DAIKIN

technical data

air conditioning systems

VRV Cooling only system

RXQ-P7W1B(A)

VRV III

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RXQ5-18P7W1B(A)

1 Specifications

1-1 TECHNICAL SPECIFICATIONS				RXQ5P7W1B	RXQ8P7W1B	RXQ10P7W1B	RXQ12P7W1B
Capacity	Cooling		kW	14.0	22.4	28.0	33.5
COP	Cooling			3.98	4.03	3.77	3.48
Capacity range			HP	5	8	10	12
Power input (nominal)	Cooling		kW	3.52	5.56	7.42	9.62
PED category				Category II			
Max n° of indoor units to be connected				8	13	16	19
Indoor index connection	Minimum			62.5	100	125	150
	Maximum			162.5	260	325	390
Casing	Colour			Daikin White			
	Material			Painted galvanised steel			
Dimensions	Packing	Height	mm	1,855			
		Width	mm	796	1,055	1,055	1,055
		Depth	mm	765	765	765	765
	Unit	Height	mm	1,680			
		Width	mm	635	930	930	930
		Depth	mm	765	765	765	765
Weight	Unit		kg	157	185	238	238
	Packed Unit		kg	180	215	271	271
Packing	Material			Carton			
	Weight		kg	3.80	4.02	4.02	4.02
	Material			Wood			
	Weight		kg	19.15	20.85	20.85	20.85
	Material			Plastic			
	Weight		kg	0.215	0.265	0.265	0.265
Heat Exchanger	Dimensions	Length	mm	1,483	1,778	1,778	1,778
		Nr of Rows		54	54	54	54
		Fin Pitch	mm	2.00	2.00	2.00	2.00
		Nr of Passes		8	18	18	18
		Face Area	m²	1.762	2.112	2.112	2.112
		Nr of Stages		2	2	2	2
	Tube type			Hi-XSS (8)			
	Fin	Fin type		Non-symmetric waffle louvre			
		Treatment		Hydrophylic and anti corrosion resistant			
Fan	Type			Propeller			
	Quantity			1	1	1	1
	Air Flow Rate (nominal at 230V)	Cooling	m³/min	95	171	185	196
	External static pressure		Pa	78 Pa in high static pressure			
	Discharge direction			Vertical			
	Motor	Quantity		1	1	1	1
		Model		Brushless DC			
		Output motor	W	350	750	750	750
Compressor	Quantity			1	1	2	2
	Motor	Quantity		1	1	1	1
		Model		Inverter			
		Type		Hermetically sealed scroll compressor			
		Speed	rpm	6,300	7,980	6,300	6,300
		Motor Output	kW	2.8	3.8	1.2	2.8
		Crankcase Heater	W	33	33	33	33
		Quantity				1	1
		Model				ON - OFF	ON - OFF
		Type				Hermetically sealed scroll compressor	Hermetically sealed scroll compressor
		Speed	rpm			2,900	2,900
		Motor Output	kW			4.5	4.5
		Crankcase Heater	W			33	33

1 Specifications

1-1 TECHNICAL SPECIFICATIONS				RXQ5P7W1B	RXQ8P7W1B	RXQ10P7W1B	RXQ12P7W1B
Operation Range	Cooling	Min	°CDB	-5.0	-5.0	-5.0	-5.0
		Max	°CDB	43.0	43.0	43.0	43.0
Sound Level	Cooling	Sound Power	dBA	72	78	78	80
		Sound Pressure	dBA	54	57	58	60
Refrigerant	Name			R-410A			
	Charge		kg	6.2	7.7	8.4	8.6
	Control			Expansion valve (electronic type)			
	Nr of Circuits			1	1	1	1
Refrigerant Oil	Name			Synthetic (ether) oil			
	Charged Volume		l	1.7	2.1	3.9	3.9
Piping connections	Liquid (OD)	Type		Braze connection			
		Diameter (OD)	mm	9.5	9.5	9.5	12.7
	Gas	Type		Braze connection			
		Diameter (OD)	mm	15.9	19.1	22.2	28.6
	Heat Insulation			Both liquid and gas pipes			
Capacity Control Method				Inverter controlled			
Capacity Control				~ 100			
Safety devices				HPS			
				Fan motor driver overload protector			
				Over current relay			
				Inverter overload protector			
				PC board fuse			
Standard Accessories	Standard Accessories			Installation and operation manual			
	Quantity			1	1	1	1
	Standard Accessories			Connection pipes			
	Quantity			4	4	4	4
Notes				Nominal cooling capacities are based on : indoor temperature : 27°CDB, 19°CWB, outdoor temperature : 35°CDB, equivalent refrigerant piping : 7.5m, level difference : 0m.			
				Sound pressure			
				Sound values			
				Sound values are measured in a semi-anechoic room.			

1 Specifications

1-1 TECHNICAL SPECIFICATIONS				RXQ14P7W1BA	RXQ16P7W1BA	RXQ18P7W1BA
Capacity	Cooling		kW	40.0	45.0	49.0
COP	Cooling			3.23	3.17	3.02
Capacity range			HP	14	16	18
Power input (nominal)	Cooling		kW	12.4	14.2	16.2
PED category				Category II		
Max n° of indoor units to be connected				23	26	29
Indoor index connection	Minimum			175	200	225
	Maximum			455	520	585
Casing	Colour			Daikin White		
	Material			Painted galvanised steel		
Dimensions	Packing	Height	mm	1,855		
		Width	mm	1,365		
		Depth	mm	765	765	765
	Unit	Height	mm	1,680		
		Width	mm	1,240		
		Depth	mm	765	765	765
Weight	Unit		kg	314	314	322
	Packed Unit		kg	354	354	362
Packing	Material			Carton		
	Weight		kg	6.35	6.35	6.35
	Material			Wood		
	Weight		kg	23.55	23.55	23.55
	Material			Plastic		
	Weight		kg	0.330	0.330	0.330
Heat Exchanger	Dimensions	Length	mm	2,088		
		Nr of Rows		54	54	54
		Fin Pitch	mm	2.00	2.00	2.00
		Nr of Passes		21	21	21
		Face Area	m²	2.481	2.481	2.481
		Nr of Stages		2	2	2
	Tube type			Hi-XSS (8)		
	Fin	Fin type		Non-symmetric waffle louvre		
		Treatment		Hydrophylic and anti corrosion resistant		
Fan	Type			Propeller		
	Quantity			2	2	2
	Air Flow Rate (nominal at 230V)	Cooling	m³/min	233	233	239
	External static pressure		Pa	78 Pa in high static pressure		
	Discharge direction			Vertical		
	Motor	Quantity		2	2	2
		Model		Brushless DC		
		Output motor	W	2 x 350	2 x 350	2 x 750
Compressor	Quantity			3	3	3
	Motor	Quantity		1	1	1
		Model		Inverter		
		Type		Hermetically sealed scroll compressor		
		Speed	rpm	6,300	6,300	7,980
		Motor Output	kW	0.3	1.4	3.0
		Crankcase Heater	W	33	33	33
		Quantity		2	2	2
		Model		ON - OFF		
		Type		Hermetically sealed scroll compressor		
		Speed	rpm	2,900		
		Motor Output	kW	4.5	4.5	4.5
		Crankcase Heater	W	33	33	33

1 Specifications

1-1 TECHNICAL SPECIFICATIONS				RXQ14P7W1BA	RXQ16P7W1BA	RXQ18P7W1BA
Operation Range	Cooling	Min	°CDB	-5.0	-5.0	-5.0
		Max	°CDB	43.0	43.0	43.0
Sound Level	Cooling	Sound Power	dBA	80	80	83
		Sound Pressure	dBA	60	60	63
Refrigerant	Name			R-410A		
	Charge		kg	11.3	11.5	11.7
	Control			Expansion valve (electronic type)		
	Nr of Circuits			1	1	1
Refrigerant Oil	Name			Synthetic (ether) oil		
	Charged Volume		l	5.7	5.7	5.8
Piping connections	Liquid (OD)	Type		Braze connection		
		Diameter (OD)	mm	12.7	12.7	15.9
	Gas	Type		Braze connection		
		Diameter (OD)	mm	28.6	28.6	28.6
	Heat Insulation			Both liquid and gas pipes		
Capacity Control Method				Inverter controlled		
Capacity Control				~ 100		
Safety devices				HPS		
				Fan motor driver overload protector		
				Over current relay		
				Inverter overload protector		
				PC board fuse		
Standard Accessories	Standard Accessories			Installation and operation manual		
	Quantity			1	1	1
	Standard Accessories			Connection pipes		
	Quantity			4	4	4
Notes				Nominal cooling capacities are based on : indoor temperature : 27°CDB, 19°CWB, outdoor temperature : 35°CDB, equivalent refrigerant piping : 7.5m, level difference : 0m.		
				Sound pressure		
				Sound values		
				Sound values are measured in a semi-anechoic room.		

1 Specifications

1-2 ELECTRICAL SPECIFICATIONS				RXQ5P7W1B	RXQ8P7W1B	RXQ10P7W1B	RXQ12P7W1B
Power Supply	Name			W1			
	Phase			3N			
	Frequency		Hz	50	50	50	50
	Voltage		V	400	400	400	400
Current	Nominal running current (RLA)	Cooling	A	5.1	7.5	11.3	14.0
	Starting current (MSC)		A			74	75
	Minimum circuit amps (MCA)		A	11.9	18.5	21.6	22.7
	Maximum fuse amps (MFA)		A	16	25	25	25
	Total overcurrent amps (TOCA)		A	15.6	16.5	31.5	31.5
	Full load amps (FLA)		A	0.4	0.7	0.9	0.9
Voltage range	Minimum		V	360	360	360	360
	Maximum		V	440	440	440	440
Wiring connections	For Power Supply	Quantity		5	5	5	5
		Remark		Earth wire included			
	For connection with indoor	Quantity		2	2	2	2
		Remark		F1 - F2			
Power Supply Intake				Both indoor and outdoor unit			
Notes				MCA/MFA : MCA = 1.25 x maximum RLA + other RLA + EA FLA, MCA <= 2.25 x maximum RLA + other RLA + EA FLA, next lower standard fuse rating minimum 16A			
				MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)			
				MSC means the maximum current during start up of the compressor			
				Maximum allowable voltage range variation between phases is 2%			
				RLA is based on following conditions : indoor temperature : 270CDB/190CWB , outdoor temperature : 350CDB			
				Select wire size based on the value of MCA or TOCA			
				TOCA means the total value of each OC set			
				Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits			

1 Specifications

1-2 ELECTRICAL SPECIFICATIONS				RXQ14P7W1BA	RXQ16P7W1BA	RXQ18P7W1BA
Power Supply	Name			W1		
	Phase			3N		
	Frequency		Hz	50	50	50
	Voltage		V	400	400	400
Current	Nominal running current (RLA)	Cooling	A	18.4	21.3	24.2
	Starting current (MSC)		A	84	85	85
	Minimum circuit amps (MCA)		A	31.5	31.5	32.5
	Maximum fuse amps (MFA)		A	40	40	40
	Total overcurrent amps (TOCA)		A	46.4	46.4	48.3
	Full load amps (FLA)		A	1.2	1.2	1.4
Voltage range	Minimum		V	360	360	360
	Maximum		V	440	440	440
Wiring connections	For Power Supply	Quantity		5	5	5
		Remark		Earth wire included		
	For connection with indoor	Quantity		2	2	2
		Remark		F1 - F2		
Power Supply Intake				Both indoor and outdoor unit		
Notes				MCA/MFA : MCA = 1.25 x maximum RLA + other RLA + EA FLA, MCA <= 2.25 x maximum RLA + other RLA + EA FLA, next lower standard fuse rating minimum 16A		
				MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)		
				MSC means the maximum current during start up of the compressor		
				Maximum allowable voltage range variation between phases is 2%		
				RLA is based on following conditions : indoor temperature : 270CDB/190CWB , outdoor temperature : 350CDB		
				Select wire size based on the value of MCA or TOCA		
				TOCA means the total value of each OC set		
				Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits		

2 Options

RXQ-P

No.	Item	RXQ5P	RXQ8P RXQ10P	RXQ12P	RXQ14P RXQ16P RXQ18P
1	COOL/HEAT SELECTOR	KRC19-26A6			
2	FIXING BOX	KJB111A			
3	REFNET HEADER	KHRQ22M29H			
				KHRQ22M64H	
4	REFNET JOINT	KHRQ22M20T			
			KHRS22M29T9		
				KHRQ22M64T	
5	OUTDOOR MULTI CONNECTION KIT FOR 2 OUTDOOR UNITS	-	-	-	-
6	OUTDOOR MULTI CONNECTION KIT FOR 3 OUTDOOR UNITS	-	-	-	-
7	CENTRAL DRAIN PAN KIT	KWC26B160	KWC26B280		KWC26B450
8	DIGITAL PRESSURE GAUGE KIT	BJGP26A1			
9	INCREASE HEIGHT DIFFERENCE BETWEEN INDOOR & OUTDOOR TO 90m (See note 5)	-	EKLD90D12		EKLD90P18

4TW27231-1C

NOTES

1 All options are kits.
2 The option should be installed inside the outdoor unit.

3 Capacity tables

3 - 1 Cooling capacity tables

RXQ5P

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

Combination (%)	Capacitry index (kW)	Outdoor air temp.	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
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	18.20	10	12.3	1.62	14.6	1.98	17.0	2.36	17.6	2.41	17.9	2.36	18.3	2.26	18.7	2.16
		12	12.3	1.65	14.6	2.02	17.0	2.40	17.4	2.40	17.6	2.35	18.1	2.25	18.5	2.21
		14	12.3	1.68	14.6	2.06	17.0	2.43	17.2	2.38	17.4	2.33	17.8	2.32	18.3	2.34
		16	12.3	1.71	14.6	2.10	16.7	2.42	16.9	2.41	17.2	2.42	17.6	2.44	18.1	2.46
		18	12.3	1.75	14.6	2.14	16.5	2.52	16.7	2.53	16.9	2.54	17.4	2.57	17.8	2.59
		20	12.3	1.78	14.6	2.28	16.3	2.64	16.5	2.65	16.7	2.66	17.2	2.69	17.6	2.72
		21	12.3	1.83	14.6	2.36	16.2	2.70	16.4	2.71	16.6	2.73	17.0	2.75	17.5	2.78
		23	12.3	1.96	14.6	2.53	15.9	2.82	16.2	2.84	16.4	2.85	16.8	2.88	17.3	2.91
		25	12.3	2.10	14.6	2.71	15.7	2.95	15.9	2.96	16.1	2.98	16.6	3.01	17.0	3.04
		27	12.3	2.24	14.6	2.90	15.5	3.07	15.7	3.09	15.9	3.10	16.4	3.14	16.8	3.17
		29	12.3	2.39	14.6	3.10	15.2	3.19	15.5	3.21	15.7	3.23	16.1	3.26	16.6	3.30
		31	12.3	2.55	14.6	3.28	15.0	3.32	15.2	3.34	15.5	3.36	15.9	3.39	16.3	3.43
		33	12.3	2.72	14.3	3.41	14.8	3.45	15.0	3.46	15.2	3.48	15.7	3.52	16.1	3.56
		35	12.3	2.90	14.1	3.53	14.6	3.57	14.8	3.59	15.0	3.61	15.5	3.65	15.9	3.69
		37	12.3	3.08	13.9	3.66	14.3	3.70	14.6	3.72	14.8	3.74	15.2	3.78	15.7	3.83
		39	12.3	3.28	13.7	3.78	14.1	3.83	14.3	3.85	14.6	3.87	15.0	3.92	15.4	3.96
120	16.80	10	11.3	1.48	13.5	1.81	15.7	2.15	16.8	2.33	17.6	2.42	18.0	2.33	18.4	2.24
		12	11.3	1.51	13.5	1.84	15.7	2.19	16.8	2.37	17.3	2.41	17.8	2.32	18.2	2.22
		14	11.3	1.54	13.5	1.88	15.7	2.23	16.8	2.41	17.1	2.40	17.5	2.30	17.9	2.32
		16	11.3	1.57	13.5	1.91	15.7	2.28	16.7	2.43	16.9	2.40	17.3	2.42	17.7	2.44
		18	11.3	1.60	13.5	1.95	15.7	2.36	16.5	2.51	16.7	2.52	17.1	2.55	17.5	2.57
		20	11.3	1.63	13.5	2.03	15.7	2.53	16.2	2.64	16.4	2.65	16.8	2.67	17.3	2.70
		21	11.3	1.64	13.5	2.10	15.7	2.62	16.1	2.70	16.3	2.71	16.7	2.73	17.1	2.76
		23	11.3	1.75	13.5	2.25	15.7	2.81	15.9	2.82	16.1	2.83	16.5	2.86	16.9	2.89
		25	11.3	1.88	13.5	2.41	15.5	2.93	15.7	2.94	15.9	2.96	16.3	2.99	16.7	3.01
		27	11.3	2.00	13.5	2.58	15.2	3.05	15.4	3.07	15.6	3.08	16.0	3.11	16.5	3.14
		29	11.3	2.14	13.5	2.75	15.0	3.18	15.2	3.19	15.4	3.21	15.8	3.24	16.2	3.27
		31	11.3	2.28	13.5	2.94	14.8	3.30	15.0	3.32	15.2	3.33	15.6	3.37	16.0	3.40
		33	11.3	2.42	13.5	3.13	14.5	3.42	14.8	3.44	15.0	3.46	15.4	3.49	15.8	3.53
		35	11.3	2.58	13.5	3.34	14.3	3.55	14.5	3.57	14.7	3.59	15.1	3.62	15.5	3.66
		37	11.3	2.75	13.5	3.56	14.1	3.67	14.3	3.69	14.5	3.71	14.9	3.75	15.3	3.79
		39	11.3	2.92	13.5	3.76	13.9	3.80	14.1	3.82	14.3	3.84	14.7	3.88	15.1	3.93
110	15.40	10	10.4	1.34	12.4	1.64	14.4	1.94	15.4	2.10	16.4	2.26	17.7	2.40	18.0	2.32
		12	10.4	1.37	12.4	1.67	14.4	1.98	15.4	2.14	16.4	2.30	17.4	2.39	17.8	2.30
		14	10.4	1.39	12.4	1.70	14.4	2.02	15.4	2.18	16.4	2.35	17.2	2.38	17.6	2.30
		16	10.4	1.42	12.4	1.73	14.4	2.06	15.4	2.23	16.4	2.39	17.0	2.41	17.4	2.43
		18	10.4	1.45	12.4	1.77	14.4	2.10	15.4	2.29	16.4	2.51	16.8	2.53	17.1	2.55
		20	10.4	1.47	12.4	1.80	14.4	2.22	15.4	2.46	16.2	2.63	16.5	2.65	16.9	2.68
		21	10.4	1.49	12.4	1.86	14.4	2.30	15.4	2.55	16.0	2.69	16.4	2.72	16.8	2.74
		23	10.4	1.56	12.4	1.99	14.4	2.47	15.4	2.73	15.8	2.82	16.2	2.84	16.6	2.86
		25	10.4	1.67	12.4	2.13	14.4	2.64	15.4	2.93	15.6	2.94	16.0	2.96	16.3	2.99
		27	10.4	1.78	12.4	2.27	14.4	2.83	15.2	3.05	15.4	3.06	15.7	3.09	16.1	3.12
		29	10.4	1.89	12.4	2.42	14.4	3.02	14.9	3.17	15.1	3.19	15.5	3.21	15.9	3.24
		31	10.4	2.02	12.4	2.59	14.4	3.23	14.7	3.30	14.9	3.31	15.3	3.34	15.7	3.37
		33	10.4	2.15	12.4	2.76	14.3	3.40	14.5	3.42	14.7	3.44	15.1	3.47	15.4	3.50
		35	10.4	2.28	12.4	2.94	14.1	3.53	14.3	3.54	14.4	3.56	14.8	3.60	15.2	3.63
		37	10.4	2.43	12.4	3.13	13.8	3.65	14.0	3.67	14.2	3.69	14.6	3.72	15.0	3.76
		39	10.4	2.58	12.4	3.33	13.6	3.78	13.8	3.80	14.0	3.81	14.4	3.85	14.7	3.89
100	14.00	10	9.45	1.21	11.3	1.47	13.1	1.74	14.0	1.88	14.9	2.02	16.7	2.31	17.7	2.39
		12	9.45	1.23	11.3	1.50	13.1	1.78	14.0	1.92	14.9	2.06	16.7	2.36	17.5	2.38
		14	9.45	1.26	11.3	1.53	13.1	1.81	14.0	1.95	14.9	2.10	16.7	2.40	17.2	2.37
		16	9.45	1.28	11.3	1.55	13.1	1.84	14.0	1.99	14.9	2.14	16.7	2.43	17.0	2.41
		18	9.45	1.30	11.3	1.58	13.1	1.88	14.0	2.03	14.9	2.19	16.4	2.51	16.8	2.53
		20	9.45	1.33	11.3	1.62	13.1	1.94	14.0	2.13	14.9	2.34	16.2	2.64	16.6	2.66
		21	9.45	1.34	11.3	1.63	13.1	2.01	14.0	2.21	14.9	2.43	16.1	2.70	16.4	2.72
		23	9.45	1.38	11.3	1.74	13.1	2.15	14.0	2.37	14.9	2.60	15.9	2.82	16.2	2.84
		25	9.45	1.47	11.3	1.86	13.1	2.30	14.0	2.54	14.9	2.79	15.6	2.94	16.0	2.97
		27	9.45	1.56	11.3	1.98	13.1	2.46	14.0	2.71	14.9	2.98	15.4	3.07	15.8	3.09
		29	9.45	1.67	11.3	2.12	13.1	2.62	14.0	2.90	14.9	3.16	15.2	3.19	15.5	3.22
		31	9.45	1.77	11.3	2.26	13.1	2.80	14.0	3.09	14.6	3.29	15.0	3.32	15.3	3.34
		33	9.45	1.89	11.3	2.40	13.1	2.99	14.0	3.30	14.4	3.41	14.7	3.44	15.1	3.47
		35	9.45	2.00	11.3	2.56	13.1	3.18	14.0	3.52	14.2	3.54	14.5	3.57	14.9	3.60
		37	9.45	2.13	11.3	2.72	13.1	3.39	13.8	3.64	13.9	3.66	14.3	3.69	14.6	3.73
		39	9.45	2.26	11.3	2.90	13.1	3.61	13.5	3.77	13.7	3.79	14.1	3.82	14.4	3.85

NOTES

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

2 When indoor models FXFQ20M, FXFQ25M and VKM-models are connected, the maximum connection ratio is 130%.

3 Capacity tables

3 - 1 Cooling capacity tables

RXQ5P

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

Combination (%)	Capacity index (kW)	Outdoor air temp.	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
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	12.60	10	8.50	1.09	10.1	1.31	11.8	1.55	12.6	1.67	13.4	1.79	15.1	2.05	16.7	2.31
		12	8.50	1.10	10.1	1.33	11.8	1.57	12.6	1.70	13.4	1.83	15.1	2.09	16.7	2.35
		14	8.50	1.12	10.1	1.36	11.8	1.60	12.6	1.73	13.4	1.86	15.1	2.13	16.7	2.40
		16	8.50	1.14	10.1	1.38	11.8	1.63	12.6	1.76	13.4	1.90	15.1	2.17	16.7	2.44
		18	8.50	1.16	10.1	1.41	11.8	1.67	12.6	1.80	13.4	1.94	15.1	2.21	16.4	2.51
		20	8.50	1.18	10.1	1.44	11.8	1.70	12.6	1.84	13.4	2.01	15.1	2.38	16.2	2.63
		21	8.50	1.20	10.1	1.45	11.8	1.73	12.6	1.90	13.4	2.08	15.1	2.46	16.1	2.70
		23	8.50	1.22	10.1	1.51	11.8	1.85	12.6	2.03	13.4	2.23	15.1	2.64	15.9	2.82
		25	8.50	1.28	10.1	1.61	11.8	1.98	12.6	2.18	13.4	2.38	15.1	2.83	15.6	2.94
		27	8.50	1.37	10.1	1.72	11.8	2.11	12.6	2.32	13.4	2.55	15.1	3.03	15.4	3.07
		29	8.50	1.45	10.1	1.83	11.8	2.25	12.6	2.48	13.4	2.72	14.9	3.17	15.2	3.19
		31	8.50	1.55	10.1	1.95	11.8	2.40	12.6	2.65	13.4	2.90	14.7	3.29	15.0	3.31
		33	8.50	1.64	10.1	2.07	11.8	2.56	12.6	2.82	13.4	3.10	14.4	3.41	14.7	3.44
		35	8.50	1.74	10.1	2.21	11.8	2.73	12.6	3.01	13.4	3.30	14.2	3.54	14.5	3.57
		37	8.50	1.85	10.1	2.35	11.8	2.90	12.6	3.20	13.4	3.52	14.0	3.66	14.3	3.69
		39	8.50	1.96	10.1	2.49	11.8	3.09	12.6	3.41	13.4	3.75	13.7	3.79	14.0	3.82
80	11.20	10	7.56	0.96	9.02	1.15	10.5	1.36	11.2	1.46	11.9	1.57	13.4	1.79	14.8	2.01
		12	7.56	0.98	9.02	1.17	10.5	1.38	11.2	1.49	11.9	1.60	13.4	1.82	14.8	2.05
		14	7.56	1.00	9.02	1.19	10.5	1.41	11.2	1.51	11.9	1.63	13.4	1.86	14.8	2.09
		16	7.56	1.01	9.02	1.22	10.5	1.43	11.2	1.54	11.9	1.66	13.4	1.89	14.8	2.13
		18	7.56	1.03	9.02	1.24	10.5	1.46	11.2	1.57	11.9	1.69	13.4	1.93	14.8	2.17
		20	7.56	1.05	9.02	1.26	10.5	1.49	11.2	1.60	11.9	1.72	13.4	2.00	14.8	2.33
		21	7.56	1.06	9.02	1.27	10.5	1.50	11.2	1.62	11.9	1.76	13.4	2.07	14.8	2.41
		23	7.56	1.08	9.02	1.30	10.5	1.58	11.2	1.73	11.9	1.88	13.4	2.22	14.8	2.58
		25	7.56	1.11	9.02	1.38	10.5	1.68	11.2	1.84	11.9	2.01	13.4	2.37	14.8	2.77
		27	7.56	1.18	9.02	1.47	10.5	1.79	11.2	1.97	11.9	2.15	13.4	2.54	14.8	2.96
		29	7.56	1.26	9.02	1.57	10.5	1.91	11.2	2.10	11.9	2.29	13.4	2.71	14.8	3.16
		31	7.56	1.33	9.02	1.67	10.5	2.04	11.2	2.24	11.9	2.45	13.4	2.89	14.6	3.29
		33	7.56	1.42	9.02	1.77	10.5	2.17	11.2	2.38	11.9	2.61	13.4	3.09	14.4	3.41
		35	7.56	1.50	9.02	1.88	10.5	2.31	11.2	2.54	11.9	2.78	13.4	3.29	14.2	3.53
		37	7.56	1.59	9.02	2.00	10.5	2.45	11.2	2.70	11.9	2.96	13.4	3.51	13.9	3.66
		39	7.56	1.69	9.02	2.12	10.5	2.61	11.2	2.87	11.9	3.15	13.4	3.73	13.7	3.78
70	9.80	10	6.61	0.85	7.89	1.01	9.16	1.17	9.80	1.26	10.4	1.35	11.7	1.54	13.0	1.73
		12	6.61	0.86	7.89	1.02	9.16	1.19	9.80	1.28	10.4	1.38	11.7	1.56	13.0	1.76
		14	6.61	0.87	7.89	1.04	9.16	1.22	9.80	1.31	10.4	1.40	11.7	1.59	13.0	1.79
		16	6.61	0.89	7.89	1.06	9.16	1.24	9.80	1.33	10.4	1.43	11.7	1.62	13.0	1.83
		18	6.61	0.90	7.89	1.08	9.16	1.26	9.80	1.36	10.4	1.45	11.7	1.66	13.0	1.86
		20	6.61	0.92	7.89	1.10	9.16	1.28	9.80	1.38	10.4	1.48	11.7	1.69	13.0	1.92
		21	6.61	0.93	7.89	1.11	9.16	1.30	9.80	1.40	10.4	1.50	11.7	1.71	13.0	1.98
		23	6.61	0.94	7.89	1.13	9.16	1.32	9.80	1.44	10.4	1.57	11.7	1.84	13.0	2.12
		25	6.61	0.96	7.89	1.17	9.16	1.41	9.80	1.54	10.4	1.67	11.7	1.96	13.0	2.27
		27	6.61	1.01	7.89	1.25	9.16	1.50	9.80	1.64	10.4	1.79	11.7	2.09	13.0	2.43
		29	6.61	1.08	7.89	1.32	9.16	1.60	9.80	1.75	10.4	1.90	11.7	2.23	13.0	2.59
		31	6.61	1.14	7.89	1.41	9.16	1.70	9.80	1.86	10.4	2.03	11.7	2.38	13.0	2.77
		33	6.61	1.21	7.89	1.49	9.16	1.81	9.80	1.98	10.4	2.16	11.7	2.54	13.0	2.95
		35	6.61	1.28	7.89	1.58	9.16	1.92	9.80	2.11	10.4	2.30	11.7	2.70	13.0	3.14
		37	6.61	1.35	7.89	1.68	9.16	2.04	9.80	2.24	10.4	2.44	11.7	2.88	13.0	3.35
		39	6.61	1.43	7.89	1.78	9.16	2.17	9.80	2.38	10.4	2.60	11.7	3.06	13.0	3.57
60	8.40	10	5.67	0.74	6.76	0.87	7.85	1.00	8.40	1.07	8.95	1.14	10.0	1.29	11.1	1.45
		12	5.67	0.75	6.76	0.88	7.85	1.02	8.40	1.09	8.95	1.16	10.0	1.32	11.1	1.48
		14	5.67	0.76	6.76	0.89	7.85	1.03	8.40	1.11	8.95	1.18	10.0	1.34	11.1	1.50
		16	5.67	0.77	6.76	0.91	7.85	1.05	8.40	1.13	8.95	1.21	10.0	1.37	11.1	1.53
		18	5.67	0.78	6.76	0.92	7.85	1.07	8.40	1.15	8.95	1.23	10.0	1.39	11.1	1.56
		20	5.67	0.79	6.76	0.94	7.85	1.09	8.40	1.17	8.95	1.25	10.0	1.42	11.1	1.59
		21	5.67	0.80	6.76	0.95	7.85	1.10	8.40	1.18	8.95	1.26	10.0	1.43	11.1	1.61
		23	5.67	0.81	6.76	0.96	7.85	1.12	8.40	1.20	8.95	1.29	10.0	1.49	11.1	1.71
		25	5.67	0.83	6.76	0.98	7.85	1.16	8.40	1.26	8.95	1.37	10.0	1.59	11.1	1.83
		27	5.67	0.86	6.76	1.04	7.85	1.24	8.40	1.35	8.95	1.46	10.0	1.70	11.1	1.95
		29	5.67	0.91	6.76	1.10	7.85	1.32	8.40	1.43	8.95	1.55	10.0	1.81	11.1	2.08
		31	5.67	0.96	6.76	1.17	7.85	1.40	8.40	1.52	8.95	1.65	10.0	1.92	11.1	2.22
		33	5.67	1.02	6.76	1.24	7.85	1.48	8.40	1.62	8.95	1.75	10.0	2.05	11.1	2.36
		35	5.67	1.08	6.76	1.31	7.85	1.58	8.40	1.72	8.95	1.86	10.0	2.18	11.1	2.51
		37	5.67	1.14	6.76	1.39	7.85	1.67	8.40	1.82	8.95	1.98	10.0	2.31	11.1	2.67
		39	5.67	1.20	6.76	1.47	7.85	1.77	8.40	1.93	8.95	2.10	10.0	2.46	11.1	2.84
50	7.00	10	4.72	0.63	5.63	0.73	6.54	0.84	7.00	0.89	7.46	0.95	8.37	1.07	9.28	1.19
		12	4.72	0.64	5.63	0.74	6.54	0.85	7.00	0.91	7.46	0.97	8.37	1.09	9.28	1.21
		14	4.72	0.65	5.63	0.75	6.54	0.87	7.00	0.92	7.46	0.98	8.37	1.10	9.28	1.23
		16	4.72	0.66	5.63	0.77	6.54	0.88	7.00	0.94	7.46	1.00	8.37	1.12	9.28	1.25
		18	4.72	0.67	5.63	0.78	6.54	0.89	7.00	0.95	7.46	1.02	8.37	1.14	9.28	1.28
		20	4.72	0.68	5.63	0.79	6.54	0.91	7.00	0.97	7.46	1.03	8.37	1.16	9.28	1.30
		21	4.72	0.68	5.63	0.80	6.54	0.92	7.00	0.98	7.46	1.04	8.37	1.18	9.28	1.31
		23	4.72	0.69	5.63	0.81	6.54	0.93	7.00	1.00	7.46	1.06	8.37	1.20	9.28	1.34
		25	4.72	0.70	5.63	0.82	6.54	0.95	7.00	1.02	7.46	1.09	8.37	1.26	9.28	1.43
		27	4.72	0.71	5.63	0.85	6.54	1.00	7.00	1.08	7.46	1.16	8.37	1.34	9.28	1.53
		29	4.72	0.76	5.63	0.90	6.54	1.06	7.00	1.15	7.46	1.24	8.37	1.42	9.28	1.63
		31	4.72	0.80	5.63	0.96	6.54	1.13	7.00	1.22	7.46	1.31	8.37	1.51	9.28	1.73
		33	4.72	0.84	5.63	1.01	6.54	1.19	7.00	1.29	7.46	1.39	8.37	1.61	9.28	1.84
		35	4.72	0.89	5.63	1.07	6.54	1.26	7.00	1.37	7.46	1.48	8.37	1.71	9.28	1.95
		37	4.72	0.94	5.63	1.13	6.54	1.34	7.00	1.45	7.46	1.57	8.37	1.81	9.28	2.08
		39	4.72	0.99	5.63	1.19	6.54	1.42	7.00	1.53	7.46	1.66	8.37	1.92	9.28	2.20

