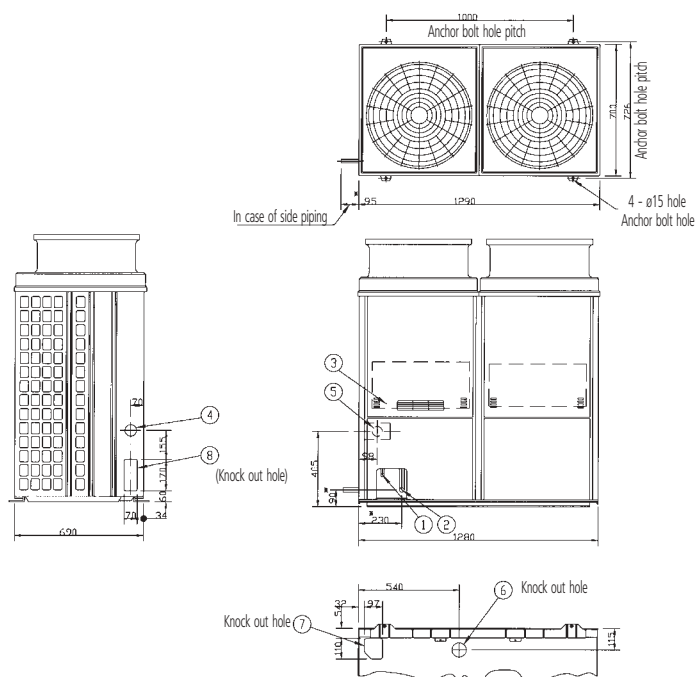
3TW21084-1C

5 Dimensions

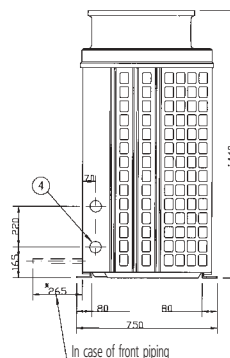
5-1 Dimensional drawings

5

RSX(Y)P10K7W1



Nr.	Part name	Description
1	Liquid pipe connection port	12.7 mm flare connection
2	Discharge gas pipe connection port	28.6 mm brazing connection
3	Earth terminal	Inside switch box (M8)
4	Power wiring port (side)	ø 62
5	Power wiring port (front)	ø 53 (with mounting plate)
6	Power wiring port (bottom)	ø 60
7	Piping port (bottom)	see note 2
8	Piping port (side)	



NOTES

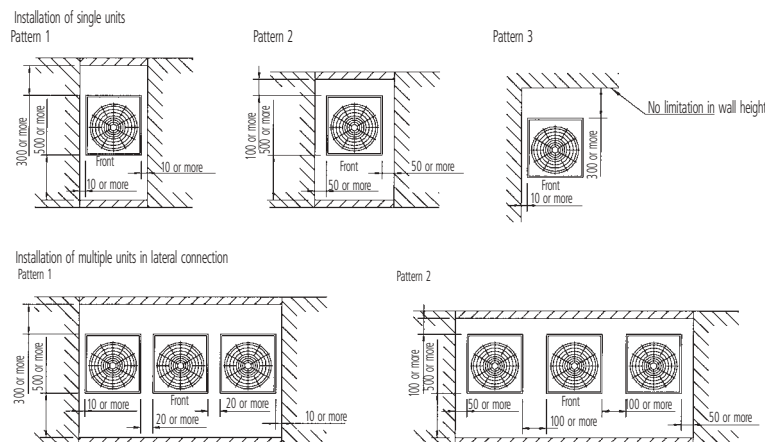
- 1 The * marked dimensions indicate the fitting of the pipes.
- 2 In case of bottom pipe connection, see the installation manual.

3TW21104-1B

5 Dimensions

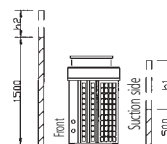
5-2 Installation service space

RSX(Y)P5K7W1



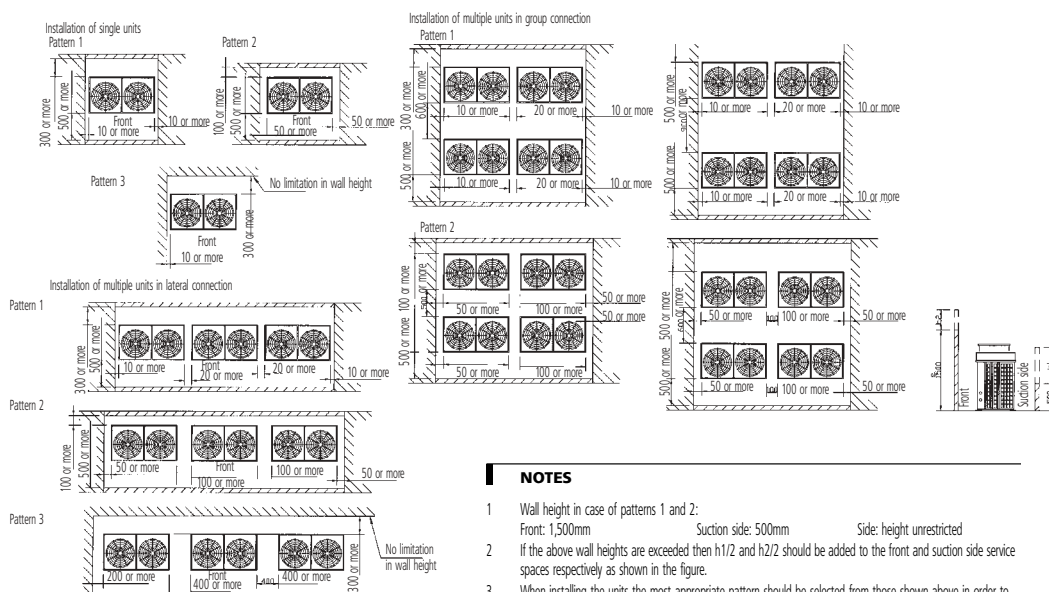
NOTES

- Wall height in case of patterns 1 and 2:
Front: 1,500mm Suction side: 500mm Side: height unrestricted
- If the above wall heights are exceeded then h1/2 and h2/2 should be added to the front and suction side service spaces respectively as shown in the figure on the right
- When installing the units, the most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough room for a person to pass between units and wall and for the air to circulate freely. (If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits.)
- The units should be installed to leave sufficient space at the front for the one site refrigerant piping work to be carried out comfortably.



3TW21069-4A

RSX(Y)P8,10K7W1



NOTES

- Wall height in case of patterns 1 and 2:
Front: 1,500mm Suction side: 500mm Side: height unrestricted
- If the above wall heights are exceeded then h1/2 and h2/2 should be added to the front and suction side service spaces respectively as shown in the figure.
- When installing the units the most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough room for a person to pass between units and wall and for the air to circulate freely. (If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits.)
- The units should be installed to leave sufficient space at the front for the one site refrigerant piping work to be carried out comfortably.

