DAIKIN

Air Conditioners

Technical Data

VRV®

Water cooled - Geothermal series (Heat recovery - Heat pump)

EEDEN10-201

RWEYQ-PY1R

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RWEYQ-PY1R

TABLE OF CONTENTS

Geothermal series RWEYQ-PY1R

1 Specifications

1-1 Independent Unit	RWEYQ8PY1R	RWEYQ10PY1R
Outdoor Unit	RWEYQ8PY1R	RWEYQ10PY1R

1-2 Technical Specifications				RWEYQ8PY1R	RWEYQ10PY1R
Capacity	Cooling	kW		22.4	26.1
	Heating	kW		25.0	31.5
EER	Cooling			4.92	4.43
COP	Heating			5.90	5.21
Casing	Colour			Ivory white (5Y7,5/1)	
Dimensions	Unit	Height	mm	1,000	
		Width	mm	780	780
		Depth	mm	550	550
Weight	Unit		kg	149	150
Heat Exchanger	Dimensions	Type		Stainless steel plate	
Compressor	Piston displacement		m^3/h	14.61	14.61
	Motor	Type		Hermetically sealed scroll compressor	
		Speed	rpm	6,900	
		Motor Output	kW	4.0	4.2
		Starting Method		Soft start	
Sound level	Cooling	Sound Pressure (Nominal)	dBA	50	51
Inlet water temperature	Cooling		°C	6~45	
	Heating		°C	-10~45	
Refrigerant	Name			R-410A	
	Charge		kg	3.5	4.2
	Control			Expansion valve (electronic type)	
Refrigerant Oil	Name			Synthetic (ether) oil	
Piping connections	Liquid (OD)	Type		Flare connection	
		Diameter (OD)	mm	9.52	9.52
	Gas (in case of heat recovery)	Type		Braze connection	
		Diameter (OD)	mm	19.1	22.2
	Discharge Gas (in case of heat recovery)	Type		Braze connection	
		Diameter (OD)	mm	15.9	19.1
	Discharge Gas (in case of heat pump)	Type		Braze connection	
		Diameter (OD)	mm	19.1	22.2
	Water inlet			PT1 1/4B internal thread	
	Water outlet			PT1 1/4B internal thread	
	Drain outlet			PS1 1/2B internal thread	
	Max total length		m	300	
	Level difference OU-IU		m	Contact your local dealer for more information	
Max n° of indoor units to be connected				13	16
Capacity Control				23 to 100	
Safety devices				HPS	
				Inverter overload protector	
				Fusible plugs	
Standard Accessories	Standard Accessories			Installation manual	
				Operation manual	
				Connection pipes	
				Clamps	
Notes				Nominal cooling capacities are based on : indoor temperature : 27°CDB, 19°CWB, inlet water temperature : 30°C, equivalent refrigerant piping : 7.5m, level difference : 0m.	
				Nominal heating capacities are based on : indoor temperature : 20°CDB, inlet water temperature : 20°C, equivalent refrigerant piping : 7.5m, level difference : 0m	
				This unit should not be installed outdoors, but indoors eg. in a machine room, etc.	
				Hold ambient temperature at 0-46°C and humidity at 80%RH or less. Heat rejection from the casing: 0.64kW/8HP	Hold ambient temperature at 0-40°C and humidity at 80%RH or less. Heat rejection from the casing: 0.71kW/10HP

1 Specifications

1-3 Electrical Specifications (50Hz)			RWEYQ8PY1R	RWEYQ10PY1R
Power Supply	Phase		3~	
	Frequency	Hz	50	
	Voltage	V	380-415	
Current	Maximum Running Current	A	7.2	9.5
	Minimum circuit amps (MCA)	A	12.6	12.6
	Maximum fuse amps (MFA)	A	25	25
	Total overcurrent amps (TOCA)	A	13.5	13.5
Voltage range	Minimum	V	342	342
	Maximum	V	456	456
Notes			RLA is based on the following conditions: Indoor: 27°CDB, 19°CWB, Inlet water: 30°C	
			TOCA means the total value of each OC set	
			MSC means the maximum current during start up of the compressor	
			Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits	
			Maximum allowable voltage range variation between phases is 2%	
			Select wire size based on the larger value of MCA or TOCA	
			MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)	

2 Electrical data

RWEYQ-PR

Models	Units				Power supply			Input (W)	
	Hz	Volts	min.	max.	MCA	TOCA	MFA	MSC	RLA
RWEYQ8PR	50	380	342	456	12.6	13.5	25	-	7.5
		400						-	7.2
		415						-	6.9
RWEYQ10PR	50	380	342	456	12.6	13.5	25	-	9.9
		400						-	9.5
		415						-	9.1

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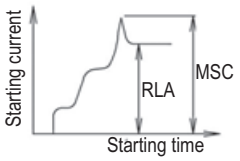
SYMBOLS

1 MCA: Min. Circuit Amps. (A)
TOCA: Total Over-current Amps (A)
MFA: Max. Fuse Amps (A)
MSC: Max. Starting current
RLA: Rated Load Amps. (A)

NOTES

2 RLA is based on the following conditions.
Indoor temp.: 27°C DB, 19°C WB
Inlet water temp. / 30°C
3 TOCA means the total value of each OC set.
4 MSC means the max. current during the starting orf compressor.
5 Voltage range
Units are suitable for use on electical systems where voltage supplied to unit terminal is not below or above listed range limits.
6 Maximum allowable voltage variation between phases is 2%.
7 Select wire size based on the larger value of MCA or TOCA.
8 MFA is used to select the sircuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).



3 Options

3 - 1 Option list

RWEYQ-PR

		Models	
Optional accessories		RWEYQ8PR	RWEYQ10PR
Cool / Heat selector		KRC19-26A	
Fixing box		KJB111A	
Distributive piping	Refnet header - heat recovery	KHRQ23M29H	
	Refnet header - heat pump	KHRQ22M29H	
	Refnet joint - heat recovery	KHRQ23M20T, KHRQ23M29T9	
	Refnet joint - heat pump	KHRQ22M20T, KHRQ22M29T9	
	Outside unit multi connection piping kit	-	
External control adapter for outdoor unit		DTA104A62	
Strainer kit		BWU26A15, BWU26A20	

3D062157

NOTES

1 Refer to the latest drawing.

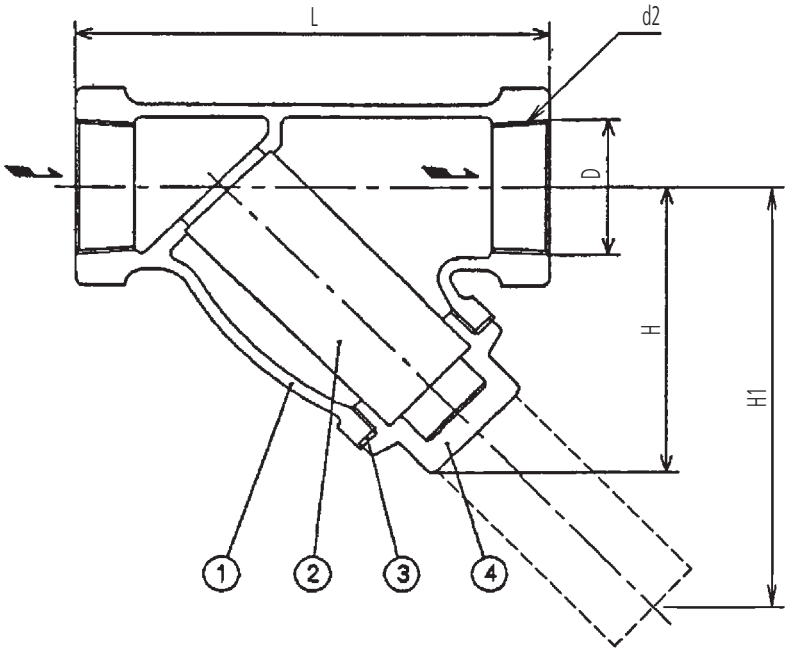
2 In the case of heat recovery system, COOL/HEAT selector cannot be connected.

3 Options

3 - 1 Option list

3 - 1 - 1 Water piping strainer (BWU26A15/BWU26A20)

3 - 1 - 1 - 1 Dimension



	Dimension					Material			
	Diameter	H	L	d2	H1	①	②	③	④
BWU26A15	1 1/4	82	135	RC1 1/4	130	CAC	SUS304	Non Abestos Casket	C377BEE
BWU26A20	1 1/4	90	135	RC1 1/4	130	FCD-S	SUS304	Non Abestos Seet Gasket	C3771BE

3 - 1 - 1 - 2 Specification

Use fluid: Pluse water of 100°C or less

Use temperature: 0°C ~ 70°C

Design pressure: BWU26A15 (1.4 Mpa), BWU26A20 (1.96 Mpa)

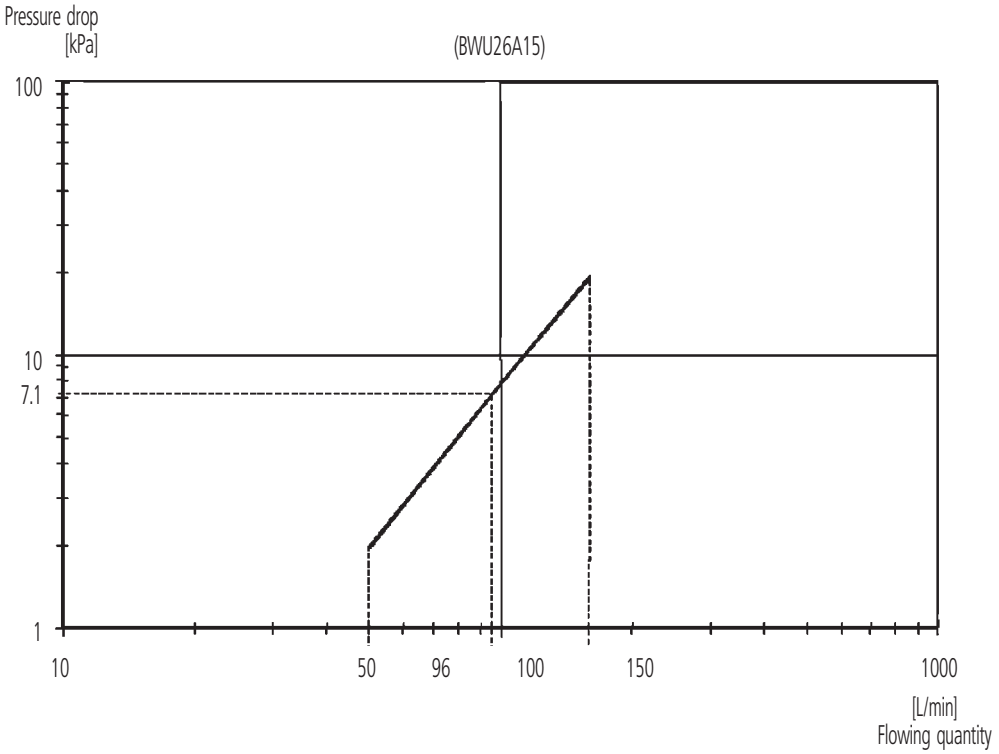
Mesh size: 50 mesh

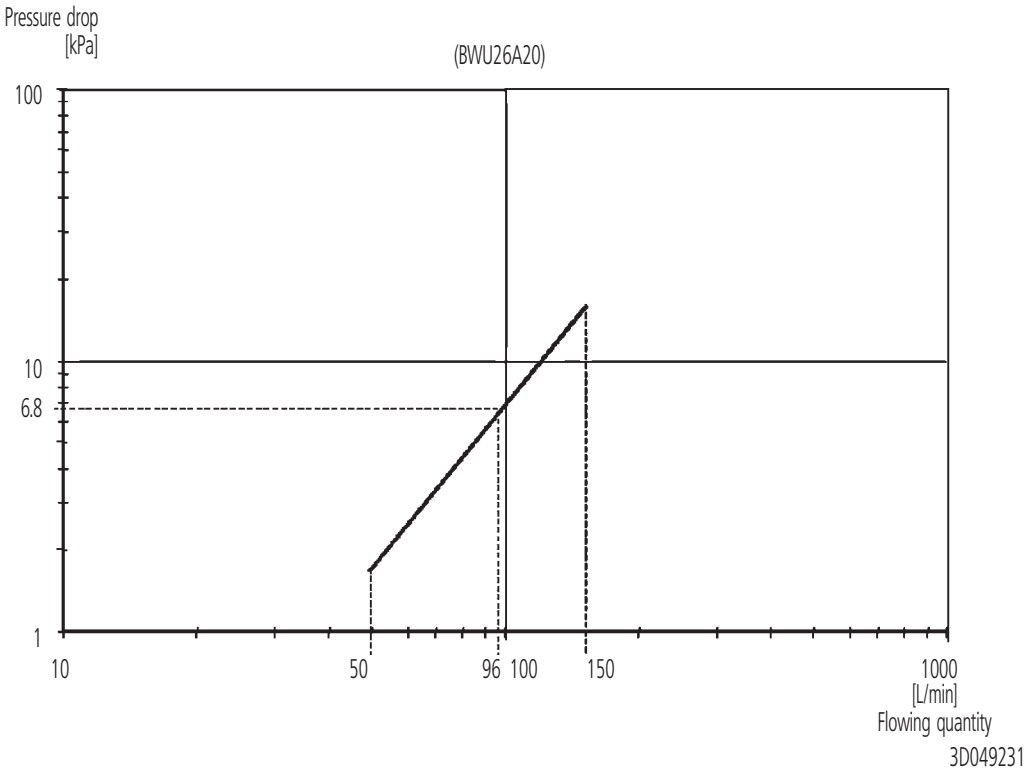
3 Options

3 - 1 Option list

3 - 1 - 1 Water piping strainer (BWU26A15/BWU26A20)

3 - 1 - 1 - 3 Flowing quantity characteristic





4 Capacity tables

4 - 1 Water flow head loss

RWEYQ-PR

Water Flow Head loss

Water volume	L/min	50	60	80	96	120	150
Head loss	kPa	11.3	19.0	25.3	26.5	39.6	52.5
	mH_2O	1.2	1.9	2.5	2.7	4.1	5.3
Head loss (30% glycol)	kPa	17.0	22.5	38.0	39.8	59.4	78.8
Head loss (40% glycol)	kPa	20.3	34.8	45.5	47.7	71.3	94.5

* This value shows the amount of head loss per one unit.

CA08A496A

4 Capacity tables

4 - 2 Cooling capacity tables with brine (30%)