3 Capacity tables

3 - 1 Cooling capacity tables

RXQ8P

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

Combination (%)	Capacitry index (kW)	Outdoor air temp.	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
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	29.12	10	19.7	2.56	23.4	3.13	27.2	3.73	28.2	3.81	28.6	3.73	29.3	3.57	30.0	3.41
		12	19.7	2.61	23.4	3.19	27.2	3.80	27.8	3.79	28.2	3.71	28.9	3.55	29.6	3.49
		14	19.7	2.66	23.4	3.25	27.1	3.85	27.5	3.77	27.8	3.69	28.5	3.66	29.3	3.69
		16	19.7	2.71	23.4	3.32	26.8	3.83	27.1	3.80	27.5	3.82	28.2	3.85	28.9	3.89
		18	19.7	2.76	23.4	3.38	26.4	3.97	26.8	3.99	27.1	4.01	27.8	4.05	28.5	4.09
		20	19.7	2.82	23.4	3.60	26.0	4.17	26.4	4.19	26.7	4.21	27.5	4.25	28.2	4.29
		21	19.7	2.89	23.4	3.73	25.9	4.26	26.2	4.29	26.6	4.31	27.3	4.35	28.0	4.39
		23	19.7	3.10	23.4	4.00	25.5	4.46	25.8	4.48	26.2	4.50	26.9	4.55	27.6	4.60
		25	19.7	3.31	23.4	4.29	25.1	4.65	25.5	4.68	25.8	4.70	26.5	4.75	27.3	4.80
		27	19.7	3.54	23.4	4.58	24.8	4.85	25.1	4.88	25.5	4.90	26.2	4.95	26.9	5.00
		29	19.7	3.78	23.4	4.90	24.4	5.05	24.8	5.07	25.1	5.10	25.8	5.15	26.5	5.21
		31	19.7	4.03	23.3	5.19	24.0	5.24	24.4	5.27	24.7	5.30	25.4	5.36	26.2	5.42
		33	19.7	4.30	23.0	5.38	23.7	5.44	24.0	5.47	24.4	5.50	25.1	5.56	25.8	5.62
		35	19.7	4.58	22.6	5.58	23.3	5.64	23.7	5.67	24.0	5.71	24.7	5.77	25.4	5.83
		37	19.7	4.87	22.2	5.77	22.9	5.84	23.3	5.88	23.6	5.91	24.4	5.98	25.1	6.04
		39	19.7	5.19	21.9	5.97	22.6	6.04	22.9	6.08	23.3	6.11	24.0	6.19	24.7	6.26
120	26.88	10	18.1	2.34	21.6	2.86	25.1	3.40	26.9	3.67	28.1	3.83	28.8	3.68	29.4	3.54
		12	18.1	2.38	21.6	2.91	25.1	3.46	26.9	3.74	27.8	3.81	28.4	3.66	29.1	3.51
		14	18.1	2.43	21.6	2.97	25.1	3.53	26.9	3.81	27.4	3.79	28.0	3.64	28.7	3.66
		16	18.1	2.47	21.6	3.02	25.1	3.60	26.7	3.84	27.0	3.79	27.7	3.83	28.3	3.86
		18	18.1	2.52	21.6	3.08	25.1	3.72	26.3	3.97	26.7	3.99	27.3	4.02	28.0	4.06
		20	18.1	2.57	21.6	3.21	25.1	4.00	26.0	4.16	26.3	4.18	27.0	4.22	27.6	4.26
		21	18.1	2.60	21.6	3.32	25.1	4.14	25.8	4.26	26.1	4.28	26.8	4.32	27.4	4.36
		23	18.1	2.77	21.6	3.56	25.1	4.43	25.4	4.45	25.8	4.48	26.4	4.52	27.1	4.56
		25	18.1	2.96	21.6	3.81	24.7	4.63	25.1	4.65	25.4	4.67	26.0	4.72	26.7	4.76
		27	18.1	3.16	21.6	4.07	24.4	4.82	24.7	4.84	25.0	4.87	25.7	4.92	26.3	4.96
		29	18.1	3.37	21.6	4.35	24.0	5.02	24.3	5.04	24.7	5.07	25.3	5.12	26.0	5.17
		31	18.1	3.59	21.6	4.64	23.6	5.21	24.0	5.24	24.3	5.26	24.9	5.32	25.6	5.37
		33	18.1	3.83	21.6	4.95	23.3	5.41	23.6	5.44	23.9	5.46	24.6	5.52	25.2	5.58
		35	18.1	4.08	21.6	5.28	22.9	5.61	23.2	5.64	23.6	5.67	24.2	5.72	24.9	5.78
		37	18.1	4.34	21.6	5.62	22.5	5.80	22.9	5.84	23.2	5.87	23.9	5.93	24.5	5.99
		39	18.1	4.61	21.5	5.94	22.2	6.00	22.5	6.04	22.8	6.07	23.5	6.13	24.1	6.20
110	24.64	10	16.6	2.12	19.8	2.59	23.0	3.07	24.6	3.32	26.2	3.57	28.3	3.79	28.9	3.66
		12	16.6	2.16	19.8	2.63	23.0	3.13	24.6	3.38	26.2	3.64	27.9	3.77	28.5	3.64
		14	16.6	2.20	19.8	2.68	23.0	3.19	24.6	3.45	26.2	3.71	27.5	3.75	28.1	3.64
		16	16.6	2.24	19.8	2.74	23.0	3.25	24.6	3.52	26.2	3.78	27.2	3.80	27.8	3.83
		18	16.6	2.29	19.8	2.79	23.0	3.32	24.6	3.61	26.2	3.96	26.8	4.00	27.4	4.03
		20	16.6	2.33	19.8	2.85	23.0	3.51	24.6	3.88	25.9	4.16	26.5	4.19	27.1	4.23
		21	16.6	2.35	19.8	2.93	23.0	3.64	24.6	4.02	25.7	4.25	26.3	4.29	26.9	4.33
		23	16.6	2.46	19.8	3.14	23.0	3.90	24.6	4.31	25.3	4.45	25.9	4.49	26.5	4.52
		25	16.6	2.63	19.8	3.36	23.0	4.18	24.6	4.62	24.9	4.64	25.5	4.68	26.1	4.72
		27	16.6	2.81	19.8	3.59	23.0	4.47	24.3	4.81	24.6	4.84	25.2	4.88	25.8	4.92
		29	16.6	2.99	19.8	3.83	23.0	4.77	23.9	5.01	24.2	5.03	24.8	5.08	25.4	5.12
		31	16.6	3.18	19.8	4.08	23.0	5.10	23.5	5.20	23.8	5.23	24.4	5.28	25.0	5.33
		33	16.6	3.39	19.8	4.35	22.9	5.38	23.2	5.40	23.5	5.43	24.1	5.48	24.7	5.53
		35	16.6	3.61	19.8	4.64	22.5	5.57	22.8	5.60	23.1	5.62	23.7	5.68	24.3	5.73
		37	16.6	3.83	19.8	4.94	22.2	5.77	22.5	5.80	22.8	5.82	23.4	5.88	24.0	5.94
		39	16.6	4.08	19.8	5.26	21.8	5.96	22.1	5.99	22.4	6.02	23.0	6.08	23.6	6.14
100	22.40	10	15.1	1.92	18.0	2.32	20.9	2.75	22.4	2.97	23.9	3.20	26.8	3.66	28.3	3.78
		12	15.1	1.95	18.0	2.37	20.9	2.80	22.4	3.03	23.9	3.26	26.8	3.72	28.0	3.76
		14	15.1	1.98	18.0	2.41	20.9	2.86	22.4	3.09	23.9	3.32	26.8	3.80	27.6	3.74
		16	15.1	2.02	18.0	2.46	20.9	2.91	22.4	3.15	23.9	3.39	26.7	3.85	27.2	3.80
		18	15.1	2.06	18.0	2.50	20.9	2.97	22.4	3.21	23.9	3.45	26.3	3.97	26.9	4.00
		20	15.1	2.10	18.0	2.55	20.9	3.06	22.4	3.37	23.9	3.70	26.0	4.16	26.5	4.19
		21	15.1	2.12	18.0	2.58	20.9	3.17	22.4	3.49	23.9	3.83	25.8	4.26	26.3	4.29
		23	15.1	2.17	18.0	2.75	20.9	3.39	22.4	3.74	23.9	4.11	25.4	4.45	25.9	4.49
		25	15.1	2.32	18.0	2.94	20.9	3.63	22.4	4.01	23.9	4.40	25.0	4.65	25.6	4.69
		27	15.1	2.47	18.0	3.14	20.9	3.88	22.4	4.28	23.9	4.71	24.7	4.84	25.2	4.88
		29	15.1	2.63	18.0	3.34	20.9	4.14	22.4	4.58	23.8	5.00	24.3	5.04	24.9	5.08
		31	15.1	2.80	18.0	3.56	20.9	4.42	22.4	4.89	23.4	5.19	23.9	5.24	24.5	5.28
		33	15.1	2.98	18.0	3.80	20.9	4.72	22.4	5.21	23.0	5.39	23.6	5.43	24.1	5.48
		35	15.1	3.16	18.0	4.04	20.9	5.03	22.4	5.56	22.7	5.58	23.2	5.63	23.8	5.68
		37	15.1	3.36	18.0	4.30	20.9	5.35	22.0	5.76	22.3	5.78	22.9	5.83	23.4	5.89
		39	15.1	3.57	18.0	4.57	20.9	5.70	21.7	5.95	21.9	5.98	22.5	6.03	23.0	6.09

NOTES

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

2 When indoor models FXFQ20M, FXFQ25M and VKM-models are connected, the maximum connection ratio is 130%.

3 Capacity tables

3 - 1 Cooling capacity tables

RXQ8P

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

Combination (%)	Capacitry index (kW)	Outdoor air temp.	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
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	20.16	10	13.6	1.72	16.2	2.07	18.8	2.44	20.2	2.64	21.5	2.83	24.1	3.24	26.7	3.65
		12	13.6	1.74	16.2	2.10	18.8	2.49	20.2	2.68	21.5	2.89	24.1	3.30	26.7	3.72
		14	13.6	1.77	16.2	2.14	18.8	2.53	20.2	2.74	21.5	2.94	24.1	3.36	26.7	3.79
		16	13.6	1.81	16.2	2.18	18.8	2.58	20.2	2.79	21.5	3.00	24.1	3.43	26.7	3.85
		18	13.6	1.84	16.2	2.22	18.8	2.63	20.2	2.84	21.5	3.06	24.1	3.49	26.3	3.97
		20	13.6	1.87	16.2	2.27	18.8	2.68	20.2	2.90	21.5	3.17	24.1	3.75	25.9	4.16
		21	13.6	1.89	16.2	2.29	18.8	2.73	20.2	3.00	21.5	3.28	24.1	3.89	25.8	4.26
		23	13.6	1.93	16.2	2.38	18.8	2.92	20.2	3.21	21.5	3.52	24.1	4.17	25.4	4.45
		25	13.6	2.03	16.2	2.55	18.8	3.12	20.2	3.44	21.5	3.76	24.1	4.47	25.0	4.65
		27	13.6	2.16	16.2	2.71	18.8	3.34	20.2	3.67	21.5	4.02	24.1	4.78	24.7	4.84
		29	13.6	2.30	16.2	2.89	18.8	3.56	20.2	3.92	21.5	4.30	23.8	5.00	24.3	5.04
		31	13.6	2.44	16.2	3.08	18.8	3.80	20.2	4.18	21.5	4.59	23.4	5.20	23.9	5.24
		33	13.6	2.59	16.2	3.28	18.8	4.04	20.2	4.46	21.5	4.89	23.1	5.39	23.6	5.43
		35	13.6	2.75	16.2	3.49	18.8	4.31	20.2	4.75	21.5	5.22	22.7	5.59	23.2	5.63
		37	13.6	2.92	16.2	3.71	18.8	4.58	20.2	5.06	21.5	5.56	22.4	5.79	22.8	5.83
		39	13.6	3.10	16.2	3.94	18.8	4.88	20.2	5.39	21.5	5.92	22.0	5.98	22.5	6.03
80	17.92	10	12.1	1.52	14.4	1.82	16.8	2.14	17.9	2.31	19.1	2.48	21.4	2.82	23.7	3.18
		12	12.1	1.55	14.4	1.85	16.8	2.18	17.9	2.35	19.1	2.52	21.4	2.88	23.7	3.24
		14	12.1	1.57	14.4	1.89	16.8	2.22	17.9	2.39	19.1	2.57	21.4	2.93	23.7	3.30
		16	12.1	1.60	14.4	1.92	16.8	2.26	17.9	2.44	19.1	2.62	21.4	2.99	23.7	3.37
		18	12.1	1.63	14.4	1.96	16.8	2.30	17.9	2.49	19.1	2.67	21.4	3.05	23.7	3.43
		20	12.1	1.66	14.4	1.99	16.8	2.35	17.9	2.53	19.1	2.72	21.4	3.16	23.7	3.67
		21	12.1	1.67	14.4	2.01	16.8	2.37	17.9	2.56	19.1	2.78	21.4	3.27	23.7	3.81
		23	12.1	1.70	14.4	2.05	16.8	2.49	17.9	2.73	19.1	2.97	21.4	3.51	23.7	4.08
		25	12.1	1.76	14.4	2.18	16.8	2.66	17.9	2.91	19.1	3.18	21.4	3.75	23.7	4.37
		27	12.1	1.87	14.4	2.33	16.8	2.83	17.9	3.11	19.1	3.40	21.4	4.01	23.7	4.68
		29	12.1	1.99	14.4	2.48	16.8	3.02	17.9	3.32	19.1	3.62	21.4	4.28	23.7	5.00
		31	12.1	2.11	14.4	2.63	16.8	3.22	17.9	3.53	19.1	3.86	21.4	4.57	23.4	5.19
		33	12.1	2.24	14.4	2.80	16.8	3.42	17.9	3.76	19.1	4.12	21.4	4.87	23.0	5.39
		35	12.1	2.37	14.4	2.97	16.8	3.64	17.9	4.01	19.1	4.38	21.4	5.20	22.7	5.58
		37	12.1	2.51	14.4	3.16	16.8	3.87	17.9	4.26	19.1	4.67	21.4	5.54	22.3	5.78
		39	12.1	2.67	14.4	3.35	16.8	4.12	17.9	4.53	19.1	4.97	21.4	5.90	21.9	5.98
70	15.68	10	10.6	1.34	12.6	1.59	14.7	1.85	15.7	1.99	16.7	2.13	18.7	2.43	20.8	2.73
		12	10.6	1.36	12.6	1.61	14.7	1.89	15.7	2.03	16.7	2.17	18.7	2.47	20.8	2.78
		14	10.6	1.38	12.6	1.64	14.7	1.92	15.7	2.06	16.7	2.21	18.7	2.52	20.8	2.83
		16	10.6	1.40	12.6	1.67	14.7	1.95	15.7	2.10	16.7	2.25	18.7	2.56	20.8	2.89
		18	10.6	1.43	12.6	1.70	14.7	1.99	15.7	2.14	16.7	2.30	18.7	2.61	20.8	2.94
		20	10.6	1.45	12.6	1.73	14.7	2.03	15.7	2.18	16.7	2.34	18.7	2.67	20.8	3.03
		21	10.6	1.46	12.6	1.75	14.7	2.05	15.7	2.20	16.7	2.36	18.7	2.71	20.8	3.13
		23	10.6	1.49	12.6	1.78	14.7	2.09	15.7	2.28	16.7	2.48	18.7	2.90	20.8	3.36
		25	10.6	1.51	12.6	1.85	14.7	2.23	15.7	2.43	16.7	2.65	18.7	3.10	20.8	3.59
		27	10.6	1.60	12.6	1.97	14.7	2.37	15.7	2.59	16.7	2.82	18.7	3.31	20.8	3.84
		29	10.6	1.70	12.6	2.09	14.7	2.53	15.7	2.76	16.7	3.01	18.7	3.53	20.8	4.10
		31	10.6	1.80	12.6	2.22	14.7	2.69	15.7	2.94	16.7	3.20	18.7	3.76	20.8	4.37
		33	10.6	1.91	12.6	2.36	14.7	2.86	15.7	3.13	16.7	3.41	18.7	4.01	20.8	4.66
		35	10.6	2.02	12.6	2.50	14.7	3.04	15.7	3.33	16.7	3.63	18.7	4.27	20.8	4.97
		37	10.6	2.14	12.6	2.65	14.7	3.23	15.7	3.53	16.7	3.86	18.7	4.55	20.8	5.29
		39	10.6	2.26	12.6	2.81	14.7	3.43	15.7	3.75	16.7	4.10	18.7	4.84	20.8	5.64
60	13.44	10	9.1	1.16	10.8	1.37	12.6	1.58	13.4	1.69	14.3	1.81	16.1	2.05	17.8	2.29
		12	9.1	1.18	10.8	1.39	12.6	1.61	13.4	1.72	14.3	1.84	16.1	2.08	17.8	2.33
		14	9.1	1.20	10.8	1.41	12.6	1.63	13.4	1.75	14.3	1.87	16.1	2.12	17.8	2.38
		16	9.1	1.22	10.8	1.43	12.6	1.66	13.4	1.78	14.3	1.90	16.1	2.16	17.8	2.42
		18	9.1	1.23	10.8	1.46	12.6	1.69	13.4	1.81	14.3	1.94	16.1	2.20	17.8	2.47
		20	9.1	1.25	10.8	1.48	12.6	1.72	13.4	1.85	14.3	1.98	16.1	2.24	17.8	2.52
		21	9.1	1.26	10.8	1.49	12.6	1.74	13.4	1.86	14.3	1.99	16.1	2.26	17.8	2.54
		23	9.1	1.28	10.8	1.52	12.6	1.77	13.4	1.90	14.3	2.03	16.1	2.35	17.8	2.70
		25	9.1	1.31	10.8	1.55	12.6	1.84	13.4	2.00	14.3	2.16	16.1	2.51	17.8	2.89
		27	9.1	1.35	10.8	1.64	12.6	1.96	13.4	2.13	14.3	2.30	16.1	2.68	17.8	3.08
		29	9.1	1.43	10.8	1.74	12.6	2.08	13.4	2.26	14.3	2.45	16.1	2.85	17.8	3.29
		31	9.1	1.52	10.8	1.85	12.6	2.21	13.4	2.40	14.3	2.61	16.1	3.04	17.8	3.50
		33	9.1	1.61	10.8	1.96	12.6	2.35	13.4	2.55	14.3	2.77	16.1	3.23	17.8	3.73
		35	9.1	1.70	10.8	2.07	12.6	2.49	13.4	2.71	14.3	2.94	16.1	3.44	17.8	3.97
		37	9.1	1.80	10.8	2.20	12.6	2.64	13.4	2.88	14.3	3.12	16.1	3.65	17.8	4.22
		39	9.1	1.90	10.8	2.32	12.6	2.80	13.4	3.05	14.3	3.32	16.1	3.88	17.8	4.49
50	11.20	10	7.56	1.00	9.0	1.16	10.5	1.33	11.2	1.41	11.9	1.50	13.4	1.69	14.8	1.88
		12	7.56	1.01	9.0	1.17	10.5	1.35	11.2	1.43	11.9	1.53	13.4	1.71	14.8	1.91
		14	7.56	1.03	9.0	1.19	10.5	1.37	11.2	1.46	11.9	1.55	13.4	1.74	14.8	1.95
		16	7.56	1.04	9.0	1.21	10.5	1.39	11.2	1.48	11.9	1.58	13.4	1.77	14.8	1.98
		18	7.56	1.06	9.0	1.23	10.5	1.41	11.2	1.51	11.9	1.60	13.4	1.81	14.8	2.02
		20	7.56	1.07	9.0	1.25	10.5	1.43	11.2	1.53	11.9	1.63	13.4	1.84	14.8	2.06
		21	7.56	1.08	9.0	1.26	10.5	1.45	11.2	1.55	11.9	1.65	13.4	1.86	14.8	2.07
		23	7.56	1.09	9.0	1.28	10.5	1.47	11.2	1.57	11.9	1.68	13.4	1.89	14.8	2.12
		25	7.56	1.11	9.0	1.30	10.5	1.50	11.2	1.61	11.9	1.73	13.4	1.99	14.8	2.26
		27	7.56	1.13	9.0	1.35	10.5	1.58	11.2	1.71	11.9	1.84	13.4	2.12	14.8	2.41
		29	7.56	1.19	9.0	1.43	10.5	1.68	11.2	1.81	11.9	1.95	13.4	2.25	14.8	2.57
		31	7.56	1.26	9.0	1.51	10.5	1.78	11.2	1.92	11.9	2.07	13.4	2.39	14.8	2.73
		33	7.56	1.33	9.0	1.60	10.5	1.89	11.2	2.04	11.9	2.20	13.4	2.54	14.8	2.91
		35	7.56	1.41	9.0	1.69	10.5	2.00	11.2	2.16	11.9	2.33	13.4	2.70	14.8	3.09
		37	7.56	1.48	9.0	1.78	10.5	2.11	11.2	2.29	11.9	2.47	13.4	2.86	14.8	3.28
		39	7.56	1.56	9.0	1.88	10.5	2.24	11.2	2.42	11.9	2.62	13.4	3.04	14.8	3.48

3 Capacity tables

3 - 1 Cooling capacity tables

RXQ10P

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

Combination (%)	Capacity index (kW)	Outdoor air temp.	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
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	36.40	10	24,6	3,42	29,3	4,18	34,0	4,97	35,3	5,08	35,7	4,98	36,6	4,77	37,5	4,55
		12	24.6	3.48	29.3	4.26	34.0	5.07	34.8	5.05	35.3	4.95	36.1	4.73	37.0	4.66
		14	24.6	3.55	29.3	4.34	33.9	5.13	34.4	5.03	34.8	4.92	35.7	4.88	36.6	4.93
		16	24.6	3.61	29.3	4.43	33.5	5.11	33.9	5.07	34.3	5.09	35.2	5.14	36.1	5.19
		18	24.6	3.68	29.3	4.52	33.0	5.30	33.4	5.33	33.9	5.36	34.8	5.41	35.7	5.46
		20	24.6	3.76	29.3	4.81	32.5	5.56	33.0	5.59	33.4	5.62	34.3	5.67	35.2	5.73
		21	24.6	3.86	29.3	4.98	32.3	5.69	32.8	5.72	33.2	5.75	34.1	5.81	35.0	5.86
		23	24.6	4.14	29.3	5.34	31.9	5.95	32.3	5.98	32.7	6.01	33.6	6.07	34.5	6.13
		25	24.6	4.42	29.3	5.72	31.4	6.21	31.8	6.24	32.3	6.28	33.2	6.34	34.1	6.40
		27	24.6	4.72	29.3	6.12	31.0	6.47	31.4	6.51	31.8	6.54	32.7	6.61	33.6	6.68
		29	24.6	5.04	29.3	6.54	30.5	6.73	30.9	6.77	31.4	6.81	32.3	6.88	33.2	6.95
		31	24.6	5.38	29.2	6.92	30.0	7.00	30.5	7.04	30.9	7.07	31.8	7.15	32.7	7.23
		33	24.6	5.73	28.7	7.18	29.6	7.26	30.0	7.30	30.5	7.34	31.4	7.42	32.2	7.50
		35	24.6	6.11	28.2	7.44	29.1	7.53	29.6	7.57	30.0	7.61	30.9	7.70	31.8	7.78
		37	24.6	6.50	27.8	7.71	28.7	7.80	29.1	7.84	29.6	7.89	30.4	7.98	31.3	8.07
		39	24.6	6.92	27.3	7.97	28.2	8.06	28.7	8.11	29.1	8.16	30.0	8.25	30.9	8.35
120	33.60	10	22.7	3.12	27.0	3.81	31.4	4.53	33.6	4.90	35.2	5.11	36.0	4.91	36.8	4.72
		12	22.7	3.18	27.0	3.88	31.4	4.62	33.6	4.99	34.7	5.08	35.5	4.89	36.3	4.69
		14	22.7	3.24	27.0	3.96	31.4	4.71	33.6	5.09	34.2	5.05	35.1	4.86	35.9	4.89
		16	22.7	3.30	27.0	4.04	31.4	4.80	33.4	5.13	33.8	5.06	34.6	5.11	35.4	5.15
		18	22.7	3.36	27.0	4.12	31.4	4.96	32.9	5.30	33.3	5.32	34.1	5.37	35.0	5.42
		20	22.7	3.43	27.0	4.28	31.4	5.34	32.5	5.56	32.9	5.58	33.7	5.63	34.5	5.68
		21	22.7	3.46	27.0	4.43	31.4	5.53	32.2	5.69	32.6	5.71	33.5	5.76	34.3	5.82
		23	22.7	3.70	27.0	4.75	31.4	5.92	31.8	5.94	32.2	5.97	33.0	6.03	33.8	6.08
		25	22.7	3.95	27.0	5.08	30.9	6.18	31.3	6.20	31.7	6.23	32.6	6.29	33.4	6.35
		27	22.7	4.22	27.0	5.43	30.5	6.43	30.9	6.47	31.3	6.50	32.1	6.56	32.9	6.62
		29	22.7	4.50	27.0	5.80	30.0	6.69	30.4	6.73	30.8	6.76	31.6	6.83	32.5	6.89
		31	22.7	4.80	27.0	6.19	29.5	6.96	30.0	6.99	30.4	7.03	31.2	7.10	32.0	7.17
		33	22.7	5.11	27.0	6.60	29.1	7.22	29.5	7.26	29.9	7.29	30.7	7.37	31.5	7.44
		35	22.7	5.44	27.0	7.04	28.6	7.48	29.0	7.52	29.5	7.56	30.3	7.64	31.1	7.72
		37	22.7	5.79	27.0	7.50	28.2	7.75	28.6	7.79	29.0	7.83	29.8	7.91	30.6	8.00
		39	22.7	6.16	26.9	7.92	27.7	8.01	28.1	8.06	28.5	8.10	29.4	8.19	30.2	8.27
110	30.80	10	20.8	2.83	24.8	3.45	28.8	4.10	30.8	4.43	32.8	4.77	35.3	5.06	36.1	4.89
		12	20.8	2.89	24.8	3.52	28.8	4.18	30.8	4.52	32.8	4.86	34.9	5.04	35.6	4.86
		14	20.8	2.94	24.8	3.58	28.8	4.26	30.8	4.60	32.8	4.95	34.4	5.01	35.2	4.85
		16	20.8	2.99	24.8	3.65	28.8	4.34	30.8	4.69	32.8	5.05	34.0	5.07	34.7	5.12
		18	20.8	3.05	24.8	3.72	28.8	4.43	30.8	4.82	32.8	5.29	33.5	5.33	34.3	5.38
		20	20.8	3.11	24.8	3.80	28.8	4.69	30.8	5.18	32.3	5.55	33.1	5.59	33.8	5.64
		21	20.8	3.14	24.8	3.91	28.8	4.86	30.8	5.37	32.1	5.68	32.8	5.72	33.6	5.77
		23	20.8	3.29	24.8	4.19	28.8	5.21	30.8	5.76	31.6	5.93	32.4	5.99	33.1	6.04
		25	20.8	3.51	24.8	4.48	28.8	5.57	30.8	6.17	31.2	6.19	31.9	6.25	32.7	6.30
		27	20.8	3.74	24.8	4.79	28.8	5.96	30.3	6.43	30.7	6.45	31.5	6.51	32.2	6.57
		29	20.8	3.99	24.8	5.11	28.8	6.37	29.9	6.69	30.3	6.72	31.0	6.78	31.8	6.84
		31	20.8	4.25	24.8	5.45	28.8	6.80	29.4	6.95	29.8	6.98	30.6	7.04	31.3	7.11
		33	20.8	4.52	24.8	5.81	28.6	7.17	29.0	7.21	29.4	7.24	30.1	7.31	30.9	7.38
		35	20.8	4.81	24.8	6.19	28.1	7.43	28.5	7.47	28.9	7.51	29.6	7.58	30.4	7.65
		37	20.8	5.12	24.8	6.59	27.7	7.70	28.1	7.73	28.4	7.77	29.2	7.85	29.9	7.92
		39	20.8	5.44	24.8	7.02	27.2	7.96	27.6	8.00	28.0	8.04	28.7	8.12	29.5	8.20
100	28.00	10	18.9	2.56	22.5	3.10	26.2	3.67	28.0	3.97	29.8	4.27	33.5	4.88	35.4	5.05
		12	18.9	2.60	22.5	3.16	26.2	3.74	28.0	4.04	29.8	4.35	33.5	4.97	34.9	5.02
		14	18.9	2.65	22.5	3.22	26.2	3.81	28.0	4.12	29.8	4.43	33.5	5.07	34.5	4.99
		16	18.9	2.70	22.5	3.28	26.2	3.89	28.0	4.20	29.8	4.52	33.3	5.13	34.0	5.08
		18	18.9	2.75	22.5	3.34	26.2	3.96	28.0	4.28	29.8	4.61	32.9	5.30	33.6	5.34
		20	18.9	2.80	22.5	3.41	26.2	4.08	28.0	4.50	29.8	4.94	32.4	5.55	33.1	5.60
		21	18.9	2.83	22.5	3.44	26.2	4.23	28.0	4.66	29.8	5.11	32.2	5.68	32.9	5.73
		23	18.9	2.90	22.5	3.67	26.2	4.53	28.0	4.99	29.8	5.48	31.8	5.94	32.4	5.99
		25	18.9	3.09	22.5	3.92	26.2	4.85	28.0	5.35	29.8	5.87	31.3	6.20	32.0	6.25
		27	18.9	3.30	22.5	4.18	26.2	5.18	28.0	5.72	29.8	6.28	30.8	6.46	31.5	6.52
		29	18.9	3.51	22.5	4.46	26.2	5.53	28.0	6.11	29.7	6.67	30.4	6.73	31.1	6.78
		31	18.9	3.74	22.5	4.76	26.2	5.90	28.0	6.52	29.3	6.93	29.9	6.99	30.6	7.05
		33	18.9	3.97	22.5	5.07	26.2	6.29	28.0	6.96	28.8	7.19	29.5	7.25	30.2	7.32
		35	18.9	4.22	22.5	5.39	26.2	6.71	28.0	7.42	28.3	7.45	29.0	7.52	29.7	7.58
		37	18.9	4.49	22.5	5.74	26.2	7.15	27.5	7.68	27.9	7.72	28.6	7.79	29.2	7.85
		39	18.9	4.77	22.5	6.10	26.2	7.61	27.1	7.94	27.4	7.98	28.1	8.05	28.8	8.13