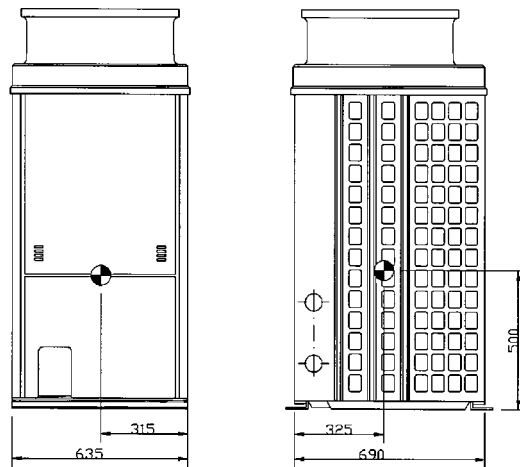
3TW21089-4A

5 Dimensions

5-3 Centre of gravity

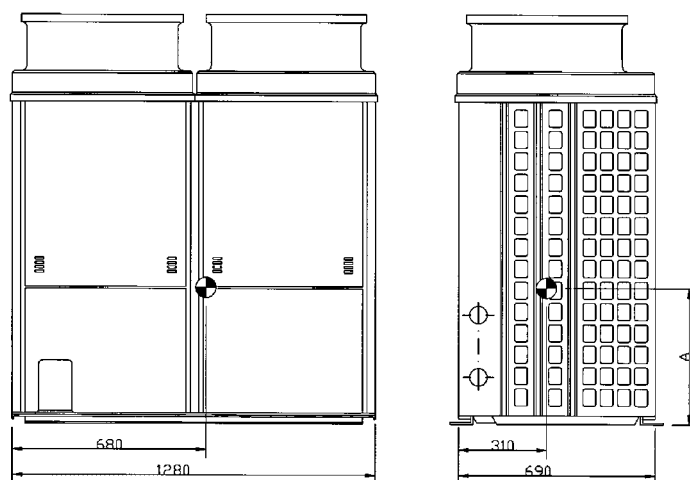
5

RSX(Y)P5K7W1



4TW21069-2A

RSX(Y)P8,10K7W1



Model	A
RSX(Y)8K	360
RSX(Y)10K	480

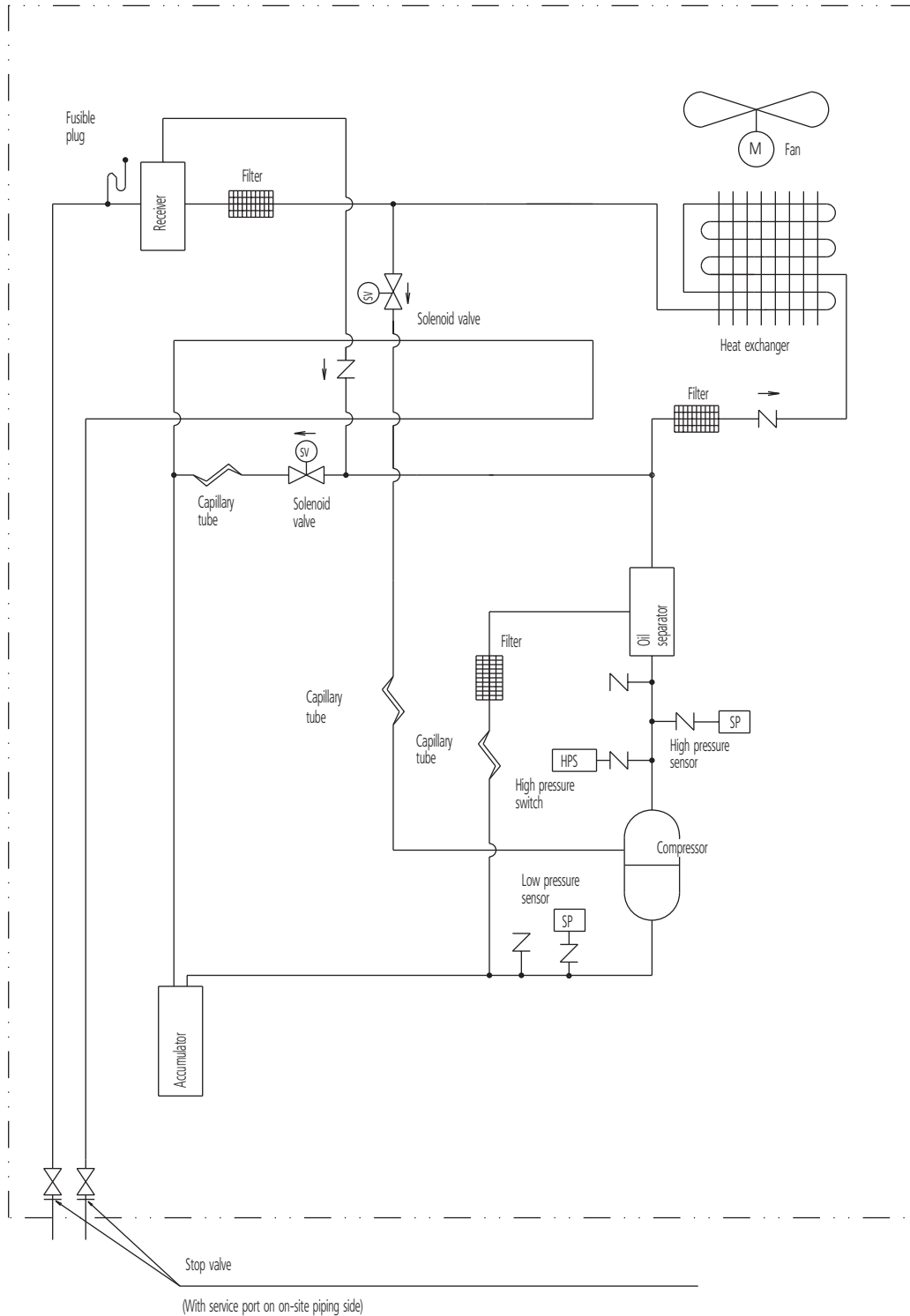
4TW21089-2A

6 Piping diagrams

6-1 Cooling only

6

RSXP5K7W1

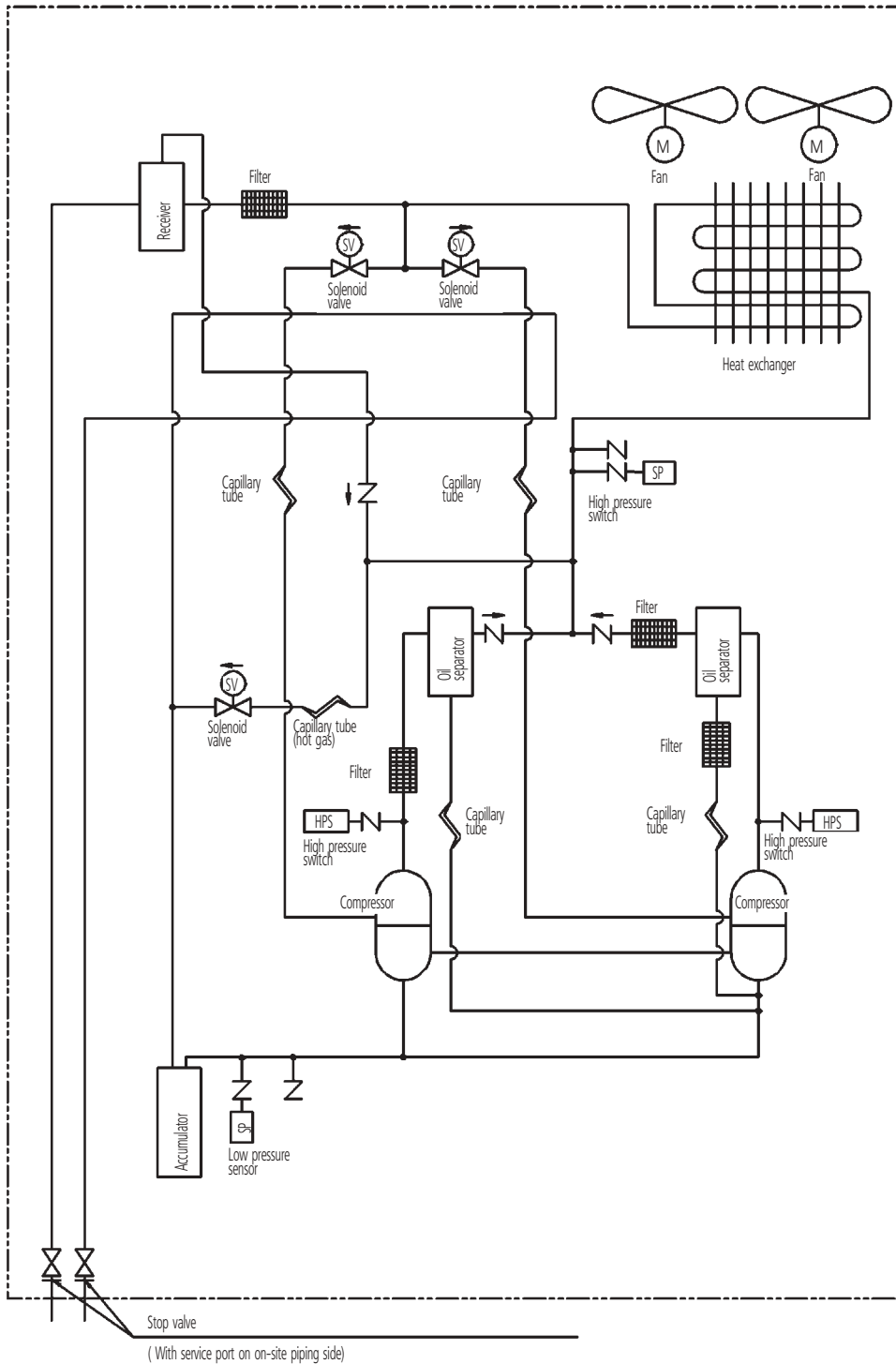


4TW22525-1A

6 Piping diagrams

6-1 Cooling only

RSXP8,10K7W1



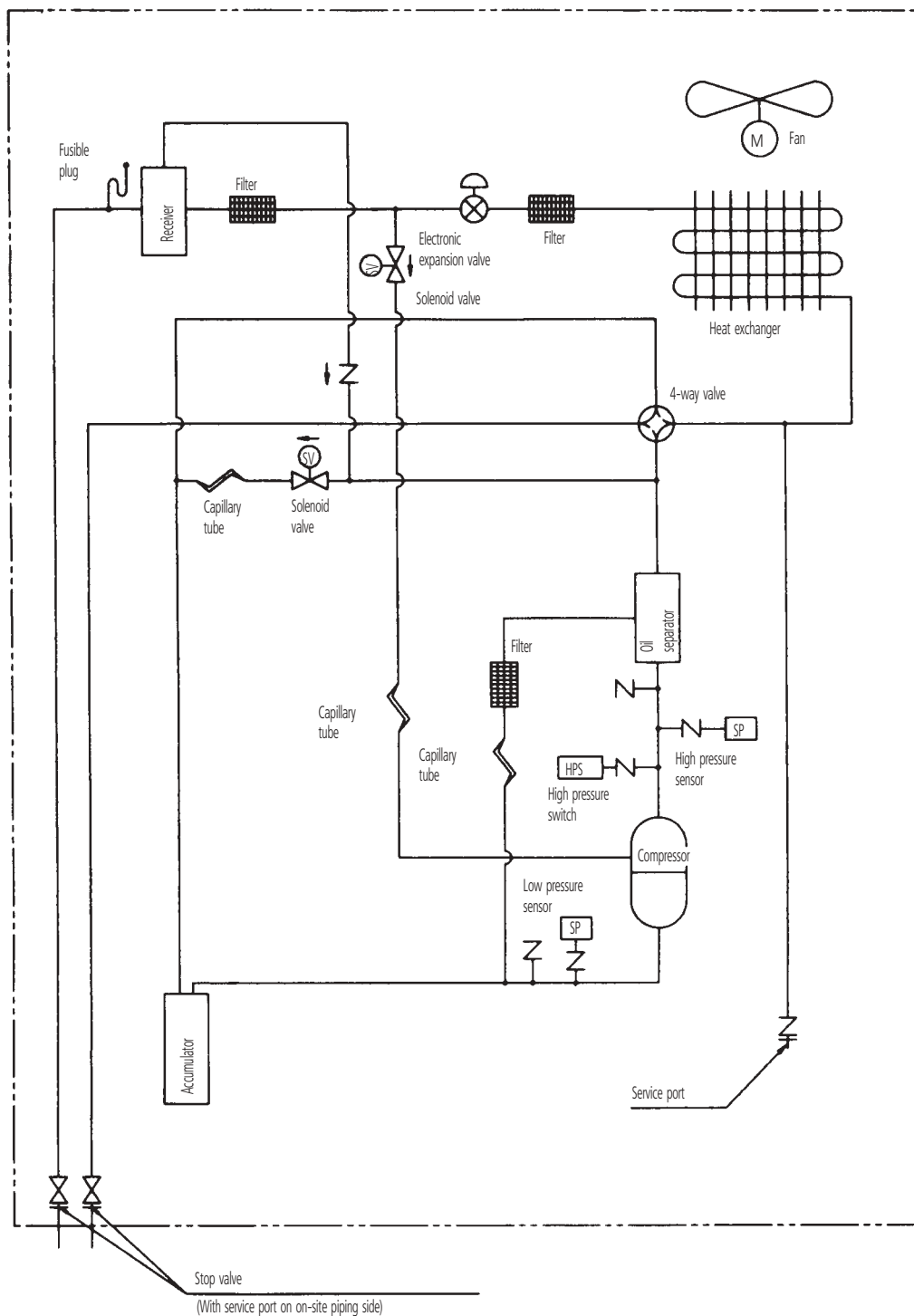
4TW22535-1B

6 Piping diagrams

6-2 Heat pump

6

RSXYP5K7W1



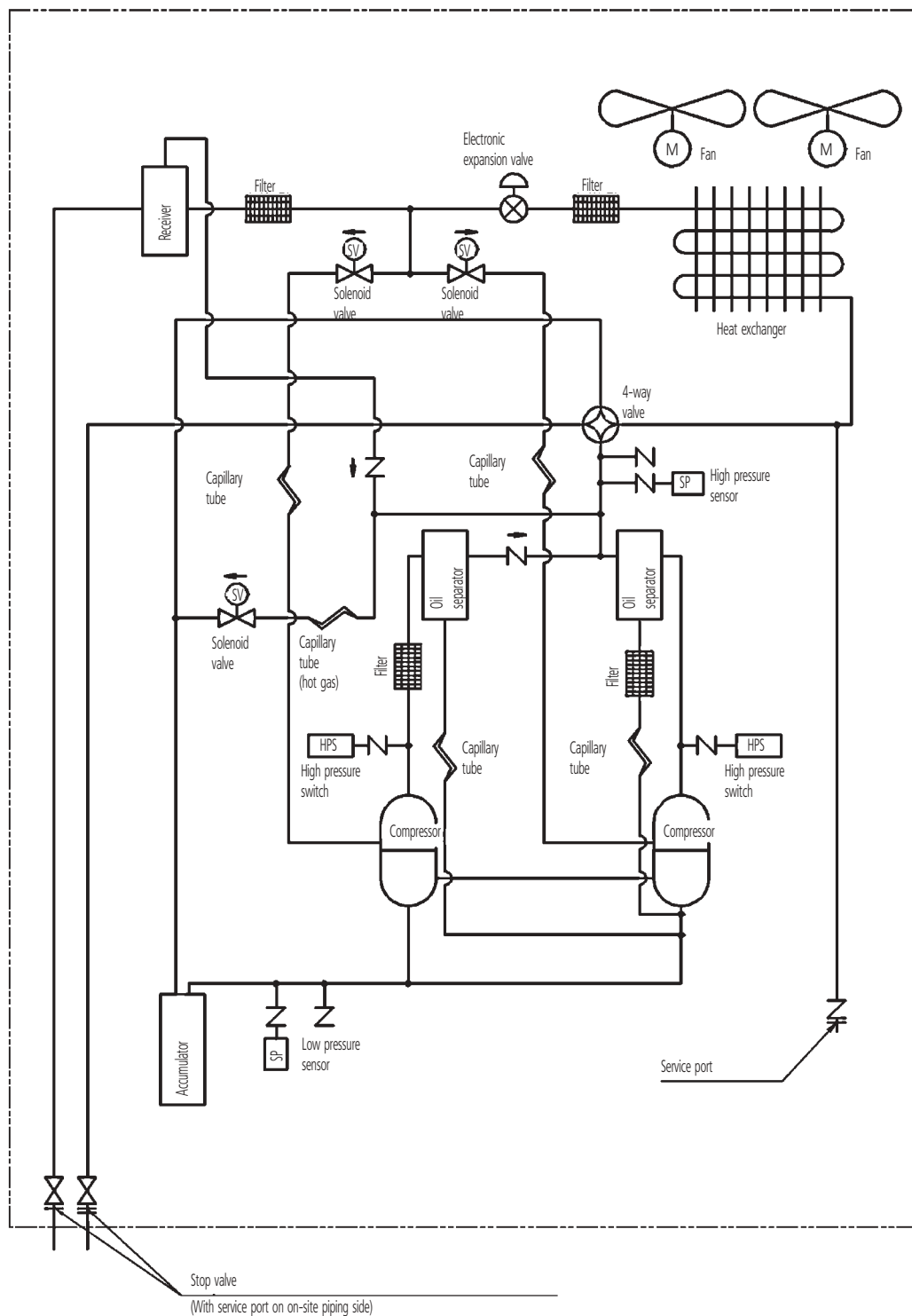
4D005576

6 Piping diagrams

6-2 Heat pump

RSXYP8,10K7W1

6



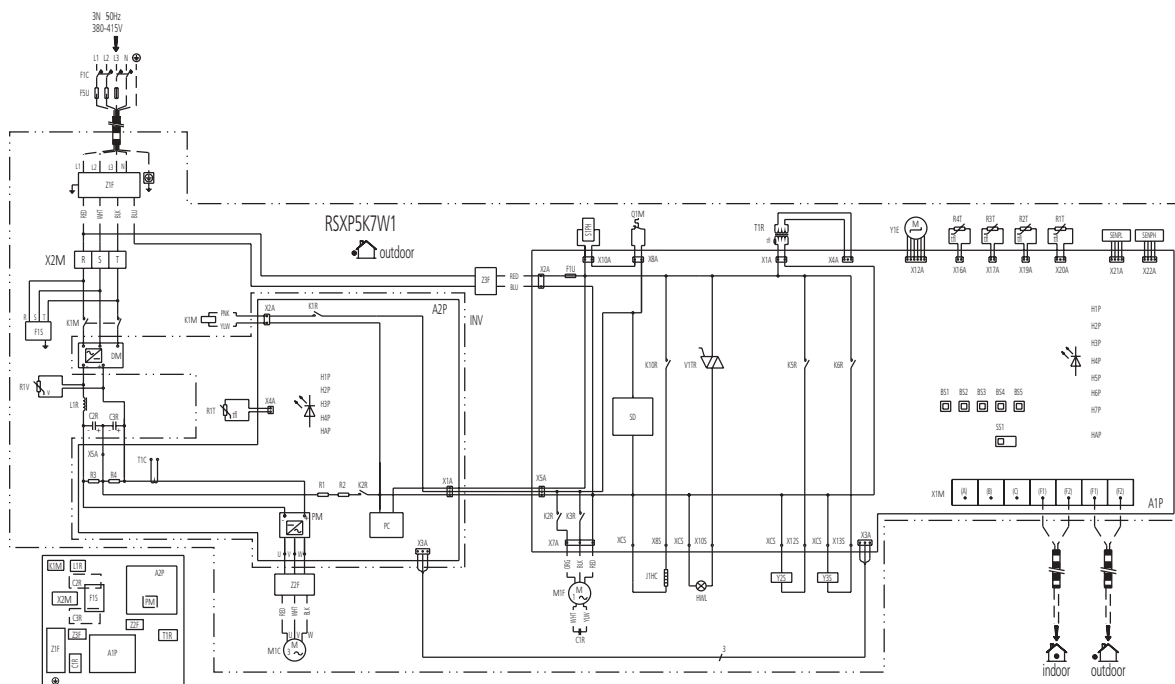
4TW22565-1

7 Wiring diagrams

7-1 Cooling only

7

RSXP5K7W1



A1P, A2P	Printed circuit board	HAP	Light emitting diode (Service monitor-green) (A2P)	PC	Power circuit	T1C	DC current transformer
BS1-5	Push button switch (Mode, Set, Return, Wiring check, Reset)	HWL	Pilot lamp (Alarm-white)	PM	Power module	T1R	Transformer (220-240V/22V)