RWEYQ8PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CWB																							
			14.0			16.0			18.0			19.0			20.0			22.0			24.0					
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT			
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C			
100	10	80	15.1	1.80	13.0	18.0	2.31	13.6	20.9	2.89	14.3	22.4	3.20	14.6	23.9	3.53	14.9	26.0	3.72	15.3	26.6	3.74	15.4			
		96	15.1	1.73	12.5	18.0	2.22	13.0	20.9	2.77	13.5	22.4	3.08	13.8	23.9	3.39	14.1	26.2	3.63	14.5	26.8	3.65	14.6			
		120	15.1	1.66	12.0	18.0	2.12	12.4	20.9	2.65	12.8	22.4	2.94	13.0	23.9	3.24	13.2	26.5	3.53	13.6	27.1	3.56	13.7			
		150	15.1	1.61	11.6	18.0	2.06	11.9	20.9	2.57	12.2	22.4	2.85	12.4	23.9	3.15	12.6	26.6	3.47	12.9	27.3	3.49	12.9			
	15	80	15.1	1.85	18.0	18.0	2.37	18.7	20.9	2.97	19.3	22.4	3.30	19.6	23.9	3.64	19.9	25.4	3.79	20.2	26.0	3.82	20.3			
		96	15.1	1.78	17.5	18.0	2.28	18.0	20.9	2.85	18.6	22.4	3.17	18.8	23.9	3.49	19.1	25.6	3.70	19.4	26.2	3.73	19.5			
		120	15.1	1.70	17.0	18.0	2.18	17.4	20.9	2.73	17.8	22.4	3.03	18.0	23.9	3.34	18.2	25.8	3.60	18.5	26.4	3.63	18.6			
		150	15.1	1.65	16.6	18.0	2.12	16.9	20.9	2.65	17.3	22.4	2.94	17.4	23.9	3.24	17.6	26.0	3.54	17.8	26.6	3.56	17.9			
	20	80	15.1	1.91	23.1	18.0	2.46	23.7	20.9	3.08	24.3	22.4	3.41	24.6	23.9	3.77	25.0	24.7	3.88	25.1	25.2	3.91	25.2			
		96	15.1	1.84	22.5	18.0	2.36	23.0	20.9	2.96	23.6	22.4	3.28	23.8	23.9	3.62	24.1	24.9	3.79	24.3	25.5	3.82	24.4			
		120	15.1	1.76	22.0	18.0	2.26	22.4	20.9	2.83	22.8	22.4	3.13	23.1	23.9	3.46	23.3	25.1	3.69	23.4	25.7	3.71	23.5			
		150	15.1	1.71	21.6	18.0	2.19	21.9	20.9	2.74	22.3	22.4	3.04	22.4	23.9	3.36	22.6	25.3	3.62	22.8	25.9	3.65	22.8			
	25	80	15.1	2.23	28.1	18.0	2.88	28.7	20.9	3.61	29.4	22.4	4.01	29.7	23.3	4.26	29.9	23.9	4.30	30.1	24.4	4.33	30.2			
		96	15.1	2.15	27.6	18.0	2.77	28.1	20.9	3.47	28.6	22.4	3.85	28.9	23.5	4.16	29.1	24.1	4.20	29.2	24.7	4.23	29.3			
		120	15.1	2.05	27.1	18.0	2.65	27.5	20.9	3.32	27.9	22.4	3.68	28.1	23.8	4.05	28.3	24.4	4.08	28.4	24.9	4.11	28.5			
		150	15.1	2.00	26.6	18.0	2.57	27.0	20.9	3.22	27.3	22.4	3.57	27.5	23.9	3.95	27.7	24.5	4.01	27.7	25.1	4.04	27.8			
	30	80	15.1	2.63	33.2	18.0	3.41	33.8	20.9	4.29	34.5	22.2	4.72	34.8	22.5	4.74	34.9	23.1	4.78	35.0	23.6	4.81	35.1			
		96	15.1	2.53	32.6	18.0	3.28	33.2	20.9	4.12	33.7	22.4	4.58	34.0	22.7	4.62	34.1	23.3	4.66	34.2	23.8	4.69	34.3			
		120	15.1	2.42	32.1	18.0	3.13	32.5	20.9	3.94	33.0	22.4	4.38	33.2	22.9	4.50	33.3	23.5	4.54	33.4	24.0	4.57	33.4			
		150	15.1	2.35	31.7	18.0	3.04	32.0	20.9	3.82	32.4	22.4	4.25	32.5	23.1	4.42	32.6	23.7	4.45	32.7	24.2	4.48	32.7			
	35	80	15.1	3.14	38.3	18.0	4.08	39.0	20.9	5.15	39.7	21.4	5.25	39.8	21.7	5.27	39.8	22.2	5.31	39.9	22.6	5.34	40.0			
		96	15.1	3.02	37.7	18.0	3.92	38.3	20.9	4.95	38.9	21.5	5.12	39.0	21.8	5.14	39.0	22.4	5.18	39.1	22.8	5.21	39.2			
		120	15.1	2.89	37.2	18.0	3.75	37.6	20.9	4.73	38.1	21.7	4.98	38.2	22.1	5.00	38.2	22.6	5.04	38.3	23.0	5.07	38.4			
		150	15.1	2.80	36.7	18.0	3.64	37.1	20.9	4.58	37.4	21.9	4.89	37.6	22.2	4.91	37.6	22.7	4.95	37.6	23.2	4.98	37.7			
	40	80	15.1	3.78	43.4	18.0	4.93	44.1	20.1	5.81	44.7	20.4	5.84	44.7	20.7	5.86	44.8	21.2	5.90	44.9	21.6	5.93	44.9			
		96	15.1	3.63	42.8	18.0	4.74	43.4	20.3	5.67	43.9	20.6	5.70	43.9	20.9	5.72	44.0	21.4	5.76	44.1	21.8	5.79	44.1			
		120	15.1	3.47	42.2	18.0	4.53	42.7	20.5	5.52	43.1	20.8	5.54	43.1	21.1	5.57	43.2	21.6	5.61	43.2	22.0	5.64	43.3			
		150	15.1	3.37	41.8	18.0	4.40	42.1	20.6	5.42	42.5	20.9	5.44	42.5	21.2	5.47	42.6	21.7	5.51	42.6	22.1	5.54	42.6			
	45	80	15.1	4.39	48.5	15.6	4.44	48.6	16.1	4.48	48.7	16.3	4.49	48.7	16.4	4.50	48.8	16.6	4.51	48.8	16.7	4.50	48.8			
		96	15.1	4.24	47.9	16.7	4.82	48.2	17.2	4.87	48.3	17.4	4.89	48.3	17.6	4.90	48.4	17.9	4.92	48.4	18.1	4.92	48.4			
		120	15.1	4.10	47.3	17.9	5.32	47.8	18.4	5.37	47.8	18.7	5.40	47.9	18.9	5.42	47.9	19.3	5.45	48.0	19.6	5.46	48.0			
		150	15.1	4.07	46.8	18.0	5.33	47.2	19.5	5.88	47.4	19.7	5.90	47.5	20.0	5.93	47.5	20.4	5.97	47.5	20.8	5.99	47.6			
90	10	80	13.6	1.56	12.7	16.2	1.98	13.3	18.9	2.46	13.8	20.2	2.72	14.1	21.5	3.00	14.4	24.1	3.59	15.0	26.0	3.72	15.3			
		96	13.6	1.50	12.3	16.2	1.91	12.7	18.9	2.37	13.2	20.2	2.62	13.4	21.5	2.88	13.6	24.1	3.45	14.1	26.2	3.63	14.5			
		120	13.6	1.44	11.8	16.2	1.83	12.2	18.9	2.27	12.5	20.2	2.50	12.7	21.5	2.75	12.9	24.1	3.29	13.3	26.5	3.53	13.6			
		150	13.6	1.40	11.4	16.2	1.77	11.7	18.9	2.20	12.0	20.2	2.43	12.2	21.5	2.67	12.3	24.1	3.20	12.6	26.6	3.47	12.9			
	15	80	13.6	1.60	17.7	16.2	2.04	18.3	18.9	2.53	18.8	20.2	2.80	19.1	21.5	3.09	19.4	24.1	3.70	20.0	25.4	3.79	20.2			
		96	13.6	1.54	17.3	16.2	1.96	17.7	18.9	2.44	18.2	20.2	2.69	18.4	21.5	2.96	18.6	24.1	3.55	19.1	25.6	3.70	19.4			
		120	13.6	1.48	16.8	16.2	1.88	17.2	18.9	2.33	17.5	20.2	2.58	17.7	21.5	2.83	17.9	24.1	3.39	18.3	25.8	3.60	18.5			
		150	13.6	1.44	16.4	16.2	1.82	16.7	18.9	2.26	17.0	20.2	2.50	17.2	21.5	2.75	17.3	24.1	3.29	17.6	26.0	3.54	17.8			
	20	80	13.6	1.65	22.7	16.2	2.11	23.3	18.9	2.62	23.8	20.2	2.90	24.1	21.5	3.20	24.4	24.1	3.83	25.0	24.7	3.88	25.1			
		96	13.6	1.59	22.3	16.2	2.03	22.7	18.9	2.52	23.2	20.2	2.79	23.4	21.5	3.07	23.7	24.1	3.68	24.1	24.9	3.79	24.3			
		120	13.6	1.53	21.8	16.2	1.94	22.2	18.9	2.41	22.5	20.2	2.67	22.7	21.5	2.94	22.9	24.1	3.51	23.3	25.1	3.69	23.4			
		150	13.6	1.48	21.4	16.2	1.89	21.7	18.9	2.34	22.0	20.2	2.59	22.2	21.5	2.85	22.3	24.1	3.41	22.6	25.3	3.62	22.8			
	25	80	13.6	1.93	27.8	16.2	2.47	28.4	18.9	3.08	28.9	20.2	3.41	29.2	21.5	3.76	29.5	23.4	4.27	30.0	23.9	4.30	30.1			
		96	13.6	1.86	27.3	16.2	2.37	27.8	18.9	2.96	28.3	20.2	3.27	28.5	21.5	3.61	28.7	23.6	4.17	29.1	24.1	4.20	29.2			
		120	13.6	1.78	26.8	16.2	2.27	27.2	18.9	2.83	27.6	20.2	3.13	27.8	21.5	3.45	28.0	23.8	4.05	28.3	24.4	4.08	28.4			
		150	13.6	1.73	26.5	16.2	2.21	26.8	18.9	2.74	27.1	20.2	3.04	27.2	21.5	3.35	27.4	24.0	3.98	27.7	24.5	4.01	27.7			
	30	80	13.6	2.27	32.8	16.2	2.92	33.4	18.9	3.65	34.0	20.2	4.04	34.3	21.5	4.46	34.6	22.6	4.74	34.9	23.1	4.78	35.0			
		96	13.6	2.18	32.4	16.2	2.80	32.8	18.9	3.50	33.3	20.2	3.88	33.6	21.5	4.29	33.8	22.8	4.63	34.1	23.3	4.66	34.2			
		120	13.6	2.09	31.9	16.2	2.68	32.3	18.9	3.35	32.7	20.2	3.71	32.9	21.5	4.10	33.1	23.0	4.50	33.3	23.5	4.54	33.4			
		150	13.6	2.03	31.5	16.2	2.61	31.8	18.9	3.25	32.1	20.2	3.60	32.3	21.5	3.97	32.4	23.1	4.42	32.6	23.7	4.45	32.7			
	35	80	13.6	2.70	37.9	16.2	3.48	38.5	18.9	4.37	39.2	20.2	4.85	39.5	21.2	5.23	39.7	21.7	5.27	39.8	22.2	5.31	39.9			
		96	13.6	2.60	37.4	16.2	3.35	37.9	18.9	4.20	38.4	20.2	4.66	38.7	21.3	5.10	38.9	21.9	5.15	39.0	22.4	5.18	39.1			
		120	13.6	2.49	36.9	16.2	3.20	37.3	18.9	4.01	37.7	20.2	4.45	37.9	21.5	4.92	38.2	22.1	5.01	38.2	22.6	5.04	38.3			
		150	13.6	2.42	36.5	16.2	3.11	36.8	18.9	3.89	37.2	20.2	4.32	37.3	21.5	4.77	37.5	22.2	4.92	37.6	22.7	4.95	37.6			
	40	80	13.6	3.24	43.0	16.2	4.20	43.7	18.9	5.29	44.3	20.0	5.79	44.6	20.3	5.82	44.7	20.8	5.87	44.8	21.2	5.90	44.9			
		96	13.6	3.12	42.5	16.2	4.04	43.0	18.9	5.08	43.6	20.1	5.65	43.9	20.4	5.68	43.9	20.9	5.73	44.0	21.4	5.76	44.1			
		120	13.6	2.98	42.0	16.2	3.86	42.4	18.9	4.85	42.8	20.2	5.39	43.1	20.6	5.53	43.1	21.1	5.57	43.2	21.6	5.61	43.2			
		150	13.6	2.90	41.6	16.2	3.75	41.9	18.9	4.71	42.3	20.2	5.23	42.4	20.7	5.43	42.5	21.3	5.47	42.6	21.7	5.51	42.6			
	45	80	13.6	3.73	48.1	15.3	4.41	48.5	15.8	4.45	48.6	16.0	4.47	48.7	16.2	4.49	48.7	16.5	4.51	48.8	16.6	4.51	48.8			
		96	13.6	3.60	47.6	16.2	4.74	48.1	16.8	4.84	48.2	17.1	4.86	48.3	17.3	4.88	48.3	17.6	4.90	48.4	17.9	4.92	48.4			
		120	13.6	3.50	47.0	16.2	4.57	47.5	18.0	5.33	47.8	18.3	5.36	47.8	18.5	5.38	47.9	19.0	5.42	47.9	19.3	5.45	48.0			
		150	13.6	3.48	46.6	16.2	4.52	47.0	18.9	5.71	47.3	19.3	5.86	47.4	19.6	5.89	47.4	20.0	5.93	47.5	20.4	5.97	47.5			
80	10	80	12.1	1.34	12.4	14.4	1.68	12.9	16.8	2.07	13.4	17.9	2.29	13.6	19.1	2.51	13.9	21.4	2.99	14.4	23.7	3.51	14.9			
		96	12.1	1.29	12.0	14.4	1.62	12.4	16.8	2.00	12.8	17.9	2.20	13.0	19.1	2.41	13.2	21.4	2.87	13.6	23.7	3.37	14.0			
		120	12.1	1.24	11.6	14.4	1.55	11.9	16.8	1.91	12.2	17.9	2.10	12.4	19.1	2.31	12.6	21.4	2.74	12.9	23.7	3.22	13.2			
		150	12.1	1.20	11.3	14.4	1.51	11.5	16.8	1.86	11.8	17.9	2.04	11.9	19.1	2.24	12.0	21.4	2.66	12.3	23.7	3.12	12.6			
	15	80	12.1	1.37	17.4	14.4	1.73	17.9	16.8	2.13	18.4	17.9	2.35	18.6	19.1	2.58	18.9	21.4	3.07	19.4	23.7	3.61	19.9			
		96	12.1	1.32	17.0	14.4	1.67	17.4	16.8	2.05	17.8	17.9	2.26	18.0	19.1	2.48	18.2	21.4	2.95	18.6	23.7	3.47	19.1			
		120	12.1	1.27	16.6	14.4	1.60	16.9	16.8	1.96	17.2	17.9	2.16	17.4	19.1	2.37	17.6	21.4	2.82	17.9	23.7	3.31	18.2			
		150	12.1	1.23	16.3	14.4	1.55	16.5	16.8	1.91	16.8	17.9	2.10	16.9	19.1	2.30	17.0	21.4	2.74	17.3	23.7	3.22	17.6			
	20	80	12.1	1.42	22.4	14.4	1.79	22.9	16.8	2.21	23.4	17.9	2.43	23.6	19.1	2.67	23.9	21.4	3.18	24.4	23.7	3.74	24.9			
		96	12.1	1.37	22.0	14.4	1.72	22.4	16.8	2.12	22.8	17.9	2.34	23.0	19.1	2.57	23.2	21.4	3.06	23.7	23.7	3.59	24.1			
		120	12.1	1.31	21.6	14.4	1.65	21.9	16.8	2.03	22.2	17.9	2.24	22.4	19.1	2.46	22.6	21.4	2.92	22.9	23.7	3.43	23.2			
		150	12.1	1.28	21.3	14.4	1.60	21.5	16.8	1.97	21.8	17.9	2.18	21.9	19.1	2.39	22.1	21.4	2.84	22.3	23.7	3.33	22.6			
	25	80	12.1	1.65	27.5	14.4	2.09	28.0	16.8	2.58	28.5	17.9	2.85	28.7	19.1	3.13	29.0	21.4	3.74	29.5	23.3	4.26	29.9			
		96	12.1	1.59	27.0	14.4	2.01	27.5	16.8	2.48	27.9	17.9	2.74	28.1	19.1	3.01	28.3	21.4	3.59	28.7	23.5	4.16	29.1			
		120	12.1	1.52	26.6	14.4	1.93	27.0	16.8	2.38	27.3	17.9	2.62	27.5	19.1	2.88	27.6	21.4	3.43	28.0	23.7	4.04	28.3			
		150	12.1	1.48	26.3	14.4	1.87	26.6	16.8	2.31	26.8	17.9	2.55	27.0	19.1	2.80	27.1	21.4	3.33	27.4	23.7	3.92	27.6			
	30	80	12.1	1.94	32.5	14.4	2.46	33.0	16.8	3.06	33.6	17.9	3.38	33.8	19.1	3.72	34.1	21.4	4.44	34.6	22.5	4.74	34.9			
		96	12.1	1.87	32.1	14.4	2.37	32.5	16.8	2.94	32.9	17.9	3.25	33.2	19.1	3.57	33.4	21.4	4.27	33.8	22.7	4.62	34.1			
		120	12.1	1.79	31.7	14.4	2.27	32.0	16.8	2.81	32.3	17.9	3.10	32.5	19.1	3.41	32.7	21.4	4.08	33.0	22.9	4.50	33.3			
		150	12.1	1.74	31.3	14.4	2.20	31.6	16.8	2.73	31.9	17.9	3.01	32.0	19.1	3.31	32.1	21.4	3.96	32.4	23.1	4.42	32.6			
	35	80	12.1	2.30	37.6	14.4	2.93	38.1	16.8	3.65	38.7	17.9	4.04	38.9	19.1	4.45	39.2	21.2	5.23	39.7	21.6	5.27	39.8			
		96	12.1	2.21	37.1	14.4	2.82	37.6	16.8	3.51	38.0	17.9	3.88	38.3	19.1	4.28	38.5	21.3	5.10	38.9	21.8	5.14	39.0			
		120	12.1	2.12	36.7	14.4	2.70	37.0	16.8	3.36	37.4	17.9	3.71	37.6	19.1	4.09	37.8	21.4	4.90	38.1	22.0	5.00	38.2			
		150	12.1	2.06	36.4	14.4	2.62	36.6	16.8	3.26	36.9	17.9	3.60	37.1	19.1	3.97	37.2	21.4	4.75	37.5	22.2	4.91	37.6			
	40	80	12.1	2.75	42.7	14.4	3.53	43.2	16.8	4.41	43.8	17.9	4.89	44.1	19.1	5.39	44.4	20.2	5.82	44.7	20.7	5.86	44.8			
		96	12.1	2.65	42.2	14.4	3.39	42.7	16.8	4.24	43.1	17.9	4.69	43.4	19.1	5.18	43.6	20.4	5.68	43.9	20.9	5.72	44.0			
		120	12.1	2.53	41.7	14.4	3.25	42.1	16.8	4.05	42.5	17.9	4.49	42.7	19.1	4.95	42.9	20.6	5.53	43.1	21.1	5.57	43.2			
		150	12.1	2.46	41.4	14.4	3.15	41.7	16.8	3.93	42.0	17.9	4.35	42.1	19.1	4.80	42.3	20.7	5.43	42.5	21.2	5.47	42.5			
	45	80	12.1	3.12	47.7	14.4	4.09	48.3	15.4	4.42	48.6	15.6	4.44	48.6	15.8	4.46	48.6	16.2	4.49	48.7	16.4	4.50	48.8			
		96	12.1	3.02	47.3	14.4	3.94	47.7	16.4	4.80	48.2	16.6	4.82	48.2	16.9	4.84	48.2	17.3	4.88	48.3	17.6	4.90	48.4			
		120	12.1	2.95	46.8	14.4	3.82	47.2	16.8	4.81	47.6	17.8	5.31	47.8	18.1	5.34	47.8	18.5	5.38	47.9	18.9	5.42	47.9			
		150	12.1	2.94	46.4	14.4	3.79	46.7	16.8	4.75	47.1	17.9	5.27	47.2	19.1	5.83	47.4	19.6	5.89	47.4	20.0	5.93	47.5			

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

1 Capacity tables with 30% glycol
Leistungstabellen mit 30 % Glykol
Πίνακες αποδόσεων με 30% γλυκόλη
Tablas de capacidad con un 30% de glicol
Tableaux de puissance (glycol 30 %)
Tabelle delle capacitü (30% glicole)
Capaciteitstabellen met 30% glycol
РЯнбкет брпдьуещн ме 30% глхкьлз
%30 glikollu kapasite tabloları

4 Capacity tables

4 - 2 Cooling capacity tables with brine (30%)

RWEYQ8PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CWB																					
			14.0			16.0			18.0			19.0			20.0			22.0			24.0			
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	
70	10	80	10.6	1.13	12.1	12.6	1.41	12.5	14.7	1.72	12.9	15.7	1.89	13.1	16.7	2.06	13.4	18.7	2.44	13.8	20.8	2.85	14.2	
		96	10.6	1.09	11.7	12.6	1.36	12.1	14.7	1.66	12.4	15.7	1.82	12.6	16.7	1.99	12.8	18.7	2.35	13.1	20.8	2.74	13.5	
		120	10.6	1.05	11.4	12.6	1.30	11.7	14.7	1.59	11.9	15.7	1.74	12.1	16.7	1.90	12.2	18.7	2.25	12.5	20.8	2.62	12.8	
		150	10.6	1.02	11.1	12.6	1.27	11.3	14.7	1.54	11.5	15.7	1.69	11.7	16.7	1.85	11.8	18.7	2.18	12.0	20.8	2.54	12.2	
	15	80	10.6	1.16	17.1	12.6	1.45	17.5	14.7	1.77	17.9	15.7	1.94	18.2	16.7	2.12	18.4	18.7	2.51	18.8	20.8	2.93	19.2	
		96	10.6	1.12	16.7	12.6	1.40	17.1	14.7	1.70	17.4	15.7	1.87	17.6	16.7	2.04	17.8	18.7	2.41	18.2	20.8	2.82	18.5	
		120	10.6	1.08	16.4	12.6	1.34	16.7	14.7	1.63	16.9	15.7	1.79	17.1	16.7	1.96	17.2	18.7	2.31	17.5	20.8	2.70	17.8	
		150	10.6	1.05	16.1	12.6	1.30	16.3	14.7	1.59	16.6	15.7	1.74	16.7	16.7	1.90	16.8	18.7	2.24	17.0	20.8	2.62	17.2	
	20	80	10.6	1.20	22.1	12.6	1.50	22.5	14.7	1.83	23.0	15.7	2.01	23.2	16.7	2.20	23.4	18.7	2.60	23.8	20.8	3.04	24.3	
		96	10.6	1.16	21.8	12.6	1.44	22.1	14.7	1.76	22.5	15.7	1.93	22.6	16.7	2.11	22.8	18.7	2.50	23.2	20.8	2.92	23.5	
		120	10.6	1.11	21.4	12.6	1.38	21.7	14.7	1.69	22.0	15.7	1.85	22.1	16.7	2.02	22.2	18.7	2.39	22.5	20.8	2.79	22.8	
		150	10.6	1.08	21.1	12.6	1.35	21.3	14.7	1.64	21.6	15.7	1.80	21.7	16.7	1.97	21.8	18.7	2.32	22.0	20.8	2.71	22.2	
	25	80	10.6	1.39	27.1	12.6	1.74	27.6	14.7	2.14	28.0	15.7	2.35	28.2	16.7	2.57	28.5	18.7	3.05	28.9	20.8	3.57	29.4	
		96	10.6	1.34	26.8	12.6	1.68	27.1	14.7	2.06	27.5	15.7	2.26	27.7	16.7	2.47	27.9	18.7	2.93	28.2	20.8	3.43	28.6	
		120	10.6	1.29	26.4	12.6	1.61	26.7	14.7	1.97	27.0	15.7	2.16	27.1	16.7	2.37	27.3	18.7	2.80	27.6	20.8	3.28	27.9	
		150	10.6	1.26	26.1	12.6	1.57	26.4	14.7	1.91	26.6	15.7	2.10	26.7	16.7	2.30	26.8	18.7	2.72	27.1	20.8	3.18	27.3	
	30	80	10.6	1.63	32.2	12.6	2.05	32.6	14.7	2.52	33.1	15.7	2.77	33.3	16.7	3.04	33.5	18.7	3.61	34.0	20.8	4.24	34.5	
		96	10.6	1.57	31.8	12.6	1.97	32.2	14.7	2.42	32.6	15.7	2.67	32.7	16.7	2.92	32.9	18.7	3.47	33.3	20.8	4.07	33.7	
		120	10.6	1.51	31.4	12.6	1.89	31.7	14.7	2.32	32.0	15.7	2.55	32.2	16.7	2.80	32.3	18.7	3.32	32.6	20.8	3.89	32.9	
		150	10.6	1.47	31.2	12.6	1.84	31.4	14.7	2.25	31.6	15.7	2.48	31.7	16.7	2.72	31.9	18.7	3.22	32.1	20.8	3.78	32.3	
	35	80	10.6	1.93	37.2	12.6	2.43	37.7	14.7	3.00	38.2	15.7	3.31	38.4	16.7	3.63	38.6	18.7	4.33	39.1	20.8	5.09	39.6	
		96	10.6	1.86	36.9	12.6	2.34	37.2	14.7	2.89	37.6	15.7	3.18	37.8	16.7	3.49	38.0	18.7	4.16	38.4	20.8	4.88	38.8	
		120	10.6	1.78	36.5	12.6	2.24	36.8	14.7	2.76	37.1	15.7	3.04	37.2	16.7	3.34	37.4	18.7	3.97	37.7	20.8	4.67	38.0	
		150	10.6	1.73	36.2	12.6	2.18	36.4	14.7	2.68	36.7	15.7	2.96	36.8	16.7	3.24	36.9	18.7	3.86	37.2	20.8	4.53	37.4	
	40	80	10.6	2.30	42.3	12.6	2.92	42.8	14.7	3.61	43.3	15.7	3.99	43.5	16.7	4.39	43.8	18.7	5.24	44.3	20.1	5.81	44.6	
		96	10.6	2.21	41.9	12.6	2.81	42.3	14.7	3.47	42.7	15.7	3.83	42.9	16.7	4.21	43.1	18.7	5.03	43.5	20.3	5.67	43.9	
		120	10.6	2.12	41.5	12.6	2.69	41.8	14.7	3.32	42.1	15.7	3.67	42.3	16.7	4.03	42.5	18.7	4.81	42.8	20.5	5.51	43.1	
		150	10.6	2.06	41.2	12.6	2.61	41.5	14.7	3.23	41.7	15.7	3.56	41.8	16.7	3.91	42.0	18.7	4.67	42.2	20.6	5.41	42.5	
	45	80	10.6	2.56	47.4	12.6	3.33	47.9	14.7	4.20	48.4	15.2	4.40	48.5	15.4	4.42	48.6	15.8	4.45	48.6	16.1	4.48	48.7	
		96	10.6	2.50	47.0	12.6	3.22	47.4	14.7	4.04	47.8	15.7	4.49	48.0	16.4	4.80	48.2	16.8	4.84	48.2	17.2	4.87	48.3	
		120	10.6	2.45	46.6	12.6	3.14	46.9	14.7	3.91	47.2	15.7	4.34	47.4	16.7	4.78	47.6	18.0	5.33	47.8	18.4	5.37	47.8	
		150	10.6	2.46	46.2	12.6	3.13	46.5	14.7	3.88	46.8	15.7	4.29	46.9	16.7	4.73	47.0	18.7	5.66	47.3	19.4	5.87	47.4	
60	10	80	9.07	0.95	11.8	10.8	1.16	12.1	12.6	1.40	12.5	13.4	1.53	12.7	14.3	1.67	12.9	16.1	1.95	13.2	17.8	2.27	13.6	
		96	9.07	0.92	11.5	10.8	1.12	11.8	12.6	1.35	12.1	13.4	1.47	12.2	14.3	1.60	12.4	16.1	1.88	12.7	17.8	2.18	13.0	
		120	9.07	0.88	11.2	10.8	1.08	11.4	12.6	1.30	11.7	13.4	1.41	11.8	14.3	1.54	11.9	16.1	1.80	12.1	17.8	2.08	12.4	
		150	9.07	0.86	10.9	10.8	1.05	11.1	12.6	1.26	11.3	13.4	1.37	11.4	14.3	1.49	11.5	16.1	1.75	11.7	17.8	2.02	11.9	
	15	80	9.07	0.98	16.8	10.8	1.20	17.2	12.6	1.44	17.5	13.4	1.57	17.7	14.3	1.71	17.9	16.1	2.01	18.2	17.8	2.33	18.6	
		96	9.07	0.94	16.5	10.8	1.15	16.8	12.6	1.39	17.1	13.4	1.52	17.2	14.3	1.65	17.4	16.1	1.93	17.7	17.8	2.24	18.0	
		120	9.07	0.90	16.2	10.8	1.11	16.4	12.6	1.33	16.7	13.4	1.45	16.8	14.3	1.58	16.9	16.1	1.85	17.1	17.8	2.14	17.4	
		150	9.07	0.88	16.0	10.8	1.08	16.1	12.6	1.30	16.3	13.4	1.41	16.4	14.3	1.54	16.5	16.1	1.80	16.7	17.8	2.08	16.9	
	20	80	9.07	1.01	21.8	10.8	1.24	22.2	12.6	1.49	22.5	13.4	1.63	22.7	14.3	1.77	22.9	16.1	2.08	23.3	17.8	2.41	23.6	
		96	9.07	0.97	21.5	10.8	1.19	21.8	12.6	1.44	22.1	13.4	1.57	22.2	14.3	1.71	22.4	16.1	2.00	22.7	17.8	2.32	23.0	
		120	9.07	0.93	21.2	10.8	1.14	21.4	12.6	1.38	21.7	13.4	1.50	21.8	14.3	1.63	21.9	16.1	1.91	22.1	17.8	2.22	22.4	
		150	9.07	0.91	21.0	10.8	1.11	21.1	12.6	1.34	21.3	13.4	1.46	21.4	14.3	1.59	21.5	16.1	1.86	21.7	17.8	2.16	21.9	
	25	80	9.07	1.16	26.8	10.8	1.43	27.2	12.6	1.73	27.6	13.4	1.90	27.7	14.3	2.07	27.9	16.1	2.43	28.3	17.8	2.83	28.7	
		96	9.07	1.12	26.5	10.8	1.38	26.8	12.6	1.67	27.1	13.4	1.83	27.3	14.3	1.99	27.4	16.1	2.34	27.7	17.8	2.72	28.1	
		120	9.07	1.08	26.2	10.8	1.33	26.5	12.6	1.60	26.7	13.4	1.75	26.8	14.3	1.91	26.9	16.1	2.24	27.2	17.8	2.60	27.4	
		150	9.07	1.05	26.0	10.8	1.29	26.2	12.6	1.56	26.4	13.4	1.70	26.4	14.3	1.85	26.5	16.1	2.17	26.7	17.8	2.52	26.9	
	30	80	9.07	1.36	31.9	10.8	1.68	32.2	12.6	2.04	32.6	13.4	2.23	32.8	14.3	2.44	33.0	16.1	2.87	33.4	17.8	3.35	33.8	
		96	9.07	1.31	31.6	10.8	1.62	31.9	12.6	1.96	32.2	13.4	2.15	32.3	14.3	2.34	32.5	16.1	2.76	32.8	17.8	3.22	33.1	
		120	9.07	1.26	31.2	10.8	1.55	31.5	12.6	1.88	31.7	13.4	2.06	31.9	14.3	2.24	32.0	16.1	2.64	32.2	17.8	3.08	32.5	
		150	9.07	1.22	31.0	10.8	1.51	31.2	12.6	1.83	31.4	13.4	2.00	31.5	14.3	2.18	31.6	16.1	2.57	31.8	17.8	2.99	32.0	
	35	80	9.07	1.59	36.9	10.8	1.98	37.3	12.6	2.42	37.7	13.4	2.65	37.9	14.3	2.90	38.1	16.1	3.43	38.5	17.8	4.00	38.9	
		96	9.07	1.54	36.6	10.8	1.91	36.9	12.6	2.33	37.2	13.4	2.55	37.4	14.3	2.79	37.6	16.1	3.30	37.9	17.8	3.85	38.2	
		120	9.07	1.48	36.3	10.8	1.83	36.5	12.6	2.23	36.8	13.4	2.44	36.9	14.3	2.67	37.0	16.1	3.15	37.3	17.8	3.68	37.6	
		150	9.07	1.44	36.0	10.8	1.78	36.2	12.6	2.17	36.4	13.4	2.38	36.5	14.3	2.59	36.6	16.1	3.06	36.8	17.8	3.57	37.0	
	40	80	9.07	1.89	42.0	10.8	2.37	42.4	12.6	2.90	42.8	13.4	3.19	43.0	14.3	3.49	43.2	16.1	4.13	43.6	17.8	4.84	44.1	
		96	9.07	1.82	41.6	10.8	2.28	42.0	12.6	2.79	42.3	13.4	3.06	42.5	14.3	3.35	42.6	16.1	3.97	43.0	17.8	4.65	43.4	
		120	9.07	1.75	41.3	10.8	2.18	41.6	12.6	2.67	41.8	13.4	2.93	42.0	14.3	3.21	42.1	16.1	3.80	42.4	17.8	4.44	42.7	
		150	9.07	1.70	41.0	10.8	2.12	41.2	12.6	2.60	41.4	13.4	2.85	41.6	14.3	3.12	41.7	16.1	3.69	41.9	17.8	4.31	42.1	
	45	80	9.07	2.06	47.0	10.8	2.65	47.4	12.6	3.31	47.8	13.4	3.66	48.1	14.3	4.04	48.3	15.3	4.41	48.5	15.6	4.44	48.6	
		96	9.07	2.02	46.7	10.8	2.57	47.0	12.6	3.20	47.4	13.4	3.54	47.5	14.3	3.89	47.7	16.1	4.66	48.1	16.6	4.82	48.2	
		120	9.07	2.00	46.3	10.8	2.52	46.6	12.6	3.12	46.9	13.4	3.44	47.0	14.3	3.78	47.2	16.1	4.50	47.5	17.8	5.29	47.8	
		150	9.07	2.01	46.1	10.8	2.53	46.3	12.6	3.11	46.5	13.4	3.42	46.6	14.3	3.75	46.7	16.1	4.45	47.0	17.8	5.22	47.2	
50	10	80	7.56	0.78	11.5	9.0	0.94	11.8	10.5	1.12	12.1	11.2	1.21	12.2	11.9	1.31	12.4	13.4	1.52	12.7	14.8	1.75	13.0	
		96	7.56	0.76	11.2	9.0	0.91	11.5	10.5	1.08	11.7	11.2	1.17	11.8	11.9	1.27	12.0	13.4	1.47	12.2	14.8	1.68	12.5	
		120	7.56	0.73	11.0	9.0	0.88	11.2	10.5	1.04	11.4	11.2	1.12	11.5	11.9	1.21	11.6	13.4	1.41	11.8	14.8	1.61	12.0	
		150	7.56	0.71	10.8	9.0	0.85	10.9	10.5	1.01	11.1	11.2	1.09	11.2	11.9	1.18	11.3	13.4	1.37	11.4	14.8	1.57	11.6	
	15	80	7.56	0.81	16.5	9.0	0.97	16.8	10.5	1.15	17.1	11.2	1.25	17.2	11.9	1.35	17.4	13.4	1.57	17.7	14.8	1.80	18.0	
		96	7.56	0.78	16.2	9.0	0.94	16.5	10.5	1.11	16.7	11.2	1.20	16.9	11.9	1.30	17.0	13.4	1.51	17.2	14.8	1.73	17.5	
		120	7.56	0.75	16.0	9.0	0.90	16.2	10.5	1.06	16.4	11.2	1.15	16.5	11.9	1.25	16.6	13.4	1.45	16.8	14.8	1.66	17.0	
		150	7.56	0.73	15.8	9.0	0.88	15.9	10.5	1.04	16.1	11.2	1.12	16.2	11.9	1.21	16.3	13.4	1.41	16.4	14.8	1.61	16.6	
	20	80	7.56	0.83	21.5	9.02	1.00	21.8	10.5	1.19	22.1	11.2	1.29	22.2	11.9	1.39	22.4	13.4	1.62	22.7	14.8	1.86	23.0	
		96	7.56	0.80	21.2	9.02	0.97	21.5	10.5	1.15	21.7	11.2	1.24	21.9	11.9	1.34	22.0	13.4	1.56	22.2	14.8	1.79	22.5	
		120	7.56	0.77	21.0	9.02	0.93	21.2	10.5	1.10	21.4	11.2	1.19	21.5	11.9	1.29	21.6	13.4	1.49	21.8	14.8	1.72	22.0	
		150	7.56	0.75	20.8	9.02	0.90	20.9	10.5	1.07	21.1	11.2	1.16	21.2	11.9	1.25	21.3	13.4	1.45	21.4	14.8	1.67	21.6	
	25	80	7.56	0.96	26.5	9.02	1.16	26.8	10.5	1.38	27.1	11.2	1.50	27.3	11.9	1.62	27.4	13.4	1.89	27.7	14.8	2.17	28.0	
		96	7.56	0.92	26.3	9.02	1.11	26.5	10.5	1.33	26.8	11.2	1.44	26.9	11.9	1.56	27.0	13.4	1.82	27.3	14.8	2.09	27.5	
		120	7.56	0.89	26.0	9.02	1.07	26.2	10.5	1.27	26.4	11.2	1.38	26.5	11.9	1.50	26.6	13.4	1.74	26.8	14.8	2.00	27.0	
		150	7.56	0.86	25.8	9.02	1.04	26.0	10.5	1.24	26.1	11.2	1.35	26.2	11.9	1.46	26.3	13.4	1.69	26.4	14.8	1.95	26.6	
	30	80	7.56	1.11	31.6	9.02	1.35	31.9	10.5	1.61	32.2	11.2	1.75	32.3	11.9	1.90	32.5	13.4	2.22	32.8	14.8	2.56	33.1	
		96	7.56	1.07	31.3	9.02	1.30	31.5	10.5	1.55	31.8	11.2	1.69	31.9	11.9	1.83	32.1	13.4	2.14	32.3	14.8	2.47	32.6	
		120	7.56	1.03	31.0	9.02	1.25	31.2	10.5	1.49	31.4	11.2	1.62	31.5	11.9	1.76	31.6	13.4	2.05	31.8	14.8	2.36	32.1	
		150	7.56	1.00	30.8	9.02	1.21	31.0	10.5	1.45	31.1	11.2	1.58	31.2	11.9	1.71	31.3	13.4	1.99	31.5	14.8	2.29	31.6	
	35	80	7.56	1.30	36.6	9.02	1.58	36.9	10.5	1.90	37.2	11.2	2.07	37.4	11.9	2.25	37.5	13.4	2.64	37.9	14.8	3.05	38.2	
		96	7.56	1.25	36.3	9.02	1.53	36.6	10.5	1.83	36.8	11.2	2.00	37.0	11.9	2.17	37.1	13.4	2.54	37.4	14.8	2.94	37.7	
		120	7.56	1.20	36.0	9.02	1.47	36.3	10.5	1.76	36.5	11.2	1.92	36.6	11.9	2.08	36.7	13.4	2.43	36.9	14.8	2.81	37.1	
		150	7.56	1.17	35.8	9.02	1.43	36.0	10.5	1.71	36.2	11.2	1.86	36.2	11.9	2.02	36.3	13.4	2.36	36.5	14.8	2.73	36.7	
	40	80	7.56	1.53	41.6	9.02	1.88	42.0	10.5	2.27	42.3	11.2	2.48	42.5	11.9	2.70	42.6	13.4	3.17	43.0	14.8	3.68	43.3	
		96	7.56	1.48	41.3	9.02	1.81	41.6	10.5	2.18	41.9	11.2	2.39	42.0	11.9	2.60	42.2	13.4	3.05	42.5	14.8	3.53	42.7	
		120	7.56	1.42	41.1	9.02	1.74	41.3	10.5	2.09	41.5	11.2	2.29	41.6	11.9	2.49	41.7	13.4	2.92	41.9	14.8	3.38	42.2	
		150	7.56	1.38	40.9	9.02	1.69	41.0	10.5	2.04	41.2	11.2	2.22	41.3	11.9	2.42	41.4	13.4	2.83	41.6	14.8	3.28	41.7	
	45	80	7.56	1.62	46.6	9.02	2.05	47.0	10.5	2.52	47.3	11.2	2.78	47.5	11.9	3.06	47.7	13.4	3.64	48.1	14.8	4.28	48.4	
		96	7.56	1.60	46.4	9.02	2.00	46.6	10.5	2.46	46.9	11.2	2.70	47.1	11.9	2.96	47.2	13.4	3.52	47.5	14.8	4.12	47.8	
		120	7.56	1.60	46.1	9.02	1.98	46.3	10.5	2.41	46.5	11.2	2.65	46.7	11.9	2.89	46.8	13.4	3.42	47.0	14.8	3.99	47.3	
		150	7.56	1.62	45.9	9.02	2.00	46.1	10.5	2.42	46.2	11.2	2.65	46.3	11.9	2.89	46.4	13.4	3.40	46.6	14.8	3.95	46.8	