NOTES

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

2 When indoor models FXFQ20M, FXFQ25M and VKM-models are connected, the maximum connection ratio is 130%.

3 Capacity tables

3 - 1 Cooling capacity tables

RXQ10P

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

Combination (%)	Capacitry index (kW)	Outdoor air temp.	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
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	25.20	10	17.0	2.29	20.3	2.76	23.6	3.26	25.2	3.52	26.8	3.78	30.1	4.32	33.4	4.87
		12	17.0	2.33	20.3	2.81	23.6	3.32	25.2	3.58	26.8	3.85	30.1	4.40	33.4	4.96
		14	17.0	2.37	20.3	2.86	23.6	3.38	25.2	3.65	26.8	3.92	30.1	4.48	33.4	5.05
		16	17.0	2.41	20.3	2.91	23.6	3.45	25.2	3.72	26.8	4.00	30.1	4.57	33.3	5.14
		18	17.0	2.45	20.3	2.97	23.6	3.51	25.2	3.79	26.8	4.08	30.1	4.66	32.9	5.30
		20	17.0	2.50	20.3	3.03	23.6	3.58	25.2	3.87	26.8	4.23	30.1	5.01	32.4	5.55
		21	17.0	2.52	20.3	3.06	23.6	3.64	25.2	4.00	26.8	4.38	30.1	5.19	32.2	5.68
		23	17.0	2.57	20.3	3.18	23.6	3.90	25.2	4.29	26.8	4.70	30.1	5.57	31.7	5.94
		25	17.0	2.71	20.3	3.40	23.6	4.17	25.2	4.59	26.8	5.02	30.1	5.96	31.3	6.20
		27	17.0	2.88	20.3	3.62	23.6	4.45	25.2	4.90	26.8	5.37	30.1	6.38	30.8	6.46
		29	17.0	3.07	20.3	3.86	23.6	4.75	25.2	5.23	26.8	5.74	29.8	6.67	30.4	6.72
		31	17.0	3.26	20.3	4.11	23.6	5.06	25.2	5.58	26.8	6.12	29.3	6.93	29.9	6.99
		33	17.0	3.46	20.3	4.37	23.6	5.40	25.2	5.95	26.8	6.53	28.9	7.20	29.5	7.25
		35	17.0	3.68	20.3	4.65	23.6	5.75	25.2	6.34	26.8	6.96	28.4	7.46	29.0	7.52
		37	17.0	3.90	20.3	4.94	23.6	6.12	25.2	6.75	26.8	7.42	27.9	7.72	28.6	7.78
		39	17.0	4.14	20.3	5.26	23.6	6.51	25.2	7.19	26.8	7.90	27.5	7.99	28.1	8.05
80	22.40	10	15.1	2.03	18.0	2.43	20.9	2.86	22.4	3.08	23.9	3.30	26.8	3.77	29.7	4.25
		12	15.1	2.06	18.0	2.47	20.9	2.91	22.4	3.14	23.9	3.37	26.8	3.84	29.7	4.33
		14	15.1	2.10	18.0	2.52	20.9	2.96	22.4	3.19	23.9	3.43	26.8	3.91	29.7	4.41
		16	15.1	2.13	18.0	2.56	20.9	3.02	22.4	3.25	23.9	3.49	26.8	3.99	29.7	4.49
		18	15.1	2.17	18.0	2.61	20.9	3.08	22.4	3.32	23.9	3.56	26.8	4.07	29.7	4.58
		20	15.1	2.21	18.0	2.66	20.9	3.14	22.4	3.38	23.9	3.63	26.8	4.22	29.7	4.90
		21	15.1	2.23	18.0	2.68	20.9	3.17	22.4	3.42	23.9	3.71	26.8	4.37	29.7	5.08
		23	15.1	2.27	18.0	2.74	20.9	3.32	22.4	3.64	23.9	3.97	26.8	4.68	29.7	5.45
		25	15.1	2.34	18.0	2.91	20.9	3.55	22.4	3.89	23.9	4.24	26.8	5.01	29.7	5.83
		27	15.1	2.49	18.0	3.10	20.9	3.78	22.4	4.15	23.9	4.53	26.8	5.35	29.7	6.24
		29	15.1	2.65	18.0	3.30	20.9	4.03	22.4	4.42	23.9	4.84	26.8	5.71	29.7	6.67
		31	15.1	2.81	18.0	3.51	20.9	4.29	22.4	4.71	23.9	5.16	26.8	6.10	29.2	6.93
		33	15.1	2.99	18.0	3.73	20.9	4.57	22.4	5.02	23.9	5.49	26.8	6.50	28.8	7.19
		35	15.1	3.17	18.0	3.97	20.9	4.86	22.4	5.34	23.9	5.85	26.8	6.93	28.3	7.45
		37	15.1	3.36	18.0	4.21	20.9	5.17	22.4	5.69	23.9	6.23	26.8	7.39	27.9	7.71
		39	15.1	3.56	18.0	4.47	20.9	5.50	22.4	6.05	23.9	6.63	26.8	7.87	27.4	7.98
70	19.60	10	13.2	1.79	15.8	2.12	18.3	2.47	19.6	2.66	20.9	2.85	23.4	3.24	26.0	3.64
		12	13.2	1.81	15.8	2.15	18.3	2.52	19.6	2.71	20.9	2.90	23.4	3.30	26.0	3.71
		14	13.2	1.84	15.8	2.19	18.3	2.56	19.6	2.75	20.9	2.95	23.4	3.36	26.0	3.78
		16	13.2	1.87	15.8	2.23	18.3	2.61	19.6	2.81	20.9	3.01	23.4	3.42	26.0	3.85
		18	13.2	1.90	15.8	2.27	18.3	2.66	19.6	2.86	20.9	3.06	23.4	3.49	26.0	3.93
		20	13.2	1.93	15.8	2.31	18.3	2.71	19.6	2.91	20.9	3.12	23.4	3.56	26.0	4.04
		21	13.2	1.95	15.8	2.33	18.3	2.73	19.6	2.94	20.9	3.15	23.4	3.61	26.0	4.18
		23	13.2	1.98	15.8	2.37	18.3	2.79	19.6	3.04	20.9	3.31	23.4	3.87	26.0	4.48
		25	13.2	2.02	15.8	2.47	18.3	2.97	19.6	3.25	20.9	3.53	23.4	4.14	26.0	4.79
		27	13.2	2.14	15.8	2.63	18.3	3.17	19.6	3.46	20.9	3.77	23.4	4.42	26.0	5.12
		29	13.2	2.27	15.8	2.79	18.3	3.37	19.6	3.69	20.9	4.01	23.4	4.71	26.0	5.47
		31	13.2	2.40	15.8	2.96	18.3	3.59	19.6	3.92	20.9	4.27	23.4	5.02	26.0	5.83
		33	13.2	2.55	15.8	3.15	18.3	3.82	19.6	4.17	20.9	4.55	23.4	5.35	26.0	6.22
		35	13.2	2.70	15.8	3.34	18.3	4.05	19.6	4.44	20.9	4.84	23.4	5.70	26.0	6.63
		37	13.2	2.85	15.8	3.54	18.3	4.31	19.6	4.72	20.9	5.15	23.4	6.07	26.0	7.06
		39	13.2	3.02	15.8	3.75	18.3	4.57	19.6	5.01	20.9	5.47	23.4	6.45	26.0	7.52
60	16.80	10	11.3	1.55	13.5	1.82	15.7	2.11	16.8	2.26	17.9	2.41	20.1	2.73	22.3	3.06
		12	11.3	1.58	13.5	1.85	15.7	2.15	16.8	2.30	17.9	2.45	20.1	2.78	22.3	3.11
		14	11.3	1.60	13.5	1.88	15.7	2.18	16.8	2.34	17.9	2.50	20.1	2.83	22.3	3.17
		16	11.3	1.62	13.5	1.91	15.7	2.22	16.8	2.38	17.9	2.54	20.1	2.88	22.3	3.23
		18	11.3	1.65	13.5	1.94	15.7	2.26	16.8	2.42	17.9	2.59	20.1	2.93	22.3	3.29
		20	11.3	1.67	13.5	1.98	15.7	2.30	16.8	2.47	17.9	2.64	20.1	2.99	22.3	3.36
		21	11.3	1.69	13.5	1.99	15.7	2.32	16.8	2.49	17.9	2.66	20.1	3.02	22.3	3.39
		23	11.3	1.71	13.5	2.03	15.7	2.36	16.8	2.54	17.9	2.71	20.1	3.14	22.3	3.61
		25	11.3	1.74	13.5	2.06	15.7	2.45	16.8	2.66	17.9	2.88	20.1	3.35	22.3	3.85
		27	11.3	1.81	13.5	2.19	15.7	2.61	16.8	2.84	17.9	3.07	20.1	3.57	22.3	4.11
		29	11.3	1.91	13.5	2.32	15.7	2.78	16.8	3.02	17.9	3.27	20.1	3.81	22.3	4.39
		31	11.3	2.03	13.5	2.46	15.7	2.95	16.8	3.21	17.9	3.48	20.1	4.05	22.3	4.67
		33	11.3	2.14	13.5	2.61	15.7	3.13	16.8	3.41	17.9	3.70	20.1	4.31	22.3	4.98
		35	11.3	2.27	13.5	2.77	15.7	3.32	16.8	3.62	17.9	3.93	20.1	4.59	22.3	5.30
		37	11.3	2.40	13.5	2.93	15.7	3.52	16.8	3.84	17.9	4.17	20.1	4.88	22.3	5.64
		39	11.3	2.53	13.5	3.10	15.7	3.73	16.8	4.07	17.9	4.43	20.1	5.18	22.3	6.00
50	14.00	10	9.45	1.34	11.3	1.55	13.1	1.77	14.0	1.89	14.9	2.00	16.7	2.25	18.6	2.51
		12	9.45	1.35	11.3	1.57	13.1	1.80	14.0	1.91	14.9	2.04	16.7	2.29	18.6	2.55
		14	9.45	1.37	11.3	1.59	13.1	1.82	14.0	1.95	14.9	2.07	16.7	2.33	18.6	2.60
		16	9.45	1.39	11.3	1.61	13.1	1.85	14.0	1.98	14.9	2.10	16.7	2.37	18.6	2.64
		18	9.45	1.41	11.3	1.64	13.1	1.88	14.0	2.01	14.9	2.14	16.7	2.41	18.6	2.69
		20	9.45	1.43	11.3	1.66	13.1	1.91	14.0	2.04	14.9	2.18	16.7	2.45	18.6	2.74
		21	9.45	1.44	11.3	1.68	13.1	1.93	14.0	2.06	14.9	2.20	16.7	2.48	18.6	2.77
		23	9.45	1.46	11.3	1.70	13.1	1.96	14.0	2.10	14.9	2.24	16.7	2.52	18.6	2.83
		25	9.45	1.48	11.3	1.73	13.1	2.00	14.0	2.14	14.9	2.31	16.7	2.65	18.6	3.02
		27	9.45	1.51	11.3	1.80	13.1	2.11	14.0	2.28	14.9	2.45	16.7	2.82	18.6	3.22
		29	9.45	1.59	11.3	1.90	13.1	2.24	14.0	2.42	14.9	2.61	16.7	3.00	18.6	3.43
		31	9.45	1.68	11.3	2.01	13.1	2.37	14.0	2.57	14.9	2.77	16.7	3.19	18.6	3.65
		33	9.45	1.78	11.3	2.13	13.1	2.52	14.0	2.72	14.9	2.94	16.7	3.39	18.6	3.88
		35	9.45	1.88	11.3	2.25	13.1	2.66	14.0	2.88	14.9	3.11	16.7	3.60	18.6	4.12
		37	9.45	1.98	11.3	2.38	13.1	2.82	14.0	3.05	14.9	3.30	16.7	3.82	18.6	4.38
		39	9.45	2.09	11.3	2.51	13.1	2.98	14.0	3.23	14.9	3.50	16.7	4.05	18.6	4.65

3 Capacity tables

3 - 1 Cooling capacity tables

RXQ12P

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

Combination (%)	Capacity index (kW)	Outdoor air temp.	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
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	43.55	10	29.4	4.43	35.1	5.42	40.7	6.45	42.2	6.58	42.7	6.45	43.8	6.18	44.8	5.90
		12	29.4	4.51	35.1	5.52	40.7	6.57	41.6	6.55	42.2	6.42	43.2	6.14	44.3	6.04
		14	29.4	4.60	35.1	5.63	40.6	6.65	41.1	6.52	41.6	6.38	42.7	6.33	43.8	6.39
		16	29.4	4.68	35.1	5.74	40.0	6.62	40.6	6.57	41.1	6.61	42.1	6.67	43.2	6.73
		18	29.4	4.78	35.1	5.85	39.5	6.88	40.0	6.91	40.5	6.94	41.6	7.01	42.7	7.08
		20	29.4	4.87	35.1	6.24	38.9	7.21	39.5	7.25	40.0	7.28	41.1	7.35	42.1	7.43
		21	29.4	5.01	35.1	6.46	38.7	7.38	39.2	7.42	39.7	7.45	40.8	7.53	41.8	7.60
		23	29.4	5.36	35.1	6.93	38.1	7.71	38.7	7.75	39.2	7.79	40.2	7.87	41.3	7.95
		25	29.4	5.73	35.1	7.42	37.6	8.05	38.1	8.09	38.6	8.14	39.7	8.22	40.8	8.30
		27	29.4	6.13	35.1	7.93	37.0	8.39	37.6	8.44	38.1	8.48	39.2	8.57	40.2	8.66
		29	29.4	6.54	35.1	8.48	36.5	8.73	37.0	8.78	37.5	8.82	38.6	8.92	39.7	9.01
		31	29.4	6.97	34.9	8.97	35.9	9.07	36.5	9.12	37.0	9.17	38.1	9.27	39.1	9.37
		33	29.4	7.43	34.3	9.31	35.4	9.42	35.9	9.47	36.5	9.52	37.5	9.63	38.6	9.73
		35	29.4	7.92	33.8	9.65	34.9	9.76	35.4	9.82	35.9	9.87	37.0	9.98	38.0	10.09
		37	29.4	8.43	33.2	9.99	34.3	10.11	34.8	10.17	35.4	10.22	36.4	10.3	37.5	10.5
		39	29.4	8.97	32.7	10.3	33.8	10.5	34.3	10.5	34.8	10.6	35.9	10.7	36.9	10.8
120	40.20	10	27.1	4.05	32.4	4.94	37.6	5.88	40.2	6.35	42.1	6.62	43.0	6.37	44.0	6.12
		12	27.1	4.12	32.4	5.04	37.6	5.99	40.2	6.47	41.5	6.59	42.5	6.33	43.5	6.08
		14	27.1	4.20	32.4	5.13	37.6	6.10	40.2	6.60	41.0	6.55	41.9	6.30	42.9	6.34
		16	27.1	4.28	32.4	5.23	37.6	6.22	39.9	6.65	40.4	6.57	41.4	6.62	42.4	6.68
		18	27.1	4.36	32.4	5.34	37.6	6.44	39.4	6.87	39.9	6.90	40.9	6.96	41.8	7.02
		20	27.1	4.45	32.4	5.55	37.6	6.92	38.8	7.20	39.3	7.24	40.3	7.30	41.3	7.37
		21	27.1	4.49	32.4	5.75	37.6	7.17	38.6	7.37	39.1	7.41	40.0	7.47	41.0	7.54
		23	27.1	4.80	32.4	6.16	37.5	7.67	38.0	7.71	38.5	7.74	39.5	7.82	40.5	7.89
		25	27.1	5.12	32.4	6.59	37.0	8.01	37.5	8.04	38.0	8.08	38.9	8.16	39.9	8.24
		27	27.1	5.47	32.4	7.04	36.4	8.34	36.9	8.38	37.4	8.42	38.4	8.51	39.4	8.59
		29	27.1	5.84	32.4	7.52	35.9	8.68	36.4	8.72	36.9	8.77	37.9	8.85	38.8	8.94
		31	27.1	6.22	32.4	8.03	35.4	9.02	35.8	9.06	36.3	9.11	37.3	9.20	38.3	9.29
		33	27.1	6.62	32.4	8.56	34.8	9.36	35.3	9.41	35.8	9.45	36.8	9.55	37.7	9.65
		35	27.1	7.05	32.4	9.13	34.3	9.70	34.8	9.75	35.2	9.80	36.2	9.90	37.2	10.01
		37	27.1	7.50	32.4	9.73	33.7	10.04	34.2	10.10	34.7	10.15	35.7	10.26	36.7	10.4
		39	27.1	7.98	32.2	10.27	33.2	10.4	33.7	10.4	34.2	10.5	35.1	10.6	36.1	10.7
110	36.85	10	24.9	3.68	29.7	4.48	34.5	5.31	36.9	5.75	39.2	6.18	42.3	6.56	43.2	6.33
		12	24.9	3.74	29.7	4.56	34.5	5.42	36.9	5.85	39.2	6.30	41.7	6.53	42.6	6.30
		14	24.9	3.81	29.7	4.64	34.5	5.52	36.9	5.97	39.2	6.42	41.2	6.49	42.1	6.29
		16	24.9	3.88	29.7	4.73	34.5	5.63	36.9	6.08	39.2	6.54	40.6	6.58	41.5	6.63
		18	24.9	3.95	29.7	4.83	34.5	5.74	36.9	6.25	39.2	6.86	40.1	6.92	41.0	6.97
		20	24.9	4.03	29.7	4.92	34.5	6.08	36.9	6.72	38.7	7.19	39.6	7.25	40.5	7.31
		21	24.9	4.07	29.7	5.07	34.5	6.30	36.9	6.96	38.4	7.36	39.3	7.42	40.2	7.48
		23	24.9	4.26	29.7	5.43	34.5	6.75	36.9	7.46	37.8	7.69	38.7	7.76	39.6	7.83
		25	24.9	4.55	29.7	5.81	34.5	7.23	36.9	7.99	37.3	8.03	38.2	8.10	39.1	8.17
		27	24.9	4.85	29.7	6.21	34.5	7.73	36.3	8.33	36.8	8.37	37.7	8.44	38.5	8.52
		29	24.9	5.17	29.7	6.62	34.5	8.26	35.8	8.67	36.2	8.71	37.1	8.79	38.0	8.87
		31	24.9	5.51	29.7	7.07	34.5	8.82	35.2	9.01	35.7	9.05	36.6	9.13	37.5	9.21
		33	24.9	5.86	29.7	7.53	34.2	9.30	34.7	9.34	35.1	9.39	36.0	9.48	36.9	9.57
		35	24.9	6.24	29.7	8.02	33.7	9.64	34.1	9.69	34.6	9.73	35.5	9.83	36.4	9.92
		37	24.9	6.63	29.7	8.54	33.1	9.98	33.6	10.03	34.0	10.08	34.9	10.18	35.8	10.27
		39	24.9	7.05	29.7	9.10	32.6	10.3	33.0	10.4	33.5	10.4	34.4	10.5	35.3	10.6
100	33.50	10	22.6	3.31	27.0	4.02	31.3	4.76	33.5	5.15	35.7	5.53	40.0	6.32	42.3	6.54
		12	22.6	3.37	27.0	4.09	31.3	4.85	33.5	5.24	35.7	5.64	40.0	6.44	41.8	6.51
		14	22.6	3.43	27.0	4.17	31.3	4.94	33.5	5.34	35.7	5.75	40.0	6.57	41.3	6.48
		16	22.6	3.50	27.0	4.25	31.3	5.04	33.5	5.45	35.7	5.86	39.9	6.65	40.7	6.58
		18	22.6	3.56	27.0	4.33	31.3	5.14	33.5	5.55	35.7	5.98	39.4	6.87	40.2	6.92
		20	22.6	3.63	27.0	4.42	31.3	5.29	33.5	5.83	35.7	6.40	38.8	7.20	39.6	7.26
		21	22.6	3.66	27.0	4.46	31.3	5.48	33.5	6.04	35.7	6.63	38.5	7.37	39.4	7.43
		23	22.6	3.76	27.0	4.76	31.3	5.87	33.5	6.48	35.7	7.11	38.0	7.71	38.8	7.77
		25	22.6	4.01	27.0	5.08	31.3	6.28	33.5	6.93	35.7	7.61	37.4	8.04	38.3	8.11
		27	22.6	4.28	27.0	5.42	31.3	6.71	33.5	7.41	35.7	8.15	36.9	8.38	37.7	8.45
		29	22.6	4.55	27.0	5.79	31.3	7.17	33.5	7.92	35.5	8.65	36.4	8.72	37.2	8.79
		31	22.6	4.84	27.0	6.17	31.3	7.65	33.5	8.45	35.0	8.98	35.8	9.06	36.6	9.14
		33	22.6	5.15	27.0	6.57	31.3	8.16	33.5	9.02	34.5	9.32	35.3	9.40	36.1	9.48
		35	22.6	5.48	27.0	6.99	31.3	8.70	33.5	9.62	33.9	9.66	34.7	9.75	35.5	9.83
		37	22.6	5.82	27.0	7.44	31.3	9.27	33.0	9.96	33.4	10.00	34.2	10.09	35.0	10.18
		39	22.6	6.18	27.0	7.91	31.3	9.87	32.4	10.30	32.8	10.3	33.6	10.4	34.4	10.5

NOTES

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

2 When indoor models FXFQ20M, FXFQ25M and VKM-models are connected, the maximum connection ratio is 130%.

3 Capacity tables

3 - 1 Cooling capacity tables

RXQ12P

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

Combination (%)	Capacitry index (kW)	Outdoor air temp.	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
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	30.15	10	20.3	2.97	24.3	3.58	28.2	4.23	30.2	4.56	32.1	4.90	36.0	5.60	40.0	6.31
		12	20.3	3.02	24.3	3.64	28.2	4.30	30.2	4.64	32.1	4.99	36.0	5.70	40.0	6.43
		14	20.3	3.07	24.3	3.71	28.2	4.38	30.2	4.73	32.1	5.09	36.0	5.81	40.0	6.55
		16	20.3	3.12	24.3	3.78	28.2	4.47	30.2	4.82	32.1	5.19	36.0	5.93	39.9	6.66
		18	20.3	3.18	24.3	3.85	28.2	4.55	30.2	4.92	32.1	5.29	36.0	6.04	39.3	6.87
		20	20.3	3.24	24.3	3.92	28.2	4.64	30.2	5.02	32.1	5.49	36.0	6.50	38.8	7.20
		21	20.3	3.27	24.3	3.96	28.2	4.72	30.2	5.19	32.1	5.68	36.0	6.73	38.5	7.37
		23	20.3	3.33	24.3	4.12	28.2	5.06	30.2	5.56	32.1	6.09	36.0	7.22	38.0	7.70
		25	20.3	3.51	24.3	4.40	28.2	5.41	30.2	5.95	32.1	6.51	36.0	7.73	37.4	8.04
		27	20.3	3.74	24.3	4.70	28.2	5.77	30.2	6.35	32.1	6.96	36.0	8.27	36.9	8.38
		29	20.3	3.97	24.3	5.00	28.2	6.16	30.2	6.78	32.1	7.44	35.6	8.65	36.3	8.72
		31	20.3	4.22	24.3	5.33	28.2	6.57	30.2	7.24	32.1	7.94	35.1	8.99	35.8	9.06
		33	20.3	4.49	24.3	5.67	28.2	7.00	30.2	7.71	32.1	8.47	34.5	9.33	35.3	9.40
		35	20.3	4.76	24.3	6.03	28.2	7.45	30.2	8.22	32.1	9.03	34.0	9.67	34.7	9.75
		37	20.3	5.06	24.3	6.41	28.2	7.93	30.2	8.75	32.1	9.62	33.4	10.01	34.2	10.09
		39	20.3	5.37	24.3	6.81	28.2	8.44	30.2	9.32	32.1	10.25	32.9	10.4	33.6	10.4
80	26.80	10	18.1	2.63	21.6	3.15	25.1	3.71	26.8	3.99	28.5	4.28	32.0	4.89	35.5	5.50
		12	18.1	2.68	21.6	3.21	25.1	3.77	26.8	4.06	28.5	4.36	32.0	4.98	35.5	5.61
		14	18.1	2.72	21.6	3.26	25.1	3.84	26.8	4.14	28.5	4.45	32.0	5.07	35.5	5.72
		16	18.1	2.77	21.6	3.32	25.1	3.91	26.8	4.22	28.5	4.53	32.0	5.17	35.5	5.83
		18	18.1	2.81	21.6	3.38	25.1	3.99	26.8	4.30	28.5	4.62	32.0	5.27	35.5	5.94
		20	18.1	2.86	21.6	3.45	25.1	4.07	26.8	4.39	28.5	4.71	32.0	5.47	35.5	6.36
		21	18.1	2.89	21.6	3.48	25.1	4.11	26.8	4.43	28.5	4.81	32.0	5.66	35.5	6.59
		23	18.1	2.94	21.6	3.55	25.1	4.30	26.8	4.72	28.5	5.15	32.0	6.06	35.5	7.06
		25	18.1	3.04	21.6	3.78	25.1	4.60	26.8	5.04	28.5	5.50	32.0	6.49	35.5	7.56
		27	18.1	3.23	21.6	4.02	25.1	4.90	26.8	5.38	28.5	5.88	32.0	6.94	35.5	8.09
		29	18.1	3.44	21.6	4.28	25.1	5.23	26.8	5.74	28.5	6.27	32.0	7.41	35.5	8.65
		31	18.1	3.65	21.6	4.55	25.1	5.57	26.8	6.11	28.5	6.68	32.0	7.91	35.0	8.98
		33	18.1	3.87	21.6	4.84	25.1	5.93	26.8	6.51	28.5	7.12	32.0	8.43	34.4	9.32
		35	18.1	4.10	21.6	5.14	25.1	6.30	26.8	6.93	28.5	7.59	32.0	8.99	33.9	9.66
		37	18.1	4.35	21.6	5.46	25.1	6.70	26.8	7.37	28.5	8.08	32.0	9.58	33.3	10.00
		39	18.1	4.61	21.6	5.80	25.1	7.13	26.8	7.84	28.5	8.60	32.0	10.21	32.8	10.3
70	23.45	10	15.8	2.32	18.9	2.75	21.9	3.21	23.5	3.45	25.0	3.69	28.0	4.20	31.1	4.72
		12	15.8	2.35	18.9	2.79	21.9	3.26	23.5	3.51	25.0	3.76	28.0	4.27	31.1	4.81
		14	15.8	2.39	18.9	2.84	21.9	3.32	23.5	3.57	25.0	3.83	28.0	4.35	31.1	4.90
		16	15.8	2.43	18.9	2.89	21.9	3.38	23.5	3.64	25.0	3.90	28.0	4.44	31.1	4.99
		18	15.8	2.47	18.9	2.94	21.9	3.44	23.5	3.71	25.0	3.97	28.0	4.52	31.1	5.09
		20	15.8	2.51	18.9	2.99	21.9	3.51	23.5	3.78	25.0	4.05	28.0	4.61	31.1	5.23
		21	15.8	2.53	18.9	3.02	21.9	3.54	23.5	3.81	25.0	4.09	28.0	4.69	31.1	5.42
		23	15.8	2.57	18.9	3.08	21.9	3.61	23.5	3.94	25.0	4.29	28.0	5.02	31.1	5.81
		25	15.8	2.62	18.9	3.20	21.9	3.86	23.5	4.21	25.0	4.58	28.0	5.36	31.1	6.21
		27	15.8	2.77	18.9	3.40	21.9	4.11	23.5	4.49	25.0	4.88	28.0	5.73	31.1	6.64
		29	15.8	2.94	18.9	3.62	21.9	4.37	23.5	4.78	25.0	5.20	28.0	6.11	31.1	7.09
		31	15.8	3.12	18.9	3.84	21.9	4.65	23.5	5.09	25.0	5.54	28.0	6.51	31.1	7.56
		33	15.8	3.30	18.9	4.08	21.9	4.95	23.5	5.41	25.0	5.90	28.0	6.94	31.1	8.06
		35	15.8	3.50	18.9	4.33	21.9	5.26	23.5	5.75	25.0	6.27	28.0	7.39	31.1	8.59
		37	15.8	3.70	18.9	4.59	21.9	5.58	23.5	6.11	25.0	6.67	28.0	7.86	31.1	9.16
		39	15.8	3.92	18.9	4.87	21.9	5.93	23.5	6.50	25.0	7.09	28.0	8.37	31.1	9.75
60	20.10	10	13.6	2.01	16.2	2.36	18.8	2.74	20.1	2.93	21.4	3.13	24.0	3.54	26.6	3.96
		12	13.6	2.04	16.2	2.40	18.8	2.78	20.1	2.98	21.4	3.18	24.0	3.60	26.6	4.04
		14	13.6	2.07	16.2	2.44	18.8	2.83	20.1	3.03	21.4	3.24	24.0	3.67	26.6	4.11
		16	13.6	2.10	16.2	2.48	18.8	2.88	20.1	3.08	21.4	3.30	24.0	3.73	26.6	4.19
		18	13.6	2.14	16.2	2.52	18.8	2.93	20.1	3.14	21.4	3.36	24.0	3.80	26.6	4.27
		20	13.6	2.17	16.2	2.56	18.8	2.98	20.1	3.20	21.4	3.42	24.0	3.88	26.6	4.35
		21	13.6	2.19	16.2	2.58	18.8	3.01	20.1	3.23	21.4	3.45	24.0	3.92	26.6	4.40
		23	13.6	2.22	16.2	2.63	18.8	3.06	20.1	3.29	21.4	3.52	24.0	4.07	26.6	4.68
		25	13.6	2.26	16.2	2.68	18.8	3.18	20.1	3.45	21.4	3.74	24.0	4.34	26.6	5.00
		27	13.6	2.34	16.2	2.84	18.8	3.39	20.1	3.68	21.4	3.98	24.0	4.63	26.6	5.33
		29	13.6	2.48	16.2	3.01	18.8	3.60	20.1	3.91	21.4	4.24	24.0	4.94	26.6	5.69
		31	13.6	2.63	16.2	3.20	18.8	3.82	20.1	4.16	21.4	4.51	24.0	5.26	26.6	6.06
		33	13.6	2.78	16.2	3.39	18.8	4.06	20.1	4.42	21.4	4.79	24.0	5.59	26.6	6.45
		35	13.6	2.94	16.2	3.59	18.8	4.31	20.1	4.69	21.4	5.09	24.0	5.95	26.6	6.87
		37	13.6	3.11	16.2	3.80	18.8	4.57	20.1	4.98	21.4	5.41	24.0	6.32	26.6	7.31
		39	13.6	3.28	16.2	4.02	18.8	4.84	20.1	5.28	21.4	5.74	24.0	6.72	26.6	7.77
50	16.75	10	11.3	1.73	13.5	2.00	15.7	2.29	16.8	2.44	17.8	2.60	20.0	2.92	22.2	3.25
		12	11.3	1.75	13.5	2.03	15.7	2.33	16.8	2.48	17.8	2.64	20.0	2.97	22.2	3.31
		14	11.3	1.78	13.5	2.06	15.7	2.36	16.8	2.52	17.8	2.68	20.0	3.02	22.2	3.37
		16	11.3	1.80	13.5	2.09	15.7	2.40	16.8	2.56	17.8	2.73	20.0	3.07	22.2	3.43
		18	11.3	1.83	13.5	2.12	15.7	2.44	16.8	2.61	17.8	2.78	20.0	3.13	22.2	3.49
		20	11.3	1.85	13.5	2.16	15.7	2.48	16.8	2.65	17.8	2.82	20.0	3.18	22.2	3.56
		21	11.3	1.87	13.5	2.17	15.7	2.50	16.8	2.67	17.8	2.85	20.0	3.21	22.2	3.59
		23	11.3	1.89	13.5	2.21	15.7	2.55	16.8	2.72	17.8	2.90	20.0	3.27	22.2	3.67
		25	11.3	1.92	13.5	2.25	15.7	2.59	16.8	2.78	17.8	2.99	20.0	3.44	22.2	3.92
		27	11.3	1.95	13.5	2.33	15.7	2.74	16.8	2.95	17.8	3.18	20.0	3.66	22.2	4.17
		29	11.3	2.07	13.5	2.47	15.7	2.90	16.8	3.14	17.8	3.38	20.0	3.89	22.2	4.44
		31	11.3	2.18	13.5	2.61	15.7	3.08	16.8	3.33	17.8	3.59	20.0	4.14	22.2	4.73
		33	11.3	2.31	13.5	2.76	15.7	3.26	16.8	3.53	17.8	3.81	20.0	4.39	22.2	5.03
		35	11.3	2.43	13.5	2.92	15.7	3.45	16.8	3.74	17.8	4.04	20.0	4.67	22.2	5.34
		37	11.3	2.57	13.5	3.09	15.7	3.66	16.8	3.96	17.8	4.28	20.0	4.95	22.2	5.67
		39	11.3	2.71	13.5	3.26	15.7	3.87	16.8	4.19	17.8	4.53	20.0	5.25	22.2	6.03