C1R-3R	Capacitor	INV	Inverter (A2P)	Q1M	Thermal protector (Klixon) (MF1)	V1TR	Triac
DM	Diode module			R1-4	Resistor	X1M	Terminal strip
F1C	Earth leak detector			R1T	Thermistor (Fin) (A2P)	X2M	Terminal board
F1S	Surge arrester	J1HC	Crankcase heater	R1T	Thermistor (Air) (A1P)	Y1E	Expansion valve (Electronic type)
F1U	Fuse (250V,10A)	K1M	Compressor contactor (M1C)	R2T	Thermistor (Coil)	Y2S	Solenoid valve (Hot gas)
F5U	Field fuse	K1R, K2R	Magnetic relay (A2P)	R3T	Thermistor (Discharge)	Y3S	Solenoid valve (injection M1C)
H1P-7P	Light emitting diode (Service monitor-orange) (A1P)	K2R, K3R	Magnetic relay (M1F)	R4T	Thermistor (Suction)	Z1-3F	Noise filter
H1P-4P	Light emitting diode (Service monitor-red) (A2P)	K5R	Magnetic relay (Y2S)	R1V	Varistor		
HAP	Light emitting diode (Service monitor-green) (A1P)	K6R	Magnetic relay (Y3S)	SD	Safety devices input		
		K10R	Magnetic relay (J1HC)	SENPH	Pressure sensor (High)		
		L1R	Reactor	SENPL	Pressure sensor (Low)		
		M1C	Motor (Compressor)	SS1	Selector switch (C/H select)		
		M1F	Motor (Fan)	S1PH	Pressure switch (High)		