CA08A579A

4 Capacity tables

4 - 2 Cooling capacity tables with brine (30%)

RWEYQ10PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CWB																							
			14.0			16.0			18.0			19.0			20.0			22.0			24.0					
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT			
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C			
100	10	80	17.6	2.36	13.6	21.0	3.10	14.3	24.4	3.94	15.1	26.1	4.41	15.5	27.8	4.89	15.9	29.8	5.02	16.2	30.5	5.05	16.4			
		96	17.6	2.26	13.0	21.0	2.96	13.6	24.4	3.76	14.2	26.1	4.20	14.5	27.8	4.66	14.8	30.4	4.97	15.3	31.1	5.01	15.4			
		120	17.6	2.15	12.4	21.0	2.81	12.8	24.4	3.56	13.3	26.1	3.98	13.6	27.8	4.41	13.8	31.0	4.90	14.3	31.7	4.94	14.4			
		150	17.6	2.07	11.9	21.0	2.71	12.3	24.4	3.43	12.7	26.1	3.83	12.9	27.8	4.25	13.1	31.2	4.79	13.4	32.0	4.83	13.5			
	15	80	17.6	2.44	18.6	21.0	3.20	19.3	24.4	4.08	20.1	26.1	4.55	20.5	27.8	5.05	20.9	29.2	5.15	21.2	29.9	5.19	21.3			
		96	17.6	2.33	18.0	21.0	3.06	18.6	24.4	3.88	19.2	26.1	4.34	19.5	27.8	4.82	19.9	29.8	5.11	20.2	30.5	5.14	20.3			
		120	17.6	2.22	17.4	21.0	2.90	17.9	24.4	3.68	18.4	26.1	4.11	18.6	27.8	4.56	18.9	30.4	5.03	19.2	31.1	5.07	19.3			
		150	17.6	2.14	16.9	21.0	2.79	17.3	24.4	3.54	17.7	26.1	3.95	17.9	27.8	4.39	18.1	30.6	4.92	18.4	31.4	4.96	18.5			
	20	80	17.6	2.53	23.6	21.0	3.32	24.4	24.4	4.23	25.1	26.1	4.73	25.5	27.8	5.24	25.9	28.5	5.29	26.1	29.1	5.32	26.2			
		96	17.6	2.42	23.0	21.0	3.17	23.6	24.4	4.03	24.2	26.1	4.50	24.6	27.8	5.00	24.9	29.1	5.24	25.1	29.7	5.28	25.2			
		120	17.6	2.30	22.4	21.0	3.01	22.9	24.4	3.82	23.4	26.1	4.27	23.6	27.8	4.74	23.9	29.7	5.16	24.2	30.3	5.20	24.2			
		150	17.6	2.22	21.9	21.0	2.90	22.3	24.4	3.68	22.7	26.1	4.11	22.9	27.8	4.56	23.1	29.9	5.05	23.3	30.6	5.09	23.4			
	25	80	17.6	2.96	28.7	21.0	3.91	29.5	24.4	4.99	30.3	26.1	5.58	30.7	26.9	5.80	30.9	27.6	5.85	31.0	28.2	5.89	31.1			
		96	17.6	2.83	28.1	21.0	3.73	28.7	24.4	4.75	29.4	26.1	5.31	29.7	27.5	5.75	30.0	28.2	5.80	30.1	28.8	5.84	30.2			
		120	17.6	2.69	27.4	21.0	3.54	27.9	24.4	4.50	28.5	26.1	5.03	28.7	27.8	5.59	29.0	28.7	5.71	29.1	29.4	5.75	29.2			
		150	17.6	2.60	26.9	21.0	3.40	27.3	24.4	4.33	27.7	26.1	4.84	28.0	27.8	5.37	28.2	29.0	5.59	28.3	29.6	5.63	28.4			
	30	80	17.6	3.50	33.8	21.0	4.63	34.6	24.4	5.92	35.4	25.6	6.35	35.7	26.0	6.38	35.8	26.6	6.43	35.9	27.1	6.47	36.0			
		96	17.6	3.34	33.1	21.0	4.41	33.8	24.4	5.64	34.5	26.1	6.30	34.8	26.5	6.32	34.9	27.1	6.38	35.0	27.7	6.42	35.1			
		120	17.6	3.18	32.5	21.0	4.19	33.0	24.4	5.34	33.6	26.1	5.97	33.8	27.0	6.23	34.0	27.7	6.28	34.1	28.3	6.32	34.1			
		150	17.6	3.06	32.0	21.0	4.03	32.4	24.4	5.14	32.8	26.1	5.74	33.0	27.2	6.09	33.2	27.9	6.15	33.3	28.5	6.19	33.3			
	35	80	17.6	4.18	38.9	21.0	5.54	39.8	24.1	6.91	40.6	24.5	6.95	40.6	24.8	6.98	40.7	25.4	7.03	40.8	25.9	7.07	40.9			
		96	17.6	3.99	38.2	21.0	5.28	38.9	24.4	6.77	39.7	24.9	6.89	39.8	25.3	6.92	39.8	25.9	6.97	39.9	26.4	7.01	40.0			
		120	17.6	3.79	37.6	21.0	5.01	38.1	24.4	6.41	38.7	25.4	6.78	38.8	25.8	6.82	38.9	26.4	6.87	39.0	27.0	6.91	39.0			
		150	17.6	3.65	37.0	21.0	4.82	37.5	24.4	6.16	37.9	25.6	6.64	38.1	26.0	6.67	38.1	26.6	6.72	38.2	27.2	6.76	38.2			
	40	80	17.6	4.94	44.0	20.5	6.28	44.8	21.2	6.35	44.9	21.5	6.38	45.0	21.7	6.40	45.0	22.1	6.43	45.1	22.4	6.44	45.2			
		96	17.6	4.75	43.3	21.0	6.34	44.1	22.5	6.91	44.4	22.9	6.94	44.5	23.2	6.97	44.5	23.7	7.01	44.6	24.1	7.04	44.6			
		120	17.6	4.55	42.6	21.0	6.05	43.2	23.8	7.34	43.7	24.1	7.37	43.8	24.5	7.41	43.8	25.0	7.46	43.9	25.5	7.50	43.9			
		150	17.6	4.38	42.1	21.0	5.82	42.6	24.0	7.19	43.0	24.4	7.23	43.0	24.7	7.26	43.1	25.3	7.32	43.1	25.8	7.35	43.2			
	45	80	14.9	4.22	48.4	15.3	4.26	48.5	15.6	4.28	48.6	15.7	4.27	48.6	15.8	4.27	48.6	15.7	4.23	48.6	15.4	4.18	48.5			
		96	16.0	4.56	48.1	16.5	4.62	48.2	16.9	4.64	48.2	17.1	4.65	48.2	17.2	4.65	48.3	17.3	4.64	48.3	17.2	4.60	48.2			
		120	17.3	5.04	47.7	17.9	5.10	47.8	18.4	5.15	47.8	18.6	5.16	47.8	18.8	5.17	47.9	19.0	5.17	47.9	19.1	5.16	47.9			
		150	17.6	5.13	47.2	19.1	5.65	47.4	19.7	5.70	47.4	19.9	5.72	47.5	20.1	5.74	47.5	20.5	5.75	47.5	20.6	5.75	47.5			
90	10	80	15.9	2.02	13.2	18.9	2.63	13.9	22.0	3.33	14.5	23.5	3.71	14.9	25.0	4.11	15.2	28.1	4.90	15.9	29.8	5.02	16.2			
		96	15.9	1.93	12.7	18.9	2.51	13.2	22.0	3.17	13.8	23.5	3.53	14.0	25.0	3.92	14.3	28.1	4.74	14.9	30.4	4.97	15.3			
		120	15.9	1.84	12.1	18.9	2.39	12.5	22.0	3.01	13.0	23.5	3.35	13.2	25.0	3.71	13.4	28.1	4.49	13.9	31.0	4.90	14.3			
		150	15.9	1.78	11.7	18.9	2.30	12.0	22.0	2.90	12.4	23.5	3.23	12.6	25.0	3.57	12.7	28.1	4.32	13.1	31.1	4.79	13.4			
	15	80	15.9	2.09	18.2	18.9	2.72	18.9	22.0	3.44	19.6	23.5	3.83	19.9	25.0	4.25	20.2	28.1	5.07	20.9	29.2	5.15	21.2			
		96	15.9	2.00	17.7	18.9	2.60	18.2	22.0	3.28	18.8	23.5	3.65	19.1	25.0	4.05	19.3	28.1	4.90	19.9	29.8	5.10	20.2			
		120	15.9	1.90	17.1	18.9	2.47	17.6	22.0	3.11	18.0	23.5	3.46	18.2	25.0	3.83	18.4	28.1	4.64	18.9	30.4	5.03	19.2			
		150	15.9	1.83	16.7	18.9	2.38	17.0	22.0	3.00	17.4	23.5	3.33	17.6	25.0	3.69	17.7	28.1	4.46	18.1	30.6	4.92	18.4			
	20	80	15.9	2.16	23.2	18.9	2.82	23.9	22.0	3.57	24.6	23.5	3.98	24.9	25.0	4.41	25.3	27.9	5.25	25.9	28.5	5.29	26.1			
		96	15.9	2.07	22.7	18.9	2.69	23.2	22.0	3.40	23.8	23.5	3.79	24.1	25.0	4.20	24.4	28.1	5.09	25.0	29.1	5.24	25.1			
		120	15.9	1.97	22.1	18.9	2.56	22.6	22.0	3.23	23.0	23.5	3.59	23.2	25.0	3.98	23.5	28.1	4.81	23.9	29.6	5.16	24.2			
		150	15.9	1.90	21.7	18.9	2.47	22.0	22.0	3.11	22.4	23.5	3.46	22.6	25.0	3.83	22.8	28.1	4.63	23.1	29.9	5.05	23.3			
	25	80	15.9	2.53	28.3	18.9	3.31	29.0	22.0	4.20	29.7	23.5	4.68	30.0	25.0	5.20	30.4	27.0	5.80	30.9	27.6	5.85	31.0			
		96	15.9	2.42	27.7	18.9	3.16	28.3	22.0	4.00	28.9	23.5	4.46	29.2	25.0	4.95	29.5	27.5	5.75	30.0	28.2	5.80	30.1			
		120	15.9	2.30	27.2	18.9	3.00	27.6	22.0	3.80	28.1	23.5	4.23	28.3	25.0	4.69	28.5	28.1	5.67	29.0	28.7	5.71	29.1			
		150	15.9	2.22	26.7	18.9	2.89	27.1	22.0	3.65	27.4	23.5	4.07	27.6	25.0	4.51	27.8	28.1	5.46	28.2	29.0	5.59	28.3			
	30	80	15.9	2.98	33.4	18.9	3.91	34.1	22.0	4.97	34.8	23.5	5.56	35.2	25.0	6.17	35.6	26.0	6.38	35.8	26.6	6.43	35.9			
		96	15.9	2.85	32.8	18.9	3.73	33.4	22.0	4.74	34.0	23.5	5.29	34.3	25.0	5.88	34.6	26.5	6.33	34.9	27.1	6.37	35.0			
		120	15.9	2.71	32.2	18.9	3.54	32.7	22.0	4.50	33.2	23.5	5.02	33.4	25.0	5.56	33.7	27.0	6.24	34.0	27.7	6.28	34.1			
		150	15.9	2.61	31.8	18.9	3.41	32.1	22.0	4.33	32.5	23.5	4.83	32.7	25.0	5.35	32.9	27.3	6.10	33.2	27.9	6.14	33.3			
	35	80	15.9	3.55	38.5	18.9	4.67	39.2	22.0	5.96	40.0	23.5	6.67	40.4	24.2	6.92	40.6	24.8	6.98	40.7	25.4	7.03	40.8			
		96	15.9	3.39	37.9	18.9	4.46	38.5	22.0	5.68	39.1	23.5	6.35	39.5	24.7	6.86	39.7	25.3	6.92	39.8	25.9	6.97	39.9			
		120	15.9	3.22	37.3	18.9	4.23	37.8	22.0	5.38	38.3	23.5	6.01	38.5	25.0	6.68	38.8	25.8	6.82	38.9	26.4	6.87	39.0			
		150	15.9	3.10	36.8	18.9	4.07	37.2	22.0	5.18	37.6	23.5	5.79	37.8	25.0	6.43	38.0	26.1	6.67	38.1	26.6	6.72	38.2			
	40	80	15.9	4.17	43.6	18.9	5.55	44.4	20.7	6.30	44.8	21.0	6.33	44.9	21.3	6.36	45.0	21.8	6.40	45.0	22.1	6.43	45.1			
		96	15.9	4.02	43.0	18.9	5.33	43.6	22.0	6.83	44.3	22.4	6.89	44.4	22.7	6.92	44.4	23.2	6.97	44.5	23.7	7.01	44.6			
		120	15.9	3.86	42.4	18.9	5.10	42.9	22.0	6.51	43.4	23.5	7.28	43.7	23.9	7.35	43.7	24.5	7.41	43.8	25.0	7.46	43.9			
		150	15.9	3.72	41.9	18.9	4.90	42.3	22.0	6.26	42.7	23.5	7.00	42.9	24.1	7.21	43.0	24.7	7.27	43.1	25.3	7.31	43.1			
	45	80	14.5	4.19	48.4	15.1	4.24	48.5	15.4	4.27	48.5	15.6	4.27	48.6	15.7	4.28	48.6	15.8	4.26	48.6	15.7	4.23	48.6			
		96	15.6	4.53	48.0	16.2	4.59	48.1	16.7	4.63	48.2	16.8	4.64	48.2	17.0	4.65	48.2	17.2	4.65	48.3	17.3	4.64	48.3			
		120	15.9	4.42	47.4	17.5	5.07	47.7	18.1	5.12	47.8	18.3	5.14	47.8	18.5	5.15	47.8	18.8	5.17	47.9	19.0	5.17	47.9			
		150	15.9	4.31	46.9	18.7	5.60	47.3	19.3	5.66	47.4	19.5	5.69	47.4	19.8	5.71	47.4	20.2	5.74	47.5	20.4	5.75	47.5			
80	10	80	14.1	1.71	12.8	16.8	2.20	13.4	19.5	2.76	14.0	20.9	3.07	14.3	22.2	3.39	14.6	25.0	4.09	15.2	27.7	4.86	15.8			
		96	14.1	1.64	12.3	16.8	2.11	12.8	19.5	2.64	13.3	20.9	2.93	13.6	22.2	3.24	13.8	25.0	3.90	14.3	27.7	4.62	14.8			
		120	14.1	1.56	11.9	16.8	2.00	12.2	19.5	2.51	12.6	20.9	2.78	12.8	22.2	3.07	13.0	25.0	3.70	13.4	27.7	4.38	13.8			
		150	14.1	1.51	11.5	16.8	1.93	11.8	19.5	2.42	12.1	20.9	2.68	12.3	22.2	2.96	12.4	25.0	3.56	12.7	27.7	4.21	13.0			
	15	80	14.1	1.76	17.8	16.8	2.27	18.4	19.5	2.85	19.0	20.9	3.17	19.3	22.2	3.51	19.6	25.0	4.23	20.2	27.7	5.02	20.9			
		96	14.1	1.69	17.4	16.8	2.17	17.8	19.5	2.73	18.3	20.9	3.03	18.6	22.2	3.34	18.8	25.0	4.03	19.3	27.7	4.78	19.8			
		120	14.1	1.61	16.9	16.8	2.07	17.3	19.5	2.59	17.6	20.9	2.87	17.8	22.2	3.17	18.0	25.0	3.82	18.4	27.7	4.53	18.8			
		150	14.1	1.55	16.5	16.8	1.99	16.8	19.5	2.50	17.1	20.9	2.77	17.3	22.2	3.05	17.4	25.0	3.67	17.7	27.7	4.35	18.1			
	20	80	14.1	1.83	22.9	16.8	2.36	23.4	19.5	2.96	24.0	20.9	3.29	24.3	22.2	3.64	24.6	25.0	4.39	25.3	27.7	5.21	25.9			
		96	14.1	1.75	22.4	16.8	2.26	22.8	19.5	2.83	23.3	20.9	3.14	23.6	22.2	3.47	23.8	25.0	4.18	24.4	27.7	4.96	24.9			
		120	14.1	1.67	21.9	16.8	2.15	22.3	19.5	2.69	22.7	20.9	2.98	22.9	22.2	3.29	23.1	25.0	3.96	23.5	27.7	4.70	23.9			
		150	14.1	1.61	21.5	16.8	2.07	21.8	19.5	2.59	22.1	20.9	2.87	22.3	22.2	3.17	22.4	25.0	3.81	22.7	27.7	4.52	23.1			
	25	80	14.1	2.13	27.9	16.8	2.76	28.5	19.5	3.48	29.1	20.9	3.87	29.4	22.2	4.28	29.8	25.0	5.17	30.4	26.9	5.80	30.9			
		96	14.1	2.04	27.4	16.8	2.64	27.9	19.5	3.32	28.4	20.9	3.69	28.7	22.2	4.08	28.9	25.0	4.93	29.5	27.5	5.75	30.0			
		120	14.1	1.95	26.9	16.8	2.51	27.3	19.5	3.15	27.7	20.9	3.50	27.9	22.2	3.87	28.1	25.0	4.67	28.5	27.7	5.54	29.0			
		150	14.1	1.88	26.5	16.8	2.42	26.8	19.5	3.04	27.2	20.9	3.37	27.3	22.2	3.73	27.5	25.0	4.49	27.8	27.7	5.33	28.2			
	30	80	14.1	2.50	33.0	16.8	3.26	33.6	19.5	4.11	34.2	20.9	4.58	34.6	22.2	5.08	34.9	25.0	6.15	35.6	25.9	6.38	35.8			
		96	14.1	2.40	32.5	16.8	3.11	33.0	19.5	3.93	33.5	20.9	4.37	33.8	22.2	4.84	34.0	25.0	5.85	34.6	26.4	6.32	34.9			
		120	14.1	2.28	32.0	16.8	2.96	32.4	19.5	3.73	32.8	20.9	4.14	33.0	22.2	4.59	33.2	25.0	5.54	33.6	27.0	6.23	34.0			
		150	14.1	2.20	31.6	16.8	2.85	31.9	19.5	3.59	32.2	20.9	3.99	32.4	22.2	4.41	32.5	25.0	5.33	32.9	27.2	6.09	33.2			
	35	80	14.1	2.97	38.1	16.8	3.88	38.7	19.5	4.92	39.4	20.9	5.49	39.7	22.2	6.09	40.1	24.2	6.92	40.6	24.8	6.97	40.7			
		96	14.1	2.84	37.5	16.8	3.71	38.1	19.5	4.69	38.6	20.9	5.23	38.9	22.2	5.80	39.2	24.7	6.86	39.7	25.3	6.92	39.8			
		120	14.1	2.71	37.0	16.8	3.52	37.4	19.5	4.45	37.9	20.9	4.96	38.1	22.2	5.49	38.3	25.0	6.65	38.8	25.8	6.81	38.9			
		150	14.1	2.61	36.6	16.8	3.39	36.9	19.5	4.28	37.3	20.9	4.77	37.5	22.2	5.29	37.6	25.0	6.40	38.0	26.0	6.67	38.1			
	40	80	14.1	3.46	43.1	16.8	4.58	43.8	19.5	5.86	44.5	20.5	6.28	44.8	20.8	6.31	44.8	21.3	6.36	45.0	21.7	6.40	45.0			
		96	14.1	3.35	42.6	16.8	4.41	43.2	19.5	5.62	43.8	20.9	6.28	44.1	22.1	6.86	44.3	22.7	6.92	44.4	23.1	6.97	44.5			
		120	14.1	3.23	42.1	16.8	4.23	42.5	19.5	5.37	43.0	20.9	5.99	43.2	22.2	6.65	43.5	23.9	7.35	43.7	24.4	7.40	43.8			
		150	14.1	3.11	41.6	16.8	4.07	42.0	19.5	5.16	42.4	20.9	5.76	42.5	22.2	6.39	42.7	24.1	7.21	43.0	24.7	7.26	43.1			
	45	80	14.1	4.13	48.3	14.7	4.21	48.4	15.2	4.25	48.5	15.3	4.26	48.5	15.5	4.27	48.5	15.7	4.28	48.6	15.8	4.27	48.6			
		96	14.1	3.86	47.7	15.8	4.55	48.0	16.3	4.60	48.1	16.5	4.61	48.2	16.7	4.63	48.2	17.0	4.65	48.2	17.2	4.65	48.3			
		120	14.1	3.64	47.1	16.8	4.87	47.6	17.7	5.08	47.7	17.9	5.10	47.7	18.1	5.12	47.8	18.5	5.15	47.8	18.8	5.17	47.9			
		150	14.1	3.57	46.7	16.8	4.74	47.1	18.8	5.62	47.3	19.1	5.64	47.4	19.3	5.67	47.4	19.8	5.71	47.4	20.1	5.74	47.5			