3 Capacity tables

3 - 1 Cooling capacity tables

RXQ14P

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

Combination (%)	Capacity index (kW)	Outdoor air temp.	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
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	52.00	10	35.1	5.71	41.9	6.99	48.6	8.31	50.4	8.49	51.0	8.32	52.3	7.96	53.5	7.61
		12	35.1	5.81	41.9	7.12	48.6	8.47	49.7	8.44	50.4	8.27	51.6	7.91	52.9	7.79
		14	35.1	5.92	41.9	7.26	48.4	8.58	49.1	8.40	49.7	8.22	51.0	8.16	52.2	8.23
		16	35.1	6.04	41.9	7.40	47.8	8.53	48.4	8.47	49.1	8.51	50.3	8.60	51.6	8.68
		18	35.1	6.16	41.9	7.55	47.1	8.86	47.8	8.91	48.4	8.95	49.7	9.04	50.9	9.12
		20	35.1	6.28	41.9	8.04	46.5	9.3	47.1	9.3	47.8	9.4	49.0	9.5	50.3	9.6
		21	35.1	6.46	41.9	8.33	46.2	9.5	46.8	9.6	47.4	9.6	48.7	9.7	50.0	9.8
		23	35.1	6.91	41.9	8.93	45.5	9.9	46.1	10.0	46.8	10.0	48.0	10.1	49.3	10.2
		25	35.1	7.39	41.9	9.6	44.9	10.4	45.5	10.4	46.1	10.5	47.4	10.6	48.7	10.7
		27	35.1	7.90	41.9	10.2	44.2	10.8	44.8	10.9	45.5	10.9	46.7	11.0	48.0	11.2
		29	35.1	8.43	41.9	10.9	43.6	11.3	44.2	11.3	44.8	11.4	46.1	11.5	47.4	11.6
		31	35.1	8.99	41.6	11.6	42.9	11.7	43.5	11.8	44.2	11.8	45.4	12.0	46.7	12.1
		33	35.1	9.6	41.0	12.0	42.3	12.1	42.9	12.2	43.5	12.3	44.8	12.4	46.1	12.5
		35	35.1	10.2	40.3	12.4	41.6	12.6	42.2	12.7	42.9	12.7	44.1	12.9	45.4	13.0
		37	35.1	10.9	39.7	12.9	41.0	13.0	41.6	13.1	42.2	13.2	43.5	13.3	44.8	13.5
		39	35.1	11.6	39.0	13.3	40.3	13.5	40.9	13.6	41.6	13.6	42.8	13.8	44.1	14.0
120	48.00	10	32.4	5.22	38.6	6.37	44.9	7.58	48.0	8.19	50.2	8.53	51.4	8.21	52.6	7.89
		12	32.4	5.31	38.6	6.49	44.9	7.72	48.0	8.35	49.6	8.49	50.7	8.16	51.9	7.83
		14	32.4	5.41	38.6	6.62	44.9	7.87	48.0	8.51	48.9	8.45	50.1	8.11	51.2	8.17
		16	32.4	5.51	38.6	6.74	44.9	8.02	47.7	8.57	48.3	8.46	49.4	8.54	50.6	8.61
		18	32.4	5.62	38.6	6.88	44.9	8.30	47.0	8.85	47.6	8.89	48.8	8.97	49.9	9.06
		20	32.4	5.73	38.6	7.15	44.9	8.92	46.4	9.3	47.0	9.3	48.1	9.4	49.3	9.5
		21	32.4	5.79	38.6	7.41	44.9	9.24	46.1	9.5	46.6	9.5	47.8	9.6	49.0	9.7
		23	32.4	6.18	38.6	7.93	44.8	9.9	45.4	9.9	46.0	10.0	47.2	10.1	48.3	10.2
		25	32.4	6.61	38.6	8.49	44.2	10.3	44.8	10.4	45.3	10.4	46.5	10.5	47.7	10.6
		27	32.4	7.05	38.6	9.08	43.5	10.8	44.1	10.8	44.7	10.9	45.9	11.0	47.0	11.1
		29	32.4	7.52	38.6	9.7	42.9	11.2	43.4	11.2	44.0	11.3	45.2	11.4	46.4	11.5
		31	32.4	8.02	38.6	10.3	42.2	11.6	42.8	11.7	43.4	11.7	44.6	11.9	45.7	12.0
		33	32.4	8.54	38.6	11.0	41.6	12.1	42.1	12.1	42.7	12.2	43.9	12.3	45.1	12.4
		35	32.4	9.09	38.6	11.8	40.9	12.5	41.5	12.6	42.1	12.6	43.2	12.8	44.4	12.9
		37	32.4	9.7	38.6	12.5	40.3	12.9	40.8	13.0	41.4	13.1	42.6	13.2	43.8	13.4
		39	32.4	10.3	38.4	13.2	39.6	13.4	40.2	13.5	40.8	13.5	41.9	13.7	43.1	13.8
110	44.00	10	29.7	4.74	35.4	5.77	41.1	6.85	44.0	7.41	46.9	7.97	50.5	8.46	51.6	8.16
		12	29.7	4.82	35.4	5.88	41.1	6.98	44.0	7.55	46.9	8.12	49.8	8.41	50.9	8.12
		14	29.7	4.91	35.4	5.99	41.1	7.11	44.0	7.69	46.9	8.27	49.2	8.37	50.3	8.11
		16	29.7	5.00	35.4	6.10	41.1	7.25	44.0	7.84	46.9	8.43	48.5	8.48	49.6	8.55
		18	29.7	5.10	35.4	6.22	41.1	7.40	44.0	8.06	46.8	8.84	47.9	8.91	49.0	8.99
		20	29.7	5.20	35.4	6.35	41.1	7.84	44.0	8.66	46.2	9.3	47.2	9.3	48.3	9.4
		21	29.7	5.25	35.4	6.54	41.1	8.12	44.0	8.97	45.8	9.5	46.9	9.6	48.0	9.6
		23	29.7	5.49	35.4	7.00	41.1	8.70	44.0	9.6	45.2	9.9	46.3	10.0	47.3	10.1
		25	29.7	5.87	35.4	7.49	41.1	9.3	44.0	10.3	44.5	10.4	45.6	10.4	46.7	10.5
		27	29.7	6.26	35.4	8.00	41.1	10.0	43.4	10.7	43.9	10.8	45.0	10.9	46.0	11.0
		29	29.7	6.67	35.4	8.54	41.1	10.6	42.7	11.2	43.2	11.2	44.3	11.3	45.4	11.4
		31	29.7	7.10	35.4	9.11	41.1	11.4	42.0	11.6	42.6	11.7	43.7	11.8	44.7	11.9
		33	29.7	7.56	35.4	9.7	40.9	12.0	41.4	12.0	41.9	12.1	43.0	12.2	44.1	12.3
		35	29.7	8.04	35.4	10.3	40.2	12.4	40.7	12.5	41.3	12.5	42.4	12.7	43.4	12.8
		37	29.7	8.55	35.4	11.0	39.6	12.9	40.1	12.9	40.6	13.0	41.7	13.1	42.8	13.2
		39	29.7	9.09	35.4	11.7	38.9	13.3	39.4	13.4	40.0	13.4	41.1	13.6	42.1	13.7
100	40.00	10	27.0	4.27	32.2	5.18	37.4	6.14	40.0	6.63	42.6	7.13	47.8	8.15	50.6	8.44
		12	27.0	4.35	32.2	5.28	37.4	6.25	40.0	6.76	42.6	7.27	47.8	8.31	49.9	8.39
		14	27.0	4.42	32.2	5.37	37.4	6.37	40.0	6.89	42.6	7.41	47.8	8.46	49.3	8.35
		16	27.0	4.51	32.2	5.48	37.4	6.50	40.0	7.02	42.6	7.55	47.6	8.58	48.6	8.49
		18	27.0	4.59	32.2	5.58	37.4	6.62	40.0	7.16	42.6	7.70	47.0	8.85	48.0	8.92
		20	27.0	4.68	32.2	5.69	37.4	6.82	40.0	7.52	42.6	8.25	46.3	9.3	47.3	9.4
		21	27.0	4.72	32.2	5.75	37.4	7.07	40.0	7.79	42.6	8.55	46.0	9.5	47.0	9.6
		23	27.0	4.85	32.2	6.13	37.4	7.57	40.0	8.35	42.6	9.16	45.4	9.9	46.3	10.0
		25	27.0	5.17	32.2	6.55	37.4	8.10	40.0	8.94	42.6	9.8	44.7	10.4	45.7	10.4
		27	27.0	5.51	32.2	6.99	37.4	8.65	40.0	9.6	42.6	10.5	44.1	10.8	45.0	10.9
		29	27.0	5.87	32.2	7.46	37.4	9.24	40.0	10.2	42.4	11.1	43.4	11.2	44.4	11.3
		31	27.0	6.25	32.2	7.95	37.4	9.9	40.0	10.9	41.8	11.6	42.8	11.7	43.7	11.8
		33	27.0	6.64	32.2	8.46	37.4	10.5	40.0	11.6	41.1	12.0	42.1	12.1	43.1	12.2
		35	27.0	7.06	32.2	9.01	37.4	11.2	40.0	12.4	40.5	12.5	41.5	12.6	42.4	12.7
		37	27.0	7.50	32.2	9.6	37.4	11.9	39.3	12.8	39.8	12.9	40.8	13.0	41.8	13.1
		39	27.0	7.96	32.2	10.2	37.4	12.7	38.7	13.3	39.2	13.3	40.2	13.5	41.1	13.6

NOTES

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

2 When indoor models FXFQ20M, FXFQ25M and VKM-models are connected, the maximum connection ratio is 130%.

3 Capacity tables

3 - 1 Cooling capacity tables

RXQ14P

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

Combination (%)	Capacitry index (kW)	Outdoor air temp.	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
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	36.00	10	24.3	3.82	29.0	4.61	33.7	5.45	36.0	5.88	38.3	6.32	43.0	7.22	47.7	8.13
		12	24.3	3.89	29.0	4.69	33.7	5.55	36.0	5.99	38.3	6.43	43.0	7.35	47.7	8.29
		14	24.3	3.96	29.0	4.78	33.7	5.65	36.0	6.10	38.3	6.56	43.0	7.49	47.7	8.44
		16	24.3	4.03	29.0	4.87	33.7	5.76	36.0	6.22	38.3	6.68	43.0	7.64	47.6	8.58
		18	24.3	4.10	29.0	4.96	33.7	5.87	36.0	6.34	38.3	6.82	43.0	7.79	47.0	8.85
		20	24.3	4.17	29.0	5.06	33.7	5.99	36.0	6.47	38.3	7.07	43.0	8.37	46.3	9.3
		21	24.3	4.21	29.0	5.11	33.7	6.09	36.0	6.69	38.3	7.32	43.0	8.67	46.0	9.5
		23	24.3	4.29	29.0	5.32	33.7	6.52	36.0	7.17	38.3	7.85	43.0	9.3	45.3	9.9
		25	24.3	4.52	29.0	5.68	33.7	6.97	36.0	7.67	38.3	8.40	43.0	10.0	44.7	10.4
		27	24.3	4.81	29.0	6.05	33.7	7.44	36.0	8.19	38.3	8.98	43.0	10.7	44.0	10.8
		29	24.3	5.12	29.0	6.45	33.7	7.94	36.0	8.74	38.3	9.6	42.5	11.2	43.4	11.2
		31	24.3	5.45	29.0	6.87	33.7	8.46	36.0	9.3	38.3	10.2	41.9	11.6	42.7	11.7
		33	24.3	5.78	29.0	7.31	33.7	9.02	36.0	9.9	38.3	10.9	41.2	12.0	42.1	12.1
		35	24.3	6.14	29.0	7.77	33.7	9.6	36.0	10.6	38.3	11.6	40.6	12.5	41.4	12.6
		37	24.3	6.52	29.0	8.26	33.7	10.2	36.0	11.3	38.3	12.4	39.9	12.9	40.8	13.0
		39	24.3	6.92	29.0	8.78	33.7	10.9	36.0	12.0	38.3	13.2	39.3	13.3	40.1	13.5
80	32.00	10	21.6	3.40	25.8	4.07	29.9	4.78	32.0	5.15	34.1	5.52	38.2	6.30	42.4	7.10
		12	21.6	3.45	25.8	4.14	29.9	4.86	32.0	5.24	34.1	5.62	38.2	6.42	42.4	7.23
		14	21.6	3.51	25.8	4.21	29.9	4.95	32.0	5.34	34.1	5.73	38.2	6.54	42.4	7.37
		16	21.6	3.57	25.8	4.28	29.9	5.04	32.0	5.44	34.1	5.84	38.2	6.67	42.4	7.51
		18	21.6	3.63	25.8	4.36	29.9	5.14	32.0	5.54	34.1	5.95	38.2	6.80	42.4	7.66
		20	21.6	3.69	25.8	4.44	29.9	5.24	32.0	5.65	34.1	6.07	38.2	7.05	42.4	8.19
		21	21.6	3.73	25.8	4.49	29.9	5.29	32.0	5.71	34.1	6.20	38.2	7.30	42.4	8.49
		23	21.6	3.79	25.8	4.57	29.9	5.55	32.0	6.08	34.1	6.63	38.2	7.82	42.4	9.10
		25	21.6	3.92	25.8	4.87	29.9	5.93	32.0	6.49	34.1	7.09	38.2	8.36	42.4	9.7
		27	21.6	4.17	25.8	5.19	29.9	6.32	32.0	6.93	34.1	7.57	38.2	8.94	42.4	10.4
		29	21.6	4.43	25.8	5.52	29.9	6.74	32.0	7.39	34.1	8.08	38.2	9.5	42.4	11.1
		31	21.6	4.70	25.8	5.87	29.9	7.18	32.0	7.88	34.1	8.62	38.2	10.2	41.8	11.6
		33	21.6	4.99	25.8	6.24	29.9	7.64	32.0	8.39	34.1	9.18	38.2	10.9	41.1	12.0
		35	21.6	5.29	25.8	6.63	29.9	8.13	32.0	8.93	34.1	9.8	38.2	11.6	40.4	12.5
		37	21.6	5.61	25.8	7.04	29.9	8.64	32.0	9.50	34.1	10.4	38.2	12.3	39.8	12.9
		39	21.6	5.94	25.8	7.47	29.9	9.19	32.0	10.11	34.1	11.1	38.2	13.2	39.1	13.3
70	28.00	10	18.9	2.99	22.5	3.54	26.2	4.14	28.0	4.44	29.8	4.76	33.5	5.41	37.1	6.08
		12	18.9	3.03	22.5	3.60	26.2	4.21	28.0	4.52	29.8	4.84	33.5	5.51	37.1	6.20
		14	18.9	3.08	22.5	3.66	26.2	4.28	28.0	4.60	29.8	4.93	33.5	5.61	37.1	6.31
		16	18.9	3.13	22.5	3.72	26.2	4.36	28.0	4.69	29.8	5.03	33.5	5.72	37.1	6.44
		18	18.9	3.18	22.5	3.79	26.2	4.44	28.0	4.78	29.8	5.12	33.5	5.83	37.1	6.56
		20	18.9	3.23	22.5	3.86	26.2	4.52	28.0	4.87	29.8	5.22	33.5	5.95	37.1	6.75
		21	18.9	3.26	22.5	3.89	26.2	4.57	28.0	4.91	29.8	5.27	33.5	6.04	37.1	6.99
		23	18.9	3.32	22.5	3.97	26.2	4.66	28.0	5.08	29.8	5.52	33.5	6.47	37.1	7.48
		25	18.9	3.38	22.5	4.12	26.2	4.97	28.0	5.42	29.8	5.90	33.5	6.91	37.1	8.01
		27	18.9	3.57	22.5	4.39	26.2	5.30	28.0	5.78	29.8	6.29	33.5	7.38	37.1	8.56
		29	18.9	3.79	22.5	4.66	26.2	5.64	28.0	6.16	29.8	6.71	33.5	7.87	37.1	9.14
		31	18.9	4.02	22.5	4.95	26.2	6.00	28.0	6.56	29.8	7.14	33.5	8.39	37.1	9.7
		33	18.9	4.26	22.5	5.26	26.2	6.38	28.0	6.98	29.8	7.60	33.5	8.94	37.1	10.4
		35	18.9	4.51	22.5	5.58	26.2	6.77	28.0	7.42	29.8	8.09	33.5	9.5	37.1	11.1
		37	18.9	4.77	22.5	5.92	26.2	7.19	28.0	7.88	29.8	8.60	33.5	10.1	37.1	11.8
		39	18.9	5.05	22.5	6.27	26.2	7.64	28.0	8.37	29.8	9.14	33.5	10.8	37.1	12.6
60	24.00	10	16.2	2.60	19.3	3.05	22.4	3.53	24.0	3.78	25.6	4.03	28.7	4.56	31.8	5.11
		12	16.2	2.63	19.3	3.09	22.4	3.59	24.0	3.84	25.6	4.10	28.7	4.64	31.8	5.20
		14	16.2	2.67	19.3	3.14	22.4	3.65	24.0	3.91	25.6	4.17	28.7	4.73	31.8	5.30
		16	16.2	2.71	19.3	3.19	22.4	3.71	24.0	3.97	25.6	4.25	28.7	4.81	31.8	5.40
		18	16.2	2.75	19.3	3.25	22.4	3.77	24.0	4.05	25.6	4.33	28.7	4.90	31.8	5.50
		20	16.2	2.80	19.3	3.30	22.4	3.84	24.0	4.12	25.6	4.41	28.7	5.00	31.8	5.61
		21	16.2	2.82	19.3	3.33	22.4	3.88	24.0	4.16	25.6	4.45	28.7	5.05	31.8	5.67
		23	16.2	2.87	19.3	3.39	22.4	3.95	24.0	4.24	25.6	4.53	28.7	5.25	31.8	6.03
		25	16.2	2.91	19.3	3.45	22.4	4.10	24.0	4.45	25.6	4.82	28.7	5.60	31.8	6.44
		27	16.2	3.02	19.3	3.66	22.4	4.36	24.0	4.74	25.6	5.14	28.7	5.97	31.8	6.87
		29	16.2	3.20	19.3	3.88	22.4	4.64	24.0	5.04	25.6	5.47	28.7	6.36	31.8	7.33
		31	16.2	3.39	19.3	4.12	22.4	4.93	24.0	5.36	25.6	5.81	28.7	6.77	31.8	7.81
		33	16.2	3.58	19.3	4.37	22.4	5.23	24.0	5.69	25.6	6.18	28.7	7.21	31.8	8.32
		35	16.2	3.79	19.3	4.63	22.4	5.55	24.0	6.05	25.6	6.56	28.7	7.66	31.8	8.85
		37	16.2	4.00	19.3	4.90	22.4	5.89	24.0	6.42	25.6	6.97	28.7	8.15	31.8	9.4
		39	16.2	4.23	19.3	5.18	22.4	6.24	24.0	6.81	25.6	7.40	28.7	8.66	31.8	10.0
50	20.00	10	13.5	2.23	16.1	2.58	18.7	2.96	20.0	3.15	21.3	3.35	23.9	3.76	26.5	4.19
		12	13.5	2.26	16.1	2.62	18.7	3.00	20.0	3.20	21.3	3.40	23.9	3.82	26.5	4.26
		14	13.5	2.29	16.1	2.66	18.7	3.05	20.0	3.25	21.3	3.46	23.9	3.89	26.5	4.34
		16	13.5	2.32	16.1	2.70	18.7	3.10	20.0	3.30	21.3	3.52	23.9	3.96	26.5	4.42
		18	13.5	2.35	16.1	2.74	18.7	3.15	20.0	3.36	21.3	3.58	23.9	4.03	26.5	4.50
		20	13.5	2.39	16.1	2.78	18.7	3.20	20.0	3.42	21.3	3.64	23.9	4.10	26.5	4.58
		21	13.5	2.41	16.1	2.80	18.7	3.23	20.0	3.45	21.3	3.67	23.9	4.14	26.5	4.63
		23	13.5	2.44	16.1	2.85	18.7	3.28	20.0	3.51	21.3	3.74	23.9	4.22	26.5	4.73
		25	13.5	2.48	16.1	2.90	18.7	3.34	20.0	3.58	21.3	3.85	23.9	4.43	26.5	5.05
		27	13.5	2.52	16.1	3.00	18.7	3.53	20.0	3.81	21.3	4.10	23.9	4.72	26.5	5.38
		29	13.5	2.66	16.1	3.18	18.7	3.74	20.0	4.04	21.3	4.36	23.9	5.02	26.5	5.73
		31	13.5	2.81	16.1	3.36	18.7	3.97	20.0	4.29	21.3	4.62	23.9	5.33	26.5	6.09
		33	13.5	2.97	16.1	3.56	18.7	4.20	20.0	4.55	21.3	4.91	23.9	5.66	26.5	6.48
		35	13.5	3.14	16.1	3.76	18.7	4.45	20.0	4.82	21.3	5.20	23.9	6.01	26.5	6.89
		37	13.5	3.31	16.1	3.98	18.7	4.71	20.0	5.10	21.3	5.51	23.9	6.38	26.5	7.31
		39	13.5	3.49	16.1	4.20	18.7	4.99	20.0	5.41	21.3	5.84	23.9	6.77	26.5	7.77

3 Capacity tables

3 - 1 Cooling capacity tables

RXQ16P

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

Combination (%)	Capacitry index (kW)	Outdoor air temp.	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
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	58.50	10	39.5	6.54	47.1	8.00	54.7	9.5	56.7	9.7	57.4	9.5	58.8	9.1	60.2	8.71
		12	39.5	6.66	47.1	8.15	54.7	9.7	55.9	9.7	56.7	9.5	58.1	9.1	59.5	8.9
		14	39.5	6.78	47.1	8.31	54.5	9.8	55.2	9.6	55.9	9.4	57.3	9.3	58.8	9.4
		16	39.5	6.92	47.1	8.47	53.8	9.8	54.5	9.7	55.2	9.7	56.6	9.8	58.0	9.9
		18	39.5	7.05	47.1	8.64	53.0	10.1	53.7	10.2	54.5	10.2	55.9	10.3	57.3	10.4
		20	39.5	7.19	47.1	9.2	52.3	10.6	53.0	10.7	53.7	10.7	55.2	10.9	56.6	11.0
		21	39.5	7.39	47.1	9.5	51.9	10.9	52.7	10.9	53.4	11.0	54.8	11.1	56.2	11.2
		23	39.5	7.92	47.1	10.2	51.2	11.4	51.9	11.4	52.6	11.5	54.1	11.6	55.5	11.7
		25	39.5	8.46	47.1	10.9	50.5	11.9	51.2	11.9	51.9	12.0	53.3	12.1	54.7	12.3
		27	39.5	9.0	47.1	11.7	49.7	12.4	50.5	12.5	51.2	12.5	52.6	12.6	54.0	12.8
		29	39.5	9.7	47.1	12.5	49.0	12.9	49.7	13.0	50.4	13.0	51.9	13.2	53.3	13.3
		31	39.5	10.3	46.9	13.2	48.3	13.4	49.0	13.5	49.7	13.5	51.1	13.7	52.5	13.8
		33	39.5	11.0	46.1	13.7	47.5	13.9	48.3	14.0	49.0	14.1	50.4	14.2	51.8	14.4
		35	39.5	11.7	45.4	14.2	46.8	14.4	47.5	14.5	48.2	14.6	49.7	14.7	51.1	14.9
		37	39.5	12.4	44.7	14.7	46.1	14.9	46.8	15.0	47.5	15.1	48.9	15.3	50.4	15.4
		39	39.5	13.2	43.9	15.3	45.4	15.4	46.1	15.5	46.8	15.6	48.2	15.8	49.6	16.0
120	54.00	10	36.4	5.97	43.5	7.30	50.5	8.68	54.0	9.4	56.5	9.8	57.8	9.4	59.1	9.0
		12	36.4	6.08	43.5	7.43	50.5	8.84	54.0	9.6	55.8	9.7	57.1	9.4	58.4	9.0
		14	36.4	6.20	43.5	7.58	50.5	9.0	54.0	9.7	55.0	9.7	56.3	9.3	57.7	9.4
		16	36.4	6.31	43.5	7.72	50.5	9.2	53.6	9.8	54.3	9.7	55.6	9.8	56.9	9.9
		18	36.4	6.44	43.5	7.88	50.5	9.5	52.9	10.1	53.6	10.2	54.9	10.3	56.2	10.4
		20	36.4	6.56	43.5	8.19	50.5	10.2	52.2	10.6	52.8	10.7	54.1	10.8	55.5	10.9
		21	36.4	6.63	43.5	8.48	50.5	10.6	51.8	10.9	52.5	10.9	53.8	11.0	55.1	11.1
		23	36.4	7.08	43.5	9.1	50.4	11.3	51.1	11.4	51.7	11.4	53.0	11.5	54.4	11.6
		25	36.4	7.56	43.5	9.7	49.7	11.8	50.3	11.9	51.0	11.9	52.3	12.0	53.6	12.2
		27	36.4	8.08	43.5	10.4	49.0	12.3	49.6	12.4	50.3	12.4	51.6	12.6	52.9	12.7
		29	36.4	8.61	43.5	11.1	48.2	12.8	48.9	12.9	49.5	12.9	50.9	13.1	52.2	13.2
		31	36.4	9.2	43.5	11.9	47.5	13.3	48.1	13.4	48.8	13.4	50.1	13.6	51.4	13.7
		33	36.4	9.8	43.5	12.6	46.8	13.8	47.4	13.9	48.1	14.0	49.4	14.1	50.7	14.2
		35	36.4	10.4	43.5	13.5	46.0	14.3	46.7	14.4	47.3	14.5	48.7	14.6	50.0	14.8
		37	36.4	11.1	43.5	14.4	45.3	14.8	46.0	14.9	46.6	15.0	47.9	15.1	49.2	15.3
		39	36.4	11.8	43.2	15.2	44.6	15.3	45.2	15.4	45.9	15.5	47.2	15.7	48.5	15.8
110	49.50	10	33.4	5.43	39.8	6.61	46.3	7.85	49.5	8.48	52.7	9.1	56.8	9.7	58.0	9.3
		12	33.4	5.52	39.8	6.73	46.3	7.99	49.5	8.64	52.7	9.3	56.1	9.6	57.3	9.3
		14	33.4	5.62	39.8	6.86	46.3	8.15	49.5	8.81	52.7	9.5	55.3	9.6	56.5	9.3
		16	33.4	5.73	39.8	6.99	46.3	8.31	49.5	9.0	52.7	9.7	54.6	9.7	55.8	9.8
		18	33.4	5.84	39.8	7.13	46.3	8.47	49.5	9.2	52.7	10.1	53.9	10.2	55.1	10.3
		20	33.4	5.95	39.8	7.27	46.3	9.0	49.5	9.9	51.9	10.6	53.1	10.7	54.3	10.8
		21	33.4	6.01	39.8	7.49	46.3	9.3	49.5	10.3	51.6	10.9	52.8	11.0	54.0	11.0
		23	33.4	6.29	39.8	8.02	46.3	10.0	49.5	11.0	50.8	11.4	52.0	11.5	53.2	11.6
		25	33.4	6.72	39.8	8.58	46.3	10.7	49.5	11.8	50.1	11.9	51.3	12.0	52.5	12.1
		27	33.4	7.17	39.8	9.2	46.3	11.4	48.8	12.3	49.4	12.4	50.6	12.5	51.8	12.6
		29	33.4	7.64	39.8	9.8	46.3	12.2	48.0	12.8	48.6	12.9	49.8	13.0	51.0	13.1
		31	33.4	8.13	39.8	10.4	46.3	13.0	47.3	13.3	47.9	13.4	49.1	13.5	50.3	13.6
		33	33.4	8.66	39.8	11.1	46.0	13.7	46.6	13.8	47.2	13.9	48.4	14.0	49.6	14.1
		35	33.4	9.2	39.8	11.8	45.2	14.2	45.8	14.3	46.4	14.4	47.6	14.5	48.9	14.6
		37	33.4	9.8	39.8	12.6	44.5	14.7	45.1	14.8	45.7	14.9	46.9	15.0	48.1	15.2
		39	33.4	10.4	39.8	13.4	43.8	15.2	44.4	15.3	45.0	15.4	46.2	15.5	47.4	15.7
100	45.00	10	30.4	4.89	36.2	5.93	42.1	7.03	45.0	7.60	47.9	8.17	53.8	9.3	56.9	9.7
		12	30.4	4.98	36.2	6.04	42.1	7.16	45.0	7.74	47.9	8.32	53.8	9.5	56.2	9.6
		14	30.4	5.07	36.2	6.15	42.1	7.30	45.0	7.89	47.9	8.48	53.8	9.7	55.4	9.6
		16	30.4	5.16	36.2	6.27	42.1	7.44	45.0	8.04	47.9	8.65	53.6	9.8	54.7	9.7
		18	30.4	5.26	36.2	6.39	42.1	7.59	45.0	8.20	47.9	8.82	52.9	10.1	54.0	10.2
		20	30.4	5.36	36.2	6.52	42.1	7.81	45.0	8.61	47.9	9.4	52.1	10.6	53.2	10.7
		21	30.4	5.41	36.2	6.58	42.1	8.09	45.0	8.9	47.9	9.8	51.8	10.9	52.9	11.0
		23	30.4	5.55	36.2	7.02	42.1	8.67	45.0	9.6	47.9	10.5	51.0	11.4	52.1	11.5
		25	30.4	5.92	36.2	7.50	42.1	9.3	45.0	10.2	47.9	11.2	50.3	11.9	51.4	12.0
		27	30.4	6.31	36.2	8.01	42.1	9.9	45.0	10.9	47.9	12.0	49.6	12.4	50.7	12.5
		29	30.4	6.72	36.2	8.54	42.1	10.6	45.0	11.7	47.7	12.8	48.8	12.9	49.9	13.0
		31	30.4	7.15	36.2	9.1	42.1	11.3	45.0	12.5	47.0	13.3	48.1	13.4	49.2	13.5
		33	30.4	7.60	36.2	9.7	42.1	12.0	45.0	13.3	46.3	13.8	47.4	13.9	48.5	14.0
		35	30.4	8.08	36.2	10.3	42.1	12.8	45.0	14.2	45.5	14.3	46.6	14.4	47.7	14.5
		37	30.4	8.59	36.2	11.0	42.1	13.7	44.3	14.7	44.8	14.8	45.9	14.9	47.0	15.0
		39	30.4	9.1	36.2	11.7	42.1	14.6	43.5	15.2	44.1	15.3	45.2	15.4	46.3	15.6