Field wiring

L1, L2, L3 : Live
N : Neutral
□ : Connector
○ : Wire clamp
□ : Terminal
⊕ : Protective earth (screw)

COLORS : BLK : Black
BLU : Blue
BRN : Brown
GRN : Green
PNK : Pink
RED : Red
WHT : White
GRY : Gray
ORG : Orange
YLW : Yellow

NOTES

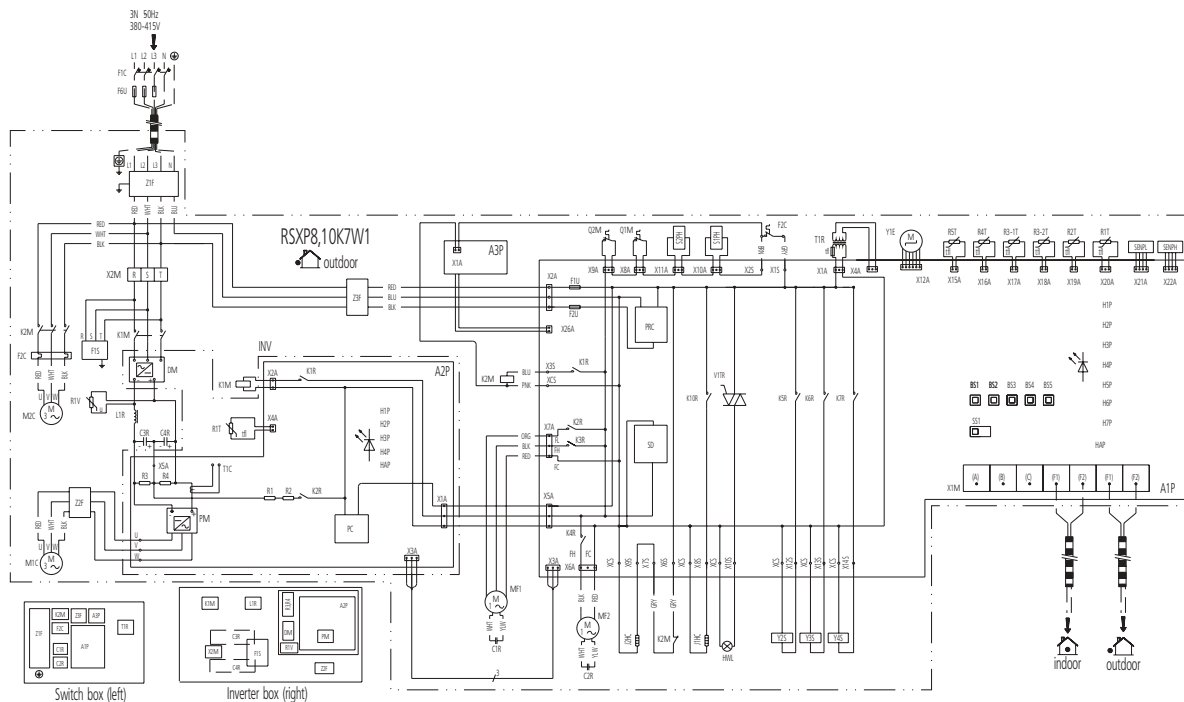
- Use copper conductors only.
- For connection wiring to indoor-outdoor transmission input F1-F2, outdoor-outdoor transmission outputs F1-F2, refer to the installation manual attached to the centralised remote control, when connecting the centralised remote control.

2TW22526-1A

7 Wiring diagrams

7-1 Cooling only

RSXP8,10K7W1



A1P, A2P, A3P	Printed circuit board	HAP	Light emitting diode (Service monitor-green) (A2P)	PRC	Phase reversal detect circuit	T1R	Transformer (220-240V/22V)
BS1-5	Push button switch (Mode, Set, Return, Wiring check, Reset)	HWL	Pilot lamp (Alarm-white)	Q1M, Q2M	Thermal protector (Klixon) (MF1, MF2)	V1TR	Solid state relay
C1R-4R	Capacitor	INV	Inverter	R1-4	Resistor	X1M	Terminal strip
