



Air Conditioning

Technical Data

VRV Classic

VRV Classic



EEDEN13-200_3

RXYCQ-A

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RXYCQ-A

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1 Features

- For smaller projects with standard cooling & heating requirements
- Fits any building as also indoor installation is possible as a result of high external static pressure of up to 78.4 Pa. Indoor installation leads to less piping length, lower installation costs, increased efficiency and better visual aesthetics
- The ability to control each conditioned zone individually keeps VRV system running costs to an absolute minimum
- Spread your installation cost by phased installation
- Connectable to all standard VRV indoor units, controls and ventilation

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2 Specifications

2-1 Technical Specifications				RXYCQ8A	RXYCQ10A	RXYCQ12A	RXYCQ14A	RXYCQ16A	RXYCQ18A	RXYCQ20A	
Capacity range			HP	8	10	12	14	16	18	20	
Cooling capacity	Nom.		kW	20.0 (1)	25.0 (1)	30.0 (1)	35.0 (1)	40.0 (1)	45.0 (1)	50.0 (1)	
Heating capacity	Nom.		kW	22.4 (2)	28.0 (2)	33.6 (2)	37.5 (2)	44.8 (2)	50.4 (2)	56.0 (2)	
Capacity control	Method			Inverter controlled							
	Steps		%	~ 100							
Power input - 50Hz	Cooling	Nom.	kW	6.60	6.74	8.77	11.4	12.9	15.0	17.8	
	Heating	Nom.	kW	5.80	7.00	8.62	9.74	11.8	13.8	16.0	
EER				3.03	3.71	3.42	3.07	3.10	3.00	2.81	
COP				3.86	4.00	3.90	3.85	3.80	3.65	3.50	
Maximum number of connectable indoor units				16	20	24	28	32	36	40	
Indoor index connection	Min.			100	125	150	175	200	225	250	
	Nom.			200	250	300	350	400	450	500	
	Max.			240	300	360	420	480	540	600	
Casing	Colour			Daikin White							
	Material			Painted galvanized steel plate							
Dimensions	Unit	Height	mm	1,680							
		Width	mm	635	930			1,240			
		Depth	mm	765							
	Packed unit	Height	mm	1,855							
		Width	mm	796	1,055			1,365			
		Depth	mm	860							
Weight	Unit		kg	159	187	240		316		324	
	Packed unit		kg	182	217	273		356		364	
Packing	Material			Carton							
	Weight		kg	3.80	4.02			6.35			
Packing 2	Material			Wood							
	Weight		kg	19.15	20.85			23.55			
Packing 3	Material			Plastic							
	Weight		kg	0.215	0.265			0.330			
Heat exchanger	Fin	Type		Cross fin coil							
		Treatment		Anti-corrosion treatment							
Fan	Type			Propeller fan							
	Quantity			1				2			
	Air flow rate	Cooling	Nom.	m³/min	95	171	185	196	233		239
		Heating	Nom.	m³/min	95	171	185	196	233		239
	External static pressure		Max.	Pa	78						
	Discharge direction			Vertical							
Fan motor	Quantity			1				2			
	Model			Brushless DC motor							
	Output		W	350	750			350		750	
Fan motor 2	Output		W	-				350		750	
Sound power level	Cooling	Nom.	dB(A)	78	81			86		88	
Sound pressure level	Cooling	Nom.	dB(A)	58	59	61		64	65	66	
Compressor	Quantity			1		2		3			
	Model			Inverter							
	Type			Hermetically sealed scroll compressor							
	Crankcase heater		W	33							
Compressor 2	Model			-		ON - OFF					
	Type			-		Hermetically sealed scroll compressor					
	Crankcase heater		W	-		33					
Compressor 3	Model			-				ON - OFF			
	Type			-				Hermetically sealed scroll compressor			
	Crankcase heater		W	-				33			
Operation range	Cooling	Min.~Max.	°CDB	-5.0~43.0							
	Heating	Min.~Max.	°CWB	-20.0~15.5							

2 Specifications

2-1 Technical Specifications				RXYCQ8A	RXYCQ10A	RXYCQ12A	RXYCQ14A	RXYCQ16A	RXYCQ18A	RXYCQ20A	
Refrigerant	Type			R-410A							
	Charge		kg	6.2	7.7	8.4	8.6	11.3	11.5	11.7	
	Control			Electronic expansion valve							
	Circuits	Quantity		1							
Refrigerant oil	Type			Synthetic (ether) oil							
	Charged volume		l	1.7	2.6	4.5	4.8	7.0		7.1	
Piping connections	Liquid	Type		Braze connection							
		OD	mm	9.52			12.7			15.9	
	Gas	Type		Braze connection							
		OD	mm	15.9	19.1	22.2	28.6				
	Heat insulation			Both liquid and gas pipes							
	Piping length	OU - IU	Max.	m	135						
		After branch	Max.	m	90 (7)						
	Total piping length	System	Actual	m	300						
	Level difference	OU - IU	Outdoor unit in highest position	m	30						
			Indoor unit in highest position	m	-						
IU - IU		Max.	m	15							
Defrost method				Reversed cycle							
Defrost control				Sensor for outdoor heat exchanger temperature							
Safety devices	Item	01		High pressure switch							
		02		Fan driver overload protector							
		03		Overcurrent relay							
		04		Inverter overload protector							
		05		PC board fuse							
PED	Category			Category II							

Standard Accessories : Connection pipes; Quantity : 4;

Standard Accessories : Operation manual; Quantity : 1;

Standard Accessories : Installation manual; Quantity : 1;

2 Specifications

2-2 Electrical Specifications				RXYCQ8A	RXYCQ10A	RXYCQ12A	RXYCQ14A	RXYCQ16A	RXYCQ18A	RXYCQ20A
Power supply	Name			Y1						
	Phase			3N~						
	Frequency		Hz	50						
	Voltage		V	380-415 ±10%						
Current	Nominal running current (RLA) - 50Hz	Cooling	A	9.6	9.7	13.4	16.2	19.1	22.5	26.6
		Heating	A	8.4	11.2	12.4	14.2	17.5	20.8	24.1
Current - 50Hz	Starting current (MSC)		A	≤ MCA		74	75	84	85	
	Zmax	Text		-		0.27		0.24		
	Minimum Ssc value		kVa	-	910	838	849	873		878
	Minimum circuit amps (MCA)		A	11.9	18.5	21.6	22.7	31.5		32.5
	Maximum fuse amps (MFA)		A	16	25			40		
	Total overcurrent amps (TOCA)		A	15.6	16.5	31.5		46.4		48.3
	Full load amps (FLA)	Total	A	0.4	0.7	0.9	1.2	1.4		
Wiring connections - 50Hz	For power supply	Quantity		5G						
		Remark		Earth wire included						
	For connection with indoor	Quantity		2						
		Remark		F1,F2						
Power supply intake				Both indoor and outdoor unit						

Notes

- (1) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent refrigerant piping: 5m; level difference: 0m; indoor unit fan speed: high.
- (2) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m; indoor unit fan speed: high.
- (3) Sound power level is an absolute value that a sound source generates.
- (4) Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to the sound level drawings.
- (5) Sound values are measured in a semi-anechoic room.
- (6) PED unit category: excluded from scope of PED due to article 1, item 3.6 of 97/23/EC
- (7) Refer to refrigerant pipe selection or installation manual
- (8) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).
- (9) MSC means the maximum current during start up of the compressor
- (10) Maximum allowable voltage range variation between phases is 2%.
- (11) RLA is based on nominal conditions
- (12) Select wire size based on the value of MCA
- (13) TOCA means the total value of each OC set.
- (14) Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
- (15) In accordance with EN/IEC 61000-3-11, respectively EN/IEC 61000-3-12, it may be necessary to consult the distribution network operator to ensure that the equipment is connected only to a supply with $Z_{sys} \leq Z_{max}$, respectively $S_{sc} \geq \text{minimum } S_{sc} \text{ value}$.
- (16) EN/IEC 61000-3-11: European/international technical standard setting the limits for voltage changes, voltage fluctuations and flicker in public low-voltage supply systems for equipment with rated $\leq 75A$
- (17) EN/IEC 61000-3-12: European/international technical standard setting the limits for harmonic currents produced by equipment connected to public low-voltage system with input current $> 16A$ and $\leq 75A$ per phase
- (18) Ssc: Short-circuit power
- (19) Zsys: system impedance
- (20) Maximum connection ratio is 120%. If one or more FXFQ20,25 units are connected, the maximum connection ratio of the 8 and 10 HP is 100%
- (21) RA indoor, hydrobox (HXY*), AHU (incl. Biddle) cannot be connected to VRV Classic
- (22) MCA must be used to select the correct field wiring size. The MCA can be regarded as the maximum running current
- (23) FLA : nominal running current fan

3 Electrical data

3 - 1 Electrical Data

3

RXYCQ-A		
	Minimum S_{sc} value (kVA)	Z_{MAX} (Ω)
RXYCQ10	910	-
RXYCQ12	838	0.27
RXYCQ14	849	0.27
RXYCQ16	873	0.24
RXYCQ18	873	0.24
RXYCQ20	878	0.24

NOTES		
1. In accordance with EN/IEC 61000-3-11 ⁽¹⁾ , respectively EN/IEC 61000-3-12 ⁽²⁾ , it may be necessary to consult the distribution network operator to ensure that the equipment is connected only to a supply with $Z_{SYS}^{(4)} \leq Z_{MAX}$, respectively $S_{sc}^{(3)} \geq$ minimum S_{sc} value 2. (1) European/International technical standard setting the limits for voltage changes, voltage fluctuations and flicker in public low-voltage supply systems for equipment with rated $\leq 75A$. (2) European/International technical standard setting the limits for harmonic currents produced by equipment connected to public low-voltage system with input current $> 16A$ and $\leq 75A$ per phase. (3) Short-circuit power (4) System impedance		
4D080758		

4 Options

4 - 1 Options

RXYCQ-A					
No.	Item	RXYCQ8	RXYCQ10 RXYCQ12	RXYCQ14	RXYCQ16 RXYCQ18 RXYCQ20
1	Cool/Heat selector			KRC19-26A6	
2	Fixing box			KJB111A	
3	Refnet header		KHRQ22M29H		
		-	-	KHRQ22M64H	
			KHRQ22M20T		
4	Refnet joint		KHRQ22M29T9		
		-	-	KHRQ22M64T	
5	Central drain pan kit	KWC26B160	KWC26B280		KWC26B450
6	Digital pressure gauge kit		BHGP26A1		

NOTES

1. All options are kits.

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5 Combination table

5 - 1 Combination table

RXYCQ-A

Indoor / Outdoor combination	RXYCQ*
VRV* indoor	o
RA indoor	x
Hydrobox	x
AHU (incl. Biddle)	x
o: allowed	
x: forbidden	

Remarks

NA

3D081829

6 Capacity tables

6 - 1 Cooling Capacity Tables

RXYCQ8A

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		20.0		21.0		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
120	26.88	10	16.2	2.78	19.3	3.39	22.4	4.03	24.0	4.36	25.1	4.54	25.7	4.37	26.3	4.20
		12	16.2	2.83	19.3	3.46	22.4	4.11	24.0	4.44	24.8	4.52	25.4	4.35	25.9	4.17
		14	16.2	2.88	19.3	3.52	22.4	4.19	24.0	4.53	24.5	4.50	25.0	4.32	25.6	4.35
		16	16.2	2.93	19.3	3.59	22.4	4.27	23.8	4.56	24.1	4.50	24.7	4.54	25.3	4.58
		18	16.2	2.99	19.3	3.66	22.4	4.42	23.5	4.71	23.8	4.73	24.4	4.78	25.0	4.82
		20	16.2	3.05	19.3	3.81	22.4	4.75	23.2	4.94	23.5	4.97	24.1	5.01	24.6	5.06
		21	16.2	3.08	19.3	3.94	22.4	4.92	23.0	5.06	23.3	5.08	23.9	5.13	24.5	5.17
		23	16.2	3.29	19.3	4.22	22.4	5.26	22.7	5.29	23.0	5.31	23.6	5.36	24.2	5.41
		25	16.2	3.52	19.3	4.52	22.1	5.49	22.4	5.52	22.7	5.55	23.3	5.60	23.8	5.65
		27	16.2	3.75	19.3	4.83	21.8	5.72	22.0	5.75	22.3	5.78	22.9	5.84	23.5	5.89
		29	16.2	4.00	19.3	5.16	21.4	5.95	21.7	5.98	22.0	6.01	22.6	6.07	23.2	6.13
		31	16.2	4.27	19.3	5.51	21.1	6.19	21.4	6.22	21.7	6.25	22.3	6.31	22.9	6.38
		33	16.2	4.54	19.3	5.88	20.8	6.42	21.1	6.45	21.4	6.49	21.9	6.55	22.5	6.62
		35	16.2	4.84	19.3	6.26	20.5	6.65	20.7	6.69	21.0	6.72	21.6	6.79	22.2	6.86
		37	16.2	5.15	19.3	6.68	20.1	6.89	20.4	6.93	20.7	6.96	21.3	7.04	21.9	7.11
		39	16.2	5.48	19.2	7.05	19.8	7.13	20.1	7.17	20.4	7.20	21.0	7.28	21.6	7.36
110	24.64	10	14.8	2.52	17.7	3.07	20.6	3.65	22.0	3.94	23.4	4.24	25.2	4.50	25.8	4.35
		12	14.8	2.57	17.7	3.13	20.6	3.72	22.0	4.02	23.4	4.32	24.9	4.48	25.5	4.32
		14	14.8	2.61	17.7	3.19	20.6	3.79	22.0	4.09	23.4	4.40	24.6	4.45	25.1	4.32
		16	14.8	2.66	17.7	3.25	20.6	3.86	22.0	4.17	23.4	4.49	24.3	4.51	24.8	4.55
		18	14.8	2.71	17.7	3.31	20.6	3.94	22.0	4.29	23.4	4.71	23.9	4.74	24.5	4.78
		20	14.8	2.77	17.7	3.38	20.6	4.17	22.0	4.61	23.1	4.93	23.6	4.98	24.2	5.02
		21	14.8	2.79	17.7	3.48	20.6	4.32	22.0	4.77	22.9	5.05	23.5	5.09	24.0	5.13
		23	14.8	2.92	17.7	3.73	20.6	4.63	22.0	5.12	22.6	5.28	23.1	5.32	23.7	5.37
		25	14.8	3.12	17.7	3.99	20.6	4.96	22.0	5.48	22.3	5.51	22.8	5.56	23.3	5.61
		27	14.8	3.33	17.7	4.26	20.6	5.30	21.7	5.72	21.9	5.74	22.5	5.79	23.0	5.84
		29	14.8	3.55	17.7	4.54	20.6	5.67	21.4	5.95	21.6	5.97	22.2	6.03	22.7	6.08
		31	14.8	3.78	17.7	4.85	20.6	6.05	21.0	6.18	21.3	6.21	21.8	6.26	22.4	6.32
		33	14.8	4.02	17.7	5.17	20.4	6.38	20.7	6.41	21.0	6.44	21.5	6.50	22.0	6.56
		35	14.8	4.28	17.7	5.50	20.1	6.61	20.4	6.64	20.6	6.68	21.2	6.74	21.7	6.81
		37	14.8	4.55	17.7	5.86	19.8	6.85	20.0	6.88	20.3	6.91	20.9	6.98	21.4	7.05
		39	14.8	4.84	17.7	6.24	19.5	7.08	19.7	7.12	20.0	7.15	20.5	7.22	21.1	7.29
100	22.40	10	13.50	2.27	16.1	2.76	18.7	3.27	20.0	3.53	21.3	3.80	23.9	4.34	25.3	4.49
		12	13.50	2.31	16.1	2.81	18.7	3.33	20.0	3.60	21.3	3.87	23.9	4.42	25.0	4.47
		14	13.50	2.36	16.1	2.86	18.7	3.39	20.0	3.67	21.3	3.94	23.9	4.51	24.6	4.44
		16	13.50	2.40	16.1	2.91	18.7	3.46	20.0	3.74	21.3	4.02	23.8	4.57	24.3	4.52
		18	13.50	2.44	16.1	2.97	18.7	3.53	20.0	3.81	21.3	4.10	23.5	4.71	24.0	4.75
		20	13.50	2.49	16.1	3.03	18.7	3.63	20.0	4.00	21.3	4.39	23.2	4.94	23.7	4.98
		21	13.50	2.51	16.1	3.06	18.7	3.76	20.0	4.15	21.3	4.55	23.0	5.06	23.5	5.09
		23	13.50	2.58	16.1	3.26	18.7	4.03	20.0	4.44	21.3	4.88	22.7	5.29	23.2	5.33
		25	13.50	2.75	16.1	3.49	18.7	4.31	20.0	4.76	21.3	5.22	22.4	5.52	22.8	5.56
		27	13.50	2.93	16.1	3.72	18.7	4.61	20.0	5.09	21.3	5.59	22.0	5.75	22.5	5.80
		29	13.50	3.12	16.1	3.97	18.7	4.92	20.0	5.43	21.2	5.93	21.7	5.98	22.2	6.03
		31	13.50	3.32	16.1	4.23	18.7	5.25	20.0	5.80	20.9	6.16	21.4	6.22	21.9	6.27
		33	13.50	3.53	16.1	4.51	18.7	5.60	20.0	6.19	20.6	6.40	21.1	6.45	21.5	6.51
		35	13.50	3.76	16.1	4.80	18.7	5.97	20.0	6.60	20.2	6.63	20.7	6.69	21.2	6.75
		37	13.50	3.99	16.1	5.10	18.7	6.36	19.7	6.83	19.9	6.86	20.4	6.92	20.9	6.99
		39	13.50	4.24	16.1	5.43	18.7	6.77	19.3	7.07	19.6	7.10	20.1	7.16	20.6	7.23
90	20.16	10	12.15	2.04	14.5	2.46	16.8	2.90	18.0	3.13	19.2	3.36	21.5	3.84	23.9	4.33
		12	12.15	2.07	14.5	2.50	16.8	2.95	18.0	3.19	19.2	3.43	21.5	3.91	23.9	4.41
		14	12.15	2.11	14.5	2.54	16.8	3.01	18.0	3.25	19.2	3.49	21.5	3.99	23.9	4.49
		16	12.15	2.14	14.5	2.59	16.8	3.06	18.0	3.31	19.2	3.56	21.5	4.07	23.8	4.57
		18	12.15	2.18	14.5	2.64	16.8	3.12	18.0	3.37	19.2	3.63	21.5	4.15	23.5	4.71
		20	12.15	2.22	14.5	2.69	16.8	3.19	18.0	3.44	19.2	3.76	21.5	4.46	23.2	4.94
		21	12.15	2.24	14.5	2.72	16.8	3.24	18.0	3.56	19.2	3.90	21.5	4.62	23.0	5.06
		23	12.15	2.29	14.5	2.83	16.8	3.47	18.0	3.81	19.2	4.18	21.5	4.95	22.7	5.29
		25	12.15	2.41	14.5	3.02	16.8	3.71	18.0	4.08	19.2	4.47	21.5	5.30	22.3	5.52
		27	12.15	2.56	14.5	3.22	16.8	3.96	18.0	4.36	19.2	4.78	21.5	5.67	22.0	5.75
		29	12.15	2.73	14.5	3.43	16.8	4.23	18.0	4.65	19.2	5.10	21.3	5.94	21.7	5.98
		31	12.15	2.90	14.5	3.66	16.8	4.51	18.0	4.96	19.2	5.45	20.9	6.17	21.4	6.22
		33	12.15	3.08	14.5	3.89	16.8	4.80	18.0	5.29	19.2	5.81	20.6	6.40	21.0	6.45
		35	12.15	3.27	14.5	4.14	16.8	5.11	18.0	5.64	19.2	6.19	20.3	6.63	20.7	6.69
		37	12.15	3.47	14.5	4.40	16.8	5.44	18.0	6.01	19.2	6.60	20.0	6.87	20.4	6.92
		39	12.15	3.68	14.5	4.67	16.8	5.79	18.0	6.39	19.2	7.03	19.6	7.10	20.1	7.16

4D080760(1)

6 Capacity tables

6 - 1 Cooling Capacity Tables

RXYCQ8A

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

Combination (%)	Capacity index (kW)	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80	17.92	10	10.80	1.81	12.88	2.16	15.0	2.54	16.0	2.74	17.0	2.94	19.1	3.35	21.2	3.78
		12	10.80	1.84	12.88	2.20	15.0	2.59	16.0	2.79	17.0	2.99	19.1	3.41	21.2	3.85
		14	10.80	1.87	12.88	2.24	15.0	2.64	16.0	2.84	17.0	3.05	19.1	3.48	21.2	3.92
		16	10.80	1.90	12.88	2.28	15.0	2.68	16.0	2.89	17.0	3.11	19.1	3.55	21.2	4.00
		18	10.80	1.93	12.88	2.32	15.0	2.74	16.0	2.95	17.0	3.17	19.1	3.62	21.2	4.08
		20	10.80	1.97	12.88	2.37	15.0	2.79	16.0	3.01	17.0	3.23	19.1	3.75	21.2	4.36
		21	10.80	1.98	12.88	2.39	15.0	2.82	16.0	3.04	17.0	3.30	19.1	3.88	21.2	4.52
		23	10.80	2.02	12.88	2.43	15.0	2.95	16.0	3.24	17.0	3.53	19.1	4.16	21.2	4.84
		25	10.80	2.09	12.88	2.59	15.0	3.15	16.0	3.46	17.0	3.77	19.1	4.45	21.2	5.19
		27	10.80	2.22	12.88	2.76	15.0	3.36	16.0	3.69	17.0	4.03	19.1	4.76	21.2	5.55
		29	10.80	2.36	12.88	2.94	15.0	3.59	16.0	3.94	17.0	4.30	19.1	5.08	21.2	5.93
		31	10.80	2.50	12.88	3.13	15.0	3.82	16.0	4.19	17.0	4.59	19.1	5.42	20.9	6.16
		33	10.80	2.66	12.88	3.32	15.0	4.07	16.0	4.47	17.0	4.89	19.1	5.79	20.6	6.39
		35	10.80	2.82	12.88	3.53	15.0	4.32	16.0	4.75	17.0	5.20	19.1	6.17	20.2	6.63
		37	10.80	2.99	12.88	3.75	15.0	4.60	16.0	5.06	17.0	5.54	19.1	6.57	19.9	6.86
		39	10.80	3.16	12.88	3.98	15.0	4.89	16.0	5.38	17.0	5.90	19.1	7.00	19.6	7.10
70	15.68	10	9.45	1.59	11.27	1.89	13.09	2.20	14.00	2.37	14.9	2.53	16.7	2.88	18.6	3.24
		12	9.45	1.61	11.27	1.92	13.09	2.24	14.00	2.41	14.9	2.58	16.7	2.93	18.6	3.30
		14	9.45	1.64	11.27	1.95	13.09	2.28	14.00	2.45	14.9	2.63	16.7	2.99	18.6	3.36
		16	9.45	1.66	11.27	1.98	13.09	2.32	14.00	2.50	14.9	2.67	16.7	3.04	18.6	3.43
		18	9.45	1.69	11.27	2.02	13.09	2.36	14.00	2.54	14.9	2.73	16.7	3.10	18.6	3.49
		20	9.45	1.72	11.27	2.05	13.09	2.41	14.00	2.59	14.9	2.78	16.7	3.17	18.6	3.59
		21	9.45	1.74	11.27	2.07	13.09	2.43	14.00	2.62	14.9	2.81	16.7	3.22	18.6	3.72
		23	9.45	1.77	11.27	2.11	13.09	2.48	14.00	2.70	14.9	2.94	16.7	3.44	18.6	3.98
		25	9.45	1.80	11.27	2.19	13.09	2.65	14.00	2.89	14.9	3.14	16.7	3.68	18.6	4.26
		27	9.45	1.90	11.27	2.34	13.09	2.82	14.00	3.08	14.9	3.35	16.7	3.93	18.6	4.55
		29	9.45	2.02	11.27	2.48	13.09	3.00	14.00	3.28	14.9	3.57	16.7	4.19	18.6	4.86
		31	9.45	2.14	11.27	2.64	13.09	3.19	14.00	3.49	14.9	3.80	16.7	4.47	18.6	5.19
		33	9.45	2.27	11.27	2.80	13.09	3.39	14.00	3.71	14.9	4.05	16.7	4.76	18.6	5.53
		35	9.45	2.40	11.27	2.97	13.09	3.61	14.00	3.95	14.9	4.31	16.7	5.07	18.6	5.90
		37	9.45	2.54	11.27	3.15	13.09	3.83	14.00	4.20	14.9	4.58	16.7	5.40	18.6	6.28
		39	9.45	2.69	11.27	3.34	13.09	4.07	14.00	4.46	14.9	4.87	16.7	5.74	18.6	6.69
60	13.44	10	8.10	1.38	9.66	1.62	11.22	1.88	12.00	2.01	12.78	2.15	14.3	2.43	15.9	2.72
		12	8.10	1.40	9.66	1.65	11.22	1.91	12.00	2.04	12.78	2.18	14.3	2.47	15.9	2.77
		14	8.10	1.42	9.66	1.67	11.22	1.94	12.00	2.08	12.78	2.22	14.3	2.52	15.9	2.82
		16	8.10	1.44	9.66	1.70	11.22	1.97	12.00	2.12	12.78	2.26	14.3	2.56	15.9	2.87
		18	8.10	1.47	9.66	1.73	11.22	2.01	12.00	2.15	12.78	2.30	14.3	2.61	15.9	2.93
		20	8.10	1.49	9.66	1.76	11.22	2.04	12.00	2.19	12.78	2.35	14.3	2.66	15.9	2.99
		21	8.10	1.50	9.66	1.77	11.22	2.06	12.00	2.21	12.78	2.37	14.3	2.69	15.9	3.02
		23	8.10	1.52	9.66	1.80	11.22	2.10	12.00	2.26	12.78	2.41	14.3	2.79	15.9	3.21
		25	8.10	1.55	9.66	1.84	11.22	2.18	12.00	2.37	12.78	2.57	14.3	2.98	15.9	3.43
		27	8.10	1.61	9.66	1.95	11.22	2.32	12.00	2.52	12.78	2.73	14.3	3.18	15.9	3.66
		29	8.10	1.70	9.66	2.07	11.22	2.47	12.00	2.68	12.78	2.91	14.3	3.39	15.9	3.90
		31	8.10	1.80	9.66	2.19	11.22	2.62	12.00	2.85	12.78	3.09	14.3	3.61	15.9	4.16
		33	8.10	1.91	9.66	2.32	11.22	2.78	12.00	3.03	12.78	3.29	14.3	3.84	15.9	4.43
		35	8.10	2.02	9.66	2.46	11.22	2.95	12.00	3.22	12.78	3.49	14.3	4.08	15.9	4.71
		37	8.10	2.13	9.66	2.61	11.22	3.13	12.00	3.41	12.78	3.71	14.3	4.34	15.9	5.01
		39	8.10	2.25	9.66	2.76	11.22	3.32	12.00	3.62	12.78	3.94	14.3	4.61	15.9	5.33
50	11.20	10	6.75	1.19	8.05	1.37	9.35	1.57	10.00	1.68	10.65	1.78	11.95	2.00	13.25	2.23
		12	6.75	1.20	8.05	1.39	9.35	1.60	10.00	1.70	10.65	1.81	11.95	2.04	13.25	2.27
		14	6.75	1.22	8.05	1.41	9.35	1.62	10.00	1.73	10.65	1.84	11.95	2.07	13.25	2.31
		16	6.75	1.24	8.05	1.44	9.35	1.65	10.00	1.76	10.65	1.87	11.95	2.11	13.25	2.35
		18	6.75	1.25	8.05	1.46	9.35	1.67	10.00	1.79	10.65	1.90	11.95	2.14	13.25	2.39
		20	6.75	1.27	8.05	1.48	9.35	1.70	10.00	1.82	10.65	1.94	11.95	2.18	13.25	2.44
		21	6.75	1.28	8.05	1.49	9.35	1.72	10.00	1.83	10.65	1.96	11.95	2.20	13.25	2.46
		23	6.75	1.30	8.05	1.52	9.35	1.75	10.00	1.87	10.65	1.99	11.95	2.25	13.25	2.52
		25	6.75	1.32	8.05	1.54	9.35	1.78	10.00	1.91	10.65	2.05	11.95	2.36	13.25	2.69
		27	6.75	1.34	8.05	1.60	9.35	1.88	10.00	2.03	10.65	2.18	11.95	2.51	13.25	2.86
		29	6.75	1.42	8.05	1.69	9.35	1.99	10.00	2.15	10.65	2.32	11.95	2.67	13.25	3.05
		31	6.75	1.50	8.05	1.79	9.35	2.11	10.00	2.28	10.65	2.46	11.95	2.84	13.25	3.24
		33	6.75	1.58	8.05	1.89	9.35	2.24	10.00	2.42	10.65	2.61	11.95	3.01	13.25	3.45
		35	6.75	1.67	8.05	2.00	9.35	2.37	10.00	2.57	10.65	2.77	11.95	3.20	13.25	3.67
		37	6.75	1.76	8.05	2.12	9.35	2.51	10.00	2.72	10.65	2.93	11.95	3.40	13.25	3.89
		39	6.75	1.86	8.05	2.24	9.35	2.65	10.00	2.88	10.65	3.11	11.95	3.60	13.25	4.13

4D080760(2)

NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

- The above table shows the average value of conditions which may occur.
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.
- Connection ratio above 100% can only be used if no FXFQ20 or FXFQ25 indoor unit is connected.
Anschlussverhältnisse über 100 % kann nur angewendet werden, wenn kein Innengerät FXFQ20 oder FXFQ25 angeschlossen ist
Ο λόγος σύνδεσης πάνω από 100% μπορεί να χρησιμοποιείται μόνο εάν δεν έχει συνδεθεί εσωτερική μονάδα FXFQ20 ή FXFQ25
Solo se podrá emplear una relación de conexión superior al 100 % si no hay conectada ninguna unidad interior FXFQ20 o FXFQ25.
Un ratio de connexion supérieur à 100 % peut être utilisé uniquement si aucune unité intérieure FXFQ20 ou FXFQ25 n'est connectée.
Un rapporto di connessione superiore al 100% può essere utilizzato solo se non vengono collegate unità interne di tipo FXFQ20 o FXFQ25
Een aansluitverhouding van meer dan 100% kan alleen worden gebruikt als geen FXFQ20- of FXFQ225-binneneenheid is aangesloten
Соотношение подключения свыше 100% может использоваться только при отсутствии подключенных внутренних блоков FXFQ20 или FXFQ25
%100'ün üzerindeki bağlantı oranı yalnızca FXFQ20 veya FXFQ25 iç ünite bağlı değilse kullanılabilir.

6 Capacity tables

6 - 1 Cooling Capacity Tables

RXYCQ10A

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		20.0		21.0		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
120	33.60	10	20.2	2.84	24.1	3.46	28.0	4.12	30.0	4.45	31.4	4.64	32.1	4.46	32.8	4.29
		12	20.2	2.89	24.1	3.53	28.0	4.20	30.0	4.54	31.0	4.61	31.7	4.44	32.4	4.26
		14	20.2	2.94	24.1	3.60	28.0	4.28	30.0	4.62	30.6	4.59	31.3	4.41	32.0	4.44
		16	20.2	3.00	24.1	3.67	28.0	4.36	29.8	4.66	30.2	4.60	30.9	4.64	31.6	4.68
		18	20.2	3.05	24.1	3.74	28.0	4.51	29.4	4.81	29.8	4.83	30.5	4.88	31.2	4.92
		20	20.2	3.12	24.1	3.89	28.0	4.85	29.0	5.05	29.4	5.07	30.1	5.12	30.8	5.16
		21	20.2	3.15	24.1	4.03	28.0	5.02	28.8	5.16	29.1	5.19	29.9	5.24	30.6	5.28
		23	20.2	3.36	24.1	4.31	28.0	5.37	28.4	5.46	28.7	5.43	29.5	5.48	30.2	5.53
		25	20.2	3.59	24.1	4.62	27.6	5.61	28.0	5.64	28.3	5.66	29.1	5.72	29.8	5.77
		27	20.2	3.83	24.1	4.93	27.2	5.84	27.6	5.87	27.9	5.90	28.7	5.96	29.4	6.02
		29	20.2	4.09	24.1	5.27	26.8	6.08	27.2	6.11	27.5	6.14	28.3	6.20	29.0	6.26
		31	20.2	4.36	24.1	5.62	26.4	6.32	26.7	6.35	27.1	6.38	27.8	6.45	28.6	6.51
		33	20.2	4.64	24.1	6.00	26.0	6.56	26.3	6.59	26.7	6.62	27.4	6.69	28.2	6.76
		35	20.2	4.94	24.1	6.40	25.6	6.80	25.9	6.83	26.3	6.87	27.0	6.94	27.8	7.01
		37	20.2	5.26	24.1	6.82	25.2	7.04	25.5	7.07	25.9	7.11	26.6	7.19	27.4	7.26
		39	20.2	5.59	24.0	7.20	24.8	7.28	25.1	7.32	25.5	7.36	26.2	7.44	26.9	7.52
110	30.80	10	18.6	2.58	22.1	3.14	25.7	3.72	27.5	4.03	29.3	4.33	31.6	4.60	32.2	4.44
		12	18.6	2.62	22.1	3.19	25.7	3.79	27.5	4.10	29.3	4.41	31.1	4.57	31.8	4.41
		14	18.6	2.67	22.1	3.25	25.7	3.87	27.5	4.18	29.3	4.50	30.7	4.55	31.4	4.41
		16	18.6	2.72	22.1	3.32	25.7	3.94	27.5	4.26	29.3	4.58	30.3	4.61	31.0	4.65
		18	18.6	2.77	22.1	3.38	25.7	4.02	27.5	4.38	29.3	4.81	29.9	4.84	30.6	4.88
		20	18.6	2.82	22.1	3.45	25.7	4.26	27.5	4.71	28.9	5.04	29.5	5.08	30.2	5.12
		21	18.6	2.85	22.1	3.55	25.7	4.41	27.5	4.88	28.6	5.16	29.3	5.20	30.0	5.24
		23	18.6	2.99	22.1	3.81	25.7	4.73	27.5	5.23	28.2	5.39	28.9	5.44	29.6	5.48
		25	18.6	3.19	22.1	4.07	25.7	5.06	27.5	5.60	27.8	5.63	28.5	5.68	29.2	5.73
		27	18.6	3.40	22.1	4.35	25.7	5.42	27.1	5.84	27.4	5.86	28.1	5.92	28.8	5.97
		29	18.6	3.62	22.1	4.64	25.7	5.79	26.7	6.07	27.0	6.10	27.7	6.16	28.4	6.21
		31	18.6	3.86	22.1	4.95	25.7	6.18	26.3	6.31	26.6	6.34	27.3	6.40	28.0	6.46
		33	18.6	4.11	22.1	5.28	25.5	6.52	25.9	6.55	26.2	6.58	26.9	6.64	27.5	6.70
		35	18.6	4.37	22.1	5.62	25.1	6.75	25.5	6.79	25.8	6.82	26.5	6.88	27.1	6.95
		37	18.6	4.65	22.1	5.99	24.7	6.99	25.1	7.03	25.4	7.06	26.1	7.13	26.7	7.20
		39	18.6	4.94	22.1	6.37	24.3	7.23	24.7	7.27	25.0	7.30	25.7	7.38	26.3	7.45
100	28.00	10	16.9	2.32	20.1	2.82	23.4	3.34	25.0	3.60	26.6	3.88	29.9	4.43	31.6	4.59
		12	16.9	2.36	20.1	2.87	23.4	3.40	25.0	3.67	26.6	3.95	29.9	4.51	31.2	4.56
		14	16.9	2.41	20.1	2.92	23.4	3.46	25.0	3.74	26.6	4.03	29.9	4.60	30.8	4.54
		16	16.9	2.45	20.1	2.98	23.4	3.53	25.0	3.82	26.6	4.10	29.8	4.66	30.4	4.61
		18	16.9	2.49	20.1	3.03	23.4	3.60	25.0	3.89	26.6	4.19	29.4	4.81	30.0	4.85
		20	16.9	2.54	20.1	3.09	23.4	3.71	25.0	4.09	26.6	4.48	29.0	5.05	29.6	5.08
		21	16.9	2.57	20.1	3.12	23.4	3.84	25.0	4.23	26.6	4.65	28.8	5.16	29.4	5.20
		23	16.9	2.63	20.1	3.33	23.4	4.11	25.0	4.54	26.6	4.98	28.4	5.40	29.0	5.44
		25	16.9	2.81	20.1	3.56	23.4	4.40	25.0	4.86	26.6	5.33	27.9	5.63	28.6	5.68
		27	16.9	3.00	20.1	3.80	23.4	4.70	25.0	5.19	26.6	5.71	27.5	5.87	28.1	5.92
		29	16.9	3.19	20.1	4.05	23.4	5.02	25.0	5.55	26.5	6.06	27.1	6.11	27.7	6.16
		31	16.9	3.39	20.1	4.32	23.4	5.36	25.0	5.92	26.1	6.29	26.7	6.35	27.3	6.40
		33	16.9	3.61	20.1	4.60	23.4	5.72	25.0	6.32	25.7	6.53	26.3	6.59	26.9	6.64
		35	16.9	3.84	20.1	4.90	23.4	6.09	25.0	6.74	25.3	6.77	25.9	6.83	26.5	6.89
		37	16.9	4.08	20.1	5.21	23.4	6.49	24.6	6.98	24.9	7.01	25.5	7.07	26.1	7.13
		39	16.9	4.33	20.1	5.54	23.4	6.91	24.2	7.22	24.5	7.25	25.1	7.32	25.7	7.38
90	25.20	10	15.2	2.08	18.1	2.51	21.0	2.96	22.5	3.19	24.0	3.43	26.9	3.92	29.8	4.42
		12	15.2	2.11	18.1	2.55	21.0	3.01	22.5	3.25	24.0	3.50	26.9	4.00	29.8	4.50
		14	15.2	2.15	18.1	2.60	21.0	3.07	22.5	3.32	24.0	3.56	26.9	4.07	29.8	4.59
		16	15.2	2.19	18.1	2.65	21.0	3.13	22.5	3.38	24.0	3.63	26.9	4.15	29.8	4.67
		18	15.2	2.23	18.1	2.70	21.0	3.19	22.5	3.45	24.0	3.71	26.9	4.23	29.4	4.81
		20	15.2	2.27	18.1	2.75	21.0	3.25	22.5	3.51	24.0	3.84	26.9	4.55	29.0	5.04
		21	15.2	2.29	18.1	2.78	21.0	3.31	22.5	3.64	24.0	3.98	26.9	4.71	28.7	5.16
		23	15.2	2.33	18.1	2.89	21.0	3.54	22.5	3.90	24.0	4.26	26.9	5.06	28.3	5.40
		25	15.2	2.46	18.1	3.09	21.0	3.79	22.5	4.17	24.0	4.56	26.9	5.41	27.9	5.63
		27	15.2	2.62	18.1	3.29	21.0	4.04	22.5	4.45	24.0	4.88	26.9	5.79	27.5	5.87
		29	15.2	2.78	18.1	3.51	21.0	4.32	22.5	4.75	24.0	5.21	26.6	6.06	27.1	6.11
		31	15.2	2.96	18.1	3.73	21.0	4.60	22.5	5.07	24.0	5.56	26.2	6.30	26.7	6.35
		33	15.2	3.14	18.1	3.97	21.0	4.90	22.5	5.40	24.0	5.93	25.8	6.54	26.3	6.59
		35	15.2	3.34	18.1	4.23	21.0	5.22	22.5	5.76	24.0	6.32	25.4	6.77	25.9	6.83
		37	15.2	3.54	18.1	4.49	21.0	5.56	22.5	6.13	24.0	6.74	24.9	7.01	25.5	7.07
		39	15.2	3.76	18.1	4.77	21.0	5.91	22.5	6.53	24.0	7.18	24.5	7.25	25.1	7.31

6 Capacity tables

6 - 1 Cooling Capacity Tables

RXYCQ10A

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

Combination (%)	Capacity index (kW)	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80	22.40	10	13.5	1.85	16.1	2.21	18.7	2.60	20.0	2.80	21.3	3.00	23.9	3.42	26.5	3.86
		12	13.5	1.88	16.1	2.25	18.7	2.64	20.0	2.85	21.3	3.06	23.9	3.49	26.5	3.93
		14	13.5	1.91	16.1	2.29	18.7	2.69	20.0	2.90	21.3	3.11	23.9	3.55	26.5	4.00
		16	13.5	1.94	16.1	2.33	18.7	2.74	20.0	2.96	21.3	3.17	23.9	3.62	26.5	4.08
		18	13.5	1.97	16.1	2.37	18.7	2.79	20.0	3.01	21.3	3.24	23.9	3.69	26.5	4.16
		20	13.5	2.01	16.1	2.42	18.7	2.85	20.0	3.07	21.3	3.30	23.9	3.83	26.5	4.45
		21	13.5	2.02	16.1	2.44	18.7	2.88	20.0	3.10	21.3	3.37	23.9	3.97	26.5	4.61
		23	13.5	2.06	16.1	2.49	18.7	3.02	20.0	3.30	21.3	3.61	23.9	4.25	26.5	4.95
		25	13.5	2.13	16.1	2.65	18.7	3.22	20.0	3.53	21.3	3.85	23.9	4.55	26.5	5.30
		27	13.5	2.27	16.1	2.82	18.7	3.44	20.0	3.77	21.3	4.12	23.9	4.86	26.5	5.67
		29	13.5	2.41	16.1	3.00	18.7	3.66	20.0	4.02	21.3	4.39	23.9	5.19	26.5	6.06
		31	13.5	2.56	16.1	3.19	18.7	3.90	20.0	4.28	21.3	4.68	23.9	5.54	26.1	6.29
		33	13.5	2.71	16.1	3.39	18.7	4.15	20.0	4.56	21.3	4.99	23.9	5.91	25.7	6.53
		35	13.5	2.88	16.1	3.60	18.7	4.42	20.0	4.86	21.3	5.31	23.9	6.30	25.3	6.77
		37	13.5	3.05	16.1	3.83	18.7	4.70	20.0	5.17	21.3	5.66	23.9	6.71	24.9	7.01
		39	13.5	3.23	16.1	4.06	18.7	4.99	20.0	5.50	21.3	6.02	23.9	7.15	24.5	7.25
70	19.60	10	11.8	1.62	14.1	1.93	16.4	2.25	17.5	2.42	18.6	2.59	20.9	2.94	23.2	3.31
		12	11.8	1.65	14.1	1.96	16.4	2.29	17.5	2.46	18.6	2.63	20.9	2.99	23.2	3.37
		14	11.8	1.67	14.1	1.99	16.4	2.33	17.5	2.50	18.6	2.68	20.9	3.05	23.2	3.43
		16	11.8	1.70	14.1	2.02	16.4	2.37	17.5	2.55	18.6	2.73	20.9	3.11	23.2	3.50
		18	11.8	1.73	14.1	2.06	16.4	2.41	17.5	2.60	18.6	2.78	20.9	3.17	23.2	3.57
		20	11.8	1.76	14.1	2.10	16.4	2.46	17.5	2.65	18.6	2.84	20.9	3.23	23.2	3.67
		21	11.8	1.77	14.1	2.12	16.4	2.48	17.5	2.67	18.6	2.87	20.9	3.28	23.2	3.80
		23	11.8	1.80	14.1	2.16	16.4	2.53	17.5	2.76	18.6	3.00	20.9	3.51	23.2	4.07
		25	11.8	1.84	14.1	2.24	16.4	2.70	17.5	2.95	18.6	3.21	20.9	3.76	23.2	4.35
		27	11.8	1.94	14.1	2.38	16.4	2.88	17.5	3.14	18.6	3.42	20.9	4.01	23.2	4.65
		29	11.8	2.06	14.1	2.54	16.4	3.06	17.5	3.35	18.6	3.65	20.9	4.28	23.2	4.97
		31	11.8	2.18	14.1	2.69	16.4	3.26	17.5	3.56	18.6	3.88	20.9	4.56	23.2	5.30
		33	11.8	2.31	14.1	2.86	16.4	3.47	17.5	3.79	18.6	4.13	20.9	4.86	23.2	5.65
		35	11.8	2.45	14.1	3.03	16.4	3.68	17.5	4.03	18.6	4.40	20.9	5.18	23.2	6.02
		37	11.8	2.59	14.1	3.22	16.4	3.91	17.5	4.28	18.6	4.67	20.9	5.51	23.2	6.41
		39	11.8	2.74	14.1	3.41	16.4	4.15	17.5	4.55	18.6	4.97	20.9	5.86	23.2	6.83
60	16.80	10	10.1	1.41	12.1	1.66	14.0	1.92	15.0	2.05	16.0	2.19	17.9	2.48	19.9	2.78
		12	10.1	1.43	12.1	1.68	14.0	1.95	15.0	2.09	16.0	2.23	17.9	2.52	19.9	2.83
		14	10.1	1.45	12.1	1.71	14.0	1.98	15.0	2.12	16.0	2.27	17.9	2.57	19.9	2.88
		16	10.1	1.47	12.1	1.74	14.0	2.02	15.0	2.16	16.0	2.31	17.9	2.62	19.9	2.94
		18	10.1	1.50	12.1	1.77	14.0	2.05	15.0	2.20	16.0	2.35	17.9	2.67	19.9	2.99
		20	10.1	1.52	12.1	1.80	14.0	2.09	15.0	2.24	16.0	2.40	17.9	2.72	19.9	3.05
		21	10.1	1.53	12.1	1.81	14.0	2.11	15.0	2.26	16.0	2.42	17.9	2.74	19.9	3.08
		23	10.1	1.56	12.1	1.84	14.0	2.15	15.0	2.30	16.0	2.46	17.9	2.85	19.9	3.28
		25	10.1	1.58	12.1	1.88	14.0	2.23	15.0	2.42	16.0	2.62	17.9	3.04	19.9	3.50
		27	10.1	1.64	12.1	1.99	14.0	2.37	15.0	2.58	16.0	2.79	17.9	3.25	19.9	3.74
		29	10.1	1.74	12.1	2.11	14.0	2.52	15.0	2.74	16.0	2.97	17.9	3.46	19.9	3.98
		31	10.1	1.84	12.1	2.24	14.0	2.68	15.0	2.91	16.0	3.16	17.9	3.68	19.9	4.25
		33	10.1	1.95	12.1	2.37	14.0	2.84	15.0	3.10	16.0	3.36	17.9	3.92	19.9	4.52
		35	10.1	2.06	12.1	2.51	14.0	3.02	15.0	3.29	16.0	3.57	17.9	4.17	19.9	4.81
		37	10.1	2.18	12.1	2.66	14.0	3.20	15.0	3.49	16.0	3.79	17.9	4.43	19.9	5.12
		39	10.1	2.30	12.1	2.82	14.0	3.39	15.0	3.70	16.0	4.02	17.9	4.71	19.9	5.45
50	14.00	10	8.44	1.21	10.1	1.40	11.7	1.61	12.5	1.71	13.3	1.82	14.9	2.04	16.6	2.28
		12	8.44	1.23	10.1	1.42	11.7	1.63	12.5	1.74	13.3	1.85	14.9	2.08	16.6	2.32
		14	8.44	1.25	10.1	1.44	11.7	1.66	12.5	1.77	13.3	1.88	14.9	2.11	16.6	2.36
		16	8.44	1.26	10.1	1.47	11.7	1.68	12.5	1.80	13.3	1.91	14.9	2.15	16.6	2.40
		18	8.44	1.28	10.1	1.49	11.7	1.71	12.5	1.83	13.3	1.94	14.9	2.19	16.6	2.44
		20	8.44	1.30	10.1	1.51	11.7	1.74	12.5	1.86	13.3	1.98	14.9	2.23	16.6	2.49
		21	8.44	1.31	10.1	1.52	11.7	1.75	12.5	1.87	13.3	2.00	14.9	2.25	16.6	2.52
		23	8.44	1.33	10.1	1.55	11.7	1.78	12.5	1.91	13.3	2.03	14.9	2.29	16.6	2.57
		25	8.44	1.35	10.1	1.57	11.7	1.82	12.5	1.95	13.3	2.10	14.9	2.41	16.6	2.74
		27	8.44	1.37	10.1	1.63	11.7	1.92	12.5	2.07	13.3	2.23	14.9	2.56	16.6	2.92
		29	8.44	1.45	10.1	1.73	11.7	2.03	12.5	2.20	13.3	2.37	14.9	2.73	16.6	3.11
		31	8.44	1.53	10.1	1.83	11.7	2.16	12.5	2.33	13.3	2.51	14.9	2.90	16.6	3.31
		33	8.44	1.62	10.1	1.93	11.7	2.29	12.5	2.47	13.3	2.67	14.9	3.08	16.6	3.52
		35	8.44	1.70	10.1	2.05	11.7	2.42	12.5	2.62	13.3	2.83	14.9	3.27	16.6	3.74
		37	8.44	1.80	10.1	2.16	11.7	2.56	12.5	2.77	13.3	3.00	14.9	3.47	16.6	3.98
		39	8.44	1.90	10.1	2.28	11.7	2.71	12.5	2.94	13.3	3.18	14.9	3.68	16.6	4.22

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

- The above table shows the average value of conditions which may occur.
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.
- Connection ratio above 100% can only be used if no FXFQ20 or FXFQ25 indoor unit is connected.
Anschlussverhältnisse über 100 % kann nur angewendet werden, wenn kein Innengerät FXFQ20 oder FXFQ25 angeschlossen ist
Ο λόγος σύνδεσης πάνω από 100% μπορεί να χρησιμοποιείται μόνο εάν δεν έχει συνδεθεί εσωτερική μονάδα FXFQ20 ή FXFQ25
Solo se podrá emplear una relación de conexión superior al 100 % si no hay conectada ninguna unidad interior FXFQ20 o FXFQ25.
Un ratio de connexion supérieur à 100 % peut être utilisé uniquement si aucune unité intérieure FXFQ20 ou FXFQ25 n'est connectée.
Un rapporto di connessione superiore al 100% può essere utilizzato solo se non vengono collegate unità interne di tipo FXFQ20 o FXFQ25
Een aansluitverhouding van meer dan 100% kan alleen worden gebruikt als geen FXFQ20- of FXFQ225-binneneenheid is aangesloten
Соотношение подключения свыше 100% может использоваться только при отсутствии подключенных внутренних блоков FXFQ20 или FXFQ25
%100'ün üzerindeki bağlantı oranı yalnızca FXFQ20 veya FXFQ25 iç ünite bağlı değilse kullanılabilir.