NOTES

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

2 When indoor models FXFQ20M, FXFQ25M and VKM-models are connected, the maximum connection ratio is 130%.

3 Capacity tables

3 - 1 Cooling capacity tables

RXQ16P

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

Combination (%)	Capacity index (kW)	Outdoor air temp.	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
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	40.50	10	27.3	4.38	32.6	5.28	37.9	6.24	40.5	6.73	43.1	7.23	48.4	8.26	53.7	9.3
		12	27.3	4.45	32.6	5.38	37.9	6.35	40.5	6.86	43.1	7.37	48.4	8.42	53.7	9.5
		14	27.3	4.53	32.6	5.47	37.9	6.47	40.5	6.99	43.1	7.51	48.4	8.58	53.7	9.7
		16	27.3	4.61	32.6	5.57	37.9	6.59	40.5	7.12	43.1	7.66	48.4	8.75	53.6	9.8
		18	27.3	4.69	32.6	5.68	37.9	6.72	40.5	7.26	43.1	7.81	48.4	8.9	52.8	10.1
		20	27.3	4.78	32.6	5.79	37.9	6.86	40.5	7.41	43.1	8.10	48.4	9.6	52.1	10.6
		21	27.3	4.82	32.6	5.85	37.9	6.97	40.5	7.66	43.1	8.39	48.4	9.9	51.7	10.9
		23	27.3	4.92	32.6	6.09	37.9	7.46	40.5	8.21	43.1	9.0	48.4	10.7	51.0	11.4
		25	27.3	5.18	32.6	6.50	37.9	7.98	40.5	8.78	43.1	9.6	48.4	11.4	50.3	11.9
		27	27.3	5.51	32.6	6.93	37.9	8.52	40.5	9.4	43.1	10.3	48.4	12.2	49.5	12.4
		29	27.3	5.87	32.6	7.39	37.9	9.1	40.5	10.0	43.1	11.0	47.8	12.8	48.8	12.9
		31	27.3	6.24	32.6	7.87	37.9	9.7	40.5	10.7	43.1	11.7	47.1	13.3	48.1	13.4
		33	27.3	6.62	32.6	8.37	37.9	10.3	40.5	11.4	43.1	12.5	46.4	13.8	47.4	13.9
		35	27.3	7.03	32.6	8.9	37.9	11.0	40.5	12.1	43.1	13.3	45.6	14.3	46.6	14.4
		37	27.3	7.46	32.6	9.5	37.9	11.7	40.5	12.9	43.1	14.2	44.9	14.8	45.9	14.9
		39	27.3	7.92	32.6	10.1	37.9	12.5	40.5	13.8	43.1	15.1	44.2	15.3	45.2	15.4
80	36.00	10	24.3	3.89	29.0	4.66	33.7	5.47	36.0	5.89	38.3	6.32	43.0	7.21	47.7	8.13
		12	24.3	3.95	29.0	4.74	33.7	5.57	36.0	6.00	38.3	6.44	43.0	7.35	47.7	8.28
		14	24.3	4.02	29.0	4.82	33.7	5.67	36.0	6.11	38.3	6.56	43.0	7.49	47.7	8.44
		16	24.3	4.08	29.0	4.91	33.7	5.78	36.0	6.23	38.3	6.69	43.0	7.63	47.7	8.60
		18	24.3	4.15	29.0	5.00	33.7	5.89	36.0	6.35	38.3	6.82	43.0	7.78	47.7	8.77
		20	24.3	4.23	29.0	5.09	33.7	6.00	36.0	6.47	38.3	6.95	43.0	8.07	47.7	9.4
		21	24.3	4.27	29.0	5.14	33.7	6.06	36.0	6.54	38.3	7.10	43.0	8.36	47.7	9.7
		23	24.3	4.34	29.0	5.24	33.7	6.35	36.0	6.96	38.3	7.60	43.0	9.0	47.7	10.4
		25	24.3	4.49	29.0	5.57	33.7	6.79	36.0	7.44	38.3	8.12	43.0	9.6	47.7	11.2
		27	24.3	4.77	29.0	5.94	33.7	7.24	36.0	7.94	38.3	8.67	43.0	10.2	47.7	11.9
		29	24.3	5.07	29.0	6.32	33.7	7.72	36.0	8.47	38.3	9.3	43.0	10.9	47.7	12.8
		31	24.3	5.38	29.0	6.72	33.7	8.22	36.0	9.0	38.3	9.9	43.0	11.7	47.0	13.3
		33	24.3	5.71	29.0	7.15	33.7	8.75	36.0	9.6	38.3	10.5	43.0	12.4	46.2	13.8
		35	24.3	6.06	29.0	7.59	33.7	9.3	36.0	10.2	38.3	11.2	43.0	13.3	45.5	14.3
		37	24.3	6.42	29.0	8.06	33.7	9.9	36.0	10.9	38.3	11.9	43.0	14.1	44.8	14.8
		39	24.3	6.81	29.0	8.56	33.7	10.5	36.0	11.6	38.3	12.7	43.0	15.1	44.0	15.3
70	31.50	10	21.3	3.42	25.4	4.06	29.5	4.74	31.5	5.09	33.5	5.45	37.6	6.20	41.7	6.97
		12	21.3	3.47	25.4	4.12	29.5	4.82	31.5	5.18	33.5	5.55	37.6	6.31	41.7	7.10
		14	21.3	3.53	25.4	4.19	29.5	4.90	31.5	5.27	33.5	5.65	37.6	6.43	41.7	7.23
		16	21.3	3.58	25.4	4.26	29.5	4.99	31.5	5.37	33.5	5.75	37.6	6.55	41.7	7.37
		18	21.3	3.64	25.4	4.34	29.5	5.08	31.5	5.47	33.5	5.86	37.6	6.68	41.7	7.52
		20	21.3	3.70	25.4	4.42	29.5	5.18	31.5	5.57	33.5	5.98	37.6	6.81	41.7	7.73
		21	21.3	3.73	25.4	4.46	29.5	5.23	31.5	5.63	33.5	6.04	37.6	6.92	41.7	8.00
		23	21.3	3.80	25.4	4.54	29.5	5.34	31.5	5.82	33.5	6.33	37.6	7.40	41.7	8.57
		25	21.3	3.87	25.4	4.72	29.5	5.69	31.5	6.21	33.5	6.76	37.6	7.91	41.7	9.2
		27	21.3	4.09	25.4	5.02	29.5	6.06	31.5	6.62	33.5	7.21	37.6	8.45	41.7	9.8
		29	21.3	4.34	25.4	5.34	29.5	6.46	31.5	7.05	33.5	7.68	37.6	9.0	41.7	10.5
		31	21.3	4.60	25.4	5.67	29.5	6.87	31.5	7.51	33.5	8.18	37.6	9.6	41.7	11.2
		33	21.3	4.87	25.4	6.02	29.5	7.30	31.5	7.99	33.5	8.71	37.6	10.2	41.7	11.9
		35	21.3	5.16	25.4	6.39	29.5	7.76	31.5	8.49	33.5	9.3	37.6	10.9	41.7	12.7
		37	21.3	5.46	25.4	6.78	29.5	8.24	31.5	9.0	33.5	9.8	37.6	11.6	41.7	13.5
		39	21.3	5.78	25.4	7.18	29.5	8.75	31.5	9.6	33.5	10.5	37.6	12.4	41.7	14.4
60	27.00	10	18.2	2.97	21.7	3.49	25.2	4.04	27.0	4.33	28.8	4.62	32.3	5.22	35.8	5.85
		12	18.2	3.02	21.7	3.54	25.2	4.11	27.0	4.40	28.8	4.70	32.3	5.32	35.8	5.96
		14	18.2	3.06	21.7	3.60	25.2	4.17	27.0	4.47	28.8	4.78	32.3	5.41	35.8	6.07
		16	18.2	3.11	21.7	3.66	25.2	4.25	27.0	4.55	28.8	4.87	32.3	5.51	35.8	6.18
		18	18.2	3.15	21.7	3.72	25.2	4.32	27.0	4.63	28.8	4.95	32.3	5.62	35.8	6.30
		20	18.2	3.20	21.7	3.78	25.2	4.40	27.0	4.72	28.8	5.05	32.3	5.72	35.8	6.43
		21	18.2	3.23	21.7	3.81	25.2	4.44	27.0	4.76	28.8	5.09	32.3	5.78	35.8	6.49
		23	18.2	3.28	21.7	3.88	25.2	4.52	27.0	4.85	28.8	5.19	32.3	6.01	35.8	6.90
		25	18.2	3.34	21.7	3.95	25.2	4.70	27.0	5.10	28.8	5.52	32.3	6.41	35.8	7.37
		27	18.2	3.46	21.7	4.19	25.2	5.00	27.0	5.43	28.8	5.88	32.3	6.84	35.8	7.87
		29	18.2	3.66	21.7	4.45	25.2	5.31	27.0	5.78	28.8	6.26	32.3	7.29	35.8	8.39
		31	18.2	3.88	21.7	4.72	25.2	5.64	27.0	6.14	28.8	6.66	32.3	7.76	35.8	8.9
		33	18.2	4.10	21.7	5.00	25.2	5.99	27.0	6.52	28.8	7.07	32.3	8.25	35.8	9.5
		35	18.2	4.34	21.7	5.30	25.2	6.36	27.0	6.92	28.8	7.52	32.3	8.78	35.8	10.1
		37	18.2	4.59	21.7	5.61	25.2	6.74	27.0	7.35	28.8	7.98	32.3	9.3	35.8	10.8
		39	18.2	4.84	21.7	5.94	25.2	7.14	27.0	7.79	28.8	8.47	32.3	9.9	35.8	11.5
50	22.50	10	15.2	2.56	18.1	2.96	21.0	3.39	22.5	3.61	24.0	3.84	26.9	4.31	29.8	4.80
		12	15.2	2.59	18.1	3.00	21.0	3.44	22.5	3.66	24.0	3.90	26.9	4.38	29.8	4.88
		14	15.2	2.62	18.1	3.04	21.0	3.49	22.5	3.72	24.0	3.96	26.9	4.45	29.8	4.97
		16	15.2	2.66	18.1	3.09	21.0	3.55	22.5	3.78	24.0	4.03	26.9	4.53	29.8	5.06
		18	15.2	2.70	18.1	3.14	21.0	3.60	22.5	3.85	24.0	4.10	26.9	4.61	29.8	5.15
		20	15.2	2.73	18.1	3.19	21.0	3.66	22.5	3.91	24.0	4.17	26.9	4.70	29.8	5.25
		21	15.2	2.75	18.1	3.21	21.0	3.70	22.5	3.95	24.0	4.21	26.9	4.74	29.8	5.30
		23	15.2	2.80	18.1	3.26	21.0	3.76	22.5	4.02	24.0	4.28	26.9	4.83	29.8	5.42
		25	15.2	2.84	18.1	3.32	21.0	3.83	22.5	4.10	24.0	4.41	26.9	5.07	29.8	5.78
		27	15.2	2.88	18.1	3.44	21.0	4.04	22.5	4.36	24.0	4.69	26.9	5.40	29.8	6.16
		29	15.2	3.05	18.1	3.64	21.0	4.29	22.5	4.63	24.0	4.99	26.9	5.75	29.8	6.56
		31	15.2	3.22	18.1	3.85	21.0	4.54	22.5	4.91	24.0	5.30	26.9	6.11	29.8	6.98
		33	15.2	3.40	18.1	4.08	21.0	4.81	22.5	5.21	24.0	5.62	26.9	6.49	29.8	7.42
		35	15.2	3.59	18.1	4.31	21.0	5.10	22.5	5.52	24.0	5.96	26.9	6.89	29.8	7.89
		37	15.2	3.79	18.1	4.55	21.0	5.40	22.5	5.85	24.0	6.31	26.9	7.31	29.8	8.38
		39	15.2	3.99	18.1	4.81	21.0	5.71	22.5	6.19	24.0	6.69	26.9	7.75	29.8	8.9

3 Capacity tables

3 - 1 Cooling capacity tables

RXQ18P

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

Combination (%)	Capacity index (kW)	Outdoor air temp.	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
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	63.70	10	43.0	7.46	51.3	9.13	59.6	10.9	61.7	11.1	62.5	10.9	64.0	10.41	65.6	9.94
		12	43.0	7.60	51.3	9.30	59.6	11.1	60.9	11.0	61.7	10.8	63.2	10.34	64.8	10.18
		14	43.0	7.74	51.3	9.48	59.3	11.2	60.1	11.0	60.9	10.7	62.4	10.7	64.0	10.8
		16	43.0	7.89	51.3	9.67	58.5	11.1	59.3	11.1	60.1	11.1	61.6	11.2	63.2	11.3
		18	43.0	8.04	51.3	9.86	57.8	11.6	58.5	11.6	59.3	11.7	60.9	11.8	62.4	11.9
		20	43.0	8.20	51.3	10.50	57.0	12.1	57.7	12.2	58.5	12.3	60.1	12.4	61.6	12.5
		21	43.0	8.43	51.3	10.9	56.6	12.4	57.3	12.5	58.1	12.5	59.7	12.7	61.2	12.8
		23	43.0	9.03	51.3	11.7	55.8	13.0	56.5	13.1	57.3	13.1	58.9	13.3	60.4	13.4
		25	43.0	9.66	51.3	12.5	55.0	13.6	55.7	13.6	56.5	13.7	58.1	13.8	59.6	14.0
		27	43.0	10.32	51.3	13.4	54.2	14.1	54.9	14.2	55.7	14.3	57.3	14.4	58.8	14.6
		29	43.0	11.0	51.3	14.3	53.4	14.7	54.1	14.8	54.9	14.9	56.5	15.0	58.0	15.2
		31	43.0	11.7	51.0	15.1	52.6	15.3	53.3	15.4	54.1	15.4	55.7	15.6	57.2	15.8
		33	43.0	12.5	50.2	15.7	51.8	15.9	52.5	15.9	53.3	16.0	54.9	16.2	56.4	16.4
		35	43.0	13.3	49.4	16.3	51.0	16.4	51.8	16.5	52.5	16.6	54.1	16.8	55.6	17.0
		37	43.0	14.2	48.6	16.8	50.2	17.0	51.0	17.1	51.7	17.2	53.3	17.4	54.8	17.6
		39	43.0	15.1	47.8	17.4	49.4	17.6	50.2	17.7	50.9	17.8	52.5	18.0	54.0	18.2
120	58.80	10	39.7	6.82	47.3	8.33	55.0	9.90	58.8	10.7	61.5	11.1	62.9	10.7	64.4	10.31
		12	39.7	6.94	47.3	8.48	55.0	10.09	58.8	10.9	60.7	11.1	62.1	10.7	63.6	10.23
		14	39.7	7.07	47.3	8.64	55.0	10.28	58.8	11.1	59.9	11.0	61.3	10.6	62.8	10.7
		16	39.7	7.20	47.3	8.81	55.0	10.48	58.4	11.2	59.1	11.1	60.6	11.2	62.0	11.3
		18	39.7	7.34	47.3	8.99	55.0	10.8	57.6	11.6	58.3	11.6	59.8	11.7	61.2	11.8
		20	39.7	7.49	47.3	9.34	55.0	11.7	56.8	12.1	57.5	12.2	59.0	12.3	60.4	12.4
		21	39.7	7.56	47.3	9.67	55.0	12.1	56.4	12.4	57.1	12.5	58.6	12.6	60.0	12.7
		23	39.7	8.08	47.3	10.37	54.9	12.9	55.6	13.0	56.3	13.0	57.8	13.2	59.2	13.3
		25	39.7	8.63	47.3	11.1	54.1	13.5	54.8	13.5	55.5	13.6	57.0	13.7	58.4	13.9
		27	39.7	9.21	47.3	11.9	53.3	14.0	54.0	14.1	54.7	14.2	56.2	14.3	57.6	14.5
		29	39.7	9.83	47.3	12.7	52.5	14.6	53.2	14.7	53.9	14.8	55.4	14.9	56.8	15.1
		31	39.7	10.47	47.3	13.5	51.7	15.2	52.4	15.3	53.1	15.3	54.6	15.5	56.0	15.6
		33	39.7	11.2	47.3	14.4	50.9	15.8	51.6	15.8	52.3	15.9	53.8	16.1	55.2	16.2
		35	39.7	11.9	47.3	15.4	50.1	16.3	50.8	16.4	51.5	16.5	53.0	16.7	54.4	16.8
		37	39.7	12.6	47.3	16.4	49.3	16.9	50.0	17.0	50.8	17.1	52.2	17.3	53.6	17.5
		39	39.7	13.4	47.1	17.3	48.5	17.5	49.2	17.6	50.0	17.7	51.4	17.9	52.8	18.1
110	53.90	10	36.4	6.19	43.4	7.54	50.4	8.95	53.9	9.67	57.4	10.41	61.8	11.0	63.2	10.7
		12	36.4	6.30	43.4	7.68	50.4	9.12	53.9	9.86	57.4	10.6	61.1	11.0	62.4	10.6
		14	36.4	6.42	43.4	7.82	50.4	9.29	53.9	10.05	57.4	10.8	60.3	10.9	61.6	10.6
		16	36.4	6.53	43.4	7.97	50.4	9.47	53.9	10.24	57.4	11.0	59.5	11.1	60.8	11.2
		18	36.4	6.66	43.4	8.13	50.4	9.66	53.9	10.52	57.3	11.5	58.7	11.6	60.0	11.7
		20	36.4	6.79	43.4	8.29	50.4	10.24	53.9	11.3	56.6	12.1	57.9	12.2	59.2	12.3
		21	36.4	6.85	43.4	8.54	50.4	10.6	53.9	11.7	56.2	12.4	57.5	12.5	58.8	12.6
		23	36.4	7.18	43.4	9.15	50.4	11.4	53.9	12.6	55.4	13.0	56.7	13.1	58.0	13.2
		25	36.4	7.66	43.4	9.78	50.4	12.2	53.9	13.5	54.6	13.5	55.9	13.6	57.2	13.8
		27	36.4	8.17	43.4	10.45	50.4	13.0	53.1	14.0	53.8	14.1	55.1	14.2	56.4	14.3
		29	36.4	8.71	43.4	11.2	50.4	13.9	52.3	14.6	53.0	14.7	54.3	14.8	55.6	14.9
		31	36.4	9.28	43.4	11.9	50.4	14.9	51.5	15.2	52.2	15.2	53.5	15.4	54.8	15.5
		33	36.4	9.88	43.4	12.7	50.1	15.7	50.7	15.7	51.4	15.8	52.7	16.0	54.0	16.1
		35	36.4	10.50	43.4	13.5	49.3	16.2	49.9	16.3	50.6	16.4	51.9	16.5	53.2	16.7
		37	36.4	11.2	43.4	14.4	48.5	16.8	49.1	16.9	49.8	17.0	51.1	17.1	52.4	17.3
		39	36.4	11.9	43.4	15.3	47.7	17.4	48.3	17.5	49.0	17.6	50.3	17.7	51.6	17.9
100	49.00	10	33.1	5.58	39.4	6.77	45.8	8.02	49.0	8.66	52.2	9.32	58.6	10.7	61.9	11.0
		12	33.1	5.68	39.4	6.89	45.8	8.17	49.0	8.83	52.2	9.50	58.6	10.9	61.1	11.0
		14	33.1	5.78	39.4	7.02	45.8	8.33	49.0	9.00	52.2	9.68	58.6	11.1	60.4	10.9
		16	33.1	5.89	39.4	7.15	45.8	8.49	49.0	9.17	52.2	9.87	58.4	11.2	59.6	11.1
		18	33.1	6.00	39.4	7.29	45.8	8.65	49.0	9.35	52.2	10.06	57.6	11.6	58.8	11.7
		20	33.1	6.11	39.4	7.44	45.8	8.92	49.0	9.82	52.2	10.8	56.8	12.1	58.0	12.2
		21	33.1	6.17	39.4	7.51	45.8	9.23	49.0	10.18	52.2	11.2	56.4	12.4	57.6	12.5
		23	33.1	6.33	39.4	8.01	45.8	9.89	49.0	10.9	52.2	12.0	55.6	13.0	56.8	13.1
		25	33.1	6.76	39.4	8.56	45.8	10.58	49.0	11.7	52.2	12.8	54.8	13.5	56.0	13.7
		27	33.1	7.20	39.4	9.13	45.8	11.3	49.0	12.5	52.2	13.7	54.0	14.1	55.2	14.2
		29	33.1	7.67	39.4	9.74	45.8	12.1	49.0	13.3	52.0	14.6	53.2	14.7	54.4	14.8
		31	33.1	8.16	39.4	10.38	45.8	12.9	49.0	14.2	51.2	15.1	52.4	15.3	53.6	15.4
		33	33.1	8.68	39.4	11.1	45.8	13.7	49.0	15.2	50.4	15.7	51.6	15.8	52.8	16.0
		35	33.1	9.22	39.4	11.8	45.8	14.6	49.0	16.2	49.6	16.3	50.8	16.4	52.0	16.6
		37	33.1	9.80	39.4	12.5	45.8	15.6	48.2	16.8	48.8	16.8	50.0	17.0	51.2	17.1
		39	33.1	10.40	39.4	13.3	45.8	16.6	47.4	17.3	48.0	17.4	49.2	17.6	50.4	17.7

NOTES

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

2 When indoor models FXFQ20M, FXFQ25M and VKM-models are connected, the maximum connection ratio is 130%.

3 Capacity tables

3 - 1 Cooling capacity tables

RXQ18P

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

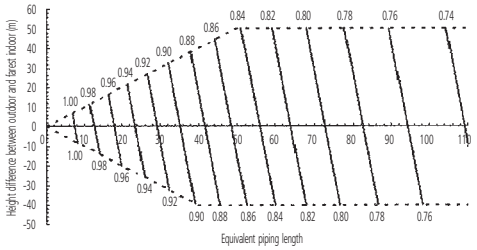
Combination (%)	Capacitry index (kW)	Outdoor air temp.	Indoor air temperature: °CWB													
			14.0		16.0		18.0		19.0		20.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90	44.10	10	29.8	5.00	35.5	6.03	41.2	7.12	44.1	7.68	47.0	8.25	52.7	9.43	58.4	10.6
		12	29.8	5.08	35.5	6.13	41.2	7.25	44.1	7.82	47.0	8.41	52.7	9.60	58.4	10.8
		14	29.8	5.17	35.5	6.24	41.2	7.38	44.1	7.97	47.0	8.57	52.7	9.79	58.4	11.0
		16	29.8	5.26	35.5	6.36	41.2	7.52	44.1	8.12	47.0	8.73	52.7	9.98	58.3	11.2
		18	29.8	5.35	35.5	6.48	41.2	7.67	44.1	8.28	47.0	8.91	52.7	10.18	57.5	11.6
		20	29.8	5.45	35.5	6.61	41.2	7.82	44.1	8.45	47.0	9.24	52.7	10.9	56.7	12.1
		21	29.8	5.50	35.5	6.67	41.2	7.96	44.1	8.74	47.0	9.57	52.7	11.3	56.3	12.4
		23	29.8	5.61	35.5	6.95	41.2	8.52	44.1	9.36	47.0	10.25	52.7	12.2	55.5	13.0
		25	29.8	5.91	35.5	7.42	41.2	9.10	44.1	10.01	47.0	11.0	52.7	13.0	54.8	13.5
		27	29.8	6.29	35.5	7.91	41.2	9.72	44.1	10.7	47.0	11.7	52.7	13.9	54.0	14.1
		29	29.8	6.69	35.5	8.43	41.2	10.37	44.1	11.4	47.0	12.5	52.1	14.6	53.2	14.7
		31	29.8	7.11	35.5	8.97	41.2	11.1	44.1	12.2	47.0	13.4	51.3	15.1	52.4	15.3
		33	29.8	7.56	35.5	9.55	41.2	11.8	44.1	13.0	47.0	14.3	50.5	15.7	51.6	15.8
		35	29.8	8.02	35.5	10.16	41.2	12.5	44.1	13.8	47.0	15.2	49.7	16.3	50.8	16.4
		37	29.8	8.52	35.5	10.8	41.2	13.4	44.1	14.7	47.0	16.2	48.9	16.9	50.0	17.0
		39	29.8	9.03	35.5	11.5	41.2	14.2	44.1	15.7	47.0	17.3	48.1	17.4	49.2	17.6
80	39.20	10	26.5	4.44	31.6	5.31	36.7	6.24	39.2	6.72	41.7	7.22	46.8	8.23	51.9	9.27
		12	26.5	4.51	31.6	5.40	36.7	6.35	39.2	6.85	41.7	7.35	46.8	8.38	51.9	9.44
		14	26.5	4.58	31.6	5.50	36.7	6.47	39.2	6.97	41.7	7.49	46.8	8.54	51.9	9.63
		16	26.5	4.66	31.6	5.60	36.7	6.59	39.2	7.10	41.7	7.63	46.8	8.71	51.9	9.81
		18	26.5	4.74	31.6	5.70	36.7	6.72	39.2	7.24	41.7	7.78	46.8	8.88	51.9	10.01
		20	26.5	4.82	31.6	5.81	36.7	6.85	39.2	7.38	41.7	7.93	46.8	9.20	51.9	10.7
		21	26.5	4.87	31.6	5.86	36.7	6.91	39.2	7.46	41.7	8.10	46.8	9.53	51.9	11.1
		23	26.5	4.96	31.6	5.97	36.7	7.25	39.2	7.94	41.7	8.67	46.8	10.21	51.9	11.9
		25	26.5	5.12	31.6	6.36	36.7	7.74	39.2	8.49	41.7	9.26	46.8	10.9	51.9	12.7
		27	26.5	5.44	31.6	6.78	36.7	8.26	39.2	9.06	41.7	9.89	46.8	11.7	51.9	13.6
		29	26.5	5.79	31.6	7.21	36.7	8.80	39.2	9.66	41.7	10.56	46.8	12.5	51.9	14.6
		31	26.5	6.14	31.6	7.67	36.7	9.38	39.2	10.29	41.7	11.3	46.8	13.3	51.1	15.1
		33	26.5	6.52	31.6	8.15	36.7	9.98	39.2	11.0	41.7	12.0	46.8	14.2	50.3	15.7
		35	26.5	6.91	31.6	8.66	36.7	10.6	39.2	11.7	41.7	12.8	46.8	15.1	49.6	16.3
		37	26.5	7.33	31.6	9.20	36.7	11.3	39.2	12.4	41.7	13.6	46.8	16.1	48.8	16.8
		39	26.5	7.77	31.6	9.76	36.7	12.0	39.2	13.2	41.7	14.5	46.8	17.2	48.0	17.4
70	34.30	10	23.1	3.90	27.6	4.63	32.1	5.40	34.3	5.81	36.5	6.22	41.0	7.07	45.5	7.95
		12	23.1	3.96	27.6	4.70	32.1	5.50	34.3	5.91	36.5	6.33	41.0	7.20	45.5	8.10
		14	23.1	4.02	27.6	4.78	32.1	5.59	34.3	6.01	36.5	6.45	41.0	7.33	45.5	8.25
		16	23.1	4.09	27.6	4.87	32.1	5.69	34.3	6.12	36.5	6.57	41.0	7.47	45.5	8.41
		18	23.1	4.15	27.6	4.95	32.1	5.80	34.3	6.24	36.5	6.69	41.0	7.62	45.5	8.58
		20	23.1	4.22	27.6	5.04	32.1	5.91	34.3	6.36	36.5	6.82	41.0	7.77	45.5	8.81
		21	23.1	4.26	27.6	5.09	32.1	5.96	34.3	6.42	36.5	6.89	41.0	7.89	45.5	9.13
		23	23.1	4.33	27.6	5.18	32.1	6.09	34.3	6.64	36.5	7.22	41.0	8.45	45.5	9.78
		25	23.1	4.41	27.6	5.39	32.1	6.49	34.3	7.09	36.5	7.71	41.0	9.03	45.5	10.46
		27	23.1	4.66	27.6	5.73	32.1	6.92	34.3	7.56	36.5	8.22	41.0	9.64	45.5	11.2
		29	23.1	4.95	27.6	6.09	32.1	7.37	34.3	8.05	36.5	8.76	41.0	10.29	45.5	11.9
		31	23.1	5.25	27.6	6.47	32.1	7.84	34.3	8.57	36.5	9.33	41.0	11.0	45.5	12.7
		33	23.1	5.56	27.6	6.87	32.1	8.33	34.3	9.11	36.5	9.93	41.0	11.7	45.5	13.6
		35	23.1	5.89	27.6	7.29	32.1	8.85	34.3	9.69	36.5	10.57	41.0	12.4	45.5	14.5
		37	23.1	6.23	27.6	7.73	32.1	9.40	34.3	10.30	36.5	11.2	41.0	13.2	45.5	15.4
		39	23.1	6.60	27.6	8.20	32.1	9.98	34.3	10.9	36.5	11.9	41.0	14.1	45.5	16.4
60	29.40	10	19.8	3.39	23.7	3.98	27.5	4.61	29.4	4.93	31.3	5.27	35.1	5.96	39.0	6.68
		12	19.8	3.44	23.7	4.04	27.5	4.68	29.4	5.02	31.3	5.36	35.1	6.06	39.0	6.80
		14	19.8	3.49	23.7	4.11	27.5	4.76	29.4	5.10	31.3	5.45	35.1	6.17	39.0	6.92
		16	19.8	3.54	23.7	4.17	27.5	4.84	29.4	5.19	31.3	5.55	35.1	6.29	39.0	7.06
		18	19.8	3.60	23.7	4.24	27.5	4.93	29.4	5.29	31.3	5.65	35.1	6.41	39.0	7.19
		20	19.8	3.65	23.7	4.31	27.5	5.02	29.4	5.38	31.3	5.76	35.1	6.53	39.0	7.33
		21	19.8	3.68	23.7	4.35	27.5	5.06	29.4	5.43	31.3	5.81	35.1	6.59	39.0	7.41
		23	19.8	3.74	23.7	4.43	27.5	5.16	29.4	5.54	31.3	5.92	35.1	6.85	39.0	7.87
		25	19.8	3.81	23.7	4.51	27.5	5.36	29.4	5.82	31.3	6.30	35.1	7.32	39.0	8.41
		27	19.8	3.94	23.7	4.78	27.5	5.70	29.4	6.19	31.3	6.71	35.1	7.80	39.0	8.98
		29	19.8	4.18	23.7	5.07	27.5	6.06	29.4	6.59	31.3	7.14	35.1	8.31	39.0	9.58
		31	19.8	4.42	23.7	5.38	27.5	6.44	29.4	7.00	31.3	7.59	35.1	8.85	39.0	10.20
		33	19.8	4.68	23.7	5.70	27.5	6.83	29.4	7.44	31.3	8.07	35.1	9.42	39.0	10.9
		35	19.8	4.95	23.7	6.04	27.5	7.25	29.4	7.90	31.3	8.57	35.1	10.01	39.0	11.6
		37	19.8	5.23	23.7	6.40	27.5	7.69	29.4	8.38	31.3	9.10	35.1	10.6	39.0	12.3
		39	19.8	5.53	23.7	6.77	27.5	8.15	29.4	8.89	31.3	9.66	35.1	11.3	39.0	13.1
50	24.50	10	16.5	2.92	19.7	3.37	22.9	3.86	24.5	4.12	26.1	4.38	29.3	4.91	32.5	5.47
		12	16.5	2.95	19.7	3.42	22.9	3.92	24.5	4.18	26.1	4.45	29.3	5.00	32.5	5.57
		14	16.5	2.99	19.7	3.47	22.9	3.98	24.5	4.25	26.1	4.52	29.3	5.08	32.5	5.67
		16	16.5	3.03	19.7	3.52	22.9	4.05	24.5	4.32	26.1	4.59	29.3	5.17	32.5	5.77
		18	16.5	3.08	19.7	3.58	22.9	4.11	24.5	4.39	26.1	4.67	29.3	5.26	32.5	5.88
		20	16.5	3.12	19.7	3.63	22.9	4.18	24.5	4.46	26.1	4.76	29.3	5.36	32.5	5.99
		21	16.5	3.14	19.7	3.66	22.9	4.22	24.5	4.50	26.1	4.80	29.3	5.41	32.5	6.04
		23	16.5	3.19	19.7	3.72	22.9	4.29	24.5	4.58	26.1	4.89	29.3	5.51	32.5	6.18
		25	16.5	3.24	19.7	3.78	22.9	4.37	24.5	4.68	26.1	5.04	29.3	5.79	32.5	6.60
		27	16.5	3.29	19.7	3.92	22.9	4.61	24.5	4.97	26.1	5.36	29.3	6.16	32.5	7.03
		29	16.5	3.48	19.7	4.15	22.9	4.89	24.5	5.28	26.1	5.69	29.3	6.56	32.5	7.48
		31	16.5	3.68	19.7	4.40	22.9	5.18	24.5	5.60	26.1	6.04	29.3	6.97	32.5	7.96
		33	16.5	3.88	19.7	4.65	22.9	5.49	24.5	5.94	26.1	6.41	29.3	7.40	32.5	8.47
		35	16.5	4.10	19.7	4.92	22.9	5.82	24.5	6.30	26.1	6.80	29.3	7.86	32.5	9.00
		37	16.5	4.32	19.7	5.20	22.9	6.16	24.5	6.67	26.1	7.20	29.3	8.34	32.5	9.56
		39	16.5	4.56	19.7	5.49	22.9	6.51	24.5	7.06	26.1	7.63	29.3	8.84	32.5	10.15

3 Capacity tables

3 - 2 Capacity correction factor

RXQ5P

- Correction ratio for cooling capacity



3TW27302-6

NOTES

1 These figures illustrate the correction ratio for piping length in capacity for 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 capacity correction ratio, shown in the above figures.

2 With this outdoor unit, constant evaporating pressure control when cooling.

3 Method of calculating the capacity of the outdoor units:
The maximum capacity of the system will be either the total capacity of the indoor units or the maximum capacity of the outdoor units as mentioned below, whichever is smaller.

- Condition: Indoor connection ratio does not exceed 100%
  Maximum capacity of outdoor units = capacity of outdoor units from capacity table at 100% connection ratio x correction ratio of piping to farest indoor
- Condition: Indoor connection ratio exceeds 100%
  Maximum capacity of outdoor units = capacity of outdoor from capacity table at installed connection ratio x correction ratio of piping to farest indoor

4 When the overall equivalent pipe length is 90m or more, main gas and liquid pipe diameters must be increased..
For new diameters see below.

Model	gas pipe	liquid pipe
RXQ5P	ø 19.1	ø 9.5

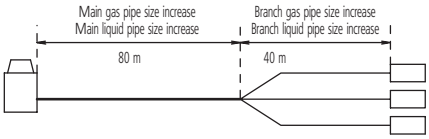
5 When the pipe length after the first refrigerant branch kit is more than 40m, pipe size between first and final branch kit must be increased (refer also to installation manual).
Diameter of main pipes (standard size)

Model	gas pipe	liquid pipe
RXQ5P	ø 15.9	ø 9.5

6 Equivalent length used in the above figures is based upon the following equivalent length.
Equivalent piping length = Equivalent length of main pipe x Correction factor + Equivalent length of branch pipes x Correction factor
Choose a correction factor from the following table.
When cooling capacity is calculated: gas pipe size.

	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

7 Example



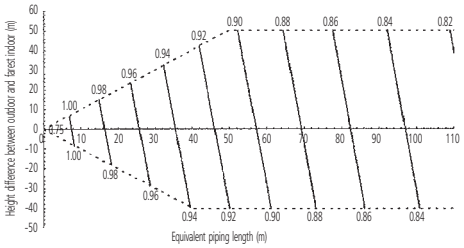
In the above case
(Cooling) Overall equivalent length = 80m x 0.5 + 40m x 1.0 = 80m
The rate of change in:
cooling capacity when height difference = 0 is thus approximately 0.78

3 Capacity tables

3 - 2 Capacity correction factor

RXQ8P

- Correction ratio for cooling capacity



3TW27302-6

NOTES

1 These figures illustrate the correction ratio for piping length in capacity for 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 capacity correction ratio, shown in the above figures.