CA08A579A

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

1 Capacity tables with 30% glycol
Leistungstabellen mit 30 % Glykol
Πίνακες αποδόσεων με 30% γλυκόλη
Tablas de capacidad con un 30% de glicol
Tableaux de puissance (glycol 30 %)
Tabelle delle capacitŭ (30% glicole)
Capaciteitstabellen met 30% glycol
РЯнбкет брпдьуещн ме 30% глхкьлз
%30 glikollu kapasite tabloları

4 Capacity tables

4 - 2 Cooling capacity tables with brine (30%)

RWEYQ10PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CWB																					
			14.0			16.0			18.0			19.0			20.0			22.0			24.0			
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	
70	10	80	12.3	1.42	12.5	14.7	1.81	13.0	17.1	2.26	13.5	18.3	2.50	13.7	19.5	2.75	14.0	21.8	3.30	14.5	24.2	3.89	15.0	
		96	12.3	1.37	12.0	14.7	1.74	12.5	17.1	2.16	12.9	18.3	2.39	13.1	19.5	2.63	13.3	21.8	3.14	13.7	24.2	3.71	14.2	
		120	12.3	1.31	11.6	14.7	1.66	12.0	17.1	2.05	12.3	18.3	2.27	12.5	19.5	2.50	12.6	21.8	2.98	13.0	24.2	3.52	13.3	
		150	12.3	1.26	11.3	14.7	1.60	11.6	17.1	1.98	11.8	18.3	2.19	12.0	19.5	2.40	12.1	21.8	2.87	12.4	24.2	3.39	12.6	
	15	80	12.3	1.47	17.5	14.7	1.87	18.0	17.1	2.33	18.5	18.3	2.58	18.7	19.5	2.84	19.0	21.8	3.40	19.5	24.2	4.02	20.1	
		96	12.3	1.41	17.1	14.7	1.79	17.5	17.1	2.23	17.9	18.3	2.46	18.1	19.5	2.71	18.3	21.8	3.25	18.7	24.2	3.83	19.2	
		120	12.3	1.35	16.6	14.7	1.71	17.0	17.1	2.12	17.3	18.3	2.34	17.5	19.5	2.58	17.6	21.8	3.08	18.0	24.2	3.64	18.3	
		150	12.3	1.30	16.3	14.7	1.65	16.6	17.1	2.04	16.8	18.3	2.26	17.0	19.5	2.48	17.1	21.8	2.97	17.4	24.2	3.50	17.6	
	20	80	12.3	1.52	22.5	14.7	1.94	23.0	17.1	2.42	23.5	18.3	2.67	23.8	19.5	2.95	24.0	21.8	3.53	24.5	24.2	4.18	25.1	
		96	12.3	1.46	22.1	14.7	1.86	22.5	17.1	2.31	22.9	18.3	2.56	23.1	19.5	2.81	23.3	21.8	3.37	23.8	24.2	3.98	24.2	
		120	12.3	1.40	21.6	14.7	1.77	22.0	17.1	2.20	22.3	18.3	2.43	22.5	19.5	2.67	22.6	21.8	3.20	23.0	24.2	3.77	23.3	
		150	12.3	1.35	21.3	14.7	1.71	21.6	17.1	2.12	21.8	18.3	2.34	22.0	19.5	2.58	22.1	21.8	3.08	22.4	24.2	3.63	22.7	
	25	80	12.3	1.77	27.5	14.7	2.27	28.0	17.1	2.83	28.6	18.3	3.14	28.8	19.5	3.46	29.1	21.8	4.16	29.7	24.2	4.92	30.2	
		96	12.3	1.70	27.1	14.7	2.17	27.5	17.1	2.71	28.0	18.3	3.00	28.2	19.5	3.30	28.4	21.8	3.96	28.9	24.2	4.69	29.3	
		120	12.3	1.62	26.7	14.7	2.07	27.0	17.1	2.57	27.3	18.3	2.85	27.5	19.5	3.14	27.7	21.8	3.76	28.1	24.2	4.44	28.4	
		150	12.3	1.57	26.3	14.7	1.99	26.6	17.1	2.48	26.9	18.3	2.74	27.0	19.5	3.02	27.1	21.8	3.62	27.4	24.2	4.27	27.7	
	30	80	12.3	2.07	32.6	14.7	2.67	33.1	17.1	3.34	33.7	18.3	3.71	33.9	19.5	4.09	34.2	21.8	4.93	34.8	24.2	5.84	35.4	
		96	12.3	1.99	32.1	14.7	2.55	32.6	17.1	3.19	33.0	18.3	3.54	33.3	19.5	3.90	33.5	21.8	4.70	34.0	24.2	5.56	34.4	
		120	12.3	1.90	31.7	14.7	2.43	32.0	17.1	3.03	32.4	18.3	3.36	32.6	19.5	3.71	32.8	21.8	4.45	33.1	24.2	5.27	33.5	
		150	12.3	1.83	31.4	14.7	2.34	31.6	17.1	2.92	31.9	18.3	3.24	32.1	19.5	3.57	32.2	21.8	4.29	32.5	24.2	5.07	32.8	
	35	80	12.3	2.45	37.6	14.7	3.17	38.2	17.1	3.98	38.8	18.3	4.42	39.1	19.5	4.89	39.4	21.8	5.91	40.0	24.1	6.91	40.5	
		96	12.3	2.35	37.2	14.7	3.03	37.6	17.1	3.80	38.1	18.3	4.22	38.4	19.5	4.67	38.6	21.8	5.63	39.1	24.2	6.68	39.6	
		120	12.3	2.24	36.7	14.7	2.88	37.1	17.1	3.61	37.5	18.3	4.01	37.7	19.5	4.43	37.9	21.8	5.33	38.2	24.2	6.32	38.6	
		150	12.3	2.16	36.4	14.7	2.78	36.7	17.1	3.48	37.0	18.3	3.86	37.1	19.5	4.26	37.3	21.8	5.13	37.6	24.2	6.08	37.9	
	40	80	12.3	2.83	42.7	14.7	3.70	43.3	17.1	4.70	43.9	18.3	5.25	44.2	19.5	5.83	44.5	20.7	6.30	44.8	21.1	6.34	44.9	
		96	12.3	2.75	42.3	14.7	3.58	42.7	17.1	4.52	43.2	18.3	5.04	43.5	19.5	5.59	43.7	21.8	6.77	44.3	22.5	6.90	44.4	
		120	12.3	2.66	41.8	14.7	3.45	42.2	17.1	4.34	42.6	18.3	4.82	42.8	19.5	5.34	43.0	21.8	6.45	43.4	23.7	7.33	43.7	
		150	12.3	2.57	41.4	14.7	3.32	41.7	17.1	4.18	42.0	18.3	4.64	42.2	19.5	5.13	42.4	21.8	6.20	42.7	24.0	7.19	43.0	
	45	80	12.3	3.31	47.8	14.3	4.17	48.3	14.8	4.21	48.4	15.0	4.23	48.4	15.1	4.25	48.5	15.4	4.27	48.5	15.6	4.28	48.6	
		96	12.3	3.11	47.3	14.7	4.14	47.8	15.8	4.55	48.0	16.1	4.58	48.1	16.3	4.60	48.1	16.6	4.62	48.2	16.9	4.64	48.2	
		120	12.3	2.95	46.8	14.7	3.91	47.2	17.1	5.01	47.6	17.4	5.05	47.7	17.6	5.08	47.7	18.1	5.12	47.8	18.4	5.14	47.8	
		150	12.3	2.90	46.5	14.7	3.82	46.8	17.1	4.87	47.1	18.3	5.45	47.3	18.8	5.61	47.3	19.2	5.66	47.4	19.7	5.70	47.4	
60	10	80	10.57	1.17	12.1	12.6	1.47	12.5	14.6	1.80	12.9	15.7	1.98	13.2	16.7	2.18	13.4	18.7	2.59	13.8	20.8	3.04	14.3	
		96	10.57	1.12	11.7	12.6	1.41	12.1	14.6	1.73	12.4	15.7	1.90	12.6	16.7	2.08	12.8	18.7	2.47	13.2	20.8	2.90	13.5	
		120	10.57	1.08	11.4	12.6	1.34	11.7	14.6	1.65	11.9	15.7	1.81	12.1	16.7	1.98	12.2	18.7	2.35	12.5	20.8	2.76	12.8	
		150	10.57	1.04	11.1	12.6	1.30	11.3	14.6	1.59	11.6	15.7	1.75	11.7	16.7	1.91	11.8	18.7	2.27	12.0	20.8	2.65	12.2	
	15	80	10.57	1.20	17.1	12.6	1.51	17.5	14.6	1.86	18.0	15.7	2.05	18.2	16.7	2.25	18.4	18.7	2.67	18.8	20.8	3.14	19.3	
		96	10.57	1.16	16.8	12.6	1.45	17.1	14.6	1.78	17.5	15.7	1.96	17.6	16.7	2.15	17.8	18.7	2.56	18.2	20.8	3.00	18.5	
		120	10.57	1.11	16.4	12.6	1.39	16.7	14.6	1.70	17.0	15.7	1.87	17.1	16.7	2.05	17.2	18.7	2.43	17.5	20.8	2.85	17.8	
		150	10.57	1.07	16.1	12.6	1.34	16.3	14.6	1.64	16.6	15.7	1.80	16.7	16.7	1.97	16.8	18.7	2.34	17.0	20.8	2.74	17.2	
	20	80	10.6	1.25	22.1	12.6	1.57	22.5	14.6	1.93	23.0	15.7	2.12	23.2	16.7	2.33	23.4	18.7	2.77	23.9	20.8	3.26	24.3	
		96	10.6	1.20	21.8	12.6	1.50	22.1	14.6	1.85	22.5	15.7	2.03	22.6	16.7	2.23	22.8	18.7	2.65	23.2	20.8	3.11	23.6	
		120	10.6	1.15	21.4	12.6	1.44	21.7	14.6	1.76	22.0	15.7	1.94	22.1	16.7	2.12	22.2	18.7	2.52	22.5	20.8	2.95	22.8	
		150	10.6	1.11	21.1	12.6	1.39	21.3	14.6	1.70	21.6	15.7	1.87	21.7	16.7	2.05	21.8	18.7	2.43	22.0	20.8	2.84	22.3	
	25	80	10.6	1.45	27.2	12.6	1.82	27.6	14.6	2.25	28.0	15.7	2.48	28.3	16.7	2.73	28.5	18.7	3.26	28.9	20.8	3.83	29.4	
		96	10.6	1.39	26.8	12.6	1.75	27.1	14.6	2.16	27.5	15.7	2.38	27.7	16.7	2.61	27.9	18.7	3.11	28.3	20.8	3.65	28.6	
		120	10.6	1.33	26.4	12.6	1.67	26.7	14.6	2.05	27.0	15.7	2.26	27.1	16.7	2.48	27.3	18.7	2.95	27.6	20.8	3.47	27.9	
		150	10.6	1.29	26.1	12.6	1.61	26.4	14.6	1.98	26.6	15.7	2.18	26.7	16.7	2.39	26.8	18.7	2.85	27.1	20.8	3.34	27.3	
	30	80	10.6	1.69	32.2	12.6	2.14	32.6	14.6	2.65	33.1	15.7	2.93	33.3	16.7	3.22	33.6	18.7	3.85	34.0	20.8	4.54	34.5	
		96	10.6	1.62	31.8	12.6	2.05	32.2	14.6	2.53	32.6	15.7	2.80	32.8	16.7	3.08	33.0	18.7	3.67	33.3	20.8	4.33	33.7	
		120	10.6	1.55	31.4	12.6	1.95	31.7	14.6	2.41	32.0	15.7	2.66	32.2	16.7	2.92	32.3	18.7	3.49	32.7	20.8	4.10	33.0	
		150	10.6	1.50	31.2	12.6	1.89	31.4	14.6	2.33	31.6	15.7	2.57	31.7	16.7	2.82	31.9	18.7	3.36	32.1	20.8	3.95	32.4	
	35	80	10.6	1.98	37.2	12.6	2.53	37.7	14.6	3.14	38.2	15.7	3.48	38.4	16.7	3.83	38.7	18.7	4.60	39.2	20.8	5.43	39.7	
		96	10.6	1.90	36.9	12.6	2.42	37.2	14.6	3.01	37.6	15.7	3.33	37.8	16.7	3.66	38.0	18.7	4.39	38.4	20.8	5.18	38.9	
		120	10.6	1.82	36.5	12.6	2.31	36.8	14.6	2.86	37.1	15.7	3.16	37.2	16.7	3.48	37.4	18.7	4.16	37.7	20.8	4.91	38.1	
		150	10.6	1.76	36.2	12.6	2.23	36.4	14.6	2.76	36.7	15.7	3.05	36.8	16.7	3.35	36.9	18.7	4.01	37.2	20.8	4.72	37.4	
	40	80	10.6	2.26	42.3	12.6	2.92	42.8	14.6	3.68	43.3	15.7	4.09	43.5	16.7	4.52	43.8	18.7	5.46	44.3	20.4	6.28	44.8	
		96	10.6	2.21	41.9	12.6	2.84	42.3	14.6	3.56	42.7	15.7	3.94	42.9	16.7	4.36	43.1	18.7	5.24	43.6	20.8	6.21	44.0	
		120	10.6	2.15	41.5	12.6	2.75	41.8	14.6	3.42	42.2	15.7	3.79	42.3	16.7	4.18	42.5	18.7	5.01	42.8	20.8	5.93	43.2	
		150	10.6	2.08	41.2	12.6	2.65	41.5	14.6	3.30	41.7	15.7	3.65	41.8	16.7	4.02	42.0	18.7	4.82	42.3	20.8	5.70	42.5	
	45	80	10.6	2.58	47.4	12.6	3.43	47.9	14.3	4.17	48.3	14.5	4.19	48.3	14.7	4.21	48.4	15.0	4.24	48.5	15.3	4.26	48.5	
		96	10.6	2.44	46.9	12.6	3.22	47.4	14.6	4.11	47.8	15.5	4.53	48.0	15.8	4.55	48.0	16.2	4.58	48.1	16.5	4.61	48.2	
		120	10.6	2.33	46.5	12.6	3.05	46.9	14.6	3.88	47.2	15.7	4.33	47.4	16.7	4.81	47.6	17.5	5.06	47.7	17.9	5.10	47.7	
		150	10.6	2.30	46.2	12.6	3.00	46.5	14.6	3.79	46.8	15.7	4.23	46.9	16.7	4.68	47.0	18.6	5.60	47.3	19.0	5.64	47.4	
50	10	80	8.81	0.94	11.7	10.5	1.16	12.1	12.2	1.40	12.4	13.1	1.54	12.6	13.9	1.67	12.8	15.6	1.97	13.1	17.3	2.30	13.5	
		96	8.81	0.91	11.5	10.5	1.11	11.7	12.2	1.35	12.0	13.1	1.47	12.2	13.9	1.61	12.3	15.6	1.89	12.6	17.3	2.20	12.9	
		120	8.81	0.87	11.2	10.5	1.07	11.4	12.2	1.29	11.6	13.1	1.41	11.7	13.9	1.53	11.8	15.6	1.80	12.1	17.3	2.09	12.3	
		150	8.81	0.84	10.9	10.5	1.03	11.1	12.2	1.24	11.3	13.1	1.36	11.4	13.9	1.48	11.5	15.6	1.73	11.7	17.3	2.01	11.8	
	15	80	8.81	0.97	16.8	10.5	1.19	17.1	12.2	1.45	17.4	13.1	1.58	17.6	13.9	1.73	17.8	15.6	2.04	18.2	17.3	2.37	18.5	
		96	8.81	0.94	16.5	10.5	1.15	16.7	12.2	1.39	17.0	13.1	1.52	17.2	13.9	1.66	17.3	15.6	1.95	17.6	17.3	2.27	17.9	
		120	8.81	0.90	16.2	10.5	1.10	16.4	12.2	1.33	16.6	13.1	1.45	16.7	13.9	1.58	16.8	15.6	1.86	17.1	17.3	2.16	17.3	
		150	8.81	0.87	15.9	10.5	1.06	16.1	12.2	1.28	16.3	13.1	1.40	16.4	13.9	1.53	16.5	15.6	1.79	16.7	17.3	2.08	16.9	
	20	80	8.81	1.00	21.8	10.5	1.24	22.1	12.2	1.50	22.5	13.1	1.64	22.6	13.9	1.79	22.8	15.6	2.11	23.2	17.3	2.46	23.5	
		96	8.81	0.97	21.5	10.5	1.19	21.7	12.2	1.44	22.0	13.1	1.58	22.2	13.9	1.72	22.3	15.6	2.02	22.6	17.3	2.35	22.9	
		120	8.81	0.93	21.2	10.5	1.14	21.4	12.2	1.38	21.6	13.1	1.50	21.7	13.9	1.64	21.9	15.6	1.93	22.1	17.3	2.24	22.3	
		150	8.81	0.90	20.9	10.5	1.10	21.1	12.2	1.33	21.3	13.1	1.45	21.4	13.9	1.58	21.5	15.6	1.86	21.7	17.3	2.16	21.9	
	25	80	8.81	1.16	26.8	10.5	1.43	27.1	12.2	1.75	27.5	13.1	1.91	27.7	13.9	2.09	27.9	15.6	2.47	28.2	17.3	2.88	28.6	
		96	8.81	1.12	26.5	10.5	1.38	26.8	12.2	1.68	27.1	13.1	1.84	27.2	13.9	2.00	27.4	15.6	2.36	27.7	17.3	2.76	28.0	
		120	8.81	1.07	26.2	10.5	1.32	26.4	12.2	1.60	26.6	13.1	1.75	26.8	13.9	1.91	26.9	15.6	2.25	27.1	17.3	2.62	27.4	
		150	8.81	1.04	25.9	10.5	1.28	26.1	12.2	1.54	26.3	13.1	1.69	26.4	13.9	1.84	26.5	15.6	2.17	26.7	17.3	2.52	26.9	
	30	80	8.81	1.34	31.8	10.5	1.67	32.2	12.2	2.04	32.6	13.1	2.24	32.7	13.9	2.45	32.9	15.6	2.91	33.3	17.3	3.40	33.7	
		96	8.81	1.29	31.5	10.5	1.61	31.8	12.2	1.96	32.1	13.1	2.15	32.3	13.9	2.35	32.4	15.6	2.78	32.7	17.3	3.25	33.1	
		120	8.81	1.24	31.2	10.5	1.54	31.4	12.2	1.87	31.7	13.1	2.05	31.8	13.9	2.24	31.9	15.6	2.65	32.2	17.3	3.09	32.4	
		150	8.81	1.20	31.0	10.5	1.49	31.1	12.2	1.81	31.3	13.1	1.98	31.4	13.9	2.16	31.5	15.6	2.55	31.7	17.3	2.98	31.9	
	35	80	8.81	1.57	36.9	10.5	1.97	37.2	12.2	2.41	37.6	13.1	2.66	37.8	13.9	2.91	38.0	15.6	3.46	38.4	17.3	4.06	38.8	
		96	8.81	1.51	36.5	10.5	1.89	36.9	12.2	2.31	37.2	13.1	2.54	37.3	13.9	2.79	37.5	15.6	3.31	37.8	17.3	3.87	38.2	
		120	8.81	1.45	36.2	10.5	1.80	36.5	12.2	2.21	36.7	13.1	2.42	36.8	13.9	2.65	37.0	15.6	3.14	37.2	17.3	3.68	37.5	
		150	8.81	1.40	36.0	10.5	1.74	36.2	12.2	2.13	36.4	13.1	2.34	36.5	13.9	2.56	36.6	15.6	3.03	36.8	17.3	3.54	37.0	
	40	80	8.81	1.76	41.9	10.5	2.24	42.3	12.2	2.78	42.7	13.1	3.08	42.9	13.9	3.39	43.1	15.6	4.06	43.5	17.3	4.80	44.0	
		96	8.81	1.74	41.6	10.5	2.19	41.9	12.2	2.71	42.2	13.1	2.99	42.4	13.9	3.28	42.6	15.6	3.92	42.9	17.3	4.61	43.3	
		120	8.81	1.70	41.3	10.5	2.13	41.5	12.2	2.62	41.8	13.1	2.89	41.9	13.9	3.17	42.0	15.6	3.77	42.3	17.3	4.42	42.6	
		150	8.81	1.64	41.0	10.5	2.06	41.2	12.2	2.53	41.4	13.1	2.78	41.5	13.9	3.05	41.6	15.6	3.63	41.8	17.3	4.26	42.1	
	45	80	8.81	1.95	46.9	10.5	2.55	47.3	12.2	3.25	47.8	13.1	3.63	48.0	13.9	4.03	48.2	14.5	4.19	48.3	14.8	4.22	48.4	
		96	8.81	1.85	46.6	10.5	2.41	46.9	12.2	3.05	47.3	13.1	3.40	47.5	13.9	3.77	47.6	15.5	4.52	48.0	15.9	4.56	48.1	
		120	8.81	1.78	46.3	10.5	2.31	46.5	12.2	2.90	46.8	13.1	3.22	46.9	13.9	3.56	47.1	15.6	4.30	47.4	17.2	5.03	47.7	
		150	8.81	1.78	46.0	10.5	2.28	46.2	12.2	2.85	46.4	13.1	3.16	46.6	13.9	3.49	46.7	15.6	4.20	46.9	17.3	4.97	47.1	

CA08A579A

4 Capacity tables

4 - 3 Cooling capacity tables with brine (40%)