DM	Diode module	J1HC, J2HC	Crankcase heater	R1T	Thermistor (Fin) (A2P)	X2M	Terminal board
F1C	Earth leak detector	K1M, K2M	Compressor contactor (M1C, M2C)	R1T	Thermistor (Air) (A1P)	Y1E	Expansion valve (Elec. type)
F1S	Surge arrester	K1R, K2R	Magnetic relay (A2P)	R2T	Thermistor (Coil)	Y2S	Solenoid valve (hot gas)
F1U,F2U	Fuse (250V, 10A)	K1R	Magnetic relay (K2M)	R3-1T,-2T	Thermistor (Discharge)	Y3S	Solenoid valve (Injection M1C)
F6U	Field fuse	K2R, K3R	Magnetic relay (M1F) (A1P)	R4T	Thermistor (Suction)	Y4S	Solenoid valve (Injection M2C)
H1P-7P	Light emitting diode (Service monitor-orange) (A1P)	K4R-10R	Magnetic relay	R5T	Thermistor (Oil)	Z1F-3F	Noise filter
H1P-4P	Light emitting diode (Service monitor-red) (A2P)	L1R	Reactor	R1V	Varistor		
HAP	Light emitting diode (Service monitor-green) (A1P)	M1C, M2C	Motor (Compressor)	SD	Safety devices input		
		M1F, M2F	Motor (fan)	SENP	Pressure sensor (High)		
		PC	Power circuit	SENP	Pressure sensor (Low)		
		PM	Power module	SS1	Selector switch (Cool/heat select)		
				S1PH,2PH	Pressure switch (High)		
				T1C	DC current transformer		