2 With this outdoor unit, constant evaporating pressure control when cooling.

3 Method of calculating the capacity of the outdoor units:
The maximum capacity of the system will be either the total capacity of the indoor units or the maximum capacity of the outdoor units as mentioned below, whichever is smaller.

- Condition: Indoor connection ratio does not exceed 100%
  Maximum capacity of outdoor units = capacity of outdoor units from capacity table at 100% connection ratio x correction ratio of piping to farest indoor
- Condition: Indoor connection ratio exceeds 100%
  Maximum capacity of outdoor units = capacity of outdoor from capacity table at installed connection ratio x correction ratio of piping to farest indoor

4 When the overall equivalent pipe length is 90m or more, main gas and liquid pipe diameters must be increased..
For new diameters see below.

Model	gas pipe	liquid pipe
RXQ8P	ø 22.2	ø 12.7

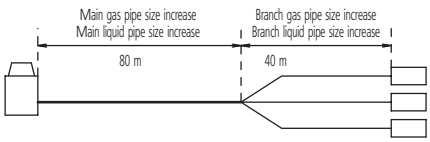
5 When the pipe length after the first refrigerant branch kit is more than 40m, pipe size between first and final branch kit must be increased (refer also to installation manual).
Diameter of main pipes (standard size)

Model	gas pipe	liquid pipe
RXQ8P	ø 19.1	ø 9.5

6 Equivalent length used in the above figures is based upon the following equivalent length.
Equivalent piping length = Equivalent length of main pipe x Correction factor + Equivalent length of branch pipes x Correction factor
Choose a correction factor from the following table.
When cooling capacity is calculated: gas pipe size.

	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

7 Example



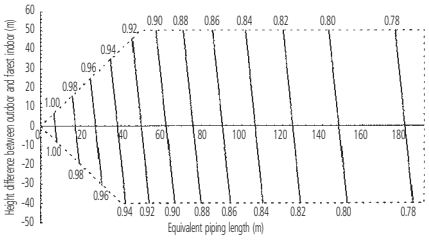
In the above case
(Cooling) Overall equivalent length = 80m x 0.5 + 40m x 1.0 = 80m
The rate of change in:
cooling capacity when height difference = 0 is thus approximately 0.86

3 Capacity tables

3 - 2 Capacity correction factor

RXQ10P

- Correction ratio for cooling capacity



3TW27302-6

NOTES

1 These figures illustrate the correction ratio for piping length in capacity for 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 capacity correction ratio, shown in the above figures.

2 With this outdoor unit, constant evaporating pressure control when cooling.

3 Method of calculating the capacity of the outdoor units:
The maximum capacity of the system will be either the total capacity of the indoor units or the maximum capacity of the outdoor units as mentioned below, whichever is smaller.

- Condition: Indoor connection ratio does not exceed 100%
  Maximum capacity of outdoor units = capacity of outdoor units from capacity table at 100% connection ratio x correction ratio of piping to farest indoor
- Condition: Indoor connection ratio exceeds 100%
  Maximum capacity of outdoor units = capacity of outdoor from capacity table at installed connection ratio x correction ratio of piping to farest indoor

4 When the overall equivalent pipe length is 90m or more, main gas and liquid pipe diameters must be increased..
For new diameters see below.

Model	gas pipe	liquid pipe
RXQ10P	ø 25.4*	ø 12.7

* If not available on site, do not increase. If not increased, no correction factor should be applied to the equivalent length (see note 6).

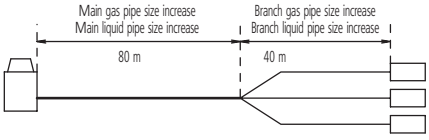
5 When the pipe length after the first refrigerant branch kit is more than 40m, pipe size between first and final branch kit must be increased (refer also to installation manual).
Diameter of main pipes (standard size)

Model	gas pipe	liquid pipe
RXQ10P	ø 22.2	ø 9.5

6 Equivalent length used in the above figures is based upon the following equivalent length.
Equivalent piping length = Equivalent length of main pipe x Correction factor + Equivalent length of branch pipes x Correction factor
Choose a correction factor from the following table.
When cooling capacity is calculated: gas pipe size.

	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

7 Example



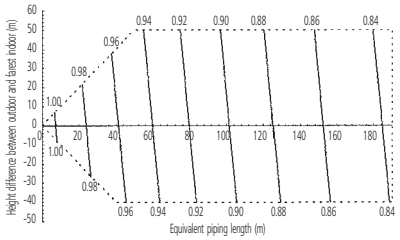
In the above case
(Cooling) Overall equivalent length = 80m x 0.5 + 40m x 1.0 = 80m
The rate of change in:
cooling capacity when height difference = 0 is thus approximately 0.87

3 Capacity tables

3 - 2 Capacity correction factor

RXQ12,14P

- Correction ratio for cooling capacity



3TW27302-6

NOTES

1 These figures illustrate the correction ratio for piping length in capacity for 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 capacity correction ratio, shown in the above figures.

2 With this outdoor unit, constant evaporating pressure control when cooling.

3 Method of calculating the capacity of the outdoor units:
The maximum capacity of the system will be either the total capacity of the indoor units or the maximum capacity of the outdoor units as mentioned below, whichever is smaller.

- Condition: Indoor connection ratio does not exceed 100%
  Maximum capacity of outdoor units = capacity of outdoor units from capacity table at 100% connection ratio x correction ratio of piping to farest indoor
- Condition: Indoor connection ratio exceeds 100%
  Maximum capacity of outdoor units = capacity of outdoor from capacity table at installed connection ratio x correction ratio of piping to farest indoor

4 When the overall equivalent pipe length is 90m or more, main gas and liquid pipe diameters must be increased..
For new diameters see below.

Model	gas pipe	liquid pipe
RXQ12-14P	ø 28.6	ø 15.9

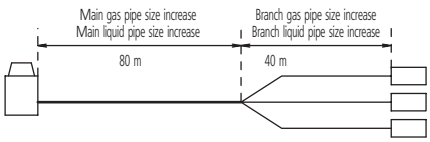
5 When the pipe length after the first refrigerant branch kit is more than 40m, pipe size between first and final branch kit must be increased (refer also to installation manual).
Diameter of main pipes (standard size)

Model	gas pipe	liquid pipe
RXQ12-14P	ø 28.6	ø 12.7

6 Equivalent length used in the above figures is based upon the following equivalent length.
Equivalent piping length = Equivalent length of main pipe x Correction factor + Equivalent length of branch pipes x Correction factor
Choose a correction factor from the following table.
When cooling capacity is calculated: gas pipe size.

	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

7 Example



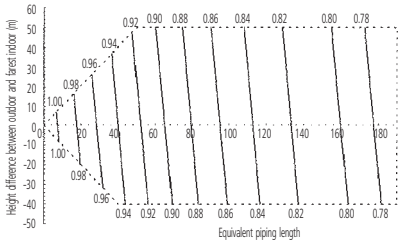
In the above case
(Cooling) Overall equivalent length = 80m x 1.0 + 40m x 1.0 = 120m
The rate of change in:
cooling capacity when height difference = 0 is thus approximately 0.89

3 Capacity tables

3 - 2 Capacity correction factor

RXQ16P

- Correction ratio for cooling capacity



3TW27302-6

NOTES

1 These figures illustrate the correction ratio for piping length in capacity for 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 capacity correction ratio, shown in the above figures.

2 With this outdoor unit, constant evaporating pressure control when cooling.

3 Method of calculating the capacity of the outdoor units:
The maximum capacity of the system will be either the total capacity of the indoor units or the maximum capacity of the outdoor units as mentioned below, whichever is smaller.

- Condition: Indoor connection ratio does not exceed 100%
  Maximum capacity of outdoor units = capacity of outdoor units from capacity table at 100% connection ratio x correction ratio of piping to farest indoor
- Condition: Indoor connection ratio exceeds 100%
  Maximum capacity of outdoor units = capacity of outdoor from capacity table at installed connection ratio x correction ratio of piping to farest indoor

4 When the overall equivalent pipe length is 90m or more, main gas and liquid pipe diameters must be increased..
For new diameters see below.

Model	gas pipe	liquid pipe
RXQ5P	ø 31.8*	ø 15.9

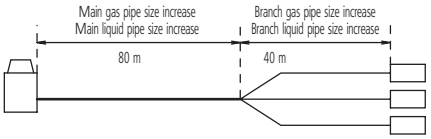
5 When the pipe length after the first refrigerant branch kit is more than 40m, pipe size between first and final branch kit must be increased (refer also to installation manual).
Diameter of main pipes (standard size)

Model	gas pipe	liquid pipe
RXQ5P	ø 28.6	ø 12.7

6 Equivalent length used in the above figures is based upon the following equivalent length.
Equivalent piping length = Equivalent length of main pipe x Correction factor + Equivalent length of branch pipes x Correction factor
Choose a correction factor from the following table.
When cooling capacity is calculated: gas pipe size.

	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

7 Example



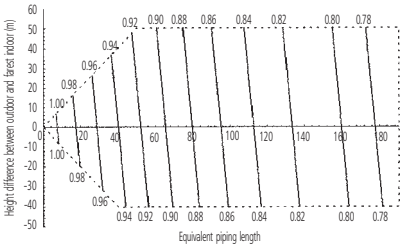
In the above case
(Cooling) Overall equivalent length = 80m x 0.5 + 40m x 1.0 = 80m
The rate of change in:
cooling capacity when height difference = 0 is thus approximately 0.88

3 Capacity tables

3 - 2 Capacity correction factor

RXQ18P

- Correction ratio for cooling capacity



3TW27302-6

NOTES

1 These figures illustrate the correction ratio for piping length in capacity for 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 capacity correction ratio, shown in the above figures.

2 With this outdoor unit, constant evaporating pressure control when cooling.

3 Method of calculating the capacity of the outdoor units:
The maximum capacity of the system will be either the total capacity of the indoor units or the maximum capacity of the outdoor units as mentioned below, whichever is smaller.

- Condition: Indoor connection ratio does not exceed 100%
  Maximum capacity of outdoor units = capacity of outdoor units from capacity table at 100% connection ratio x correction ratio of piping to farest indoor
- Condition: Indoor connection ratio exceeds 100%
  Maximum capacity of outdoor units = capacity of outdoor from capacity table at installed connection ratio x correction ratio of piping to farest indoor

4 When the overall equivalent pipe length is 90m or more, main gas and liquid pipe diameters must be increased..
For new diameters see below.

Model	gas pipe	liquid pipe
RXQ18P	ø 31.8*	ø 19.1

* If not available on site, do not increase. If not increased, no correction factor should be applied to the equivalent length (see note 6).

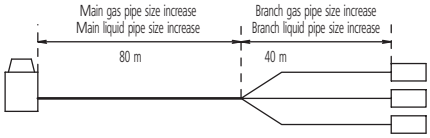
5 When the pipe length after the first refrigerant branch kit is more than 40m, pipe size between first and final branch kit must be increased (refer also to installation manual).
Diameter of main pipes (standard size)

Model	gas pipe	liquid pipe
RXQ18P	ø 28.6	ø 15.9

6 Equivalent length used in the above figures is based upon the following equivalent length.
Equivalent piping length = Equivalent length of main pipe x Correction factor + Equivalent length of branch pipes x Correction factor
Choose a correction factor from the following table.
When cooling capacity is calculated: gas pipe size
.

	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

7 Example

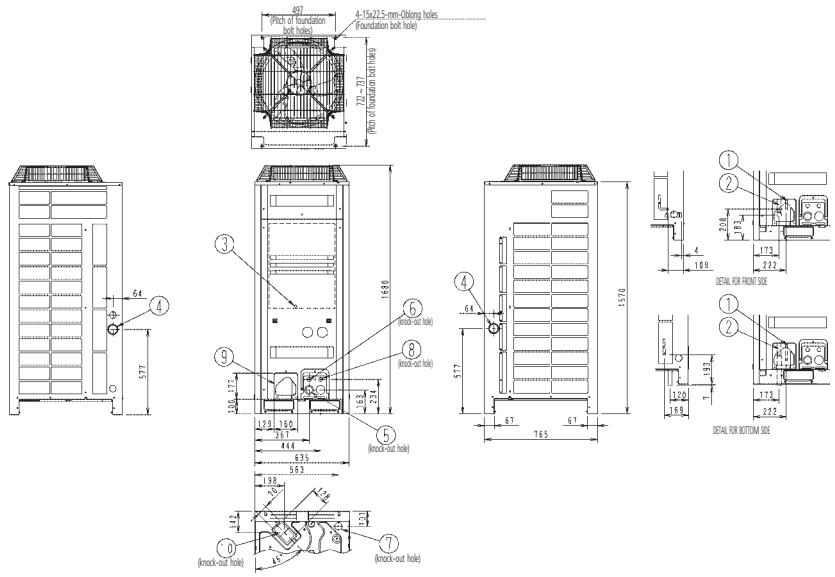


In the above case
(Cooling) Overall equivalent length = 80m x 1.0 + 40m x 1.0 = 120m
The rate of change in:
cooling capacity when height difference = 0 is thus approximately 0.83

4 Dimensional drawing & centre of gravity

4 - 1 Dimensional drawing

RXQ5P



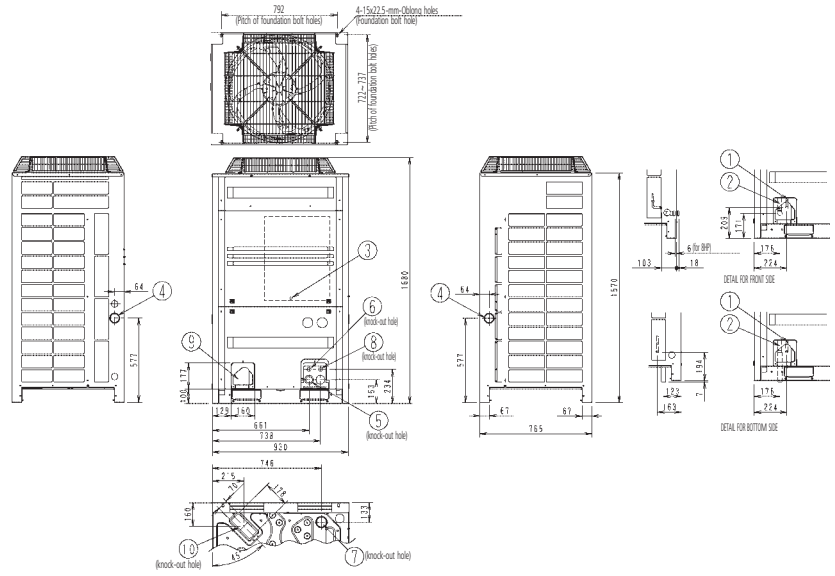
No.	Parts name	Remarks
1	Liquid pipe connection port	ø9.5 Flare connection
2	Gas pipe connection port	ø15.9 Brazing connection
3	Grounding terminal	Inside of switch box (M8)
4	Power cord routing hole (side)	ø62
5	Power cord routing hole (front)	ø45
6	Power cord routing hole (front)	ø27
7	Power cord routing hole (bottom)	ø50
8	Wire routing hole (front)	ø27
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	

NOTES

1 Detail for front side and detail for bottom side indicate the dimensions after fixing the attached piping.

3D051448

RXQ8,10P



No.	Parts name	Remarks
1	Liquid pipe connection port	See note 2.
2	Gas pipe connection port	See note 2.
3	Grounding terminal	Inside of switch box (M8)
4	Power cord routing hole (side)	ø62
5	Power cord routing hole (front)	ø45
6	Power cord routing hole (front)	ø27
7	Power cord routing hole (bottom)	ø65.5
8	Wire routing hole (front)	ø27
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	

NOTES

1 Detail for front side and detail for bottom side indicate the dimensions after fixing the attached piping.

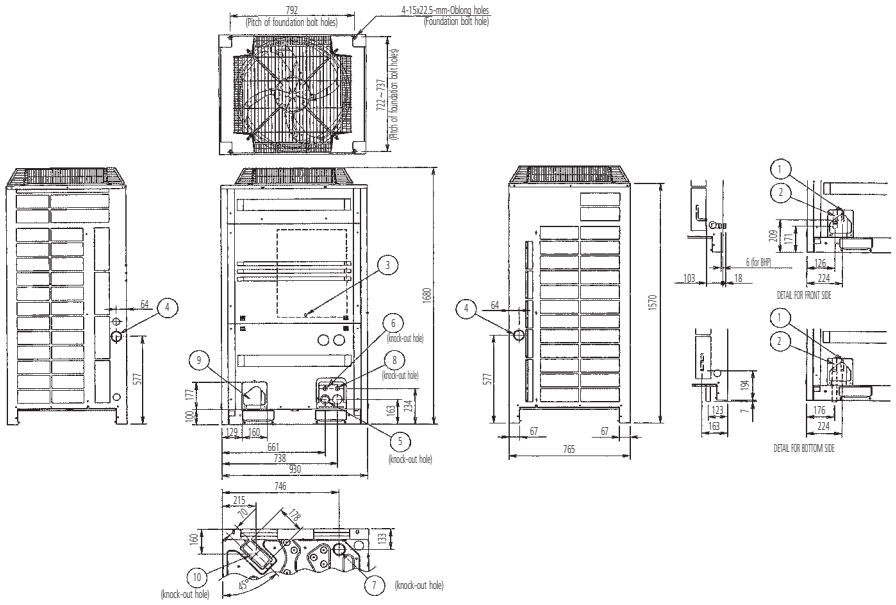
2 Gas pipe [Heat pump type]
ø19.1 Brazing connection 8P type
ø22.2 Brazing connection 10P type
Liquid pipe [Heat pump type]
ø9.5 Brazing connection 8·10P type

3D051449

4 Dimensional drawing & centre of gravity

4 - 1 Dimensional drawing

RXQ12P



No.	Parts name	Remarks
1	Liquid pipe connection port	See note 2.
2	Gas pipe connection port	See note 2.
3	Grounding terminal	Inside of switch box (M8)
4	Power cord routing hole (side)	ø62
5	Power cord routing hole (front)	ø45
6	Power cord routing hole (front)	ø27
7	Power cord routing hole (bottom)	ø65.5
8	Wire routing hole (front)	ø27
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	

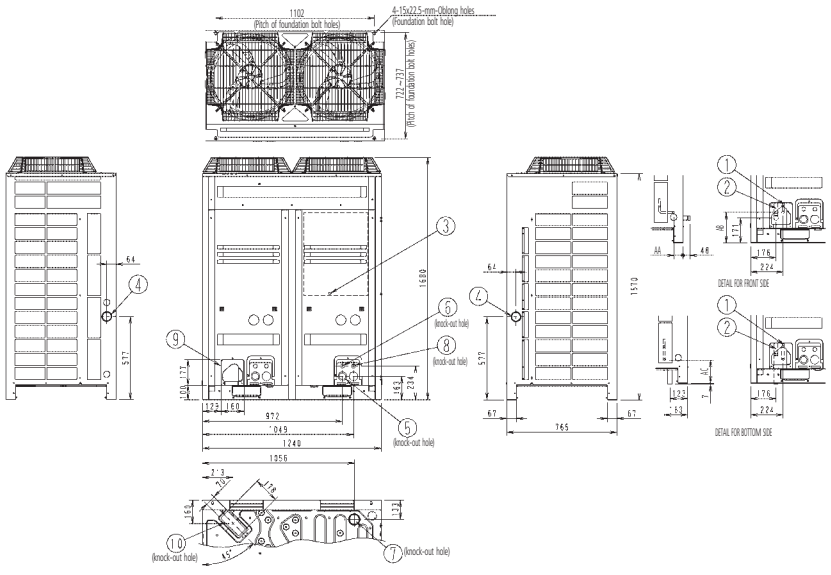
NOTES

1 Detail for front side and detail for bottom side indicate the dimensions after fixing the attached piping.

2 Gas pipe [Heat pump type]
ø28.6 Brazing connection 12HP type
Liquid pipe [Heat pump type]
ø12.7 Brazing connection 12HP type

3TW27264-1

RXQ14,16,18P



No.	Parts name	Remarks
1	Liquid pipe connection port	See note 2.
2	Gas pipe connection port	See note 2.
3	Grounding terminal	Inside of switch box (M8)
4	Power cord routing hole (side)	ø62
5	Power cord routing hole (front)	ø45
6	Power cord routing hole (front)	ø27
7	Power cord routing hole (bottom)	ø65.5
8	Wire routing hole (front)	ø27
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	

NOTES

1 Detail for front side and detail for bottom side indicate the dimensions after fixing the attached piping.

2 Gas pipe [Heat pump type]
ø28.6 Brazing connection 14·16P type
Liquid pipe [Heat pump type]
ø15.9 Brazing connection 18P type
ø12.7 Brazing connection 14·16P type

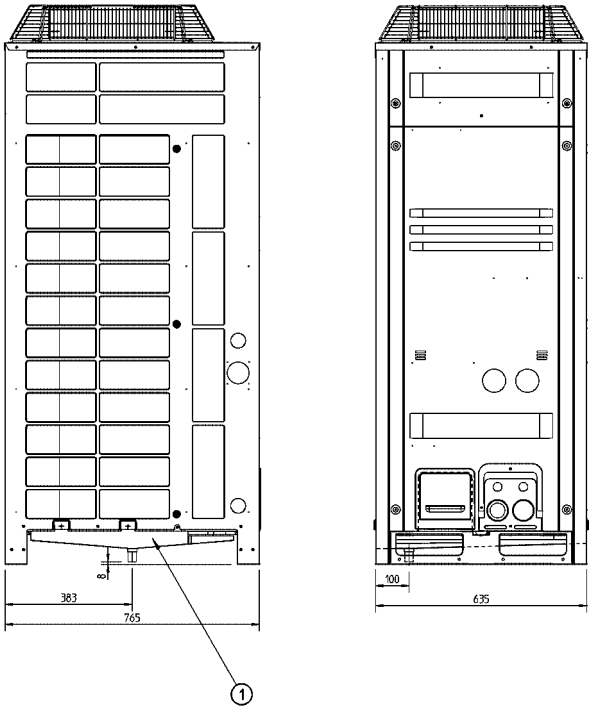
AA	Model name	AB	Model name	AC	Model name
83	RXQ14·16P	211	RXQ14·16·18P	179	RXQ14·16P
63	RXQ18P			160	RXQ18P

3D051450

4 Dimensional drawing & centre of gravity

4 - 1 Dimensional drawing

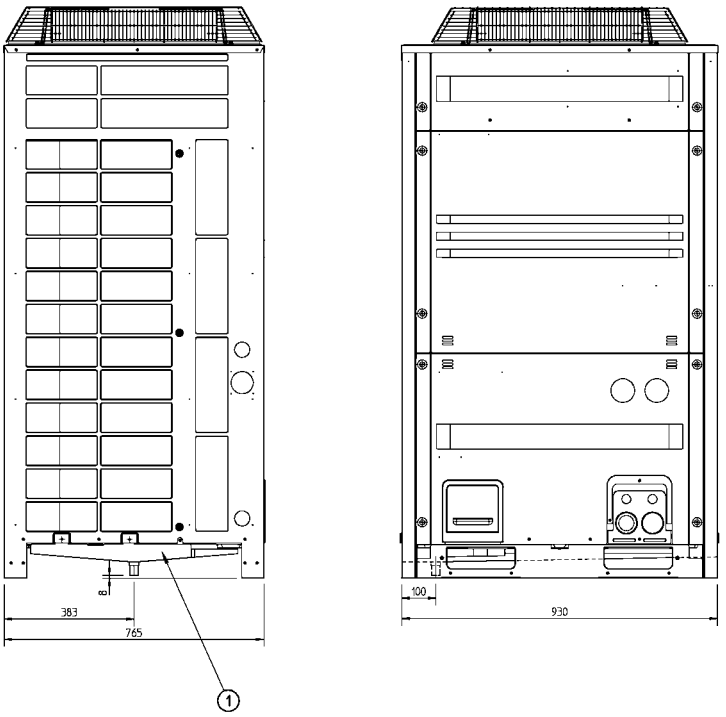
RXQ5P



Item	Part name	Remark
1	Central drain pan kit	KWC26B160

3TW27234-1

RXQ8,10,12P



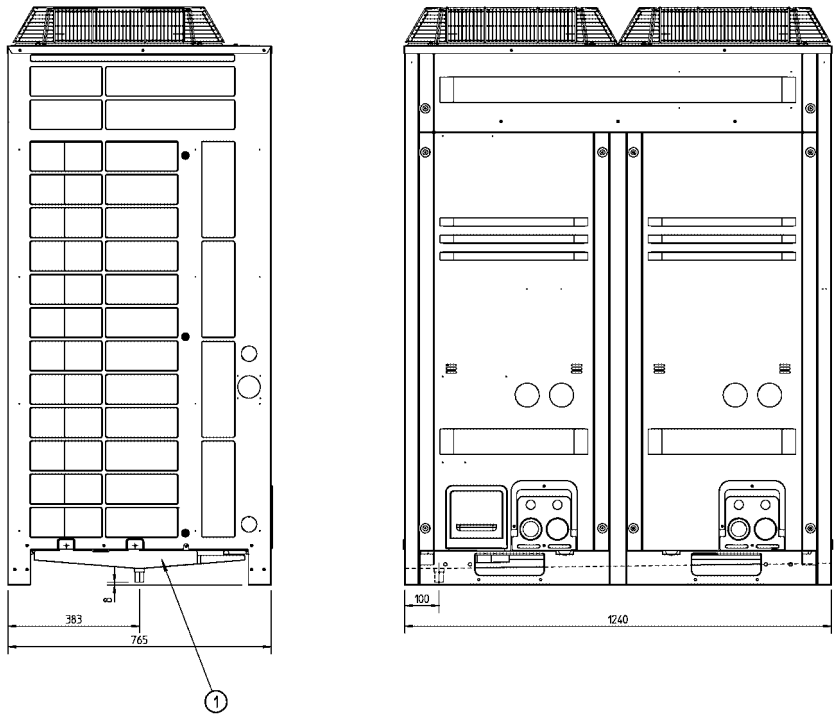
Item	Part name	Remark
1	Central drain pan kit	KWC26B280

3TW27244-1

4 Dimensional drawing & centre of gravity

4 - 1 Dimensional drawing

RXQ14,16,18P



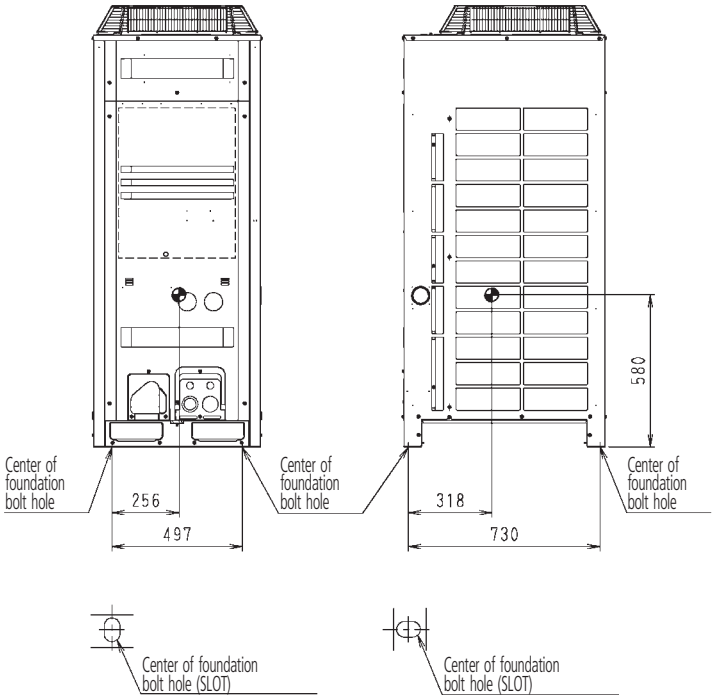
Item	Part name	Remark
1	Central drain pan kit	KWC26B450