RWEYQ8PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CWB																							
			14.0			16.0			18.0			19.0			20.0			22.0			24.0					
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT			
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C			
100	10	80	15.1	1.81	13.0	18.0	2.33	13.6	20.9	2.93	14.3	22.4	3.25	14.6	23.9	3.59	14.9	26.1	3.77	15.3	26.7	3.80	15.5			
		96	15.1	1.74	12.5	18.0	2.23	13.0	20.9	2.80	13.5	22.4	3.10	13.8	23.9	3.43	14.1	26.3	3.67	14.5	26.9	3.70	14.6			
		120	15.1	1.65	12.0	18.0	2.12	12.4	20.9	2.66	12.8	22.4	2.95	13.0	23.9	3.26	13.2	26.6	3.56	13.6	27.2	3.59	13.7			
		150	15.1	1.60	11.6	18.0	2.05	11.9	20.9	2.57	12.2	22.4	2.85	12.4	23.9	3.14	12.6	26.8	3.48	12.9	27.4	3.51	13.0			
	15	80	15.1	1.86	18.0	18.0	2.40	18.7	20.9	3.01	19.3	22.4	3.35	19.6	23.9	3.70	19.9	25.4	3.85	20.2	26.0	3.88	20.3			
		96	15.1	1.79	17.5	18.0	2.30	18.0	20.9	2.88	18.6	22.4	3.20	18.8	23.9	3.53	19.1	25.6	3.75	19.4	26.2	3.78	19.5			
		120	15.1	1.70	17.0	18.0	2.19	17.4	20.9	2.74	17.8	22.4	3.04	18.0	23.9	3.35	18.3	25.9	3.64	18.5	26.5	3.66	18.6			
		150	15.1	1.64	16.6	18.0	2.11	16.9	20.9	2.64	17.3	22.4	2.93	17.4	23.9	3.24	17.6	26.1	3.56	17.8	26.7	3.58	17.9			
	20	80	15.1	1.93	23.1	18.0	2.49	23.7	20.9	3.12	24.3	22.4	3.47	24.6	23.9	3.83	25.0	24.7	3.94	25.1	25.2	3.97	25.2			
		96	15.1	1.85	22.5	18.0	2.38	23.0	20.9	2.99	23.6	22.4	3.31	23.8	23.9	3.66	24.1	24.9	3.84	24.3	25.5	3.87	24.4			
		120	15.1	1.76	22.0	18.0	2.27	22.4	20.9	2.84	22.8	22.4	3.15	23.1	23.9	3.48	23.3	25.2	3.72	23.5	25.7	3.75	23.5			
		150	15.1	1.70	21.6	18.0	2.19	21.9	20.9	2.74	22.3	22.4	3.04	22.4	23.9	3.35	22.6	25.4	3.64	22.8	25.9	3.67	22.8			
	25	80	15.1	2.26	28.1	18.0	2.92	28.8	20.9	3.67	29.4	22.4	4.08	29.7	23.3	4.33	30.0	23.9	4.37	30.1	24.4	4.40	30.2			
		96	15.1	2.16	27.6	18.0	2.79	28.1	20.9	3.51	28.7	22.4	3.90	28.9	23.5	4.22	29.1	24.1	4.25	29.2	24.7	4.28	29.3			
		120	15.1	2.06	27.1	18.0	2.66	27.5	20.9	3.34	27.9	22.4	3.71	28.1	23.8	4.09	28.3	24.4	4.12	28.4	24.9	4.15	28.5			
		150	15.1	1.99	26.6	18.0	2.57	27.0	20.9	3.22	27.3	22.4	3.58	27.5	23.9	3.95	27.7	24.6	4.04	27.7	25.1	4.06	27.8			
	30	80	15.1	2.67	33.2	18.0	3.46	33.9	20.9	4.37	34.5	22.2	4.79	34.8	22.5	4.81	34.9	23.1	4.85	35.0	23.5	4.88	35.1			
		96	15.1	2.55	32.6	18.0	3.31	33.2	20.9	4.17	33.8	22.4	4.66	34.0	22.7	4.68	34.1	23.3	4.72	34.2	23.8	4.75	34.3			
		120	15.1	2.43	32.1	18.0	3.15	32.5	20.9	3.96	33.0	22.4	4.41	33.2	23.0	4.54	33.3	23.5	4.58	33.4	24.0	4.61	33.4			
		150	15.1	2.35	31.7	18.0	3.04	32.0	20.9	3.82	32.4	22.4	4.25	32.5	23.1	4.44	32.6	23.7	4.48	32.7	24.2	4.51	32.7			
	35	80	15.1	3.18	38.3	18.0	4.14	39.0	20.9	5.24	39.7	21.3	5.33	39.8	21.6	5.35	39.8	22.2	5.39	39.9	22.6	5.42	40.0			
		96	15.1	3.04	37.7	18.0	3.96	38.3	20.9	5.00	38.9	21.6	5.19	39.0	21.9	5.21	39.0	22.4	5.25	39.1	22.8	5.28	39.2			
		120	15.1	2.89	37.2	18.0	3.76	37.6	20.9	4.75	38.1	21.8	5.03	38.2	22.1	5.05	38.2	22.6	5.09	38.3	23.1	5.12	38.4			
		150	15.1	2.79	36.7	18.0	3.63	37.1	20.9	4.58	37.4	21.9	4.92	37.6	22.3	4.94	37.6	22.8	4.98	37.7	23.3	5.01	37.7			
	40	80	15.1	3.82	43.4	18.0	5.00	44.1	20.1	5.90	44.7	20.4	5.92	44.7	20.7	5.95	44.8	21.2	5.99	44.9	21.6	6.02	44.9			
		96	15.1	3.65	42.8	18.0	4.78	43.4	20.3	5.74	43.9	20.6	5.77	43.9	20.9	5.79	44.0	21.4	5.83	44.1	21.8	5.86	44.1			
		120	15.1	3.48	42.2	18.0	4.54	42.7	20.6	5.57	43.1	20.9	5.59	43.2	21.1	5.62	43.2	21.6	5.66	43.3	22.1	5.69	43.3			
		150	15.1	3.36	41.8	18.0	4.38	42.1	20.7	5.45	42.5	21.0	5.47	42.5	21.3	5.50	42.6	21.8	5.54	42.6	22.2	5.57	42.7			
	45	80	13.3	3.67	48.0	13.7	3.70	48.1	14.1	3.72	48.2	14.2	3.73	48.2	14.2	3.72	48.2	14.2	3.71	48.2	14.1	3.67	48.2			
		96	14.2	3.96	47.7	14.7	4.01	47.8	15.1	4.04	47.9	15.3	4.04	47.9	15.4	4.05	47.9	15.5	4.04	47.9	15.5	4.02	47.9			
		120	15.1	4.25	47.3	15.9	4.42	47.4	16.4	4.46	47.5	16.6	4.47	47.5	16.7	4.48	47.5	17.0	4.49	47.6	17.1	4.49	47.6			
		150	15.1	4.16	46.8	16.9	4.87	47.1	17.4	4.92	47.1	17.7	4.94	47.2	17.9	4.96	47.2	18.2	4.97	47.2	18.4	4.98	47.2			
90	10	80	13.6	1.57	12.7	16.2	2.00	13.3	18.9	2.49	13.8	20.2	2.76	14.1	21.5	3.04	14.4	24.1	3.64	15.0	26.0	3.77	15.3			
		96	13.6	1.50	12.3	16.2	1.92	12.7	18.9	2.39	13.2	20.2	2.64	13.4	21.5	2.91	13.6	24.1	3.48	14.1	26.3	3.67	14.5			
		120	13.6	1.43	11.8	16.2	1.83	12.2	18.9	2.27	12.5	20.2	2.51	12.7	21.5	2.76	12.9	24.1	3.31	13.3	26.6	3.56	13.6			
		150	13.6	1.39	11.4	16.2	1.76	11.7	18.9	2.19	12.0	20.2	2.42	12.2	21.5	2.67	12.3	24.1	3.19	12.6	26.7	3.48	12.9			
	15	80	13.6	1.61	17.7	16.2	2.06	18.3	18.9	2.57	18.8	20.2	2.84	19.1	21.5	3.13	19.4	24.1	3.75	20.0	25.4	3.85	20.2			
		96	13.6	1.55	17.3	16.2	1.97	17.7	18.9	2.46	18.2	20.2	2.72	18.4	21.5	2.99	18.7	24.1	3.59	19.1	25.6	3.75	19.4			
		120	13.6	1.47	16.8	16.2	1.88	17.2	18.9	2.34	17.5	20.2	2.58	17.7	21.5	2.84	17.9	24.1	3.41	18.3	25.9	3.63	18.5			
		150	13.6	1.43	16.4	16.2	1.82	16.7	18.9	2.25	17.0	20.2	2.49	17.2	21.5	2.75	17.3	24.1	3.29	17.6	26.1	3.56	17.8			
	20	80	13.6	1.67	22.7	16.2	2.13	23.3	18.9	2.66	23.9	20.2	2.94	24.1	21.5	3.25	24.4	24.1	3.89	25.0	24.7	3.94	25.1			
		96	13.6	1.60	22.3	16.2	2.04	22.7	18.9	2.54	23.2	20.2	2.82	23.4	21.5	3.10	23.7	24.1	3.72	24.2	24.9	3.84	24.3			
		120	13.6	1.53	21.8	16.2	1.95	22.2	18.9	2.42	22.5	20.2	2.68	22.7	21.5	2.95	22.9	24.1	3.53	23.3	25.2	3.72	23.5			
		150	13.6	1.48	21.4	16.2	1.88	21.7	18.9	2.34	22.0	20.2	2.58	22.2	21.5	2.85	22.3	24.1	3.41	22.6	25.4	3.64	22.8			
	25	80	13.6	1.95	27.8	16.2	2.50	28.4	18.9	3.12	28.9	20.2	3.46	29.2	21.5	3.82	29.5	23.4	4.33	30.0	23.9	4.37	30.1			
		96	13.6	1.87	27.3	16.2	2.39	27.8	18.9	2.99	28.3	20.2	3.31	28.5	21.5	3.65	28.8	23.6	4.22	29.2	24.1	4.25	29.2			
		120	13.6	1.78	26.8	16.2	2.28	27.2	18.9	2.84	27.6	20.2	3.15	27.8	21.5	3.47	28.0	23.8	4.09	28.3	24.4	4.12	28.4			
		150	13.6	1.72	26.5	16.2	2.20	26.8	18.9	2.74	27.1	20.2	3.04	27.2	21.5	3.35	27.4	24.0	4.00	27.7	24.6	4.03	27.7			
	30	80	13.6	2.30	32.9	16.2	2.96	33.4	18.9	3.70	34.0	20.2	4.11	34.3	21.5	4.54	34.7	22.6	4.82	34.9	23.1	4.85	35.0			
		96	13.6	2.20	32.4	16.2	2.83	32.8	18.9	3.54	33.3	20.2	3.93	33.6	21.5	4.34	33.9	22.8	4.69	34.1	23.3	4.72	34.2			
		120	13.6	2.10	31.9	16.2	2.69	32.3	18.9	3.37	32.7	20.2	3.73	32.9	21.5	4.12	33.1	23.0	4.55	33.3	23.5	4.58	33.4			
		150	13.6	2.03	31.5	16.2	2.60	31.8	18.9	3.25	32.1	20.2	3.60	32.3	21.5	3.98	32.4	23.2	4.45	32.6	23.7	4.48	32.7			
	35	80	13.6	2.73	37.9	16.2	3.53	38.5	18.9	4.43	39.2	20.2	4.93	39.5	21.1	5.31	39.7	21.7	5.35	39.8	22.2	5.39	39.9			
		96	13.6	2.61	37.4	16.2	3.37	37.9	18.9	4.24	38.4	20.2	4.71	38.7	21.4	5.17	39.0	21.9	5.21	39.0	22.4	5.25	39.1			
		120	13.6	2.49	36.9	16.2	3.21	37.3	18.9	4.03	37.7	20.2	4.47	37.9	21.5	4.94	38.2	22.1	5.06	38.2	22.6	5.09	38.3			
		150	13.6	2.40	36.5	16.2	3.10	36.8	18.9	3.89	37.2	20.2	4.32	37.3	21.5	4.77	37.5	22.3	4.95	37.6	22.8	4.98	37.7			
	40	80	13.6	3.27	43.0	16.2	4.25	43.7	18.9	5.36	44.3	20.0	5.88	44.6	20.3	5.91	44.7	20.8	5.95	44.8	21.2	5.99	44.9			
		96	13.6	3.13	42.5	16.2	4.06	43.0	18.9	5.12	43.6	20.2	5.70	43.9	20.5	5.75	43.9	21.0	5.80	44.0	21.4	5.83	44.1			
		120	13.6	2.98	42.0	16.2	3.86	42.4	18.9	4.86	42.8	20.2	5.41	43.1	20.7	5.58	43.1	21.2	5.62	43.2	21.6	5.66	43.3			
		150	13.6	2.88	41.6	16.2	3.73	41.9	18.9	4.69	42.3	20.2	5.22	42.4	20.8	5.46	42.5	21.4	5.50	42.6	21.8	5.54	42.6			
	45	80	13.0	3.64	48.0	13.5	3.68	48.1	13.9	3.71	48.1	14.0	3.72	48.2	14.1	3.73	48.2	14.2	3.72	48.2	14.2	3.71	48.2			
		96	13.6	3.77	47.6	14.4	3.98	47.7	14.9	4.02	47.8	15.0	4.03	47.8	15.2	4.04	47.9	15.4	4.05	47.9	15.5	4.04	47.9			
		120	13.6	3.60	47.1	15.5	4.39	47.4	16.0	4.43	47.4	16.3	4.45	47.5	16.5	4.46	47.5	16.8	4.48	47.5	17.0	4.49	47.6			
		150	13.6	3.54	46.6	16.2	4.66	47.0	17.1	4.89	47.1	17.3	4.91	47.1	17.5	4.93	47.1	17.9	4.96	47.2	18.2	4.97	47.2			
80	10	80	12.1	1.35	12.4	14.4	1.70	12.9	16.8	2.10	13.4	17.9	2.31	13.6	19.1	2.54	13.9	21.4	3.03	14.4	23.7	3.56	14.9			
		96	12.1	1.29	12.0	14.4	1.63	12.4	16.8	2.01	12.8	17.9	2.21	13.0	19.1	2.43	13.2	21.4	2.90	13.6	23.7	3.40	14.1			
		120	12.1	1.23	11.6	14.4	1.55	11.9	16.8	1.91	12.2	17.9	2.11	12.4	19.1	2.31	12.6	21.4	2.75	12.9	23.7	3.23	13.2			
		150	12.1	1.19	11.3	14.4	1.50	11.5	16.8	1.85	11.8	17.9	2.03	11.9	19.1	2.23	12.0	21.4	2.66	12.3	23.7	3.12	12.6			
	15	80	12.1	1.38	17.4	14.4	1.75	17.9	16.8	2.16	18.4	17.9	2.38	18.6	19.1	2.61	18.9	21.4	3.12	19.4	23.7	3.67	19.9			
		96	12.1	1.33	17.0	14.4	1.67	17.4	16.8	2.07	17.8	17.9	2.28	18.0	19.1	2.50	18.2	21.4	2.98	18.6	23.7	3.51	19.1			
		120	12.1	1.27	16.6	14.4	1.60	16.9	16.8	1.97	17.2	17.9	2.17	17.4	19.1	2.38	17.6	21.4	2.83	17.9	23.7	3.33	18.2			
		150	12.1	1.22	16.3	14.4	1.54	16.5	16.8	1.90	16.8	17.9	2.09	16.9	19.1	2.30	17.0	21.4	2.73	17.3	23.7	3.21	17.6			
	20	80	12.1	1.43	22.4	14.4	1.81	22.9	16.8	2.23	23.4	17.9	2.47	23.7	19.1	2.71	23.9	21.4	3.23	24.4	23.7	3.80	24.9			
		96	12.1	1.37	22.0	14.4	1.73	22.4	16.8	2.14	22.8	17.9	2.36	23.0	19.1	2.59	23.2	21.4	3.09	23.7	23.7	3.63	24.1			
		120	12.1	1.31	21.6	14.4	1.65	21.9	16.8	2.04	22.2	17.9	2.24	22.4	19.1	2.46	22.6	21.4	2.94	22.9	23.7	3.45	23.2			
		150	12.1	1.27	21.3	14.4	1.60	21.5	16.8	1.97	21.8	17.9	2.17	21.9	19.1	2.38	22.1	21.4	2.83	22.3	23.7	3.33	22.6			
	25	80	12.1	1.67	27.5	14.4	2.11	28.0	16.8	2.62	28.5	17.9	2.89	28.7	19.1	3.18	29.0	21.4	3.80	29.5	23.3	4.33	29.9			
		96	12.1	1.60	27.0	14.4	2.02	27.5	16.8	2.51	27.9	17.9	2.77	28.1	19.1	3.04	28.3	21.4	3.64	28.7	23.5	4.22	29.1			
		120	12.1	1.52	26.6	14.4	1.93	27.0	16.8	2.39	27.3	17.9	2.63	27.5	19.1	2.89	27.6	21.4	3.46	28.0	23.7	4.07	28.3			
		150	12.1	1.47	26.3	14.4	1.86	26.6	16.8	2.30	26.8	17.9	2.54	27.0	19.1	2.79	27.1	21.4	3.33	27.4	23.7	3.92	27.6			
	30	80	12.1	1.96	32.5	14.4	2.49	33.0	16.8	3.10	33.6	17.9	3.43	33.8	19.1	3.78	34.1	21.4	4.52	34.6	22.5	4.81	34.9			
		96	12.1	1.88	32.1	14.4	2.39	32.5	16.8	2.97	32.9	17.9	3.28	33.2	19.1	3.61	33.4	21.4	4.32	33.8	22.7	4.68	34.1			
		120	12.1	1.79	31.7	14.4	2.27	32.0	16.8	2.82	32.3	17.9	3.12	32.5	19.1	3.43	32.7	21.4	4.11	33.0	22.9	4.54	33.3			
		150	12.1	1.73	31.3	14.4	2.20	31.6	16.8	2.72	31.9	17.9	3.01	32.0	19.1	3.31	32.1	21.4	3.96	32.4	23.1	4.44	32.6			
	35	80	12.1	2.32	37.6	14.4	2.97	38.1	16.8	3.70	38.7	17.9	4.10	38.9	19.1	4.52	39.2	21.1	5.31	39.7	21.6	5.35	39.8			
		96	12.1	2.22	37.1	14.4	2.84	37.6	16.8	3.54	38.0	17.9	3.92	38.3	19.1	4.32	38.5	21.3	5.17	39.0	21.8	5.21	39.0			
		120	12.1	2.12	36.7	14.4	2.70	37.0	16.8	3.37	37.4	17.9	3.73	37.6	19.1	4.11	37.8	21.4	4.92	38.1	22.1	5.05	38.2			
		150	12.1	2.05	36.4	14.4	2.61	36.6	16.8	3.25	36.9	17.9	3.60	37.1	19.1	3.96	37.2	21.4	4.75	37.5	22.2	4.94	37.6			
	40	80	12.1	2.77	42.7	14.4	3.56	43.2	16.8	4.46	43.8	17.9	4.95	44.1	19.1	5.46	44.4	20.2	5.91	44.7	20.7	5.95	44.8			
		96	12.1	2.65	42.2	14.4	3.41	42.7	16.8	4.27	43.1	17.9	4.73	43.4	19.1	5.22	43.6	20.4	5.75	43.9	20.9	5.79	44.0			
		120	12.1	2.53	41.7	14.4	3.24	42.1	16.8	4.05	42.5	17.9	4.50	42.7	19.1	4.96	42.9	20.7	5.57	43.1	21.1	5.62	43.2			
		150	12.1	2.44	41.4	14.4	3.13	41.7	16.8	3.91	42.0	17.9	4.34	42.1	19.1	4.79	42.3	20.8	5.45	42.5	21.3	5.50	42.6			
	45	80	12.1	3.29	47.8	13.2	3.65	48.0	13.6	3.69	48.1	13.7	3.70	48.1	13.9	3.71	48.2	14.1	3.73	48.2	14.2	3.72	48.2			
		96	12.1	3.13	47.3	14.1	3.95	47.7	14.5	3.99	47.8	14.7	4.01	47.8	14.9	4.02	47.8	15.2	4.04	47.9	15.4	4.05	47.9			
		120	12.1	3.00	46.8	14.4	3.94	47.2	15.7	4.40	47.4	15.9	4.42	47.4	16.1	4.44	47.5	16.4	4.46	47.5	16.7	4.48	47.5			
		150	12.1	2.97	46.4	14.4	3.87	46.7	16.6	4.84	47.1	16.9	4.87	47.1	17.1	4.89	47.1	17.5	4.93	47.1	17.9	4.95	47.2			

CA08A579A

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

1 Capacity tables with 40% glycol
Leistungstabellen mit 40 % Glykol
Πίνακες αποδόσεων με 40% γλυκόλη
Tablas de capacidad con un 40% de glicol
Tableaux de puissance (glycol 40 %)
Tabelle delle capacitü (40% glicole)
Capaciteitstabellen met 40% glycol
РЯнбкет брпдьуещн ме 40% глхкьлз
%40 glikollu kapasite tabloları

4 Capacity tables

4 - 3 Cooling capacity tables with brine (40%)