Field wiring

L1, L2, L3 : Live
N : Neutral
• : Connector
• : Wire clamp
□ : Terminal
⊕ : Protective earth (screw)

COLORS : BLK : Black
BLU : Blue
BRN : Brown
GRN : Green
PNK : Pink
RED : Red
WHT : White
GRY : Gray
ORG : Orange
YLW : Yellow

NOTES

- Use copper conductors only.
- For connection wiring to indoor-outdoor transmission input F1-F2, outdoor-outdoor transmission outputs F1-F2, refer to the installation manual attached to the centralised remote control, when connecting the centralised remote control.

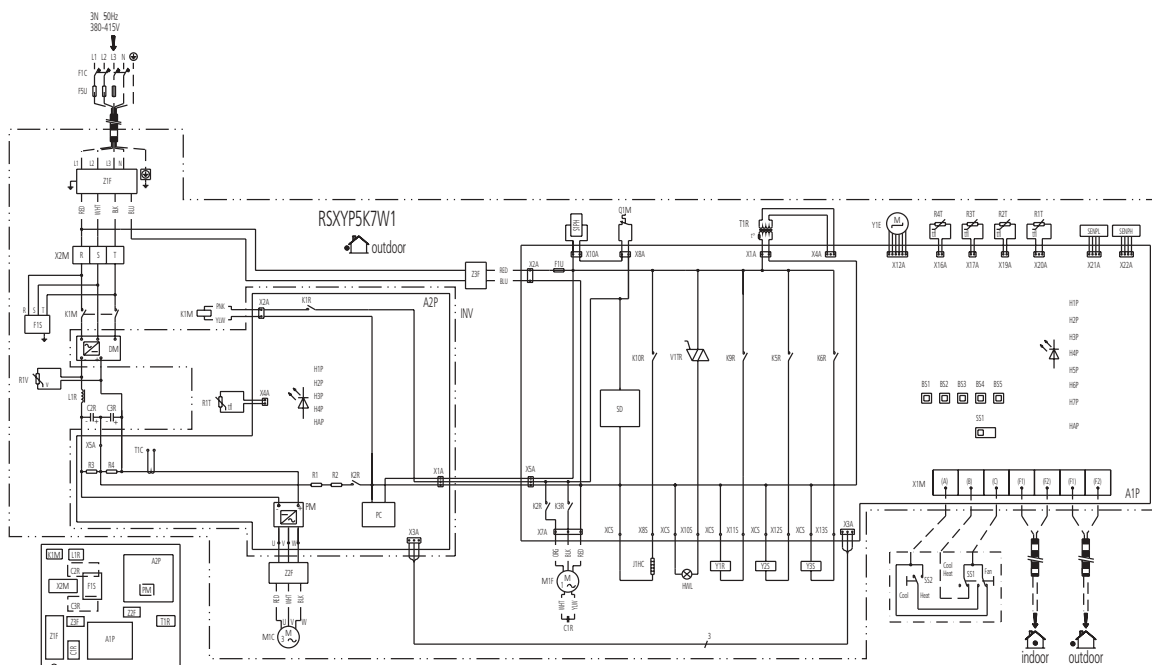
2TW22536-1A

7 Wiring diagrams

7-2 Heat pump

7

RSXP5K7W1



A1P, A2P	Printed circuit board	HAP	Light emitting diode (Service monitor-green) (A2P)	PC	Power circuit	T1C	DC current transformer
B51-5	Push button switch (Mode, Set, Return, Wiring check, Reset)	HWL	Pilot lamp (Alarm-white)	PM	Power module	T1R	Transformer (220-240V/22V)
C1R-3R	Capacitor	INV	Inverter (A2P)	R1-4	Resistor	V1TR	Triac
DM	Diode module	J1HC	Crankcase heater	R1T	Thermistor (Fin) (A2P)	X1M	Terminal strip
F1C	Earth leak detector	K1M	Compressor contactor (M1C)	R1T	Thermistor (Air) (A1P)	X2M	Terminal board
F1S	Surge arrester	K1R, K2R	Magnetic relay (A2P)	R2T	Thermistor (Coil)	Y1E	Expansion valve (Electronic type)
F1U	Fuse (250V,10A)	K2R, K3R	Magnetic relay (M1F)	R3T	Thermistor (Discharge)	Y1R	4-way valve
F5U	Field fuse	K5R	Magnetic relay (Y2S)	R4T	Thermistor (Suction)	Y2S	Solenoid valve (Hot gas)
H1P-7P	Light emitting diode (Service monitor-orange) (A1P)	K6R	Magnetic relay (Y3S)	R1V	Varistor	Y3S	Solenoid valve (Injection M1C)
H1P-4P	Light emitting diode (Service monitor-red) (A2P)	K9R	Magnetic relay (Y1R)	SD	Safety devices input	Z1-3F	Noise filter
HAP	Light emitting diode (Service monitor-green) (A1P)	K10R	Magnetic relay (J1HC)	SENPH	Pressure sensor (High)		Optional parts
		L1R	Reactor	SENPL	Pressure sensor (Low)		Cool/heat selector
		M1C	Motor (Compressor)	SS1	Selector switch (C/H select)		SS1 Selector switch (Fan/cool, heat)
		M1F	Motor (Fan)	SS2	Selector switch (C/H select)		SS2 Selector switch (Cool/heat)
				S1PH	Pressure switch (High)		

Field wiring

L1, L2, L3 : Live
N : Neutral
□ : Connector
○ : Wire clamp
□ : Terminal
⊕ : Protective earth (screw)