3TW27274-1

4 Dimensional drawing & centre of gravity

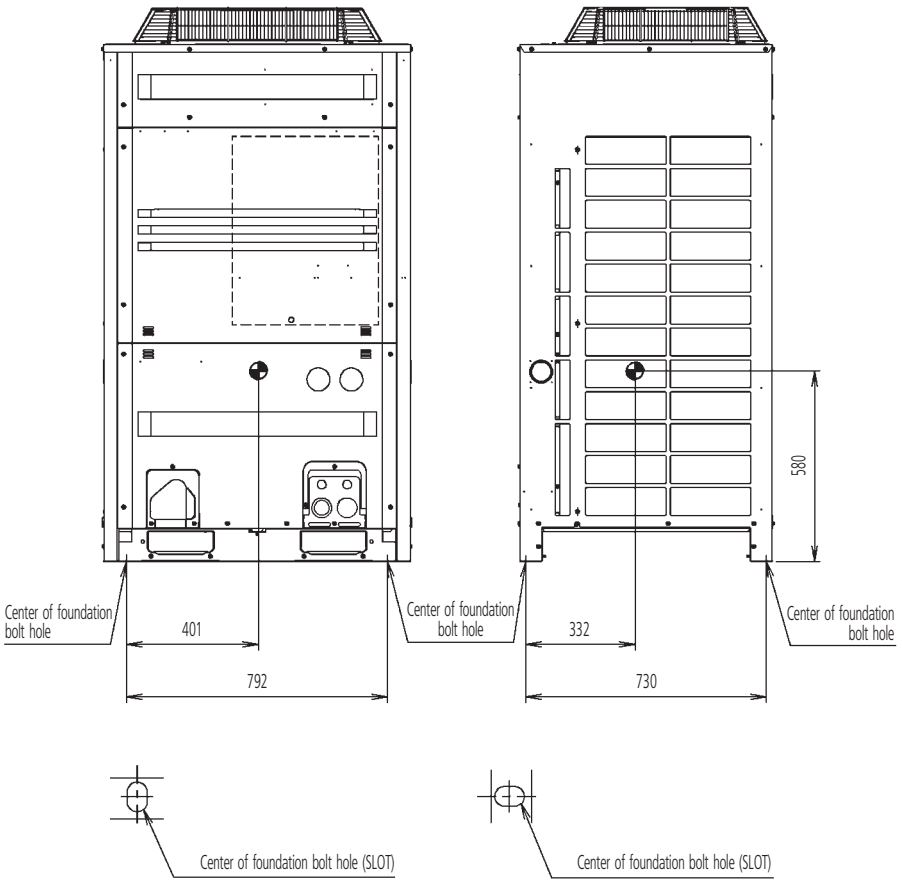
4 - 2 Centre of gravity

RXQ5P



4D052145

RXQ8P

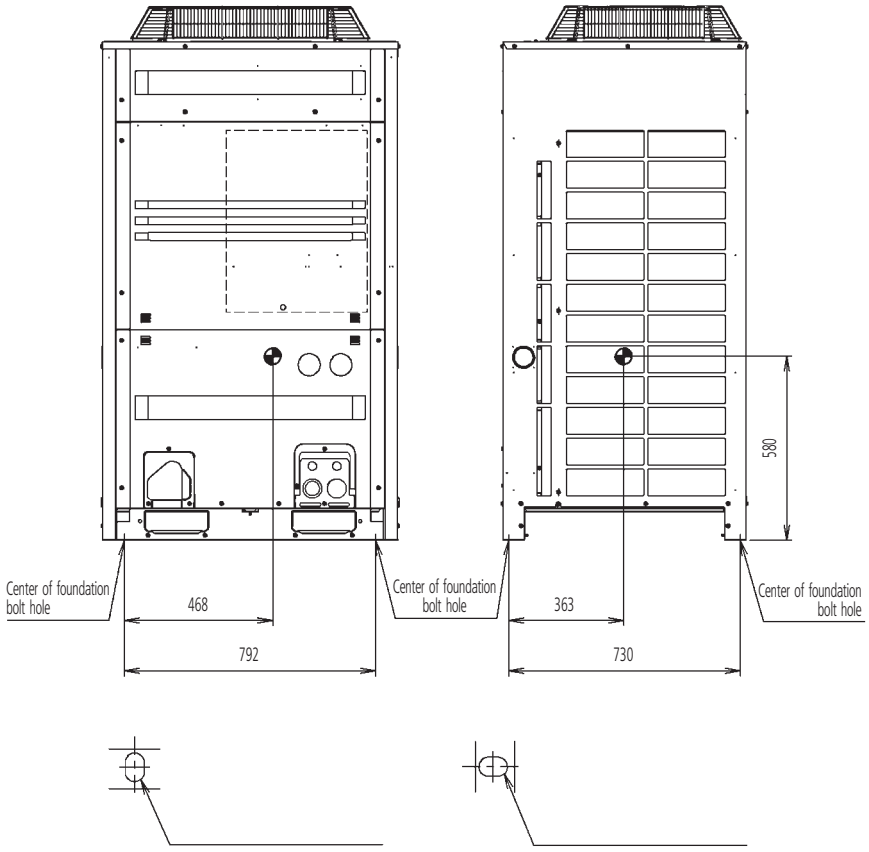


4D052146B

4 Dimensional drawing & centre of gravity

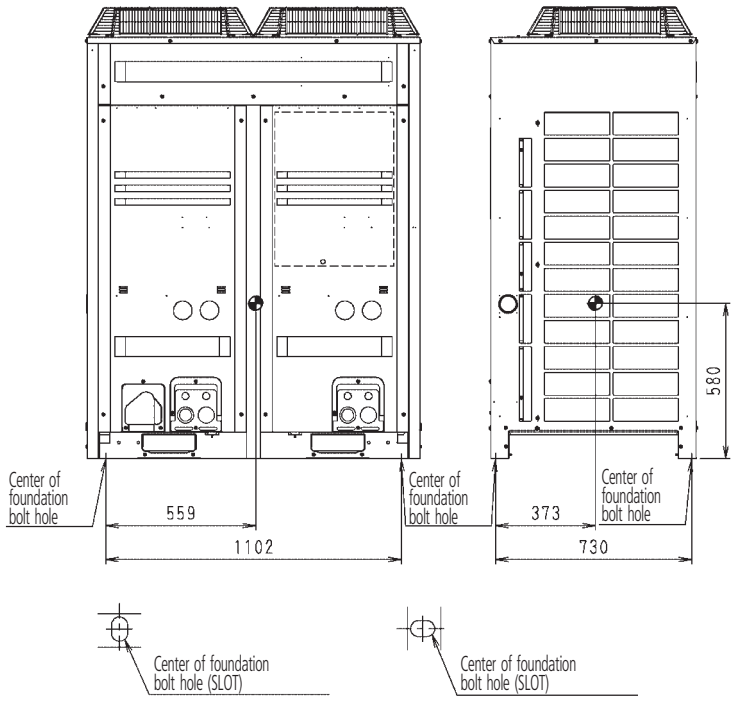
4 - 2 Centre of gravity

RXQ10,12P



4D052147B

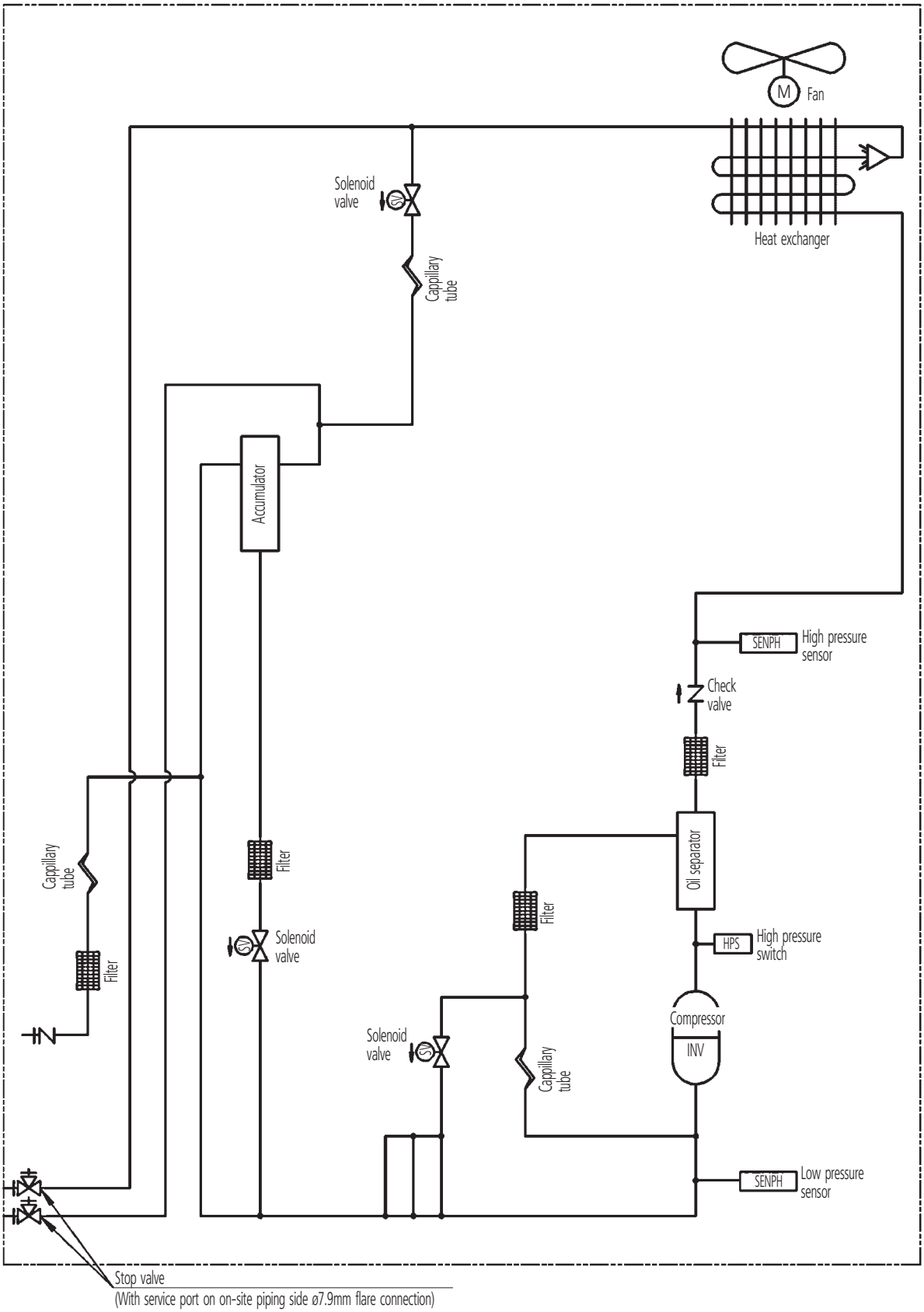
RXQ14,16,18P



4D052572

5 Piping diagram

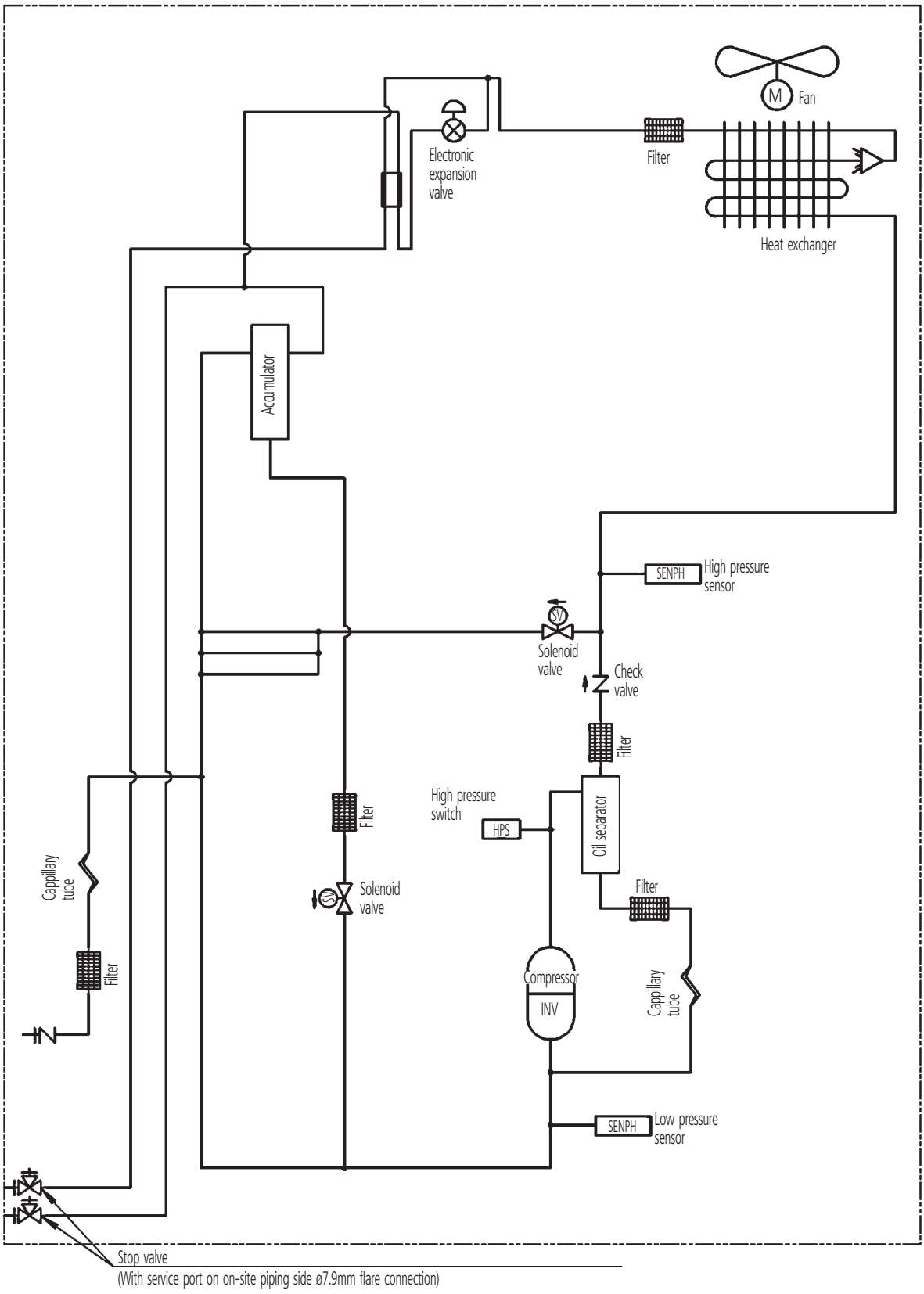
RXQ5P



4TW27305-1

5 Piping diagram

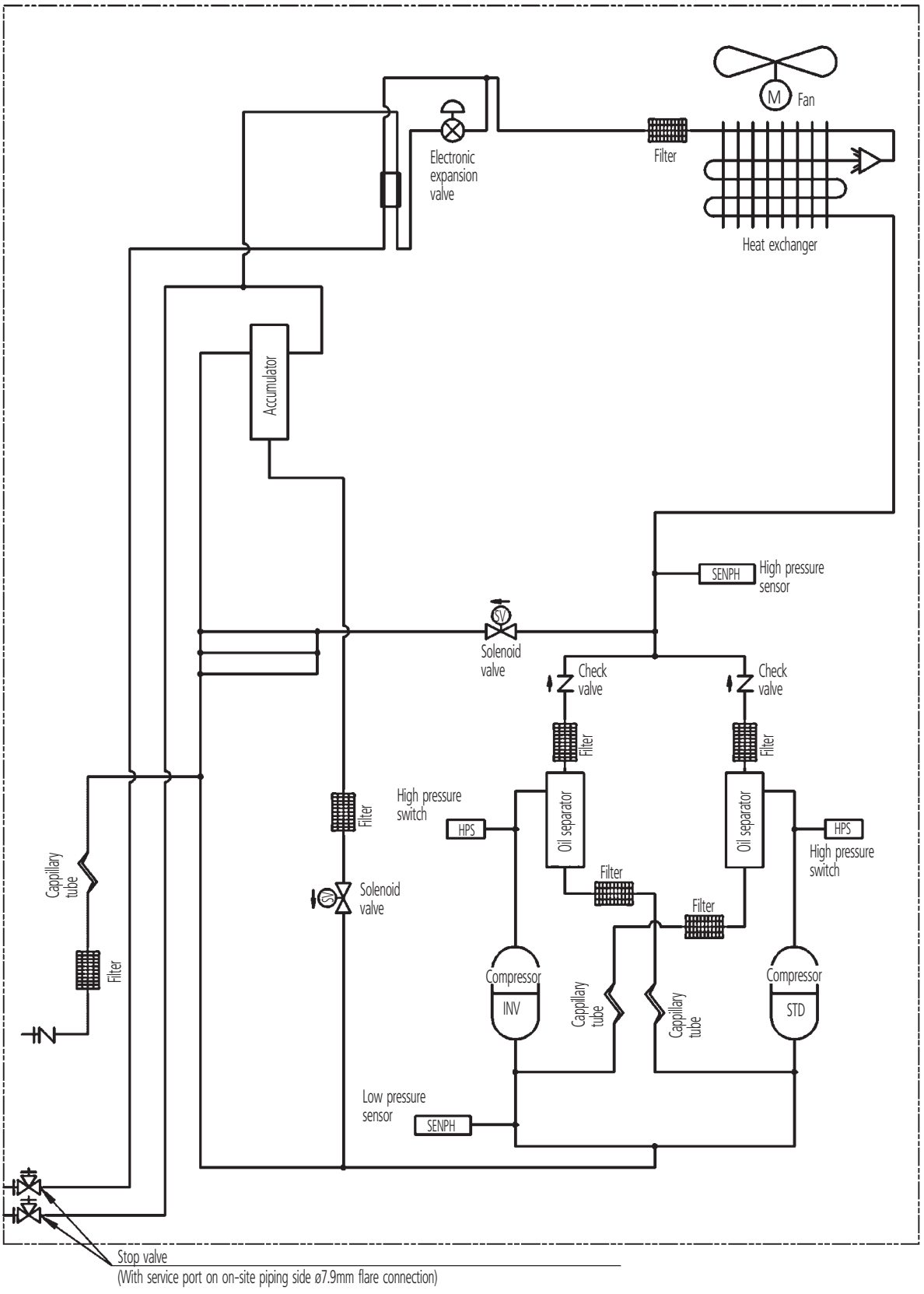
RXQ8P



4TW27315-1A

5 Piping diagram

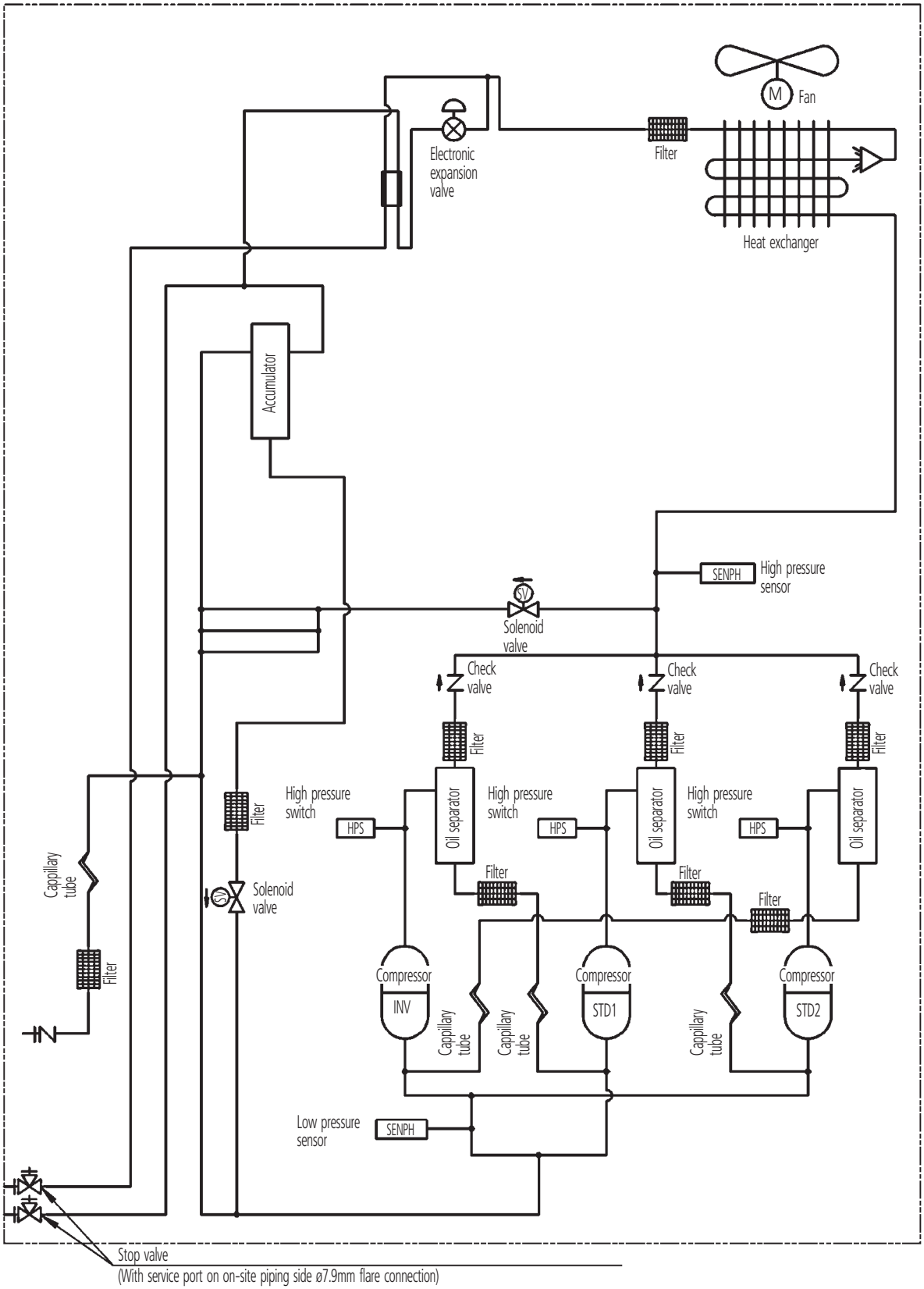
RXQ10,12P



4TW27325-1A

5 Piping diagram

RXQ14,16,18P

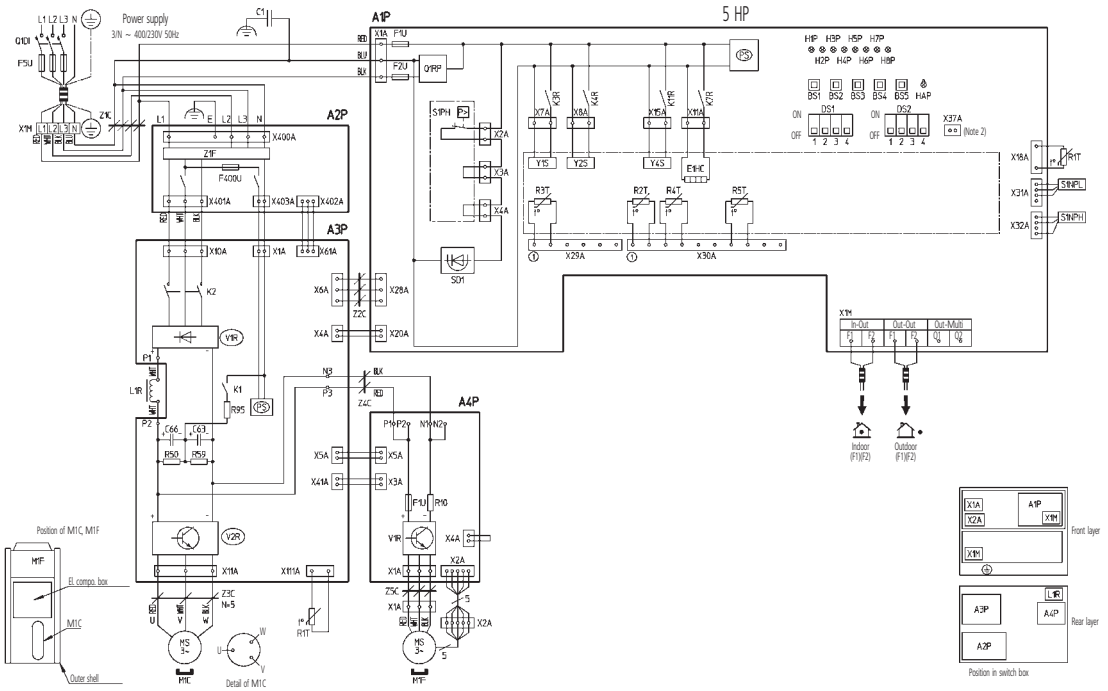


4TW27345-1A

6 Wiring diagram

6 - 1 Wiring diagram

RXQ5P



A1P	Printed circuit board (Main)	K2	Magnetic contactor (M1C)	R4T	Thermistor (Heat exchanger deicer)
A2P	Printed circuit board (Noise filter)	K3R	Magnetic relay (Y1S)	R5T	Thermistor (Liquid pipe)
A3P	Printed circuit board (Inverter)	K4R	Magnetic relay (Y2S)	S1NPH	Pressure sensor (High)
A4P	Printed circuit board (Fan)	K7R	Magnetic relay (E1HC)	S1NPL	Pressure sensor (Low)
BS1~BS5	Push button switch (Mode, Set, Return, Test, Reset)	K11R	Magnetic relay (Y4S)	S1PH	Pressure switch (High)
C1	Capacitor	L1R	Reactor	SD1	Safety devices input
C63, C66	Capacitor	M1C	Motor (Compressor)	V1R	Power module (A4P)
DS1, DS2	DIP switch	M1F	Motor (Fan)	V1R, V2R	Power module (A3P)
E1HC	Crankcase heater	PS	Switching power supply (A1P, A3P)	X1A, X2A	Connector (MIF)
F1U	Fuse (250V, 8A Ⓑ) (A4P)	Q1RP	Phase reversal detect circuit	X1M	Terminal strip (Power supply)
F1U, F2U	Fuse (250V, 3.15A Ⓣ) (A1P)	Q1DI	Earth leakage breaker	X1M	Terminal strip (Control) (A1P)
F5U	Field fuse	R10	Resistor (Current sensor) (A4P)	Y1S	Solenoid valve (Hot gas)
F400U	Fuse (250V, 6.3A Ⓣ) (A2P)	R50, R59	Resistor	Y2S	Solenoid valve (Oil return)
H1P ~ H8P	Pilotlamp (Service monitor-orange) [H2P] Prepare, test ..... flickering Malfuntion detection ..... light up	R95	Resistor (Current limiting)	Y4S	Solenoid valve (Injection)
		R1T	Thermistor (Air) (A1P)	Z1C ~Z5C	Noise filter (Ferrite core)
		R1T	Thermistor (Fin) (A3P)	Z1F	Noise filter (With surge absorber)
HAP	Pilotlamp (Service monitor - green)	R2T	Thermistor (Suction)		
K1	Magnetic relay	R3T	Thermistor (M1C Discharge)		

: Field wiring
: Indication of parts outside switchbox
: Terminal strip
: Connector
: Terminal
: Protective earth (screw)

COLORS :

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

NOTES

1 This wiring diagram applies only to the outdoor unit.

2 When using the option adaptor, refer to the installation manual.

3 Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1 - F2, outdoor-outdoor transmission F1 - F2 and on how to use BS1~BS5 and DS1, DS2 switch.

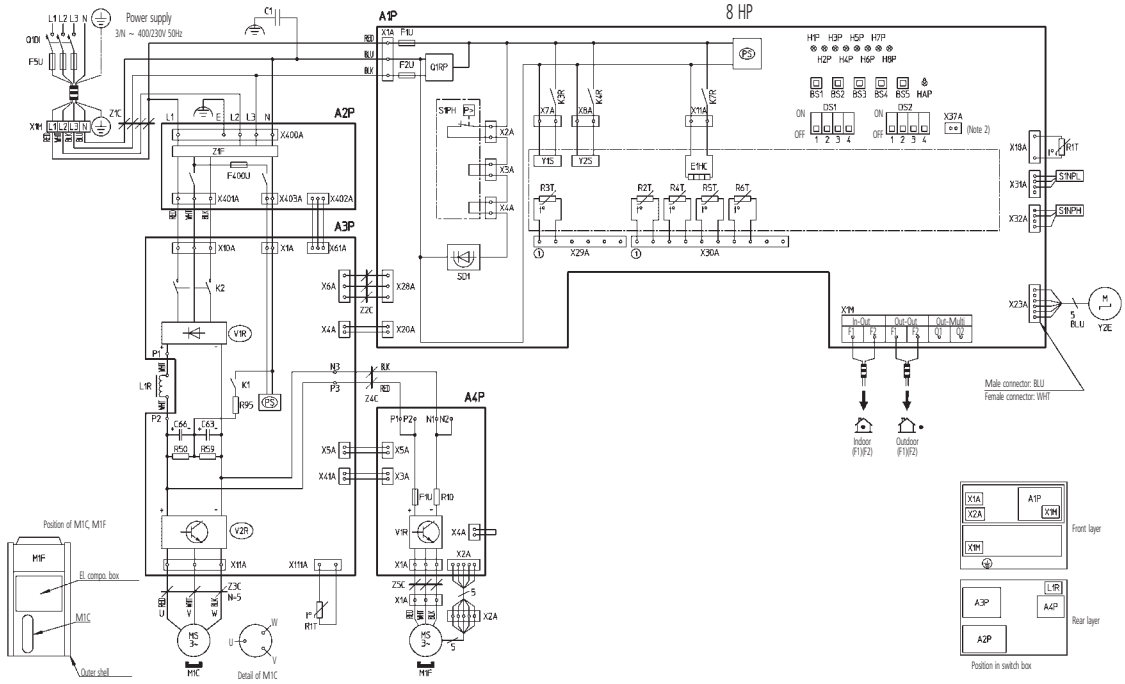
4 Do not operate the unit by short-circuiting protection device S1PH.

2TW27306-1

6 Wiring diagram

6 - 1 Wiring diagram

RXQ8P



A1P	Printed circuit board (Main)	K1	Magnetic relay	R3T	Thermistor (M1C Discharge)
A2P	Printed circuit board (Noise filter)	K2	Magnetic contactor (M1C)	R4T	Thermistor (Heat exchanger deicer)
A3P	Printed circuit board (Inverter)	K3R	Magnetic relay (Y1S)	R5T	Thermistor (Liquid pipe)
A4P	Printed circuit board (Fan)	K4R	Magnetic relay (Y2S)	S1NPH	Pressure sensor (High)
BS1~BS5	Push button switch (Mode, Set, Return, Test, Reset)	K7R	Magnetic relay (E1HC)	S1NPL	Pressure sensor (Low)
C1	Capacitor	L1R	Reactor	S1PH	Pressure switch (High)
C63, C66	Capacitor	M1C	Motor (Compressor)	SD1	Safety devices input
DS1, DS2	DIP switch	M1F	Motor (Fan)	V1R	Power module (A4P)
E1HC	Crankcase heater	PS	Switching power supply (A1P, A3P)	V1R, V2R	Power module (A3P)
F1U	Fuse (250V, 8A Ⓑ) (A4P)	Q1RP	Phase reversal detect circuit	X1A, X2A	Connector (MIF)
F1U, F2U	Fuse (250V, 3.15A Ⓣ) (A1P)	Q1DI	Earth leakage breaker	X1M	Terminal strip (Power supply)
F5U	Field fuse	R10	Resistor (Current sensor) (A4P)	X1M	Terminal strip (Control) (A1P)
F400U	Fuse (250V, 6.3A Ⓣ) (A2P)	R50, R59	Resistor	Y2E	Electronic expansion valve (Subcool)
H1P ~ H8P	Pilotlamp (Service monitor-orange)	R95	Resistor (Current limiting)	Y1S	Solenoid valve (Hot gas)
	[H2P] Prepare, test ..... flickering	R1T	Thermistor (Air) (A1P)	Y2S	Solenoid valve (Oil return)
	Malfuntion detection ..... light up	R1T	Thermistor (Fin) (A3P)	Z1C ~Z5C	Noise filter (Ferrite core)
HAP	Pilotlamp (Service monitor - green)	R2T	Thermistor (Suction)	Z1F	Noise filter (With surge absorber)

: Field wiring
: Indication of parts outside switchbox
: Terminal strip
: Connector
: Terminal
: Protective earth (screw)

COLORS :

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

NOTES

1 This wiring diagram applies only to the outdoor unit.

2 When using the option adaptor, refer to the installation manual.

3 Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1 - F2, outdoor-outdoor transmission F1 - F2 and on how to use BS1~BS5 and DS1, DS2 switch.

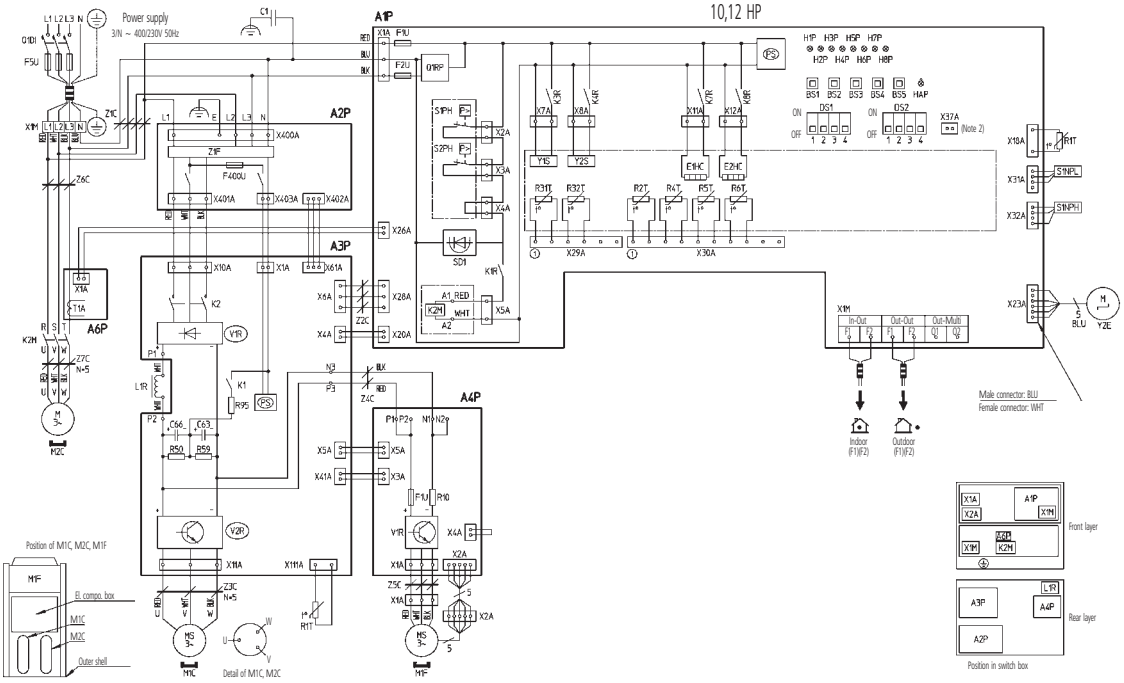
4 Do not operate the unit by short-circuiting protection device S1PH.