6 Capacity tables

6 - 1 Cooling Capacity Tables

RXYCQ12A

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		20.0		21.0		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
120	40.32	10	24.3	3.69	29.0	4.51	33.7	5.36	36.0	5.79	37.7	6.03	38.5	5.81	39.4	5.58
		12	24.3	3.76	29.0	4.59	33.7	5.46	36.0	5.90	37.2	6.00	38.0	5.77	38.9	5.54
		14	24.3	3.83	29.0	4.68	33.7	5.57	36.0	6.02	36.7	5.97	37.6	5.74	38.4	5.78
		16	24.3	3.90	29.0	4.77	33.7	5.67	35.8	6.06	36.2	5.99	37.1	6.04	37.9	6.09
		18	24.3	3.97	29.0	4.86	33.7	5.87	35.3	6.26	35.7	6.29	36.6	6.35	37.5	6.40
		20	24.3	4.05	29.0	5.06	33.7	6.31	34.8	6.57	35.2	6.60	36.1	6.66	37.0	6.72
		21	24.3	4.09	29.0	5.24	33.7	6.54	34.5	6.72	35.0	6.75	35.9	6.81	36.7	6.88
		23	24.3	4.37	29.0	5.61	33.6	6.99	34.1	7.03	34.5	7.06	35.4	7.13	36.2	7.19
		25	24.3	4.67	29.0	6.01	33.1	7.30	33.6	7.33	34.0	7.37	34.9	7.44	35.8	7.51
		27	24.3	4.99	29.0	6.42	32.6	7.60	33.1	7.64	33.5	7.68	34.4	7.75	35.3	7.83
		29	24.3	5.32	29.0	6.86	32.1	7.91	32.6	7.95	33.0	7.99	33.9	8.07	34.8	8.15
		31	24.3	5.67	29.0	7.32	31.7	8.22	32.1	8.26	32.5	8.30	33.4	8.39	34.3	8.47
		33	24.3	6.04	29.0	7.81	31.2	8.53	31.6	8.58	32.0	8.62	32.9	8.71	33.8	8.80
		35	24.3	6.43	29.0	8.32	30.7	8.84	31.1	8.89	31.6	8.94	32.4	9.03	33.3	9.12
		37	24.3	6.84	29.0	8.87	30.2	9.16	30.6	9.20	31.1	9.25	31.9	9.35	32.8	9.45
		39	24.3	7.28	28.8	9.37	29.7	9.47	30.1	9.52	30.6	9.57	31.5	9.68	32.3	9.78
110	36.96	10	22.3	3.35	26.6	4.08	30.9	4.85	33.0	5.24	35.1	5.63	37.9	5.98	38.7	5.77
		12	22.3	3.41	26.6	4.16	30.9	4.94	33.0	5.34	35.1	5.74	37.4	5.95	38.2	5.74
		14	22.3	3.47	26.6	4.23	30.9	5.03	33.0	5.44	35.1	5.85	36.9	5.92	37.7	5.74
		16	22.3	3.54	26.6	4.32	30.9	5.13	33.0	5.55	35.1	5.96	36.4	6.00	37.2	6.05
		18	22.3	3.60	26.6	4.40	30.9	5.23	33.0	5.70	35.1	6.25	35.9	6.30	36.7	6.36
		20	22.3	3.67	26.6	4.49	30.9	5.54	33.0	6.12	34.6	6.56	35.4	6.61	36.2	6.67
		21	22.3	3.71	26.6	4.63	30.9	5.74	33.0	6.34	34.4	6.71	35.2	6.77	36.0	6.82
		23	22.3	3.88	26.6	4.95	30.9	6.15	33.0	6.80	33.9	7.01	34.7	7.07	35.5	7.14
		25	22.3	4.15	26.6	5.30	30.9	6.59	33.0	7.29	33.4	7.32	34.2	7.39	35.0	7.45
		27	22.3	4.43	26.6	5.66	30.9	7.05	32.5	7.59	32.9	7.63	33.7	7.70	34.5	7.77
		29	22.3	4.72	26.6	6.04	30.9	7.53	32.0	7.90	32.4	7.94	33.2	8.01	34.0	8.08
		31	22.3	5.02	26.6	6.44	30.9	8.04	31.5	8.21	31.9	8.25	32.7	8.32	33.5	8.40
		33	22.3	5.35	26.6	6.87	30.6	8.48	31.0	8.52	31.5	8.56	32.3	8.64	33.1	8.72
		35	22.3	5.69	26.6	7.31	30.2	8.79	30.6	8.83	31.0	8.87	31.8	8.96	32.6	9.04
		37	22.3	6.05	26.6	7.79	29.7	9.10	30.1	9.14	30.5	9.19	31.3	9.28	32.1	9.37
		39	22.3	6.43	26.6	8.29	29.2	9.41	29.6	9.46	30.0	9.50	30.8	9.60	31.6	9.69
100	33.60	10	20.2	3.02	24.1	3.66	28.0	4.34	30.0	4.69	32.0	5.05	35.9	5.77	37.9	5.97
		12	20.2	3.07	24.1	3.73	28.0	4.42	30.0	4.78	32.0	5.14	35.9	5.87	37.4	5.94
		14	20.2	3.13	24.1	3.80	28.0	4.51	30.0	4.87	32.0	5.24	35.9	5.99	36.9	5.90
		16	20.2	3.19	24.1	3.87	28.0	4.59	30.0	4.97	32.0	5.34	35.7	6.07	36.5	6.00
		18	20.2	3.25	24.1	3.95	28.0	4.68	30.0	5.06	32.0	5.45	35.2	6.26	36.0	6.31
		20	20.2	3.31	24.1	4.03	28.0	4.83	30.0	5.32	32.0	5.84	34.8	6.57	35.5	6.62
		21	20.2	3.34	24.1	4.07	28.0	5.00	30.0	5.51	32.0	6.05	34.5	6.72	35.2	6.77
		23	20.2	3.43	24.1	4.34	28.0	5.35	30.0	5.90	32.0	6.48	34.0	7.02	34.8	7.08
		25	20.2	3.66	24.1	4.63	28.0	5.73	30.0	6.32	32.0	6.94	33.5	7.33	34.3	7.39
		27	20.2	3.90	24.1	4.95	28.0	6.12	30.0	6.76	32.0	7.43	33.0	7.64	33.8	7.70
		29	20.2	4.15	24.1	5.27	28.0	6.54	30.0	7.22	31.8	7.88	32.6	7.95	33.3	8.02
		31	20.2	4.42	24.1	5.62	28.0	6.97	30.0	7.71	31.3	8.19	32.1	8.26	32.8	8.33
		33	20.2	4.70	24.1	5.99	28.0	7.44	30.0	8.22	30.9	8.50	31.6	8.57	32.3	8.65
		35	20.2	4.99	24.1	6.37	28.0	7.93	30.0	8.77	30.4	8.81	31.1	8.89	31.8	8.96
		37	20.2	5.30	24.1	6.78	28.0	8.45	29.5	9.08	29.9	9.12	30.6	9.20	31.3	9.28
		39	20.2	5.63	24.1	7.21	28.0	9.00	29.0	9.39	29.4	9.43	30.1	9.52	30.8	9.60
90	30.24	10	18.2	2.71	21.7	3.26	25.2	3.85	27.0	4.16	28.8	4.47	32.3	5.10	35.8	5.75
		12	18.2	2.75	21.7	3.32	25.2	3.92	27.0	4.23	28.8	4.55	32.3	5.20	35.8	5.86
		14	18.2	2.80	21.7	3.38	25.2	4.00	27.0	4.31	28.8	4.64	32.3	5.30	35.8	5.97
		16	18.2	2.85	21.7	3.44	25.2	4.07	27.0	4.40	28.8	4.73	32.3	5.40	35.7	6.07
		18	18.2	2.90	21.7	3.51	25.2	4.15	27.0	4.48	28.8	4.82	32.3	5.51	35.2	6.26
		20	18.2	2.95	21.7	3.58	25.2	4.23	27.0	4.57	28.8	5.00	32.3	5.92	34.7	6.56
		21	18.2	2.98	21.7	3.61	25.2	4.31	27.0	4.73	28.8	5.18	32.3	6.13	34.5	6.72
		23	18.2	3.04	21.7	3.76	25.2	4.61	27.0	5.07	28.8	5.55	32.3	6.58	34.0	7.02
		25	18.2	3.20	21.7	4.01	25.2	4.93	27.0	5.42	28.8	5.94	32.3	7.04	33.5	7.33
		27	18.2	3.41	21.7	4.28	25.2	5.26	27.0	5.79	28.8	6.35	32.3	7.54	33.0	7.64
		29	18.2	3.62	21.7	4.56	25.2	5.61	27.0	6.18	28.8	6.78	31.9	7.89	32.5	7.95
		31	18.2	3.85	21.7	4.86	25.2	5.99	27.0	6.60	28.8	7.24	31.4	8.20	32.1	8.26
		33	18.2	4.09	21.7	5.17	25.2	6.38	27.0	7.03	28.8	7.72	30.9	8.51	31.6	8.57
		35	18.2	4.34	21.7	5.50	25.2	6.79	27.0	7.49	28.8	8.23	30.4	8.82	31.1	8.88
		37	18.2	4.61	21.7	5.84	25.2	7.23	27.0	7.98	28.8	8.77	29.9	9.13	30.6	9.20
		39	18.2	4.89	21.7	6.21	25.2	7.69	27.0	8.50	28.8	9.34	29.4	9.44	30.1	9.52

6 Capacity tables

6 - 1 Cooling Capacity Tables

RXYCQ12A

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

Combination (%)	Capacity index (kW)	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80	26.88	10	16.2	2.40	19.3	2.88	22.4	3.38	24.0	3.64	25.6	3.91	28.7	4.45	31.8	5.02
		12	16.2	2.44	19.3	2.92	22.4	3.44	24.0	3.71	25.6	3.98	28.7	4.54	31.8	5.11
		14	16.2	2.48	19.3	2.98	22.4	3.50	24.0	3.77	25.6	4.05	28.7	4.62	31.8	5.21
		16	16.2	2.52	19.3	3.03	22.4	3.57	24.0	3.85	25.6	4.13	28.7	4.71	31.8	5.31
		18	16.2	2.57	19.3	3.09	22.4	3.64	24.0	3.92	25.6	4.21	28.7	4.81	31.8	5.42
		20	16.2	2.61	19.3	3.14	22.4	3.71	24.0	4.00	25.6	4.29	28.7	4.98	31.8	5.80
		21	16.2	2.63	19.3	3.17	22.4	3.74	24.0	4.04	25.6	4.38	28.7	5.16	31.8	6.00
		23	16.2	2.68	19.3	3.23	22.4	3.92	24.0	4.30	25.6	4.69	28.7	5.53	31.8	6.44
		25	16.2	2.77	19.3	3.44	22.4	4.19	24.0	4.59	25.6	5.02	28.7	5.92	31.8	6.89
		27	16.2	2.95	19.3	3.67	22.4	4.47	24.0	4.90	25.6	5.36	28.7	6.32	31.8	7.37
		29	16.2	3.13	19.3	3.90	22.4	4.77	24.0	5.23	25.6	5.72	28.7	6.75	31.8	7.88
		31	16.2	3.33	19.3	4.15	22.4	5.08	24.0	5.57	25.6	6.09	28.7	7.21	31.3	8.19
		33	16.2	3.53	19.3	4.41	22.4	5.40	24.0	5.93	25.6	6.49	28.7	7.69	30.8	8.50
		35	16.2	3.74	19.3	4.69	22.4	5.75	24.0	6.32	25.6	6.92	28.7	8.20	30.3	8.81
		37	16.2	3.97	19.3	4.98	22.4	6.11	24.0	6.72	25.6	7.36	28.7	8.73	29.8	9.12
		39	16.2	4.20	19.3	5.29	22.4	6.50	24.0	7.15	25.6	7.84	28.7	9.30	29.4	9.43
70	23.52	10	14.2	2.11	16.9	2.51	19.6	2.92	21.0	3.14	22.4	3.37	25.1	3.83	27.8	4.30
		12	14.2	2.14	16.9	2.55	19.6	2.98	21.0	3.20	22.4	3.43	25.1	3.90	27.8	4.38
		14	14.2	2.18	16.9	2.59	19.6	3.03	21.0	3.26	22.4	3.49	25.1	3.97	27.8	4.47
		16	14.2	2.21	16.9	2.63	19.6	3.08	21.0	3.32	22.4	3.55	25.1	4.05	27.8	4.55
		18	14.2	2.25	16.9	2.68	19.6	3.14	21.0	3.38	22.4	3.62	25.1	4.12	27.8	4.64
		20	14.2	2.29	16.9	2.73	19.6	3.20	21.0	3.44	22.4	3.69	25.1	4.21	27.8	4.77
		21	14.2	2.31	16.9	2.75	19.6	3.23	21.0	3.48	22.4	3.73	25.1	4.27	27.8	4.94
		23	14.2	2.35	16.9	2.80	19.6	3.30	21.0	3.59	22.4	3.91	25.1	4.57	27.8	5.29
		25	14.2	2.39	16.9	2.92	19.6	3.51	21.0	3.84	22.4	4.17	25.1	4.89	27.8	5.66
		27	14.2	2.52	16.9	3.10	19.6	3.75	21.0	4.09	22.4	4.45	25.1	5.22	27.8	6.05
		29	14.2	2.68	16.9	3.30	19.6	3.99	21.0	4.36	22.4	4.74	25.1	5.57	27.8	6.46
		31	14.2	2.84	16.9	3.50	19.6	4.24	21.0	4.64	22.4	5.05	25.1	5.94	27.8	6.89
		33	14.2	3.01	16.9	3.72	19.6	4.51	21.0	4.93	22.4	5.38	25.1	6.32	27.8	7.35
		35	14.2	3.19	16.9	3.95	19.6	4.79	21.0	5.25	22.4	5.72	25.1	6.73	27.8	7.83
		37	14.2	3.37	16.9	4.19	19.6	5.09	21.0	5.57	22.4	6.08	25.1	7.17	27.8	8.35
		39	14.2	3.57	16.9	4.44	19.6	5.40	21.0	5.92	22.4	6.47	25.1	7.63	27.8	8.89
60	20.16	10	12.1	1.84	14.5	2.16	16.8	2.49	18.0	2.67	19.2	2.85	21.5	3.23	23.9	3.61
		12	12.1	1.86	14.5	2.19	16.8	2.54	18.0	2.72	19.2	2.90	21.5	3.28	23.9	3.68
		14	12.1	1.89	14.5	2.22	16.8	2.58	18.0	2.76	19.2	2.95	21.5	3.34	23.9	3.75
		16	12.1	1.92	14.5	2.26	16.8	2.62	18.0	2.81	19.2	3.00	21.5	3.40	23.9	3.82
		18	12.1	1.95	14.5	2.30	16.8	2.67	18.0	2.86	19.2	3.06	21.5	3.47	23.9	3.89
		20	12.1	1.98	14.5	2.34	16.8	2.72	18.0	2.91	19.2	3.12	21.5	3.54	23.9	3.97
		21	12.1	1.99	14.5	2.36	16.8	2.74	18.0	2.94	19.2	3.15	21.5	3.57	23.9	4.01
		23	12.1	2.03	14.5	2.40	16.8	2.79	18.0	3.00	19.2	3.21	21.5	3.71	23.9	4.26
		25	12.1	2.06	14.5	2.44	16.8	2.90	18.0	3.15	19.2	3.41	21.5	3.96	23.9	4.55
		27	12.1	2.14	14.5	2.59	16.8	3.09	18.0	3.35	19.2	3.63	21.5	4.22	23.9	4.86
		29	12.1	2.26	14.5	2.75	16.8	3.28	18.0	3.57	19.2	3.87	21.5	4.50	23.9	5.18
		31	12.1	2.40	14.5	2.91	16.8	3.49	18.0	3.79	19.2	4.11	21.5	4.79	23.9	5.52
		33	12.1	2.53	14.5	3.09	16.8	3.70	18.0	4.03	19.2	4.37	21.5	5.10	23.9	5.88
		35	12.1	2.68	14.5	3.27	16.8	3.93	18.0	4.28	19.2	4.64	21.5	5.42	23.9	6.26
		37	12.1	2.83	14.5	3.46	16.8	4.16	18.0	4.54	19.2	4.93	21.5	5.76	23.9	6.66
		39	12.1	2.99	14.5	3.67	16.8	4.41	18.0	4.81	19.2	5.23	21.5	6.12	23.9	7.09
50	16.80	10	10.12	1.58	12.1	1.83	14.0	2.09	15.0	2.23	16.0	2.37	17.9	2.66	19.9	2.96
		12	10.12	1.60	12.1	1.85	14.0	2.12	15.0	2.26	16.0	2.41	17.9	2.70	19.9	3.01
		14	10.12	1.62	12.1	1.88	14.0	2.16	15.0	2.30	16.0	2.45	17.9	2.75	19.9	3.07
		16	10.12	1.64	12.1	1.91	14.0	2.19	15.0	2.34	16.0	2.49	17.9	2.80	19.9	3.12
		18	10.12	1.66	12.1	1.94	14.0	2.23	15.0	2.38	16.0	2.53	17.9	2.85	19.9	3.18
		20	10.12	1.69	12.1	1.97	14.0	2.26	15.0	2.42	16.0	2.57	17.9	2.90	19.9	3.24
		21	10.12	1.70	12.1	1.98	14.0	2.28	15.0	2.44	16.0	2.60	17.9	2.93	19.9	3.27
		23	10.12	1.73	12.1	2.02	14.0	2.32	15.0	2.48	16.0	2.65	17.9	2.98	19.9	3.35
		25	10.12	1.75	12.1	2.05	14.0	2.36	15.0	2.53	16.0	2.73	17.9	3.13	19.9	3.57
		27	10.12	1.78	12.1	2.12	14.0	2.49	15.0	2.69	16.0	2.90	17.9	3.34	19.9	3.81
		29	10.12	1.88	12.1	2.25	14.0	2.65	15.0	2.86	16.0	3.08	17.9	3.55	19.9	4.05
		31	10.12	1.99	12.1	2.38	14.0	2.81	15.0	3.03	16.0	3.27	17.9	3.77	19.9	4.31
		33	10.12	2.10	12.1	2.52	14.0	2.97	15.0	3.22	16.0	3.47	17.9	4.01	19.9	4.58
		35	10.12	2.22	12.1	2.66	14.0	3.15	15.0	3.41	16.0	3.68	17.9	4.25	19.9	4.87
		37	10.12	2.34	12.1	2.81	14.0	3.33	15.0	3.61	16.0	3.90	17.9	4.51	19.9	5.17
		39	10.12	2.47	12.1	2.97	14.0	3.53	15.0	3.82	16.0	4.13	17.9	4.79	19.9	5.49

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

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

Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.

Στον παραπάνω πίνακα αναγράφεται η μέση τιμή ή συνθήκες που μπορεί να προκύψουν.

La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.

Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.

La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.

De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.

Таблица расположенная выше показывает среднее значение условий, которые могут наступить.

Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

6 Capacity tables

6 - 1 Cooling Capacity Tables

RXYCQ14A

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		20.0		21.0		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
120	47.04	10	28.3	4.80	33.8	5.86	39.3	6.97	42.0	7.53	43.9	7.84	45.0	7.55	46.0	7.25
		12	28.3	4.88	33.8	5.97	39.3	7.10	42.0	7.67	43.4	7.81	44.4	7.51	45.4	7.20
		14	28.3	4.97	33.8	6.08	39.3	7.23	42.0	7.82	42.8	7.77	43.8	7.46	44.8	7.51
		16	28.3	5.07	33.8	6.20	39.3	7.38	41.7	7.88	42.2	7.78	43.3	7.85	44.3	7.92
		18	28.3	5.17	33.8	6.32	39.3	7.63	41.1	8.14	41.7	8.18	42.7	8.25	43.7	8.32
		20	28.3	5.27	33.8	6.57	39.3	8.20	40.6	8.54	41.1	8.58	42.1	8.65	43.1	8.73
		21	28.3	5.32	33.8	6.81	39.3	8.50	40.3	8.74	40.8	8.78	41.8	8.86	42.9	8.94
		23	28.3	5.68	33.8	7.29	39.2	9.09	39.7	9.13	40.2	9.18	41.3	9.26	42.3	9.35
		25	28.3	6.07	33.8	7.81	38.6	9.49	39.2	9.53	39.7	9.58	40.7	9.67	41.7	9.76
		27	28.3	6.48	33.8	8.35	38.1	9.89	38.6	9.93	39.1	9.98	40.1	10.08	41.1	10.18
		29	28.3	6.91	33.8	8.91	37.5	10.29	38.0	10.34	38.5	10.39	39.6	10.49	40.6	10.59
		31	28.3	7.37	33.8	9.51	36.9	10.69	37.4	10.74	38.0	10.80	39.0	10.90	40.0	11.01
		33	28.3	7.85	33.8	10.15	36.4	11.09	36.9	11.15	37.4	11.20	38.4	11.32	39.4	11.43
		35	28.3	8.36	33.8	10.82	35.8	11.49	36.3	11.55	36.8	11.62	37.8	11.74	38.9	11.86
		37	28.3	8.89	33.8	11.53	35.2	11.90	35.7	11.96	36.3	12.03	37.3	12.16	38.3	12.3
		39	28.3	9.46	33.6	12.18	34.7	12.3	35.2	12.4	35.7	12.4	36.7	12.6	37.7	12.7
110	43.12	10	26.0	4.36	31.0	5.30	36.0	6.30	38.5	6.81	41.0	7.32	44.2	7.78	45.1	7.51
		12	26.0	4.43	31.0	5.40	36.0	6.42	38.5	6.94	41.0	7.46	43.6	7.74	44.5	7.46
		14	26.0	4.51	31.0	5.50	36.0	6.54	38.5	7.07	41.0	7.61	43.0	7.69	44.0	7.46
		16	26.0	4.60	31.0	5.61	36.0	6.67	38.5	7.21	41.0	7.75	42.5	7.80	43.4	7.86
		18	26.0	4.69	31.0	5.72	36.0	6.80	38.5	7.41	41.0	8.13	41.9	8.19	42.8	8.26
		20	26.0	4.78	31.0	5.83	36.0	7.20	38.5	7.96	40.4	8.52	41.3	8.59	42.3	8.67
		21	26.0	4.82	31.0	6.01	36.0	7.46	38.5	8.25	40.1	8.72	41.0	8.79	42.0	8.87
		23	26.0	5.05	31.0	6.44	36.0	8.00	38.5	8.84	39.5	9.12	40.5	9.20	41.4	9.28
		25	26.0	5.39	31.0	6.88	36.0	8.56	38.5	9.47	39.0	9.52	39.9	9.60	40.8	9.68
		27	26.0	5.75	31.0	7.35	36.0	9.16	37.9	9.87	38.4	9.92	39.3	10.01	40.3	10.09
		29	26.0	6.13	31.0	7.85	36.0	9.79	37.4	10.27	37.8	10.32	38.8	10.41	39.7	10.51
		31	26.0	6.53	31.0	8.37	36.0	10.45	36.8	10.67	37.3	10.72	38.2	10.82	39.1	10.92
		33	26.0	6.95	31.0	8.92	35.8	11.02	36.2	11.07	36.7	11.13	37.6	11.23	38.6	11.34
		35	26.0	7.39	31.0	9.51	35.2	11.42	35.7	11.48	36.1	11.53	37.1	11.64	38.0	11.75
		37	26.0	7.86	31.0	10.13	34.6	11.82	35.1	11.88	35.6	11.94	36.5	12.06	37.4	12.18
		39	26.0	8.36	31.0	10.78	34.0	12.2	34.5	12.3	35.0	12.4	35.9	12.5	36.9	12.6
100	39.20	10	23.6	3.93	28.2	4.76	32.7	5.64	35.0	6.10	37.3	6.56	41.8	7.49	44.2	7.76
		12	23.6	4.00	28.2	4.85	32.7	5.75	35.0	6.21	37.3	6.68	41.8	7.64	43.7	7.72
		14	23.6	4.07	28.2	4.94	32.7	5.86	35.0	6.33	37.3	6.81	41.8	7.78	43.1	7.67
		16	23.6	4.14	28.2	5.03	32.7	5.97	35.0	6.45	37.3	6.94	41.7	7.89	42.5	7.80
		18	23.6	4.22	28.2	5.13	32.7	6.09	35.0	6.58	37.3	7.08	41.1	8.14	42.0	8.20
		20	23.6	4.30	28.2	5.23	32.7	6.27	35.0	6.91	37.3	7.58	40.5	8.53	41.4	8.60
		21	23.6	4.34	28.2	5.28	32.7	6.50	35.0	7.16	37.3	7.86	40.3	8.73	41.1	8.80
		23	23.6	4.46	28.2	5.64	32.7	6.96	35.0	7.67	37.3	8.43	39.7	9.13	40.5	9.20
		25	23.6	4.75	28.2	6.02	32.7	7.44	35.0	8.21	37.3	9.02	39.1	9.53	40.0	9.61
		27	23.6	5.07	28.2	6.43	32.7	7.96	35.0	8.78	37.3	9.65	38.6	9.93	39.4	10.01
		29	23.6	5.40	28.2	6.86	32.7	8.50	35.0	9.38	37.1	10.25	38.0	10.33	38.8	10.42
		31	23.6	5.74	28.2	7.31	32.7	9.07	35.0	10.02	36.6	10.65	37.4	10.74	38.3	10.83
		33	23.6	6.11	28.2	7.78	32.7	9.67	35.0	10.69	36.0	11.05	36.8	11.14	37.7	11.24
		35	23.6	6.49	28.2	8.28	32.7	10.30	35.0	11.40	35.4	11.45	36.3	11.55	37.1	11.65
		37	23.6	6.89	28.2	8.82	32.7	10.98	34.4	11.80	34.9	11.85	35.7	11.96	36.6	12.07
		39	23.6	7.32	28.2	9.38	32.7	11.69	33.9	12.20	34.3	12.3	35.1	12.4	36.0	12.5
90	35.28	10	21.3	3.52	25.4	4.24	29.5	5.01	31.5	5.40	33.5	5.81	37.6	6.63	41.7	7.48
		12	21.3	3.58	25.4	4.32	29.5	5.10	31.5	5.50	33.5	5.92	37.6	6.76	41.7	7.62
		14	21.3	3.64	25.4	4.39	29.5	5.19	31.5	5.61	33.5	6.03	37.6	6.89	41.7	7.76
		16	21.3	3.70	25.4	4.48	29.5	5.29	31.5	5.72	33.5	6.15	37.6	7.02	41.7	7.89
		18	21.3	3.77	25.4	4.56	29.5	5.40	31.5	5.83	33.5	6.27	37.6	7.16	41.1	8.14
		20	21.3	3.84	25.4	4.65	29.5	5.50	31.5	5.95	33.5	6.50	37.6	7.70	40.5	8.53
		21	21.3	3.87	25.4	4.69	29.5	5.60	31.5	6.15	33.5	6.73	37.6	7.97	40.2	8.73
		23	21.3	3.95	25.4	4.89	29.5	5.99	31.5	6.59	33.5	7.21	37.6	8.55	39.7	9.13
		25	21.3	4.16	25.4	5.22	29.5	6.41	31.5	7.05	33.5	7.72	37.6	9.16	39.1	9.53
		27	21.3	4.43	25.4	5.57	29.5	6.84	31.5	7.53	33.5	8.25	37.6	9.80	38.5	9.93
		29	21.3	4.71	25.4	5.93	29.5	7.30	31.5	8.04	33.5	8.81	37.2	10.25	38.0	10.33
		31	21.3	5.01	25.4	6.31	29.5	7.78	31.5	8.57	33.5	9.41	36.6	10.65	37.4	10.74
		33	21.3	5.32	25.4	6.72	29.5	8.29	31.5	9.14	33.5	10.03	36.1	11.06	36.8	11.14
		35	21.3	5.65	25.4	7.15	29.5	8.83	31.5	9.74	33.5	10.69	35.5	11.46	36.3	11.55
		37	21.3	5.99	25.4	7.60	29.5	9.40	31.5	10.37	33.5	11.40	34.9	11.86	35.7	11.96
		39	21.3	6.36	25.4	8.07	29.5	10.00	31.5	11.05	33.5	12.14	34.4	12.3	35.1	12.4

6 Capacity tables

6 - 1 Cooling Capacity Tables

RXYCQ14A

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

Combination (%)	Capacity index (kW)	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80	31.36	10	18.9	3.12	22.5	3.74	26.2	4.39	28.0	4.73	29.8	5.08	33.5	5.79	37.1	6.52
		12	18.9	3.17	22.5	3.80	26.2	4.47	28.0	4.82	29.8	5.17	33.5	5.90	37.1	6.65
		14	18.9	3.22	22.5	3.87	26.2	4.55	28.0	4.91	29.8	5.27	33.5	6.01	37.1	6.77
		16	18.9	3.28	22.5	3.94	26.2	4.64	28.0	5.00	29.8	5.37	33.5	6.13	37.1	6.91
		18	18.9	3.34	22.5	4.01	26.2	4.73	28.0	5.10	29.8	5.47	33.5	6.25	37.1	7.04
		20	18.9	3.39	22.5	4.09	26.2	4.82	28.0	5.20	29.8	5.58	33.5	6.48	37.1	7.53
		21	18.9	3.42	22.5	4.12	26.2	4.86	28.0	5.25	29.8	5.70	33.5	6.71	37.1	7.80
		23	18.9	3.49	22.5	4.20	26.2	5.10	28.0	5.59	29.8	6.10	33.5	7.19	37.1	8.37
		25	18.9	3.60	22.5	4.48	26.2	5.45	28.0	5.97	29.8	6.52	33.5	7.69	37.1	8.96
		27	18.9	3.83	22.5	4.77	26.2	5.81	28.0	6.37	29.8	6.96	33.5	8.22	37.1	9.59
		29	18.9	4.07	22.5	5.07	26.2	6.19	28.0	6.80	29.8	7.43	33.5	8.78	37.1	10.24
		31	18.9	4.32	22.5	5.40	26.2	6.60	28.0	7.24	29.8	7.92	33.5	9.37	36.5	10.64
		33	18.9	4.59	22.5	5.74	26.2	7.02	28.0	7.71	29.8	8.44	33.5	9.99	36.0	11.04
		35	18.9	4.86	22.5	6.10	26.2	7.47	28.0	8.21	29.8	8.99	33.5	10.65	35.4	11.45
		37	18.9	5.16	22.5	6.47	26.2	7.94	28.0	8.74	29.8	9.57	33.5	11.35	34.8	11.85
		39	18.9	5.46	22.5	6.87	26.2	8.44	28.0	9.29	29.8	10.19	33.5	12.10	34.3	12.3
70	27.44	10	16.5	2.74	19.7	3.26	22.9	3.80	24.5	4.09	26.1	4.38	29.3	4.97	32.5	5.59
		12	16.5	2.79	19.7	3.31	22.9	3.87	24.5	4.16	26.1	4.45	29.3	5.07	32.5	5.70
		14	16.5	2.83	19.7	3.37	22.9	3.94	24.5	4.23	26.1	4.54	29.3	5.16	32.5	5.81
		16	16.5	2.88	19.7	3.42	22.9	4.01	24.5	4.31	26.1	4.62	29.3	5.26	32.5	5.92
		18	16.5	2.92	19.7	3.48	22.9	4.08	24.5	4.39	26.1	4.71	29.3	5.36	32.5	6.03
		20	16.5	2.97	19.7	3.55	22.9	4.16	24.5	4.48	26.1	4.80	29.3	5.47	32.5	6.20
		21	16.5	3.00	19.7	3.58	22.9	4.20	24.5	4.52	26.1	4.85	29.3	5.55	32.5	6.42
		23	16.5	3.05	19.7	3.65	22.9	4.28	24.5	4.67	26.1	5.08	29.3	5.94	32.5	6.88
		25	16.5	3.10	19.7	3.79	22.9	4.57	24.5	4.99	26.1	5.42	29.3	6.35	32.5	7.36
		27	16.5	3.28	19.7	4.03	22.9	4.87	24.5	5.32	26.1	5.79	29.3	6.78	32.5	7.87
		29	16.5	3.48	19.7	4.29	22.9	5.18	24.5	5.66	26.1	6.17	29.3	7.24	32.5	8.40
		31	16.5	3.69	19.7	4.56	22.9	5.51	24.5	6.03	26.1	6.57	29.3	7.72	32.5	8.96
		33	16.5	3.91	19.7	4.84	22.9	5.86	24.5	6.41	26.1	6.99	29.3	8.22	32.5	9.56
		35	16.5	4.14	19.7	5.13	22.9	6.23	24.5	6.82	26.1	7.44	29.3	8.75	32.5	10.18
		37	16.5	4.39	19.7	5.44	22.9	6.61	24.5	7.25	26.1	7.91	29.3	9.32	32.5	10.85
		39	16.5	4.64	19.7	5.77	22.9	7.02	24.5	7.70	26.1	8.41	29.3	9.92	32.5	11.56
60	23.52	10	14.2	2.39	16.9	2.80	19.6	3.24	21.0	3.47	22.4	3.71	25.1	4.19	27.8	4.70
		12	14.2	2.42	16.9	2.85	19.6	3.30	21.0	3.53	22.4	3.77	25.1	4.27	27.8	4.78
		14	14.2	2.46	16.9	2.89	19.6	3.35	21.0	3.59	22.4	3.84	25.1	4.35	27.8	4.87
		16	14.2	2.49	16.9	2.94	19.6	3.41	21.0	3.65	22.4	3.91	25.1	4.43	27.8	4.96
		18	14.2	2.53	16.9	2.99	19.6	3.47	21.0	3.72	22.4	3.98	25.1	4.51	27.8	5.06
		20	14.2	2.57	16.9	3.04	19.6	3.53	21.0	3.79	22.4	4.05	25.1	4.60	27.8	5.16
		21	14.2	2.59	16.9	3.06	19.6	3.56	21.0	3.82	22.4	4.09	25.1	4.64	27.8	5.21
		23	14.2	2.63	16.9	3.12	19.6	3.63	21.0	3.90	22.4	4.17	25.1	4.82	27.8	5.54
		25	14.2	2.68	16.9	3.17	19.6	3.77	21.0	4.09	22.4	4.43	25.1	5.15	27.8	5.92
		27	14.2	2.78	16.9	3.36	19.6	4.01	21.0	4.36	22.4	4.72	25.1	5.49	27.8	6.32
		29	14.2	2.94	16.9	3.57	19.6	4.27	21.0	4.64	22.4	5.02	25.1	5.85	27.8	6.74
		31	14.2	3.11	16.9	3.79	19.6	4.53	21.0	4.93	22.4	5.34	25.1	6.23	27.8	7.18
		33	14.2	3.29	16.9	4.01	19.6	4.81	21.0	5.24	22.4	5.68	25.1	6.63	27.8	7.65
		35	14.2	3.48	16.9	4.25	19.6	5.10	21.0	5.56	22.4	6.03	25.1	7.05	27.8	8.14
		37	14.2	3.68	16.9	4.50	19.6	5.41	21.0	5.90	22.4	6.41	25.1	7.49	27.8	8.66
		39	14.2	3.89	16.9	4.77	19.6	5.74	21.0	6.26	22.4	6.80	25.1	7.96	27.8	9.21
50	19.60	10	11.8	2.05	14.1	2.37	16.4	2.72	17.5	2.90	18.6	3.08	20.9	3.46	23.2	3.85
		12	11.8	2.08	14.1	2.41	16.4	2.76	17.5	2.94	18.6	3.13	20.9	3.52	23.2	3.92
		14	11.8	2.11	14.1	2.44	16.4	2.80	17.5	2.99	18.6	3.18	20.9	3.58	23.2	3.99
		16	11.8	2.13	14.1	2.48	16.4	2.85	17.5	3.04	18.6	3.23	20.9	3.64	23.2	4.06
		18	11.8	2.16	14.1	2.52	16.4	2.89	17.5	3.09	18.6	3.29	20.9	3.70	23.2	4.14
		20	11.8	2.20	14.1	2.56	16.4	2.94	17.5	3.14	18.6	3.35	20.9	3.77	23.2	4.21
		21	11.8	2.21	14.1	2.58	16.4	2.97	17.5	3.17	18.6	3.38	20.9	3.81	23.2	4.25
		23	11.8	2.24	14.1	2.62	16.4	3.02	17.5	3.23	18.6	3.44	20.9	3.88	23.2	4.35
		25	11.8	2.28	14.1	2.66	16.4	3.07	17.5	3.29	18.6	3.54	20.9	4.07	23.2	4.64
		27	11.8	2.32	14.1	2.76	16.4	3.24	17.5	3.50	18.6	3.77	20.9	4.34	23.2	4.95
		29	11.8	2.45	14.1	2.92	16.4	3.44	17.5	3.72	18.6	4.00	20.9	4.61	23.2	5.27
		31	11.8	2.59	14.1	3.09	16.4	3.65	17.5	3.94	18.6	4.25	20.9	4.90	23.2	5.60
		33	11.8	2.73	14.1	3.27	16.4	3.87	17.5	4.18	18.6	4.51	20.9	5.21	23.2	5.96
		35	11.8	2.88	14.1	3.46	16.4	4.09	17.5	4.43	18.6	4.78	20.9	5.53	23.2	6.33
		37	11.8	3.04	14.1	3.66	16.4	4.33	17.5	4.69	18.6	5.07	20.9	5.87	23.2	6.72
		39	11.8	3.21	14.1	3.86	16.4	4.58	17.5	4.97	18.6	5.37	20.9	6.22	23.2	7.14

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

- The above table shows the average value of conditions which may occur.
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

6 Capacity tables

6 - 1 Cooling Capacity Tables

RXYCQ16A

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		20.0		21.0		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
120	53.76	10	32.4	5.43	38.6	6.63	44.9	7.88	48.0	8.52	50.2	8.88	51.4	8.54	52.6	8.21
		12	32.4	5.53	38.6	6.75	44.9	8.03	48.0	8.68	49.6	8.83	50.7	8.49	51.9	8.15
		14	32.4	5.63	38.6	6.88	44.9	8.19	48.0	8.85	48.9	8.79	50.1	8.44	51.2	8.50
		16	32.4	5.74	38.6	7.02	44.9	8.35	47.7	8.91	48.3	8.80	49.4	8.88	50.6	8.96
		18	32.4	5.85	38.6	7.16	44.9	8.63	47.0	9.21	47.6	9.25	48.8	9.34	49.9	9.42
		20	32.4	5.96	38.6	7.44	44.9	9.28	46.4	9.7	47.0	9.7	48.1	9.8	49.3	9.9
		21	32.4	6.02	38.6	7.70	44.9	9.61	46.1	9.9	46.6	9.9	47.8	10.0	49.0	10.1
		23	32.4	6.43	38.6	8.25	44.8	10.3	45.4	10.3	46.0	10.4	47.2	10.5	48.3	10.6
		25	32.4	6.87	38.6	8.83	44.2	10.7	44.8	10.8	45.3	10.8	46.5	10.9	47.7	11.0
		27	32.4	7.34	38.6	9.44	43.5	11.2	44.1	11.2	44.7	11.3	45.9	11.4	47.0	11.5
		29	32.4	7.82	38.6	10.1	42.9	11.6	43.4	11.7	44.0	11.8	45.2	11.9	46.4	12.0
		31	32.4	8.34	38.6	10.8	42.2	12.1	42.8	12.2	43.4	12.2	44.6	12.3	45.7	12.5
		33	32.4	8.88	38.6	11.5	41.6	12.5	42.1	12.6	42.7	12.7	43.9	12.8	45.1	12.9
		35	32.4	9.46	38.6	12.2	40.9	13.0	41.5	13.1	42.1	13.1	43.2	13.3	44.4	13.4
		37	32.4	10.1	38.6	13.0	40.3	13.5	40.8	13.5	41.4	13.6	42.6	13.8	43.8	13.9
		39	32.4	10.7	38.4	13.8	39.6	13.9	40.2	14.0	40.8	14.1	41.9	14.2	43.1	14.4
110	49.28	10	29.7	4.93	35.4	6.00	41.1	7.13	44.0	7.70	46.9	8.29	50.5	8.80	51.6	8.49
		12	29.7	5.02	35.4	6.11	41.1	7.26	44.0	7.85	46.9	8.44	49.8	8.75	50.9	8.44
		14	29.7	5.11	35.4	6.23	41.1	7.40	44.0	8.00	46.9	8.61	49.2	8.71	50.3	8.44
		16	29.7	5.20	35.4	6.35	41.1	7.54	44.0	8.16	46.9	8.77	48.5	8.82	49.6	8.89
		18	29.7	5.30	35.4	6.47	41.1	7.69	44.0	8.38	46.8	9.20	47.9	9.27	49.0	9.35
		20	29.7	5.41	35.4	6.60	41.1	8.15	44.0	9.01	46.2	9.6	47.2	9.7	48.3	9.8
		21	29.7	5.46	35.4	6.80	41.1	8.44	44.0	9.33	45.8	9.9	46.9	10.0	48.0	10.0
		23	29.7	5.71	35.4	7.28	41.1	9.05	44.0	10.0	45.2	10.3	46.3	10.4	47.3	10.5
		25	29.7	6.10	35.4	7.79	41.1	9.7	44.0	10.7	44.5	10.8	45.6	10.9	46.7	11.0
		27	29.7	6.51	35.4	8.32	41.1	10.4	43.4	11.2	43.9	11.2	45.0	11.3	46.0	11.4
		29	29.7	6.94	35.4	8.88	41.1	11.1	42.7	11.6	43.2	11.7	44.3	11.8	45.4	11.9
		31	29.7	7.39	35.4	9.47	41.1	11.8	42.0	12.1	42.6	12.1	43.7	12.2	44.7	12.4
		33	29.7	7.86	35.4	10.1	40.9	12.5	41.4	12.5	41.9	12.6	43.0	12.7	44.1	12.8
		35	29.7	8.37	35.4	10.8	40.2	12.9	40.7	13.0	41.3	13.1	42.4	13.2	43.4	13.3
		37	29.7	8.89	35.4	11.5	39.6	13.4	40.1	13.4	40.6	13.5	41.7	13.6	42.8	13.8
		39	29.7	9.46	35.4	12.2	38.9	13.8	39.4	13.9	40.0	14.0	41.1	14.1	42.1	14.3
100	44.80	10	27.0	4.45	32.2	5.39	37.4	6.39	40.0	6.90	42.6	7.42	47.8	8.48	50.6	8.78
		12	27.0	4.52	32.2	5.49	37.4	6.51	40.0	7.03	42.6	7.56	47.8	8.64	49.9	8.73
		14	27.0	4.60	32.2	5.59	37.4	6.63	40.0	7.16	42.6	7.71	47.8	8.81	49.3	8.68
		16	27.0	4.69	32.2	5.70	37.4	6.76	40.0	7.30	42.6	7.86	47.6	8.92	48.6	8.83
		18	27.0	4.77	32.2	5.81	37.4	6.89	40.0	7.45	42.6	8.01	47.0	9.21	48.0	9.28
		20	27.0	4.86	32.2	5.92	37.4	7.10	40.0	7.82	42.6	8.58	46.3	9.7	47.3	9.7
		21	27.0	4.91	32.2	5.98	37.4	7.35	40.0	8.10	42.6	8.89	46.0	9.9	47.0	10.0
		23	27.0	5.04	32.2	6.38	37.4	7.87	40.0	8.68	42.6	9.53	45.4	10.3	46.3	10.4
		25	27.0	5.38	32.2	6.81	37.4	8.42	40.0	9.30	42.6	10.2	44.7	10.8	45.7	10.9
		27	27.0	5.73	32.2	7.27	37.4	9.00	40.0	9.9	42.6	10.9	44.1	11.2	45.0	11.3
		29	27.0	6.11	32.2	7.76	37.4	9.61	40.0	10.6	42.4	11.6	43.4	11.7	44.4	11.8
		31	27.0	6.50	32.2	8.27	37.4	10.3	40.0	11.3	41.8	12.0	42.8	12.2	43.7	12.3
		33	27.0	6.91	32.2	8.81	37.4	10.9	40.0	12.1	41.1	12.5	42.1	12.6	43.1	12.7
		35	27.0	7.34	32.2	9.37	37.4	11.7	40.0	12.9	40.5	13.0	41.5	13.1	42.4	13.2
		37	27.0	7.80	32.2	10.0	37.4	12.4	39.3	13.4	39.8	13.4	40.8	13.5	41.8	13.7
		39	27.0	8.28	32.2	10.6	37.4	13.2	38.7	13.8	39.2	13.9	40.2	14.0	41.1	14.1
90	40.32	10	24.3	3.98	29.0	4.80	33.7	5.67	36.0	6.11	38.3	6.57	43.0	7.51	47.7	8.46
		12	24.3	4.05	29.0	4.88	33.7	5.77	36.0	6.23	38.3	6.69	43.0	7.65	47.7	8.62
		14	24.3	4.12	29.0	4.97	33.7	5.88	36.0	6.35	38.3	6.82	43.0	7.79	47.7	8.79
		16	24.3	4.19	29.0	5.06	33.7	5.99	36.0	6.47	38.3	6.95	43.0	7.95	47.6	8.93
		18	24.3	4.26	29.0	5.16	33.7	6.11	36.0	6.60	38.3	7.09	43.0	8.11	47.0	9.21
		20	24.3	4.34	29.0	5.26	33.7	6.23	36.0	6.73	38.3	7.36	43.0	8.71	46.3	9.7
		21	24.3	4.38	29.0	5.31	33.7	6.34	36.0	6.96	38.3	7.62	43.0	9.02	46.0	9.9
		23	24.3	4.47	29.0	5.53	33.7	6.78	36.0	7.46	38.3	8.16	43.0	9.7	45.3	10.3
		25	24.3	4.70	29.0	5.91	33.7	7.25	36.0	7.97	38.3	8.73	43.0	10.4	44.7	10.8
		27	24.3	5.01	29.0	6.30	33.7	7.74	36.0	8.52	38.3	9.34	43.0	11.1	44.0	11.2
		29	24.3	5.33	29.0	6.71	33.7	8.26	36.0	9.10	38.3	10.0	42.5	11.6	43.4	11.7
		31	24.3	5.66	29.0	7.15	33.7	8.81	36.0	9.7	38.3	10.6	41.9	12.1	42.7	12.1
		33	24.3	6.02	29.0	7.60	33.7	9.38	36.0	10.3	38.3	11.4	41.2	12.5	42.1	12.6
		35	24.3	6.39	29.0	8.09	33.7	10.0	36.0	11.0	38.3	12.1	40.6	13.0	41.4	13.1
		37	24.3	6.78	29.0	8.60	33.7	10.6	36.0	11.7	38.3	12.9	39.9	13.4	40.8	13.5
		39	24.3	7.19	29.0	9.14	33.7	11.3	36.0	12.5	38.3	13.7	39.3	13.9	40.1	14.0

6 Capacity tables

6 - 1 Cooling Capacity Tables

RXYCQ16A

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

Combination (%)	Capacity index (kW)	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80	35.84	10	32.4	5.43	38.6	6.63	44.9	7.88	48.0	8.52	50.2	8.88	51.4	8.54	52.6	8.21
		12	32.4	5.53	38.6	6.75	44.9	8.03	48.0	8.68	49.6	8.83	50.7	8.49	51.9	8.15
		14	32.4	5.63	38.6	6.88	44.9	8.19	48.0	8.85	48.9	8.79	50.1	8.44	51.2	8.50
		16	32.4	5.74	38.6	7.02	44.9	8.35	47.7	8.91	48.3	8.80	49.4	8.88	50.6	8.96
		18	32.4	5.85	38.6	7.16	44.9	8.63	47.0	9.21	47.6	9.25	48.8	9.34	49.9	9.42
		20	32.4	5.96	38.6	7.44	44.9	9.28	46.4	9.7	47.0	9.7	48.1	9.8	49.3	9.9
		21	32.4	6.02	38.6	7.70	44.9	9.61	46.1	9.9	46.6	9.9	47.8	10.0	49.0	10.1
		23	32.4	6.43	38.6	8.25	44.8	10.3	45.4	10.3	46.0	10.4	47.2	10.5	48.3	10.6
		25	32.4	6.87	38.6	8.83	44.2	10.7	44.8	10.8	45.3	10.8	46.5	10.9	47.7	11.0
		27	32.4	7.34	38.6	9.44	43.5	11.2	44.1	11.2	44.7	11.3	45.9	11.4	47.0	11.5
		29	32.4	7.82	38.6	10.1	42.9	11.6	43.4	11.7	44.0	11.8	45.2	11.9	46.4	12.0
		31	32.4	8.34	38.6	10.8	42.2	12.1	42.8	12.2	43.4	12.2	44.6	12.3	45.7	12.5
		33	32.4	8.88	38.6	11.5	41.6	12.5	42.1	12.6	42.7	12.7	43.9	12.8	45.1	12.9
		35	32.4	9.46	38.6	12.2	40.9	13.0	41.5	13.1	42.1	13.1	43.2	13.3	44.4	13.4
		37	32.4	10.1	38.6	13.0	40.3	13.5	40.8	13.5	41.4	13.6	42.6	13.8	43.8	13.9
		39	32.4	10.7	38.4	13.8	39.6	13.9	40.2	14.0	40.8	14.1	41.9	14.2	43.1	14.4
70	31.36	10	29.7	4.93	35.4	6.00	41.1	7.13	44.0	7.70	46.9	8.29	50.5	8.80	51.6	8.49
		12	29.7	5.02	35.4	6.11	41.1	7.26	44.0	7.85	46.9	8.44	49.8	8.75	50.9	8.44
		14	29.7	5.11	35.4	6.23	41.1	7.40	44.0	8.00	46.9	8.61	49.2	8.71	50.3	8.44
		16	29.7	5.20	35.4	6.35	41.1	7.54	44.0	8.16	46.9	8.77	48.5	8.82	49.6	8.89
		18	29.7	5.30	35.4	6.47	41.1	7.69	44.0	8.38	46.8	9.20	47.9	9.27	49.0	9.35
		20	29.7	5.41	35.4	6.60	41.1	8.15	44.0	9.01	46.2	9.6	47.2	9.7	48.3	9.8
		21	29.7	5.46	35.4	6.80	41.1	8.44	44.0	9.33	45.8	9.9	46.9	10.0	48.0	10.0
		23	29.7	5.71	35.4	7.28	41.1	9.05	44.0	10.0	45.2	10.3	46.3	10.4	47.3	10.5
		25	29.7	6.10	35.4	7.79	41.1	9.7	44.0	10.7	44.5	10.8	45.6	10.9	46.7	11.0
		27	29.7	6.51	35.4	8.32	41.1	10.4	43.4	11.2	43.9	11.2	45.0	11.3	46.0	11.4
		29	29.7	6.94	35.4	8.88	41.1	11.1	42.7	11.6	43.2	11.7	44.3	11.8	45.4	11.9
		31	29.7	7.39	35.4	9.47	41.1	11.8	42.0	12.1	42.6	12.1	43.7	12.2	44.7	12.4
		33	29.7	7.86	35.4	10.1	40.9	12.5	41.4	12.5	41.9	12.6	43.0	12.7	44.1	12.8
		35	29.7	8.37	35.4	10.8	40.2	12.9	40.7	13.0	41.3	13.1	42.4	13.2	43.4	13.3
		37	29.7	8.89	35.4	11.5	39.6	13.4	40.1	13.4	40.6	13.5	41.7	13.6	42.8	13.8
		39	29.7	9.46	35.4	12.2	38.9	13.8	39.4	13.9	40.0	14.0	41.1	14.1	42.1	14.3
60	26.88	10	27.0	4.45	32.2	5.39	37.4	6.39	40.0	6.90	42.6	7.42	47.8	8.48	50.6	8.78
		12	27.0	4.52	32.2	5.49	37.4	6.51	40.0	7.03	42.6	7.56	47.8	8.64	49.9	8.73
		14	27.0	4.60	32.2	5.59	37.4	6.63	40.0	7.16	42.6	7.71	47.8	8.81	49.3	8.68
		16	27.0	4.69	32.2	5.70	37.4	6.76	40.0	7.30	42.6	7.86	47.6	8.92	48.6	8.83
		18	27.0	4.77	32.2	5.81	37.4	6.89	40.0	7.45	42.6	8.01	47.0	9.21	48.0	9.28
		20	27.0	4.86	32.2	5.92	37.4	7.10	40.0	7.82	42.6	8.58	46.3	9.7	47.3	9.7
		21	27.0	4.91	32.2	5.98	37.4	7.35	40.0	8.10	42.6	8.89	46.0	9.9	47.0	10.0
		23	27.0	5.04	32.2	6.38	37.4	7.87	40.0	8.68	42.6	9.53	45.4	10.3	46.3	10.4
		25	27.0	5.38	32.2	6.81	37.4	8.42	40.0	9.30	42.6	10.2	44.7	10.8	45.7	10.9
		27	27.0	5.73	32.2	7.27	37.4	9.00	40.0	9.9	42.6	10.9	44.1	11.2	45.0	11.3
		29	27.0	6.11	32.2	7.76	37.4	9.61	40.0	10.6	42.4	11.6	43.4	11.7	44.4	11.8
		31	27.0	6.50	32.2	8.27	37.4	10.3	40.0	11.3	41.8	12.0	42.8	12.2	43.7	12.3
		33	27.0	6.91	32.2	8.81	37.4	10.9	40.0	12.1	41.1	12.5	42.1	12.6	43.1	12.7
		35	27.0	7.34	32.2	9.37	37.4	11.7	40.0	12.9	40.5	13.0	41.5	13.1	42.4	13.2
		37	27.0	7.80	32.2	10.0	37.4	12.4	39.3	13.4	39.8	13.4	40.8	13.5	41.8	13.7
		39	27.0	8.28	32.2	10.6	37.4	13.2	38.7	13.8	39.2	13.9	40.2	14.0	41.1	14.1
50	22.40	10	24.3	3.98	29.0	4.80	33.7	5.67	36.0	6.11	38.3	6.57	43.0	7.51	47.7	8.46
		12	24.3	4.05	29.0	4.88	33.7	5.77	36.0	6.23	38.3	6.69	43.0	7.65	47.7	8.62
		14	24.3	4.12	29.0	4.97	33.7	5.88	36.0	6.35	38.3	6.82	43.0	7.79	47.7	8.79
		16	24.3	4.19	29.0	5.06	33.7	5.99	36.0	6.47	38.3	6.95	43.0	7.95	47.6	8.93
		18	24.3	4.26	29.0	5.16	33.7	6.11	36.0	6.60	38.3	7.09	43.0	8.11	47.0	9.21
		20	24.3	4.34	29.0	5.26	33.7	6.23	36.0	6.73	38.3	7.36	43.0	8.71	46.3	9.7
		21	24.3	4.38	29.0	5.31	33.7	6.34	36.0	6.96	38.3	7.62	43.0	9.02	46.0	9.9
		23	24.3	4.47	29.0	5.53	33.7	6.78	36.0	7.46	38.3	8.16	43.0	9.7	45.3	10.3
		25	24.3	4.70	29.0	5.91	33.7	7.25	36.0	7.97	38.3	8.73	43.0	10.4	44.7	10.8
		27	24.3	5.01	29.0	6.30	33.7	7.74	36.0	8.52	38.3	9.34	43.0	11.1	44.0	11.2
		29	24.3	5.33	29.0	6.71	33.7	8.26	36.0	9.10	38.3	10.0	42.5	11.6	43.4	11.7
		31	24.3	5.66	29.0	7.15	33.7	8.81	36.0	9.7	38.3	10.6	41.9	12.1	42.7	12.1
		33	24.3	6.02	29.0	7.60	33.7	9.38	36.0	10.3	38.3	11.4	41.2	12.5	42.1	12.6
		35	24.3	6.39	29.0	8.09	33.7	10.0	36.0	11.0	38.3	12.1	40.6	13.0	41.4	13.1
		37	24.3	6.78	29.0	8.60	33.7	10.6	36.0	11.7	38.3	12.9	39.9	13.4	40.8	13.5
		39	24.3	7.19	29.0	9.14	33.7	11.3	36.0	12.5	38.3	13.7	39.3	13.9	40.1	14.0

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

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

Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.

Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.

La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.

Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.

La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.

De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.

Таблица расположенная выше показывает среднее значение условий, которые могут наступить.

Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

6 Capacity tables

6 - 1 Cooling Capacity Tables

RXYCQ18A

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		20.0		21.0		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
120	60.48	10	36.4	6.31	43.5	7.71	50.5	9.17	54.0	9.9	56.5	10.3	57.8	9.9	59.1	9.5
		12	36.4	6.43	43.5	7.85	50.5	9.34	54.0	10.1	55.8	10.3	57.1	9.9	58.4	9.5
		14	36.4	6.55	43.5	8.00	50.5	9.5	54.0	10.3	55.0	10.2	56.3	9.8	57.7	9.9
		16	36.4	6.67	43.5	8.16	50.5	9.7	53.6	10.4	54.3	10.2	55.6	10.3	56.9	10.4
		18	36.4	6.80	43.5	8.32	50.5	10.0	52.9	10.7	53.6	10.8	54.9	10.9	56.2	11.0
		20	36.4	6.93	43.5	8.65	50.5	10.8	52.2	11.2	52.8	11.3	54.1	11.4	55.5	11.5
		21	36.4	7.00	43.5	8.96	50.5	11.2	51.8	11.5	52.5	11.5	53.8	11.7	55.1	11.8
		23	36.4	7.48	43.5	9.6	50.4	12.0	51.1	12.0	51.7	12.1	53.0	12.2	54.4	12.3
		25	36.4	7.99	43.5	10.3	49.7	12.5	50.3	12.5	51.0	12.6	52.3	12.7	53.6	12.8
		27	36.4	8.53	43.5	11.0	49.0	13.0	49.6	13.1	50.3	13.1	51.6	13.3	52.9	13.4
		29	36.4	9.10	43.5	11.7	48.2	13.5	48.9	13.6	49.5	13.7	50.9	13.8	52.2	13.9
		31	36.4	9.7	43.5	12.5	47.5	14.1	48.1	14.1	48.8	14.2	50.1	14.3	51.4	14.5
		33	36.4	10.3	43.5	13.4	46.8	14.6	47.4	14.7	48.1	14.7	49.4	14.9	50.7	15.0
		35	36.4	11.0	43.5	14.2	46.0	15.1	46.7	15.2	47.3	15.3	48.7	15.4	50.0	15.6
		37	36.4	11.7	43.5	15.2	45.3	15.7	46.0	15.7	46.6	15.8	47.9	16.0	49.2	16.2
		39	36.4	12.4	43.2	16.0	44.6	16.2	45.2	16.3	45.9	16.4	47.2	16.6	48.5	16.7
110	55.44	10	33.4	5.73	39.8	6.98	46.3	8.29	49.5	8.96	52.7	9.6	56.8	10.2	58.0	9.9
		12	33.4	5.83	39.8	7.11	46.3	8.44	49.5	9.13	52.7	9.8	56.1	10.2	57.3	9.8
		14	33.4	5.94	39.8	7.24	46.3	8.61	49.5	9.30	52.7	10.0	55.3	10.1	56.5	9.8
		16	33.4	6.05	39.8	7.38	46.3	8.77	49.5	9.5	52.7	10.2	54.6	10.3	55.8	10.3
		18	33.4	6.17	39.8	7.53	46.3	8.95	49.5	9.7	52.7	10.7	53.9	10.8	55.1	10.9
		20	33.4	6.29	39.8	7.68	46.3	9.5	49.5	10.5	51.9	11.2	53.1	11.3	54.3	11.4
		21	33.4	6.35	39.8	7.91	46.3	9.8	49.5	10.9	51.6	11.5	52.8	11.6	54.0	11.7
		23	33.4	6.64	39.8	8.47	46.3	10.5	49.5	11.6	50.8	12.0	52.0	12.1	53.2	12.2
		25	33.4	7.10	39.8	9.06	46.3	11.3	49.5	12.5	50.1	12.5	51.3	12.6	52.5	12.7
		27	33.4	7.57	39.8	9.7	46.3	12.1	48.8	13.0	49.4	13.0	50.6	13.2	51.8	13.3
		29	33.4	8.07	39.8	10.3	46.3	12.9	48.0	13.5	48.6	13.6	49.8	13.7	51.0	13.8
		31	33.4	8.59	39.8	11.0	46.3	13.8	47.3	14.0	47.9	14.1	49.1	14.2	50.3	14.4
		33	33.4	9.14	39.8	11.7	46.0	14.5	46.6	14.6	47.2	14.6	48.4	14.8	49.6	14.9
		35	33.4	9.7	39.8	12.5	45.2	15.0	45.8	15.1	46.4	15.2	47.6	15.3	48.9	15.5
		37	33.4	10.3	39.8	13.3	44.5	15.6	45.1	15.6	45.7	15.7	46.9	15.9	48.1	16.0
		39	33.4	11.0	39.8	14.2	43.8	16.1	44.4	16.2	45.0	16.3	46.2	16.4	47.4	16.6
100	50.40	10	30.4	5.17	36.2	6.27	42.1	7.43	45.0	8.02	47.9	8.63	53.8	9.9	56.9	10.2
		12	30.4	5.26	36.2	6.38	42.1	7.56	45.0	8.17	47.9	8.79	53.8	10.0	56.2	10.2
		14	30.4	5.35	36.2	6.50	42.1	7.71	45.0	8.33	47.9	8.96	53.8	10.2	55.4	10.1
		16	30.4	5.45	36.2	6.62	42.1	7.86	45.0	8.49	47.9	9.14	53.6	10.4	54.7	10.3
		18	30.4	5.55	36.2	6.75	42.1	8.01	45.0	8.66	47.9	9.32	52.9	10.7	54.0	10.8
		20	30.4	5.66	36.2	6.89	42.1	8.25	45.0	9.10	47.9	10.0	52.1	11.2	53.2	11.3
		21	30.4	5.71	36.2	6.95	42.1	8.55	45.0	9.4	47.9	10.3	51.8	11.5	52.9	11.6
		23	30.4	5.86	36.2	7.41	42.1	9.16	45.0	10.1	47.9	11.1	51.0	12.0	52.1	12.1
		25	30.4	6.26	36.2	7.92	42.1	9.8	45.0	10.8	47.9	11.9	50.3	12.5	51.4	12.6
		27	30.4	6.67	36.2	8.46	42.1	10.5	45.0	11.6	47.9	12.7	49.6	13.1	50.7	13.2
		29	30.4	7.10	36.2	9.02	42.1	11.2	45.0	12.3	47.7	13.5	48.8	13.6	49.9	13.7
		31	30.4	7.55	36.2	9.6	42.1	11.9	45.0	13.2	47.0	14.0	48.1	14.1	49.2	14.2
		33	30.4	8.03	36.2	10.2	42.1	12.7	45.0	14.1	46.3	14.5	47.4	14.7	48.5	14.8
		35	30.4	8.54	36.2	10.9	42.1	13.6	45.0	15.0	45.5	15.1	46.6	15.2	47.7	15.3
		37	30.4	9.07	36.2	11.6	42.1	14.4	44.3	15.5	44.8	15.6	45.9	15.7	47.0	15.9
		39	30.4	9.6	36.2	12.3	42.1	15.4	43.5	16.1	44.1	16.1	45.2	16.3	46.3	16.4
90	45.36	10	27.3	4.63	32.6	5.58	37.9	6.59	40.5	7.11	43.1	7.64	48.4	8.73	53.7	9.8
		12	27.3	4.70	32.6	5.68	37.9	6.71	40.5	7.24	43.1	7.78	48.4	8.89	53.7	10.0
		14	27.3	4.79	32.6	5.78	37.9	6.83	40.5	7.38	43.1	7.93	48.4	9.06	53.7	10.2
		16	27.3	4.87	32.6	5.89	37.9	6.97	40.5	7.52	43.1	8.09	48.4	9.24	53.6	10.4
		18	27.3	4.96	32.6	6.00	37.9	7.10	40.5	7.67	43.1	8.25	48.4	9.4	52.8	10.7
		20	27.3	5.05	32.6	6.12	37.9	7.24	40.5	7.82	43.1	8.55	48.4	10.1	52.1	11.2
		21	27.3	5.10	32.6	6.18	37.9	7.37	40.5	8.10	43.1	8.86	48.4	10.5	51.7	11.5
		23	27.3	5.19	32.6	6.43	37.9	7.89	40.5	8.67	43.1	9.5	48.4	11.3	51.0	12.0
		25	27.3	5.47	32.6	6.87	37.9	8.43	40.5	9.27	43.1	10.2	48.4	12.0	50.3	12.5
		27	27.3	5.82	32.6	7.32	37.9	9.00	40.5	9.9	43.1	10.9	48.4	12.9	49.5	13.1
		29	27.3	6.20	32.6	7.80	37.9	9.6	40.5	10.6	43.1	11.6	47.8	13.5	48.8	13.6
		31	27.3	6.59	32.6	8.31	37.9	10.2	40.5	11.3	43.1	12.4	47.1	14.0	48.1	14.1
		33	27.3	7.00	32.6	8.84	37.9	10.9	40.5	12.0	43.1	13.2	46.4	14.5	47.4	14.7
		35	27.3	7.43	32.6	9.4	37.9	11.6	40.5	12.8	43.1	14.1	45.6	15.1	46.6	15.2
		37	27.3	7.88	32.6	10.0	37.9	12.4	40.5	13.6	43.1	15.0	44.9	15.6	45.9	15.7
		39	27.3	8.37	32.6	10.6	37.9	13.2	40.5	14.5	43.1	16.0	44.2	16.1	45.2	16.3

6 Capacity tables

6 - 1 Cooling Capacity Tables

RXYCQ18A

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

Combination (%)	Capacity index (kW)	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14.0		16.0		18.0		20.0		21.0		22.0		24.0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80	40.32	10	24.3	4.11	29.0	4.92	33.7	5.78	36.0	6.23	38.3	6.68	43.0	7.62	47.7	8.58
		12	24.3	4.17	29.0	5.00	33.7	5.88	36.0	6.34	38.3	6.80	43.0	7.76	47.7	8.74
		14	24.3	4.24	29.0	5.09	33.7	5.99	36.0	6.46	38.3	6.93	43.0	7.91	47.7	8.91
		16	24.3	4.31	29.0	5.18	33.7	6.10	36.0	6.58	38.3	7.06	43.0	8.06	47.7	9.09
		18	24.3	4.39	29.0	5.28	33.7	6.22	36.0	6.71	38.3	7.20	43.0	8.22	47.7	9.27
		20	24.3	4.47	29.0	5.38	33.7	6.34	36.0	6.84	38.3	7.35	43.0	8.52	47.7	9.9
		21	24.3	4.51	29.0	5.43	33.7	6.40	36.0	6.91	38.3	7.50	43.0	8.83	47.7	10.3
		23	24.3	4.59	29.0	5.53	33.7	6.71	36.0	7.35	38.3	8.02	43.0	9.5	47.7	11.0
		25	24.3	4.74	29.0	5.89	33.7	7.17	36.0	7.86	38.3	8.58	43.0	10.1	47.7	11.8
		27	24.3	5.04	29.0	6.27	33.7	7.65	36.0	8.39	38.3	9.16	43.0	10.8	47.7	12.6
		29	24.3	5.36	29.0	6.68	33.7	8.15	36.0	8.94	38.3	9.8	43.0	11.6	47.7	13.5
		31	24.3	5.69	29.0	7.10	33.7	8.68	36.0	9.5	38.3	10.4	43.0	12.3	47.0	14.0
		33	24.3	6.04	29.0	7.55	33.7	9.24	36.0	10.2	38.3	11.1	43.0	13.1	46.2	14.5
		35	24.3	6.40	29.0	8.02	33.7	9.8	36.0	10.8	38.3	11.8	43.0	14.0	45.5	15.1
		37	24.3	6.78	29.0	8.52	33.7	10.5	36.0	11.5	38.3	12.6	43.0	14.9	44.8	15.6
		39	24.3	7.19	29.0	9.04	33.7	11.1	36.0	12.2	38.3	13.4	43.0	15.9	44.0	16.1
70	35.28	10	21.3	3.61	25.4	4.29	29.5	5.00	31.5	5.38	33.5	5.76	37.6	6.54	41.7	7.36
		12	21.3	3.67	25.4	4.36	29.5	5.09	31.5	5.47	33.5	5.86	37.6	6.66	41.7	7.50
		14	21.3	3.72	25.4	4.43	29.5	5.18	31.5	5.57	33.5	5.97	37.6	6.79	41.7	7.64
		16	21.3	3.78	25.4	4.51	29.5	5.27	31.5	5.67	33.5	6.08	37.6	6.92	41.7	7.79
		18	21.3	3.85	25.4	4.58	29.5	5.37	31.5	5.78	33.5	6.19	37.6	7.05	41.7	7.94
		20	21.3	3.91	25.4	4.67	29.5	5.47	31.5	5.89	33.5	6.32	37.6	7.19	41.7	8.16
		21	21.3	3.94	25.4	4.71	29.5	5.52	31.5	5.95	33.5	6.38	37.6	7.31	41.7	8.45
		23	21.3	4.01	25.4	4.80	29.5	5.64	31.5	6.15	33.5	6.68	37.6	7.82	41.7	9.05
		25	21.3	4.08	25.4	4.99	29.5	6.01	31.5	6.56	33.5	7.14	37.6	8.36	41.7	9.7
		27	21.3	4.32	25.4	5.31	29.5	6.41	31.5	7.00	33.5	7.61	37.6	8.93	41.7	10.3
		29	21.3	4.58	25.4	5.64	29.5	6.82	31.5	7.45	33.5	8.11	37.6	9.5	41.7	11.1
		31	21.3	4.86	25.4	5.99	29.5	7.25	31.5	7.93	33.5	8.64	37.6	10.2	41.7	11.8
		33	21.3	5.15	25.4	6.36	29.5	7.71	31.5	8.44	33.5	9.20	37.6	10.8	41.7	12.6
		35	21.3	5.45	25.4	6.75	29.5	8.19	31.5	8.97	33.5	9.8	37.6	11.5	41.7	13.4
		37	21.3	5.77	25.4	7.16	29.5	8.70	31.5	9.5	33.5	10.4	37.6	12.3	41.7	14.3
		39	21.3	6.11	25.4	7.59	29.5	9.24	31.5	10.1	33.5	11.1	37.6	13.0	41.7	15.2
60	30.24	10	18.2	3.14	21.7	3.69	25.2	4.27	27.0	4.57	28.8	4.88	32.3	5.52	35.8	6.18
		12	18.2	3.19	21.7	3.74	25.2	4.34	27.0	4.65	28.8	4.96	32.3	5.62	35.8	6.29
		14	18.2	3.23	21.7	3.80	25.2	4.41	27.0	4.73	28.8	5.05	32.3	5.72	35.8	6.41
		16	18.2	3.28	21.7	3.86	25.2	4.49	27.0	4.81	28.8	5.14	32.3	5.82	35.8	6.53
		18	18.2	3.33	21.7	3.93	25.2	4.56	27.0	4.89	28.8	5.23	32.3	5.93	35.8	6.66
		20	18.2	3.38	21.7	4.00	25.2	4.65	27.0	4.98	28.8	5.33	32.3	6.05	35.8	6.79
		21	18.2	3.41	21.7	4.03	25.2	4.69	27.0	5.03	28.8	5.38	32.3	6.11	35.8	6.86
		23	18.2	3.47	21.7	4.10	25.2	4.78	27.0	5.13	28.8	5.49	32.3	6.34	35.8	7.29
		25	18.2	3.52	21.7	4.17	25.2	4.96	27.0	5.39	28.8	5.83	32.3	6.77	35.8	7.79
		27	18.2	3.65	21.7	4.43	25.2	5.28	27.0	5.74	28.8	6.21	32.3	7.22	35.8	8.31
		29	18.2	3.87	21.7	4.70	25.2	5.61	27.0	6.10	28.8	6.61	32.3	7.70	35.8	8.87
		31	18.2	4.10	21.7	4.98	25.2	5.96	27.0	6.48	28.8	7.03	32.3	8.19	35.8	9.4
		33	18.2	4.33	21.7	5.28	25.2	6.33	27.0	6.89	28.8	7.47	32.3	8.72	35.8	10.1
		35	18.2	4.58	21.7	5.59	25.2	6.71	27.0	7.31	28.8	7.94	32.3	9.27	35.8	10.7
		37	18.2	4.84	21.7	5.92	25.2	7.12	27.0	7.76	28.8	8.43	32.3	9.9	35.8	11.4
		39	18.2	5.12	21.7	6.27	25.2	7.55	27.0	8.23	28.8	8.95	32.3	10.5	35.8	12.1
50	25.20	10	15.2	2.70	18.1	3.12	21.0	3.58	22.5	3.81	24.0	4.05	26.9	4.55	29.8	5.07
		12	15.2	2.73	18.1	3.17	21.0	3.63	22.5	3.87	24.0	4.12	26.9	4.63	29.8	5.16
		14	15.2	2.77	18.1	3.22	21.0	3.69	22.5	3.93	24.0	4.18	26.9	4.71	29.8	5.25
		16	15.2	2.81	18.1	3.26	21.0	3.75	22.5	4.00	24.0	4.25	26.9	4.79	29.8	5.34
		18	15.2	2.85	18.1	3.31	21.0	3.81	22.5	4.06	24.0	4.33	26.9	4.87	29.8	5.44
		20	15.2	2.89	18.1	3.36	21.0	3.87	22.5	4.13	24.0	4.40	26.9	4.96	29.8	5.54
		21	15.2	2.91	18.1	3.39	21.0	3.90	22.5	4.17	24.0	4.44	26.9	5.01	29.8	5.60
		23	15.2	2.95	18.1	3.45	21.0	3.97	22.5	4.24	24.0	4.52	26.9	5.10	29.8	5.73
		25	15.2	3.00	18.1	3.50	21.0	4.04	22.5	4.33	24.0	4.66	26.9	5.36	29.8	6.11
		27	15.2	3.05	18.1	3.63	21.0	4.27	22.5	4.61	24.0	4.96	26.9	5.71	29.8	6.51
		29	15.2	3.22	18.1	3.84	21.0	4.53	22.5	4.89	24.0	5.27	26.9	6.07	29.8	6.93
		31	15.2	3.41	18.1	4.07	21.0	4.80	22.5	5.19	24.0	5.59	26.9	6.45	29.8	7.37
		33	15.2	3.60	18.1	4.31	21.0	5.09	22.5	5.50	24.0	5.93	26.9	6.85	29.8	7.84
		35	15.2	3.79	18.1	4.55	21.0	5.39	22.5	5.83	24.0	6.29	26.9	7.27	29.8	8.33
		37	15.2	4.00	18.1	4.81	21.0	5.70	22.5	6.18	24.0	6.67	26.9	7.72	29.8	8.85
		39	15.2	4.22	18.1	5.08	21.0	6.03	22.5	6.54	24.0	7.07	26.9	8.19	29.8	9.4

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

- The above table shows the average value of conditions which may occur.
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

6 Capacity tables

6 - 1 Cooling Capacity Tables

RXYCQ20A

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		20.0		21.0		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
120	67.20	10	40.5	7.49	48.3	9.15	56.1	10.88	60.0	11.8	62.8	12.2	64.2	11.8	65.7	11.32
		12	40.5	7.63	48.3	9.32	56.1	11.08	60.0	12.0	62.0	12.2	63.4	11.7	64.9	11.24
		14	40.5	7.77	48.3	9.50	56.1	11.30	60.0	12.2	61.1	12.1	62.6	11.6	64.1	11.7
		16	40.5	7.91	48.3	9.68	56.1	11.52	59.6	12.3	60.3	12.1	61.8	12.3	63.2	12.4
		18	40.5	8.07	48.3	9.87	56.1	11.9	58.8	12.7	59.5	12.8	61.0	12.9	62.4	13.0
		20	40.5	8.23	48.3	10.26	56.1	12.8	58.0	13.3	58.7	13.4	60.2	13.5	61.6	13.6
		21	40.5	8.31	48.3	10.63	56.1	13.3	57.6	13.6	58.3	13.7	59.8	13.8	61.2	14.0
		23	40.5	8.87	48.3	11.39	56.0	14.2	56.8	14.3	57.5	14.3	58.9	14.5	60.4	14.6
		25	40.5	9.48	48.3	12.2	55.2	14.8	55.9	14.9	56.7	15.0	58.1	15.1	59.6	15.2
		27	40.5	10.12	48.3	13.0	54.4	15.4	55.1	15.5	55.9	15.6	57.3	15.7	58.8	15.9
		29	40.5	10.80	48.3	13.9	53.6	16.1	54.3	16.1	55.0	16.2	56.5	16.4	58.0	16.5
		31	40.5	11.51	48.3	14.9	52.8	16.7	53.5	16.8	54.2	16.9	55.7	17.0	57.1	17.2
		33	40.5	12.3	48.3	15.8	52.0	17.3	52.7	17.4	53.4	17.5	54.9	17.7	56.3	17.9
		35	40.5	13.0	48.3	16.9	51.1	17.9	51.9	18.0	52.6	18.1	54.1	18.3	55.5	18.5
		37	40.5	13.9	48.3	18.0	50.3	18.6	51.1	18.7	51.8	18.8	53.2	19.0	54.7	19.2
		39	40.5	14.8	48.1	19.0	49.5	19.2	50.2	19.3	51.0	19.4	52.4	19.6	53.9	19.9
110	61.60	10	37.1	6.80	44.3	8.28	51.4	9.83	55.0	10.63	58.6	11.44	63.1	12.1	64.4	11.7
		12	37.1	6.92	44.3	8.43	51.4	10.02	55.0	10.83	58.6	11.7	62.3	12.1	63.6	11.6
		14	37.1	7.05	44.3	8.59	51.4	10.21	55.0	11.04	58.6	11.9	61.5	12.0	62.8	11.6
		16	37.1	7.18	44.3	8.76	51.4	10.41	55.0	11.25	58.6	12.1	60.7	12.2	62.0	12.3
		18	37.1	7.32	44.3	8.93	51.4	10.62	55.0	11.56	58.5	12.7	59.9	12.8	61.2	12.9
		20	37.1	7.46	44.3	9.11	51.4	11.25	55.0	12.4	57.7	13.3	59.0	13.4	60.4	13.5
		21	37.1	7.53	44.3	9.39	51.4	11.7	55.0	12.9	57.3	13.6	58.6	13.7	60.0	13.8
		23	37.1	7.88	44.3	10.05	51.4	12.5	55.0	13.8	56.5	14.2	57.8	14.4	59.2	14.5
		25	37.1	8.42	44.3	10.75	51.4	13.4	55.0	14.8	55.7	14.9	57.0	15.0	58.3	15.1
		27	37.1	8.98	44.3	11.48	51.4	14.3	54.2	15.4	54.9	15.5	56.2	15.6	57.5	15.8
		29	37.1	9.57	44.3	12.3	51.4	15.3	53.4	16.0	54.0	16.1	55.4	16.3	56.7	16.4
		31	37.1	10.19	44.3	13.1	51.4	16.3	52.6	16.7	53.2	16.7	54.6	16.9	55.9	17.1
		33	37.1	10.85	44.3	13.9	51.1	17.2	51.7	17.3	52.4	17.4	53.8	17.5	55.1	17.7
		35	37.1	11.54	44.3	14.8	50.3	17.8	50.9	17.9	51.6	18.0	52.9	18.2	54.3	18.4
		37	37.1	12.3	44.3	15.8	49.5	18.5	50.1	18.6	50.8	18.6	52.1	18.8	53.5	19.0
		39	37.1	13.0	44.3	16.8	48.6	19.1	49.3	19.2	50.0	19.3	51.3	19.5	52.7	19.7
100	56.00	10	33.7	6.13	40.2	7.44	46.7	8.81	50.0	9.52	53.3	10.24	59.8	11.7	63.2	12.1
		12	33.7	6.24	40.2	7.57	46.7	8.98	50.0	9.70	53.3	10.43	59.8	11.9	62.4	12.0
		14	33.7	6.35	40.2	7.71	46.7	9.15	50.0	9.89	53.3	10.63	59.8	12.2	61.6	12.0
		16	33.7	6.47	40.2	7.86	46.7	9.32	50.0	10.08	53.3	10.84	59.6	12.3	60.8	12.2
		18	33.7	6.59	40.2	8.01	46.7	9.51	50.0	10.28	53.3	11.06	58.7	12.7	60.0	12.8
		20	33.7	6.71	40.2	8.17	46.7	9.80	50.0	10.79	53.3	11.8	57.9	13.3	59.1	13.4
		21	33.7	6.78	40.2	8.25	46.7	10.14	50.0	11.18	53.3	12.3	57.5	13.6	58.7	13.7
		23	33.7	6.96	40.2	8.80	46.7	10.87	50.0	12.0	53.3	13.2	56.7	14.3	57.9	14.4
		25	33.7	7.42	40.2	9.40	46.7	11.62	50.0	12.8	53.3	14.1	55.9	14.9	57.1	15.0
		27	33.7	7.91	40.2	10.04	46.7	12.4	50.0	13.7	53.3	15.1	55.1	15.5	56.3	15.6
		29	33.7	8.42	40.2	10.70	46.7	13.3	50.0	14.7	53.0	16.0	54.3	16.1	55.5	16.3
		31	33.7	8.96	40.2	11.41	46.7	14.2	50.0	15.6	52.2	16.6	53.5	16.8	54.7	16.9
		33	33.7	9.53	40.2	12.2	46.7	15.1	50.0	16.7	51.4	17.3	52.6	17.4	53.9	17.5
		35	33.7	10.13	40.2	12.9	46.7	16.1	50.0	17.8	50.6	17.9	51.8	18.0	53.0	18.2
		37	33.7	10.76	40.2	13.8	46.7	17.1	49.2	18.4	49.8	18.5	51.0	18.7	52.2	18.8
		39	33.7	11.43	40.2	14.6	46.7	18.3	48.4	19.1	49.0	19.1	50.2	19.3	51.4	19.5
90	50.40	10	30.4	5.49	36.2	6.62	42.1	7.82	45.0	8.44	47.9	9.07	53.8	10.36	59.6	11.7
		12	30.4	5.58	36.2	6.74	42.1	7.96	45.0	8.59	47.9	9.24	53.8	10.55	59.6	11.9
		14	30.4	5.68	36.2	6.86	42.1	8.11	45.0	8.76	47.9	9.41	53.8	10.76	59.6	12.1
		16	30.4	5.78	36.2	6.99	42.1	8.27	45.0	8.93	47.9	9.60	53.8	10.97	59.5	12.3
		18	30.4	5.88	36.2	7.12	42.1	8.43	45.0	9.10	47.9	9.79	53.8	11.18	58.7	12.7
		20	30.4	5.99	36.2	7.26	42.1	8.59	45.0	9.28	47.9	10.15	53.8	12.0	57.9	13.3
		21	30.4	6.05	36.2	7.33	42.1	8.74	45.0	9.61	47.9	10.51	53.8	12.5	57.5	13.6
		23	30.4	6.16	36.2	7.63	42.1	9.36	45.0	10.29	47.9	11.26	53.8	13.4	56.7	14.3
		25	30.4	6.49	36.2	8.15	42.1	10.00	45.0	11.00	47.9	12.1	53.8	14.3	55.9	14.9
		27	30.4	6.91	36.2	8.69	42.1	10.68	45.0	11.8	47.9	12.9	53.8	15.3	55.1	15.5
		29	30.4	7.35	36.2	9.26	42.1	11.40	45.0	12.6	47.9	13.8	53.1	16.0	54.2	16.1
		31	30.4	7.82	36.2	9.86	42.1	12.2	45.0	13.4	47.9	14.7	52.3	16.6	53.4	16.8
		33	30.4	8.30	36.2	10.49	42.1	12.9	45.0	14.3	47.9	15.7	51.5	17.3	52.6	17.4
		35	30.4	8.82	36.2	11.16	42.1	13.8	45.0	15.2	47.9	16.7	50.7	17.9	51.8	18.0
		37	30.4	9.36	36.2	11.9	42.1	14.7	45.0	16.2	47.9	17.8	49.9	18.5	51.0	18.7
		39	30.4	9.93	36.2	12.6	42.1	15.6	45.0	17.2	47.9	19.0	49.1	19.2	50.2	19.3

6 Capacity tables

6 - 1 Cooling Capacity Tables

RXYCQ20A

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

Combination (%)	Capacity index (kW)	Outdoor air temp. °CDB	Indoor air temperature: °CWB															
			14.0		16.0		18.0		20.0		21.0		22.0		24.0			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80	44.80	10	27.0	4.87	32.2	5.84	37.4	6.86	40.0	7.39	42.6	7.93	47.8	9.04	53.0	10.18		
		12	27.0	4.95	32.2	5.94	37.4	6.98	40.0	7.52	42.6	8.07	47.8	9.21	53.0	10.38		
		14	27.0	5.03	32.2	6.04	37.4	7.11	40.0	7.66	42.6	8.23	47.8	9.39	53.0	10.58		
		16	27.0	5.12	32.2	6.15	37.4	7.24	40.0	7.81	42.6	8.38	47.8	9.57	53.0	10.78		
		18	27.0	5.21	32.2	6.26	37.4	7.38	40.0	7.96	42.6	8.55	47.8	9.76	53.0	11.00		
		20	27.0	5.30	32.2	6.38	37.4	7.52	40.0	8.11	42.6	8.72	47.8	10.11	53.0	11.8		
		21	27.0	5.35	32.2	6.44	37.4	7.60	40.0	8.19	42.6	8.90	47.8	10.47	53.0	12.2		
		23	27.0	5.45	32.2	6.56	37.4	7.96	40.0	8.72	42.6	9.52	47.8	11.22	53.0	13.1		
		25	27.0	5.62	32.2	6.99	37.4	8.51	40.0	9.32	42.6	10.18	47.8	12.0	53.0	14.0		
		27	27.0	5.98	32.2	7.44	37.4	9.07	40.0	9.95	42.6	10.87	47.8	12.8	53.0	15.0		
		29	27.0	6.36	32.2	7.92	37.4	9.67	40.0	10.61	42.6	11.60	47.8	13.7	53.0	16.0		
		31	27.0	6.75	32.2	8.43	37.4	10.30	40.0	11.31	42.6	12.4	47.8	14.6	52.2	16.6		
		33	27.0	7.16	32.2	8.96	37.4	10.96	40.0	12.0	42.6	13.2	47.8	15.6	51.4	17.2		
		35	27.0	7.60	32.2	9.52	37.4	11.7	40.0	12.8	42.6	14.0	47.8	16.6	50.6	17.9		
		37	27.0	8.05	32.2	10.11	37.4	12.4	40.0	13.6	42.6	14.9	47.8	17.7	49.7	18.5		
		39	27.0	8.53	32.2	10.73	37.4	13.2	40.0	14.5	42.6	15.9	47.8	18.9	48.9	19.1		
70	39.20	10	23.6	4.29	28.2	5.09	32.7	5.94	35.0	6.38	37.3	6.83	41.8	7.77	46.4	8.73		
		12	23.6	4.35	28.2	5.17	32.7	6.04	35.0	6.49	37.3	6.95	41.8	7.91	46.4	8.90		
		14	23.6	4.42	28.2	5.26	32.7	6.15	35.0	6.61	37.3	7.08	41.8	8.06	46.4	9.06		
		16	23.6	4.49	28.2	5.35	32.7	6.26	35.0	6.73	37.3	7.21	41.8	8.21	46.4	9.24		
		18	23.6	4.56	28.2	5.44	32.7	6.37	35.0	6.86	37.3	7.35	41.8	8.37	46.4	9.42		
		20	23.6	4.64	28.2	5.54	32.7	6.49	35.0	6.99	37.3	7.49	41.8	8.54	46.4	9.69		
		21	23.6	4.68	28.2	5.59	32.7	6.55	35.0	7.06	37.3	7.57	41.8	8.67	46.4	10.03		
		23	23.6	4.76	28.2	5.69	32.7	6.69	35.0	7.30	37.3	7.93	41.8	9.28	46.4	10.74		
		25	23.6	4.85	28.2	5.92	32.7	7.13	35.0	7.79	37.3	8.47	41.8	9.92	46.4	11.49		
		27	23.6	5.12	28.2	6.30	32.7	7.60	35.0	8.30	37.3	9.03	41.8	10.59	46.4	12.3		
		29	23.6	5.44	28.2	6.70	32.7	8.09	35.0	8.84	37.3	9.63	41.8	11.30	46.4	13.1		
		31	23.6	5.76	28.2	7.11	32.7	8.61	35.0	9.41	37.3	10.25	41.8	12.0	46.4	14.0		
		33	23.6	6.11	28.2	7.55	32.7	9.15	35.0	10.01	37.3	10.91	41.8	12.8	46.4	14.9		
		35	23.6	6.47	28.2	8.01	32.7	9.72	35.0	10.65	37.3	11.61	41.8	13.7	46.4	15.9		
		37	23.6	6.85	28.2	8.50	32.7	10.33	35.0	11.31	37.3	12.3	41.8	14.6	46.4	16.9		
		39	23.6	7.25	28.2	9.01	32.7	10.97	35.0	12.0	37.3	13.1	41.8	15.5	46.4	18.0		
60	33.60	10	20.2	3.73	24.1	4.38	28.0	5.06	30.0	5.42	32.0	5.79	35.9	6.55	39.8	7.34		
		12	20.2	3.78	24.1	4.44	28.0	5.15	30.0	5.51	32.0	5.89	35.9	6.66	39.8	7.47		
		14	20.2	3.84	24.1	4.51	28.0	5.23	30.0	5.61	32.0	5.99	35.9	6.78	39.8	7.61		
		16	20.2	3.89	24.1	4.59	28.0	5.32	30.0	5.71	32.0	6.10	35.9	6.91	39.8	7.75		
		18	20.2	3.95	24.1	4.66	28.0	5.42	30.0	5.81	32.0	6.21	35.9	7.04	39.8	7.90		
		20	20.2	4.01	24.1	4.74	28.0	5.51	30.0	5.91	32.0	6.33	35.9	7.18	39.8	8.06		
		21	20.2	4.05	24.1	4.78	28.0	5.56	30.0	5.97	32.0	6.39	35.9	7.25	39.8	8.14		
		23	20.2	4.11	24.1	4.87	28.0	5.67	30.0	6.08	32.0	6.51	35.9	7.53	39.8	8.65		
		25	20.2	4.18	24.1	4.95	28.0	5.89	30.0	6.39	32.0	6.92	35.9	8.04	39.8	9.24		
		27	20.2	4.33	24.1	5.25	28.0	6.26	30.0	6.81	32.0	7.37	35.9	8.57	39.8	9.87		
		29	20.2	4.59	24.1	5.58	28.0	6.66	30.0	7.24	32.0	7.85	35.9	9.13	39.8	10.52		
		31	20.2	4.86	24.1	5.91	28.0	7.07	30.0	7.70	32.0	8.34	35.9	9.72	39.8	11.21		
		33	20.2	5.14	24.1	6.27	28.0	7.51	30.0	8.17	32.0	8.87	35.9	10.35	39.8	11.9		
		35	20.2	5.44	24.1	6.64	28.0	7.97	30.0	8.68	32.0	9.42	35.9	11.00	39.8	12.7		
		37	20.2	5.75	24.1	7.03	28.0	8.45	30.0	9.21	32.0	10.00	35.9	11.7	39.8	13.5		
		39	20.2	6.07	24.1	7.44	28.0	8.96	30.0	9.77	32.0	10.62	35.9	12.4	39.8	14.4		
50	28.00	10	16.9	3.20	20.1	3.71	23.4	4.24	25.0	4.52	26.6	4.81	29.9	5.40	33.1	6.01		
		12	16.9	3.25	20.1	3.76	23.4	4.31	25.0	4.59	26.6	4.88	29.9	5.49	33.1	6.12		
		14	16.9	3.29	20.1	3.82	23.4	4.37	25.0	4.67	26.6	4.97	29.9	5.58	33.1	6.23		
		16	16.9	3.33	20.1	3.87	23.4	4.44	25.0	4.74	26.6	5.05	29.9	5.68	33.1	6.34		
		18	16.9	3.38	20.1	3.93	23.4	4.52	25.0	4.82	26.6	5.14	29.9	5.78	33.1	6.46		
		20	16.9	3.43	20.1	3.99	23.4	4.59	25.0	4.91	26.6	5.23	29.9	5.89	33.1	6.58		
		21	16.9	3.45	20.1	4.02	23.4	4.63	25.0	4.95	26.6	5.27	29.9	5.94	33.1	6.64		
		23	16.9	3.50	20.1	4.09	23.4	4.71	25.0	5.04	26.6	5.37	29.9	6.06	33.1	6.79		
		25	16.9	3.56	20.1	4.16	23.4	4.80	25.0	5.14	26.6	5.53	29.9	6.36	33.1	7.25		
		27	16.9	3.62	20.1	4.31	23.4	5.06	25.0	5.47	26.6	5.88	29.9	6.77	33.1	7.72		
		29	16.9	3.82	20.1	4.56	23.4	5.37	25.0	5.80	26.6	6.25	29.9	7.20	33.1	8.22		
		31	16.9	4.04	20.1	4.83	23.4	5.70	25.0	6.16	26.6	6.64	29.9	7.66	33.1	8.75		
		33	16.9	4.27	20.1	5.11	23.4	6.04	25.0	6.53	26.6	7.04	29.9	8.13	33.1	9.30		
		35	16.9	4.50	20.1	5.40	23.4	6.39	25.0	6.92	26.6	7.47	29.9	8.63	33.1	9.88		
		37	16.9	4.75	20.1	5.71	23.4	6.76	25.0	7.33	26.6	7.91	29.9	9.16	33.1	10.50		
		39	16.9	5.01	20.1	6.03	23.4	7.16	25.0	7.76	26.6	8.39	29.9	9.72	33.1	11.15		

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

- The above table shows the average value of conditions which may occur.
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

6 Capacity tables

6 - 2 Heating Capacity Tables

RXYCQ8A

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

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120%	26.88	-19.8	-20.0	12.8	3.05	12.7	3.31	12.7	3.57	12.7	3.70	12.7	3.83	12.6	4.08
		-18.8	-19.0	13.2	3.19	13.1	3.44	13.1	3.69	13.1	3.82	13.0	3.94	13.0	4.19
		-16.7	-17.0	13.9	3.45	13.9	3.68	13.8	3.92	13.8	4.04	13.8	4.16	13.7	4.39
		-13.7	-15.0	14.7	3.68	14.6	3.90	14.6	4.12	14.6	4.23	14.5	4.35	14.5	4.57
		-11.8	-13.0	15.4	3.88	15.4	4.09	15.3	4.31	15.3	4.41	15.3	4.52	15.3	4.73
		-9.8	-11.0	16.2	4.07	16.1	4.27	16.1	4.47	16.1	4.57	16.1	4.67	16.0	4.87
		-9.5	-10.0	16.6	4.15	16.5	4.35	16.5	4.55	16.5	4.65	16.4	4.74	16.4	4.94
		-8.5	-9.1	16.9	4.23	16.9	4.42	16.8	4.61	16.8	4.71	16.8	4.81	16.7	5.00
		-7.0	-7.6	17.5	4.35	17.4	4.53	17.4	4.72	17.4	4.81	17.3	4.90	17.3	5.09
		-5.0	-5.6	18.2	4.49	18.2	4.67	18.1	4.85	18.1	4.94	18.1	5.03	18.0	5.20
		-3.0	-3.7	19.0	4.62	18.9	4.79	18.9	4.96	18.8	5.05	18.8	5.13	18.8	5.30
		0.0	-0.7	20.1	4.80	20.0	4.96	20.0	5.12	20.0	5.20	19.9	5.28	19.9	5.45
		3.0	2.2	21.2	4.96	21.1	5.11	21.1	5.26	21.1	5.34	21.0	5.42	21.0	5.57
		5.0	4.1	21.9	5.05	21.9	5.20	21.8	5.35	21.8	5.42	21.8	5.50	21.7	5.64
		7.0	6.0	22.6	5.14	22.6	5.29	22.5	5.43	22.5	5.50	22.5	5.57	22.4	5.71
		9.0	7.9	23.3	5.23	23.3	5.37	23.2	5.50	23.2	5.57	23.2	5.64	23.1	5.78
		11.0	9.8	24.1	5.31	24.0	5.44	24.0	5.57	23.9	5.64	23.9	5.71	23.4	5.68
		13.0	11.8	24.8	5.39	24.8	5.52	24.7	5.65	24.7	5.71	24.7	5.78	23.4	5.47
		15.0	13.7	25.5	5.46	25.5	5.58	25.4	5.71	25.4	5.77	25.2	5.75	23.4	5.29
110%	24.64	-19.8	-20.0	12.7	3.43	12.7	3.67	12.6	3.90	12.6	4.02	12.6	4.14	12.6	4.37
		-18.8	-19.0	13.1	3.56	13.1	3.79	13.0	4.02	13.0	4.13	13.0	4.25	12.9	4.47
		-16.7	-17.0	13.9	3.79	13.8	4.01	13.8	4.22	13.8	4.33	13.7	4.44	13.7	4.66
		-13.7	-15.0	14.6	4.00	14.6	4.21	14.5	4.41	14.5	4.51	14.5	4.62	14.4	4.82
		-11.8	-13.0	15.4	4.19	15.3	4.39	15.3	4.58	15.3	4.68	15.2	4.77	15.2	4.97
		-9.8	-11.0	16.1	4.36	16.1	4.55	16.0	4.73	16.0	4.82	16.0	4.92	16.0	5.10
		-9.5	-10.0	16.5	4.44	16.5	4.62	16.4	4.80	16.4	4.89	16.4	4.98	16.3	5.16
		-8.5	-9.1	16.8	4.51	16.8	4.69	16.8	4.86	16.7	4.95	16.7	5.04	16.7	5.22
		-7.0	-7.6	17.4	4.62	17.4	4.79	17.3	4.96	17.3	5.04	17.3	5.13	17.2	5.30
		-5.0	-5.6	18.2	4.75	18.1	4.92	18.1	5.08	18.1	5.16	18.0	5.24	18.0	5.40
		-3.0	-3.7	18.9	4.87	18.8	5.03	18.8	5.18	18.8	5.26	18.8	5.34	18.7	5.50
		0.0	-0.7	20.0	5.04	20.0	5.18	19.9	5.33	19.9	5.41	19.9	5.48	19.8	5.63
		3.0	2.2	21.1	5.18	21.1	5.32	21.0	5.46	21.0	5.53	21.0	5.60	20.9	5.74
		5.0	4.1	21.8	5.27	21.8	5.41	21.7	5.54	21.7	5.61	21.7	5.68	21.5	5.74
		7.0	6.0	22.5	5.35	22.5	5.48	22.5	5.61	22.4	5.68	22.4	5.75	21.5	5.52
		9.0	7.9	23.3	5.43	23.2	5.56	23.2	5.68	23.2	5.75	23.1	5.78	21.5	5.31
		11.0	9.8	24.0	5.50	23.9	5.63	23.9	5.75	23.8	5.80	23.1	5.57	21.5	5.13
		13.0	11.8	24.7	5.58	24.7	5.69	24.6	5.81	23.8	5.59	23.1	5.37	21.5	4.94
		15.0	13.7	25.5	5.64	25.4	5.76	24.6	5.61	23.8	5.40	23.1	5.19	21.5	4.78
100%	22.40	-19.8	-20.0	12.7	3.81	12.6	4.02	12.6	4.24	12.6	4.34	12.5	4.45	12.5	4.67
		-18.8	-19.0	13.0	3.92	13.0	4.13	13.0	4.34	12.9	4.44	12.9	4.55	12.9	4.76
		-16.7	-17.0	13.8	4.14	13.8	4.33	13.7	4.53	13.7	4.63	13.7	4.73	13.6	4.92
		-13.7	-15.0	14.5	4.33	14.5	4.51	14.5	4.70	14.4	4.79	14.4	4.89	14.4	5.07
		-11.8	-13.0	15.3	4.50	15.3	4.68	15.2	4.85	15.2	4.94	15.2	5.03	15.1	5.21
		-9.8	-11.0	16.1	4.66	16.0	4.82	16.0	4.99	16.0	5.08	15.9	5.16	15.9	5.33
		-9.5	-10.0	16.4	4.73	16.4	4.89	16.4	5.06	16.3	5.14	16.3	5.22	16.3	5.38
		-8.5	-9.1	16.8	4.79	16.7	4.95	16.7	5.11	16.7	5.19	16.7	5.27	16.6	5.43
		-7.0	-7.6	17.3	4.89	17.3	5.05	17.3	5.20	17.2	5.28	17.2	5.36	17.2	5.51
		-5.0	-5.6	18.1	5.01	18.1	5.16	18.0	5.31	18.0	5.38	18.0	5.46	17.9	5.61
		-3.0	-3.7	18.8	5.12	18.8	5.26	18.7	5.40	18.7	5.48	18.7	5.55	18.7	5.69
		0.0	-0.7	19.9	5.27	19.9	5.41	19.9	5.54	19.8	5.61	19.8	5.68	19.5	5.69
		3.0	2.2	21.0	5.41	21.0	5.53	21.0	5.66	20.9	5.72	20.9	5.79	19.5	5.33
		5.0	4.1	21.8	5.49	21.7	5.61	21.7	5.73	21.7	5.79	21.0	5.57	19.5	5.13
		7.0	6.0	22.5	5.56	22.4	5.68	22.4	5.80	21.7	5.58	21.0	5.36	19.5	4.93
		9.0	7.9	23.2	5.63	23.2	5.75	22.4	5.58	21.7	5.37	21.0	5.16	19.5	4.76
		11.0	9.8	23.9	5.70	23.8	5.80	22.4	5.39	21.7	5.18	21.0	4.98	19.5	4.59
		13.0	11.8	24.7	5.77	23.8	5.59	22.4	5.19	21.7	5.00	21.0	4.81	19.5	4.43
		15.0	13.7	25.3	5.79	23.8	5.40	22.4	5.02	21.7	4.83	21.0	4.65	19.5	4.29
90%	20.16	-19.8	-20.0	12.6	4.18	12.6	4.38	12.5	4.57	12.5	4.67	12.5	4.76	12.4	4.96
		-18.8	-19.0	13.0	4.29	12.9	4.48	12.9	4.66	12.9	4.76	12.9	4.85	12.8	5.04
		-16.7	-17.0	13.7	4.48	13.7	4.66	13.7	4.84	13.6	4.92	13.6	5.01	13.6	5.19
		-13.7	-15.0	14.5	4.66	14.4	4.82	14.4	4.99	14.4	5.07	14.4	5.16	14.3	5.32
		-11.8	-13.0	15.2	4.81	15.2	4.97	15.2	5.13	15.1	5.21	15.1	5.29	15.1	5.44
		-9.8	-11.0	16.0	4.95	16.0	5.10	15.9	5.25	15.9	5.33	15.9	5.40	15.8	5.55
		-9.5	-10.0	16.4	5.02	16.3	5.16	16.3	5.31	16.3	5.39	16.3	5.46	16.2	5.61
		-8.5	-9.1	16.7	5.07	16.7	5.22	16.6	5.36	16.6	5.43	16.6	5.51	16.6	5.65
		-7.0	-7.6	17.3	5.16	17.2	5.30	17.2	5.44	17.2	5.51	17.2	5.58	17.1	5.72
		-5.0	-5.6	18.0	5.27	18.0	5.41	18.0	5.54	17.9	5.61	17.9	5.67	17.6	5.65
		-3.0	-3.7	18.7	5.37	18.7	5.50	18.7	5.63	18.7	5.69	18.6	5.75	17.6	5.39
		0.0	-0.7	19.9	5.51	19.8	5.63	19.8	5.75	19.5	5.69	18.9	5.46	17.6	5.03
		3.0	2.2	21.0	5.63	20.9	5.74	20.2	5.54	19.5	5.33	18.9	5.12	17.6	4.72
		5.0	4.1	21.7	5.70	21.5	5.73	20.2	5.32	19.5	5.12	18.9	4.93	17.6	4.54
		7.0	6.0	22.4	5.77	21.5	5.51	20.2	5.12	19.5	4.93	18.9	4.74	17.6	4.38
		9.0	7.9	22.8	5.69	21.5	5.31	20.2	4.94	19.5	4.75	18.9	4.58	17.6	4.22
		11.0	9.8	22.8	5.48	21.5	5.12	20.2	4.77	19.5	4.59	18.9	4.42	17.6	4.08
		13.0	11.8	22.8	5.29	21.5	4.94	20.2	4.60	19.5	4.43	18.9	4.27	17.6	3.94
		15.0	13.7	22.8	5.11	21.5	4.78	20.2	4.45	19.5	4.29	18.9	4.13	17.6	3.82