COLORS : BLK : Black
BLU : Blue
BRN : Brown
GRN : Green

PNK : Pink
RED : Red
WHT : White

GRY : Gray
ORG : Orange
YLW : Yellow

NOTES

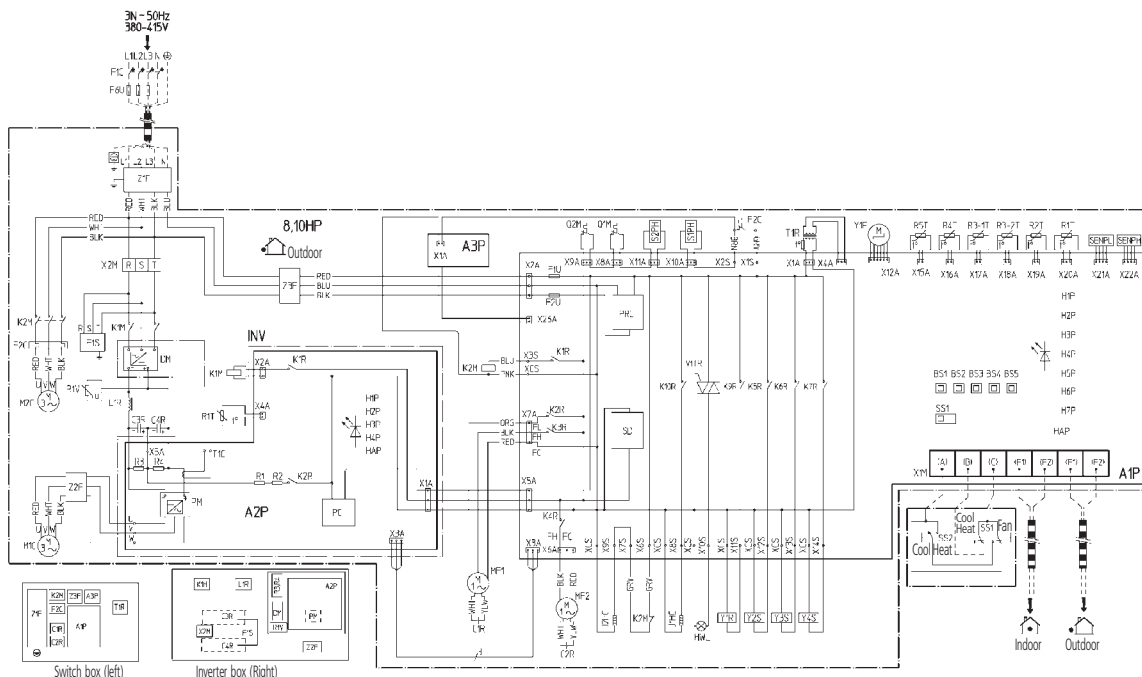
- Use copper conductors only.
- For connection wiring to indoor-outdoor transmission input F1-F2, outdoor-outdoor transmission outputs F1-F2, refer to the installation manual attached to the centralised remote control, when connecting the centralised remote control.

2TW22556-1B

7 Wiring diagrams

7-2 Heat pump

RSXYP8,10K7W1



A1P, A2P, A3P	Printed circuit board	HAP	Light emitting diode (Service monitor-green) (A2P)	Q1M,Q2M	Thermal protector (Klixon) (MF1, MF2)	X2M	Terminal board
BS1-5	Push button switch (Mode, Set, Return, Wiring check, Reset)	HWL	Pilot lamp (Alarm-white)	R1-4	Resistor	R2T	Thermistor (Coil)
C1R-4R	Capacitor	INV	Inverter	R1T	Thermistor (Fin) (A2P)	R3-1T, 2T	Thermistor (Discharge)
DM	Diode module	J1HC, J2HC	Crankcase heater	R4T	Thermistor (Suction)	Y1E	Expansion valve (Elec. type)
F1C	Earth leak detector	K1M,K2M	Compressor contactor (M1C, M2C)	R5T	Thermistor (Oil)	Y2S	Solenoid valve (Hot gas)
F1S	Surge arrester	K1R, K2R	Magnetic relay (A2P)	R1V	Varistor	Y3S	Solenoid valve (Injection M1C)
F2C	Over-current relay (M2C)	K1R	Magnetic relay (K2M)	SD	Safety devices input	Y4S	Solenoid valve (Injection M2C)
F1U, F2U	Fuse (250V, 10A)	K2R, K3R	Magnetic relay (M1F) (A1P)	SENPH	Pressure sensor (High)	Z1F-3F	Noise filter
F6U	Field fuse	K4R-10R	Magnetic relay	SENPL	Pressure sensor (Low)	Optional parts	
H1P-7P	Light emitting diode (Service monitor-orange) (A1P)	LTR	Reactor	SS1	Selector switch (Cool/heat select)	SS1	Cool/heat selector
H1P-4P	Light emitting diode (Service monitor-red) (A2P)	M1C, M2C	Motor (compressor)	S1PH,2PH	Pressure switch (High)	SS2	Selector switch (Fan/cool, heat)
HAP	Light emitting diode (Service monitor-green) (A1P)	M1F, M2F	Motor (fan)	T1C	DC Current transformer		
		PC	Power circuit	T1R	Transformer (220-240V-22V)		
HAP	Light emitting diode (Service monitor-green) (A1P)	PM	Power module	V1TR	Solid state relay		
		PRC	Phase reversal detect circuit	X1M	Terminal strip		

Field wiring

L1, L2, L3 : Live
N : Neutral
□ : Connector
○ : Wire clamp
□ : Terminal
⊕ : Protective earth (screw)

COLORS : BLK : Black
BLU : Blue
BRN : Brown
GRN : Green

PNK : Pink
RED : Red
WHT : White

GRY : Gray
ORG : Orange
YLW : Yellow

NOTES

- Use copper conductors only.
- For connection wiring to indoor-outdoor transmission input F1-F2, outdoor-outdoor transmission outputs F1-F2, refer to the installation manual attached to the centralised remote control, when connecting the centralised remote control.