RWEYQ8PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CWB																					
			14.0			16.0			18.0			19.0			20.0			22.0			24.0			
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
70	10	80	10.6	1.14	12.1	12.6	1.42	12.5	14.7	1.74	12.9	15.7	1.91	13.2	16.7	2.09	13.4	18.7	2.47	13.8	20.8	2.89	14.2
		96	10.6	1.09	11.7	12.6	1.36	12.1	14.7	1.66	12.4	15.7	1.83	12.6	16.7	2.00	12.8	18.7	2.36	13.2	20.8	2.76	13.5
		120	10.6	1.05	11.4	12.6	1.30	11.7	14.7	1.59	11.9	15.7	1.74	12.1	16.7	1.90	12.2	18.7	2.25	12.5	20.8	2.63	12.8
		150	10.6	1.01	11.1	12.6	1.26	11.3	14.7	1.53	11.5	15.7	1.68	11.7	16.7	1.84	11.8	18.7	2.17	12.0	20.8	2.54	12.2
	15	80	10.6	1.17	17.1	12.6	1.46	17.5	14.7	1.79	17.9	15.7	1.96	18.2	16.7	2.15	18.4	18.7	2.54	18.8	20.8	2.98	19.3
		96	10.6	1.13	16.7	12.6	1.40	17.1	14.7	1.71	17.4	15.7	1.88	17.6	16.7	2.06	17.8	18.7	2.43	18.2	20.8	2.85	18.5
		120	10.6	1.07	16.4	12.6	1.34	16.7	14.7	1.63	16.9	15.7	1.79	17.1	16.7	1.96	17.2	18.7	2.31	17.5	20.8	2.70	17.8
		150	10.6	1.04	16.1	12.6	1.29	16.3	14.7	1.58	16.6	15.7	1.73	16.7	16.7	1.89	16.8	18.7	2.24	17.0	20.8	2.61	17.2
	20	80	10.6	1.21	22.1	12.6	1.51	22.5	14.7	1.85	23.0	15.7	2.03	23.2	16.7	2.22	23.4	18.7	2.64	23.8	20.8	3.08	24.3
		96	10.6	1.16	21.8	12.6	1.45	22.1	14.7	1.77	22.5	15.7	1.95	22.6	16.7	2.13	22.8	18.7	2.52	23.2	20.8	2.95	23.5
		120	10.6	1.11	21.4	12.6	1.38	21.7	14.7	1.69	22.0	15.7	1.85	22.1	16.7	2.03	22.2	18.7	2.40	22.5	20.8	2.80	22.8
		150	10.6	1.07	21.1	12.6	1.34	21.3	14.7	1.63	21.6	15.7	1.79	21.7	16.7	1.96	21.8	18.7	2.32	22.0	20.8	2.71	22.2
	25	80	10.6	1.41	27.1	12.6	1.76	27.6	14.7	2.16	28.0	15.7	2.38	28.2	16.7	2.61	28.5	18.7	3.10	28.9	20.8	3.63	29.4
		96	10.6	1.35	26.8	12.6	1.69	27.1	14.7	2.07	27.5	15.7	2.28	27.7	16.7	2.49	27.9	18.7	2.96	28.2	20.8	3.47	28.6
		120	10.6	1.29	26.4	12.6	1.61	26.7	14.7	1.97	27.0	15.7	2.17	27.1	16.7	2.37	27.3	18.7	2.82	27.6	20.8	3.30	27.9
		150	10.6	1.25	26.1	12.6	1.56	26.4	14.7	1.91	26.6	15.7	2.09	26.7	16.7	2.29	26.8	18.7	2.72	27.1	20.8	3.18	27.3
	30	80	10.6	1.65	32.2	12.6	2.07	32.6	14.7	2.55	33.1	15.7	2.81	33.3	16.7	3.08	33.5	18.7	3.67	34.0	20.8	4.31	34.5
		96	10.6	1.58	31.8	12.6	1.99	32.2	14.7	2.44	32.6	15.7	2.69	32.7	16.7	2.95	32.9	18.7	3.51	33.3	20.8	4.12	33.7
		120	10.6	1.51	31.4	12.6	1.89	31.7	14.7	2.33	32.0	15.7	2.56	32.2	16.7	2.81	32.3	18.7	3.34	32.6	20.8	3.91	33.0
		150	10.6	1.46	31.2	12.6	1.83	31.4	14.7	2.25	31.6	15.7	2.47	31.7	16.7	2.71	31.9	18.7	3.22	32.1	20.8	3.78	32.3
	35	80	10.6	1.94	37.2	12.6	2.46	37.7	14.7	3.04	38.2	15.7	3.35	38.4	16.7	3.68	38.7	18.7	4.39	39.1	20.8	5.17	39.6
		96	10.6	1.86	36.9	12.6	2.35	37.2	14.7	2.91	37.6	15.7	3.21	37.8	16.7	3.52	38.0	18.7	4.20	38.4	20.8	4.94	38.8
		120	10.6	1.78	36.5	12.6	2.24	36.8	14.7	2.77	37.1	15.7	3.05	37.2	16.7	3.35	37.4	18.7	3.99	37.7	20.8	4.69	38.0
		150	10.6	1.72	36.2	12.6	2.17	36.4	14.7	2.67	36.7	15.7	2.95	36.8	16.7	3.23	36.9	18.7	3.85	37.2	20.8	4.53	37.4
	40	80	10.6	2.31	42.3	12.6	2.94	42.8	14.7	3.65	43.3	15.7	4.03	43.5	16.7	4.44	43.8	18.7	5.31	44.3	20.1	5.89	44.7
		96	10.6	2.22	41.9	12.6	2.82	42.3	14.7	3.49	42.7	15.7	3.86	42.9	16.7	4.24	43.1	18.7	5.07	43.6	20.3	5.74	43.9
		120	10.6	2.12	41.5	12.6	2.68	41.8	14.7	3.32	42.1	15.7	3.67	42.3	16.7	4.03	42.5	18.7	4.82	42.8	20.5	5.56	43.1
		150	10.6	2.05	41.2	12.6	2.59	41.5	14.7	3.21	41.7	15.7	3.54	41.8	16.7	3.89	42.0	18.7	4.65	42.2	20.7	5.44	42.5
	45	80	10.6	2.68	47.4	12.6	3.52	47.9	13.2	3.66	48.0	13.4	3.68	48.1	13.6	3.69	48.1	13.8	3.71	48.1	14.0	3.72	48.2
		96	10.6	2.56	47.0	12.6	3.35	47.4	14.1	3.95	47.7	14.3	3.97	47.7	14.5	3.99	47.8	14.8	4.02	47.8	15.1	4.04	47.9
		120	10.6	2.47	46.6	12.6	3.20	46.9	14.7	4.04	47.2	15.4	4.37	47.4	15.6	4.39	47.4	16.0	4.43	47.4	16.4	4.46	47.5
		150	10.6	2.45	46.2	12.6	3.16	46.5	14.7	3.97	46.8	15.7	4.41	46.9	16.6	4.84	47.1	17.0	4.88	47.1	17.4	4.92	47.1
60	10	80	9.07	0.95	11.8	10.8	1.17	12.1	12.6	1.41	12.5	13.4	1.54	12.7	14.3	1.68	12.9	16.1	1.97	13.2	17.8	2.29	13.6
		96	9.07	0.92	11.5	10.8	1.12	11.8	12.6	1.36	12.1	13.4	1.48	12.2	14.3	1.61	12.4	16.1	1.89	12.7	17.8	2.19	13.0
		120	9.07	0.88	11.2	10.8	1.07	11.4	12.6	1.29	11.7	13.4	1.41	11.8	14.3	1.53	11.9	16.1	1.80	12.1	17.8	2.09	12.4
		150	9.07	0.85	10.9	10.8	1.04	11.1	12.6	1.25	11.3	13.4	1.36	11.4	14.3	1.48	11.5	16.1	1.74	11.7	17.8	2.02	11.9
	15	80	9.07	0.98	16.8	10.8	1.20	17.2	12.6	1.45	17.5	13.4	1.59	17.7	14.3	1.73	17.9	16.1	2.03	18.2	17.8	2.36	18.6
		96	9.07	0.94	16.5	10.8	1.16	16.8	12.6	1.39	17.1	13.4	1.52	17.2	14.3	1.66	17.4	16.1	1.94	17.7	17.8	2.26	18.0
		120	9.07	0.90	16.2	10.8	1.10	16.4	12.6	1.33	16.7	13.4	1.45	16.8	14.3	1.58	16.9	16.1	1.85	17.1	17.8	2.15	17.4
		150	9.07	0.87	16.0	10.8	1.07	16.1	12.6	1.29	16.3	13.4	1.40	16.4	14.3	1.53	16.5	16.1	1.79	16.7	17.8	2.07	16.9
	20	80	9.07	1.01	21.8	10.8	1.24	22.2	12.6	1.50	22.5	13.4	1.64	22.7	14.3	1.79	22.9	16.1	2.10	23.3	17.8	2.44	23.6
		96	9.07	0.97	21.5	10.8	1.19	21.8	12.6	1.44	22.1	13.4	1.57	22.2	14.3	1.71	22.4	16.1	2.01	22.7	17.8	2.34	23.0
		120	9.07	0.93	21.2	10.8	1.14	21.4	12.6	1.37	21.7	13.4	1.50	21.8	14.3	1.63	21.9	16.1	1.92	22.1	17.8	2.22	22.4
		150	9.07	0.90	21.0	10.8	1.10	21.1	12.6	1.33	21.3	13.4	1.45	21.4	14.3	1.58	21.5	16.1	1.85	21.7	17.8	2.15	21.9
	25	80	9.07	1.17	26.8	10.8	1.44	27.2	12.6	1.75	27.6	13.4	1.92	27.8	14.3	2.09	27.9	16.1	2.46	28.3	17.8	2.87	28.7
		96	9.07	1.12	26.5	10.8	1.39	26.8	12.6	1.68	27.1	13.4	1.84	27.3	14.3	2.00	27.4	16.1	2.36	27.8	17.8	2.74	28.1
		120	9.07	1.07	26.2	10.8	1.32	26.5	12.6	1.60	26.7	13.4	1.75	26.8	14.3	1.91	26.9	16.1	2.24	27.2	17.8	2.61	27.4
		150	9.07	1.04	26.0	10.8	1.28	26.2	12.6	1.55	26.3	13.4	1.69	26.4	14.3	1.84	26.5	16.1	2.17	26.7	17.8	2.52	26.9
	30	80	9.07	1.37	31.9	10.8	1.69	32.2	12.6	2.06	32.6	13.4	2.26	32.8	14.3	2.47	33.0	16.1	2.91	33.4	17.8	3.40	33.8
		96	9.07	1.31	31.6	10.8	1.62	31.9	12.6	1.97	32.2	13.4	2.16	32.3	14.3	2.36	32.5	16.1	2.79	32.8	17.8	3.25	33.1
		120	9.07	1.25	31.2	10.8	1.55	31.5	12.6	1.88	31.7	13.4	2.06	31.9	14.3	2.25	32.0	16.1	2.65	32.2	17.8	3.09	32.5
		150	9.07	1.21	31.0	10.8	1.50	31.2	12.6	1.82	31.4	13.4	1.99	31.5	14.3	2.17	31.6	16.1	2.56	31.8	17.8	2.98	32.0
	35	80	9.07	1.60	36.9	10.8	2.00	37.3	12.6	2.44	37.7	13.4	2.68	37.9	14.3	2.93	38.1	16.1	3.47	38.5	17.8	4.06	38.9
		96	9.07	1.54	36.6	10.8	1.92	36.9	12.6	2.34	37.2	13.4	2.57	37.4	14.3	2.81	37.6	16.1	3.32	37.9	17.8	3.88	38.2
		120	9.07	1.47	36.3	10.8	1.83	36.5	12.6	2.23	36.8	13.4	2.45	36.9	14.3	2.67	37.0	16.1	3.16	37.3	17.8	3.69	37.6
		150	9.07	1.42	36.0	10.8	1.77	36.2	12.6	2.16	36.4	13.4	2.36	36.5	14.3	2.58	36.6	16.1	3.05	36.8	17.8	3.56	37.0
	40	80	9.07	1.90	42.0	10.8	2.38	42.4	12.6	2.92	42.8	13.4	3.21	43.0	14.3	3.52	43.2	16.1	4.18	43.6	17.8	4.90	44.1
		96	9.07	1.83	41.6	10.8	2.28	42.0	12.6	2.80	42.3	13.4	3.08	42.5	14.3	3.37	42.6	16.1	4.00	43.0	17.8	4.69	43.4
		120	9.07	1.74	41.3	10.8	2.18	41.6	12.6	2.67	41.8	13.4	2.93	42.0	14.3	3.21	42.1	16.1	3.80	42.4	17.8	4.45	42.7
		150	9.07	1.69	41.0	10.8	2.11	41.2	12.6	2.58	41.4	13.4	2.83	41.6	14.3	3.10	41.7	16.1	3.67	41.9	17.8	4.30	42.1
	45	80	9.07	2.13	47.0	10.8	2.77	47.4	12.6	3.50	47.9	13.0	3.64	48.0	13.1	3.65	48.0	13.5	3.68	48.1	13.7	3.70	48.1
		96	9.07	2.04	46.7	10.8	2.64	47.0	12.6	3.32	47.4	13.4	3.70	47.6	14.0	3.94	47.7	14.4	3.98	47.7	14.7	4.00	47.8
		120	9.07	1.98	46.3	10.8	2.55	46.6	12.6	3.18	46.9	13.4	3.53	47.0	14.3	3.89	47.2	15.5	4.38	47.4	15.9	4.41	47.4
		150	9.07	1.98	46.1	10.8	2.52	46.3	12.6	3.14	46.5	13.4	3.47	46.6	14.3	3.82	46.7	16.1	4.58	47.0	16.9	4.87	47.1
50	10	80	7.56	0.79	11.5	9.0	0.95	11.8	10.5	1.13	12.1	11.2	1.22	12.2	11.9	1.32	12.4	13.4	1.54	12.7	14.8	1.77	13.0
		96	7.56	0.76	11.2	9.0	0.91	11.5	10.5	1.08	11.7	11.2	1.17	11.8	11.9	1.27	12.0	13.4	1.47	12.2	14.8	1.69	12.5
		120	7.56	0.73	11.0	9.0	0.87	11.2	10.5	1.03	11.4	11.2	1.12	11.5	11.9	1.21	11.6	13.4	1.40	11.8	14.8	1.61	12.0
		150	7.56	0.70	10.8	9.0	0.84	10.9	10.5	1.00	11.1	11.2	1.08	11.2	11.9	1.17	11.3	13.4	1.36	11.4	14.8	1.56	11.6
	15	80	7.56	0.81	16.5	9.0	0.97	16.8	10.5	1.16	17.1	11.2	1.26	17.2	11.9	1.36	17.4	13.4	1.58	17.7	14.8	1.82	18.0
		96	7.56	0.78	16.2	9.0	0.94	16.5	10.5	1.11	16.7	11.2	1.21	16.9	11.9	1.30	17.0	13.4	1.51	17.2	14.8	1.74	17.5
		120	7.56	0.74	16.0	9.0	0.89	16.2	10.5	1.06	16.4	11.2	1.15	16.5	11.9	1.24	16.6	13.4	1.44	16.8	14.8	1.66	17.0
		150	7.56	0.72	15.8	9.0	0.87	15.9	10.5	1.03	16.1	11.2	1.11	16.2	11.9	1.20	16.3	13.4	1.40	16.4	14.8	1.60	16.6
	20	80	7.56	0.83	21.5	9.02	1.01	21.8	10.5	1.20	22.1	11.2	1.30	22.2	11.9	1.41	22.4	13.4	1.63	22.7	14.8	1.88	23.0
		96	7.56	0.80	21.2	9.02	0.97	21.5	10.5	1.15	21.7	11.2	1.25	21.9	11.9	1.35	22.0	13.4	1.57	22.2	14.8	1.80	22.5
		120	7.56	0.77	21.0	9.02	0.92	21.2	10.5	1.10	21.4	11.2	1.19	21.5	11.9	1.29	21.6	13.4	1.49	21.8	14.8	1.72	22.0
		150	7.56	0.74	20.8	9.02	0.90	20.9	10.5	1.06	21.1	11.2	1.15	21.2	11.9	1.24	21.3	13.4	1.44	21.4	14.8	1.66	21.6
	25	80	7.56	0.96	26.5	9.02	1.16	26.8	10.5	1.39	27.1	11.2	1.51	27.3	11.9	1.64	27.4	13.4	1.91	27.7	14.8	2.20	28.1
		96	7.56	0.92	26.3	9.02	1.12	26.5	10.5	1.33	26.8	11.2	1.45	26.9	11.9	1.57	27.0	13.4	1.83	27.3	14.8	2.11	27.5
		120	7.56	0.88	26.0	9.02	1.07	26.2	10.5	1.27	26.4	11.2	1.38	26.5	11.9	1.50	26.6	13.4	1.74	26.8	14.8	2.01	27.0
		150	7.56	0.86	25.8	9.02	1.03	26.0	10.5	1.23	26.1	11.2	1.34	26.2	11.9	1.45	26.3	13.4	1.68	26.4	14.8	1.94	26.6
	30	80	7.56	1.11	31.6	9.02	1.36	31.9	10.5	1.62	32.2	11.2	1.77	32.3	11.9	1.92	32.5	13.4	2.24	32.8	14.8	2.60	33.1
		96	7.56	1.07	31.3	9.02	1.30	31.5	10.5	1.56	31.8	11.2	1.70	31.9	11.9	1.84	32.1	13.4	2.15	32.3	14.8	2.49	32.6
		120	7.56	1.02	31.0	9.02	1.24	31.2	10.5	1.49	31.4	11.2	1.62	31.5	11.9	1.76	31.6	13.4	2.05	31.8	14.8	2.37	32.1
		150	7.56	0.99	30.8	9.02	1.20	31.0	10.5	1.44	31.1	11.2	1.57	31.2	11.9	1.70	31.3	13.4	1.98	31.5	14.8	2.29	31.6
	35	80	7.56	1.30	36.6	9.02	1.59	36.9	10.5	1.92	37.2	11.2	2.09	37.4	11.9	2.28	37.5	13.4	2.67	37.9	14.8	3.09	38.2
		96	7.56	1.25	36.3	9.02	1.53	36.6	10.5	1.84	36.8	11.2	2.01	37.0	11.9	2.18	37.1	13.4	2.55	37.4	14.8	2.96	37.7
		120	7.56	1.20	36.0	9.02	1.46	36.3	10.5	1.75	36.5	11.2	1.91	36.6	11.9	2.08	36.7	13.4	2.43	36.9	14.8	2.82	37.1
		150	7.56	1.16	35.8	9.02	1.41	36.0	10.5	1.70	36.2	11.2	1.85	36.2	11.9	2.01	36.3	13.4	2.35	36.5	14.8	2.72	36.7
	40	80	7.56	1.53	41.6	9.02	1.89	42.0	10.5	2.28	42.3	11.2	2.49	42.5	11.9	2.72	42.6	13.4	3.20	43.0	14.8	3.71	43.3
		96	7.56	1.47	41.3	9.02	1.81	41.6	10.5	2.19	41.9	11.2	2.39	42.0	11.9	2.60	42.2	13.4	3.06	42.5	14.8	3.56	42.7
		120	7.56	1.41	41.1	9.02	1.73	41.3	10.5	2.09	41.5	11.2	2.28	41.6	11.9	2.48	41.7	13.4	2.91	41.9	14.8	3.38	42.2
		150	7.56	1.37	40.9	9.02	1.67	41.0	10.5	2.02	41.2	11.2	2.20	41.3	11.9	2.40	41.4	13.4	2.81	41.5	14.8	3.27	41.7
	45	80	7.56	1.64	46.6	9.02	2.11	47.0	10.5	2.63	47.3	11.2	2.92	47.5	11.9	3.22	47.7	12.9	3.63	48.0	13.2	3.66	48.0
		96	7.56	1.59	46.4	9.02	2.03	46.6	10.5	2.52	46.9	11.2	2.79	47.1	11.9	3.07	47.2	13.4	3.67	47.5	14.1	3.95	47.7
		120	7.56	1.56	46.1	9.02	1.97	46.3	10.5	2.43	46.5	11.2	2.68	46.7	11.9	2.94	46.8	13.4	3.51	47.0	14.8	4.12	47.3
		150	7.56	1.57	45.9	9.02	1.96	46.1	10.5	2.41	46.2	11.2	2.65	46.3	11.9	2.91	46.4	13.4	3.45	46.6	14.8	4.04	46.8

CA08A579A

4 Capacity tables

4 - 3 Cooling capacity tables with brine (40%)