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Capacity tables

6 - 2 Heating Capacity Tables

6

RXYCQ8A

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

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80	17.92	-19.8	-20.0	12.5	4.56	12.5	4.73	12.5	4.90	12.4	4.99	12.4	5.08	12.4	5.25
		-18.8	-19.0	12.9	4.65	12.9	4.82	12.8	4.99	12.8	5.07	12.8	5.15	12.8	5.32
		-16.7	-17.0	13.7	4.83	13.6	4.98	13.6	5.14	13.6	5.22	13.6	5.30	13.5	5.45
		-13.7	-15.0	14.4	4.98	14.4	5.13	14.3	5.28	14.3	5.35	14.3	5.43	14.3	5.58
		-11.8	-13.0	15.2	5.12	15.1	5.26	15.1	5.40	15.1	5.47	15.1	5.54	15.0	5.68
		-9.8	-11.0	15.9	5.25	15.9	5.38	15.9	5.51	15.8	5.58	15.8	5.65	15.6	5.68
		-9.5	-10.0	16.3	5.30	16.3	5.44	16.2	5.57	16.2	5.63	16.2	5.70	15.6	5.52
		-8.5	-9.1	16.6	5.35	16.6	5.48	16.6	5.61	16.6	5.68	16.5	5.74	15.6	5.39
		-7.0	-7.6	17.2	5.43	17.2	5.56	17.1	5.68	17.1	5.74	16.8	5.63	15.6	5.18
		-5.0	-5.6	18.0	5.53	17.9	5.65	17.9	5.77	17.3	5.56	16.8	5.35	15.6	4.92
		-3.0	-3.7	18.7	5.62	18.6	5.73	17.9	5.52	17.3	5.31	16.8	5.10	15.6	4.70
		0.0	-0.7	19.8	5.74	19.1	5.53	17.9	5.14	17.3	4.95	16.8	4.76	15.6	4.39
		3.0	2.2	20.2	5.56	19.1	5.19	17.9	4.83	17.3	4.65	16.8	4.48	15.6	4.13
		5.0	4.1	20.2	5.34	19.1	4.99	17.9	4.64	17.3	4.48	16.8	4.31	15.6	3.98
		7.0	6.0	20.2	5.14	19.1	4.80	17.9	4.47	17.3	4.31	16.8	4.15	15.6	3.84
		9.0	7.9	20.2	4.95	19.1	4.63	17.9	4.32	17.3	4.16	16.8	4.01	15.6	3.71
		11.0	9.8	20.2	4.78	19.1	4.47	17.9	4.17	17.3	4.02	16.8	3.88	15.6	3.59
		13.0	11.8	20.2	4.61	19.1	4.32	17.9	4.03	17.3	3.89	16.8	3.75	15.6	3.47
		15.0	13.7	20.2	4.47	19.1	4.18	17.9	3.91	17.3	3.77	16.8	3.63	15.6	3.37
70	15.68	-19.8	-20.0	12.5	4.94	12.4	5.09	12.4	5.24	12.4	5.31	12.4	5.39	12.4	5.54
		-18.8	-19.0	12.8	5.02	12.8	5.17	12.8	5.31	12.8	5.38	12.7	5.46	12.7	5.60
		-16.7	-17.0	13.6	5.17	13.6	5.31	13.5	5.45	13.5	5.51	13.5	5.58	13.4	5.72
		-13.7	-15.0	14.3	5.31	14.3	5.44	14.3	5.57	14.3	5.63	14.3	5.70	13.6	5.47
		-11.8	-13.0	15.1	5.43	15.1	5.55	15.0	5.68	15.0	5.74	14.7	5.60	13.6	5.15
		-9.8	-11.0	15.8	5.54	15.8	5.66	15.7	5.71	15.2	5.49	14.7	5.28	13.6	4.86
		-9.5	-10.0	16.2	5.59	16.2	5.71	15.7	5.55	15.2	5.34	14.7	5.13	13.6	4.73
		-8.5	-9.1	16.6	5.64	16.5	5.75	15.7	5.41	15.2	5.21	14.7	5.01	13.6	4.62
		-7.0	-7.6	17.1	5.71	16.7	5.60	15.7	5.20	15.2	5.01	14.7	4.81	13.6	4.44
		-5.0	-5.6	17.7	5.70	16.7	5.31	15.7	4.94	15.2	4.76	14.7	4.58	13.6	4.23
		-3.0	-3.7	17.7	5.43	16.7	5.07	15.7	4.72	15.2	4.55	14.7	4.38	13.6	4.05
		0.0	-0.7	17.7	5.07	16.7	4.74	15.7	4.41	15.2	4.25	14.7	4.10	13.6	3.79
		3.0	2.2	17.7	4.76	16.7	4.45	15.7	4.15	15.2	4.01	14.7	3.86	13.6	3.57
		5.0	4.1	17.7	4.58	16.7	4.29	15.7	4.00	15.2	3.86	14.7	3.72	13.6	3.45
		7.0	6.0	17.7	4.41	16.7	4.13	15.7	3.86	15.2	3.72	14.7	3.59	13.6	3.33
		9.0	7.9	17.7	4.26	16.7	3.99	15.7	3.73	15.2	3.60	14.7	3.47	13.6	3.22
		11.0	9.8	17.7	4.11	16.7	3.86	15.7	3.61	15.2	3.48	14.7	3.36	13.6	3.12
		13.0	11.8	17.7	3.97	16.7	3.73	15.7	3.49	15.2	3.37	14.7	3.25	13.6	3.02
		15.0	13.7	17.7	3.85	16.7	3.62	15.7	3.38	15.2	3.27	14.7	3.16	13.6	2.93
60	13.44	-19.8	-20.0	12.4	5.31	12.4	5.44	12.33	5.57	12.32	5.64	12.31	5.70	11.71	5.42
		-18.8	-19.0	12.8	5.39	12.7	5.51	12.71	5.63	12.70	5.70	12.58	5.68	11.71	5.22
		-16.7	-17.0	13.5	5.52	13.5	5.63	13.44	5.73	13.01	5.51	12.58	5.30	11.71	4.88
		-13.7	-15.0	14.3	5.63	14.2	5.74	13.44	5.37	13.01	5.17	12.58	4.97	11.71	4.58
		-11.8	-13.0	15.0	5.74	14.3	5.43	13.44	5.05	13.01	4.86	12.58	4.68	11.71	4.32
		-9.8	-11.0	15.2	5.49	14.3	5.12	13.44	4.77	13.01	4.59	12.58	4.42	11.71	4.08
		-9.5	-10.0	15.2	5.34	14.3	4.98	13.44	4.64	13.01	4.47	12.58	4.30	11.71	3.98
		-8.5	-9.1	15.2	5.21	14.3	4.86	13.44	4.53	13.01	4.37	12.58	4.20	11.71	3.89
		-7.0	-7.6	15.2	5.00	14.3	4.68	13.44	4.36	13.01	4.20	12.58	4.05	11.71	3.74
		-5.0	-5.6	15.2	4.76	14.3	4.45	13.44	4.15	13.01	4.00	12.58	3.86	11.71	3.57
		-3.0	-3.7	15.2	4.55	14.3	4.26	13.44	3.97	13.01	3.83	12.58	3.69	11.71	3.42
		0.0	-0.7	15.2	4.25	14.3	3.98	13.44	3.72	13.01	3.59	12.58	3.47	11.71	3.22
		3.0	2.2	15.2	4.00	14.3	3.75	13.44	3.51	13.01	3.39	12.58	3.27	11.71	3.04
		5.0	4.1	15.2	3.86	14.3	3.62	13.44	3.39	13.01	3.27	12.58	3.16	11.71	2.94
		7.0	6.0	15.2	3.72	14.3	3.49	13.44	3.27	13.01	3.16	12.58	3.06	11.71	2.84
		9.0	7.9	15.2	3.60	14.3	3.38	13.44	3.17	13.01	3.06	12.58	2.96	11.71	2.75
		11.0	9.8	15.2	3.48	14.3	3.27	13.44	3.07	13.01	2.97	12.58	2.87	11.71	2.67
		13.0	11.8	15.2	3.37	14.3	3.17	13.44	2.97	13.01	2.87	12.58	2.78	11.71	2.59
		15.0	13.7	15.2	3.27	14.3	3.07	13.44	2.89	13.01	2.79	12.58	2.70	11.71	2.52
50	11.20	-19.8	-20.0	12.31	5.69	11.92	5.53	11.20	5.14	10.84	4.95	10.48	4.76	9.76	4.39
		-18.8	-19.0	12.64	5.71	11.92	5.33	11.20	4.96	10.84	4.77	10.48	4.59	9.76	4.24
		-16.7	-17.0	12.64	5.33	11.92	4.98	11.20	4.63	10.84	4.47	10.48	4.30	9.76	3.97
		-13.7	-15.0	12.64	5.00	11.92	4.67	11.20	4.35	10.84	4.20	10.48	4.04	9.76	3.74
		-11.8	-13.0	12.64	4.70	11.92	4.40	11.20	4.11	10.84	3.96	10.48	3.82	9.76	3.53
		-9.8	-11.0	12.64	4.45	11.92	4.16	11.20	3.89	10.84	3.75	10.48	3.62	9.76	3.35
		-9.5	-10.0	12.64	4.33	11.92	4.05	11.20	3.79	10.84	3.65	10.48	3.52	9.76	3.27
		-8.5	-9.1	12.64	4.23	11.92	3.96	11.20	3.70	10.84	3.57	10.48	3.45	9.76	3.20
		-7.0	-7.6	12.64	4.07	11.92	3.82	11.20	3.57	10.84	3.45	10.48	3.32	9.76	3.09
		-5.0	-5.6	12.64	3.88	11.92	3.64	11.20	3.41	10.84	3.29	10.48	3.18	9.76	2.95
		-3.0	-3.7	12.64	3.71	11.92	3.49	11.20	3.27	10.84	3.16	10.48	3.05	9.76	2.84
		0.0	-0.7	12.64	3.48	11.92	3.28	11.20	3.07	10.84	2.97	10.48	2.87	9.76	2.67
		3.0	2.2	12.64	3.29	11.92	3.10	11.20	2.91	10.84	2.81	10.48	2.72	9.76	2.53
		5.0	4.1	12.64	3.18	11.92	2.99	11.20	2.81	10.84	2.72	10.48	2.63	9.76	2.45
		7.0	6.0	12.64	3.07	11.92	2.89	11.20	2.72	10.84	2.63	10.48	2.55	9.76	2.38
		9.0	7.9	12.64	2.97	11.92	2.80	11.20	2.63	10.84	2.55	10.48	2.47	9.76	2.31
		11.0	9.8	12.64	2.88	11.92	2.72	11.20	2.56	10.84	2.48	10.48	2.40	9.76	2.24
		13.0	11.8	12.64	2.79	11.92	2.63	11.20	2.48	10.84	2.40	10.48	2.33	9.76	2.18
		15.0	13.7	12.64	2.71	11.92	2.56	11.20	2.41	10.84	2.34	10.48	2.27	9.76	2.12

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6 Capacity tables

6 - 2 Heating Capacity Tables

RXYCQ10A

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

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
120%	33.60	-19.8	-20.0	16.0	3.69	15.9	4.00	15.9	4.31	15.8	4.46	15.8	4.62	15.8	4.93
		-18.8	-19.0	16.5	3.85	16.4	4.16	16.3	4.46	16.3	4.61	16.3	4.76	16.2	5.06
		-16.7	-17.0	17.4	4.16	17.4	4.45	17.3	4.73	17.3	4.87	17.2	5.01	17.2	5.30
		-13.7	-15.0	18.4	4.44	18.3	4.71	18.2	4.98	18.2	5.11	18.2	5.24	18.1	5.51
		-11.8	-13.0	19.3	4.69	19.2	4.94	19.2	5.20	19.2	5.32	19.1	5.45	19.1	5.71
		-9.8	-11.0	20.2	4.91	20.2	5.15	20.1	5.40	20.1	5.52	20.1	5.64	20.0	5.88
		-9.5	-10.0	20.7	5.01	20.7	5.25	20.6	5.49	20.6	5.61	20.5	5.73	20.5	5.96
		-8.5	-9.1	21.1	5.10	21.1	5.34	21.0	5.57	21.0	5.68	21.0	5.80	20.9	6.03
		-7.0	-7.6	21.9	5.25	21.8	5.47	21.7	5.69	21.7	5.81	21.7	5.92	21.6	6.14
		-5.0	-5.6	22.8	5.42	22.7	5.64	22.7	5.85	22.6	5.96	22.6	6.07	22.6	6.28
		-3.0	-3.7	23.7	5.57	23.6	5.78	23.6	5.99	23.5	6.09	23.5	6.19	23.5	6.40
		0.0	-0.7	25.1	5.79	25.0	5.99	25.0	6.18	25.0	6.28	24.9	6.38	24.9	6.57
		3.0	2.2	26.5	5.99	26.4	6.17	26.4	6.35	26.3	6.45	26.3	6.54	26.2	6.72
		5.0	4.1	27.4	6.10	27.3	6.28	27.3	6.46	27.2	6.55	27.2	6.63	27.1	6.81
		7.0	6.0	28.3	6.21	28.2	6.38	28.2	6.55	28.1	6.64	28.1	6.72	28.0	6.90
		9.0	7.9	29.2	6.31	29.1	6.48	29.1	6.64	29.0	6.73	29.0	6.81	28.9	6.98
		11.0	9.8	30.1	6.40	30.0	6.57	29.9	6.73	29.9	6.81	29.9	6.89	29.3	6.85
		13.0	11.8	31.0	6.50	31.0	6.66	30.9	6.81	30.9	6.89	30.8	6.97	29.3	6.60
		15.0	13.7	31.9	6.58	31.8	6.74	31.8	6.89	31.8	6.97	31.4	6.94	29.3	6.38
110%	30.80	-19.8	-20.0	15.9	4.14	15.9	4.42	15.8	4.71	15.8	4.85	15.7	4.99	15.7	5.28
		-18.8	-19.0	16.4	4.29	16.3	4.57	16.3	4.85	16.2	4.99	16.2	5.12	16.2	5.40
		-16.7	-17.0	17.3	4.58	17.3	4.84	17.2	5.10	17.2	5.23	17.2	5.36	17.1	5.62
		-13.7	-15.0	18.3	4.83	18.2	5.08	18.2	5.32	18.1	5.45	18.1	5.57	18.1	5.82
		-11.8	-13.0	19.2	5.06	19.2	5.29	19.1	5.53	19.1	5.64	19.1	5.76	19.0	5.99
		-9.8	-11.0	20.2	5.27	20.1	5.49	20.1	5.71	20.0	5.82	20.0	5.93	19.9	6.16
		-9.5	-10.0	20.6	5.36	20.6	5.58	20.5	5.80	20.5	5.90	20.5	6.01	20.4	6.23
		-8.5	-9.1	21.1	5.44	21.0	5.66	20.9	5.87	20.9	5.98	20.9	6.08	20.8	6.29
		-7.0	-7.6	21.8	5.57	21.7	5.78	21.7	5.99	21.6	6.09	21.6	6.19	21.5	6.40
		-5.0	-5.6	22.7	5.74	22.7	5.93	22.6	6.13	22.6	6.23	22.5	6.33	22.5	6.52
		-3.0	-3.7	23.6	5.88	23.6	6.07	23.5	6.26	23.5	6.35	23.4	6.44	23.4	6.63
		0.0	-0.7	25.0	6.08	25.0	6.26	24.9	6.44	24.9	6.53	24.9	6.61	24.8	6.79
		3.0	2.2	26.4	6.26	26.3	6.42	26.3	6.59	26.3	6.68	26.2	6.76	26.2	6.93
		5.0	4.1	27.3	6.36	27.2	6.52	27.2	6.69	27.2	6.77	27.1	6.85	26.8	6.92
		7.0	6.0	28.2	6.46	28.1	6.62	28.1	6.78	28.0	6.86	28.0	6.93	26.8	6.66
		9.0	7.9	29.1	6.55	29.0	6.71	29.0	6.86	28.9	6.94	28.8	6.98	26.8	6.41
		11.0	9.8	30.0	6.64	29.9	6.79	29.9	6.94	29.8	7.00	28.8	6.72	26.8	6.19
		13.0	11.8	30.9	6.73	30.9	6.87	30.8	7.01	29.8	6.74	28.8	6.48	26.8	5.97
		15.0	13.7	31.8	6.81	31.8	6.95	30.8	6.77	29.8	6.52	28.8	6.27	26.8	5.77
100%	28.00	-19.8	-20.0	15.8	4.59	15.8	4.85	15.7	5.11	15.7	5.24	15.7	5.37	15.6	5.63
		-18.8	-19.0	16.3	4.74	16.2	4.99	16.2	5.24	16.2	5.36	16.1	5.49	16.1	5.74
		-16.7	-17.0	17.2	4.99	17.2	5.23	17.1	5.47	17.1	5.59	17.1	5.70	17.0	5.94
		-13.7	-15.0	18.2	5.22	18.1	5.45	18.1	5.67	18.1	5.78	18.0	5.90	18.0	6.12
		-11.8	-13.0	19.1	5.43	19.1	5.65	19.0	5.86	19.0	5.96	19.0	6.07	18.9	6.28
		-9.8	-11.0	20.1	5.62	20.0	5.82	20.0	6.03	19.9	6.13	19.9	6.23	19.9	6.43
		-9.5	-10.0	20.5	5.71	20.5	5.91	20.4	6.10	20.4	6.20	20.4	6.30	20.3	6.50
		-8.5	-9.1	21.0	5.78	20.9	5.98	20.9	6.17	20.8	6.27	20.8	6.36	20.8	6.56
		-7.0	-7.6	21.7	5.90	21.6	6.09	21.6	6.28	21.6	6.37	21.5	6.46	21.5	6.65
		-5.0	-5.6	22.6	6.05	22.6	6.23	22.5	6.41	22.5	6.50	22.5	6.59	22.4	6.77
		-3.0	-3.7	23.5	6.18	23.5	6.35	23.4	6.52	23.4	6.61	23.4	6.69	23.3	6.87
		0.0	-0.7	24.9	6.36	24.9	6.53	24.8	6.69	24.8	6.77	24.8	6.85	24.4	6.87
		3.0	2.2	26.3	6.52	26.3	6.68	26.2	6.83	26.2	6.91	26.2	6.99	24.4	6.44
		5.0	4.1	27.2	6.62	27.2	6.77	27.1	6.92	27.1	6.99	26.2	6.73	24.4	6.19
		7.0	6.0	28.1	6.71	28.0	6.86	28.0	7.00	27.1	6.73	26.2	6.47	24.4	5.96
		9.0	7.9	29.0	6.80	28.9	6.94	28.0	6.74	27.1	6.48	26.2	6.23	24.4	5.74
		11.0	9.8	29.9	6.88	29.8	7.00	28.0	6.50	27.1	6.26	26.2	6.01	24.4	5.54
		13.0	11.8	30.8	6.96	29.8	6.74	28.0	6.27	27.1	6.03	26.2	5.80	24.4	5.35
		15.0	13.7	31.6	6.98	29.8	6.52	28.0	6.06	27.1	5.83	26.2	5.61	24.4	5.18
90%	25.20	-19.8	-20.0	15.7	5.05	15.7	5.28	15.6	5.52	15.6	5.63	15.6	5.75	15.6	5.98
		-18.8	-19.0	16.2	5.18	16.2	5.40	16.1	5.63	16.1	5.74	16.1	5.85	16.0	6.08
		-16.7	-17.0	17.2	5.41	17.1	5.62	17.1	5.84	17.0	5.94	17.0	6.05	17.0	6.26
		-13.7	-15.0	18.1	5.62	18.1	5.82	18.0	6.02	18.0	6.12	18.0	6.22	17.9	6.42
		-11.8	-13.0	19.0	5.81	19.0	6.00	19.0	6.19	18.9	6.28	18.9	6.38	18.9	6.57
		-9.8	-11.0	20.0	5.98	19.9	6.16	19.9	6.34	19.9	6.43	19.9	6.52	19.8	6.70
		-9.5	-10.0	20.5	6.05	20.4	6.23	20.4	6.41	20.3	6.50	20.3	6.59	20.3	6.77
		-8.5	-9.1	20.9	6.12	20.8	6.30	20.8	6.47	20.8	6.56	20.7	6.65	20.7	6.82
		-7.0	-7.6	21.6	6.23	21.5	6.40	21.5	6.57	21.5	6.65	21.5	6.74	21.4	6.90
		-5.0	-5.6	22.5	6.36	22.5	6.53	22.4	6.69	22.4	6.77	22.4	6.85	22.0	6.82
		-3.0	-3.7	23.4	6.48	23.4	6.64	23.3	6.79	23.3	6.87	23.3	6.95	22.0	6.50
		0.0	-0.7	24.8	6.65	24.8	6.79	24.8	6.94	24.4	6.86	23.6	6.59	22.0	6.07
		3.0	2.2	26.2	6.79	26.2	6.93	25.2	6.69	24.4	6.43	23.6	6.19	22.0	5.70
		5.0	4.1	27.1	6.88	26.8	6.91	25.2	6.42	24.4	6.18	23.6	5.95	22.0	5.48
		7.0	6.0	28.0	6.96	26.8	6.65	25.2	6.18	24.4	5.95	23.6	5.73	22.0	5.28
		9.0	7.9	28.4	6.87	26.8	6.41	25.2	5.96	24.4	5.74	23.6	5.52	22.0	5.10
		11.0	9.8	28.4	6.62	26.8	6.18	25.2	5.75	24.4	5.54	23.6	5.33	22.0	4.93
		13.0	11.8	28.4	6.38	26.8	5.96	25.2	5.55	24.4	5.35	23.6	5.15	22.0	4.76
		15.0	13.7	28.4	6.17	26.8	5.77	25.2	5.37	24.4	5.18	23.6	4.99	22.0	4.61

6 Capacity tables

6 - 2 Heating Capacity Tables

6

RXYCQ10A

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

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80	22.40	-19.8	-20.0	15.6	5.50	15.6	5.71	15.6	5.92	15.6	6.02	15.5	6.13	15.5	6.33
		-18.8	-19.0	16.1	5.62	16.1	5.82	16.0	6.02	16.0	6.12	16.0	6.22	16.0	6.42
		-16.7	-17.0	17.1	5.83	17.0	6.01	17.0	6.20	17.0	6.30	16.9	6.39	16.9	6.58
		-13.7	-15.0	18.0	6.01	18.0	6.19	17.9	6.37	17.9	6.46	17.9	6.55	17.9	6.73
		-11.8	-13.0	19.0	6.18	18.9	6.35	18.9	6.52	18.9	6.60	18.8	6.69	18.8	6.86
		-9.8	-11.0	19.9	6.33	19.9	6.49	19.8	6.65	19.8	6.74	19.8	6.82	19.5	6.86
		-9.5	-10.0	20.4	6.40	20.3	6.56	20.3	6.72	20.3	6.80	20.3	6.88	19.5	6.67
		-8.5	-9.1	20.8	6.46	20.8	6.62	20.7	6.77	20.7	6.85	20.7	6.93	19.5	6.50
		-7.0	-7.6	21.5	6.56	21.5	6.71	21.4	6.86	21.4	6.93	21.0	6.79	19.5	6.25
		-5.0	-5.6	22.4	6.68	22.4	6.82	22.4	6.96	21.7	6.71	21.0	6.45	19.5	5.94
		-3.0	-3.7	23.3	6.78	23.3	6.92	22.4	6.66	21.7	6.41	21.0	6.16	19.5	5.67
		0.0	-0.7	24.8	6.93	23.8	6.68	22.4	6.21	21.7	5.98	21.0	5.75	19.5	5.30
		3.0	2.2	25.3	6.71	23.8	6.26	22.4	5.83	21.7	5.61	21.0	5.40	19.5	4.99
		5.0	4.1	25.3	6.45	23.8	6.02	22.4	5.61	21.7	5.40	21.0	5.20	19.5	4.81
		7.0	6.0	25.3	6.20	23.8	5.80	22.4	5.40	21.7	5.21	21.0	5.01	19.5	4.64
		9.0	7.9	25.3	5.98	23.8	5.59	22.4	5.21	21.7	5.02	21.0	4.84	19.5	4.48
		11.0	9.8	25.3	5.77	23.8	5.40	22.4	5.04	21.7	4.86	21.0	4.68	19.5	4.33
		13.0	11.8	25.3	5.57	23.8	5.21	22.4	4.86	21.7	4.69	21.0	4.52	19.5	4.19
		15.0	13.7	25.3	5.39	23.8	5.05	22.4	4.71	21.7	4.55	21.0	4.39	19.5	4.07
70	19.60	-19.8	-20.0	15.6	5.96	15.5	6.14	15.5	6.32	15.5	6.41	15.5	6.50	15.4	6.68
		-18.8	-19.0	16.0	6.06	16.0	6.23	16.0	6.41	15.9	6.50	15.9	6.59	15.9	6.76
		-16.7	-17.0	17.0	6.24	16.9	6.41	16.9	6.57	16.9	6.66	16.9	6.74	16.8	6.90
		-13.7	-15.0	17.9	6.41	17.9	6.56	17.9	6.72	17.8	6.80	17.8	6.88	17.1	6.61
		-11.8	-13.0	18.9	6.55	18.8	6.70	18.8	6.85	18.8	6.92	18.3	6.76	17.1	6.21
		-9.8	-11.0	19.8	6.69	19.8	6.83	19.6	6.89	19.0	6.63	18.3	6.37	17.1	5.86
		-9.5	-10.0	20.3	6.75	20.3	6.89	19.6	6.70	19.0	6.44	18.3	6.19	17.1	5.71
		-8.5	-9.1	20.7	6.80	20.7	6.94	19.6	6.53	19.0	6.29	18.3	6.04	17.1	5.57
		-7.0	-7.6	21.4	6.89	20.9	6.75	19.6	6.28	19.0	6.04	18.3	5.81	17.1	5.36
		-5.0	-5.6	22.1	6.88	20.9	6.41	19.6	5.97	19.0	5.75	18.3	5.53	17.1	5.10
		-3.0	-3.7	22.1	6.56	20.9	6.12	19.6	5.70	19.0	5.49	18.3	5.29	17.1	4.88
		0.0	-0.7	22.1	6.12	20.9	5.72	19.6	5.33	19.0	5.13	18.3	4.95	17.1	4.57
		3.0	2.2	22.1	5.74	20.9	5.37	19.6	5.01	19.0	4.83	18.3	4.66	17.1	4.31
		5.0	4.1	22.1	5.53	20.9	5.17	19.6	4.83	19.0	4.66	18.3	4.49	17.1	4.16
		7.0	6.0	22.1	5.32	20.9	4.99	19.6	4.66	19.0	4.49	18.3	4.33	17.1	4.02
		9.0	7.9	22.1	5.14	20.9	4.82	19.6	4.50	19.0	4.34	18.3	4.19	17.1	3.89
		11.0	9.8	22.1	4.97	20.9	4.66	19.6	4.35	19.0	4.20	18.3	4.06	17.1	3.77
		13.0	11.8	22.1	4.80	20.9	4.50	19.6	4.21	19.0	4.07	18.3	3.93	17.1	3.65
		15.0	13.7	22.1	4.65	20.9	4.36	19.6	4.08	19.0	3.95	18.3	3.81	17.1	3.54
60	16.80	-19.8	-20.0	15.5	6.41	15.4	6.57	15.4	6.72	15.4	6.80	15.4	6.88	14.6	6.54
		-18.8	-19.0	15.9	6.50	15.9	6.65	15.9	6.80	15.9	6.88	15.7	6.86	14.6	6.30
		-16.7	-17.0	16.9	6.66	16.9	6.80	16.8	6.92	16.3	6.66	15.7	6.40	14.6	5.89
		-13.7	-15.0	17.8	6.80	17.8	6.93	16.8	6.48	16.3	6.24	15.7	6.00	14.6	5.53
		-11.8	-13.0	18.8	6.93	17.9	6.56	16.8	6.09	16.3	5.87	15.7	5.64	14.6	5.21
		-9.8	-11.0	19.0	6.62	17.9	6.18	16.8	5.75	16.3	5.54	15.7	5.34	14.6	4.93
		-9.5	-10.0	19.0	6.44	17.9	6.01	16.8	5.60	16.3	5.39	15.7	5.19	14.6	4.80
		-8.5	-9.1	19.0	6.28	17.9	5.87	16.8	5.47	16.3	5.27	15.7	5.07	14.6	4.69
		-7.0	-7.6	19.0	6.04	17.9	5.64	16.8	5.26	16.3	5.07	15.7	4.88	14.6	4.52
		-5.0	-5.6	19.0	5.74	17.9	5.37	16.8	5.01	16.3	4.83	15.7	4.66	14.6	4.31
		-3.0	-3.7	19.0	5.49	17.9	5.14	16.8	4.79	16.3	4.63	15.7	4.46	14.6	4.13
		0.0	-0.7	19.0	5.13	17.9	4.81	16.8	4.49	16.3	4.34	15.7	4.18	14.6	3.88
		3.0	2.2	19.0	4.83	17.9	4.53	16.8	4.24	16.3	4.09	15.7	3.95	14.6	3.67
		5.0	4.1	19.0	4.65	17.9	4.37	16.8	4.09	16.3	3.95	15.7	3.81	14.6	3.55
		7.0	6.0	19.0	4.49	17.9	4.22	16.8	3.95	16.3	3.82	15.7	3.69	14.6	3.43
		9.0	7.9	19.0	4.34	17.9	4.08	16.8	3.82	16.3	3.69	15.7	3.57	14.6	3.32
		11.0	9.8	19.0	4.20	17.9	3.95	16.8	3.70	16.3	3.58	15.7	3.46	14.6	3.22
		13.0	11.8	19.0	4.06	17.9	3.82	16.8	3.59	16.3	3.47	15.7	3.35	14.6	3.13
		15.0	13.7	19.0	3.94	17.9	3.71	16.8	3.48	16.3	3.37	15.7	3.26	14.6	3.04
50	14.00	-19.8	-20.0	15.4	6.87	14.9	6.67	14.0	6.20	13.6	5.97	13.1	5.74	12.2	5.30
		-18.8	-19.0	15.8	6.90	14.9	6.43	14.0	5.98	13.6	5.76	13.1	5.54	12.2	5.12
		-16.7	-17.0	15.8	6.43	14.9	6.01	14.0	5.59	13.6	5.39	13.1	5.19	12.2	4.79
		-13.7	-15.0	15.8	6.03	14.9	5.64	14.0	5.25	13.6	5.06	13.1	4.88	12.2	4.51
		-11.8	-13.0	15.8	5.68	14.9	5.31	14.0	4.95	13.6	4.78	13.1	4.61	12.2	4.27
		-9.8	-11.0	15.8	5.37	14.9	5.02	14.0	4.69	13.6	4.53	13.1	4.36	12.2	4.05
		-9.5	-10.0	15.8	5.22	14.9	4.89	14.0	4.57	13.6	4.41	13.1	4.25	12.2	3.95
		-8.5	-9.1	15.8	5.10	14.9	4.78	14.0	4.47	13.6	4.31	13.1	4.16	12.2	3.86
		-7.0	-7.6	15.8	4.91	14.9	4.61	14.0	4.31	13.6	4.16	13.1	4.01	12.2	3.73
		-5.0	-5.6	15.8	4.68	14.9	4.39	14.0	4.11	13.6	3.97	13.1	3.83	12.2	3.56
		-3.0	-3.7	15.8	4.48	14.9	4.21	14.0	3.94	13.6	3.81	13.1	3.68	12.2	3.42
		0.0	-0.7	15.8	4.21	14.9	3.95	14.0	3.71	13.6	3.58	13.1	3.46	12.2	3.23
		3.0	2.2	15.8	3.97	14.9	3.74	14.0	3.51	13.6	3.39	13.1	3.28	12.2	3.06
		5.0	4.1	15.8	3.83	14.9	3.61	14.0	3.39	13.6	3.28	13.1	3.17	12.2	2.96
		7.0	6.0	15.8	3.71	14.9	3.49	14.0	3.28	13.6	3.18	13.1	3.07	12.2	2.87
		9.0	7.9	15.8	3.59	14.9	3.38	14.0	3.18	13.6	3.08	13.1	2.98	12.2	2.78
		11.0	9.8	15.8	3.48	14.9	3.28	14.0	3.08	13.6	2.99	13.1	2.89	12.2	2.71
		13.0	11.8	15.8	3.37	14.9	3.18	14.0	2.99	13.6	2.90	13.1	2.81	12.2	2.63
		15.0	13.7	15.8	3.28	14.9	3.09	14.0	2.91	13.6	2.82	13.1	2.73	12.2	2.56

4D080759(2)

NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARKS - NOTE - OPMERKINGEN - Примечания - NOTLAR

- is shown as reference.
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Η είναι ενδεικτική.
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6 Capacity tables

6 - 2 Heating Capacity Tables

RXYCQ12A

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

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120%	40.32	-19.8	-20.0	18.5	4.27	18.4	4.67	18.4	5.06	18.3	5.26	18.3	5.46	18.2	5.86
		-18.8	-19.0	18.8	4.40	18.7	4.79	18.7	5.18	18.6	5.37	18.6	5.57	18.5	5.96
		-16.7	-17.0	19.5	4.66	19.4	5.04	19.4	5.42	19.3	5.60	19.3	5.79	19.2	6.17
		-13.7	-15.0	20.3	4.94	20.2	5.30	20.2	5.66	20.1	5.84	20.1	6.02	20.0	6.38
		-11.8	-13.0	21.2	5.22	21.1	5.57	21.0	5.91	21.0	6.09	21.0	6.26	20.9	6.60
		-9.8	-11.0	22.2	5.51	22.1	5.84	22.0	6.17	22.0	6.33	21.9	6.50	21.9	6.83
		-9.5	-10.0	22.7	5.65	22.6	5.97	22.5	6.29	22.5	6.45	22.5	6.61	22.4	6.94
		-8.5	-9.1	23.1	5.78	23.1	6.09	23.0	6.41	23.0	6.56	22.9	6.72	22.9	7.04
		-7.0	-7.6	24.0	5.99	23.9	6.29	23.9	6.59	23.8	6.74	23.8	6.90	23.7	7.20
		-5.0	-5.6	25.2	6.26	25.1	6.55	25.1	6.83	25.0	6.98	25.0	7.12	24.9	7.41
		-3.0	-3.7	26.4	6.51	26.4	6.78	26.3	7.06	26.2	7.20	26.2	7.33	26.1	7.61
		0.0	-0.7	28.5	6.89	28.5	7.14	28.4	7.40	28.3	7.52	28.3	7.65	28.2	7.90
		3.0	2.2	30.7	7.23	30.7	7.47	30.6	7.70	30.6	7.82	30.5	7.94	30.5	8.17
		5.0	4.1	32.3	7.44	32.2	7.67	32.2	7.89	32.1	8.00	32.1	8.11	32.0	8.34
		7.0	6.0	33.9	7.64	33.9	7.86	33.8	8.07	33.7	8.18	33.7	8.28	33.6	8.49
		9.0	7.9	35.6	7.84	35.6	8.04	35.5	8.24	35.5	8.34	35.4	8.44	35.1	8.56
		11.0	9.8	37.4	8.02	37.4	8.21	37.3	8.40	37.3	8.50	37.2	8.59	35.1	8.07
		13.0	11.8	39.4	8.20	39.3	8.38	39.3	8.56	39.0	8.58	37.7	8.25	35.1	7.59
		15.0	13.7	41.4	8.36	41.3	8.53	40.3	8.42	39.0	8.10	37.7	7.78	35.1	7.17
110%	36.96	-19.8	-20.0	18.4	4.85	18.3	5.22	18.3	5.58	18.2	5.76	18.2	5.95	18.1	6.31
		-18.8	-19.0	18.7	4.97	18.6	5.33	18.6	5.69	18.6	5.86	18.5	6.04	18.5	6.40
		-16.7	-17.0	19.4	5.21	19.4	5.56	19.3	5.90	19.3	6.08	19.2	6.25	19.2	6.59
		-13.7	-15.0	20.2	5.47	20.1	5.80	20.1	6.13	20.0	6.30	20.0	6.46	19.9	6.79
		-11.8	-13.0	21.1	5.73	21.0	6.05	21.0	6.36	20.9	6.52	20.9	6.68	20.8	6.99
		-9.8	-11.0	22.0	5.99	22.0	6.29	21.9	6.59	21.9	6.75	21.9	6.90	21.8	7.20
		-9.5	-10.0	22.6	6.12	22.5	6.42	22.4	6.71	22.4	6.86	22.4	7.01	22.3	7.30
		-8.5	-9.1	23.0	6.24	23.0	6.53	22.9	6.81	22.9	6.96	22.9	7.10	22.8	7.39
		-7.0	-7.6	23.9	6.43	23.8	6.71	23.8	6.99	23.7	7.12	23.7	7.26	23.6	7.54
		-5.0	-5.6	25.1	6.68	25.0	6.94	25.0	7.21	24.9	7.34	24.9	7.47	24.8	7.74
		-3.0	-3.7	26.3	6.91	26.3	7.16	26.2	7.41	26.2	7.54	26.1	7.67	26.1	7.92
		0.0	-0.7	28.4	7.26	28.4	7.49	28.3	7.72	28.3	7.84	28.2	7.96	28.2	8.19
		3.0	2.2	30.6	7.57	30.6	7.79	30.5	8.01	30.5	8.11	30.4	8.22	30.4	8.44
		5.0	4.1	32.2	7.77	32.1	7.97	32.1	8.18	32.0	8.28	32.0	8.38	31.9	8.59
		7.0	6.0	33.8	7.96	33.8	8.15	33.7	8.34	33.7	8.44	33.6	8.54	32.2	8.20
		9.0	7.9	35.5	8.13	35.5	8.32	35.4	8.50	35.4	8.59	34.6	8.40	32.2	7.73
		11.0	9.8	37.3	8.30	37.3	8.47	37.0	8.56	35.8	8.24	34.6	7.92	32.2	7.29
		13.0	11.8	39.3	8.46	39.2	8.63	37.0	8.05	35.8	7.75	34.6	7.45	32.2	6.86
		15.0	13.7	41.3	8.61	39.3	8.17	37.0	7.60	35.8	7.32	34.6	7.04	32.2	6.49
100%	33.60	-19.8	-20.0	18.3	5.43	18.2	5.76	18.2	6.10	18.1	6.26	18.1	6.43	18.1	6.76
		-18.8	-19.0	18.6	5.54	18.6	5.87	18.5	6.19	18.5	6.35	18.4	6.52	18.4	6.84
		-16.7	-17.0	19.3	5.76	19.3	6.08	19.2	6.39	19.2	6.55	19.1	6.70	19.1	7.02
		-13.7	-15.0	20.1	6.00	20.0	6.30	20.0	6.60	20.0	6.75	19.9	6.90	19.9	7.20
		-11.8	-13.0	21.0	6.23	20.9	6.52	20.9	6.81	20.8	6.95	20.8	7.10	20.7	7.39
		-9.8	-11.0	21.9	6.47	21.9	6.75	21.8	7.02	21.8	7.16	21.8	7.30	21.7	7.57
		-9.5	-10.0	22.5	6.59	22.4	6.86	22.3	7.13	22.3	7.26	22.3	7.40	22.2	7.66
		-8.5	-9.1	22.9	6.70	22.9	6.96	22.8	7.22	22.8	7.35	22.8	7.48	22.7	7.75
		-7.0	-7.6	23.8	6.87	23.7	7.13	23.7	7.38	23.6	7.50	23.6	7.63	23.6	7.88
		-5.0	-5.6	25.0	7.10	24.9	7.34	24.9	7.58	24.8	7.70	24.8	7.82	24.8	8.06
		-3.0	-3.7	26.2	7.31	26.2	7.54	26.1	7.77	26.1	7.88	26.0	8.00	26.0	8.23
		0.0	-0.7	28.3	7.63	28.3	7.84	28.2	8.05	28.2	8.16	28.1	8.26	28.1	8.48
		3.0	2.2	30.5	7.92	30.5	8.11	30.4	8.31	30.4	8.41	30.4	8.51	29.3	8.26
		5.0	4.1	32.1	8.10	32.0	8.28	32.0	8.47	31.9	8.56	31.4	8.46	29.3	7.78
		7.0	6.0	33.7	8.27	33.7	8.44	33.6	8.62	32.5	8.29	31.4	7.97	29.3	7.33
		9.0	7.9	35.4	8.43	35.4	8.59	33.6	8.12	32.5	7.81	31.4	7.51	29.3	6.92
		11.0	9.8	37.2	8.58	35.8	8.24	33.6	7.65	32.5	7.37	31.4	7.09	29.3	6.54
		13.0	11.8	37.9	8.30	35.8	7.74	33.6	7.20	32.5	6.94	31.4	6.68	29.3	6.17
		15.0	13.7	37.9	7.83	35.8	7.31	33.6	6.81	32.5	6.56	31.4	6.32	29.3	5.84
90%	30.24	-19.8	-20.0	18.2	6.02	18.1	6.31	18.1	6.61	18.1	6.76	18.0	6.91	18.0	7.21
		-18.8	-19.0	18.5	6.11	18.5	6.41	18.4	6.70	18.4	6.85	18.3	6.99	18.3	7.29
		-16.7	-17.0	19.2	6.31	19.2	6.60	19.1	6.88	19.1	7.02	19.0	7.16	19.0	7.44
		-13.7	-15.0	20.0	6.53	19.9	6.80	19.9	7.07	19.9	7.20	19.8	7.34	19.8	7.61
		-11.8	-13.0	20.9	6.74	20.8	7.00	20.8	7.26	20.7	7.39	20.7	7.52	20.7	7.78
		-9.8	-11.0	21.8	6.96	21.8	7.20	21.7	7.45	21.7	7.57	21.7	7.70	21.6	7.94
		-9.5	-10.0	22.4	7.06	22.3	7.30	22.2	7.55	22.2	7.67	22.2	7.79	22.1	8.03
		-8.5	-9.1	22.8	7.16	22.8	7.39	22.7	7.63	22.7	7.75	22.7	7.87	22.6	8.10
		-7.0	-7.6	23.7	7.32	23.6	7.54	23.6	7.77	23.6	7.89	23.5	8.00	23.5	8.23
		-5.0	-5.6	24.9	7.52	24.8	7.74	24.8	7.96	24.8	8.06	24.7	8.17	24.7	8.39
		-3.0	-3.7	26.1	7.71	26.1	7.92	26.0	8.13	26.0	8.23	26.0	8.33	25.9	8.54
		0.0	-0.7	28.2	8.00	28.2	8.19	28.1	8.38	28.1	8.48	28.1	8.57	26.4	7.99
		3.0	2.2	30.4	8.26	30.4	8.44	30.2	8.58	29.3	8.25	28.3	7.93	26.4	7.30
		5.0	4.1	32.0	8.42	31.9	8.59	30.2	8.08	29.3	7.77	28.3	7.47	26.4	6.89
		7.0	6.0	33.6	8.58	32.2	8.19	30.2	7.61	29.3	7.33	28.3	7.05	26.4	6.50
		9.0	7.9	34.1	8.27	32.2	7.72	30.2	7.18	29.3	6.92	28.3	6.66	26.4	6.15
		11.0	9.8	34.1	7.79	32.2	7.28	30.2	6.78	29.3	6.54	28.3	6.29	26.4	5.82
		13.0	11.8	34.1	7.33	32.2	6.86	30.2	6.39	29.3	6.16	28.3	5.94	26.4	5.50
		15.0	13.7	34.1	6.93	32.2	6.49	30.2	6.05	29.3	5.84	28.3	5.63	26.4	5.21

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6 Capacity tables

6 - 2 Heating Capacity Tables

6

RXYCQ12A

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

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80	26.88	-19.8	-20.0	18.1	6.60	18.0	6.86	18.0	7.13	18.0	7.26	17.9	7.39	17.9	7.66
		-18.8	-19.0	18.4	6.68	18.4	6.95	18.3	7.21	18.3	7.34	18.3	7.47	18.2	7.73
		-16.7	-17.0	19.1	6.87	19.1	7.12	19.0	7.37	19.0	7.49	19.0	7.62	18.9	7.87
		-13.7	-15.0	19.9	7.05	19.8	7.29	19.8	7.53	19.8	7.65	19.8	7.78	19.7	8.02
		-11.8	-13.0	20.8	7.24	20.7	7.48	20.7	7.71	20.7	7.82	20.6	7.94	20.6	8.17
		-9.8	-11.0	21.7	7.44	21.7	7.66	21.6	7.88	21.6	7.99	21.6	8.10	21.5	8.32
		-9.5	-10.0	22.3	7.53	22.2	7.75	22.2	7.96	22.1	8.07	22.1	8.18	22.1	8.39
		-8.5	-9.1	22.7	7.62	22.7	7.83	22.6	8.04	22.6	8.14	22.6	8.25	22.5	8.46
		-7.0	-7.6	23.6	7.76	23.5	7.96	23.5	8.17	23.5	8.27	23.4	8.37	23.4	8.57
		-5.0	-5.6	24.8	7.95	24.7	8.14	24.7	8.33	24.7	8.43	24.6	8.52	23.4	8.09
		-3.0	-3.7	26.0	8.12	26.0	8.30	25.9	8.48	25.9	8.57	25.2	8.60	23.4	7.63
		0.0	-0.7	28.1	8.37	28.1	8.54	26.9	8.17	26.0	7.87	25.2	7.56	23.4	6.97
		3.0	2.2	30.3	8.61	28.6	8.03	26.9	7.47	26.0	7.19	25.2	6.92	23.4	6.38
		5.0	4.1	30.3	8.11	28.6	7.57	26.9	7.04	26.0	6.79	25.2	6.53	23.4	6.04
		7.0	6.0	30.3	7.64	28.6	7.14	26.9	6.65	26.0	6.41	25.2	6.17	23.4	5.71
		9.0	7.9	30.3	7.21	28.6	6.74	26.9	6.28	26.0	6.06	25.2	5.84	23.4	5.41
		11.0	9.8	30.3	6.81	28.6	6.37	26.9	5.95	26.0	5.74	25.2	5.53	23.4	5.12
		13.0	11.8	30.3	6.42	28.6	6.01	26.9	5.62	26.0	5.42	25.2	5.23	23.4	4.85
		15.0	13.7	30.3	6.07	28.6	5.69	26.9	5.32	26.0	5.14	25.2	4.96	23.4	4.61
70	23.52	-19.8	-20.0	18.0	7.18	17.9	7.41	17.9	7.64	17.9	7.76	17.9	7.88	17.8	8.11
		-18.8	-19.0	18.3	7.26	18.3	7.48	18.2	7.71	18.2	7.83	18.2	7.94	18.1	8.17
		-16.7	-17.0	19.0	7.42	19.0	7.64	18.9	7.85	18.9	7.96	18.9	8.07	18.8	8.29
		-13.7	-15.0	19.8	7.58	19.7	7.79	19.7	8.00	19.7	8.11	19.7	8.21	19.6	8.42
		-11.8	-13.0	20.7	7.75	20.6	7.95	20.6	8.15	20.6	8.25	20.5	8.35	20.5	8.55
		-9.8	-11.0	21.6	7.92	21.6	8.11	21.5	8.30	21.5	8.40	21.5	8.50	20.5	8.09
		-9.5	-10.0	22.1	8.00	22.1	8.19	22.1	8.38	22.0	8.47	22.0	8.56	20.5	7.87
		-8.5	-9.1	22.6	8.08	22.6	8.26	22.5	8.45	22.5	8.54	22.0	8.34	20.5	7.67
		-7.0	-7.6	23.5	8.20	23.4	8.38	23.4	8.56	22.8	8.30	22.0	7.98	20.5	7.34
		-5.0	-5.6	24.7	8.37	24.6	8.54	23.5	8.12	22.8	7.82	22.0	7.52	20.5	6.92
		-3.0	-3.7	25.9	8.52	25.0	8.25	23.5	7.67	22.8	7.38	22.0	7.10	20.5	6.55
		0.0	-0.7	26.5	8.05	25.0	7.52	23.5	7.00	22.8	6.74	22.0	6.49	20.5	6.00
		3.0	2.2	26.5	7.36	25.0	6.88	23.5	6.41	22.8	6.18	22.0	5.96	20.5	5.51
		5.0	4.1	26.5	6.94	25.0	6.50	23.5	6.06	22.8	5.85	22.0	5.64	20.5	5.22
		7.0	6.0	26.5	6.56	25.0	6.14	23.5	5.73	22.8	5.53	22.0	5.34	20.5	4.95
		9.0	7.9	26.5	6.20	25.0	5.81	23.5	5.43	22.8	5.24	22.0	5.06	20.5	4.70
		11.0	9.8	26.5	5.86	25.0	5.50	23.5	5.15	22.8	4.97	22.0	4.80	20.5	4.46
		13.0	11.8	26.5	5.54	25.0	5.20	23.5	4.87	22.8	4.71	22.0	4.55	20.5	4.23
		15.0	13.7	26.5	5.25	25.0	4.94	23.5	4.63	22.8	4.48	22.0	4.32	20.5	4.03
60	20.16	-19.8	-20.0	17.9	7.76	17.8	7.96	17.8	8.16	17.8	8.26	17.8	8.36	17.6	8.43
		-18.8	-19.0	18.2	7.83	18.2	8.02	18.1	8.22	18.1	8.32	18.1	8.41	17.6	8.26
		-16.7	-17.0	18.9	7.97	18.9	8.15	18.8	8.34	18.8	8.44	18.8	8.53	17.6	7.89
		-13.7	-15.0	19.7	8.11	19.6	8.29	19.6	8.47	19.5	8.50	18.9	8.17	17.6	7.52
		-11.8	-13.0	20.6	8.26	20.5	8.43	20.2	8.39	19.5	8.07	18.9	7.75	17.6	7.14
		-9.8	-11.0	21.5	8.40	21.5	8.54	20.2	7.94	19.5	7.64	18.9	7.34	17.6	6.77
		-9.5	-10.0	22.0	8.48	21.5	8.30	20.2	7.72	19.5	7.43	18.9	7.14	17.6	6.59
		-8.5	-9.1	22.5	8.54	21.5	8.09	20.2	7.52	19.5	7.24	18.9	6.97	17.6	6.43
		-7.0	-7.6	22.8	8.30	21.5	7.74	20.2	7.20	19.5	6.94	18.9	6.68	17.6	6.16
		-5.0	-5.6	22.8	7.81	21.5	7.30	20.2	6.80	19.5	6.55	18.9	6.31	17.6	5.83
		-3.0	-3.7	22.8	7.38	21.5	6.90	20.2	6.43	19.5	6.20	18.9	5.97	17.6	5.52
		0.0	-0.7	22.8	6.74	21.5	6.31	20.2	5.89	19.5	5.68	18.9	5.48	17.6	5.08
		3.0	2.2	22.8	6.18	21.5	5.79	20.2	5.41	19.5	5.23	18.9	5.04	17.6	4.68
		5.0	4.1	22.8	5.84	21.5	5.48	20.2	5.13	19.5	4.96	18.9	4.78	17.6	4.45
		7.0	6.0	22.8	5.53	21.5	5.19	20.2	4.86	19.5	4.70	18.9	4.54	17.6	4.22
		9.0	7.9	22.8	5.24	21.5	4.92	20.2	4.62	19.5	4.46	18.9	4.31	17.6	4.02
		11.0	9.8	22.8	4.97	21.5	4.67	20.2	4.39	19.5	4.24	18.9	4.10	17.6	3.82
		13.0	11.8	22.8	4.71	21.5	4.43	20.2	4.16	19.5	4.03	18.9	3.89	17.6	3.63
		15.0	13.7	22.8	4.47	21.5	4.21	20.2	3.96	19.5	3.84	18.9	3.71	17.6	3.47
50	16.80	-19.8	-20.0	17.8	8.34	17.7	8.51	16.8	8.00	16.3	7.70	15.7	7.40	14.6	6.82
		-18.8	-19.0	18.1	8.40	17.9	8.43	16.8	7.83	16.3	7.54	15.7	7.25	14.6	6.68
		-16.7	-17.0	18.8	8.52	17.9	8.05	16.8	7.49	16.3	7.21	15.7	6.94	14.6	6.40
		-13.7	-15.0	19.0	8.22	17.9	7.67	16.8	7.14	16.3	6.87	15.7	6.62	14.6	6.11
		-11.8	-13.0	19.0	7.80	17.9	7.29	16.8	6.78	16.3	6.54	15.7	6.29	14.6	5.82
		-9.8	-11.0	19.0	7.39	17.9	6.91	16.8	6.44	16.3	6.21	15.7	5.98	14.6	5.53
		-9.5	-10.0	19.0	7.19	17.9	6.72	16.8	6.27	16.3	6.04	15.7	5.82	14.6	5.39
		-8.5	-9.1	19.0	7.01	17.9	6.55	16.8	6.11	16.3	5.90	15.7	5.68	14.6	5.26
		-7.0	-7.6	19.0	6.71	17.9	6.29	16.8	5.87	16.3	5.66	15.7	5.46	14.6	5.06
		-5.0	-5.6	19.0	6.34	17.9	5.94	16.8	5.55	16.3	5.36	15.7	5.17	14.6	4.80
		-3.0	-3.7	19.0	6.00	17.9	5.63	16.8	5.26	16.3	5.08	15.7	4.91	14.6	4.56
		0.0	-0.7	19.0	5.51	17.9	5.17	16.8	4.84	16.3	4.68	15.7	4.52	14.6	4.21
		3.0	2.2	19.0	5.07	17.9	4.77	16.8	4.47	16.3	4.33	15.7	4.18	14.6	3.90
		5.0	4.1	19.0	4.81	17.9	4.53	16.8	4.25	16.3	4.11	15.7	3.98	14.6	3.71
		7.0	6.0	19.0	4.56	17.9	4.30	16.8	4.04	16.3	3.91	15.7	3.78	14.6	3.53
		9.0	7.9	19.0	4.34	17.9	4.09	16.8	3.84	16.3	3.72	15.7	3.60	14.6	3.37
		11.0	9.8	19.0	4.12	17.9	3.89	16.8	3.66	16.3	3.55	15.7	3.44	14.6	3.22
		13.0	11.8	19.0	3.91	17.9	3.70	16.8	3.48	16.3	3.38	15.7	3.27	14.6	3.07
		15.0	13.7	19.0	3.73	17.9	3.53	16.8	3.32	16.3	3.23	15.7	3.13	14.6	2.93

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

- is shown as reference.
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6 Capacity tables