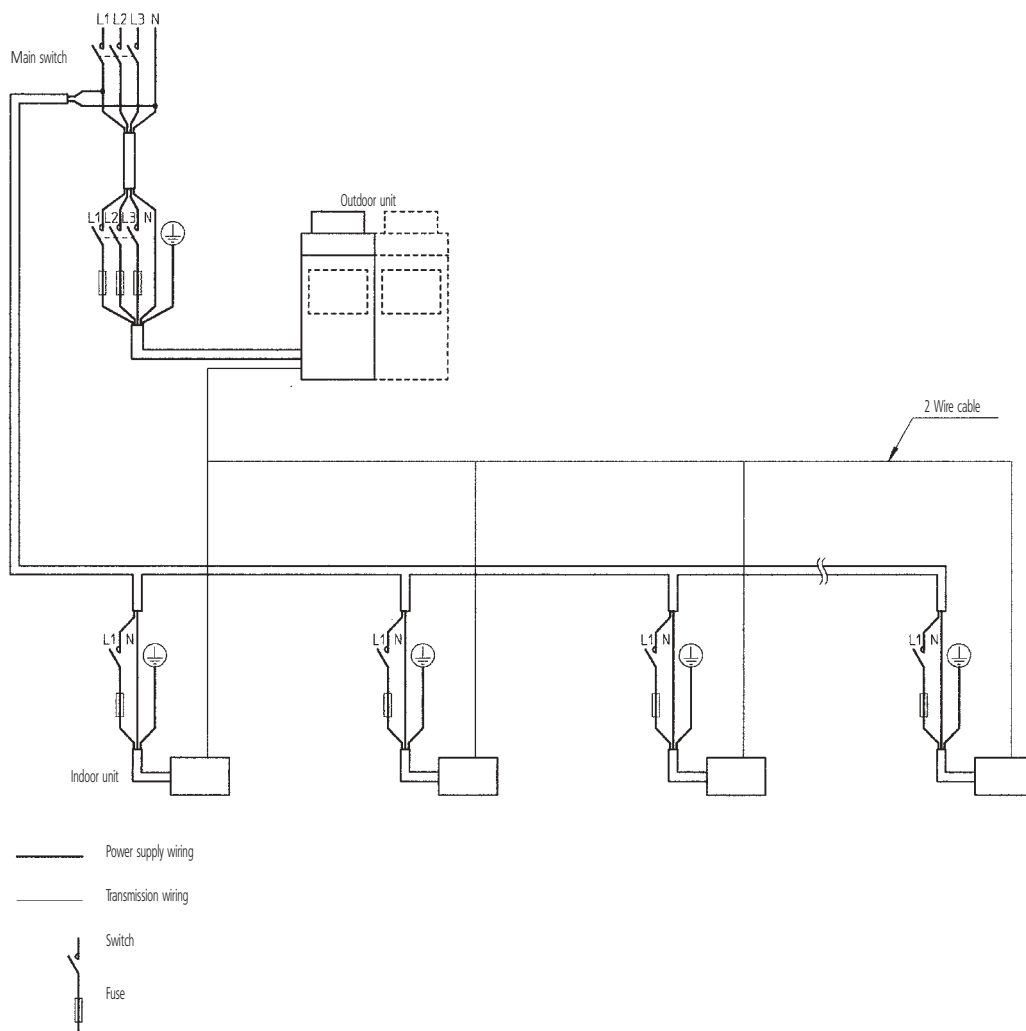
2TW22566-1C

7 Wiring diagrams

7-3 External connection diagram

7

RSXY(Y)-K7W1



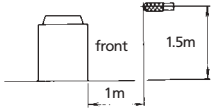
NOTES

- 1 All used wiring components and materials must comply with the applicable local and national regulations.
- 2 Use copper conductors only.
- 3 For more details, see wiring diagram.
- 4 Install a circuit breaker for safety.
- 5 All field wiring and components must be provided by a licensed electrician.
- 6 The unit shall be grounded in compliance with the applicable local and national codes.
- 7 The wirings are only general points of connection guides and are not intended to include all details for a specific installation.
- 8 Install the main switch that can interrupt all power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
- 9 Install the switch and the fuse to the power line of each equipment.

3TW21069-6

8 Sound level

8-1 Measuring conditions

Model	Sound pressure level		Sound power level
	380 V, 50 Hz	Measuring location	
RSXP5K7W1	54		*
RSXP8K7W1	57		*
RSXP10K7W1	58		*
RSXYP5K7W1	54		*
RSXYP8K7W1	57		*
RSXYP10K7W1	58		*

NOTES

- Reference acoustic pressure 0dB=20Pa.
 - Operation sound differs with operation and ambient conditions.
- * Data were not available at the time of publication

8-2 Sound pressure spectrum

○ --- ○ 50 Hz
○ — ○ 60 Hz

RSX(Y)P5K7W1

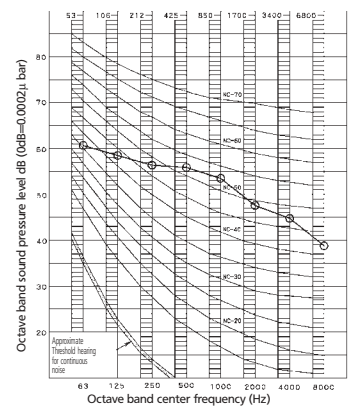
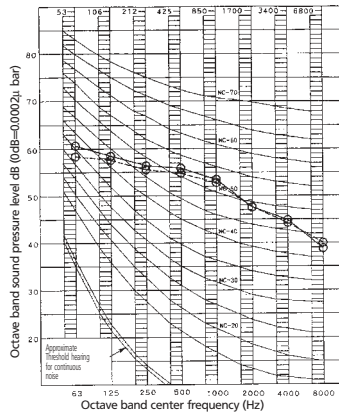
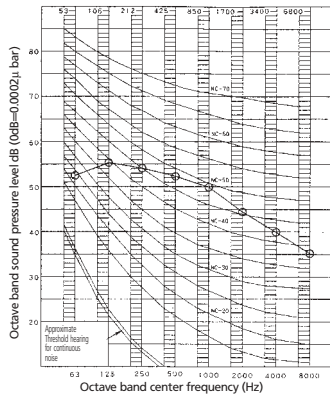
DU229-4110

RSX(Y)P8K7W1

DU223-470

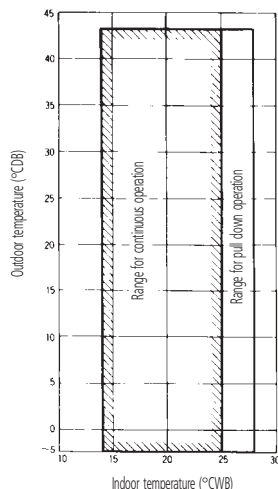
RSX(Y)P10K7W1

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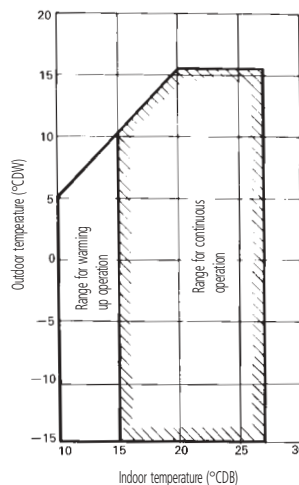


9 Operation range

Cooling



Heating



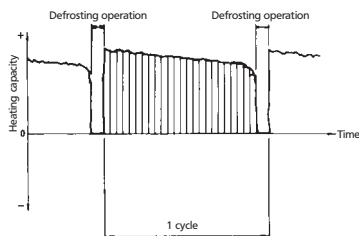
NOTES

- These figures assume the following operation conditions:
Indoor and outdoor units:
Equivalent pipe length: 10m
Level difference: 0m

NOTES FOR HEATING CAPACITY CHARACTERISTICS

- The tables do not take account of the reduction in capacity when frost has accumulated or while the defrosting operation is in progress. The capacity values which take these factors into account, in other words the integrated heating capacity values, can be calculated as follows:
Formula: Integrated heating capacity = A
Value given in table of capacity characteristics = B
Integrating correction factor for frost accumulation (kW) = C
 $A = B \times C$
- Correction factor for finding integrated heating capacity

Inlet port temperature of heat exchanger (°C/RH 85%)	-7	-5	-3	0	3	5	7
Integrating correction factor for frost accumulation	0.96	0.93	0.87	0.81	0.83	0.89	1.0



NOTES

- The figure shows that the integrated heating capacity expresses the integrated heating capacity for a single cycle (from defrost operation to defrost operation) in terms of time.

- Please note that when there is an accumulation of snow against the outside surface of the outdoor unit heat exchanger, there will always be a temporary reduction in capacity although this will, of course, vary in degree in accordance with a number of other factors such as the outdoor temperature (°CDB), relative humidity (RH) and the amount of frosting which occurs

2

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



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.

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

Specifications are subject to change without prior notice

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