RWEYQ10PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CWB																							
			14.0			16.0			18.0			19.0			20.0			22.0			24.0					
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT			
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C			
100	10	80	17.6	2.42	13.6	21.0	3.17	14.3	24.4	4.01	15.1	26.1	4.48	15.5	27.8	4.97	15.9	29.8	5.11	16.3	30.5	5.15	16.4			
		96	17.6	2.29	13.0	21.0	2.99	13.6	24.4	3.79	14.2	26.1	4.22	14.5	27.8	4.68	14.9	30.2	4.97	15.3	30.9	5.00	15.4			
		120	17.6	2.15	12.4	21.0	2.81	12.8	24.4	3.55	13.3	26.1	3.96	13.6	27.8	4.39	13.8	30.7	4.81	14.2	31.4	4.84	14.3			
		150	17.6	2.06	11.9	21.0	2.69	12.3	24.4	3.40	12.7	26.1	3.78	12.9	27.8	4.19	13.1	31.1	4.69	13.4	31.8	4.73	13.5			
	15	80	17.6	2.50	18.6	21.0	3.28	19.4	24.4	4.16	20.1	26.1	4.64	20.5	27.8	5.15	20.9	29.3	5.26	21.2	29.9	5.30	21.3			
		96	17.6	2.37	18.0	21.0	3.10	18.6	24.4	3.92	19.2	26.1	4.37	19.6	27.8	4.85	19.9	29.7	5.11	20.2	30.4	5.15	20.3			
		120	17.6	2.23	17.4	21.0	2.90	17.9	24.4	3.68	18.4	26.1	4.10	18.6	27.8	4.54	18.9	30.2	4.95	19.2	30.9	4.98	19.3			
		150	17.6	2.13	16.9	21.0	2.78	17.3	24.4	3.52	17.7	26.1	3.92	17.9	27.8	4.34	18.1	30.5	4.83	18.4	31.2	4.86	18.4			
	20	80	17.6	2.60	23.6	21.0	3.40	24.4	24.4	4.32	25.1	26.1	4.82	25.5	27.8	5.35	25.9	28.6	5.41	26.1	29.2	5.45	26.2			
		96	17.6	2.46	23.0	21.0	3.22	23.6	24.4	4.08	24.3	26.1	4.55	24.6	27.8	5.04	24.9	29.0	5.26	25.1	29.7	5.30	25.2			
		120	17.6	2.31	22.4	21.0	3.02	22.9	24.4	3.82	23.4	26.1	4.26	23.6	27.8	4.72	23.9	29.5	5.09	24.1	30.2	5.13	24.2			
		150	17.6	2.22	21.9	21.0	2.89	22.3	24.4	3.65	22.7	26.1	4.07	22.9	27.8	4.51	23.1	29.8	4.97	23.3	30.5	5.00	23.4			
	25	80	17.6	3.05	28.7	21.0	4.01	29.5	24.4	5.10	30.3	26.1	5.69	30.7	27.0	5.97	30.9	27.7	6.02	31.0	28.3	6.06	31.2			
		96	17.6	2.89	28.1	21.0	3.78	28.7	24.4	4.81	29.4	26.1	5.37	29.7	27.5	5.80	30.0	28.2	5.85	30.1	28.8	5.89	30.2			
		120	17.6	2.71	27.4	21.0	3.55	27.9	24.4	4.50	28.5	26.1	5.03	28.7	27.8	5.58	29.0	28.6	5.66	29.1	29.3	5.70	29.2			
		150	17.6	2.60	26.9	21.0	3.40	27.3	24.4	4.31	27.7	26.1	4.81	28.0	27.8	5.33	28.2	28.9	5.52	28.3	29.6	5.56	28.4			
	30	80	17.6	3.60	33.8	21.0	4.74	34.6	24.4	6.04	35.5	25.7	6.54	35.8	26.1	6.57	35.9	26.7	6.62	36.0	27.3	6.67	36.1			
		96	17.6	3.40	33.1	21.0	4.47	33.8	24.4	5.70	34.5	26.1	6.35	34.8	26.5	6.39	34.9	27.1	6.44	35.0	27.7	6.48	35.1			
		120	17.6	3.19	32.5	21.0	4.19	33.0	24.4	5.34	33.6	26.1	5.96	33.8	26.9	6.18	34.0	27.6	6.23	34.0	28.2	6.28	34.1			
		150	17.6	3.06	32.0	21.0	4.01	32.4	24.4	5.10	32.8	26.1	5.70	33.0	27.2	6.03	33.2	27.9	6.08	33.2	28.5	6.12	33.3			
	35	80	17.6	4.28	38.9	21.0	5.65	39.8	24.2	7.12	40.6	24.6	7.15	40.7	24.9	7.18	40.8	25.5	7.24	40.9	26.0	7.28	41.0			
		96	17.6	4.04	38.2	21.0	5.33	38.9	24.4	6.81	39.7	25.0	6.95	39.8	25.3	6.99	39.8	25.9	7.04	39.9	26.5	7.08	40.0			
		120	17.6	3.79	37.6	21.0	5.00	38.1	24.4	6.38	38.7	25.4	6.73	38.8	25.7	6.76	38.9	26.4	6.81	39.0	26.9	6.85	39.0			
		150	17.6	3.63	37.0	21.0	4.78	37.5	24.4	6.10	37.9	25.6	6.57	38.1	26.0	6.60	38.1	26.7	6.65	38.2	27.2	6.69	38.2			
	40	80	17.6	4.94	44.0	19.4	5.63	44.5	20.0	5.68	44.6	20.3	5.71	44.7	20.5	5.72	44.7	20.9	5.74	44.8	21.1	5.75	44.8			
		96	17.6	4.73	43.3	20.8	6.17	44.0	21.5	6.23	44.1	21.8	6.26	44.2	22.0	6.28	44.2	22.5	6.32	44.3	22.8	6.33	44.3			
		120	17.6	4.51	42.6	21.0	5.99	43.2	22.8	6.67	43.5	23.1	6.70	43.6	23.4	6.73	43.6	24.0	6.78	43.7	24.4	6.81	43.7			
		150	17.6	4.32	42.1	21.0	5.73	42.6	23.2	6.60	42.8	23.5	6.63	42.9	23.8	6.66	42.9	24.4	6.70	43.0	24.8	6.73	43.0			
	45	80	14.0	3.84	48.2	14.4	3.86	48.3	14.6	3.87	48.3	14.6	3.86	48.3	14.6	3.84	48.3	14.4	3.80	48.3	14.0	3.72	48.2			
		96	15.1	4.15	47.9	15.6	4.19	48.0	15.9	4.21	48.0	16.0	4.21	48.0	16.0	4.20	48.0	16.0	4.17	48.0	15.8	4.12	48.0			
		120	16.3	4.55	47.5	16.9	4.60	47.6	17.3	4.63	47.6	17.5	4.64	47.6	17.6	4.65	47.7	17.7	4.64	47.7	17.7	4.61	47.7			
		150	17.3	4.94	47.1	18.0	5.01	47.2	18.5	5.05	47.2	18.7	5.06	47.3	18.8	5.07	47.3	19.1	5.08	47.3	19.1	5.06	47.3			
90	10	80	15.9	2.07	13.2	18.9	2.69	13.9	22.0	3.39	14.5	23.5	3.78	14.9	25.0	4.18	15.2	28.1	5.00	15.9	29.8	5.11	16.3			
		96	15.9	1.96	12.7	18.9	2.55	13.2	22.0	3.20	13.8	23.5	3.56	14.0	25.0	3.94	14.3	28.1	4.76	14.9	30.2	4.97	15.3			
		120	15.9	1.85	12.1	18.9	2.39	12.5	22.0	3.01	13.0	23.5	3.34	13.2	25.0	3.69	13.4	28.1	4.46	13.9	30.7	4.81	14.2			
		150	15.9	1.77	11.7	18.9	2.29	12.0	22.0	2.88	12.4	23.5	3.20	12.6	25.0	3.53	12.7	28.1	4.26	13.1	31.0	4.69	13.4			
	15	80	15.9	2.15	18.2	18.9	2.79	18.9	22.0	3.51	19.6	23.5	3.91	19.9	25.0	4.33	20.3	28.1	5.18	21.0	29.2	5.26	21.2			
		96	15.9	2.03	17.7	18.9	2.63	18.2	22.0	3.32	18.8	23.5	3.69	19.1	25.0	4.08	19.3	28.1	4.93	19.9	29.7	5.11	20.2			
		120	15.9	1.91	17.1	18.9	2.47	17.6	22.0	3.11	18.0	23.5	3.46	18.2	25.0	3.83	18.4	28.1	4.62	18.9	30.2	4.95	19.2			
		150	15.9	1.83	16.7	18.9	2.37	17.0	22.0	2.98	17.4	23.5	3.31	17.6	25.0	3.66	17.7	28.1	4.41	18.1	30.5	4.83	18.4			
	20	80	15.9	2.23	23.2	18.9	2.89	23.9	22.0	3.65	24.6	23.5	4.06	24.9	25.0	4.50	25.3	27.9	5.37	26.0	28.6	5.41	26.1			
		96	15.9	2.11	22.7	18.9	2.74	23.2	22.0	3.45	23.8	23.5	3.83	24.1	25.0	4.24	24.4	28.1	5.13	25.0	29.0	5.26	25.1			
		120	15.9	1.98	22.1	18.9	2.57	22.6	22.0	3.23	23.0	23.5	3.59	23.2	25.0	3.98	23.5	28.1	4.80	23.9	29.5	5.09	24.1			
		150	15.9	1.90	21.7	18.9	2.46	22.0	22.0	3.09	22.4	23.5	3.44	22.6	25.0	3.80	22.8	28.1	4.59	23.1	29.8	4.97	23.3			
	25	80	15.9	2.61	28.3	18.9	3.40	29.0	22.0	4.30	29.7	23.5	4.79	30.1	25.0	5.31	30.4	27.1	5.97	30.9	27.7	6.01	31.0			
		96	15.9	2.47	27.7	18.9	3.21	28.3	22.0	4.06	28.9	23.5	4.52	29.2	25.0	5.01	29.5	27.5	5.80	30.0	28.2	5.85	30.1			
		120	15.9	2.32	27.2	18.9	3.02	27.6	22.0	3.81	28.1	23.5	4.24	28.3	25.0	4.69	28.5	28.0	5.62	29.0	28.6	5.66	29.1			
		150	15.9	2.23	26.7	18.9	2.89	27.1	22.0	3.64	27.4	23.5	4.05	27.6	25.0	4.48	27.8	28.1	5.42	28.2	28.9	5.52	28.3			
	30	80	15.9	3.07	33.4	18.9	4.01	34.1	22.0	5.09	34.8	23.5	5.68	35.2	25.0	6.30	35.6	26.1	6.58	35.9	26.7	6.62	36.0			
		96	15.9	2.91	32.8	18.9	3.79	33.4	22.0	4.80	34.0	23.5	5.35	34.3	25.0	5.94	34.6	26.5	6.39	34.9	27.1	6.44	35.0			
		120	15.9	2.73	32.2	18.9	3.56	32.7	22.0	4.50	33.2	23.5	5.02	33.4	25.0	5.56	33.7	27.0	6.19	34.0	27.6	6.23	34.0			
		150	15.9	2.62	31.8	18.9	3.41	32.1	22.0	4.31	32.5	23.5	4.80	32.7	25.0	5.31	32.9	27.2	6.04	33.2	27.9	6.08	33.2			
	35	80	15.9	3.64	38.5	18.9	4.78	39.2	22.0	6.07	40.0	23.5	6.78	40.4	24.4	7.13	40.6	25.0	7.19	40.8	25.5	7.24	40.9			
		96	15.9	3.44	37.9	18.9	4.51	38.5	22.0	5.73	39.1	23.5	6.40	39.5	24.7	6.93	39.7	25.4	6.99	39.8	25.9	7.04	39.9			
		120	15.9	3.23	37.3	18.9	4.23	37.8	22.0	5.37	38.3	23.5	5.99	38.5	25.0	6.65	38.8	25.8	6.76	38.9	26.4	6.81	39.0			
		150	15.9	3.10	36.8	18.9	4.05	37.2	22.0	5.13	37.6	23.5	5.73	37.8	25.0	6.35	38.0	26.1	6.60	38.1	26.6	6.65	38.2			
	40	80	15.9	4.16	43.6	18.9	5.55	44.4	19.6	5.65	44.5	19.9	5.67	44.6	20.1	5.69	44.6	20.6	5.73	44.7	20.9	5.74	44.8			
		96	15.9	4.00	43.0	18.9	5.31	43.6	21.0	6.19	44.1	21.3	6.22	44.1	21.6	6.24	44.2	22.1	6.29	44.2	22.5	6.32	44.3			
		120	15.9	3.83	42.4	18.9	5.05	42.9	22.0	6.45	43.4	22.6	6.65	43.5	22.9	6.69	43.5	23.5	6.74	43.6	23.9	6.78	43.7			
		150	15.9	3.67	41.9	18.9	4.83	42.3	22.0	6.16	42.7	23.0	6.58	42.8	23.3	6.61	42.9	23.9	6.66	42.9	24.4	6.70	43.0			
	45	80	13.7	3.81	48.1	14.2	3.85	48.2	14.5	3.87	48.3	14.6	3.87	48.3	14.6	3.86	48.3	14.6	3.84	48.3	14.4	3.80	48.3			
		96	14.7	4.12	47.8	15.3	4.17	47.9	15.7	4.20	48.0	15.8	4.20	48.0	15.9	4.21	48.0	16.0	4.20	48.0	16.0	4.17	48.0			
		120	15.9	4.48	47.4	16.6	4.57	47.5	17.0	4.61	47.6	17.2	4.63	47.6	17.4	4.64	47.6	17.6	4.65	47.7	17.7	4.64	47.7			
		150	15.9	4.32	46.9	17.6	4.97	47.2	18.1	5.02	47.2	18.4	5.04	47.2	18.6	5.05	47.3	18.9	5.07	47.3	19.1	5.08	47.3			
80	10	80	14.1	1.76	12.8	16.8	2.26	13.4	19.5	2.83	14.0	20.9	3.14	14.3	22.2	3.46	14.6	25.0	4.16	15.2	27.7	4.93	15.8			
		96	14.1	1.67	12.4	16.8	2.14	12.8	19.5	2.67	13.3	20.9	2.96	13.6	22.2	3.27	13.8	25.0	3.93	14.3	27.7	4.65	14.8			
		120	14.1	1.57	11.9	16.8	2.01	12.2	19.5	2.51	12.6	20.9	2.78	12.8	22.2	3.06	13.0	25.0	3.68	13.4	27.7	4.35	13.8			
		150	14.1	1.51	11.5	16.8	1.93	11.8	19.5	2.40	12.1	20.9	2.66	12.3	22.2	2.93	12.4	25.0	3.52	12.7	27.7	4.16	13.0			
	15	80	14.1	1.82	17.9	16.8	2.34	18.4	19.5	2.93	19.0	20.9	3.25	19.3	22.2	3.58	19.6	25.0	4.31	20.2	27.7	5.11	20.9			
		96	14.1	1.72	17.4	16.8	2.21	17.8	19.5	2.76	18.3	20.9	3.07	18.6	22.2	3.38	18.8	25.0	4.07	19.3	27.7	4.81	19.9			
		120	14.1	1.62	16.9	16.8	2.08	17.3	19.5	2.60	17.6	20.9	2.88	17.8	22.2	3.17	18.0	25.0	3.81	18.4	27.7	4.51	18.8			
		150	14.1	1.56	16.5	16.8	1.99	16.8	19.5	2.49	17.1	20.9	2.75	17.3	22.2	3.04	17.4	25.0	3.64	17.7	27.7	4.31	18.1			
	20	80	14.1	1.89	22.9	16.8	2.43	23.4	19.5	3.04	24.0	20.9	3.37	24.3	22.2	3.72	24.7	25.0	4.48	25.3	27.7	5.31	25.9			
		96	14.1	1.79	22.4	16.8	2.30	22.9	19.5	2.87	23.3	20.9	3.19	23.6	22.2	3.52	23.8	25.0	4.23	24.4	27.7	5.00	24.9			
		120	14.1	1.68	21.9	16.8	2.16	22.3	19.5	2.70	22.7	20.9	2.99	22.9	22.2	3.30	23.1	25.0	3.96	23.5	27.7	4.69	23.9			
		150	14.1	1.62	21.5	16.8	2.07	21.8	19.5	2.58	22.1	20.9	2.86	22.3	22.2	3.15	22.4	25.0	3.79	22.7	27.7	4.48	23.1			
	25	80	14.1	2.21	27.9	16.8	2.85	28.5	19.5	3.57	29.1	20.9	3.97	29.5	22.2	4.39	29.8	25.0	5.29	30.4	27.0	5.96	30.9			
		96	14.1	2.09	27.4	16.8	2.69	27.9	19.5	3.38	28.4	20.9	3.75	28.7	22.2	4.14	28.9	25.0	4.99	29.5	27.4	5.80	30.0			
		120	14.1	1.97	26.9	16.8	2.53	27.3	19.5	3.17	27.7	20.9	3.52	27.9	22.2	3.88	28.1	25.0	4.67	28.5	27.7	5.53	29.0			
		150	14.1	1.89	26.5	16.8	2.43	26.8	19.5	3.03	27.2	20.9	3.37	27.3	22.2	3.71	27.5	25.0	4.47	27.8	27.7	5.29	28.2			
	30	80	14.1	2.59	33.0	16.8	3.35	33.6	19.5	4.22	34.3	20.9	4.69	34.6	22.2	5.19	34.9	25.0	6.27	35.6	26.1	6.57	35.8			
		96	14.1	2.45	32.5	16.8	3.17	33.0	19.5	3.99	33.5	20.9	4.43	33.8	22.2	4.90	34.1	25.0	5.91	34.6	26.4	6.39	34.9			
		120	14.1	2.31	32.0	16.8	2.98	32.4	19.5	3.74	32.8	20.9	4.15	33.0	22.2	4.59	33.2	25.0	5.53	33.6	26.9	6.18	34.0			
		150	14.1	2.21	31.6	16.8	2.85	31.9	19.5	3.58	32.2	20.9	3.97	32.4	22.2	4.39	32.5	25.0	5.29	32.9	27.2	6.03	33.2			
	35	80	14.1	3.06	38.1	16.8	3.98	38.7	19.5	5.03	39.4	20.9	5.60	39.7	22.2	6.20	40.1	24.4	7.13	40.6	24.9	7.18	40.8			
		96	14.1	2.90	37.5	16.8	3.76	38.1	19.5	4.74	38.6	20.9	5.28	38.9	22.2	5.85	39.2	24.7	6.93	39.7	25.3	6.98	39.8			
		120	14.1	2.72	37.0	16.8	3.53	37.4	19.5	4.45	37.9	20.9	4.95	38.1	22.2	5.48	38.3	25.0	6.62	38.8	25.7	6.76	38.9			
		150	14.1	2.61	36.6	16.8	3.38	36.9	19.5	4.26	37.3	20.9	4.74	37.4	22.2	5.24	37.6	25.0	6.33	38.0	26.0	6.59	38.1			
	40	80	14.1	3.46	43.1	16.8	4.57	43.8	19.1	5.60	44.4	19.4	5.63	44.5	19.7	5.65	44.5	20.1	5.69	44.6	20.5	5.72	44.7			
		96	14.1	3.34	42.6	16.8	4.39	43.2	19.5	5.59	43.8	20.8	6.16	44.0	21.0	6.19	44.1	21.6	6.24	44.2	22.0	6.28	44.2			
		120	14.1	3.20	42.1	16.8	4.19	42.5	19.5	5.32	43.0	20.9	5.93	43.2	22.2	6.58	43.4	22.9	6.68	43.5	23.4	6.73	43.6			
		150	14.1	3.07	41.6	16.8	4.01	42.0	19.5	5.08	42.4	20.9	5.67	42.5	22.2	6.29	42.7	23.3	6.61	42.9	23.8	6.66	42.9			
	45	80	13.3	3.78	48.1	13.9	3.83	48.2	14.2	3.85	48.2	14.4	3.86	48.3	14.5	3.87	48.3	14.6	3.86	48.3	14.6	3.84	48.3			
		96	14.1	3.94	47.7	14.9	4.14	47.8	15.4	4.17	47.9	15.5	4.19	47.9	15.7	4.20	48.0	15.9	4.21	48.0	16.0	4.20	48.0			
		120	14.1	3.69	47.1	16.1	4.53	47.5	16.7	4.58	47.5	16.9	4.60	47.6	17.1	4.62	47.6	17.4	4.64	47.6	17.6	4.65	47.7			
		150	14.1	3.57	46.7	16.8	4.76	47.1	17.7	4.98	47.2	17.9	5.00	47.2	18.2	5.02	47.2	18.5	5.05	47.3	18.8	5.07	47.3			

CA08A579A

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

1 Capacity tables with 40% glycol
Leistungstabellen mit 40 % Glykol
Πίνακες αποδόσεων με 40% γλυκόλη
Tablas de capacidad con un 40% de glicol
Tableaux de puissance (glycol 40 %)
Tabelle delle capacitü (40% glicole)
Capaciteitstabellen met 40% glycol
РЯнбкет брпдьуещн ме 40% глхкьлз
%40 glikollu kapasite tabloları

4 Capacity tables

4 - 3 Cooling capacity tables with brine (40%)

RWEYQ10PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CWB																					
			14.0			16.0			18.0			19.0			20.0			22.0			24.0			
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	
70	10	80	12.3	1.47	12.5	14.7	1.86	13.0	17.1	2.31	13.5	18.3	2.56	13.7	19.5	2.81	14.0	21.8	3.36	14.5	24.2	3.96	15.0	
		96	12.3	1.39	12.1	14.7	1.77	12.5	17.1	2.19	12.9	18.3	2.42	13.1	19.5	2.66	13.3	21.8	3.18	13.7	24.2	3.74	14.2	
		120	12.3	1.31	11.6	14.7	1.66	12.0	17.1	2.06	12.3	18.3	2.27	12.5	19.5	2.50	12.6	21.8	2.98	13.0	24.2	3.51	13.3	
		150	12.3	1.26	11.3	14.7	1.60	11.6	17.1	1.97	11.8	18.3	2.18	12.0	19.5	2.39	12.1	21.8	2.85	12.4	24.2	3.35	12.6	
	15	80	12.3	1.52	17.5	14.7	1.93	18.0	17.1	2.39	18.5	18.3	2.65	18.7	19.5	2.91	19.0	21.8	3.48	19.5	24.2	4.10	20.1	
		96	12.3	1.44	17.1	14.7	1.83	17.5	17.1	2.26	17.9	18.3	2.50	18.1	19.5	2.75	18.3	21.8	3.29	18.8	24.2	3.87	19.2	
		120	12.3	1.36	16.6	14.7	1.72	17.0	17.1	2.13	17.3	18.3	2.35	17.5	19.5	2.58	17.6	21.8	3.08	18.0	24.2	3.63	18.3	
		150	12.3	1.31	16.3	14.7	1.65	16.6	17.1	2.04	16.8	18.3	2.25	17.0	19.5	2.47	17.1	21.8	2.95	17.4	24.2	3.47	17.6	
	20	80	12.3	1.58	22.5	14.7	2.00	23.0	17.1	2.49	23.5	18.3	2.75	23.8	19.5	3.02	24.0	21.8	3.62	24.6	24.2	4.27	25.1	
		96	12.3	1.50	22.1	14.7	1.90	22.5	17.1	2.35	22.9	18.3	2.60	23.1	19.5	2.86	23.3	21.8	3.42	23.8	24.2	4.03	24.2	
		120	12.3	1.41	21.6	14.7	1.79	22.0	17.1	2.21	22.3	18.3	2.44	22.5	19.5	2.68	22.6	21.8	3.20	23.0	24.2	3.77	23.3	
		150	12.3	1.35	21.3	14.7	1.71	21.6	17.1	2.12	21.8	18.3	2.34	22.0	19.5	2.57	22.1	21.8	3.07	22.4	24.2	3.61	22.7	
	25	80	12.3	1.84	27.5	14.7	2.34	28.1	17.1	2.92	28.6	18.3	3.23	28.9	19.5	3.56	29.1	21.8	4.26	29.7	24.2	5.03	30.2	
		96	12.3	1.74	27.1	14.7	2.22	27.5	17.1	2.76	28.0	18.3	3.05	28.2	19.5	3.36	28.4	21.8	4.02	28.9	24.2	4.75	29.3	
		120	12.3	1.64	26.7	14.7	2.09	27.0	17.1	2.59	27.4	18.3	2.86	27.5	19.5	3.15	27.7	21.8	3.77	28.1	24.2	4.45	28.4	
		150	12.3	1.58	26.3	14.7	2.00	26.6	17.1	2.48	26.9	18.3	2.74	27.0	19.5	3.02	27.1	21.8	3.61	27.4	24.2	4.25	27.7	
	30	80	12.3	2.15	32.6	14.7	2.75	33.1	17.1	3.44	33.7	18.3	3.81	34.0	19.5	4.20	34.2	21.8	5.04	34.8	24.2	5.96	35.4	
		96	12.3	2.04	32.1	14.7	2.61	32.6	17.1	3.25	33.0	18.3	3.60	33.3	19.5	3.97	33.5	21.8	4.76	34.0	24.2	5.62	34.5	
		120	12.3	1.92	31.7	14.7	2.45	32.1	17.1	3.05	32.4	18.3	3.38	32.6	19.5	3.72	32.8	21.8	4.46	33.1	24.2	5.27	33.5	
		150	12.3	1.84	31.4	14.7	2.35	31.6	17.1	2.92	31.9	18.3	3.23	32.1	19.5	3.56	32.2	21.8	4.27	32.5	24.2	5.04	32.8	
	35	80	12.3	2.53	37.7	14.7	3.26	38.2	17.1	4.08	38.8	18.3	4.53	39.1	19.5	5.00	39.4	21.8	6.02	40.0	24.2	7.11	40.6	
		96	12.3	2.40	37.2	14.7	3.08	37.7	17.1	3.85	38.1	18.3	4.28	38.4	19.5	4.72	38.6	21.8	5.68	39.1	24.2	6.72	39.6	
		120	12.3	2.26	36.7	14.7	2.90	37.1	17.1	3.62	37.5	18.3	4.01	37.7	19.5	4.43	37.9	21.8	5.32	38.2	24.2	6.29	38.6	
		150	12.3	2.17	36.4	14.7	2.78	36.7	17.1	3.47	37.0	18.3	3.84	37.1	19.5	4.24	37.3	21.8	5.09	37.6	24.2	6.02	37.9	
	40	80	12.3	2.82	42.7	14.7	3.69	43.3	17.1	4.70	43.9	18.3	5.24	44.2	19.1	5.60	44.4	19.6	5.64	44.5	20.0	5.68	44.6	
		96	12.3	2.73	42.3	14.7	3.56	42.7	17.1	4.51	43.2	18.3	5.02	43.5	19.5	5.56	43.7	21.0	6.18	44.1	21.4	6.23	44.1	
		120	12.3	2.64	41.8	14.7	3.41	42.2	17.1	4.30	42.6	18.3	4.78	42.8	19.5	5.29	43.0	21.8	6.39	43.4	22.8	6.67	43.5	
		150	12.3	2.53	41.4	14.7	3.27	41.7	17.1	4.11	42.0	18.3	4.57	42.2	19.5	5.06	42.3	21.8	6.10	42.7	23.1	6.59	42.8	
	45	80	12.3	3.39	47.8	13.5	3.79	48.1	13.9	3.83	48.2	14.1	3.84	48.2	14.2	3.85	48.2	14.5	3.87	48.3	14.6	3.87	48.3	
		96	12.3	3.17	47.3	14.5	4.10	47.8	15.0	4.14	47.9	15.2	4.16	47.9	15.4	4.17	47.9	15.7	4.20	48.0	15.9	4.21	48.0	
		120	12.3	2.98	46.8	14.7	3.96	47.2	16.2	4.54	47.5	16.4	4.56	47.5	16.7	4.58	47.5	17.0	4.61	47.6	17.3	4.63	47.6	
		150	12.3	2.90	46.5	14.7	3.83	46.8	17.1	4.89	47.1	17.4	4.96	47.1	17.7	4.98	47.2	18.1	5.02	47.2	18.5	5.05	47.2	
60	10	80	10.57	1.21	12.1	12.6	1.51	12.5	14.6	1.85	13.0	15.7	2.04	13.2	16.7	2.23	13.4	18.7	2.65	13.8	20.8	3.10	14.3	
		96	10.57	1.15	11.8	12.6	1.43	12.1	14.6	1.76	12.4	15.7	1.93	12.6	16.7	2.11	12.8	18.7	2.51	13.2	20.8	2.93	13.5	
		120	10.57	1.08	11.4	12.6	1.35	11.7	14.6	1.65	11.9	15.7	1.82	12.1	16.7	1.99	12.2	18.7	2.35	12.5	20.8	2.75	12.8	
		150	10.57	1.04	11.1	12.6	1.30	11.3	14.6	1.59	11.6	15.7	1.74	11.7	16.7	1.91	11.8	18.7	2.25	12.0	20.8	2.64	12.2	
	15	80	10.57	1.25	17.1	12.6	1.56	17.5	14.6	1.92	18.0	15.7	2.11	18.2	16.7	2.31	18.4	18.7	2.74	18.8	20.8	3.21	19.3	
		96	10.57	1.19	16.8	12.6	1.48	17.1	14.6	1.82	17.5	15.7	2.00	17.6	16.7	2.19	17.8	18.7	2.59	18.2	20.8	3.04	18.6	
		120	10.57	1.12	16.4	12.6	1.40	16.7	14.6	1.71	17.0	15.7	1.88	17.1	16.7	2.06	17.2	18.7	2.44	17.5	20.8	2.85	17.8	
		150	10.57	1.08	16.1	12.6	1.34	16.3	14.6	1.64	16.6	15.7	1.80	16.7	16.7	1.97	16.8	18.7	2.33	17.0	20.8	2.73	17.2	
	20	80	10.6	1.29	22.1	12.6	1.62	22.6	14.6	1.99	23.0	15.7	2.19	23.2	16.7	2.40	23.4	18.7	2.85	23.9	20.8	3.34	24.3	
		96	10.6	1.23	21.8	12.6	1.54	22.1	14.6	1.89	22.5	15.7	2.07	22.6	16.7	2.27	22.8	18.7	2.69	23.2	20.8	3.15	23.6	
		120	10.6	1.16	21.4	12.6	1.45	21.7	14.6	1.78	22.0	15.7	1.95	22.1	16.7	2.13	22.2	18.7	2.53	22.5	20.8	2.96	22.8	
		150	10.6	1.12	21.1	12.6	1.39	21.3	14.6	1.70	21.6	15.7	1.87	21.7	16.7	2.05	21.8	18.7	2.42	22.0	20.8	2.83	22.3	
	25	80	10.6	1.50	27.2	12.6	1.89	27.6	14.6	2.33	28.0	15.7	2.57	28.3	16.7	2.81	28.5	18.7	3.35	29.0	20.8	3.93	29.4	
		96	10.6	1.43	26.8	12.6	1.80	27.2	14.6	2.21	27.5	15.7	2.43	27.7	16.7	2.66	27.9	18.7	3.16	28.3	20.8	3.71	28.7	
		120	10.6	1.35	26.4	12.6	1.69	26.7	14.6	2.08	27.0	15.7	2.28	27.1	16.7	2.50	27.3	18.7	2.97	27.6	20.8	3.48	27.9	
		150	10.6	1.30	26.1	12.6	1.62	26.4	14.6	1.99	26.6	15.7	2.19	26.7	16.7	2.40	26.8	18.7	2.85	27.1	20.8	3.33	27.3	
	30	80	10.6	1.75	32.2	12.6	2.21	32.7	14.6	2.73	33.1	15.7	3.02	33.3	16.7	3.31	33.6	18.7	3.95	34.1	20.8	4.65	34.6	
		96	10.6	1.66	31.8	12.6	2.10	32.2	14.6	2.59	32.6	15.7	2.85	32.8	16.7	3.13	33.0	18.7	3.73	33.4	20.8	4.39	33.8	
		120	10.6	1.57	31.5	12.6	1.98	31.7	14.6	2.44	32.0	15.7	2.68	32.2	16.7	2.94	32.3	18.7	3.50	32.7	20.8	4.11	33.0	
		150	10.6	1.51	31.2	12.6	1.90	31.4	14.6	2.33	31.6	15.7	2.57	31.7	16.7	2.82	31.9	18.7	3.35	32.1	20.8	3.94	32.4	
	35	80	10.6	2.05	37.3	12.6	2.61	37.7	14.6	3.23	38.2	15.7	3.57	38.4	16.7	3.93	38.7	18.7	4.70	39.2	20.8	5.54	39.7	
		96	10.6	1.95	36.9	12.6	2.47	37.3	14.6	3.06	37.6	15.7	3.38	37.8	16.7	3.72	38.0	18.7	4.44	38.5	20.8	5.23	38.9	
		120	10.6	1.84	36.5	12.6	2.33	36.8	14.6	2.88	37.1	15.7	3.18	37.3	16.7	3.49	37.4	18.7	4.16	37.7	20.8	4.90	38.1	
		150	10.6	1.77	36.2	12.6	2.23	36.4	14.6	2.76	36.7	15.7	3.04	36.8	16.7	3.34	36.9	18.7	3.99	37.2	20.8	4.69	37.4	
	40	80	10.6	2.25	42.3	12.6	2.91	42.8	14.6	3.67	43.3	15.7	4.08	43.5	16.7	4.52	43.8	18.7	5.46	44.3	19.4	5.62	44.5	
		96	10.6	2.19	41.9	12.6	2.82	42.3	14.6	3.54	42.7	15.7	3.93	42.9	16.7	4.34	43.1	18.7	5.22	43.6	20.7	6.16	44.0	
		120	10.6	2.13	41.5	12.6	2.72	41.8	14.6	3.39	42.2	15.7	3.76	42.3	16.7	4.14	42.5	18.7	4.97	42.8	20.8	5.87	43.2	
		150	10.6	2.05	41.2	12.6	2.61	41.5	14.6	3.25	41.7	15.7	3.60	41.8	16.7	3.96	42.0	18.7	4.75	42.2	20.8	5.61	42.5	
	45	80	10.6	2.64	47.4	12.6	3.52	47.9	13.5	3.79	48.1	13.7	3.81	48.1	13.8	3.82	48.2	14.1	3.85	48.2	14.4	3.86	48.3	
		96	10.6	2.49	47.0	12.6	3.29	47.4	14.5	4.10	47.8	14.7	4.12	47.8	14.9	4.13	47.8	15.2	4.16	47.9	15.5	4.19	47.9	
		120	10.6	2.35	46.5	12.6	3.09	46.9	14.6	3.93	47.2	15.7	4.39	47.4	16.1	4.53	47.5	16.5	4.57	47.5	16.9	4.60	47.6	
		150	10.6	2.30	46.2	12.6	3.00	46.5	14.6	3.80	46.8	15.7	4.24	46.9	16.7	4.70	47.0	17.5	4.97	47.2	17.9	5.00	47.2	
50	10	80	8.81	0.97	11.8	10.5	1.20	12.1	12.2	1.45	12.4	13.1	1.58	12.6	13.9	1.72	12.8	15.6	2.03	13.2	17.3	2.35	13.5	
		96	8.81	0.93	11.5	10.5	1.14	11.7	12.2	1.37	12.0	13.1	1.50	12.2	13.9	1.63	12.3	15.6	1.92	12.6	17.3	2.23	12.9	
		120	8.81	0.88	11.2	10.5	1.08	11.4	12.2	1.30	11.6	13.1	1.42	11.7	13.9	1.54	11.8	15.6	1.81	12.1	17.3	2.09	12.3	
		150	8.81	0.85	10.9	10.5	1.04	11.1	12.2	1.25	11.3	13.1	1.36	11.4	13.9	1.48	11.5	15.6	1.73	11.7	17.3	2.01	11.8	
	15	80	8.81	1.01	16.8	10.5	1.24	17.1	12.2	1.50	17.5	13.1	1.64	17.6	13.9	1.78	17.8	15.6	2.10	18.2	17.3	2.44	18.5	
		96	8.81	0.96	16.5	10.5	1.18	16.7	12.2	1.42	17.0	13.1	1.55	17.2	13.9	1.69	17.3	15.6	1.99	17.6	17.3	2.31	17.9	
		120	8.81	0.91	16.2	10.5	1.11	16.4	12.2	1.34	16.6	13.1	1.46	16.7	13.9	1.59	16.9	15.6	1.87	17.1	17.3	2.17	17.3	
		150	8.81	0.87	15.9	10.5	1.07	16.1	12.2	1.29	16.3	13.1	1.41	16.4	13.9	1.53	16.5	15.6	1.79	16.7	17.3	2.08	16.9	
	20	80	8.81	1.04	21.8	10.5	1.28	22.1	12.2	1.55	22.5	13.1	1.70	22.6	13.9	1.85	22.8	15.6	2.18	23.2	17.3	2.53	23.6	
		96	8.81	0.99	21.5	10.5	1.22	21.8	12.2	1.47	22.0	13.1	1.61	22.2	13.9	1.75	22.3	15.6	2.06	22.6	17.3	2.39	22.9	
		120	8.81	0.94	21.2	10.5	1.15	21.4	12.2	1.39	21.6	13.1	1.52	21.7	13.9	1.65	21.9	15.6	1.94	22.1	17.3	2.25	22.3	
		150	8.81	0.91	20.9	10.5	1.11	21.1	12.2	1.34	21.3	13.1	1.46	21.4	13.9	1.59	21.5	15.6	1.86	21.7	17.3	2.16	21.9	
	25	80	8.81	1.21	26.8	10.5	1.49	27.2	12.2	1.81	27.5	13.1	1.98	27.7	13.9	2.16	27.9	15.6	2.55	28.3	17.3	2.97	28.6	
		96	8.81	1.15	26.5	10.5	1.42	26.8	12.2	1.72	27.1	13.1	1.88	27.2	13.9	2.05	27.4	15.6	2.41	27.7	17.3	2.81	28.0	
		120	8.81	1.09	26.2	10.5	1.34	26.4	12.2	1.62	26.7	13.1	1.77	26.8	13.9	1.93	26.9	15.6	2.27	27.1	17.3	2.64	27.4	
		150	8.81	1.05	25.9	10.5	1.29	26.1	12.2	1.56	26.3	13.1	1.70	26.4	13.9	1.85	26.5	15.6	2.18	26.7	17.3	2.53	26.9	
	30	80	8.81	1.40	31.8	10.5	1.74	32.2	12.2	2.12	32.6	13.1	2.32	32.8	13.9	2.54	32.9	15.6	3.00	33.3	17.3	3.50	33.7	
		96	8.81	1.33	31.5	10.5	1.65	31.8	12.2	2.01	32.1	13.1	2.20	32.3	13.9	2.40	32.4	15.6	2.84	32.8	17.3	3.31	33.1	
		120	8.81	1.26	31.2	10.5	1.56	31.4	12.2	1.89	31.7	13.1	2.07	31.8	13.9	2.26	31.9	15.6	2.67	32.2	17.3	3.11	32.4	
		150	8.81	1.21	31.0	10.5	1.50	31.1	12.2	1.82	31.3	13.1	1.99	31.4	13.9	2.17	31.5	15.6	2.56	31.7	17.3	2.98	31.9	
	35	80	8.81	1.63	36.9	10.5	2.04	37.2	12.2	2.49	37.6	13.1	2.74	37.8	13.9	3.00	38.0	15.6	3.55	38.4	17.3	4.16	38.8	
		96	8.81	1.55	36.5	10.5	1.93	36.9	12.2	2.36	37.2	13.1	2.59	37.3	13.9	2.84	37.5	15.6	3.36	37.8	17.3	3.93	38.2	
		120	8.81	1.47	36.2	10.5	1.82	36.5	12.2	2.23	36.7	13.1	2.44	36.9	13.9	2.67	37.0	15.6	3.16	37.2	17.3	3.69	37.5	
		150	8.81	1.41	36.0	10.5	1.75	36.2	12.2	2.14	36.4	13.1	2.34	36.5	13.9	2.56	36.6	15.6	3.02	36.8	17.3	3.53	37.0	
	40	80	8.81	1.74	41.9	10.5	2.23	42.3	12.2	2.77	42.7	13.1	3.07	42.9	13.9	3.38	43.1	15.6	4.05	43.5	17.3	4.79	44.0	
		96	8.81	1.72	41.6	10.5	2.18	41.9	12.2	2.69	42.2	13.1	2.97	42.4	13.9	3.27	42.6	15.6	3.90	42.9	17.3	4.59	43.3	
		120	8.81	1.68	41.3	10.5	2.11	41.5	12.2	2.60	41.8	13.1	2.86	41.9	13.9	3.14	42.0	15.6	3.73	42.3	17.3	4.38	42.6	
		150	8.81	1.62	41.0	10.5	2.03	41.2	12.2	2.49	41.4	13.1	2.74	41.5	13.9	3.01	41.6	15.6	3.58	41.8	17.3	4.19	42.1	
	45	80	8.81	1.99	46.9	10.5	2.62	47.4	12.2	3.33	47.8	13.1	3.72	48.0	13.3	3.78	48.1	13.6	3.81	48.1	13.9	3.83	48.2	
		96	8.81	1.89	46.6	10.5	2.46	46.9	12.2	3.12	47.3	13.1	3.48	47.5	13.9	3.86	47.7	14.7	4.11	47.8	15.0	4.14	47.9	
		120	8.81	1.80	46.3	10.5	2.33	46.5	12.2	2.93	46.8	13.1	3.26	46.9	13.9	3.61	47.1	15.6	4.36	47.4	16.2	4.54	47.5	
		150	8.81	1.77	46.0	10.5	2.28	46.2	12.2	2.85	46.4	13.1	3.17	46.6	13.9	3.50	46.7	15.6	4.21	46.9	17.2	4.94	47.1	