6 - 2 Heating Capacity Tables

RXYCQ14A

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

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120%	47.04	-19.8	-20.0	21.6	4.86	21.5	5.31	21.4	5.76	21.4	5.99	21.3	6.22	21.3	6.67
		-18.8	-19.0	22.0	5.00	21.9	5.45	21.8	5.89	21.7	6.11	21.7	6.34	21.6	6.78
		-16.7	-17.0	22.8	5.30	22.7	5.73	22.6	6.16	22.6	6.37	22.5	6.59	22.4	7.01
		-13.7	-15.0	23.7	5.61	23.6	6.02	23.5	6.43	23.5	6.64	23.4	6.84	23.4	7.25
		-11.8	-13.0	24.7	5.93	24.6	6.32	24.6	6.72	24.5	6.91	24.5	7.11	24.4	7.50
		-9.8	-11.0	25.8	6.25	25.8	6.63	25.7	7.00	25.6	7.19	25.6	7.37	25.5	7.75
		-9.5	-10.0	26.4	6.41	26.4	6.78	26.3	7.14	26.2	7.32	26.2	7.51	26.1	7.87
		-8.5	-9.1	27.0	6.55	26.9	6.91	26.8	7.27	26.8	7.45	26.8	7.62	26.7	7.98
		-7.0	-7.6	28.0	6.79	27.9	7.13	27.8	7.48	27.8	7.65	27.7	7.82	27.7	8.16
		-5.0	-5.6	29.4	7.09	29.3	7.42	29.2	7.75	29.2	7.91	29.2	8.07	29.1	8.40
		-3.0	-3.7	30.8	7.37	30.7	7.69	30.7	8.00	30.6	8.15	30.6	8.31	30.5	8.62
		0.0	-0.7	33.3	7.80	33.2	8.08	33.1	8.37	33.1	8.51	33.0	8.66	32.9	8.95
		3.0	2.2	35.9	8.18	35.8	8.44	35.7	8.71	35.7	8.84	35.6	8.98	35.5	9.24
		5.0	4.1	37.7	8.41	37.6	8.67	37.5	8.92	37.5	9.05	37.4	9.17	37.3	9.42
		7.0	6.0	39.6	8.64	39.5	8.88	39.4	9.12	39.4	9.24	39.3	9.36	39.2	9.60
		9.0	7.9	41.6	8.85	41.5	9.08	41.4	9.31	41.4	9.42	41.3	9.53	41.0	9.67
		11.0	9.8	43.7	9.05	43.6	9.27	43.5	9.48	43.5	9.59	43.4	9.70	41.0	9.11
		13.0	11.8	46.0	9.25	45.9	9.45	45.8	9.66	45.5	9.68	44.0	9.30	41.0	8.56
		15.0	13.7	48.3	9.43	48.2	9.62	47.0	9.49	45.5	9.13	44.0	8.77	41.0	8.08
110%	43.12	-19.8	-20.0	21.5	5.52	21.4	5.93	21.3	6.35	21.3	6.56	21.2	6.76	21.2	7.18
		-18.8	-19.0	21.8	5.65	21.8	6.06	21.7	6.47	21.6	6.67	21.6	6.87	21.5	7.28
		-16.7	-17.0	22.7	5.93	22.6	6.32	22.5	6.71	22.5	6.91	22.4	7.10	22.3	7.50
		-13.7	-15.0	23.6	6.21	23.5	6.59	23.4	6.97	23.4	7.15	23.3	7.34	23.3	7.72
		-11.8	-13.0	24.6	6.51	24.5	6.87	24.4	7.23	24.4	7.41	24.4	7.58	24.3	7.94
		-9.8	-11.0	25.7	6.80	25.6	7.14	25.6	7.49	25.5	7.66	25.5	7.83	25.4	8.17
		-9.5	-10.0	26.3	6.95	26.2	7.28	26.2	7.62	26.1	7.78	26.1	7.95	26.0	8.28
		-8.5	-9.1	26.9	7.08	26.8	7.40	26.7	7.73	26.7	7.89	26.7	8.06	26.6	8.39
		-7.0	-7.6	27.9	7.29	27.8	7.61	27.7	7.92	27.7	8.08	27.6	8.24	27.6	8.55
		-5.0	-5.6	29.3	7.57	29.2	7.87	29.1	8.17	29.1	8.32	29.1	8.47	29.0	8.77
		-3.0	-3.7	30.7	7.83	30.6	8.11	30.6	8.40	30.5	8.54	30.5	8.68	30.4	8.97
		0.0	-0.7	33.2	8.22	33.1	8.48	33.0	8.74	33.0	8.88	32.9	9.01	32.9	9.27
		3.0	2.2	35.7	8.57	35.7	8.81	35.6	9.05	35.6	9.18	35.5	9.30	35.4	9.54
		5.0	4.1	37.6	8.78	37.5	9.02	37.4	9.25	37.4	9.36	37.3	9.48	37.3	9.71
		7.0	6.0	39.5	8.99	39.4	9.21	39.3	9.43	39.3	9.54	39.2	9.65	37.6	9.26
		9.0	7.9	41.5	9.18	41.4	9.39	41.3	9.60	41.3	9.71	40.3	9.49	37.6	8.72
		11.0	9.8	43.5	9.37	43.5	9.57	43.1	9.67	41.7	9.30	40.3	8.94	37.6	8.23
		13.0	11.8	45.9	9.55	45.8	9.74	43.1	9.08	41.7	8.74	40.3	8.40	37.6	7.74
		15.0	13.7	48.1	9.71	45.9	9.22	43.1	8.57	41.7	8.25	40.3	7.94	37.6	7.32
100%	39.20	-19.8	-20.0	21.3	6.18	21.3	6.56	21.2	6.94	21.2	7.13	21.1	7.31	21.1	7.69
		-18.8	-19.0	21.7	6.30	21.6	6.67	21.6	7.04	21.5	7.23	21.5	7.41	21.4	7.78
		-16.7	-17.0	22.5	6.55	22.5	6.91	22.4	7.27	22.4	7.44	22.3	7.62	22.3	7.98
		-13.7	-15.0	23.5	6.81	23.4	7.16	23.3	7.50	23.3	7.67	23.2	7.84	23.2	8.18
		-11.8	-13.0	24.5	7.08	24.4	7.41	24.3	7.73	24.3	7.90	24.3	8.06	24.2	8.39
		-9.8	-11.0	25.6	7.35	25.5	7.66	25.5	7.97	25.4	8.13	25.4	8.28	25.3	8.59
		-9.5	-10.0	26.2	7.48	26.1	7.78	26.1	8.09	26.0	8.24	26.0	8.39	25.9	8.70
		-8.5	-9.1	26.8	7.60	26.7	7.90	26.6	8.19	26.6	8.34	26.6	8.49	26.5	8.79
		-7.0	-7.6	27.8	7.79	27.7	8.08	27.6	8.37	27.6	8.51	27.5	8.65	27.5	8.94
		-5.0	-5.6	29.2	8.05	29.1	8.32	29.0	8.59	29.0	8.73	28.9	8.87	28.9	9.14
		-3.0	-3.7	30.6	8.28	30.5	8.54	30.4	8.80	30.4	8.93	30.4	9.06	30.3	9.32
		0.0	-0.7	33.0	8.64	33.0	8.88	32.9	9.12	32.9	9.24	32.8	9.36	32.8	9.59
		3.0	2.2	35.6	8.96	35.6	9.18	35.5	9.40	35.4	9.51	35.4	9.62	34.2	9.34
		5.0	4.1	37.4	9.15	37.4	9.36	37.3	9.57	37.3	9.68	36.7	9.56	34.2	8.79
		7.0	6.0	39.3	9.34	39.3	9.54	39.2	9.74	37.9	9.37	36.7	9.00	34.2	8.29
		9.0	7.9	41.3	9.52	41.3	9.71	39.2	9.17	37.9	8.82	36.7	8.48	34.2	7.82
		11.0	9.8	43.4	9.68	41.7	9.30	39.2	8.64	37.9	8.32	36.7	8.00	34.2	7.38
		13.0	11.8	44.2	9.36	41.7	8.74	39.2	8.13	37.9	7.83	36.7	7.54	34.2	6.96
		15.0	13.7	44.2	8.83	41.7	8.25	39.2	7.68	37.9	7.40	36.7	7.13	34.2	6.59
90%	35.28	-19.8	-20.0	21.2	6.85	21.2	7.18	21.1	7.52	21.1	7.69	21.0	7.86	21.0	8.20
		-18.8	-19.0	21.6	6.95	21.5	7.29	21.5	7.62	21.4	7.79	21.4	7.95	21.3	8.29
		-16.7	-17.0	22.4	7.18	22.3	7.50	22.3	7.82	22.3	7.98	22.2	8.14	22.2	8.46
		-13.7	-15.0	23.3	7.41	23.3	7.72	23.2	8.03	23.2	8.18	23.1	8.34	23.1	8.65
		-11.8	-13.0	24.4	7.65	24.3	7.95	24.2	8.24	24.2	8.39	24.2	8.54	24.1	8.83
		-9.8	-11.0	25.5	7.89	25.4	8.18	25.4	8.46	25.3	8.60	25.3	8.74	25.2	9.02
		-9.5	-10.0	26.1	8.01	26.0	8.29	26.0	8.56	25.9	8.70	25.9	8.84	25.8	9.11
		-8.5	-9.1	26.6	8.12	26.6	8.39	26.5	8.66	26.5	8.79	26.5	8.93	26.4	9.19
		-7.0	-7.6	27.6	8.30	27.6	8.56	27.5	8.81	27.5	8.94	27.4	9.07	27.4	9.33
		-5.0	-5.6	29.0	8.53	29.0	8.77	28.9	9.02	28.9	9.14	28.8	9.26	28.8	9.51
		-3.0	-3.7	30.5	8.74	30.4	8.97	30.3	9.21	30.3	9.32	30.3	9.44	30.2	9.67
		0.0	-0.7	32.9	9.06	32.9	9.27	32.8	9.49	32.8	9.60	32.7	9.70	30.7	9.04
		3.0	2.2	35.5	9.35	35.4	9.54	35.3	9.70	34.1	9.33	33.0	8.97	30.7	8.26
		5.0	4.1	37.3	9.52	37.2	9.71	35.3	9.13	34.1	8.79	33.0	8.45	30.7	7.79
		7.0	6.0	39.2	9.69	37.5	9.25	35.3	8.60	34.1	8.28	33.0	7.97	30.7	7.35
		9.0	7.9	39.8	9.34	37.5	8.72	35.3	8.11	34.1	7.81	33.0	7.52	30.7	6.94
		11.0	9.8	39.8	8.80	37.5	8.22	35.3	7.65	34.1	7.38	33.0	7.10	30.7	6.57
		13.0	11.8	39.8	8.27	37.5	7.74	35.3	7.21	34.1	6.95	33.0	6.70	30.7	6.20
		15.0	13.7	39.8	7.82	37.5	7.31	35.3	6.82	34.1	6.58	33.0	6.35	30.7	5.88

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6 Capacity tables

6 - 2 Heating Capacity Tables

RXYCQ14A

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

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80	31.36	-19.8	-20.0	21.1	7.51	21.0	7.81	21.0	8.11	21.0	8.26	20.9	8.41	20.9	8.72
		-18.8	-19.0	21.5	7.60	21.4	7.90	21.4	8.20	21.3	8.35	21.3	8.49	21.2	8.79
		-16.7	-17.0	22.3	7.81	22.2	8.09	22.2	8.38	22.1	8.52	22.1	8.66	22.1	8.95
		-13.7	-15.0	23.2	8.02	23.2	8.29	23.1	8.56	23.1	8.70	23.0	8.84	23.0	9.11
		-11.8	-13.0	24.2	8.23	24.2	8.49	24.1	8.75	24.1	8.88	24.1	9.01	24.0	9.27
		-9.8	-11.0	25.4	8.44	25.3	8.69	25.2	8.94	25.2	9.07	25.2	9.19	25.1	9.44
		-9.5	-10.0	26.0	8.55	25.9	8.79	25.8	9.04	25.8	9.16	25.8	9.28	25.7	9.52
		-8.5	-9.1	26.5	8.64	26.5	8.88	26.4	9.12	26.4	9.24	26.4	9.36	26.3	9.60
		-7.0	-7.6	27.5	8.80	27.5	9.03	27.4	9.26	27.4	9.37	27.3	9.49	27.3	9.72
		-5.0	-5.6	28.9	9.01	28.9	9.22	28.8	9.44	28.8	9.55	28.7	9.66	28.7	9.91
		-3.0	-3.7	30.3	9.19	30.3	9.40	30.2	9.61	30.2	9.71	29.3	9.40	27.3	8.65
		0.0	-0.7	32.8	9.48	32.7	9.67	31.4	9.25	30.4	8.90	29.3	8.56	27.3	7.89
		3.0	2.2	35.4	9.73	33.4	9.08	31.4	8.45	30.4	8.13	29.3	7.83	27.3	7.22
		5.0	4.1	35.4	9.17	33.4	8.56	31.4	7.96	30.4	7.67	29.3	7.39	27.3	6.82
		7.0	6.0	35.4	8.63	33.4	8.07	31.4	7.51	30.4	7.24	29.3	6.98	27.3	6.45
		9.0	7.9	35.4	8.14	33.4	7.61	31.4	7.10	30.4	6.85	29.3	6.60	27.3	6.11
		11.0	9.8	35.4	7.68	33.4	7.19	31.4	6.71	30.4	6.48	29.3	6.24	27.3	5.78
		13.0	11.8	35.4	7.24	33.4	6.78	31.4	6.33	30.4	6.12	29.3	5.90	27.3	5.47
		15.0	13.7	35.4	6.85	33.4	6.42	31.4	6.00	30.4	5.80	29.3	5.60	27.3	5.20
70	27.44	-19.8	-20.0	21.0	8.17	20.9	8.43	20.9	8.70	20.9	8.83	20.8	8.96	20.8	9.23
		-18.8	-19.0	21.3	8.26	21.3	8.51	21.3	8.77	21.2	8.90	21.2	9.03	21.2	9.29
		-16.7	-17.0	22.2	8.43	22.1	8.68	22.1	8.93	22.0	9.06	22.0	9.18	22.0	9.43
		-13.7	-15.0	23.1	8.62	23.0	8.85	23.0	9.09	23.0	9.21	22.9	9.33	22.9	9.57
		-11.8	-13.0	24.1	8.80	24.1	9.03	24.0	9.26	24.0	9.37	24.0	9.49	23.9	9.72
		-9.8	-11.0	25.2	8.99	25.2	9.21	25.1	9.43	25.1	9.54	25.1	9.64	23.9	9.19
		-9.5	-10.0	25.8	9.08	25.8	9.30	25.7	9.51	25.7	9.62	25.7	9.71	23.9	8.93
		-8.5	-9.1	26.4	9.17	26.4	9.38	26.3	9.58	26.3	9.69	25.7	9.46	23.9	8.70
		-7.0	-7.6	27.4	9.30	27.3	9.51	27.3	9.71	26.6	9.41	25.7	9.05	23.9	8.33
		-5.0	-5.6	28.8	9.48	28.7	9.67	27.4	9.21	26.6	8.86	25.7	8.52	23.9	7.85
		-3.0	-3.7	30.2	9.65	29.2	9.35	27.4	8.69	26.6	8.36	25.7	8.04	23.9	7.42
		0.0	-0.7	31.0	9.12	29.2	8.51	27.4	7.92	26.6	7.63	25.7	7.35	23.9	6.79
		3.0	2.2	31.0	8.32	29.2	7.78	27.4	7.25	26.6	6.99	25.7	6.74	23.9	6.24
		5.0	4.1	31.0	7.85	29.2	7.35	27.4	6.85	26.6	6.61	25.7	6.37	23.9	5.90
		7.0	6.0	31.0	7.41	29.2	6.94	27.4	6.48	26.6	6.25	25.7	6.03	23.9	5.59
		9.0	7.9	31.0	7.00	29.2	6.56	27.4	6.13	26.6	5.92	25.7	5.71	23.9	5.30
		11.0	9.8	31.0	6.62	29.2	6.21	27.4	5.81	26.6	5.61	25.7	5.42	23.9	5.03
		13.0	11.8	31.0	6.25	29.2	5.87	27.4	5.50	26.6	5.31	25.7	5.13	23.9	4.77
		15.0	13.7	31.0	5.92	29.2	5.57	27.4	5.22	26.6	5.05	25.7	4.88	23.9	4.54
60	23.52	-19.8	-20.0	20.9	8.83	20.8	9.06	20.8	9.29	20.8	9.40	20.7	9.51	20.5	9.60
		-18.8	-19.0	21.2	8.91	21.2	9.13	21.1	9.35	21.1	9.46	21.1	9.57	20.5	9.39
		-16.7	-17.0	22.0	9.06	22.0	9.27	22.0	9.49	21.9	9.59	21.9	9.70	20.5	8.97
		-13.7	-15.0	23.0	9.22	22.9	9.42	22.9	9.63	22.8	9.66	22.0	9.28	20.5	8.54
		-11.8	-13.0	24.0	9.38	23.9	9.57	23.5	9.52	22.8	9.16	22.0	8.81	20.5	8.11
		-9.8	-11.0	25.1	9.54	25.0	9.70	23.5	9.01	22.8	8.67	22.0	8.34	20.5	7.68
		-9.5	-10.0	25.7	9.62	25.0	9.42	23.5	8.76	22.8	8.43	22.0	8.11	20.5	7.48
		-8.5	-9.1	26.3	9.69	25.0	9.18	23.5	8.53	22.8	8.22	22.0	7.90	20.5	7.29
		-7.0	-7.6	26.5	9.41	25.0	8.78	23.5	8.17	22.8	7.87	22.0	7.57	20.5	6.99
		-5.0	-5.6	26.5	8.85	25.0	8.27	23.5	7.70	22.8	7.42	22.0	7.15	20.5	6.61
		-3.0	-3.7	26.5	8.36	25.0	7.81	23.5	7.28	22.8	7.02	22.0	6.76	20.5	6.26
		0.0	-0.7	26.5	7.63	25.0	7.14	23.5	6.67	22.8	6.43	22.0	6.20	20.5	5.75
		3.0	2.2	26.5	6.99	25.0	6.55	23.5	6.12	22.8	5.91	22.0	5.71	20.5	5.30
		5.0	4.1	26.5	6.61	25.0	6.20	23.5	5.80	22.8	5.60	22.0	5.41	20.5	5.03
		7.0	6.0	26.5	6.25	25.0	5.87	23.5	5.50	22.8	5.31	22.0	5.13	20.5	4.77
		9.0	7.9	26.5	5.92	25.0	5.56	23.5	5.21	22.8	5.04	22.0	4.87	20.5	4.54
		11.0	9.8	26.5	5.61	25.0	5.28	23.5	4.95	22.8	4.79	22.0	4.63	20.5	4.32
		13.0	11.8	26.5	5.31	25.0	5.00	23.5	4.69	22.8	4.54	22.0	4.39	20.5	4.10
		15.0	13.7	26.5	5.04	25.0	4.75	23.5	4.47	22.8	4.33	22.0	4.19	20.5	3.91
50	19.60	-19.8	-20.0	20.7	9.50	20.7	9.68	19.6	9.10	19.0	8.76	18.3	8.42	17.1	7.76
		-18.8	-19.0	21.1	9.56	20.9	9.59	19.6	8.91	19.0	8.57	18.3	8.25	17.1	7.60
		-16.7	-17.0	21.9	9.68	20.9	9.16	19.6	8.51	19.0	8.20	18.3	7.89	17.1	7.28
		-13.7	-15.0	22.1	9.34	20.9	8.72	19.6	8.11	19.0	7.81	18.3	7.52	17.1	6.94
		-11.8	-13.0	22.1	8.86	20.9	8.27	19.6	7.70	19.0	7.43	18.3	7.15	17.1	6.61
		-9.8	-11.0	22.1	8.39	20.9	7.84	19.6	7.31	19.0	7.04	18.3	6.79	17.1	6.28
		-9.5	-10.0	22.1	8.15	20.9	7.63	19.6	7.11	19.0	6.86	18.3	6.61	17.1	6.12
		-8.5	-9.1	22.1	7.95	20.9	7.44	19.6	6.94	19.0	6.69	18.3	6.45	17.1	5.97
		-7.0	-7.6	22.1	7.61	20.9	7.13	19.6	6.65	19.0	6.42	18.3	6.19	17.1	5.74
		-5.0	-5.6	22.1	7.19	20.9	6.73	19.6	6.29	19.0	6.07	18.3	5.86	17.1	5.44
		-3.0	-3.7	22.1	6.80	20.9	6.38	19.6	5.96	19.0	5.76	18.3	5.56	17.1	5.16
		0.0	-0.7	22.1	6.23	20.9	5.85	19.6	5.48	19.0	5.30	18.3	5.12	17.1	4.76
		3.0	2.2	22.1	5.74	20.9	5.39	19.6	5.06	19.0	4.89	18.3	4.73	17.1	4.41
		5.0	4.1	22.1	5.44	20.9	5.12	19.6	4.80	19.0	4.65	18.3	4.49	17.1	4.19
		7.0	6.0	22.1	5.16	20.9	4.86	19.6	4.56	19.0	4.42	18.3	4.28	17.1	3.99
		9.0	7.9	22.1	4.90	20.9	4.62	19.6	4.34	19.0	4.20	18.3	4.07	17.1	3.80
		11.0	9.8	22.1	4.65	20.9	4.39	19.6	4.13	19.0	4.01	18.3	3.88	17.1	3.63
		13.0	11.8	22.1	4.42	20.9	4.17	19.6	3.93	19.0	3.81	18.3	3.69	17.1	3.46
		15.0	13.7	22.1	4.21	20.9	3.98	19.6	3.75	19.0	3.64	18.3	3.53	17.1	3.31

4D080759(2)

NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

- is shown as reference.
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- The above table shows the average value of conditions which may occur.<

6 Capacity tables

6 - 2 Heating Capacity Tables

RXYCQ16A

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

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120%	53.76	-19.8	-20.0	24.8	5.94	24.7	6.48	24.6	7.03	24.6	7.30	24.5	7.57	24.4	8.12
		-18.8	-19.0	25.2	6.12	25.1	6.65	25.1	7.19	25.0	7.46	25.0	7.73	24.9	8.26
		-16.7	-17.0	26.2	6.49	26.1	7.01	26.0	7.52	26.0	7.78	25.9	8.04	25.8	8.55
		-13.7	-15.0	27.3	6.88	27.2	7.37	27.1	7.86	27.1	8.11	27.0	8.35	26.9	8.85
		-11.8	-13.0	28.5	7.26	28.4	7.73	28.3	8.20	28.2	8.44	28.2	8.67	28.1	9.1
		-9.8	-11.0	29.8	7.64	29.7	8.09	29.6	8.54	29.5	8.77	29.5	9.0	29.4	9.4
		-9.5	-10.0	30.5	7.83	30.4	8.27	30.3	8.71	30.2	8.9	30.2	9.2	30.1	9.6
		-8.5	-9.1	31.1	8.00	31.0	8.43	30.9	8.9	30.9	9.1	30.8	9.3	30.7	9.7
		-7.0	-7.6	32.2	8.28	32.1	8.70	32.1	9.1	32.0	9.3	32.0	9.5	31.9	9.9
		-5.0	-5.6	33.8	8.64	33.7	9.0	33.6	9.4	33.6	9.6	33.6	9.8	33.5	10.2
		-3.0	-3.7	35.4	9.0	35.4	9.4	35.3	9.7	35.2	9.9	35.2	10.1	35.1	10.5
		0.0	-0.7	38.2	9.5	38.1	9.8	38.0	10.2	38.0	10.3	37.9	10.5	37.8	10.9
		3.0	2.2	41.1	9.9	41.0	10.2	40.9	10.6	40.9	10.7	40.8	10.9	40.7	11.2
		5.0	4.1	43.1	10.2	43.0	10.5	42.9	10.8	42.9	11.0	42.8	11.1	42.7	11.4
		7.0	6.0	45.2	10.5	45.1	10.8	45.0	11.0	45.0	11.2	45.0	11.3	44.9	11.6
		9.0	7.9	47.5	10.7	47.4	11.0	47.3	11.3	47.2	11.4	47.2	11.5	46.9	11.7
		11.0	9.8	49.8	11.0	49.7	11.2	49.6	11.5	49.5	11.6	49.5	11.7	46.9	11.1
		13.0	11.8	52.3	11.2	52.2	11.4	52.1	11.7	52.0	11.8	50.3	11.3	46.9	10.4
		15.0	13.7	54.8	11.4	54.7	11.6	53.8	11.6	52.0	11.1	50.3	10.7	46.9	9.9
110%	49.28	-19.8	-20.0	24.7	6.74	24.6	7.24	24.5	7.74	24.4	7.99	24.4	8.24	24.3	8.74
		-18.8	-19.0	25.1	6.90	25.0	7.39	24.9	7.88	24.9	8.13	24.8	8.37	24.8	8.87
		-16.7	-17.0	26.1	7.25	26.0	7.72	25.9	8.19	25.9	8.42	25.8	8.66	25.7	9.13
		-13.7	-15.0	27.2	7.60	27.1	8.05	27.0	8.50	26.9	8.73	26.9	8.95	26.8	9.4
		-11.8	-13.0	28.3	7.95	28.3	8.38	28.2	8.81	28.1	9.0	28.1	9.2	28.0	9.7
		-9.8	-11.0	29.6	8.30	29.6	8.71	29.5	9.1	29.4	9.3	29.4	9.5	29.3	9.9
		-9.5	-10.0	30.3	8.48	30.2	8.9	30.2	9.3	30.1	9.5	30.1	9.7	30.0	10.1
		-8.5	-9.1	31.0	8.63	30.9	9.0	30.8	9.4	30.8	9.6	30.7	9.8	30.6	10.2
		-7.0	-7.6	32.1	8.9	32.0	9.3	31.9	9.6	31.9	9.8	31.8	10.0	31.8	10.4
		-5.0	-5.6	33.7	9.2	33.6	9.6	33.5	9.9	33.5	10.1	33.4	10.3	33.3	10.7
		-3.0	-3.7	35.3	9.5	35.2	9.9	35.1	10.2	35.1	10.4	35.1	10.6	35.0	10.9
		0.0	-0.7	38.1	10.0	38.0	10.3	37.9	10.6	37.8	10.8	37.8	10.9	37.7	11.3
		3.0	2.2	41.0	10.4	40.9	10.7	40.8	11.0	40.7	11.1	40.7	11.3	40.6	11.6
		5.0	4.1	43.0	10.6	42.9	10.9	42.8	11.2	42.8	11.3	42.7	11.5	42.6	11.8
		7.0	6.0	45.1	10.9	45.0	11.2	44.9	11.4	44.9	11.6	44.8	11.7	42.9	11.2
		9.0	7.9	47.3	11.1	47.2	11.4	47.1	11.6	47.1	11.8	46.1	11.5	42.9	10.6
		11.0	9.8	49.6	11.3	49.5	11.6	49.3	11.8	47.7	11.3	46.1	10.9	42.9	10.0
		13.0	11.8	52.2	11.6	52.1	11.8	49.3	11.1	47.7	10.6	46.1	10.2	42.9	9.43
		15.0	13.7	54.7	11.7	52.4	11.2	49.3	10.4	47.7	10.1	46.1	9.7	42.9	8.93
100%	44.80	-19.8	-20.0	24.5	7.53	24.4	7.99	24.4	8.44	24.3	8.67	24.3	8.90	24.2	9.35
		-18.8	-19.0	25.0	7.69	24.9	8.13	24.8	8.58	24.8	8.80	24.7	9.02	24.6	9.5
		-16.7	-17.0	25.9	8.00	25.9	8.43	25.8	8.85	25.7	9.07	25.7	9.3	25.6	9.7
		-13.7	-15.0	27.0	8.32	26.9	8.73	26.9	9.1	26.8	9.3	26.8	9.5	26.7	10.0
		-11.8	-13.0	28.2	8.64	28.1	9.0	28.0	9.4	28.0	9.6	28.0	9.8	27.9	10.2
		-9.8	-11.0	29.5	9.0	29.4	9.3	29.3	9.7	29.3	9.9	29.3	10.1	29.2	10.5
		-9.5	-10.0	30.2	9.1	30.1	9.5	30.0	9.8	30.0	10.0	30.0	10.2	29.9	10.6
		-8.5	-9.1	30.8	9.3	30.8	9.6	30.7	10.0	30.6	10.2	30.6	10.3	30.5	10.7
		-7.0	-7.6	32.0	9.5	31.9	9.8	31.8	10.2	31.8	10.4	31.7	10.5	31.6	10.9
		-5.0	-5.6	33.6	9.8	33.5	10.1	33.4	10.4	33.4	10.6	33.3	10.8	33.2	11.1
		-3.0	-3.7	35.2	10.1	35.1	10.4	35.0	10.7	35.0	10.9	34.9	11.0	34.9	11.3
		0.0	-0.7	37.9	10.5	37.8	10.8	37.8	11.1	37.7	11.2	37.7	11.4	37.6	11.6
		3.0	2.2	40.8	10.9	40.7	11.1	40.7	11.4	40.6	11.5	40.6	11.7	39.0	11.3
		5.0	4.1	42.8	11.1	42.8	11.3	42.7	11.6	42.6	11.7	41.9	11.6	39.0	10.6
		7.0	6.0	45.0	11.3	44.9	11.6	44.8	11.8	43.4	11.3	41.9	10.9	39.0	10.04
		9.0	7.9	47.2	11.5	47.1	11.8	44.8	11.1	43.4	10.7	41.9	10.3	39.0	9.49
		11.0	9.8	49.5	11.7	47.7	11.3	44.8	10.5	43.4	10.1	41.9	9.73	39.0	8.97
		13.0	11.8	50.6	11.4	47.7	10.6	44.8	9.9	43.4	9.53	41.9	9.17	39.0	8.47
		15.0	13.7	50.6	10.8	47.7	10.1	44.8	9.36	43.4	9.02	41.9	8.69	39.0	8.03
90%	40.32	-19.8	-20.0	24.4	8.33	24.3	8.74	24.2	9.15	24.2	9.36	24.2	9.6	24.1	10.0
		-18.8	-19.0	24.8	8.47	24.8	8.87	24.7	9.27	24.6	9.5	24.6	9.7	24.5	10.1
		-16.7	-17.0	25.8	8.75	25.7	9.14	25.7	9.5	25.6	9.7	25.6	9.9	25.5	10.3
		-13.7	-15.0	26.9	9.04	26.8	9.4	26.7	9.8	26.7	10.0	26.7	10.1	26.6	10.5
		-11.8	-13.0	28.1	9.3	28.0	9.7	27.9	10.0	27.9	10.2	27.9	10.4	27.8	10.7
		-9.8	-11.0	29.4	9.6	29.3	10.0	29.2	10.3	29.2	10.5	29.2	10.6	29.1	11.0
		-9.5	-10.0	30.1	9.8	30.0	10.1	29.9	10.4	29.9	10.6	29.8	10.7	29.8	11.1
		-8.5	-9.1	30.7	9.9	30.6	10.2	30.6	10.5	30.5	10.7	30.5	10.9	30.4	11.2
		-7.0	-7.6	31.8	10.1	31.8	10.4	31.7	10.7	31.6	10.9	31.6	11.0	31.5	11.3
		-5.0	-5.6	33.4	10.4	33.3	10.7	33.3	11.0	33.2	11.1	33.2	11.3	33.1	11.5
		-3.0	-3.7	35.0	10.6	35.0	10.9	34.9	11.2	34.9	11.3	34.8	11.5	34.8	11.7
		0.0	-0.7	37.8	11.0	37.7	11.3	37.6	11.5	37.6	11.6	37.6	11.8	35.1	10.9
		3.0	2.2	40.7	11.3	40.6	11.6	40.3	11.7	39.0	11.3	37.7	10.8	35.1	9.97
		5.0	4.1	42.7	11.5	42.6	11.8	40.3	11.0	39.0	10.6	37.7	10.22	35.1	9.42
		7.0	6.0	44.8	11.7	42.9	11.2	40.3	10.4	39.0	10.03	37.7	9.65	35.1	8.90
		9.0	7.9	45.5	11.3	42.9	10.6	40.3	9.84	39.0	9.48	37.7	9.12	35.1	8.43
		11.0	9.8	45.5	10.7	42.9	10.0	40.3	9.30	39.0	8.97	37.7	8.63	35.1	7.98
		13.0	11.8	45.5	10.1	42.9	9.42	40.3	8.78	39.0	8.47	37.7	8.16	35.1	7.55
		15.0	13.7	45.5	9.5	42.9	8.92	40.3	8.32	39.0	8.03	37.7	7.74	35.1	7.17

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6 Capacity tables

6 - 2 Heating Capacity Tables

6

RXYCQ16A

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

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80	35.84	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
		-19.8	-20.0	24.2	9.13	24.2	9.50	24.1	9.9	24.1	10.0	24.1	10.2	24.0	10.6
		-18.8	-19.0	24.7	9.25	24.6	9.6	24.6	10.0	24.5	10.1	24.5	10.3	24.4	10.7
		-16.7	-17.0	25.7	9.5	25.6	9.8	25.5	10.2	25.5	10.4	25.5	10.5	25.4	10.9
		-13.7	-15.0	26.7	9.8	26.7	10.1	26.6	10.4	26.6	10.6	26.5	10.7	26.5	11.1
		-11.8	-13.0	27.9	10.0	27.9	10.3	27.8	10.6	27.8	10.8	27.7	11.0	27.7	11.3
		-9.8	-11.0	29.2	10.3	29.2	10.6	29.1	10.9	29.1	11.0	29.0	11.2	29.0	11.5
		-9.5	-10.0	29.9	10.4	29.9	10.7	29.8	11.0	29.8	11.1	29.7	11.3	29.7	11.6
		-8.5	-9.1	30.6	10.5	30.5	10.8	30.4	11.1	30.4	11.2	30.4	11.4	30.3	11.7
		-7.0	-7.6	31.7	10.7	31.6	11.0	31.6	11.3	31.5	11.4	31.5	11.5	31.2	11.7
		-5.0	-5.6	33.3	10.9	33.2	11.2	33.2	11.5	33.1	11.6	33.1	11.7	31.2	11.0
		-3.0	-3.7	34.9	11.2	34.8	11.4	34.8	11.7	34.7	11.8	33.5	11.3	31.2	10.40
		0.0	-0.7	37.6	11.5	37.6	11.7	35.8	11.1	34.7	10.7	33.5	10.31	31.2	9.50
		3.0	2.2	40.4	11.8	38.1	11.0	35.8	10.20	34.7	9.82	33.5	9.45	31.2	8.72
		5.0	4.1	40.4	11.1	38.1	10.3	35.8	9.63	34.7	9.28	33.5	8.93	31.2	8.25
		7.0	6.0	40.4	10.5	38.1	9.77	35.8	9.10	34.7	8.78	33.5	8.45	31.2	7.82
		9.0	7.9	40.4	9.88	38.1	9.24	35.8	8.61	34.7	8.31	33.5	8.00	31.2	7.41
		11.0	9.8	40.4	9.34	38.1	8.74	35.8	8.16	34.7	7.87	33.5	7.59	31.2	7.03
		13.0	11.8	40.4	8.81	38.1	8.26	35.8	7.71	34.7	7.44	33.5	7.18	31.2	6.66
		15.0	13.7	40.4	8.35	38.1	7.83	35.8	7.32	34.7	7.07	33.5	6.82	31.2	6.33
70	31.36	-19.8	-20.0	24.1	9.9	24.1	10.2	24.0	10.6	24.0	10.7	23.9	10.9	23.9	11.2
		-18.8	-19.0	24.5	10.0	24.5	10.3	24.4	10.7	24.4	10.8	24.4	11.0	24.3	11.3
		-16.7	-17.0	25.5	10.3	25.5	10.6	25.4	10.9	25.4	11.0	25.4	11.2	25.3	11.5
		-13.7	-15.0	26.6	10.5	26.5	10.8	26.5	11.1	26.5	11.2	26.4	11.3	26.4	11.6
		-11.8	-13.0	27.8	10.7	27.7	11.0	27.7	11.3	27.7	11.4	27.6	11.5	27.3	11.6
		-9.8	-11.0	29.1	10.9	29.0	11.2	29.0	11.5	29.0	11.6	28.9	11.7	27.3	11.0
		-9.5	-10.0	29.8	11.0	29.7	11.3	29.7	11.6	29.6	11.7	29.3	11.6	27.3	10.7
		-8.5	-9.1	30.4	11.1	30.4	11.4	30.3	11.6	30.3	11.8	29.3	11.3	27.3	10.43
		-7.0	-7.6	31.5	11.3	31.5	11.5	31.4	11.7	30.4	11.3	29.3	10.9	27.3	9.99
		-5.0	-5.6	33.1	11.5	33.1	11.7	31.4	11.1	30.4	10.64	29.3	10.23	27.3	9.43
		-3.0	-3.7	34.8	11.7	33.4	11.2	31.4	10.44	30.4	10.06	29.3	9.67	27.3	8.92
		0.0	-0.7	35.4	11.0	33.4	10.26	31.4	9.55	30.4	9.20	29.3	8.86	27.3	8.18
		3.0	2.2	35.4	10.05	33.4	9.40	31.4	8.76	30.4	8.45	29.3	8.14	27.3	7.53
		5.0	4.1	35.4	9.49	33.4	8.89	31.4	8.29	30.4	8.00	29.3	7.71	27.3	7.14
		7.0	6.0	35.4	8.98	33.4	8.41	31.4	7.85	30.4	7.58	29.3	7.31	27.3	6.78
		9.0	7.9	35.4	8.49	33.4	7.96	31.4	7.44	30.4	7.18	29.3	6.93	27.3	6.43
		11.0	9.8	35.4	8.04	33.4	7.55	31.4	7.06	30.4	6.82	29.3	6.58	27.3	6.12
		13.0	11.8	35.4	7.61	33.4	7.14	31.4	6.69	30.4	6.46	29.3	6.24	27.3	5.81
		15.0	13.7	35.4	7.22	33.4	6.79	31.4	6.36	30.4	6.15	29.3	5.94	27.3	5.53
60	26.88	-19.8	-20.0	24.0	10.7	23.9	11.0	23.9	11.3	23.8	11.4	23.8	11.5	23.4	11.5
		-18.8	-19.0	24.4	10.8	24.4	11.1	24.3	11.4	24.3	11.5	24.3	11.6	23.4	11.3
		-16.7	-17.0	25.4	11.0	25.3	11.3	25.3	11.5	25.3	11.7	25.2	11.7	23.4	10.8
		-13.7	-15.0	26.5	11.2	26.4	11.4	26.4	11.7	26.0	11.6	25.2	11.1	23.4	10.24
		-11.8	-13.0	27.7	11.4	27.6	11.6	26.9	11.4	26.0	11.0	25.2	10.6	23.4	9.73
		-9.8	-11.0	29.0	11.6	28.6	11.6	26.9	10.8	26.0	10.40	25.2	10.00	23.4	9.22
		-9.5	-10.0	29.6	11.7	28.6	11.3	26.9	10.50	26.0	10.11	25.2	9.72	23.4	8.97
		-8.5	-9.1	30.3	11.8	28.6	11.0	26.9	10.23	26.0	9.86	25.2	9.48	23.4	8.75
		-7.0	-7.6	30.3	11.3	28.6	10.54	26.9	9.80	26.0	9.44	25.2	9.09	23.4	8.39
		-5.0	-5.6	30.3	10.64	28.6	9.94	26.9	9.25	26.0	8.92	25.2	8.59	23.4	7.94
		-3.0	-3.7	30.3	10.05	28.6	9.40	26.9	8.76	26.0	8.45	25.2	8.14	23.4	7.53
		0.0	-0.7	30.3	9.19	28.6	8.61	26.9	8.03	26.0	7.75	25.2	7.47	23.4	6.93
		3.0	2.2	30.3	8.44	28.6	7.91	26.9	7.40	26.0	7.14	25.2	6.89	23.4	6.40
		5.0	4.1	30.3	7.99	28.6	7.50	26.9	7.02	26.0	6.78	25.2	6.54	23.4	6.08
		7.0	6.0	30.3	7.57	28.6	7.11	26.9	6.66	26.0	6.44	25.2	6.22	23.4	5.78
		9.0	7.9	30.3	7.18	28.6	6.75	26.9	6.33	26.0	6.12	25.2	5.91	23.4	5.50
		11.0	9.8	30.3	6.82	28.6	6.41	26.9	6.01	26.0	5.82	25.2	5.63	23.4	5.24
		13.0	11.8	30.3	6.46	28.6	6.08	26.9	5.71	26.0	5.53	25.2	5.35	23.4	4.99
		15.0	13.7	30.3	6.15	28.6	5.79	26.9	5.44	26.0	5.27	25.2	5.10	23.4	4.76
50	22.40	-19.8	-20.0	23.8	11.5	23.8	11.8	22.4	11.0	21.7	10.5	21.0	10.1	19.5	9.34
		-18.8	-19.0	24.3	11.6	23.8	11.5	22.4	10.7	21.7	10.3	21.0	9.9	19.5	9.14
		-16.7	-17.0	25.2	11.8	23.8	11.0	22.4	10.2	21.7	9.84	21.0	9.47	19.5	8.74
		-13.7	-15.0	25.3	11.2	23.8	10.5	22.4	9.73	21.7	9.37	21.0	9.02	19.5	8.33
		-11.8	-13.0	25.3	10.6	23.8	9.92	22.4	9.24	21.7	8.91	21.0	8.58	19.5	7.93
		-9.8	-11.0	25.3	10.06	23.8	9.40	22.4	8.76	21.7	8.45	21.0	8.14	19.5	7.53
		-9.5	-10.0	25.3	9.78	23.8	9.15	22.4	8.53	21.7	8.23	21.0	7.93	19.5	7.34
		-8.5	-9.1	25.3	9.54	23.8	8.92	22.4	8.32	21.7	8.03	21.0	7.74	19.5	7.17
		-7.0	-7.6	25.3	9.14	23.8	8.56	22.4	7.99	21.7	7.71	21.0	7.43	19.5	6.89
		-5.0	-5.6	25.3	8.64	23.8	8.09	22.4	7.56	21.7	7.30	21.0	7.04	19.5	6.53
		-3.0	-3.7	25.3	8.18	23.8	7.67	22.4	7.18	21.7	6.93	21.0	6.69	19.5	6.21
		0.0	-0.7	25.3	7.51	23.8	7.06	22.4	6.61	21.7	6.39	21.0	6.17	19.5	5.74
		3.0	2.2	25.3	6.93	23.8	6.52	22.4	6.11	21.7	5.91	21.0	5.71	19.5	5.32
		5.0	4.1	25.3	6.58	23.8	6.19	22.4	5.81	21.7	5.62	21.0	5.44	19.5	5.07
		7.0	6.0	25.3	6.25	23.8	5.88	22.4	5.53	21.7	5.35	21.0	5.18	19.5	4.84
		9.0	7.9	25.3	5.94	23.8	5.60	22.4	5.27	21.7	5.10	21.0	4.94	19.5	4.62
		11.0	9.8	25.3	5.65	23.8	5.33	22.4	5.02	21.7	4.87	21.0	4.71	19.5	4.41
		13.0	11.8	25.3	5.37	23.8	5.07	22.4	4.78	21.7	4.63	21.0	4.49	19.5	4.21
		15.0	13.7	25.3	5.13	23.8	4.84	22.4	4.57	21.7	4.43	21.0	4.29	19.5	4.03

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

- is shown as reference.
dient als Verweis.
Η είναι ενδεικτική.
se muestra como referencia.
est montré comme référence.
valori riportati unicamente come riferimento.
is als referentie getoond.
показан как.
referans olarak gösterilmektedir.
- The above table shows the average value of conditions which may occur.
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
Σ

6 Capacity tables

6 - 2 Heating Capacity Tables

RXYCQ18A

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

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120%	60.48	-19.8	-20.0	27.9	6.94	27.8	7.58	27.7	8.22	27.6	8.54	27.6	8.86	27.5	9.50
		-18.8	-19.0	28.4	7.16	28.3	7.78	28.2	8.41	28.1	8.72	28.1	9.03	28.0	9.66
		-16.7	-17.0	29.5	7.59	29.4	8.19	29.3	8.80	29.2	9.10	29.2	9.40	29.1	10.00
		-13.7	-15.0	30.7	8.04	30.6	8.62	30.5	9.19	30.4	9.48	30.4	9.77	30.3	10.3
		-11.8	-13.0	32.0	8.49	31.9	9.04	31.8	9.59	31.8	9.87	31.7	10.1	31.6	10.7
		-9.8	-11.0	33.5	8.94	33.4	9.47	33.3	9.99	33.2	10.3	33.2	10.5	33.1	11.0
		-9.5	-10.0	34.3	9.16	34.2	9.68	34.1	10.2	34.0	10.4	34.0	10.7	33.9	11.2
		-8.5	-9.1	35.0	9.36	34.9	9.86	34.8	10.4	34.7	10.6	34.7	10.9	34.6	11.4
		-7.0	-7.6	36.3	9.69	36.2	10.2	36.1	10.7	36.0	10.9	36.0	11.1	35.8	11.6
		-5.0	-5.6	38.1	10.1	38.0	10.6	37.9	11.0	37.8	11.3	37.7	11.5	37.6	11.9
		-3.0	-3.7	39.9	10.5	39.8	10.9	39.7	11.4	39.6	11.6	39.6	11.8	39.5	12.2
		0.0	-0.7	43.0	11.1	42.9	11.5	42.8	11.9	42.7	12.1	42.7	12.3	42.6	12.7
		3.0	2.2	46.2	11.6	46.1	12.0	46.0	12.4	46.0	12.5	45.9	12.7	45.8	13.1
		5.0	4.1	48.5	11.9	48.4	12.3	48.3	12.6	48.2	12.8	48.2	13.0	48.1	13.4
		7.0	6.0	50.9	12.2	50.8	12.6	50.7	12.9	50.6	13.1	50.6	13.3	50.5	13.6
		9.0	7.9	53.4	12.5	53.3	12.9	53.2	13.2	53.1	13.3	53.1	13.5	52.7	13.7
		11.0	9.8	56.0	12.8	55.9	13.1	55.8	13.4	55.7	13.6	55.7	13.7	52.7	12.9
		13.0	11.8	58.9	13.1	58.7	13.4	58.6	13.7	58.5	13.8	58.6	13.3	52.7	12.2
		15.0	13.7	61.7	13.3	61.6	13.6	60.5	13.5	58.5	13.0	56.6	12.5	52.7	11.5
110%	55.44	-19.8	-20.0	27.7	7.88	27.6	8.46	27.5	9.05	27.5	9.34	27.4	9.63	27.4	10.22
		-18.8	-19.0	28.2	8.07	28.1	8.65	28.0	9.22	28.0	9.51	27.9	9.79	27.9	10.37
		-16.7	-17.0	29.3	8.47	29.2	9.02	29.1	9.58	29.1	9.85	29.0	10.13	28.9	10.7
		-13.7	-15.0	30.5	8.88	30.5	9.41	30.4	9.94	30.3	10.20	30.3	10.5	30.2	11.0
		-11.8	-13.0	31.9	9.30	31.8	9.80	31.7	10.3	31.6	10.6	31.6	10.8	31.5	11.3
		-9.8	-11.0	33.3	9.71	33.3	10.2	33.2	10.7	33.1	10.9	33.1	11.2	33.0	11.6
		-9.5	-10.0	34.1	9.91	34.0	10.4	33.9	10.9	33.9	11.1	33.8	11.3	33.7	11.8
		-8.5	-9.1	34.8	10.1	34.8	10.6	34.7	11.0	34.6	11.2	34.6	11.5	34.5	11.9
		-7.0	-7.6	36.1	10.4	36.0	10.8	35.9	11.3	35.9	11.5	35.8	11.7	35.7	12.2
		-5.0	-5.6	37.9	10.8	37.8	11.2	37.7	11.6	37.7	11.8	37.6	12.0	37.5	12.5
		-3.0	-3.7	39.7	11.1	39.6	11.5	39.5	11.9	39.5	12.1	39.4	12.3	39.3	12.7
		0.0	-0.7	42.8	11.7	42.7	12.0	42.6	12.4	42.6	12.6	42.5	12.8	42.4	13.2
		3.0	2.2	46.1	12.2	46.0	12.5	45.9	12.8	45.8	13.0	45.8	13.2	45.7	13.5
		5.0	4.1	48.3	12.5	48.3	12.8	48.2	13.1	48.1	13.3	48.1	13.4	48.0	13.8
		7.0	6.0	50.7	12.7	50.6	13.0	50.5	13.4	50.5	13.5	50.4	13.7	48.3	13.1
		9.0	7.9	53.2	13.0	53.1	13.3	53.0	13.6	53.0	13.7	51.9	13.5	48.3	12.4
		11.0	9.8	55.8	13.3	55.7	13.5	55.4	13.7	53.7	13.2	51.9	12.7	48.3	11.7
		13.0	11.8	58.7	13.5	58.6	13.8	55.4	12.9	53.7	12.4	51.9	12.0	48.3	11.0
		15.0	13.7	61.5	13.7	59.0	13.1	55.4	12.2	53.7	11.8	51.9	11.3	48.3	10.4
100%	50.40	-19.8	-20.0	27.6	8.81	27.5	9.34	27.4	9.88	27.4	10.14	27.3	10.41	27.2	10.9
		-18.8	-19.0	28.1	8.99	28.0	9.51	27.9	10.03	27.9	10.29	27.8	10.55	27.7	11.1
		-16.7	-17.0	29.2	9.35	29.1	9.85	29.0	10.36	29.0	10.6	28.9	10.9	28.8	11.4
		-13.7	-15.0	30.4	9.73	30.3	10.21	30.2	10.7	30.2	10.9	30.1	11.2	30.0	11.6
		-11.8	-13.0	31.7	10.10	31.6	10.6	31.6	11.0	31.5	11.3	31.5	11.5	31.4	11.9
		-9.8	-11.0	33.2	10.5	33.1	10.9	33.0	11.4	33.0	11.6	32.9	11.8	32.8	12.2
		-9.5	-10.0	34.0	10.7	33.9	11.1	33.8	11.5	33.7	11.7	33.7	11.9	33.6	12.4
		-8.5	-9.1	34.7	10.8	34.6	11.2	34.5	11.7	34.5	11.9	34.4	12.1	34.3	12.5
		-7.0	-7.6	36.0	11.1	35.9	11.5	35.8	11.9	35.7	12.1	35.7	12.3	35.6	12.7
		-5.0	-5.6	37.8	11.5	37.7	11.8	37.6	12.2	37.5	12.4	37.5	12.6	37.4	13.0
		-3.0	-3.7	39.6	11.8	39.5	12.1	39.4	12.5	39.3	12.7	39.3	12.9	39.2	13.2
		0.0	-0.7	42.7	12.3	42.6	12.6	42.5	12.9	42.4	13.1	42.4	13.3	42.3	13.6
		3.0	2.2	45.9	12.7	45.8	13.0	45.7	13.3	45.7	13.5	45.7	13.6	43.9	13.2
		5.0	4.1	48.2	13.0	48.1	13.3	48.0	13.6	48.0	13.7	47.2	13.5	43.9	12.4
		7.0	6.0	50.6	13.2	50.5	13.5	50.4	13.8	48.8	13.3	47.2	12.8	43.9	11.7
		9.0	7.9	53.1	13.5	53.0	13.7	50.4	13.0	48.8	12.5	47.2	12.0	43.9	11.1
		11.0	9.8	55.7	13.7	53.6	13.2	50.4	12.3	48.8	11.8	47.2	11.4	43.9	10.5
		13.0	11.8	56.9	13.3	53.6	12.4	50.4	11.6	48.8	11.1	47.2	10.7	43.9	9.9
		15.0	13.7	56.9	12.6	53.6	11.8	50.4	11.0	48.8	10.6	47.2	10.2	43.9	9.39
90%	45.36	-19.8	-20.0	27.4	9.75	27.4	10.22	27.3	10.70	27.2	10.9	27.2	11.2	27.1	11.7
		-18.8	-19.0	27.9	9.91	27.9	10.37	27.8	10.8	27.7	11.1	27.7	11.3	27.6	11.8
		-16.7	-17.0	29.0	10.23	28.9	10.7	28.9	11.1	28.8	11.4	28.8	11.6	28.7	12.0
		-13.7	-15.0	30.2	10.6	30.2	11.0	30.1	11.4	30.0	11.7	30.0	11.9	29.9	12.3
		-11.8	-13.0	31.6	10.9	31.5	11.3	31.4	11.7	31.4	11.9	31.3	12.1	31.3	12.6
		-9.8	-11.0	33.0	11.2	33.0	11.6	32.9	12.0	32.8	12.2	32.8	12.4	32.7	12.8
		-9.5	-10.0	33.8	11.4	33.7	11.8	33.7	12.2	33.6	12.4	33.6	12.6	33.5	13.0
		-8.5	-9.1	34.5	11.6	34.5	11.9	34.4	12.3	34.3	12.5	34.3	12.7	34.2	13.1
		-7.0	-7.6	35.8	11.8	35.7	12.2	35.6	12.5	35.6	12.7	35.6	12.9	35.5	13.3
		-5.0	-5.6	37.6	12.1	37.5	12.5	37.4	12.8	37.4	13.0	37.4	13.2	37.3	13.5
		-3.0	-3.7	39.4	12.4	39.3	12.7	39.3	13.1	39.2	13.2	39.2	13.4	39.1	13.7
		0.0	-0.7	42.5	12.9	42.4	13.2	42.3	13.5	42.3	13.6	42.3	13.8	39.5	12.7
		3.0	2.2	45.8	13.3	45.7	13.5	45.4	13.7	43.9	13.2	42.4	12.7	39.5	11.7
		5.0	4.1	48.0	13.5	48.0	13.8	45.4	12.9	43.9	12.4	42.4	12.0	39.5	11.0
		7.0	6.0	50.4	13.7	48.3	13.1	45.4	12.2	43.9	11.7	42.4	11.3	39.5	10.4
		9.0	7.9	51.2	13.3	48.3	12.4	45.4	11.5	43.9	11.1	42.4	10.7	39.5	9.85
		11.0	9.8	51.2	12.5	48.3	11.7	45.4	10.9	43.9	10.5	42.4	10.1	39.5	9.33
		13.0	11.8	51.2	11.8	48.3	11.0	45.4	10.3	43.9	9.9	42.4	9.54	39.5	8.83
		15.0	13.7	51.2	11.1	48.3	10.4	45.4	9.7	43.9	9.39	42.4	9.05	39.5	8.38