2TW27316-1

6 Wiring diagram

6 - 1 Wiring diagram

RXQ10,12P



A1P	Printed circuit board (Main)	K2M	Magnetic contactor (M2C)	R4T	Thermistor (Heat exchanger deicer)
A2P	Printed circuit board (Noise filter)	K1R	Magnetic relay (K2M)	R5T	Thermistor (Heat exchanger outlet)
A3P	Printed circuit board (Inverter)	K3R	Magnetic relay (Y1S)	R6T	Thermistor (Liquid pipe)
A4P	Printed circuit board (Fan)	K4R	Magnetic relay (Y2S)	S1NPH	Pressure sensor (High)
BS1~BS5	Push button switch (Mode, Set, Return, Test, Reset)	K7R	Magnetic relay (E1HC)	S1NPL	Pressure sensor (Low)
C1	Capacitor	K8R	Magnetic relay (E2HC)	S1PH	Pressure switch (High)
C63, C66	Capacitor	L1R	Reactor	T1A	Current sensor (A6P)
		M1C, M2C	Motor (Compressor)	SD1	Safety devices input
DS1, DS2	DIP switch	M1F	Motor (Fan)	V1R	Power module (A4P)
E1HC, E2HC	Crankcase heater	PS	Switching power supply (A1P, A3P)	V1R, V2R	Power module (A3P)
F1U	Fuse (250V, 8A Ⓑ) (A4P)	Q1RP	Phase reversal detect circuit	X1A, X2A	Connector (MIF)
F1U, F2U	Fuse (250V, 3.15A Ⓣ) (A1P)	Q1DI	Earth leakage breaker	X1M	Terminal strip (Power supply)
F5U	Field fuse	R10	Resistor (Current sensor) (A4P)	X1M	Terminal strip (Control) (A1P)
F400U	Fuse (250V, 6.3A Ⓣ) (A2P)	R50, R59	Resistor	Y2E	Electronic expansion valve (Subcool)
H1P ~ H8P	Pilotlamp (Service monitor-orange)	R95	Resistor (Current limiting)	Y1S	Solenoid valve (Hot gas)
	[H2P] Prepare, test ..... flickering	R1T	Thermistor (Air) (A1P)	Y2S	Solenoid valve (Oil return)
	Malfuntion detection ..... light up	R1T	Thermistor (Fin) (A3P)	Z1C ~Z5C	Noise filter (Ferrite core)
HAP	Pilotlamp (Service monitor - green)	R2T	Thermistor (Suction)	Z1F	Noise filter (With surge absorber)
K1	Magnetic relay	R31T	Thermistor (M1C Discharge)		
K2	Magnetic contactor (M1C)	R32T	Thermistor (M2C Discharge)		

: Field wiring
: Indication of parts outside switchbox
: Terminal strip
: Connector
: Terminal
: Protective earth (screw)

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

NOTES

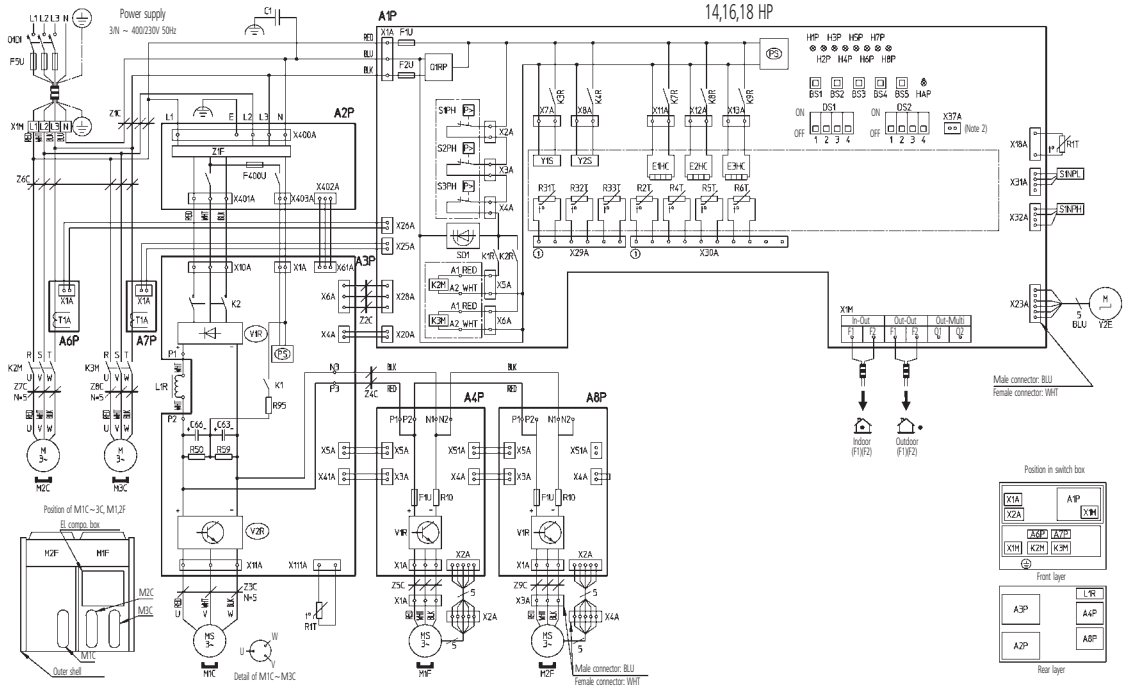
1 This wiring diagram applies only to the outdoor unit.
2 When using the option adaptor, refer to the installation manual.
3 Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1 - F2, outdoor-outdoor transmission F1 - F2 and on how to use BS1~BS5 and DS1, DS2 switch.
4 Do not operate the unit by short-circuiting protection device S1PH.

2TW27326-1

6 Wiring diagram

6 - 1 Wiring diagram

RXQ14,16,18P



A1P	Printed circuit board (Main)	K2M, K3M	Magnetic contactor (M2C, M3C)	R32T	Thermistor (M2C Discharge)
A2P	Printed circuit board (Noise filter)	K1R, K2R	Magnetic relay (K2M, K3M)	R33T	Thermistor (M3C Discharge)
A3P	Printed circuit board (Inverter)	K3R	Magnetic relay (Y1S)	R4T	Thermistor (Heat exchanger deicer)
A4P, A8P	Printed circuit board (Fan)	K4R	Magnetic relay (Y2S)	R5T	Thermistor (Heat exchanger outlet)
A6P, A7P	Printed circuit board (Current sensor)	K7R	Magnetic relay (E1HC)	R6T	Thermistor (Liquid pipe)
BS1~BS5	Push button switch (Mode, Set, Return, Test, Reset)	K8R	Magnetic relay (E2HC)	S1NPH	Pressure sensor (High)
C1	Capacitor	K9R	Magnetic relay (E3HC)	S1NPL	Pressure sensor (Low)
C63, C66	Capacitor	L1R	Reactor	S1PH	Pressure switch (High)
DS1, DS2	DIP switch	M1C ~ M3C	Motor (Compressor)	T1A	Current sensor (A6P, A7P)
E1HC, E2HC	Crankcase heater	M1F, M2F	Motor (Fan)	SD1	Safety devices input
F1U	Fuse (250V, 8A Ⓑ) (A4P, A8P)	PS	Switching power supply (A1P, A3P)	V1R	Power module (A4P, A8P)
F1U, F2U	Fuse (250V, 3.15A Ⓣ) (A1P)	Q1RP	Phase reversal detect circuit	V1R, V2R	Power module (A3P)
F5U	Field fuse	Q1DI	Earth leakage breaker	X1A ~ X4A	Connector (M1F, M2F)
F400U	Fuse (250V, 6.3A Ⓣ) (A2P)	R10	Resistor (Current sensor) (A4P, A8P)	X1M	Terminal strip (Power supply)
H1P ~ H8P	Pilotlamp (Service monitor-orange)	R50, R59	Resistor	X1M	Terminal strip (Control) (A1P)
	[H2P] Prepare, test ..... flickering	R95	Resistor (Current limiting)	Y2E	Electronic expansion valve (Subcool)
	Malfuntion detection ..... light up	R1T	Thermistor (Air) (A1P)	Y1S	Solenoid valve (Hot gas)
HAP	Pilotlamp (Service monitor - green)	R1T	Thermistor (Fin) (A3P)	Y2S	Solenoid valve (Oil return)
K1	Magnetic relay	R2T	Thermistor (Suction)	Z1C ~ Z5C	Noise filter (Ferrite core)
K2	Magnetic contactor (M1C)	R31T	Thermistor (M1C Discharge)	Z1F	Noise filter (With surge absorber)

: Field wiring
: Indication of parts outside switchbox
: Terminal strip
: Connector
: Terminal
: Protective earth (screw)

COLORS :

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

NOTES

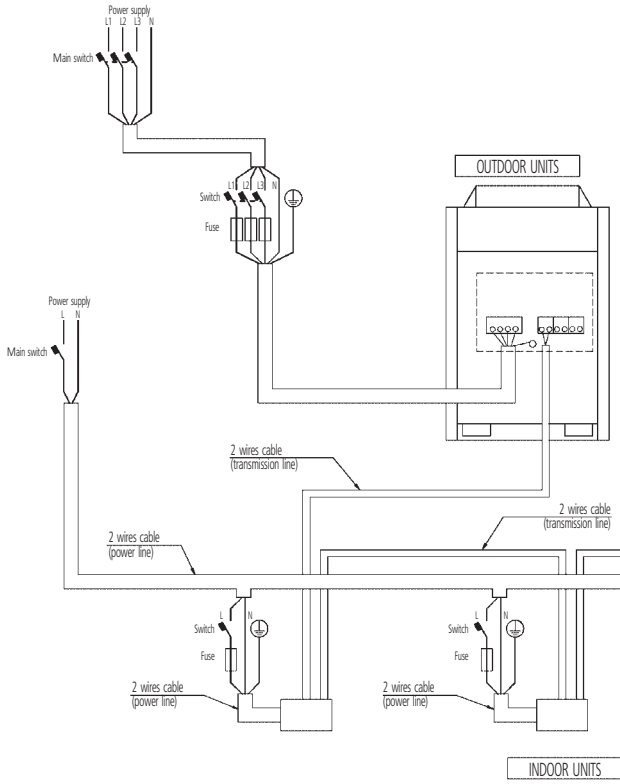
1 This wiring diagram applies only to the outdoor unit.
2 When using the option adaptor, refer to the installation manual.
3 Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1 - F2, outdoor-outdoor transmission F1 - F2 and on how to use BS1~BS5 and DS1, DS2 switch.
4 Do not operate the unit by short-circuiting protection device S1PH.

2TW27346-1

6 Wiring diagram

6 - 2 External connection diagram

RXQ5-18P



NOTES

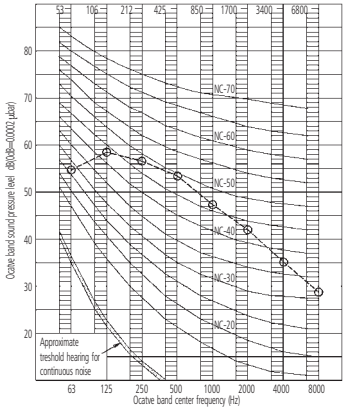
1 All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
2 Use copper conductors only.
3 As for details, see wiring diagram.
4 Install circuit breaker for safety.
5 All field wiring and components must be provided by licensed electrician.
6 Unit shall be grounded in compliance with the applicable local and national codes.
7 Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
8 Be sure to install the switch and the fuse to the power line of each equipment.
9 Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10 If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
Running the product in reversed phase may break the compressor and other parts.

3D051452B

7 Sound data

7 - 1 Sound pressure spectrum

RXQ5P 4D052394



NOTES

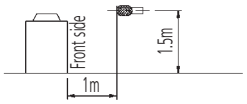
1 Over all (dB):
(B, G, N is already rectified)

Scale	50Hz
A	54.0
C	62.0

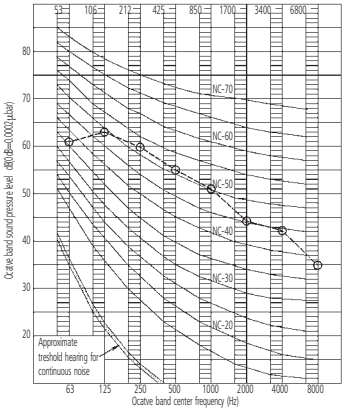
2 Operating conditons:
- Power source: Y1: 380-415V 50Hz
- JIS Standard

3 Measuring place: Anechoic chamber (Conversion value)
The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.

4 Location of microphone



RXQ8P 4D052395A



NOTES

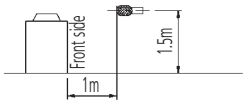
1 Over all (dB):
(B, G, N is already rectified)

Scale	50Hz
A	57.0
C	66.5

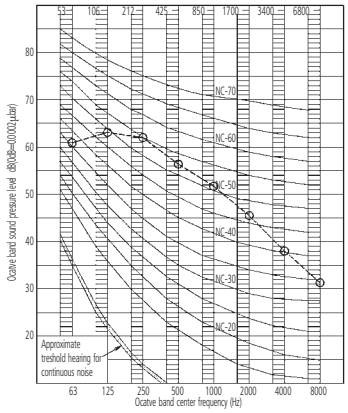
2 Operating conditons:
- Power source: Y1: 380-415V 50Hz
- JIS Standard

3 Measuring place: Anechoic chamber (Conversion value)
The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.

4 Location of microphone



RXQ10P 4D052396A



NOTES

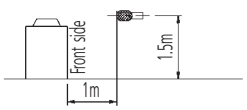
1 Over all (dB):
(B, G, N is already rectified)

Scale	50Hz
A	58.0
C	67.0

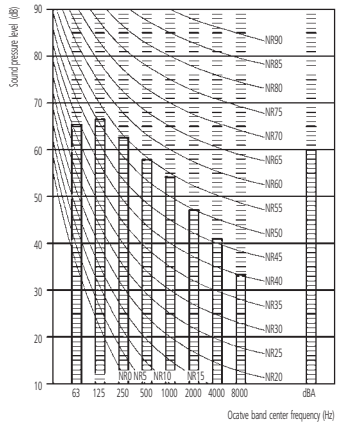
2 Operating conditons:
- Power source: Y1: 380-415V 50Hz
- JIS Standard

3 Measuring place: Anechoic chamber (Conversion value)
The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.

4 Location of microphone

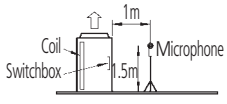


RXQ12P 3TW27257-1



NOTES

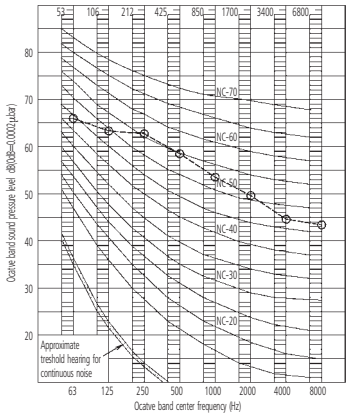
1 Data is valid at free field concition measured in a semi-anachoic room).
2 dBA = A-weighted sound pressure level. (A-scale according to IEC)
3 Reference acoustic pressure 0dB = 20 μPa
4 If sound is measured under actual installation conditions, the measured value will be higher due to environmental noise and sound reflections.
5 Location of microphone



7 Sound data

7 - 1 Sound pressure spectrum

RXQ14,16P 4D052397A



NOTES

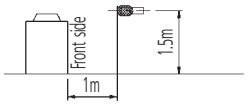
1 Over all (dB):
(B, G, N is already rectified)

Scale	50Hz
A	60.0
C	69.0

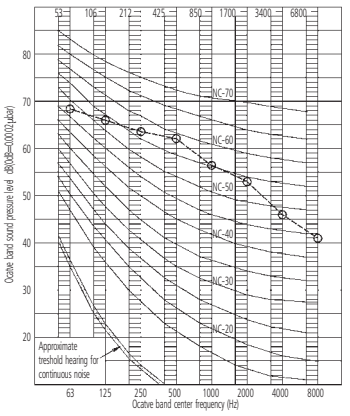
2 Operating conditons:
- Power source: Y1: 380-415V 50Hz
- JIS Standard

3 Measuring place: Anechoic chamber (Conversion value)
The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.

4 Location of microphone



RXQ18P 4D052398



NOTES

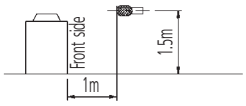
1 Over all (dB):
(B, G, N is already rectified)

Scale	50Hz
A	63.0
C	71.5

2 Operating conditons:
- Power source: Y1: 380-415V 50Hz
- JIS Standard

3 Measuring place: Anechoic chamber (Conversion value)
The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.

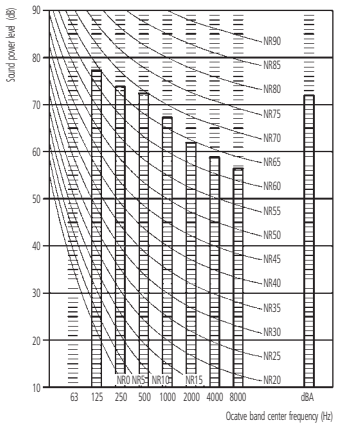
4 Location of microphone



7 Sound data

7 - 2 Sound power spectrum

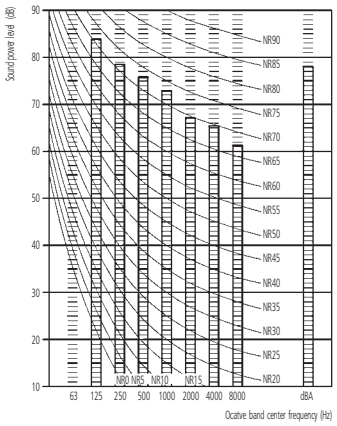
RXQ5P 3TW27237-2



NOTES

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

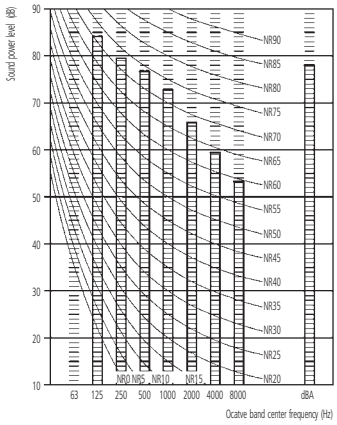
RXQ8P 3TW27247-2



NOTES

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

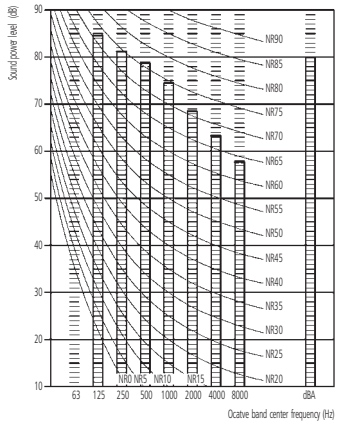
RXQ10P 3TW27257-2



NOTES

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

RXQ12P 3TW27267-2



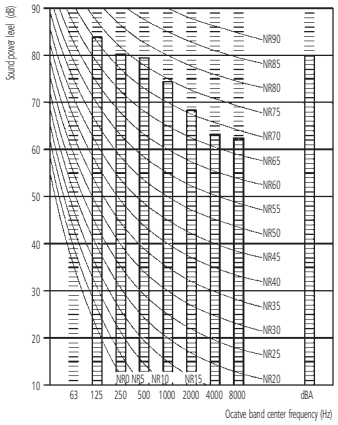
NOTES

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

7 Sound data

7 - 2 Sound power spectrum

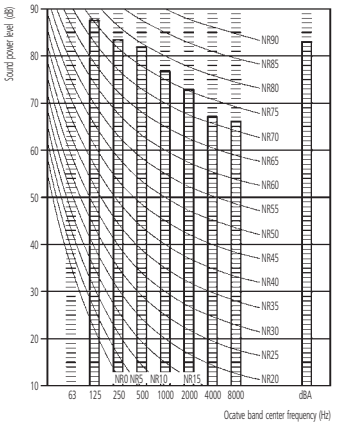
RXQ14,16P 3TW27277-2



NOTES

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

RXQ18P 3TW27297-2



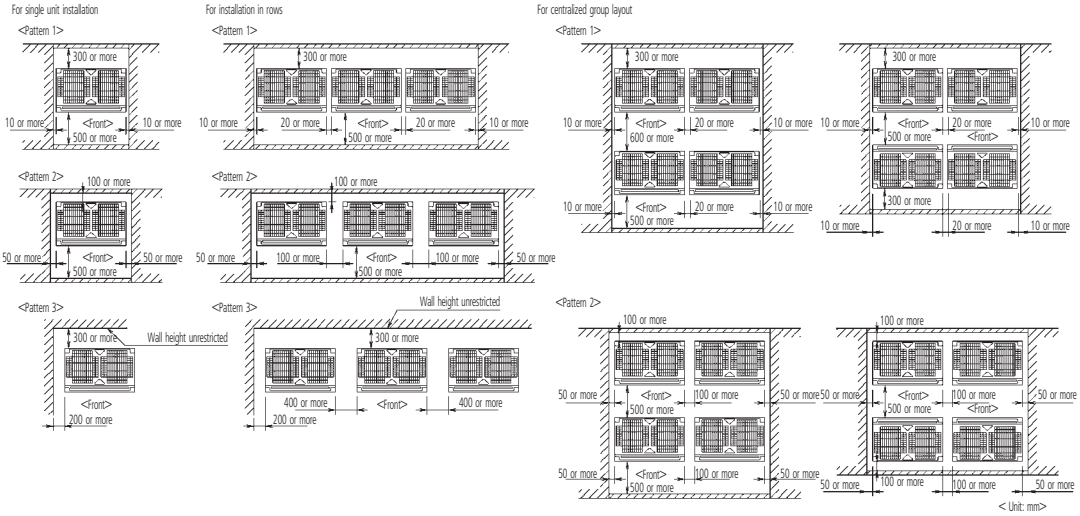
NOTES

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

8 Installation

8 - 1 Service space

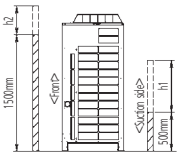
RXQ-P



NOTES

1 Heights of walls in case of Patterns 1 and 2:
Front: 1500mm
Suction side: 500mm
Side: Height unrestricted.
Installation space to be shown in this drawing is based on the cooling operation at 35 degrees outdoor air temperature.
When the design outdoor air temperature exceeds 35 degrees or the load exceeds maximum ability because of much generation load of heat in all outdoor unit, take the suction side space more broadly than the space to be shown in this drawing.

2 If the above wall heights are exceeded then h2/2 and h1/2 should be added to the front and suction side service spaces respectively as shown in the figure on the right.



3 When installing the units 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 space 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.)

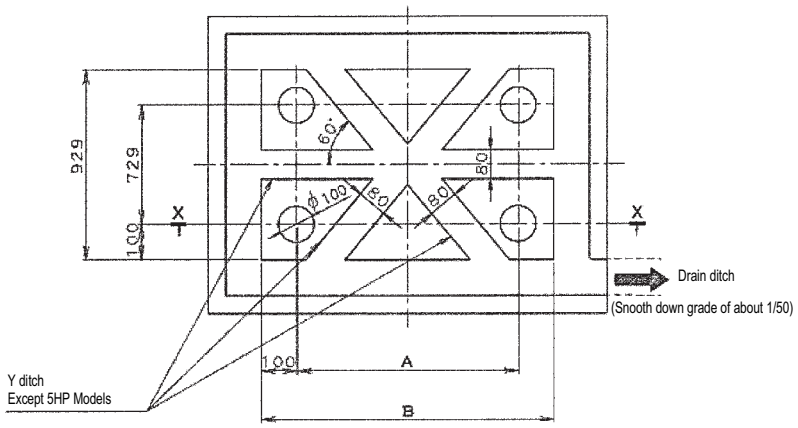
4 The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.

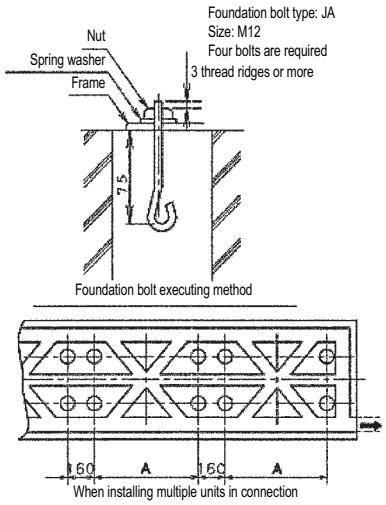
3D051451B

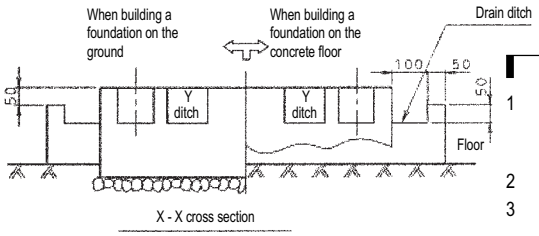
8 Installation

8 - 2 Fixation and foundation of units

RXQ-P







Model	A	B
RXQ5P	497	697
RXQ8-10-12P	792	922
RXQ14-16-18P	1102	1302

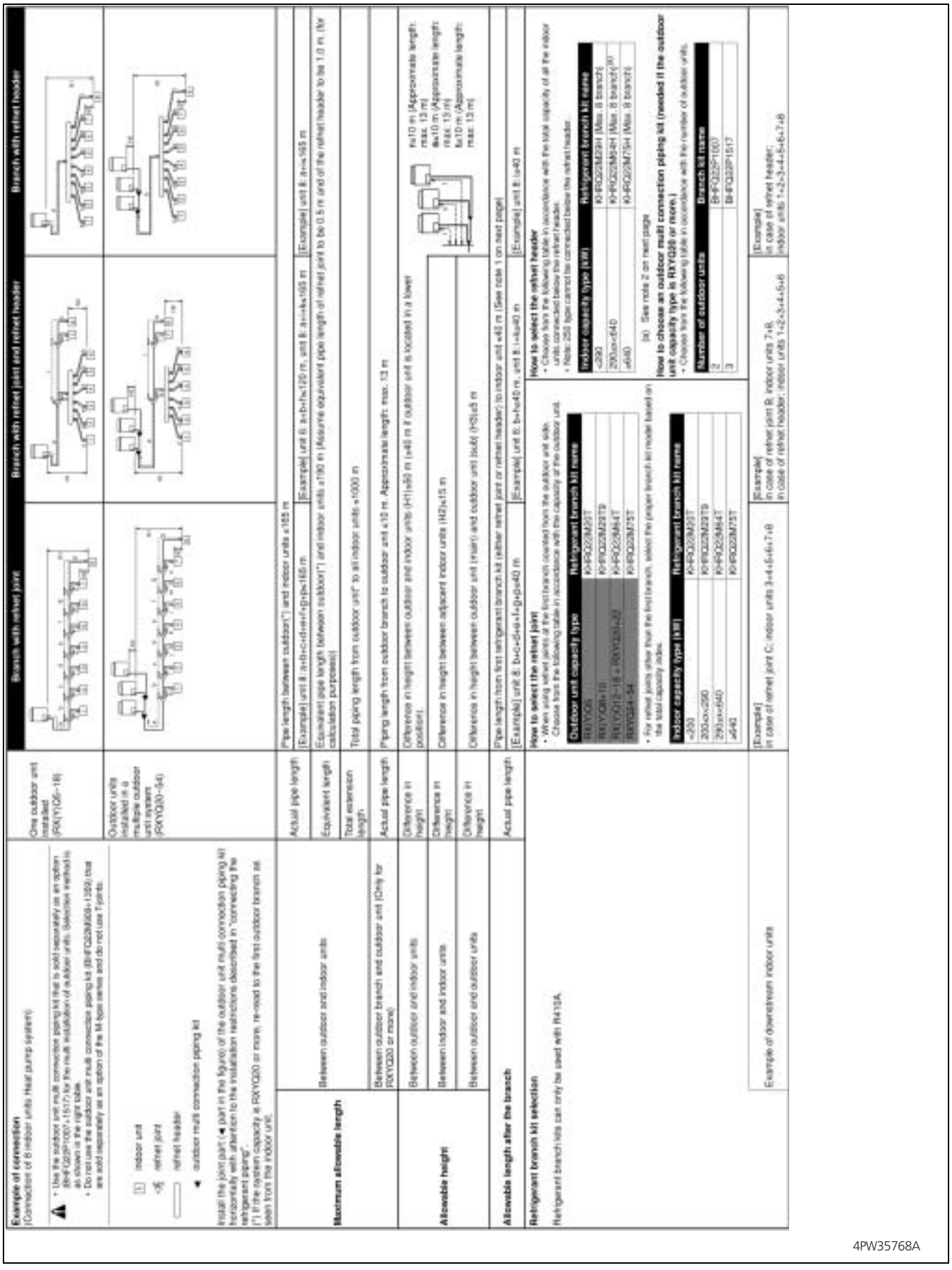
NOTES

1 The proportions of cement:sand:gravel for the contrete shale be 1:2:4, and the reinforcement bars that their dirameter are 10mm, (Approx. 300mm intervals) shall be placed.
2 The surface shall be finished with mortar. The corner edges shall be chantered.
3 When the foundation is build on a concrete floor, rubble is not necessary. However, the surface of the section on which the foundation is built shall have rough finish.
4 A drain ditch shall be made around the foundation to thoroughly drain water from the equipment installation area.
5 When installing the equipment on a roof, the floor strength shall be checked, and water-proofing measures shall be taken.
6 Y ditch is not necessary for 5HP models.

3TW27239-6

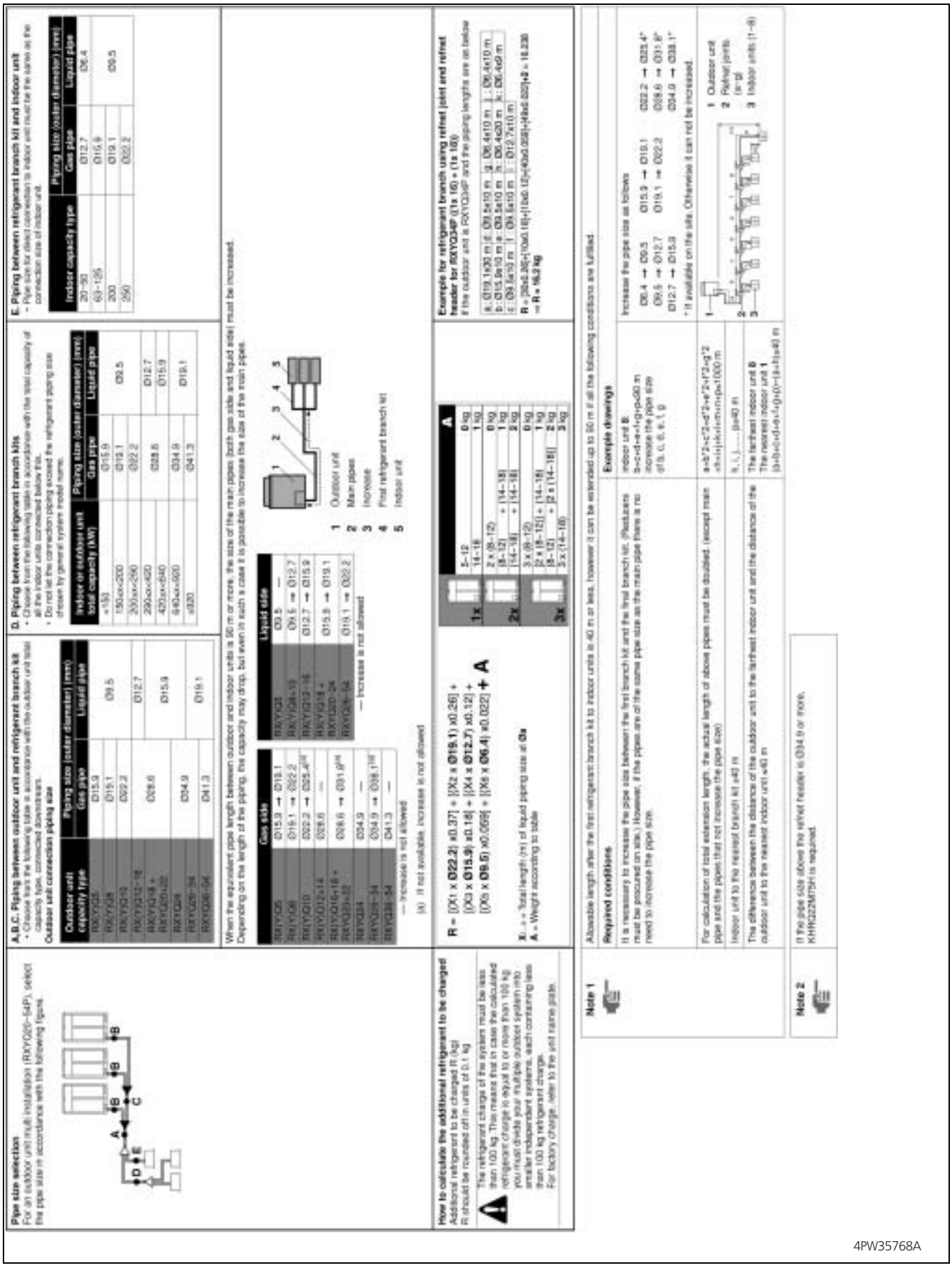
8 Installation

8 - 3 Refrigerant pipe selection



8 Installation

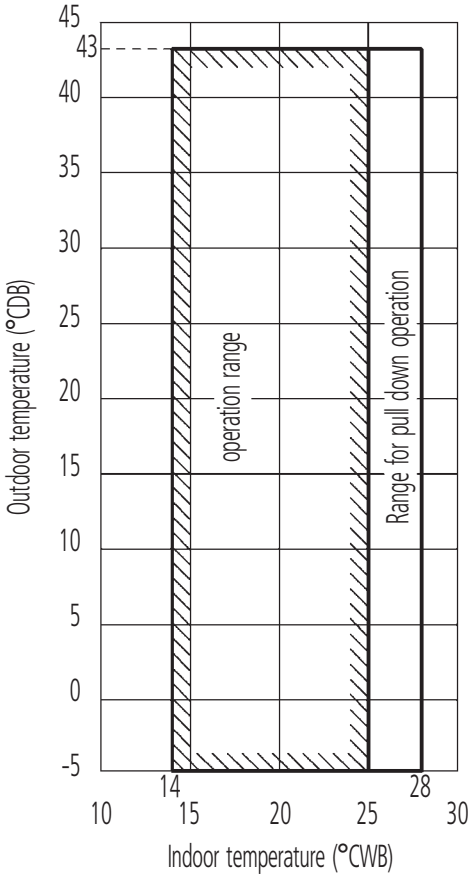
8 - 3 Refrigerant pipe selection



4PW35768A

9 Operation range

RXQ-P



4TW27307-3

NOTES

1 These figures assume the following operation conditions:
- indoor and outdoor units:
- equivalent pipe length: 7.5m
- level difference: 0m

2 Depending on operation and installation conditions, the indoor unit can change over to freeze-up operation (indoor de-icing).

3 To reduce the freeze-up operation (indoor de-icing) frequency it is recommended to install the outdoor unit in a location not exposed to wind.

2

VRV III

In all of us, a green heart

Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intension to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.

Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.

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

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

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

DAIKIN EUROPE N.V.

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

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EEDEN07-200