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6 Capacity tables

6 - 2 Heating Capacity Tables

6

RXYCQ18A

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

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
80	40.32	°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
		-19.8	-20.0	27.3	10.68	27.2	11.1	27.1	11.5	27.1	11.7	27.1	12.0	27.0	12.4
		-18.8	-19.0	27.8	10.8	27.7	11.2	27.6	11.7	27.6	11.9	27.6	12.1	27.5	12.5
		-16.7	-17.0	28.9	11.1	28.8	11.5	28.7	11.9	28.7	12.1	28.7	12.3	28.6	12.7
		-13.7	-15.0	30.1	11.4	30.0	11.8	29.9	12.2	29.9	12.4	29.9	12.6	29.8	12.9
		-11.8	-13.0	31.4	11.7	31.3	12.1	31.3	12.4	31.2	12.6	31.2	12.8	31.1	13.2
		-9.8	-11.0	32.9	12.0	32.8	12.4	32.7	12.7	32.7	12.9	32.7	13.1	32.6	13.4
		-9.5	-10.0	33.7	12.2	33.6	12.5	33.5	12.8	33.5	13.0	33.4	13.2	33.4	13.5
		-8.5	-9.1	34.4	12.3	34.3	12.6	34.2	13.0	34.2	13.1	34.2	13.3	34.1	13.6
		-7.0	-7.6	35.6	12.5	35.6	12.8	35.5	13.2	35.5	13.3	35.4	13.5	35.1	13.7
		-5.0	-5.6	37.4	12.8	37.4	13.1	37.3	13.4	37.3	13.6	37.2	13.7	35.1	12.9
		-3.0	-3.7	39.3	13.1	39.2	13.4	39.1	13.6	39.0	13.8	37.7	13.2	35.1	12.2
		0.0	-0.7	42.4	13.5	42.3	13.7	40.3	13.0	39.0	12.5	37.7	12.1	35.1	11.1
		3.0	2.2	45.5	13.8	42.9	12.8	40.3	11.9	39.0	11.5	37.7	11.1	35.1	10.20
		5.0	4.1	45.5	13.0	42.9	12.1	40.3	11.3	39.0	10.9	37.7	10.45	35.1	9.65
		7.0	6.0	45.5	12.2	42.9	11.4	40.3	10.6	39.0	10.26	37.7	9.88	35.1	9.14
		9.0	7.9	45.5	11.6	42.9	10.8	40.3	10.07	39.0	9.71	37.7	9.36	35.1	8.66
		11.0	9.8	45.5	10.9	42.9	10.2	40.3	9.54	39.0	9.20	37.7	8.87	35.1	8.22
		13.0	11.8	45.5	10.3	42.9	9.65	40.3	9.02	39.0	8.71	37.7	8.40	35.1	7.79
		15.0	13.7	45.5	9.8	42.9	9.16	40.3	8.56	39.0	8.27	37.7	7.98	35.1	7.41
70	35.28	-19.8	-20.0	27.1	11.6	27.1	12.0	27.0	12.4	27.0	12.5	26.9	12.7	26.9	13.1
		-18.8	-19.0	27.6	11.7	27.6	12.1	27.5	12.5	27.5	12.7	27.4	12.8	27.4	13.2
		-16.7	-17.0	28.7	12.0	28.6	12.3	28.6	12.7	28.6	12.9	28.5	13.0	28.5	13.4
		-13.7	-15.0	29.9	12.3	29.9	12.6	29.8	12.9	29.8	13.1	29.7	13.3	29.7	13.6
		-11.8	-13.0	31.3	12.5	31.2	12.8	31.1	13.2	31.1	13.3	31.1	13.5	30.7	13.6
		-9.8	-11.0	32.7	12.8	32.7	13.1	32.6	13.4	32.6	13.6	32.5	13.7	30.7	12.9
		-9.5	-10.0	33.5	12.9	33.4	13.2	33.4	13.5	33.3	13.7	33.0	13.6	30.7	12.5
		-8.5	-9.1	34.2	13.0	34.2	13.3	34.1	13.6	34.1	13.8	33.0	13.3	30.7	12.2
		-7.0	-7.6	35.5	13.2	35.4	13.5	35.3	13.7	34.1	13.2	33.0	12.7	30.7	11.7
		-5.0	-5.6	37.3	13.5	37.2	13.7	35.3	12.9	34.1	12.4	33.0	12.0	30.7	11.03
		-3.0	-3.7	39.1	13.7	37.5	13.1	35.3	12.2	34.1	11.8	33.0	11.3	30.7	10.44
		0.0	-0.7	39.8	12.8	37.5	12.0	35.3	11.2	34.1	10.76	33.0	10.36	30.7	9.57
		3.0	2.2	39.8	11.8	37.5	11.0	35.3	10.25	34.1	9.88	33.0	9.52	30.7	8.81
		5.0	4.1	39.8	11.1	37.5	10.39	35.3	9.69	34.1	9.35	33.0	9.01	30.7	8.35
		7.0	6.0	39.8	10.5	37.5	9.83	35.3	9.18	34.1	8.86	33.0	8.54	30.7	7.92
		9.0	7.9	39.8	9.93	37.5	9.31	35.3	8.70	34.1	8.40	33.0	8.11	30.7	7.53
		11.0	9.8	39.8	9.41	37.5	8.83	35.3	8.26	34.1	7.98	33.0	7.70	30.7	7.15
		13.0	11.8	39.8	8.90	37.5	8.35	35.3	7.82	34.1	7.56	33.0	7.30	30.7	6.79
		15.0	13.7	39.8	8.45	37.5	7.94	35.3	7.44	34.1	7.19	33.0	6.95	30.7	6.47
60	30.24	-19.8	-20.0	27.0	12.5	26.9	12.9	26.9	13.2	26.8	13.3	26.8	13.5	26.4	13.5
		-18.8	-19.0	27.5	12.7	27.4	13.0	27.4	13.3	27.3	13.4	27.3	13.6	26.4	13.2
		-16.7	-17.0	28.6	12.9	28.5	13.2	28.4	13.5	28.4	13.6	28.3	13.7	26.4	12.6
		-13.7	-15.0	29.8	13.1	29.7	13.4	29.7	13.7	29.3	13.6	28.3	13.0	26.4	12.0
		-11.8	-13.0	31.1	13.3	31.1	13.6	30.2	13.4	29.3	12.8	28.3	12.3	26.4	11.4
		-9.8	-11.0	32.6	13.6	32.2	13.6	30.2	12.6	29.3	12.2	28.3	11.7	26.4	10.78
		-9.5	-10.0	33.3	13.7	32.2	13.2	30.2	12.3	29.3	11.8	28.3	11.4	26.4	10.49
		-8.5	-9.1	34.1	13.8	32.2	12.9	30.2	12.0	29.3	11.5	28.3	11.1	26.4	10.23
		-7.0	-7.6	34.1	13.2	32.2	12.3	30.2	11.5	29.3	11.04	28.3	10.63	26.4	9.82
		-5.0	-5.6	34.1	12.4	32.2	11.6	30.2	10.82	29.3	10.43	28.3	10.04	26.4	9.28
		-3.0	-3.7	34.1	11.8	32.2	10.99	30.2	10.24	29.3	9.88	28.3	9.52	26.4	8.81
		0.0	-0.7	34.1	10.75	32.2	10.07	30.2	9.40	29.3	9.07	28.3	8.74	26.4	8.10
		3.0	2.2	34.1	9.87	32.2	9.26	30.2	8.65	29.3	8.36	28.3	8.06	26.4	7.48
		5.0	4.1	34.1	9.35	32.2	8.77	30.2	8.20	29.3	7.93	28.3	7.65	26.4	7.11
		7.0	6.0	34.1	8.86	32.2	8.32	30.2	7.79	29.3	7.53	28.3	7.27	26.4	6.76
		9.0	7.9	34.1	8.40	32.2	7.89	30.2	7.40	29.3	7.15	28.3	6.91	26.4	6.44
		11.0	9.8	34.1	7.97	32.2	7.50	30.2	7.03	29.3	6.81	28.3	6.58	26.4	6.13
		13.0	11.8	34.1	7.56	32.2	7.11	30.2	6.68	29.3	6.46	28.3	6.25	26.4	5.83
		15.0	13.7	34.1	7.19	32.2	6.77	30.2	6.37	29.3	6.16	28.3	5.96	26.4	5.57
50	25.20	-19.8	-20.0	26.8	13.5	26.8	13.7	25.2	12.8	24.4	12.3	23.6	11.9	22.0	10.9
		-18.8	-19.0	27.3	13.6	26.8	13.5	25.2	12.5	24.4	12.1	23.6	11.6	22.0	10.7
		-16.7	-17.0	28.4	13.8	26.8	12.9	25.2	12.0	24.4	11.5	23.6	11.1	22.0	10.22
		-13.7	-15.0	28.4	13.1	26.8	12.2	25.2	11.4	24.4	11.0	23.6	10.55	22.0	9.74
		-11.8	-13.0	28.4	12.4	26.8	11.6	25.2	10.81	24.4	10.42	23.6	10.03	22.0	9.27
		-9.8	-11.0	28.4	11.8	26.8	11.0	25.2	10.25	24.4	9.88	23.6	9.52	22.0	8.81
		-9.5	-10.0	28.4	11.4	26.8	10.70	25.2	9.98	24.4	9.62	23.6	9.27	22.0	8.58
		-8.5	-9.1	28.4	11.2	26.8	10.44	25.2	9.74	24.4	9.39	23.6	9.05	22.0	8.38
		-7.0	-7.6	28.4	10.69	26.8	10.01	25.2	9.34	24.4	9.02	23.6	8.69	22.0	8.06
		-5.0	-5.6	28.4	10.10	26.8	9.46	25.2	8.84	24.4	8.54	23.6	8.24	22.0	7.64
		-3.0	-3.7	28.4	9.57	26.8	8.97	25.2	8.39	24.4	8.11	23.6	7.82	22.0	7.27
		0.0	-0.7	28.4	8.79	26.8	8.25	25.2	7.73	24.4	7.47	23.6	7.22	22.0	6.71
		3.0	2.2	28.4	8.10	26.8	7.62	25.2	7.15	24.4	6.91	23.6	6.68	22.0	6.23
		5.0	4.1	28.4	7.69	26.8	7.24	25.2	6.80	24.4	6.58	23.6	6.36	22.0	5.93
		7.0	6.0	28.4	7.31	26.8	6.88	25.2	6.47	24.4	6.26	23.6	6.06	22.0	5.66
		9.0	7.9	28.4	6.95	26.8	6.55	25.2	6.16	24.4	5.97	23.6	5.77	22.0	5.40
		11.0	9.8	28.4	6.61	26.8	6.24	25.2	5.87	24.4	5.69	23.6	5.51	22.0	5.16
		13.0	11.8	28.4	6.28	26.8	5.93	25.2	5.59	24.4	5.42	23.6	5.25	22.0	4.92
		15.0	13.7	28.4	5.99	26.8	5.67	25.2	5.34	24.4	5.18	23.6	5.02	22.0	4.71

4D080759(2)

NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

- is shown as reference.
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Η είναι ενδεικτική.
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- The above table shows the average value of conditions which may

6 Capacity tables

6 - 2 Heating Capacity Tables

RXYCQ20A

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

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
120%	67.20	-19.8	-20.0	31.0	8.00	30.9	8.73	30.8	9.46	30.7	9.8	30.6	10.2	30.5	10.9
		-18.8	-19.0	31.6	8.24	31.4	8.96	31.3	9.7	31.3	10.0	31.2	10.4	31.1	11.1
		-16.7	-17.0	32.8	8.75	32.6	9.4	32.5	10.1	32.5	10.5	32.4	10.8	32.3	11.5
		-13.7	-15.0	34.1	9.3	34.0	9.9	33.9	10.6	33.8	10.9	33.8	11.3	33.6	11.9
		-11.8	-13.0	35.6	9.8	35.5	10.4	35.4	11.1	35.3	11.4	35.2	11.7	35.1	12.3
		-9.8	-11.0	37.2	10.3	37.1	10.9	37.0	11.5	36.9	11.8	36.9	12.1	36.8	12.7
		-9.5	-10.0	38.1	10.6	38.0	11.2	37.9	11.8	37.8	12.1	37.7	12.4	37.6	12.9
		-8.5	-9.1	38.9	10.8	38.8	11.4	38.7	12.0	38.6	12.3	38.5	12.5	38.4	13.1
		-7.0	-7.6	40.3	11.2	40.2	11.7	40.1	12.3	40.0	12.6	39.9	12.9	39.8	13.4
		-5.0	-5.6	42.3	11.7	42.2	12.2	42.1	12.7	42.0	13.0	41.9	13.3	41.8	13.8
		-3.0	-3.7	44.3	12.1	44.2	12.6	44.1	13.2	44.0	13.4	44.0	13.7	43.8	14.2
		0.0	-0.7	47.8	12.8	47.6	13.3	47.5	13.8	47.5	14.0	47.4	14.2	47.3	14.7
		3.0	2.2	51.4	13.4	51.3	13.9	51.1	14.3	51.1	14.5	51.0	14.7	50.9	15.2
		5.0	4.1	53.9	13.8	53.8	14.2	53.7	14.7	53.6	14.9	53.5	15.1	53.4	15.5
		7.0	6.0	56.5	14.2	56.4	14.6	56.3	15.0	56.2	15.2	56.2	15.4	56.1	15.8
		9.0	7.9	59.3	14.5	59.2	14.9	59.1	15.3	59.0	15.5	59.0	15.7	58.6	15.9
		11.0	9.8	62.2	14.9	62.1	15.2	62.0	15.6	61.9	15.8	61.9	15.9	58.6	15.0
		13.0	11.8	65.4	15.2	65.3	15.5	65.2	15.9	65.0	16.0	62.9	15.4	58.6	14.2
		15.0	13.7	68.5	15.5	68.4	15.8	67.2	15.7	65.0	15.1	62.9	14.5	58.6	13.4
110%	61.60	-19.8	-20.0	30.8	9.07	30.7	9.7	30.6	10.4	30.6	10.8	30.5	11.1	30.4	11.8
		-18.8	-19.0	31.4	9.30	31.3	10.0	31.2	10.6	31.1	10.9	31.1	11.3	30.9	11.9
		-16.7	-17.0	32.6	9.8	32.5	10.4	32.4	11.0	32.3	11.4	32.3	11.7	32.2	12.3
		-13.7	-15.0	33.9	10.2	33.8	10.9	33.7	11.5	33.7	11.8	33.6	12.1	33.5	12.7
		-11.8	-13.0	35.4	10.7	35.3	11.3	35.2	11.9	35.2	12.2	35.1	12.5	35.0	13.1
		-9.8	-11.0	37.1	11.2	36.9	11.8	36.8	12.3	36.8	12.6	36.7	12.9	36.6	13.4
		-9.5	-10.0	37.9	11.4	37.8	12.0	37.7	12.5	37.6	12.8	37.6	13.1	37.5	13.6
		-8.5	-9.1	38.7	11.7	38.6	12.2	38.5	12.7	38.5	13.0	38.4	13.2	38.3	13.8
		-7.0	-7.6	40.1	12.0	40.0	12.5	39.9	13.0	39.9	13.3	39.8	13.5	39.7	14.1
		-5.0	-5.6	42.1	12.5	42.0	12.9	41.9	13.4	41.8	13.7	41.8	13.9	41.7	14.4
		-3.0	-3.7	44.1	12.9	44.0	13.3	43.9	13.8	43.9	14.0	43.8	14.3	43.7	14.7
		0.0	-0.7	47.6	13.5	47.5	13.9	47.4	14.4	47.3	14.6	47.3	14.8	47.1	15.2
		3.0	2.2	51.2	14.1	51.1	14.5	51.0	14.9	50.9	15.1	50.9	15.3	50.8	15.7
		5.0	4.1	53.7	14.4	53.6	14.8	53.5	15.2	53.5	15.4	53.4	15.6	53.3	15.9
		7.0	6.0	56.4	14.8	56.3	15.1	56.2	15.5	56.1	15.7	56.0	15.8	53.7	15.2
		9.0	7.9	59.1	15.1	59.0	15.4	58.9	15.8	58.9	15.9	57.6	15.6	53.7	14.4
		11.0	9.8	62.0	15.4	61.9	15.7	61.6	16.0	59.6	15.3	57.6	14.7	53.7	13.6
		13.0	11.8	65.2	15.7	65.1	16.0	61.6	15.0	59.6	14.5	57.6	13.9	53.7	12.8
		15.0	13.7	68.4	16.0	65.6	15.3	61.6	14.2	59.6	13.7	57.6	13.2	53.7	12.1
100%	56.00	-19.8	-20.0	30.7	10.1	30.6	10.8	30.5	11.4	30.4	11.7	30.4	12.0	30.3	12.6
		-18.8	-19.0	31.2	10.4	31.1	11.0	31.0	11.6	31.0	11.9	30.9	12.2	30.8	12.8
		-16.7	-17.0	32.4	10.8	32.3	11.4	32.2	11.9	32.2	12.2	32.1	12.5	32.0	13.1
		-13.7	-15.0	33.8	11.2	33.7	11.8	33.6	12.3	33.5	12.6	33.5	12.9	33.4	13.4
		-11.8	-13.0	35.3	11.7	35.2	12.2	35.1	12.7	35.0	13.0	35.0	13.2	34.9	13.8
		-9.8	-11.0	36.9	12.1	36.8	12.6	36.7	13.1	36.6	13.4	36.6	13.6	36.5	14.1
		-9.5	-10.0	37.7	12.3	37.6	12.8	37.5	13.3	37.5	13.5	37.4	13.8	37.3	14.3
		-8.5	-9.1	38.5	12.5	38.5	13.0	38.4	13.5	38.3	13.7	38.3	14.0	38.2	14.4
		-7.0	-7.6	40.0	12.8	39.9	13.3	39.8	13.8	39.7	14.0	39.7	14.2	39.6	14.7
		-5.0	-5.6	41.9	13.2	41.8	13.7	41.7	14.1	41.7	14.3	41.7	14.6	41.6	15.0
		-3.0	-3.7	44.0	13.6	43.9	14.0	43.8	14.5	43.7	14.7	43.7	14.9	43.6	15.3
		0.0	-0.7	47.4	14.2	47.3	14.6	47.2	15.0	47.2	15.2	47.1	15.4	47.0	15.8
		3.0	2.2	51.0	14.7	50.9	15.1	50.8	15.4	50.8	15.6	50.7	15.8	48.8	15.3
		5.0	4.1	53.5	15.0	53.4	15.4	53.4	15.7	53.3	15.9	52.4	15.7	48.8	14.4
		7.0	6.0	56.2	15.3	56.1	15.7	56.0	16.0	54.2	15.4	52.4	14.8	48.8	13.6
		9.0	7.9	59.0	15.6	58.9	15.9	56.0	15.1	54.2	14.5	52.4	14.0	48.8	12.9
		11.0	9.8	61.9	15.9	59.6	15.3	56.0	14.3	54.2	13.7	52.4	13.2	48.8	12.2
		13.0	11.8	63.2	15.5	59.6	14.4	56.0	13.4	54.2	12.9	52.4	12.5	48.8	11.5
		15.0	13.7	63.2	14.6	59.6	13.7	56.0	12.7	54.2	12.3	52.4	11.8	48.8	10.9
90%	50.40	-19.8	-20.0	30.5	11.2	30.4	11.8	30.3	12.3	30.3	12.6	30.2	12.9	30.1	13.4
		-18.8	-19.0	31.0	11.4	30.9	11.9	30.9	12.5	30.8	12.8	30.8	13.0	30.7	13.6
		-16.7	-17.0	32.2	11.8	32.2	12.3	32.1	12.8	32.0	13.1	32.0	13.4	31.9	13.9
		-13.7	-15.0	33.6	12.2	33.5	12.7	33.4	13.2	33.4	13.4	33.3	13.7	33.2	14.2
		-11.8	-13.0	35.1	12.6	35.0	13.1	34.9	13.5	34.9	13.8	34.8	14.0	34.7	14.5
		-9.8	-11.0	36.7	13.0	36.6	13.4	36.5	13.9	36.5	14.1	36.4	14.3	36.4	14.8
		-9.5	-10.0	37.6	13.2	37.5	13.6	37.4	14.1	37.3	14.3	37.3	14.5	37.2	15.0
		-8.5	-9.1	38.4	13.4	38.3	13.8	38.2	14.2	38.2	14.4	38.1	14.7	38.0	15.1
		-7.0	-7.6	39.8	13.6	39.7	14.1	39.6	14.5	39.6	14.7	39.5	14.9	39.4	15.3
		-5.0	-5.6	41.8	14.0	41.7	14.4	41.6	14.8	41.6	15.0	41.5	15.2	41.4	15.6
		-3.0	-3.7	43.8	14.4	43.7	14.7	43.6	15.1	43.6	15.3	43.5	15.5	43.4	15.9
		0.0	-0.7	47.2	14.9	47.1	15.2	47.1	15.6	47.0	15.8	47.0	15.9	43.9	14.7
		3.0	2.2	50.8	15.4	50.8	15.7	50.4	15.9	48.8	15.3	47.2	14.7	43.9	13.5
		5.0	4.1	53.4	15.6	53.3	16.0	50.4	15.0	48.8	14.4	47.2	13.9	43.9	12.8
		7.0	6.0	56.0	15.9	53.6	15.2	50.4	14.1	48.8	13.6	47.2	13.1	43.9	12.1
		9.0	7.9	56.9	15.4	53.6	14.3	50.4	13.4	48.8	12.9	47.2	12.4	43.9	11.4
		11.0	9.8	56.9	14.5	53.6	13.6	50.4	12.6	48.8	12.2	47.2	11.7	43.9	10.8
		13.0	11.8	56.9	13.7	53.6	12.8	50.4	11.9	48.8	11.5	47.2	11.1	43.9	10.3
		15.0	13.7	56.9	13.0	53.6	12.1	50.4	11.3	48.8	10.9	47.2	10.5	43.9	9.74

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6 Capacity tables

6 - 2 Heating Capacity Tables

RXYCQ20A

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

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80	44.80	-19.8	-20.0	30.3	12.3	30.2	12.8	30.1	13.3	30.1	13.5	30.1	13.8	30.0	14.3
		-18.8	-19.0	30.9	12.5	30.8	12.9	30.7	13.4	30.7	13.7	30.6	13.9	30.5	14.4
		-16.7	-17.0	32.1	12.8	32.0	13.3	31.9	13.7	31.9	14.0	31.8	14.2	31.8	14.7
		-13.7	-15.0	33.4	13.2	33.3	13.6	33.3	14.0	33.2	14.3	33.2	14.5	33.1	14.9
		-11.8	-13.0	34.9	13.5	34.8	13.9	34.8	14.4	34.7	14.6	34.7	14.8	34.6	15.2
		-9.8	-11.0	36.5	13.9	36.5	14.3	36.4	14.7	36.3	14.9	36.3	15.1	36.2	15.5
		-9.5	-10.0	37.4	14.0	37.3	14.4	37.2	14.8	37.2	15.0	37.2	15.2	37.1	15.6
		-8.5	-9.1	38.2	14.2	38.1	14.6	38.0	15.0	38.0	15.2	38.0	15.4	37.9	15.7
		-7.0	-7.6	39.6	14.5	39.5	14.8	39.5	15.2	39.4	15.4	39.4	15.6	39.0	15.8
		-5.0	-5.6	41.6	14.8	41.5	15.1	41.4	15.5	41.4	15.7	41.4	15.9	39.0	14.9
		-3.0	-3.7	43.6	15.1	43.5	15.4	43.5	15.8	43.4	15.9	41.9	15.3	39.0	14.1
		0.0	-0.7	47.1	15.6	47.0	15.9	44.8	15.1	43.4	14.5	41.9	14.0	39.0	12.9
		3.0	2.2	50.6	15.9	47.7	14.9	44.8	13.8	43.4	13.3	41.9	12.8	39.0	11.8
		5.0	4.1	50.6	15.0	47.7	14.0	44.8	13.1	43.4	12.6	41.9	12.1	39.0	11.2
		7.0	6.0	50.6	14.2	47.7	13.3	44.8	12.3	43.4	11.9	41.9	11.5	39.0	10.6
		9.0	7.9	50.6	13.4	47.7	12.5	44.8	11.7	43.4	11.3	41.9	10.9	39.0	10.05
		11.0	9.8	50.6	12.7	47.7	11.9	44.8	11.1	43.4	10.7	41.9	10.3	39.0	9.54
		13.0	11.8	50.6	12.0	47.7	11.2	44.8	10.5	43.4	10.1	41.9	9.75	39.0	9.04
		15.0	13.7	50.6	11.3	47.7	10.6	44.8	9.9	43.4	9.61	41.9	9.27	39.0	8.61
70	39.20	-19.8	-20.0	30.1	13.4	30.1	13.8	30.0	14.2	30.0	14.4	29.9	14.7	29.9	15.1
		-18.8	-19.0	30.7	13.5	30.6	13.9	30.5	14.4	30.5	14.6	30.5	14.8	30.4	15.2
		-16.7	-17.0	31.9	13.8	31.8	14.2	31.8	14.6	31.7	14.8	31.7	15.0	31.6	15.4
		-13.7	-15.0	33.3	14.1	33.2	14.5	33.1	14.9	33.1	15.1	33.0	15.3	33.0	15.7
		-11.8	-13.0	34.7	14.4	34.7	14.8	34.6	15.2	34.6	15.4	34.5	15.6	34.2	15.7
		-9.8	-11.0	36.4	14.8	36.3	15.1	36.2	15.5	36.2	15.6	36.2	15.8	34.2	14.9
		-9.5	-10.0	37.2	14.9	37.2	15.3	37.1	15.6	37.1	15.8	36.7	15.7	34.2	14.5
		-8.5	-9.1	38.0	15.0	38.0	15.4	37.9	15.7	37.9	15.9	36.7	15.3	34.2	14.1
		-7.0	-7.6	39.4	15.3	39.4	15.6	39.2	15.9	37.9	15.3	36.7	14.7	34.2	13.5
		-5.0	-5.6	41.4	15.6	41.4	15.9	39.2	14.9	37.9	14.4	36.7	13.8	34.2	12.7
		-3.0	-3.7	43.4	15.8	41.7	15.2	39.2	14.1	37.9	13.6	36.7	13.1	34.2	12.1
		0.0	-0.7	44.2	14.9	41.7	13.9	39.2	12.9	37.9	12.5	36.7	12.0	34.2	11.07
		3.0	2.2	44.2	13.6	41.7	12.7	39.2	11.9	37.9	11.4	36.7	11.0	34.2	10.20
		5.0	4.1	44.2	12.9	41.7	12.0	39.2	11.2	37.9	10.8	36.7	10.45	34.2	9.68
		7.0	6.0	44.2	12.2	41.7	11.4	39.2	10.6	37.9	10.27	36.7	9.91	34.2	9.19
		9.0	7.9	44.2	11.5	41.7	10.8	39.2	10.09	37.9	9.75	36.7	9.40	34.2	8.73
		11.0	9.8	44.2	10.9	41.7	10.2	39.2	9.58	37.9	9.26	36.7	8.94	34.2	8.30
		13.0	11.8	44.2	10.3	41.7	9.70	39.2	9.08	37.9	8.78	36.7	8.48	34.2	7.89
		15.0	13.7	44.2	9.8	41.7	9.22	39.2	8.64	37.9	8.36	36.7	8.07	34.2	7.52
60	33.60	-19.8	-20.0	30.0	14.4	29.9	14.8	29.8	15.2	29.8	15.4	29.8	15.5	29.3	15.5
		-18.8	-19.0	30.5	14.6	30.5	14.9	30.4	15.3	30.4	15.5	30.3	15.7	29.3	15.2
		-16.7	-17.0	31.7	14.8	31.7	15.2	31.6	15.5	31.6	15.7	31.4	15.8	29.3	14.5
		-13.7	-15.0	33.1	15.1	33.0	15.4	33.0	15.8	32.5	15.6	31.4	15.0	29.3	13.8
		-11.8	-13.0	34.6	15.4	34.5	15.7	33.6	15.4	32.5	14.8	31.4	14.2	29.3	13.1
		-9.8	-11.0	36.2	15.6	35.8	15.7	33.6	14.6	32.5	14.0	31.4	13.5	29.3	12.4
		-9.5	-10.0	37.1	15.8	35.8	15.3	33.6	14.2	32.5	13.6	31.4	13.1	29.3	12.1
		-8.5	-9.1	37.9	15.9	35.8	14.9	33.6	13.8	32.5	13.3	31.4	12.8	29.3	11.8
		-7.0	-7.6	37.9	15.3	35.8	14.2	33.6	13.2	32.5	12.8	31.4	12.3	29.3	11.34
		-5.0	-5.6	37.9	14.4	35.8	13.4	33.6	12.5	32.5	12.1	31.4	11.6	29.3	10.73
		-3.0	-3.7	37.9	13.6	35.8	12.7	33.6	11.8	32.5	11.42	31.4	11.00	29.3	10.18
		0.0	-0.7	37.9	12.4	35.8	11.6	33.6	10.87	32.5	10.49	31.4	10.12	29.3	9.38
		3.0	2.2	37.9	11.4	35.8	10.72	33.6	10.02	32.5	9.68	31.4	9.34	29.3	8.67
		5.0	4.1	37.9	10.8	35.8	10.16	33.6	9.51	32.5	9.19	31.4	8.87	29.3	8.24
		7.0	6.0	37.9	10.27	35.8	9.64	33.6	9.03	32.5	8.73	31.4	8.43	29.3	7.84
		9.0	7.9	37.9	9.74	35.8	9.16	33.6	8.58	32.5	8.30	31.4	8.02	29.3	7.47
		11.0	9.8	37.9	9.25	35.8	8.70	33.6	8.16	32.5	7.90	31.4	7.64	29.3	7.12
		13.0	11.8	37.9	8.77	35.8	8.26	33.6	7.76	32.5	7.51	31.4	7.26	29.3	6.78
		15.0	13.7	37.9	8.35	35.8	7.87	33.6	7.40	32.5	7.16	31.4	6.93	29.3	6.47
50	28.00	-19.8	-20.0	29.8	15.5	29.7	15.8	28.0	14.7	27.1	14.2	26.2	13.6	24.4	12.6
		-18.8	-19.0	30.3	15.6	29.8	15.5	28.0	14.4	27.1	13.9	26.2	13.4	24.4	12.3
		-16.7	-17.0	31.6	15.8	29.8	14.8	28.0	13.8	27.1	13.3	26.2	12.8	24.4	11.8
		-13.7	-15.0	31.6	15.1	29.8	14.1	28.0	13.1	27.1	12.6	26.2	12.2	24.4	11.23
		-11.8	-13.0	31.6	14.3	29.8	13.4	28.0	12.5	27.1	12.0	26.2	11.57	24.4	10.70
		-9.8	-11.0	31.6	13.6	29.8	12.7	28.0	11.8	27.1	11.41	26.2	10.99	24.4	10.17
		-9.5	-10.0	31.6	13.2	29.8	12.4	28.0	11.52	27.1	11.11	26.2	10.70	24.4	9.91
		-8.5	-9.1	31.6	12.9	29.8	12.1	28.0	11.24	27.1	10.84	26.2	10.45	24.4	9.68
		-7.0	-7.6	31.6	12.3	29.8	11.56	28.0	10.79	27.1	10.42	26.2	10.04	24.4	9.31
		-5.0	-5.6	31.6	11.7	29.8	10.94	28.0	10.22	27.1	9.87	26.2	9.52	24.4	8.83
		-3.0	-3.7	31.6	11.06	29.8	10.38	28.0	9.70	27.1	9.37	26.2	9.05	24.4	8.40
		0.0	-0.7	31.6	10.17	29.8	9.55	28.0	8.95	27.1	8.65	26.2	8.35	24.4	7.77
		3.0	2.2	31.6	9.39	29.8	8.83	28.0	8.28	27.1	8.01	26.2	7.74	24.4	7.21
		5.0	4.1	31.6	8.91	29.8	8.39	28.0	7.87	27.1	7.62	26.2	7.37	24.4	6.87
		7.0	6.0	31.6	8.47	29.8	7.98	28.0	7.50	27.1	7.26	26.2	7.02	24.4	6.56
		9.0	7.9	31.6	8.06	29.8	7.60	28.0	7.14	27.1	6.92	26.2	6.70	24.4	6.26
		11.0	9.8	31.6	7.67	29.8	7.24	28.0	6.81	27.1	6.60	26.2	6.40	24.4	5.98
		13.0	11.8	31.6	7.30	29.8	6.89	28.0	6.49	27.1	6.29	26.2	6.10	24.4	5.71
		15.0	13.7	31.6	6.96	29.8	6.58	28.0	6.21	27.1	6.02	26.2	5.84	24.4	5.47

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - Примечания - NOTLAR

- is shown as reference.
dient als Verweis.
Η είναι ενδεικτική.
se muestra como referencia.
est montré comme référence.
valori riportati unicamente come riferimento.
is als referentie geto

6 Capacity tables

6 - 3 Integrated Heating Capacity Correction Factor

RXYCQ-A

INTEGRATED HEATING CAPACITY COEFFICIENT

The heating capacity tables do not take account of the reduction in capacity, when frost has accumulated or while the defrosting operation is in progress. The capacity values, which take these factors into account, in other words, the integrated heating capacity values, can be calculated as follows:

Formula:

Integrated heating capacity = A

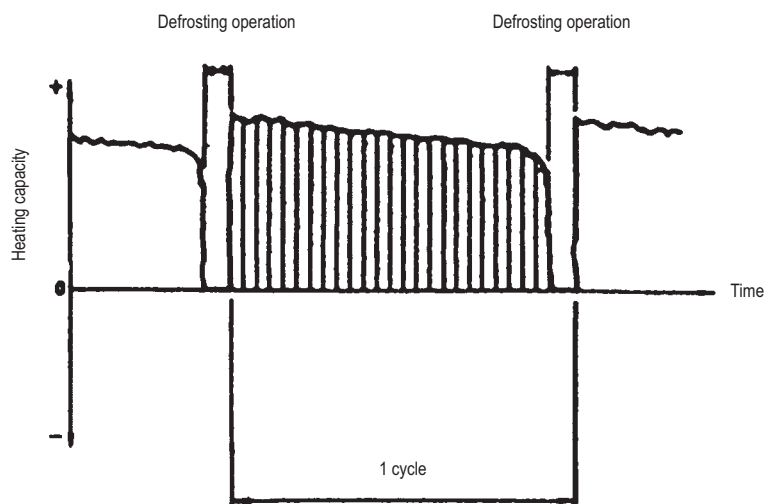
Value given in table of capacity characteristics = B

Integrating correction factor for frost accumulation (kW) = C

$A = B \times C$

Correction factor for finding integrated heating capacity.

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



NOTES

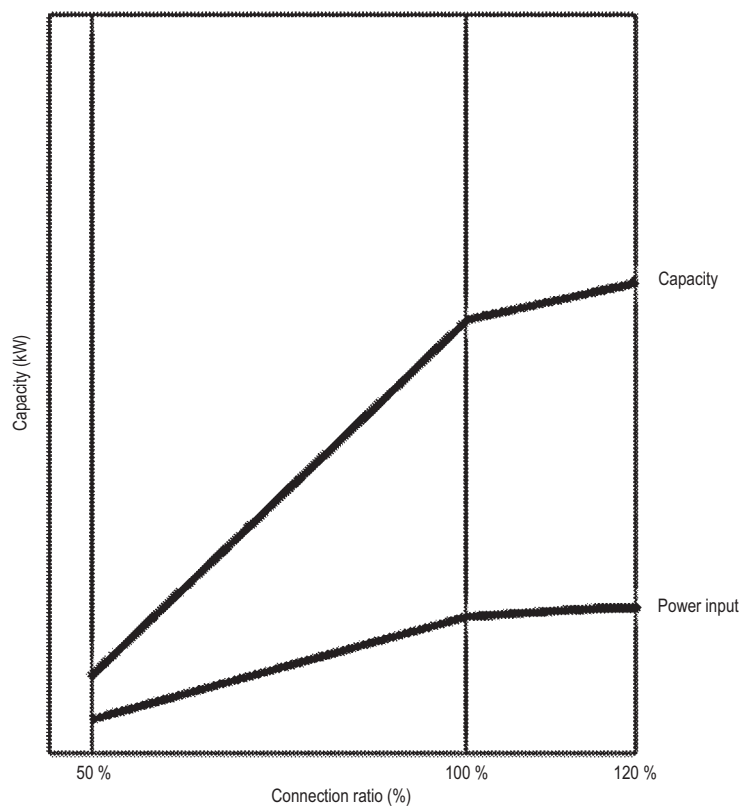
- Please note that, when there is an accumulation of snow against the outside surface of the outdoor unit heat exchanger, there will always be a temporary reduction in capacity, although this will of course vary in degree in accordance with a number of other factors, such as the outdoor temperature (°CDB), relative humidity (RH) and the amount of frosting which occurs.
- The figure shows that the integrated heating capacity expresses the integrated capacity for a single cycle (from defrost operation to defrost operation) in terms of time.

6 Capacity tables

6 - 4 Capacity Correction Factor

RXYCQ-A

Impact of connection ratio on Capacity and Power Input



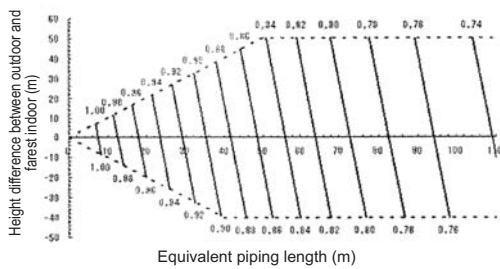
4D080768

6 Capacity tables

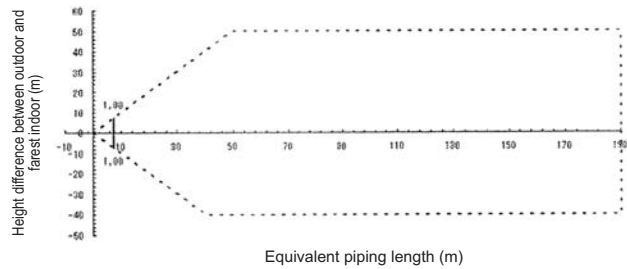
6 - 4 Capacity Correction Factor

RXYCQ8A

Correction ratio for cooling capacity



Correction ratio for heating capacity



[Diameter of the main pipes (standard size)]

Model	Gas pipe	Liquid pipe
RXYCQ8	15.9	9.5

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NOTES

- 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 for the capacity correction ratio, shown in the above figures.

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

- 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 the 100% connection ratio

x Correction ratio of piping to furthest indoor

- Condition: Indoor connection ratio exceeds 100%.

Maximum capacity of outdoor units = Capacity of outdoor units from capacity table at installed connection ratio

x Correction ratio of piping to furthest indoor

- When level difference is 50m or more and equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased. For new diameters, see below

Model	Gas pipe	Liquid pipe
RXYCQ8	19.1	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).

- 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

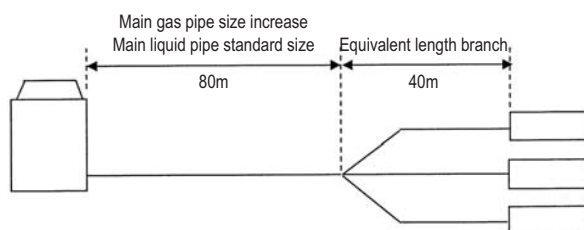
+

Equivalent length of branch pipes

Choose the correction factor from the following table. When cooling capacity is calculated: gas pipe size
When heating capacity is calculated: liquid pipe size

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

(example)



In the above case (Cooling) Overall equivalent length = 80m x 0.5 + 40m = 80m

(Heating) Overall equivalent length = 80m x 1.0 + 40m = 120m

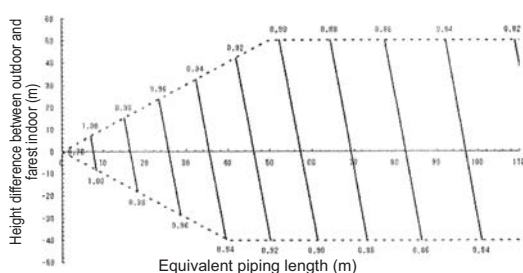
The rate of change in cooling capacity when height difference = 0 is thus approximately 0.78
heating capacity when height difference = 0 is thus approximately 1.0

6 Capacity tables

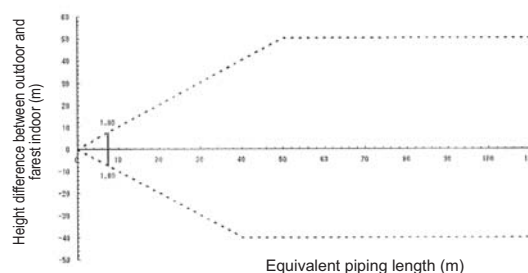
6 - 4 Capacity Correction Factor

RXYCQ10A

Correction ratio for cooling capacity



Correction ratio for heating capacity



[Diameter of the main pipes (standard size)]

Model	Gas pipe	Liquid pipe
RXYCQ10	19.1	9.5

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NOTES

- 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 for the capacity correction ratio, shown in the above figures.

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

- 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%.

$$\begin{aligned} \text{Maximum capacity of outdoor units} &= \text{Capacity of outdoor units from capacity table at the 100\% connection ratio} \\ &\times \text{Correction ratio of piping to furthest indoor} \end{aligned}$$

- Condition: Indoor connection ratio exceeds 100%.

$$\begin{aligned} \text{Maximum capacity of outdoor units} &= \text{Capacity of outdoor units from capacity table at installed connection ratio} \\ &\times \text{Correction ratio of piping to furthest indoor} \end{aligned}$$

- When level difference is 50m or more and equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased. For new diameters, see below

Model	Gas pipe	Liquid pipe
RXYCQ10	22.2	12.7

- 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).

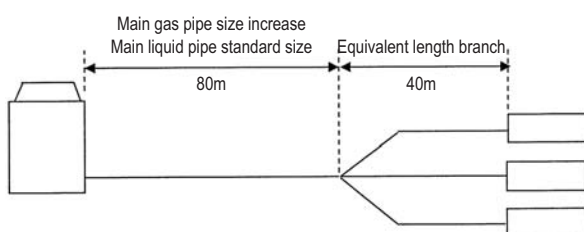
- Equivalent length used in the above figures is based upon the following equivalent length

$$\begin{aligned} \text{Equivalent piping length} &= \\ &\text{Equivalent length of main pipe} \times \text{correction factor} \\ &+ \\ &\text{Equivalent length of branch pipes} \end{aligned}$$

Choose the correction factor from the following table. When cooling capacity is calculated: gas pipe size
When heating capacity is calculated: liquid pipe size

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

(example)



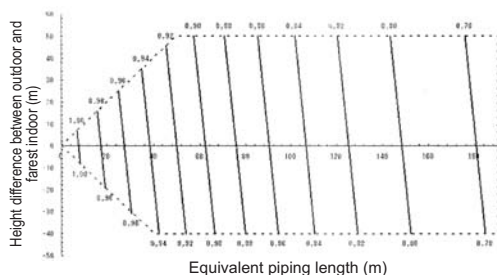
In the above case (Cooling) Overall equivalent length = 80m x 0.5 + 40m = 80m
(Heating) Overall equivalent length = 80m x 0.5 + 40m = 80m
The rate of change in cooling capacity when height difference = 0 is thus approximately 0.86
heating capacity when height difference = 0 is thus approximately 1.0

6 Capacity tables

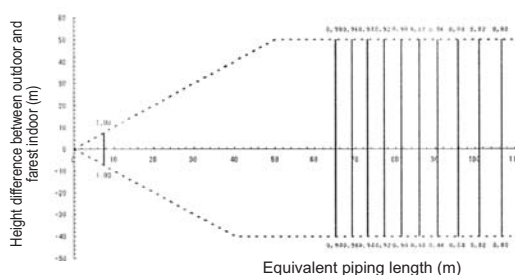
6 - 4 Capacity Correction Factor

RXYCQ12A

Correction ratio for cooling capacity



Correction ratio for heating capacity



[Diameter of the main pipes (standard size)]

Model	Gas pipe	Liquid pipe
RXYCQ12	22.2	9.5

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NOTES

- 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 for the capacity correction ratio, shown in the above figures.

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

- 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%.

$$\begin{aligned} \text{Maximum capacity of outdoor units} &= \text{Capacity of outdoor units from capacity table at the 100\% connection ratio} \\ &\times \text{Correction ratio of piping to furthest indoor} \end{aligned}$$

- Condition: Indoor connection ratio exceeds 100%.

$$\begin{aligned} \text{Maximum capacity of outdoor units} &= \text{Capacity of outdoor units from capacity table at installed connection ratio} \\ &\times \text{Correction ratio of piping to furthest indoor} \end{aligned}$$

- When level difference is 50m or more and equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased. For new diameters, see below

Model	Gas pipe	Liquid pipe
RXYCQ12	25.4*	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).

- 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).

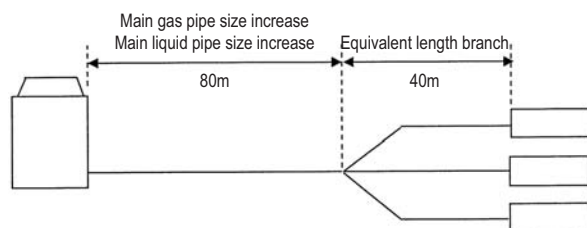
- Equivalent length used in the above figures is based upon the following equivalent length

$$\begin{aligned} \text{Equivalent piping length} &= \\ &\text{Equivalent length of main pipe} \times \text{correction factor} \\ &+ \\ &\text{Equivalent length of branch pipes} \end{aligned}$$

Choose the correction factor from the following table. When cooling capacity is calculated: gas pipe size
When heating capacity is calculated: liquid pipe size

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

(example)

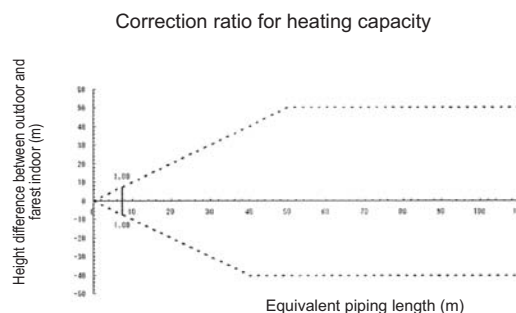
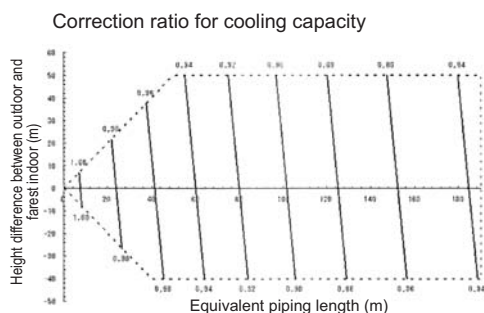


In the above case (Cooling) Overall equivalent length = 80m x 0.5 + 40m = 80m
(Heating) Overall equivalent length = 80m x 0.5 + 40m = 80m
The rate of change in cooling capacity when height difference = 0 is thus approximately 0.87
heating capacity when height difference = 0 is thus approximately 0.90

6 Capacity tables

6 - 4 Capacity Correction Factor

RXYCQ14-16A



[Diameter of the main pipes (standard size)]

Model	Gas pipe	Liquid pipe
RXYCQ14	28.6	12.7
RXYCQ16	28.6	12.7

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NOTES

- 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 for the capacity correction ratio, shown in the above figures.

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

- 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%.

$$\begin{aligned} \text{Maximum capacity of outdoor units} &= \text{Capacity of outdoor units from capacity table at the 100\% connection ratio} \\ &\times \text{Correction ratio of piping to furthest indoor} \end{aligned}$$

- Condition: Indoor connection ratio exceeds 100%.

$$\begin{aligned} \text{Maximum capacity of outdoor units} &= \text{Capacity of outdoor units from capacity table at installed connection ratio} \\ &\times \text{Correction ratio of piping to furthest indoor} \end{aligned}$$

- When level difference is 50m or more and equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased. For new diameters, see below

Model	Gas pipe	Liquid pipe
RXYCQ14	28.6	15.9
RXYCQ16	28.6	15.9

- 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).

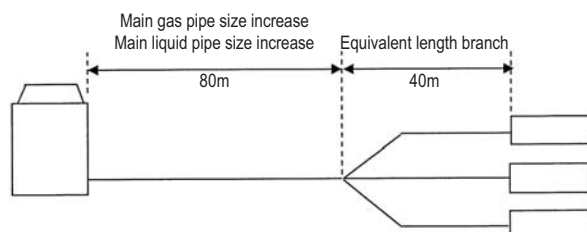
- Equivalent length used in the above figures is based upon the following equivalent length

$$\begin{aligned} \text{Equivalent piping length} &= \\ &\text{Equivalent length of main pipe} \times \text{correction factor} \\ &+ \\ &\text{Equivalent length of branch pipes} \end{aligned}$$

Choose the correction factor from the following table. When cooling capacity is calculated: gas pipe size
When heating capacity is calculated: liquid pipe size

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

(example)



In the above case (Cooling) Overall equivalent length = 80m x 0.5 + 40m = 80m

(Heating) Overall equivalent length = 80m x 0.5 + 40m = 80m

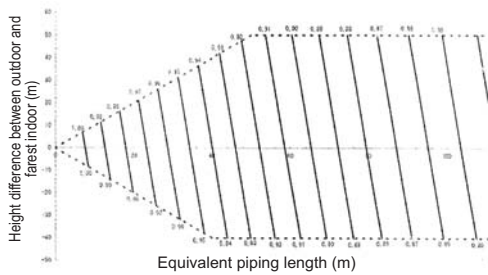
The rate of change in cooling capacity when height difference = 0 is thus approximately 0.89
heating capacity when height difference = 0 is thus approximately 1.0

6 Capacity tables

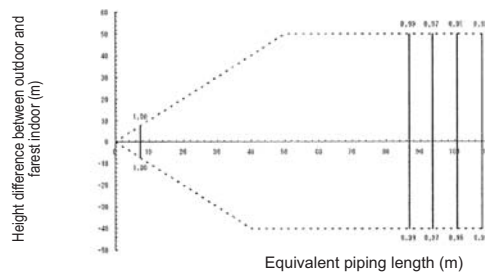
6 - 4 Capacity Correction Factor

RXYCQ18A

Correction ratio for cooling capacity



Correction ratio for heating capacity



[Diameter of the main pipes (standard size)]

Model	Gas pipe	Liquid pipe
RXYCQ18	28.6	12.7

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NOTES

- 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 for the capacity correction ratio, shown in the above figures.

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

- 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 the 100% connection ratio

x Correction ratio of piping to furthest indoor

- Condition: Indoor connection ratio exceeds 100%.

Maximum capacity of outdoor units = Capacity of outdoor units from capacity table at installed connection ratio

x Correction ratio of piping to furthest indoor

- When level difference is 50m or more and equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased. For new diameters, see below

Model	Gas pipe	Liquid pipe
RXYCQ18	31.8*	15.9

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

- 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).

- 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

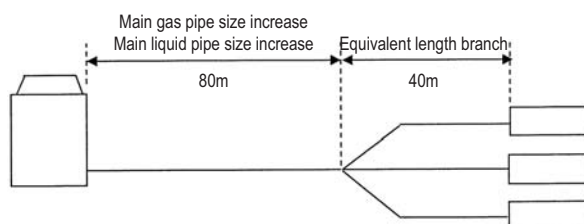
+

Equivalent length of branch pipes

Choose the correction factor from the following table. When cooling capacity is calculated: gas pipe size
When heating capacity is calculated: liquid pipe size

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

(example)



In the above case (Cooling) Overall equivalent length = 80m x 0.5 + 40m = 80m

(Heating) Overall equivalent length = 80m x 0.5 + 40m = 80m

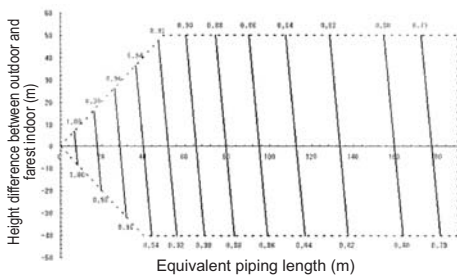
The rate of change in cooling capacity when height difference = 0 is thus approximately 0.88
heating capacity when height difference = 0 is thus approximately 0.99

6 Capacity tables

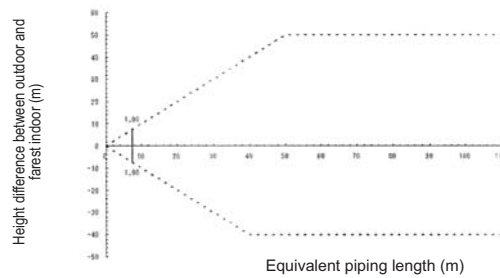
6 - 4 Capacity Correction Factor

RXYCQ20A

Correction ratio for cooling capacity



Correction ratio for heating capacity



[Diameter of the main pipes (standard size)]

Model	Gas pipe	Liquid pipe
RXYCQ20	28.6	15.9

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NOTES

- 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 for the capacity correction ratio, shown in the above figures.

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

- 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%.

$$\begin{aligned} \text{Maximum capacity of outdoor units} &= \text{Capacity of outdoor units from capacity table at the 100\% connection ratio} \\ &\times \text{Correction ratio of piping to first indoor} \end{aligned}$$

- Condition: Indoor connection ratio exceeds 100%.

$$\begin{aligned} \text{Maximum capacity of outdoor units} &= \text{Capacity of outdoor units from capacity table at installed connection ratio} \\ &\times \text{Correction ratio of piping to first indoor} \end{aligned}$$

- When level difference is 50m or more and equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased. For new diameters, see below

Model	Gas pipe	Liquid pipe
RXYCQ20	31.8*	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).

- 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).

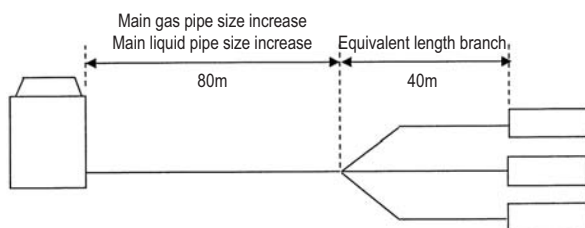
- Equivalent length used in the above figures is based upon the following equivalent length

$$\begin{aligned} \text{Equivalent piping length} &= \\ &\text{Equivalent length of main pipe} \times \text{correction factor} \\ &+ \\ &\text{Equivalent length of branch pipes} \end{aligned}$$

Choose the correction factor from the following table. When cooling capacity is calculated: gas pipe size
When heating capacity is calculated: liquid pipe size

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

(example)



In the above case (for RXYQ38-44) (Cooling) Overall equivalent length = 80m x 1.0 + 40m = 120m

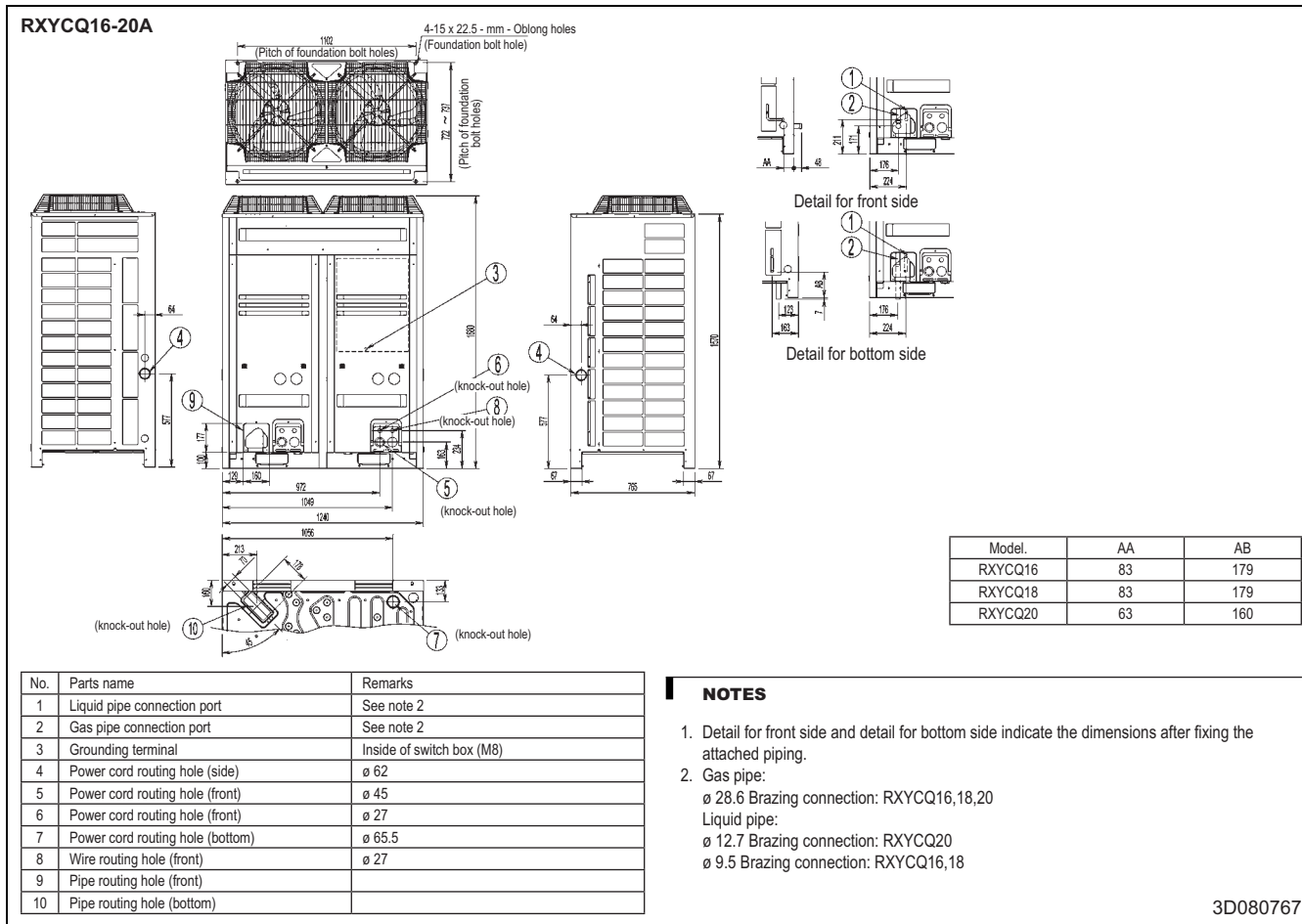
(Heating) Overall equivalent length = 80m x 0.5 + 40m = 80m

The rate of change in cooling capacity when height difference = 0 is thus approximately 0.83

heating capacity when height difference = 0 is thus approximately 1.0

7 Dimensional drawings

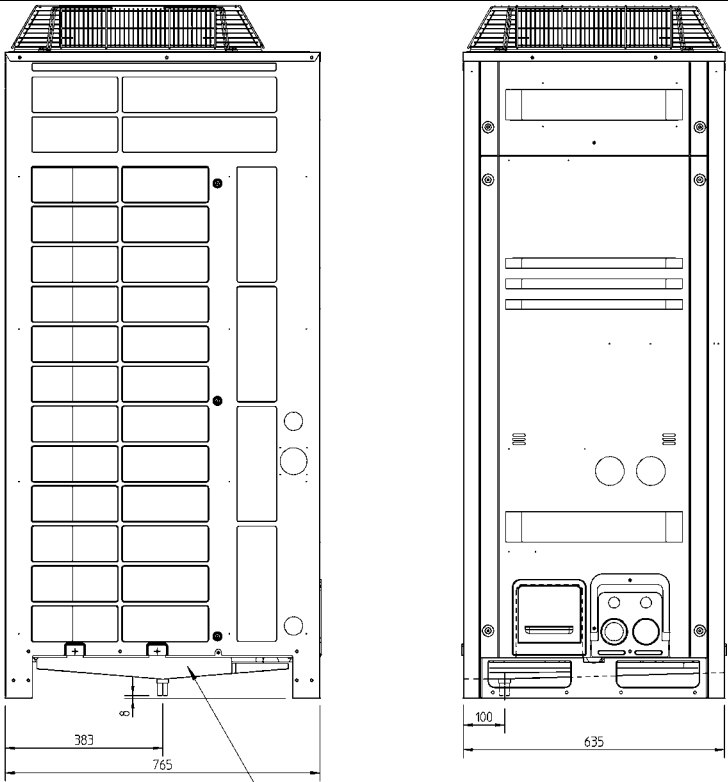
7 - 1 Dimensional Drawings



7 Dimensional drawings

7 - 2 Dimensional Drawings with Accessories

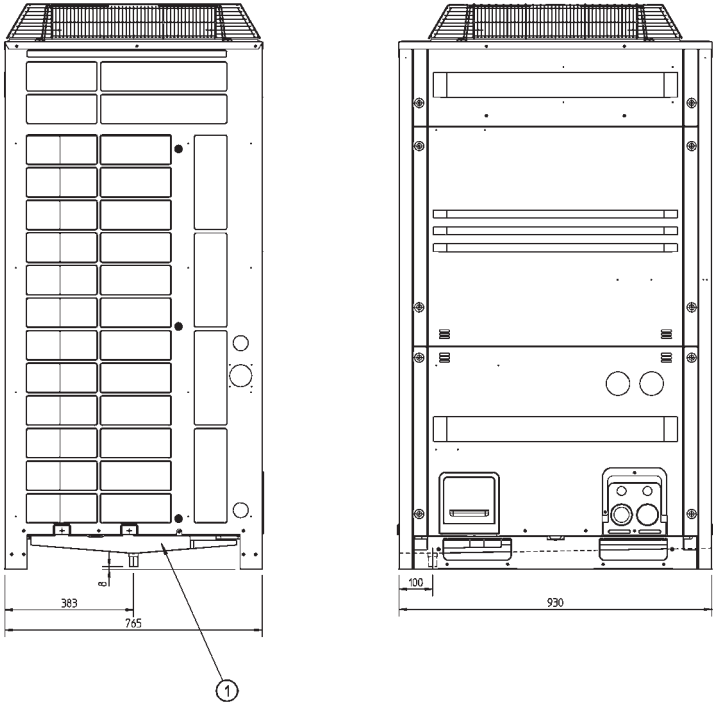
RXYCQ8A



Item	Part name	Remark
1	Central drain pan kit	KWC26B160

3TW27234-1

RXYCQ10-14A



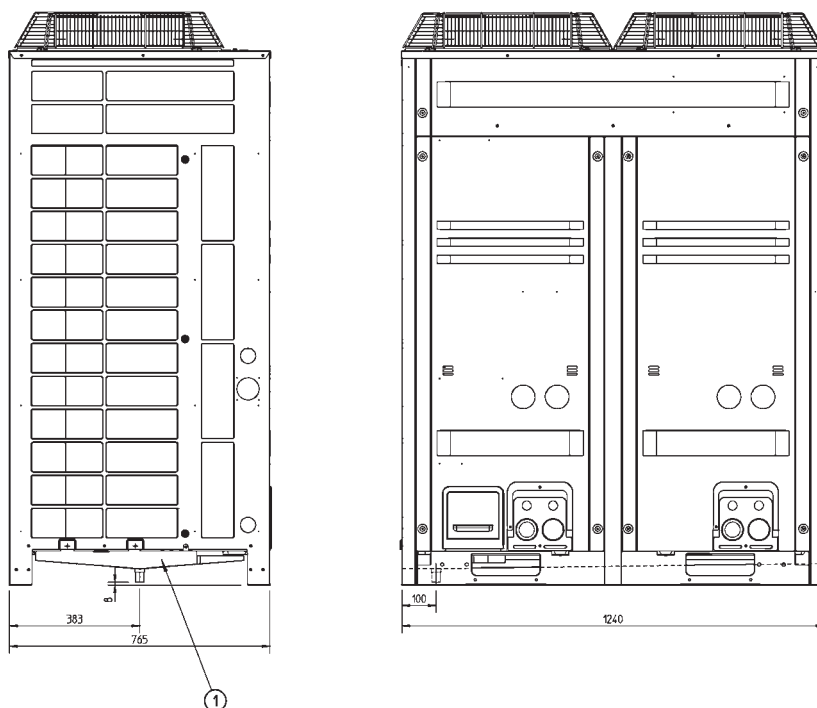
Item	Part name	Remark
1	Central drain pan kit	KWC26B280

3TW27244-1

7 Dimensional drawings

7 - 2 Dimensional Drawings with Accessories

RXYCQ16-20A



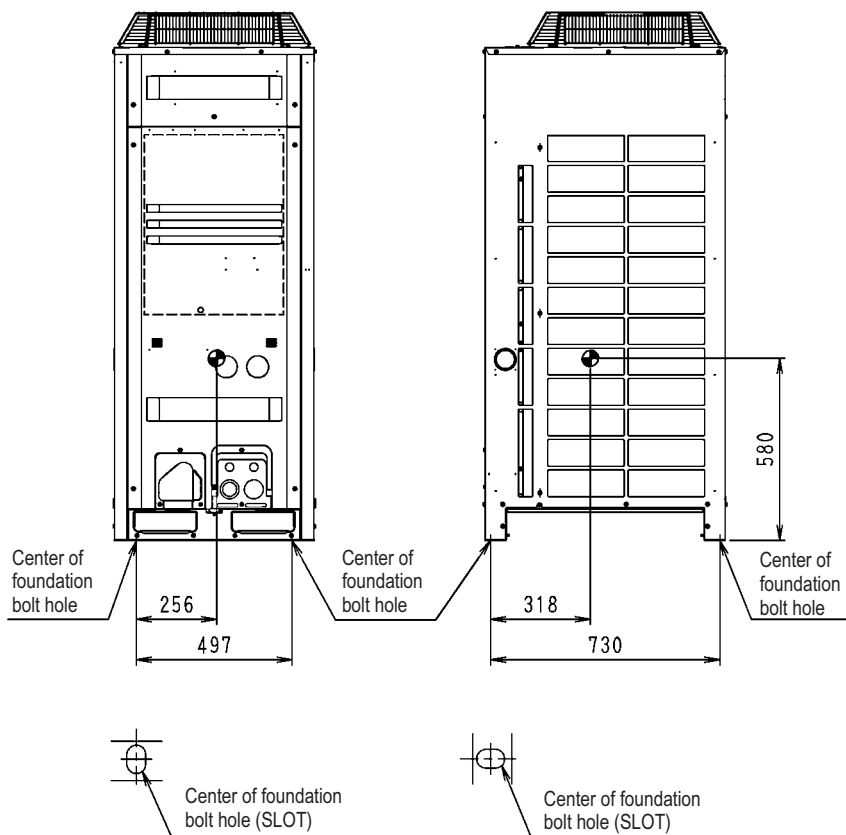
Item	Part name	Remark
1	Central drain pan kit	KWC268450

3TW27274-1

8 Centre of gravity

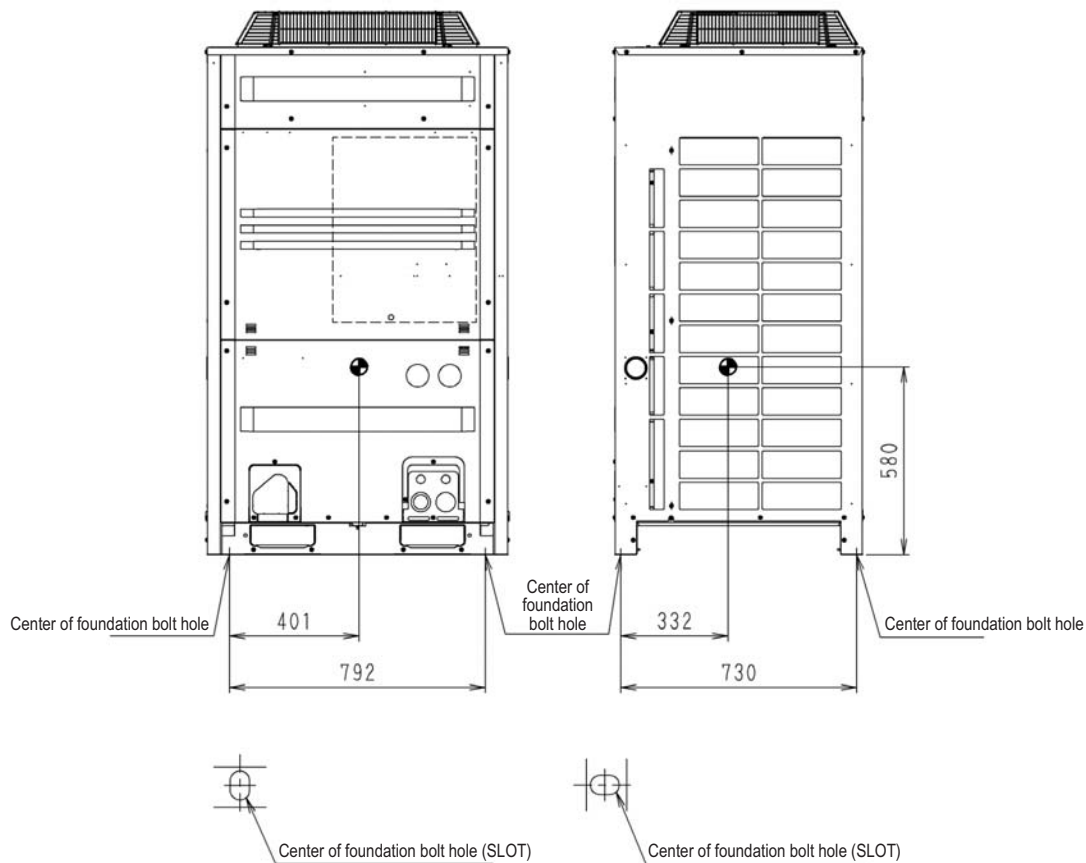
8 - 1 Centre of Gravity

RXYCQ8A



4D052145E

RXYCQ10A

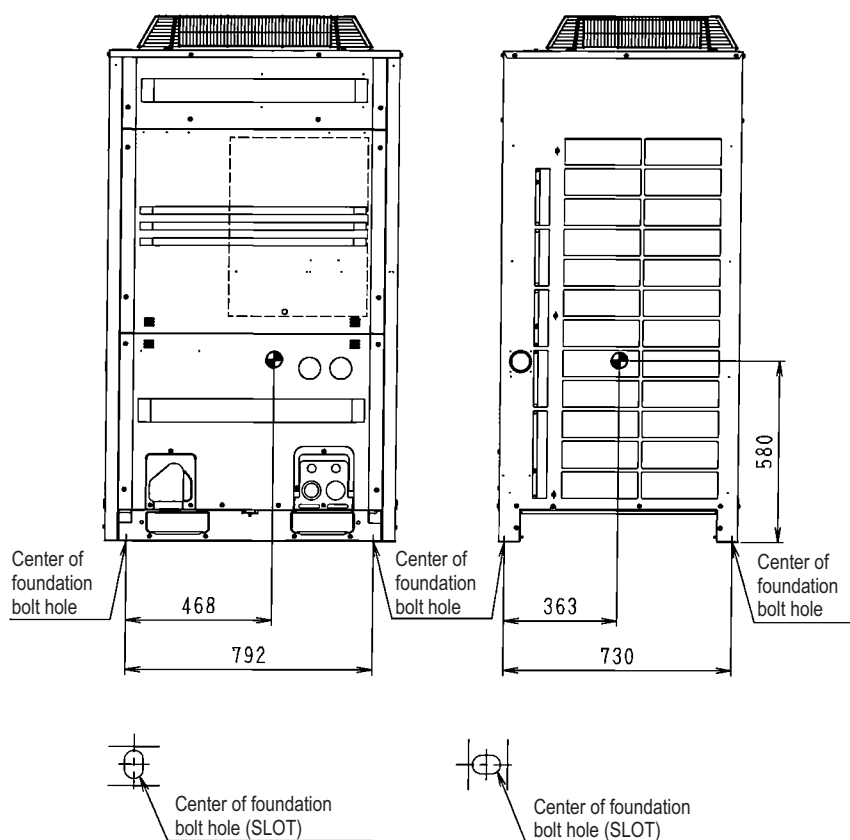


4D052146P

8 Centre of gravity

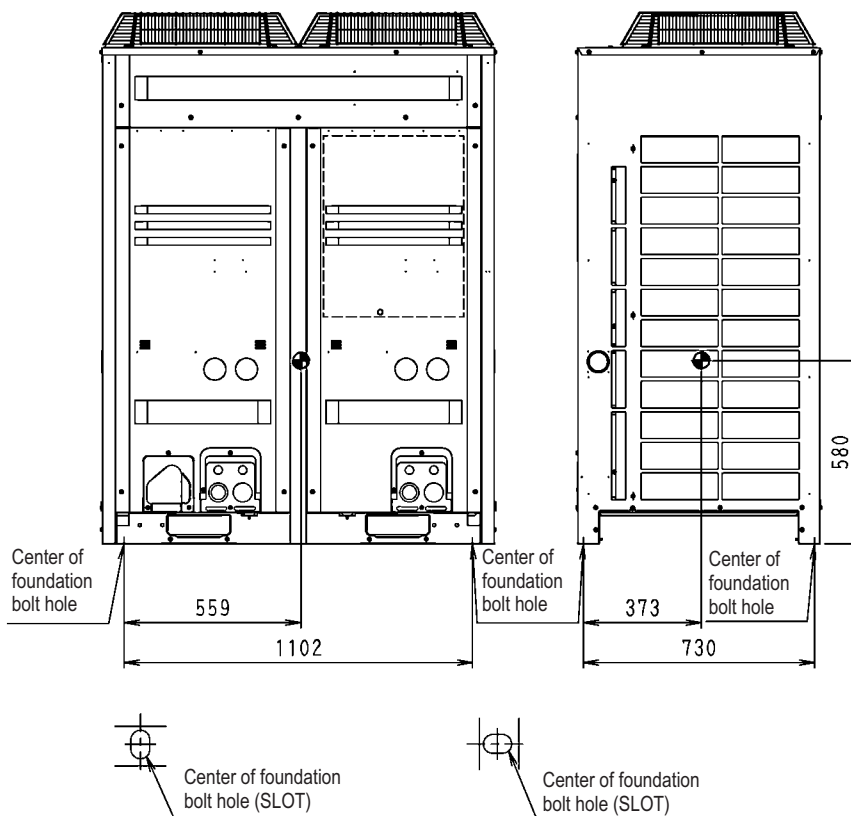
8 - 1 Centre of Gravity

RXYCQ12-14A



4D052147M

RXYCQ16-20A

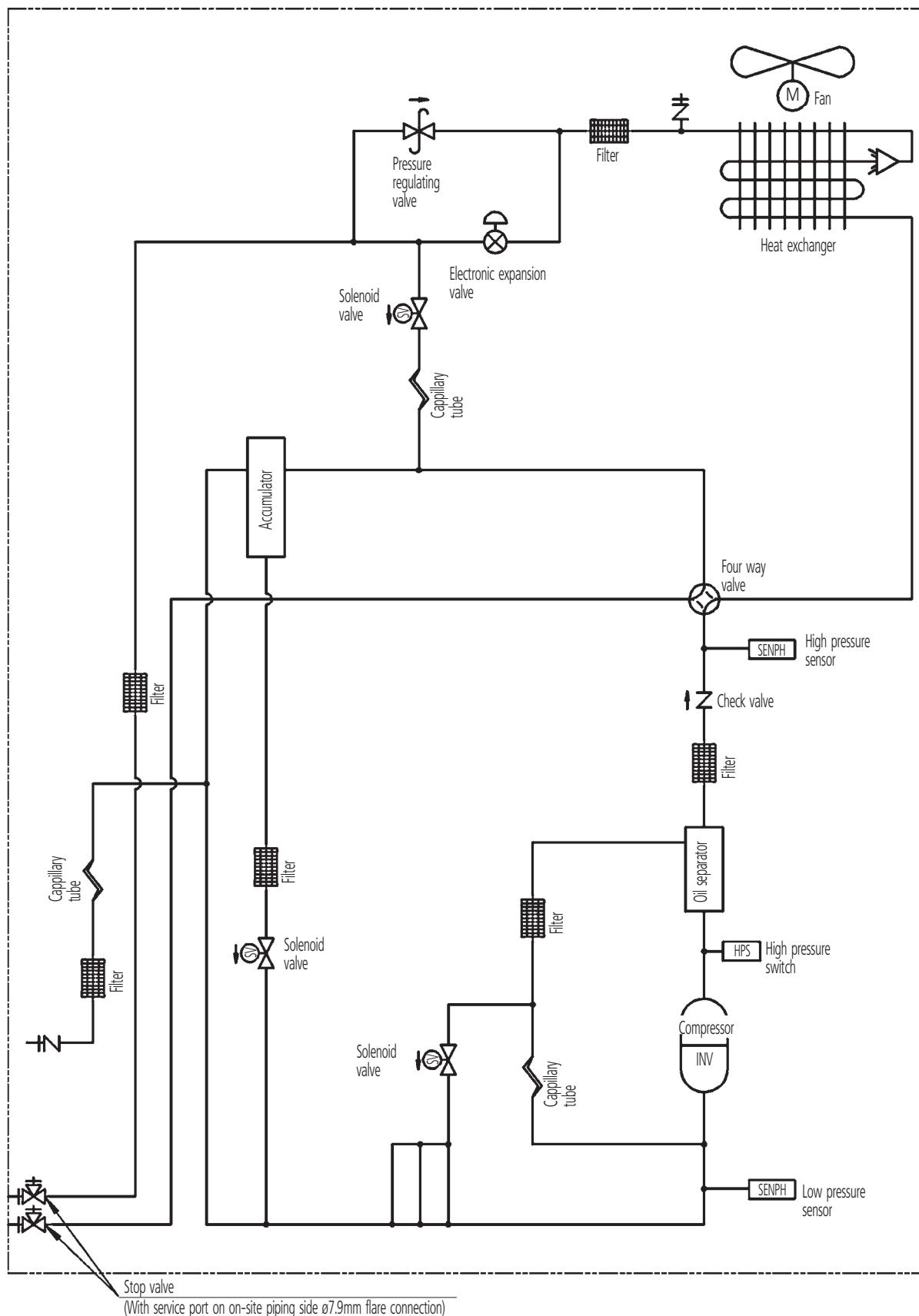


4D052572M

9 Piping diagrams

9 - 1 Piping Diagrams

RXYCQ8A

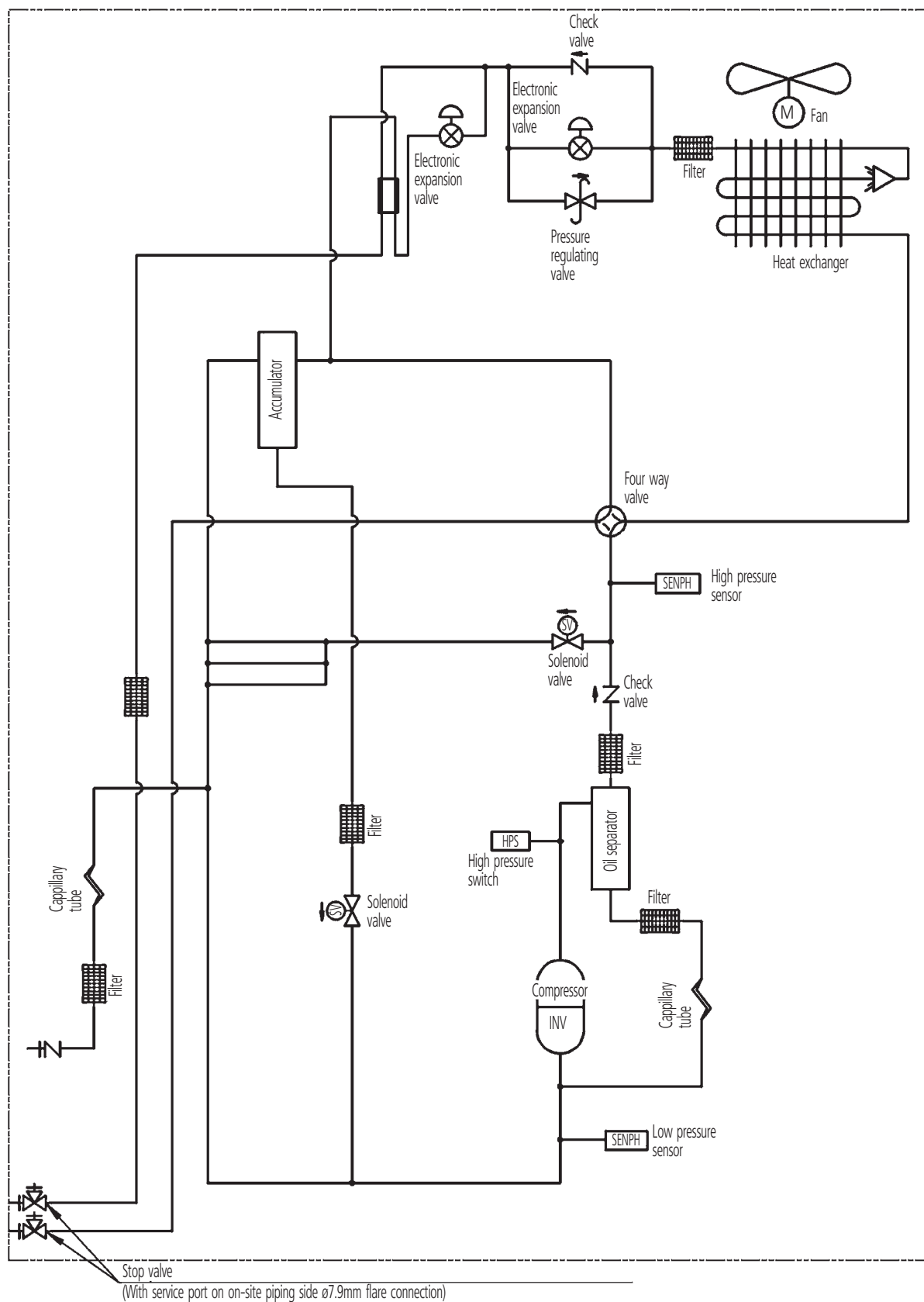


4TW27235-1

9 Piping diagrams

9 - 1 Piping Diagrams

RXYCQ10A

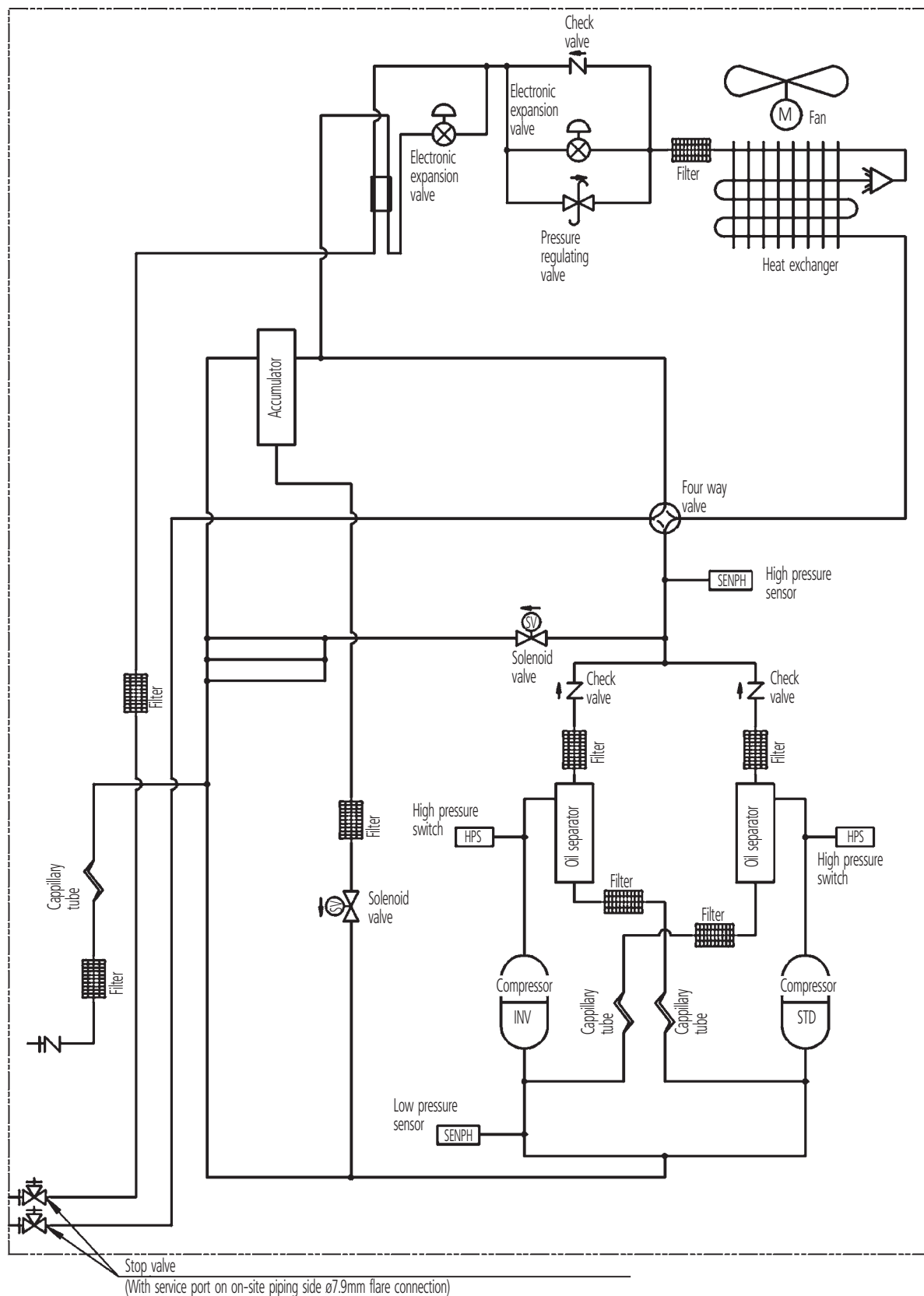


4TW27245-1

9 Piping diagrams

9 - 1 Piping Diagrams

RXYCQ12-14A

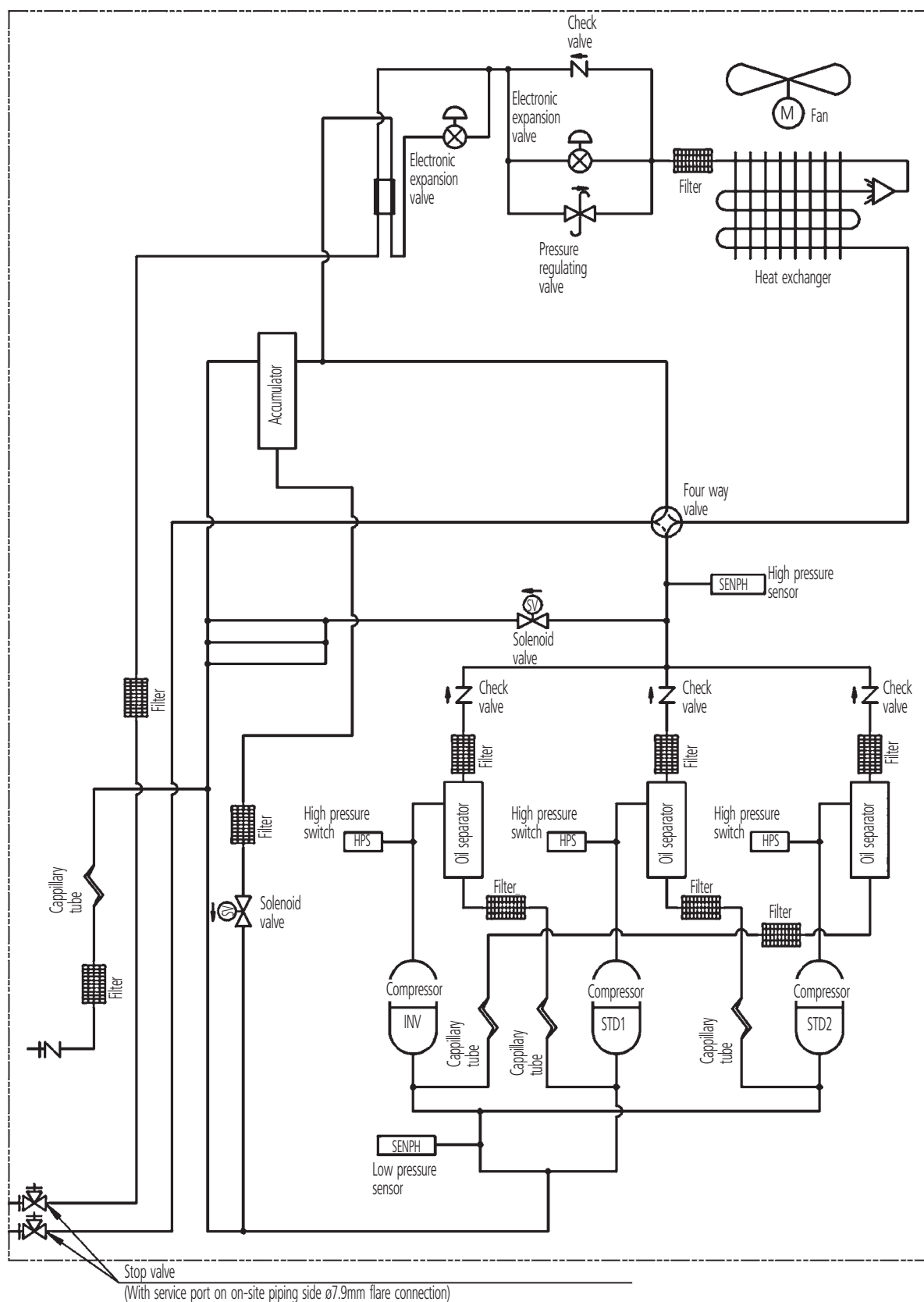


4TW27255-1

9 Piping diagrams

9 - 1 Piping Diagrams

RXYCQ16-20A



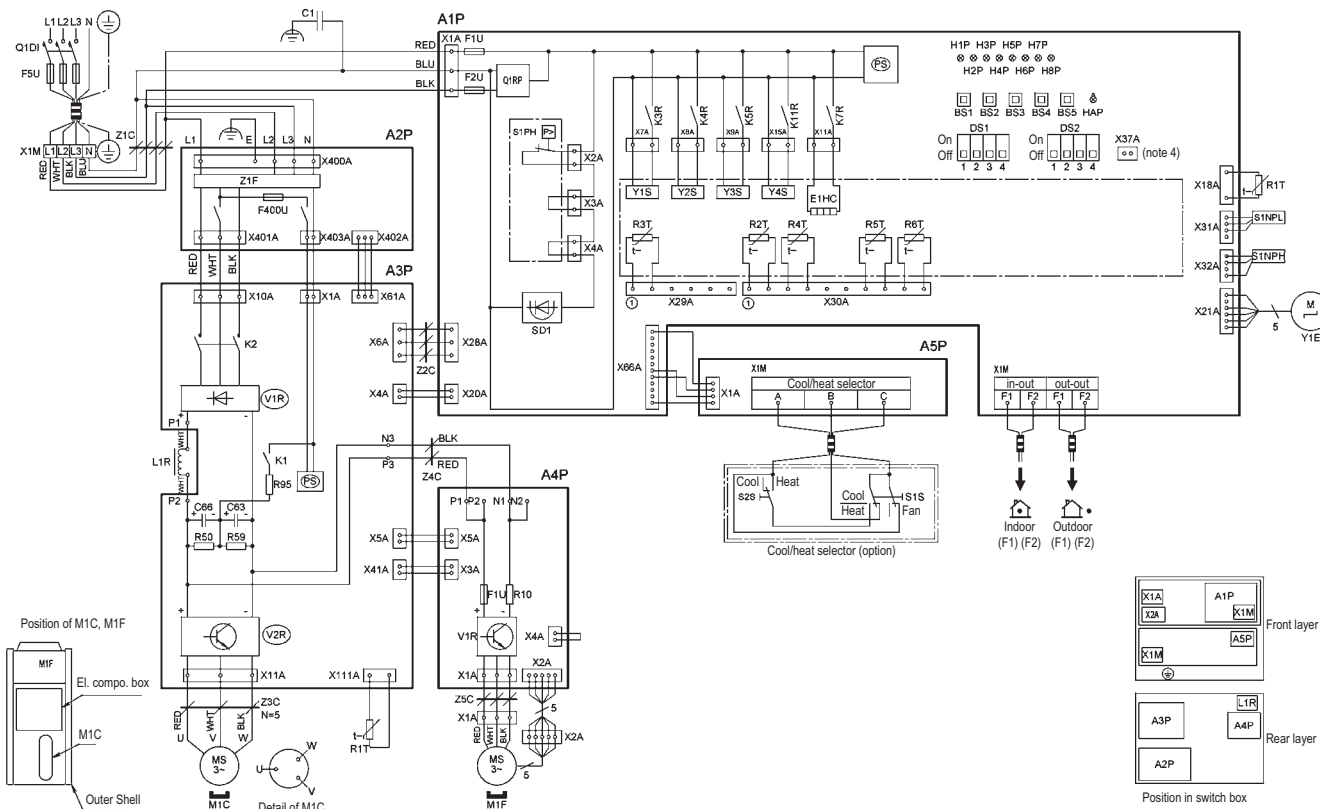
4TW27275-1

10 Wiring diagrams

10 - 1 Wiring Diagrams - Three Phase

RXYCQ8A

Power Supply
3N ~ 50Hz
380-415V



A1P-A5P	Printed circuit board	K3R-K11R	K3R: Y1S	K7R: E1HC	SD1	Safety devices input
	A1P: main		K4R: Y2S	K11R: Y4S	V1R	Power module (A4P)
	A2P: noise filter	A4P: fan	K5R: Y3S		V1R, V2R	Power module (A3P)
	A3P: inverter				X1A, X2A	Connector (M1F)
BS1-BS5	Push button switch (mode, set, return, test, reset)	M1C	Motor (compressor)	X1M	Terminal strip (power supply)	
C1	Capacitor	M1F	Motor (fan)	X1M	Terminal strip (control) (A1P)	
C63, C66	Capacitor	PS	Switching power supply (A1P, A3P)	X1M	Terminal strip (A5P)	
DS1, DS2	Dip switch	Q1RP	Phase reversal detect circuit	Y1E	Electronic expansion valve (main)	
E1HC	Crankcase heater	Q1DI	Earth leakage breaker		Solenoid valve	
F1U	Fuse (250V, 8A Ⓢ) (A4P)	R10	Resistor (current sensor) (A4P)	Y1S-Y4S	Y1S: hot gas	Y3S: 4 way valve
F1U, F2U	Fuse (250V, 3.15A Ⓢ) (A1P)	R50, R59	Resistor		Y2S: oil return	Y4S: injection
F5U	Field fuse	R95	Resistor (current limiting)	Z1C-Z5C	Noise filter (ferrite core)	
F400U	Fuse (250V, 6.3A Ⓢ) (A2P)		Thermistor	Z1F	Noise filter (with surge absorber)	
H1P-H8P	Pilotlamp (service monitor - orange) [H2P] prepare, test — — — flickering Malfunction detection — — — light up	R1T-R6T	R1T: air (A1P) R4T: heat exch. deicer R1T: fin (A3P) R5T: liquid pipe R2T: suction R6T: accumulator R3T: M1C discharge		Cool/heat selector	
HAP	Pilotlamp (service monitor - green)	S1NPH	Pressure sensor (high)		S1S	Selector switch (fan / cool - heat)
K1	Magnetic relay	S1NPL	Pressure sensor (low)		S2S	Selector switch (cool - heat)
K2	Magnetic contactor (M1C)	S1PH	Pressure switch (high)			

NOTES

- This wiring diagram only applies to the outdoor unit.
- Field wiring: : indication of parts outside switchbox.
- Terminal strip: : connector, : Terminal : protective earth (screw).
- When using the option adapter refer to the installation manual.
- 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.
- Do not operate the unit by short-circuiting protection device S1PH.
- Colors BLK: Black, RED: Red, BLU: Blue, WHT: White, GRN: Green, PNK: Pink, YLW: Yellow, BRN: Brown, GRY: Grey, ORG: Orange

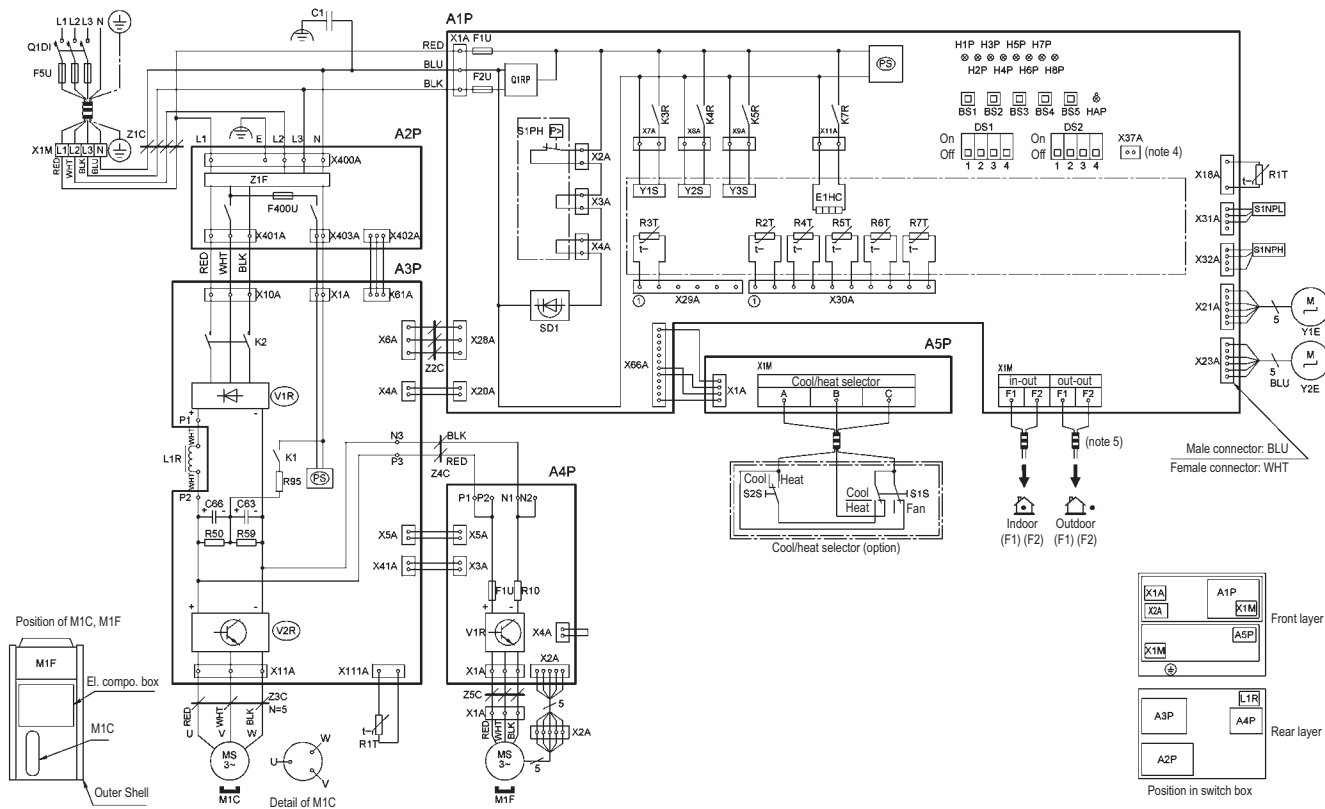
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10 Wiring diagrams

10 - 1 Wiring Diagrams - Three Phase

RXYCQ10A

Power Supply
3N ~ 50Hz
380-415V



A1P-A5P	Printed circuit board		K3R-K7R	K3R: Y1S	K5R: Y3S	SD1	safety devices input	
	A1P: main	A4P: fan		K4R: Y2S	K7R: E1HC	V1R	power module (A4P)	
	A2P: noise filter	A5P: ABC I/P		K5R: Y3S		V1R, V2R	power module (A3P)	
	A3P: inverter					X1A, X2A	connector (M1F)	
BS1-BS5	Push button switch (mode, set, return, test, reset)		M1C	Motor (compressor)		X1M	terminal strip (power supply)	
			M1F	Motor (fan)		X1M	terminal strip (control) (A1P)	
C1	Capacitor		PS	Switching power supply (A1P, A3P)		X1M	terminal strip (A5P)	
C63, C66	Capacitor		Q1RP	Phase reversal detect circuit		Y1E	electronic expansion valve (main)	
DS1, DS2	Dip switch		Q1DI	Earth leakage breaker		Y2E	electronic expansion valve (subcool)	
E1HC	Crankcase heater		R10	Resistor (current sensor) (A4P)		Y1S-Y3S	Solenoid valve	
F1U	Fuse (250V, 8A Ⓢ) (A4P)		R50, R59	Resistor			Y1S: hot gas	Y3S: 4 way valve
F1U, F2U	Fuse (250V, 3.15A Ⓢ) (A1P)		R95	Resistor (current limiting)			Y2S: oil return	
F5U	Field fuse			Thermistor		Z1C-5C	noise filter (ferrite core)	
F400U	Fuse (250V, 6.3A Ⓢ) (A2P)			R1T: air (A1P)	R4T: heat exch. deicer	Z1F	noise filter (with surge absorber)	
H1P-H8P	Pilotlamp (service monitor - orange) [H2P] prepare, test — — — flickering Malfunction detection — — light up		R1T-R7T	R1T: fin (A3P)	R5T: heat exch. outlet			
				R2T: suction	R6T: liquid pipe			
				R3T: M1C discharge	R7T: Accumulator			
HAP	Pilotlamp (service monitor - green)		S1NPH	pressure sensor (high)		Cool/heat selector		
K1	Magnetic relay		S1NPL	pressure sensor (low)		S1S	selector switch (fan / cool - heat)	
K2	Magnetic contactor (M1C)		S1PH	pressure switch (high)		S2S	selector switch (cool - heat)	

NOTES

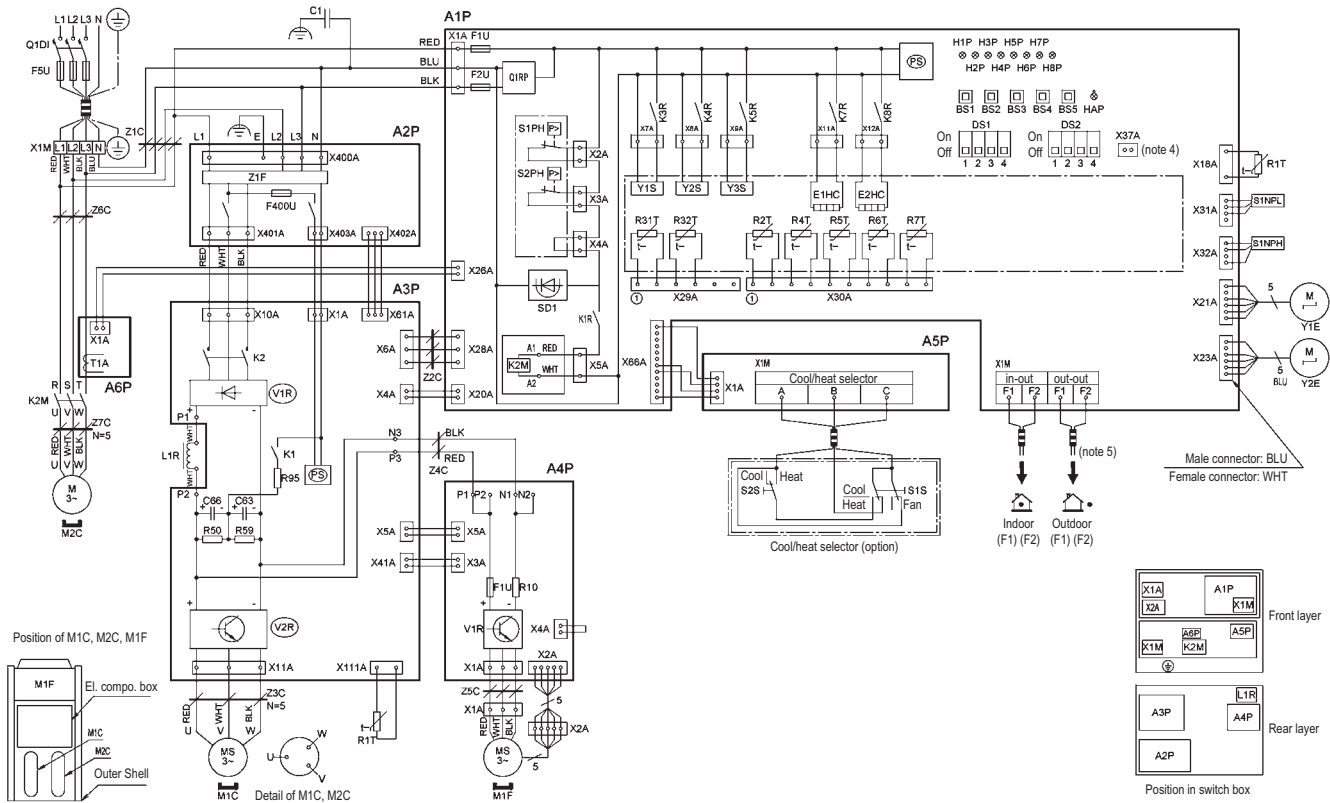
1. This wiring diagram only applies to the outdoor unit.
2.  : field wiring,  : indication of parts outside switchbox.
3.  : terminal strip,  : connector,  : Terminal  : protective earth (screw).
4. When using the option adapter refer to the installation manual.
5. Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1 ● F2, outdoor-outdoor transmission F1 ● F2 and on how to use BS1~BS5 and DS1, DS2 switch.
6. Do not operate the unit by short-circuiting protection device S1PH.
7. Colors BLK: Black, RED: Red, BLU: Blue, WHT: White, GRN: Green, PNK: Pink, YLW: Yellow, BRN: Brown, GRY: Grey, ORG: Orange

10 Wiring diagrams

10 - 1 Wiring Diagrams - Three Phase

RXYCQ12-14A

Power Supply
3N ~ 50Hz
380-415V



A1P-A5P	Printed circuit board	K3R-K8R	K3R: Y1S	K7R: E1HC	SD1	Safety devices input
	A1P: main		K4R: Y2S	K8R: E2HC	V1R	Power module (A4P)
	A2P: noise filter		K5R: Y3S		V1R, V2R	Power module (A3P)
BS1-BS5	Push button switch (mode, set, return, test, reset)	L 1R			X1A, X2A	Connector (M1F)
	C1	M1C, M2C			X1M	Terminal strip (power supply)
	C63, C66	M1F			X1M	Terminal strip (control) (A1P)
DS1, DS2	Dip switch	PS			X1M	Terminal strip (A5P)
	E1HC, E2HC	Q1RP			Y1E	Electronic expansion valve (main)
		Q1DI			Y2E	Electronic expansion valve (subcool)
F1U, F2U	Fuse (250V, 8A ⑤) (A4P)	R10				Solenoid valve
	F5U	R50, R59			Y1S-Y3S	Y1S: hot gas
	F400U	R95				Y2S: oil return
H1P-H8P	Pilotlamp (service monitor - orange)				Z1C-5C	Noise filter (ferrite core)
	[H2P] prepare, test — — — flickering				Z1F	Noise filter (with surge absorber)
	Malfunction detection — — — light up					
HAP	Pilotlamp (service monitor - green)					
	K1	R1T-R7T				
	K2	R31T, R32T				
K2M	Magnetic contactor (M1C)					
	Magnetic contactor (M2C)					
	Magnetic relays (K2M)					
K1R		S1NPH				
		S1NPL				
		S1PH, S2PH				
T1A						

NOTES

- This wiring diagram only applies to the outdoor unit.
- Field wiring: indication of parts outside switchbox.
- Terminal strip, connector, Terminal: protective earth (screw).
- When using the option adapter refer to the installation manual.
- 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.
- Do not operate the unit by short-circuiting protection device S1PH.
- Colors BLK: Black, RED: Red, BLU: Blue, WHT: White, GRN: Green, PNK: Pink, YLW: Yellow, BRN: Brown, GRY: Grey, ORG: Orange

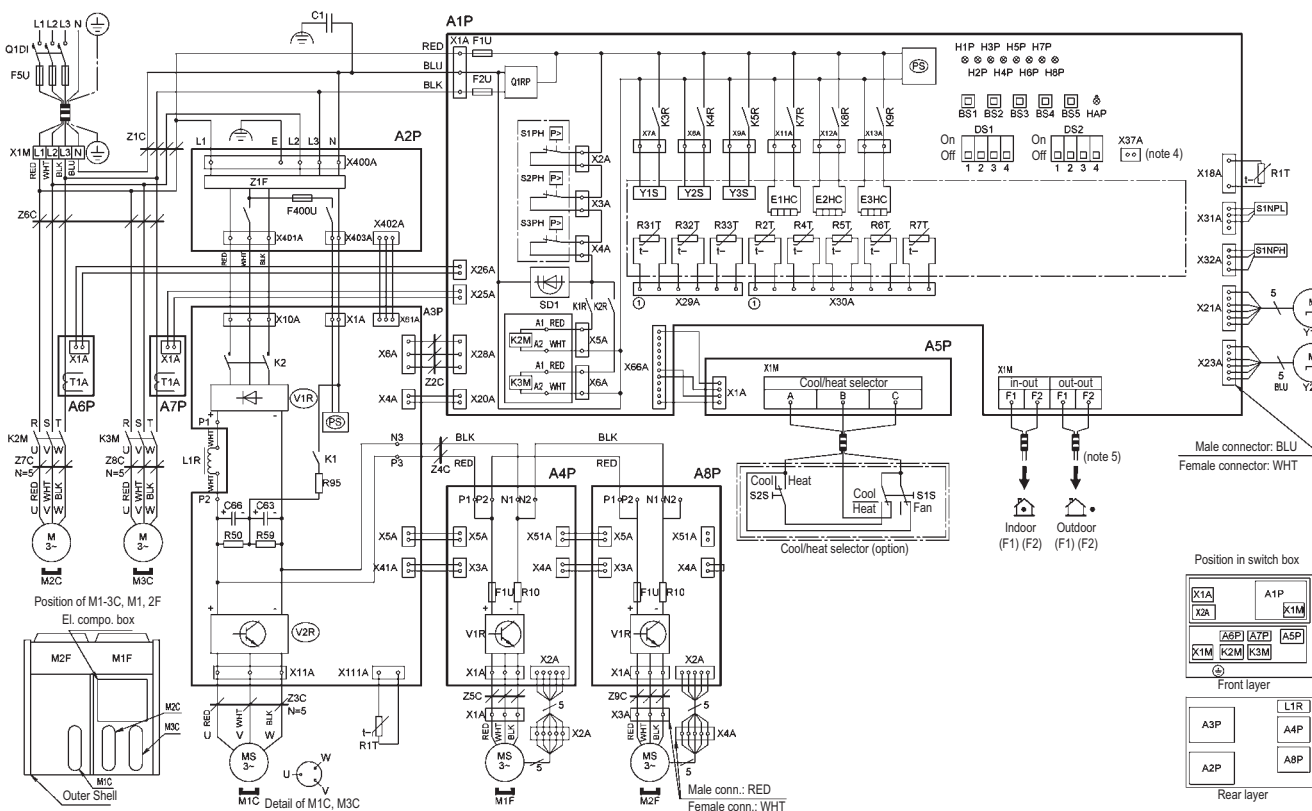
2D080526

10 Wiring diagrams

10 - 1 Wiring Diagrams - Three Phase

RXYCQ16-20A

Power Supply
3N ~ 50Hz
380-415V



A1P-A7P	Printed circuit board	K3R-K9R	K3R: Y1S	K7R: E1HC	SD1	Safety devices input
	A1P: main		K4R: Y2S	K8R: E2HC	V1R	Power module (A4P, A8P)
	A2P: noise filter		K5R: Y3S	K9R: E3HC	V1R, V2R	Power module (A3P)
BS1-BS5	Push button switch (mode, set, return, test, reset)	L 1R			X1A, X4A	Connector (M2F)
		M1C, M3C			X1M	Terminal strip (power supply)
		M1F, M2F			X1M	Terminal strip (control) (A1P)
C1	Capacitor	PS			X1M	Terminal strip (A5P)
C63, C66	Capacitor	Q1RP			Y1E	Electronic expansion valve (main)
DS1, DS2	Dip switch	Q1DI			Y2E	Electronic expansion valve (subcool)
E1HC, E3HC	Crankcase heater	R10				Solenoid valve
F1U	Fuse (250V, 8A Ⓟ) (A4P, A8P)	R50, R59			Y1S-Y3S	Y1S: hot gas
F1U, F2U	Fuse (250V, 3.15A Ⓟ) (A1P)					Y2S: oil return
F5U	Field fuse					Y3S: 4 way valve
F400U	Fuse (250V, 6.3A Ⓟ) (A2P)					
H1P-H8P	Pilotlamp (service monitor - orange)	R1T-R7T				
	[H2P] prepare, test — — — flickering	R31T, R33T				
	Malfunction detection — — — light up					
HAP	Pilotlamp (service monitor - green)					
K1	Magnetic relay	S1NPH				
K2	Magnetic contactor (M1C)	S1NPL				
K2M, K3M	Magnetic contactor (M2C, M3C)	S1PH, S3PH				
K1R, K2R	Magnetic relays (K2M, K3M)	T1A				

NOTES

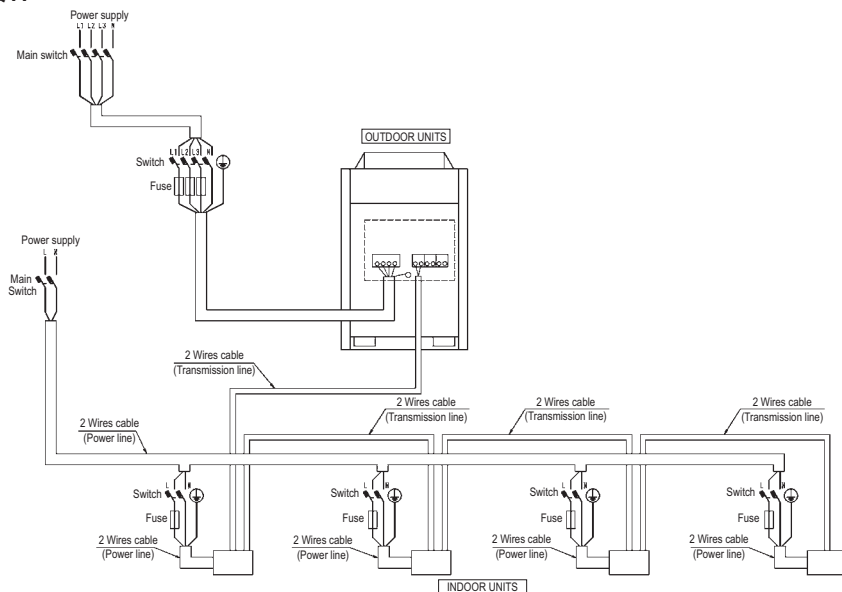
- This wiring diagram only applies to the outdoor unit.
- Field wiring: ; indication of parts outside switchbox: .
- Terminal strip: ; connector: ; Terminal: ; protective earth (screw): .
- When using the option adapter refer to the installation manual.
- Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1 • F2, outdoor-outdoor transmission F1 • F2 and on how to use BS1-BS5 and DS1, DS2 switch.
- Do not operate the unit by short-circuiting protection device S1PH.
- Colors BLK: Black, RED: Red, BLU: Blue, WHT: White, GRN: Green, PNK: Pink, YLW: Yellow, BRN: Brown, GRY: Grey, ORG: Orange

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11 External connection diagrams

11 - 1 External Connection Diagrams

RXYCQ-A



3D051452W

NOTES

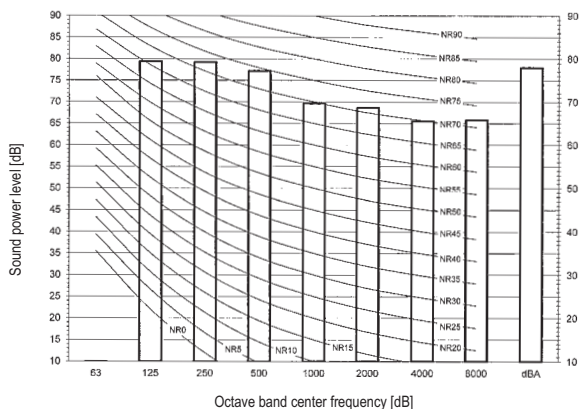
1. All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
2. Use copper conductors only.
3. As for details, see wiring diagram.
4. Install circuit breaker for safety.
5. All field wiring and components must be provided by licensed electrician.
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.
11. Must install earth leakage circuit breaker.

12 Sound data

12 - 1 Sound Power Spectrum

12

RXYCQ8A

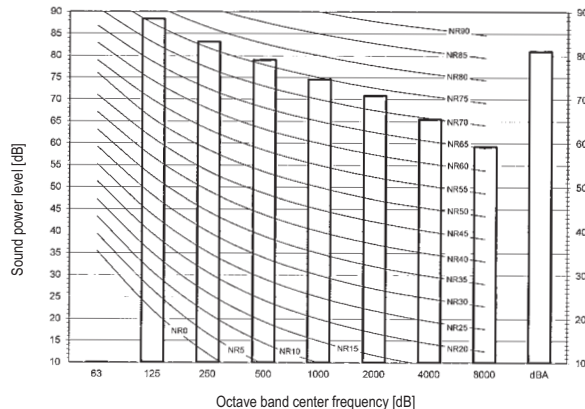


3D080775

NOTES

1. dBA = A-weighted sound power level. (A-scale according to IEC)
2. Reference acoustic intensity 0dB = 10E-6μW/m²
3. Measured according to ISO 3744

RXYCQ10A

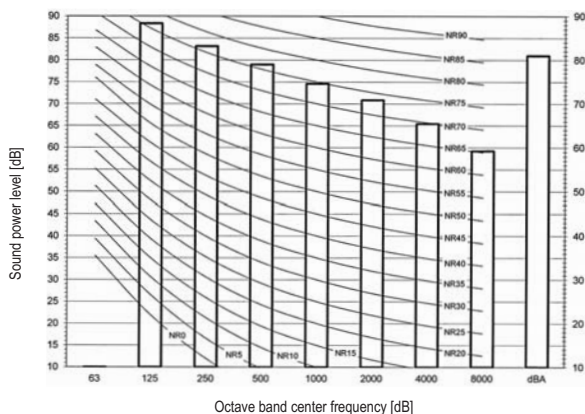


3D080773

NOTES

1. dBA = A-weighted sound power level. (A-scale according to IEC)
2. Reference acoustic intensity 0dB = 10E-6μW/m²
3. Measured according to ISO 3744

RXYCQ12A

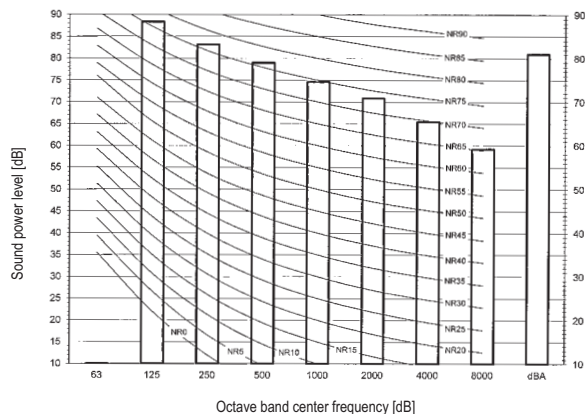


3D080776

NOTES

1. dBA = A-weighted sound power level. (A-scale according to IEC)
2. Reference acoustic intensity 0dB = 10E-6μW/m²
3. Measured according to ISO 3744

RXYCQ14A



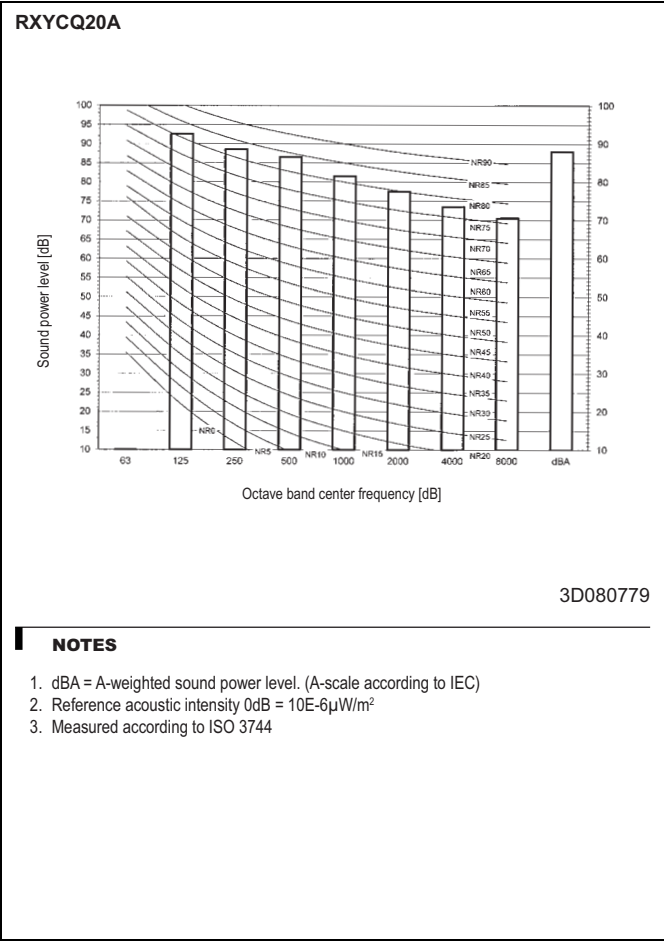
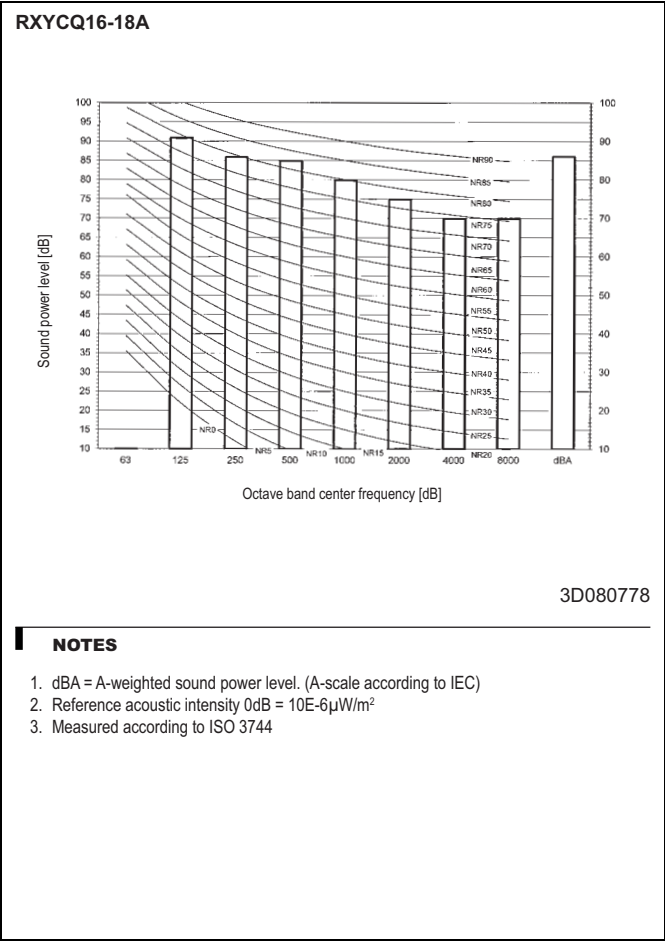
3D080777

NOTES

1. dBA = A-weighted sound power level. (A-scale according to IEC)
2. Reference acoustic intensity 0dB = 10E-6μW/m²
3. Measured according to ISO 3744

12 Sound data

12 - 1 Sound Power Spectrum

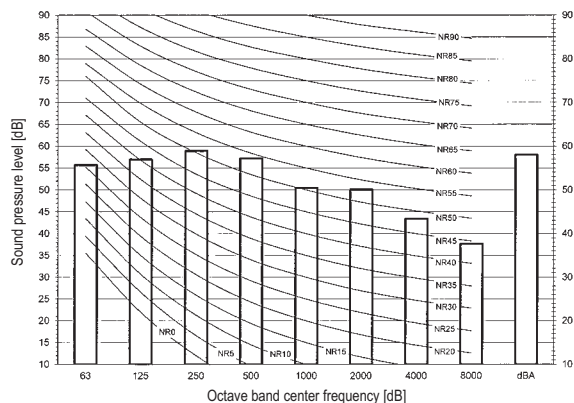


12 Sound data

12 - 2 Sound Pressure Spectrum

12

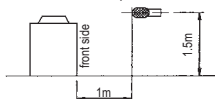
RXYCQ8A



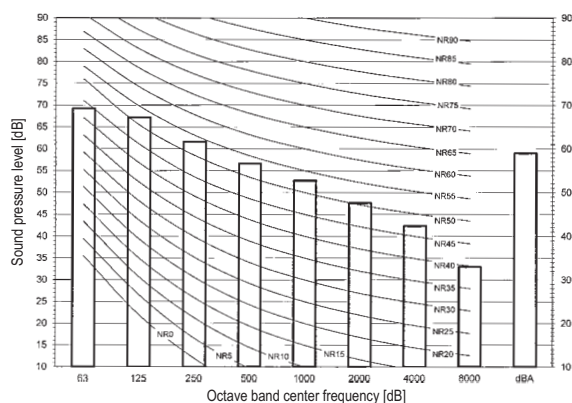
3D080770

NOTES

1. Data is valid at free field condition
2. Data is valid at nominal operation condition
3. dBA = A-weighted sound pressure level. (A-scale according to IEC)
4. Reference acoustic pressures 0dB = 20μPa
5. Location of microphone



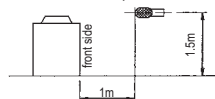
RXYCQ10A



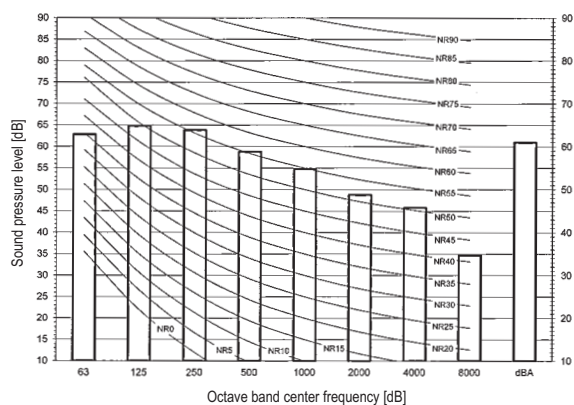
3D080769

NOTES

1. Data is valid at free field condition
2. Data is valid at nominal operation condition
3. dBA = A-weighted sound pressure level. (A-scale according to IEC)
4. Reference acoustic pressures 0dB = 20μPa
5. Location of microphone



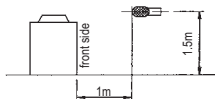
RXYCQ12A



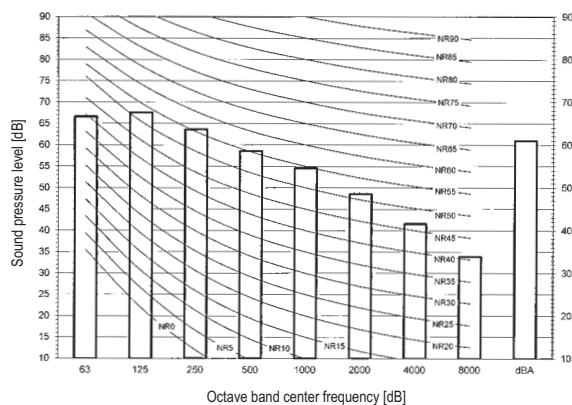
3D080771

NOTES

1. Data is valid at free field condition
2. Data is valid at nominal operation condition
3. dBA = A-weighted sound pressure level. (A-scale according to IEC)
4. Reference acoustic pressures 0dB = 20μPa
5. Location of microphone



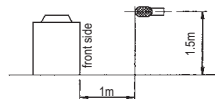
RXYCQ14A



3D080774

NOTES

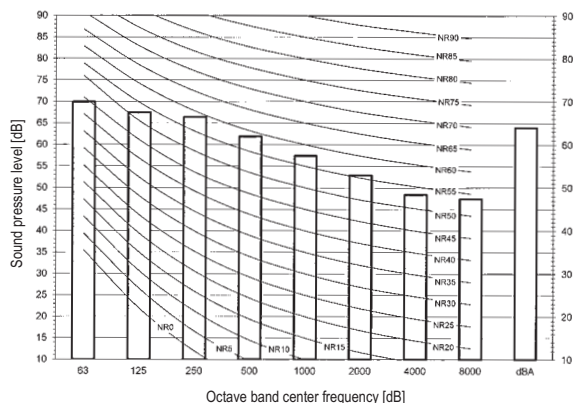
1. Data is valid at free field condition
2. Data is valid at nominal operation condition
3. dBA = A-weighted sound pressure level. (A-scale according to IEC)
4. Reference acoustic pressures 0dB = 20μPa
5. Location of microphone



12 Sound data

12 - 2 Sound Pressure Spectrum

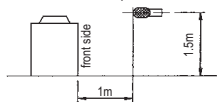
RXYCQ16A



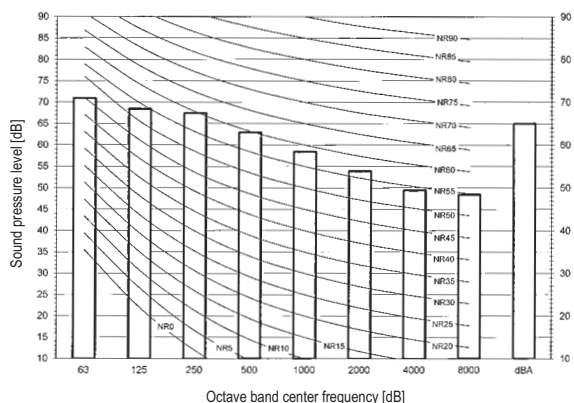
3D080772

NOTES

1. Data is valid at free field condition
2. Data is valid at nominal operation condition
3. dBA = A-weighted sound pressure level. (A-scale according to IEC)
4. Reference acoustic pressures 0dB = 20μPa
5. Location of microphone



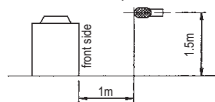
RXYCQ18A



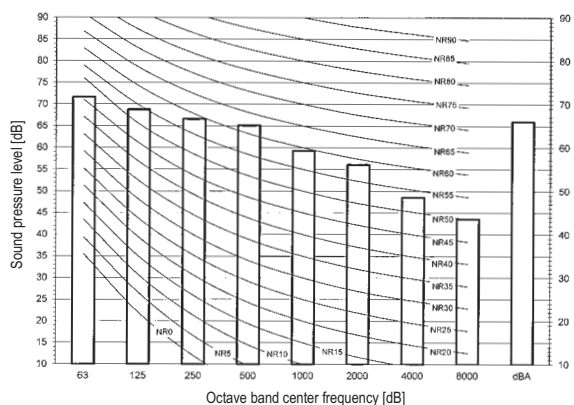
3D080761

NOTES

1. Data is valid at free field condition
2. Data is valid at nominal operation condition
3. dBA = A-weighted sound pressure level. (A-scale according to IEC)
4. Reference acoustic pressures 0dB = 20μPa
5. Location of microphone



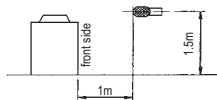
RXYCQ20A



3D080780

NOTES

1. Data is valid at free field condition
2. Data is valid at nominal operation condition
3. dBA = A-weighted sound pressure level. (A-scale according to IEC)
4. Reference acoustic pressures 0dB = 20μPa
5. Location of microphone



13 Installation

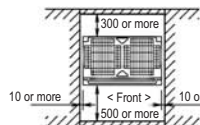
13 - 1 Service Space

13

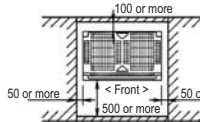
RXYCQ-A

For single unit installation

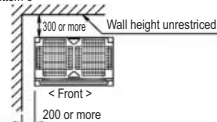
< Pattern 1 >



< Pattern 2 >

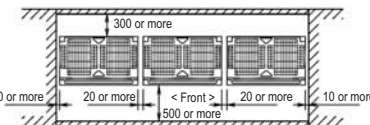


< Pattern 3 >

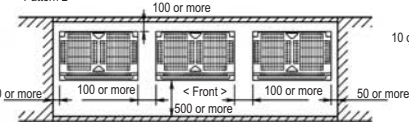


For installation in rows

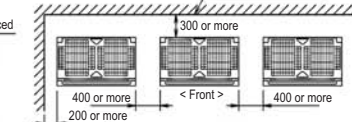
< Pattern 1 >



< Pattern 2 >

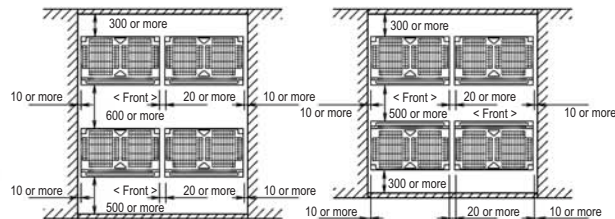


< Pattern 3 >

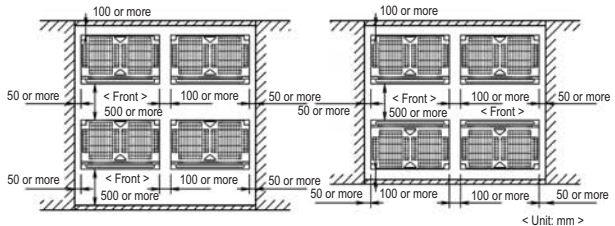


For centralized group layout

< Pattern 1 >



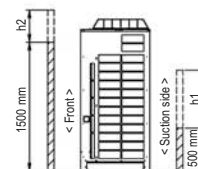
< Pattern 2 >



< Unit: mm >

NOTES

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

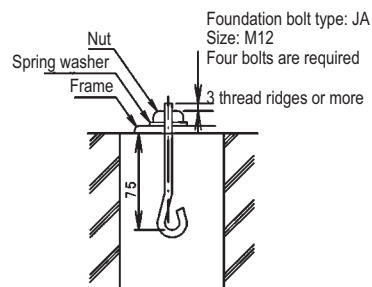
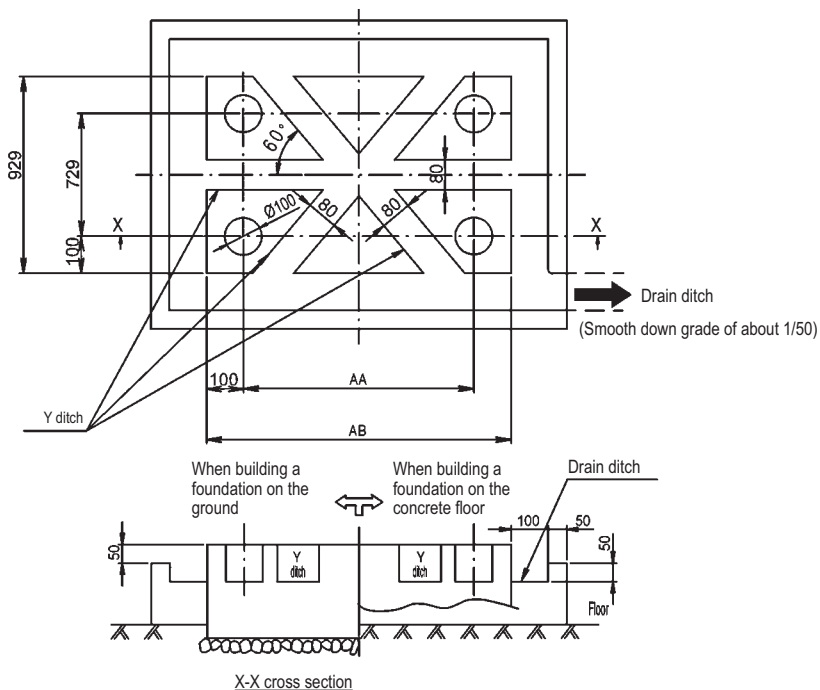


3D051451U

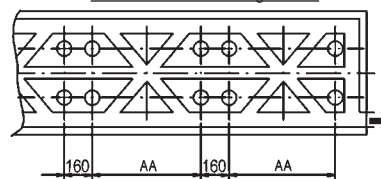
13 Installation

13 - 2 Fixation and Foundation of Units

RXYCQ-A



Foundation bolt executing method



When installing multiple units in connection

Model	A	B
RXYCQ8	497	697
RXYCQ10-14	792	992
RXYCQ16-20	1102	1302

NOTES

1. The proportions of cement: sand: gravel for the concrete shall be 1:2:4, and the reinforcement bars with a diameter of 10mm, (approx. 300 mm intervals) shall be placed.
2. The surface shall be finished with mortar. The corner edges shall be chamfered.
3. When the foundation is built 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.

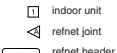
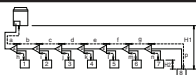
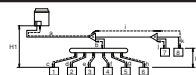
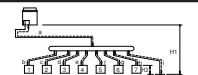
3D079547A

13 Installation

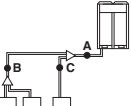
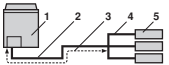
13 - 3 Refrigerant Pipe Selection

13

RXYCQ-A

Example of connection (Connection of 8 indoor units Heat pump system)		One outdoor unit installed		Branch with refnet joint		Branch with refnet joint and refnet header		Branch with refnet header														
																						
Maximum allowable length	Between outdoor and indoor units	Actual pipe length	Pipe length between outdoor(*) and indoor units ≤135 m [Example] unit 8: a+b+c+d+e+f+g+p≤135 m		[Example] unit 6: a+b+h≤135 m, unit 8: a+i+k≤135 m		[Example] unit 8: a+h≤135 m															
		Equivalent length	Equivalent pipe length between outdoor(*) and indoor units ≤155 m (Assume equivalent pipe length of refnet joint to be 0.5 m and of the refnet header to be 1.0 m. (for calculation purposes))																			
		Total extension length	Total piping length from outdoor unit to all indoor units ≤300 m																			
Allowable height	Between outdoor and indoor units	Difference in height	Difference in height between outdoor and indoor units (H1)≤30 m																			
	Between indoor and indoor units	Difference in height	Difference in height between adjacent indoor units (H2)≤15 m																			
Allowable length after the branch		Actual pipe length	Pipe length from first refrigerant branch kit (either refnet joint or refnet header) to indoor unit ≤40 m (See note 1 on next page) [Example] unit 8: b+c+d+e+f+g+p≤40 m [Example] unit 6: b+h≤40 m, unit 8: i+k≤40 m [Example] unit 8: i≤40 m																			
Refrigerant branch kit selection																						
Refrigerant branch kits can only be used with R410A.																						
			How to select the refnet joint • When using refnet joints at the first branch counted from the outdoor unit side. Choose from the following table in accordance with the capacity of the outdoor unit.			How to select the refnet header • Choose from the following table in accordance with the total capacity of all the indoor units connected below the refnet header. • Note: 250 type cannot be connected below the refnet header.																
			<table><tr><th>Outdoor unit capacity type</th><th>Refrigerant branch kit name</th></tr><tr><td>RXYCQ8</td><td>KHRQ22M20T</td></tr><tr><td>RXYCQ10-12</td><td>KHRQ22M29T9</td></tr><tr><td>RXYCQ14-20</td><td>KHRQ22M64T</td></tr></table>			Outdoor unit capacity type	Refrigerant branch kit name	RXYCQ8	KHRQ22M20T	RXYCQ10-12	KHRQ22M29T9	RXYCQ14-20	KHRQ22M64T	<table><tr><th>Indoor capacity type</th><th>Refrigerant branch kit name</th></tr><tr><td><290</td><td>KHRQ22M29H (Max. 8 branch)</td></tr><tr><td>290<x<600</td><td>KHRQ22M64H (Max. 8 branch)</td></tr></table>			Indoor capacity type	Refrigerant branch kit name	<290	KHRQ22M29H (Max. 8 branch)	290<x<600	KHRQ22M64H (Max. 8 branch)
Outdoor unit capacity type	Refrigerant branch kit name																					
RXYCQ8	KHRQ22M20T																					
RXYCQ10-12	KHRQ22M29T9																					
RXYCQ14-20	KHRQ22M64T																					
Indoor capacity type	Refrigerant branch kit name																					
<290	KHRQ22M29H (Max. 8 branch)																					
290<x<600	KHRQ22M64H (Max. 8 branch)																					
			• For refnet joints other than the first branch, select the proper branch kit model based on the total capacity index.																			
			<table><tr><th>Indoor capacity type</th><th>Refrigerant branch kit name</th></tr><tr><td><200</td><td>KHRQ22M20T</td></tr><tr><td>200<x<290</td><td>KHRQ22M29T9</td></tr><tr><td>290<x<600</td><td>KHRQ22M64T</td></tr></table>			Indoor capacity type	Refrigerant branch kit name	<200	KHRQ22M20T	200<x<290	KHRQ22M29T9	290<x<600	KHRQ22M64T									
Indoor capacity type	Refrigerant branch kit name																					
<200	KHRQ22M20T																					
200<x<290	KHRQ22M29T9																					
290<x<600	KHRQ22M64T																					
Example of downstream indoor units		[Example] in case of refnet joint C; indoor units 3+4+5+6+7+8		[Example] in case of refnet joint B; indoor units 7+8, in case of refnet header; indoor units 1+2+3+4+5+6		[Example] in case of refnet header; indoor units 1+2+3+4+5+6+7+8																

4P327528-1(1)

Pipe size selection 	A. Piping between outdoor unit and refrigerant branch kit • Choose from the following table in accordance with the outdoor unit total capacity type, connected downstream. Outdoor unit connection piping size <table><tr><th>Outdoor unit capacity type</th><th colspan="2">Piping size (outer diameter) (mm)</th></tr><tr><th></th><th>Gas pipe</th><th>Liquid pipe</th></tr><tr><td>RXYCQ8</td><td>Ø15.9</td><td rowspan="3">Ø9.5</td></tr><tr><td>RXYCQ10</td><td>Ø19.1</td></tr><tr><td>RXYCQ12</td><td>Ø22.2</td></tr><tr><td>RXYCQ14-18</td><td></td><td>Ø12.7</td></tr><tr><td>RXYCQ20</td><td>Ø28.6</td><td>Ø15.9</td></tr></table>	Outdoor unit capacity type	Piping size (outer diameter) (mm)			Gas pipe	Liquid pipe	RXYCQ8	Ø15.9	Ø9.5	RXYCQ10	Ø19.1	RXYCQ12	Ø22.2	RXYCQ14-18		Ø12.7	RXYCQ20	Ø28.6	Ø15.9	B. Piping between refrigerant branch kits • Choose from the following table in accordance with the total capacity of all the indoor units connected below this. • Do not let the connection piping exceed the refrigerant piping size chosen by general system model name. <table><tr><th>Indoor or outdoor unit total capacity</th><th colspan="2">Piping size (outer diameter) (mm)</th></tr><tr><th></th><th>Gas pipe</th><th>Liquid pipe</th></tr><tr><td><150</td><td>Ø15.9</td><td rowspan="3">Ø9.5</td></tr><tr><td>150<x<200</td><td>Ø19.1</td></tr><tr><td>200<x<290</td><td>Ø22.2</td></tr><tr><td>290<x<420</td><td></td><td>Ø12.7</td></tr><tr><td>420<x<600</td><td>Ø28.6</td><td>Ø15.9</td></tr></table>	Indoor or outdoor unit total capacity	Piping size (outer diameter) (mm)			Gas pipe	Liquid pipe	<150	Ø15.9	Ø9.5	150<x<200	Ø19.1	200<x<290	Ø22.2	290<x<420		Ø12.7	420<x<600	Ø28.6	Ø15.9	C. Piping between refrigerant branch kit and indoor unit • Pipe size for direct connection to indoor unit must be the same as the connection size of indoor unit. <table><tr><th>Indoor capacity type</th><th colspan="2">Piping size (outer diameter) (mm)</th></tr><tr><th></th><th>Gas pipe</th><th>Liquid pipe</th></tr><tr><td>20-50</td><td>Ø12.7</td><td rowspan="3">Ø9.5</td></tr><tr><td>63-125</td><td>Ø15.9</td></tr><tr><td>200</td><td>Ø19.1</td></tr><tr><td>250</td><td>Ø22.2</td><td></td></tr></table>	Indoor capacity type	Piping size (outer diameter) (mm)			Gas pipe	Liquid pipe	20-50	Ø12.7	Ø9.5	63-125	Ø15.9	200	Ø19.1	250	Ø22.2	
Outdoor unit capacity type	Piping size (outer diameter) (mm)																																																								
	Gas pipe	Liquid pipe																																																							
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RXYCQ12	Ø22.2																																																								
RXYCQ14-18		Ø12.7																																																							
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290<x<420		Ø12.7																																																							
420<x<600	Ø28.6	Ø15.9																																																							
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63-125	Ø15.9																																																								
200	Ø19.1																																																								
250	Ø22.2																																																								
When the equivalent pipe length between outdoor and indoor units is 90 m or more, the size of the main pipes (both gas side and liquid side) must be increased. Depending on the length of the piping, the capacity may drop, but even in such a case it is possible to increase the size of the main pipes. <table><tr><th></th><th>Gas side</th><th>Liquid side</th></tr><tr><td>RXYCQ8</td><td>Ø15.9 → Ø19.1</td><td>Ø9.5 —</td></tr><tr><td>RXYCQ10</td><td>Ø19.1 → Ø22.2</td><td>Ø9.5 → Ø12.7</td></tr><tr><td>RXYCQ12</td><td>Ø22.2 → Ø25.4^(a)</td><td>Ø12.7 → Ø15.9</td></tr><tr><td>RXYCQ14+16</td><td>Ø28.6 —</td><td>Ø15.9 → Ø19.1</td></tr><tr><td>RXYCQ18+20</td><td>Ø28.6 → Ø31.8^(a)</td><td>— Increase is not allowed</td></tr></table> — Increase is not allowed (a) If not available, increase is not allowed  1 Outdoor unit 2 Main pipes 3 Increase 4 First refrigerant branch kit 5 Indoor unit					Gas side	Liquid side	RXYCQ8	Ø15.9 → Ø19.1	Ø9.5 —	RXYCQ10	Ø19.1 → Ø22.2	Ø9.5 → Ø12.7	RXYCQ12	Ø22.2 → Ø25.4 ^(a)	Ø12.7 → Ø15.9	RXYCQ14+16	Ø28.6 —	Ø15.9 → Ø19.1	RXYCQ18+20	Ø28.6 → Ø31.8 ^(a)	— Increase is not allowed																																				
	Gas side	Liquid side																																																							
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RXYCQ14+16	Ø28.6 —	Ø15.9 → Ø19.1																																																							
RXYCQ18+20	Ø28.6 → Ø31.8 ^(a)	— Increase is not allowed																																																							
How to calculate the additional refrigerant to be charged Additional refrigerant to be charged R (kg) R should be rounded off in units of 0.1 kg	R = [(X1 × Ø19.1) × 0.26] + [(X2 × Ø15.9) × 0.18] + [(X3 × Ø12.7) × 0.12] + [(X4 × Ø9.5) × 0.059] + [(X5 × Ø6.4) × 0.022] + A X1... = Total length (m) of liquid piping size at Ø6 A = Weight according to table When using metric piping, see note 2.																																																								
	<table><tr><td rowspan="2">1x</td><td rowspan="2"></td><td colspan="2">A</td></tr><tr><td>8-14</td><td>0 kg</td></tr><tr><td></td><td></td><td>16-20</td><td>1 kg</td></tr></table>			1x		A		8-14	0 kg			16-20	1 kg																																												
1x		A																																																							
		8-14	0 kg																																																						
		16-20	1 kg																																																						
	Example for refrigerant branch using refnet joint If the outdoor unit is RXYCQ20A and the piping lengths are as below <table><tr><td>a: Ø15.9x30 m</td><td>b: Ø12.7x5 m</td><td>c: Ø6.4x3 m</td><td>m: Ø9.5x3 m</td></tr><tr><td>b: Ø15.9x5 m</td><td>d: Ø12.7x5 m</td><td>n: Ø9.5x3 m</td><td>n: Ø9.5x3 m</td></tr><tr><td>c: Ø15.9x5 m</td><td>g: Ø9.5x5 m</td><td>k: Ø6.4x3 m</td><td>p: Ø9.5x3 m</td></tr><tr><td>d: Ø12.7x5 m</td><td>h: Ø6.4x3 m</td><td>l: Ø6.4x3 m</td><td></td></tr></table> R = [40x0.18]+[15x0.12]+[17x0.059]+[12x0.022] = 10.27 ⇒ R = 10.3 kg			a: Ø15.9x30 m	b: Ø12.7x5 m	c: Ø6.4x3 m	m: Ø9.5x3 m	b: Ø15.9x5 m	d: Ø12.7x5 m	n: Ø9.5x3 m	n: Ø9.5x3 m	c: Ø15.9x5 m	g: Ø9.5x5 m	k: Ø6.4x3 m	p: Ø9.5x3 m	d: Ø12.7x5 m	h: Ø6.4x3 m	l: Ø6.4x3 m																																							
a: Ø15.9x30 m	b: Ø12.7x5 m	c: Ø6.4x3 m	m: Ø9.5x3 m																																																						
b: Ø15.9x5 m	d: Ø12.7x5 m	n: Ø9.5x3 m	n: Ø9.5x3 m																																																						
c: Ø15.9x5 m	g: Ø9.5x5 m	k: Ø6.4x3 m	p: Ø9.5x3 m																																																						
d: Ø12.7x5 m	h: Ø6.4x3 m	l: Ø6.4x3 m																																																							

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Note 1

Allowable length after the first refrigerant branch kit to indoor units is 40 m or less, however it can be extended up to 90 m if all the following conditions are fulfilled.

Required conditions

It is necessary to increase the pipe size of the liquid and the gas pipe if the pipe length between the first and the final branch kit is over 40 m (reducers must be procured on site).
 If the increased pipe size is larger than the pipe size of the main pipe, then the pipe size of the main pipe needs to be increased as well.

For calculation of total extension length, the actual length of above pipes must be doubled. (except main pipe and the pipes that not increase the pipe size)
 Indoor unit to the nearest branch kit ≤40 m
 The difference between the distance of the outdoor unit to the farthest indoor unit and the distance of the outdoor unit to the nearest indoor unit ≤40 m



Note 2

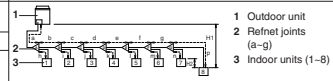
When using metric piping, please take into account following table concerning the weight factor to be allocated. It should be substituted in the formula for R.

Inch piping	Weight factor	Metric piping	Weight factor
Ø6.4	0.022	Ø6	0.018
Ø9.52	0.056	Ø10	0.065
Ø12.7	0.12	Ø12	0.097
Ø15.9	0.18	Ø15	0.16
		Ø16	0.18
Ø19.1	0.26	Ø18	0.24
Ø22.2	0.37	Ø22	0.35

Example drawings

Indoor unit 8:
 b+c+d+e+f+g+p≤90 m
 increase the pipe size of b, c, d, e, f, g
 a+b*2+c*2+d*2+e*2+f*2+g*2+h+i+j+k+l+m+n+p≤1000 m
 h, i, j, ..., p≤40 m
 The farthest indoor unit 8
 (a+b+c+d+e+f+g+p)-(a+h)≤40 m

Increase the pipe size as follows
 Ø9.5 → Ø12.7 Ø15.9 → Ø19.1 Ø22.2 → Ø25.4*
 Ø12.7 → Ø15.9 Ø19.1 → Ø22.2 Ø28.6 → Ø31.8*
 * If available on the site. Otherwise it can not be increased.

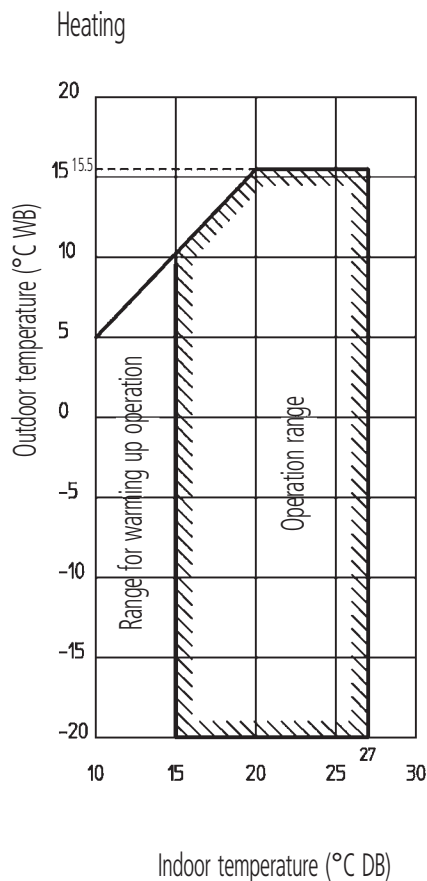
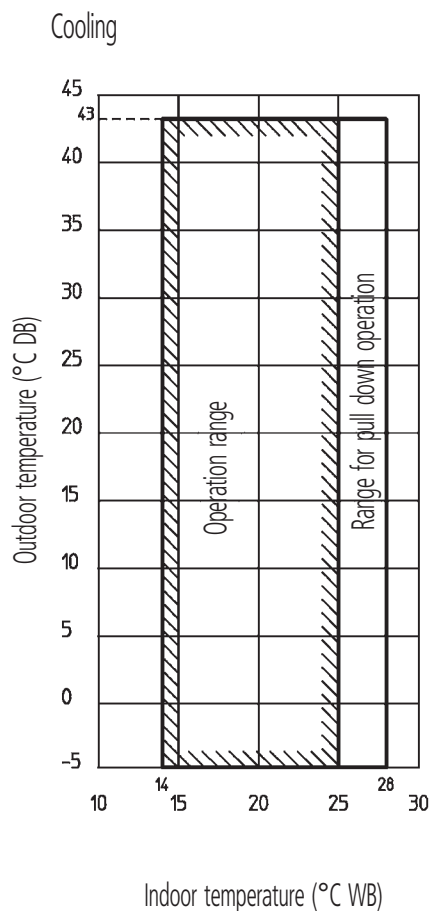


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14 Operation range

14 - 1 Operation Range

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NOTES

- These figures assume the following operation conditions:
indoor and outdoor units:
 - equivalent pipe length: 7.5 m
 - level difference: 0 m
- Depending on operation and installation conditions, the indoor unit can change over to freeze-up operation (indoor de-icing).
- 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.



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 intention 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.



These products are not within the scope of the Eurovent certification program

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