CA08A579A

4 Capacity tables

4 - 4 Heating capacity tables with brine (30%)

RWEYQ8PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
100	-10	80																		
		96																		
		120																		
		150																		
	-5	80	14.7	3.85	-6.95	14.8	3.81	-6.98	14.9	3.80	-6.99	14.9	3.81	-6.99	14.9	3.82	-6.99	14.9	3.88	-6.98
		96	15.1	3.83	-6.68	15.2	3.80	-6.70	15.2	3.80	-6.71	15.2	3.81	-6.71	15.2	3.83	-6.70	15.2	3.90	-6.69
		120	15.5	3.81	-6.39	15.5	3.79	-6.40	15.6	3.81	-6.41	15.6	3.82	-6.40	15.6	3.85	-6.40	15.6	3.92	-6.39
		150	15.7	3.80	-6.14	15.8	3.79	-6.15	15.8	3.81	-6.15	15.8	3.83	-6.15	15.8	3.86	-6.14	15.8	3.94	-6.13
	0	80	16.8	3.81	-2.33	16.9	3.83	-2.34	16.9	3.88	-2.33	16.9	3.91	-2.32	16.8	3.95	-2.31	16.8	4.05	-2.28
		96	17.2	3.81	-2.00	17.2	3.84	-2.00	17.2	3.90	-1.99	17.2	3.93	-1.98	17.2	3.98	-1.97	17.1	4.08	-1.94
		120	17.6	3.82	-1.64	17.6	3.86	-1.64	17.6	3.92	-1.63	17.5	3.96	-1.62	17.5	4.00	-1.61	17.4	4.11	-1.59
		150	17.9	3.82	-1.34	17.9	3.87	-1.34	17.8	3.93	-1.33	17.8	3.98	-1.32	17.8	4.02	-1.32	17.7	4.14	-1.30
	5	80	19.0	3.89	2.30	19.0	3.95	2.31	18.9	4.03	2.34	18.9	4.08	2.35	18.8	4.14	2.37	18.7	4.26	2.42
		96	19.3	3.90	2.69	19.3	3.97	2.71	19.2	4.06	2.73	19.2	4.11	2.75	19.1	4.17	2.76	19.0	4.30	2.80
		120	19.8	3.92	3.11	19.7	4.00	3.12	19.6	4.09	3.14	19.6	4.14	3.15	19.5	4.20	3.17	19.4	4.34	3.20
		150	20.1	3.94	3.46	20.0	4.02	3.47	19.9	4.11	3.49	19.9	4.17	3.50	19.8	4.23	3.51	19.7	4.36	3.54
	10	80	21.2	4.03	6.92	21.1	4.12	6.96	21.0	4.22	6.99	20.9	4.28	7.02	20.9	4.35	7.04	20.7	4.49	7.10
		96	21.6	4.05	7.38	21.5	4.15	7.41	21.4	4.26	7.44	21.3	4.32	7.46	21.2	4.38	7.48	21.1	4.53	7.53
		120	22.0	4.08	7.86	21.9	4.18	7.88	21.8	4.29	7.91	21.7	4.36	7.92	21.7	4.42	7.94	21.5	4.57	7.98
		150	22.4	4.11	8.26	22.3	4.21	8.28	22.1	4.32	8.30	22.1	4.39	8.31	22.0	4.45	8.33	21.8	4.57	8.35
	15	80	23.5	4.20	11.5	23.3	4.31	11.6	23.2	4.43	11.6	23.1	4.50	11.7	23.0	4.57	11.7	21.8	4.24	11.9
		96	23.9	4.23	12.1	23.8	4.34	12.1	23.6	4.47	12.1	23.5	4.53	12.2	23.4	4.57	12.2	21.8	4.13	12.4
		120	24.4	4.27	12.6	24.2	4.38	12.6	24.1	4.51	12.7	24.0	4.58	12.7	23.4	4.42	12.7	21.8	4.00	12.9
		150	24.7	4.30	13.0	24.6	4.41	13.1	24.4	4.54	13.1	24.2	4.53	13.1	23.4	4.31	13.2	21.8	3.90	13.3
	20	80	25.8	4.39	16.2	25.7	4.51	16.2	25.0	4.43	16.3	24.2	4.22	16.4	23.4	4.03	16.5	21.8	3.65	16.8
		96	26.3	4.43	16.7	26.1	4.55	16.8	25.0	4.30	16.9	24.2	4.11	17.0	23.4	3.92	17.1	21.8	3.55	17.3
		120	26.8	4.47	17.3	26.6	4.55	17.4	25.0	4.16	17.5	24.2	3.98	17.6	23.4	3.79	17.7	21.8	3.44	17.8
		150	27.2	4.50	17.8	26.6	4.44	17.9	25.0	4.07	18.0	24.2	3.88	18.1	23.4	3.71	18.1	21.8	3.37	18.2
	25	80	28.2	4.52	20.8	26.6	4.16	21.0	25.0	3.81	21.2	24.2	3.65	21.3	23.4	3.48	21.4	21.8	3.17	21.7
		96	28.2	4.40	21.4	26.6	4.05	21.6	25.0	3.71	21.8	24.2	3.55	21.9	23.4	3.39	22.0	21.8	3.08	22.2
		120	28.2	4.26	22.1	26.6	3.92	22.3	25.0	3.60	22.4	24.2	3.44	22.5	23.4	3.29	22.6	21.8	2.99	22.8
		150	28.2	4.16	22.7	26.6	3.83	22.8	25.0	3.51	22.9	24.2	3.36	23.0	23.4	3.21	23.1	21.8	2.93	23.2
	30	80	28.2	3.91	25.6	26.6	3.61	25.9	25.0	3.32	26.1	24.2	3.17	26.2	23.4	3.04	26.4	21.8	2.77	26.6
		96	28.2	3.80	26.4	26.6	3.51	26.6	25.0	3.23	26.8	24.2	3.09	26.8	23.4	2.96	26.9	21.8	2.70	27.2
		120	28.2	3.69	27.1	26.6	3.40	27.2	25.0	3.13	27.4	24.2	3.00	27.5	23.4	2.87	27.5	21.8	2.62	27.7
		150	28.2	3.60	27.6	26.6	3.33	27.8	25.0	3.06	27.9	24.2	2.93	28.0	23.4	2.81	28.0	21.8	2.57	28.2
	35	80	28.2	3.41	30.6	26.6	3.15	30.8	25.0	2.90	31.0	24.2	2.78	31.2	23.4	2.67	31.3	21.8	2.44	31.5
		96	28.2	3.32	31.3	26.6	3.07	31.5	25.0	2.83	31.7	24.2	2.71	31.8	23.4	2.60	31.9	21.8	2.38	32.1
		120	28.2	3.22	32.0	26.6	2.98	32.2	25.0	2.75	32.3	24.2	2.64	32.4	23.4	2.53	32.5	21.8	2.32	32.7
		150	28.2	3.15	32.6	26.6	2.91	32.7	25.0	2.69	32.9	24.2	2.58	32.9	23.4	2.48	33.0	21.8	2.27	33.1
	40	80	28.2	2.99	35.5	26.6	2.77	35.7	25.0	2.56	36.0	24.2	2.46	36.1	23.4	2.36	36.2	21.8	2.17	36.5
		96	28.2	2.91	36.2	26.6	2.70	36.4	25.0	2.50	36.6	24.2	2.40	36.7	23.4	2.30	36.9	21.8	2.12	37.1
		120	28.2	2.83	37.0	26.6	2.63	37.1	25.0	2.43	37.3	24.2	2.33	37.4	23.4	2.24	37.5	21.8	2.06	37.6
		150	28.2	2.77	37.6	26.6	2.57	37.7	25.0	2.38	37.8	24.2	2.29	37.9	23.4	2.20	38.0	21.8	2.02	38.1
	45	80	28.2	2.64	40.4	26.6	2.46	40.7	25.0	2.28	40.9	24.2	2.19	41.1	23.4	2.10	41.2	21.8	1.94	41.4
		96	28.2	2.58	41.2	26.6	2.40	41.4	25.0	2.22	41.6	24.2	2.14	41.7	23.4	2.05	41.8	21.8	1.89	42.0
		120	28.2	2.50	41.9	26.6	2.33	42.1	25.0	2.16	42.3	24.2	2.08	42.4	23.4	2.00	42.4	21.8	1.84	42.6
		150	28.2	2.45	42.5	26.6	2.28	42.7	25.0	2.12	42.8	24.2	2.04	42.9	23.4	1.96	43.0	21.8	1.81	43.1
90	-10	80																		
		96																		
		120																		
		150																		
	-5	80	14.9	3.80	-6.99	14.9	3.81	-6.99	14.9	3.85	-6.99	14.9	3.88	-6.98	14.9	3.92	-6.97	14.9	4.01	-6.95
		96	15.2	3.80	-6.70	15.2	3.82	-6.71	15.2	3.87	-6.70	15.2	3.90	-6.69	15.2	3.94	-6.68	15.1	4.04	-6.66
		120	15.6	3.80	-6.41	15.6	3.83	-6.40	15.6	3.89	-6.40	15.6	3.92	-6.39	15.5	3.97	-6.38	15.5	4.07	-6.36
		150	15.8	3.80	-6.15	15.8	3.84	-6.15	15.8	3.90	-6.14	15.8	3.94	-6.13	15.8	3.99	-6.13	15.7	4.10	-6.11
	0	80	16.9	3.87	-2.33	16.9	3.93	-2.32	16.8	4.01	-2.29	16.8	4.05	-2.28	16.7	4.11	-2.26	16.6	4.23	-2.22
		96	17.2	3.88	-1.99	17.2	3.95	-1.97	17.1	4.03	-1.95	17.1	4.08	-1.94	17.0	4.14	-1.93	16.9	4.26	-1.89
		120	17.6	3.90	-1.63	17.5	3.97	-1.62	17.5	4.06	-1.60	17.4	4.11	-1.59	17.4	4.17	-1.58	17.3	4.30	-1.55
		150	17.9	3.92	-1.33	17.8	3.99	-1.32	17.7	4.08	-1.30	17.7	4.14	-1.30	17.6	4.20	-1.28	17.5	4.33	-1.26
	5	80	18.9	4.01	2.33	18.8	4.10	2.36	18.7	4.20	2.40	18.7	4.26	2.42	18.6	4.33	2.44	18.5	4.47	2.49
		96	19.3	4.04	2.73	19.2	4.13	2.75	19.1	4.24	2.78	19.0	4.30	2.80	19.0	4.36	2.82	18.8	4.50	2.87
		120	19.7	4.07	3.14	19.6	4.16	3.16	19.5	4.27	3.19	19.4	4.34	3.20	19.3	4.40	3.22	19.2	4.54	3.25
		150	20.0	4.09	3.48	19.9	4.19	3.50	19.8	4.30	3.52	19.7	4.36	3.54	19.6	4.43	3.55	19.5	4.58	3.58
	10	80	21.0	4.20	6.98	20.9	4.30	7.02	20.8	4.42	7.07	20.7	4.49	7.10	20.6	4.56	7.12	19.6	4.28	7.25
		96	21.4	4.23	7.44	21.3	4.34	7.47	21.1	4.46	7.51	21.1	4.53	7.53	21.0	4.60	7.55	19.6	4.16	7.69
		120	21.8	4.27	7.90	21.7	4.38	7.93	21.6	4.50	7.96	21.5	4.57	7.98	21.1	4.46	8.02	19.6	4.03	8.14
		150	22.2	4.29	8.29	22.0	4.41	8.32	21.9	4.53	8.34	21.8	4.57	8.36	21.1	4.35	8.40	19.6	3.93	8.50
	15	80	23.2	4.40	11.6	23.1	4.52	11.7	22.5	4.44	11.8	21.8	4.24	11.9	21.1	4.04	12.0	19.6	3.66	12.1
		96	23.6	4.44	12.1	23.5	4.55	12.2	22.5	4.32	12.3	21.8	4.12	12.4	21.1	3.93	12.4	19.6	3.57	12.6
		120	24.1	4.48	12.7	23.9	4.57	12.7	22.5	4.18	12.8	21.8	3.99	12.9	21.1	3.81	12.9	19.6	3.46	13.1
		150	24.5	4.51	13.1	23.9	4.46	13.1	22.5	4.08	13.2	21.8	3.90	13.3	21.1	3.72	13.3	19.6	3.38	13.5
	20	80	25.4	4.52	16.3	23.9	4.16	16.5	22.5	3.81	16.7	21.8	3.65	16.8	21.1	3.48	16.9	19.6	3.17	17.1
		96	25.4	4.40	16.9	23.9	4.05	17.0	22.5	3.71	17.2	21.8	3.55	17.3	21.1	3.39	17.4	19.6	3.08	17.5
		120	25.4	4.26	17.5	23.9	3.92	17.6	22.5	3.60	17.7	21.8	3.44	17.8	21.1	3.29	17.9	19.6	2.99	18.0
		150	25.4	4.16	18.0	23.9	3.83	18.1	22.5	3.52	18.2	21.8	3.36	18.2	21.1	3.22	18.3	19.6	2.93	18.4
	25	80	25.4	3.90	21.1	23.9	3.59	21.4	22.5	3.30	21.6	21.8	3.16	21.7	21.1	3.03	21.8	19.6	2.76	22.0
		96	25.4	3.79	21.8	23.9	3.50	21.9	22.5	3.22	22.1	21.8	3.08	22.2	21.1	2.95	22.3	19.6	2.69	22.5
		120	25.4	3.67	22.4	23.9	3.39	22.5	22.5	3.12	22.7	21.8	2.99	22.8	21.1	2.86	22.8	19.6	2.62	23.0
		150	25.4	3.59	22.9	23.9	3.32	23.0	22.5	3.05	23.1	21.8	2.93	23.2	21.1	2.80	23.3	19.6	2.56	23.4
	30	80	25.4	3.39	26.1	23.9	3.13	26.3	22.5	2.89	26.5	21.8	2.77	26.6	21.1	2.65	26.7	19.6	2.43	26.9
		96	25.4	3.30	26.7	23.9	3.05	26.9	22.5	2.81	27.1	21.8	2.70	27.2	21.1	2.59	27.2	19.6	2.37	27.4
		120	25.4	3.20	27.3	23.9	2.96	27.5	22.5	2.73	27.6	21.8	2.62	27.7	21.1	2.51	27.8	19.6	2.30	27.9
		150	25.4	3.13	27.9	23.9	2.90	28.0	22.5	2.67	28.1	21.8	2.57	28.2	21.1	2.46	28.2	19.6	2.26	28.3
	35	80	25.4	2.96	31.0	23.9	2.75	31.2	22.5	2.54	31.4	21.8	2.44	31.5	21.1	2.34	31.6	19.6	2.15	31.9
		96	25.4	2.89	31.6	23.9	2.68	31.8	22.5	2.48	32.0	21.8	2.38	32.1	21.1	2.28	32.2	19.6	2.10	32.4
		120	25.4	2.80	32.3	23.9	2.60	32.5	22.5	2.41	32.6	21.8	2.32	32.7	21.1	2.22	32.8	19.6	2.05	32.9
		150	25.4	2.74	32.8	23.9	2.55	33.0	22.5	2.36	33.1	21.8	2.27	33.1	21.1	2.18	33.2	19.6	2.01	33.3
	40	80	25.4	2.61	35.9	23.9	2.43	36.1	22.5	2.25	36.4	21.8	2.17	36.5	21.1	2.08	36.6	19.6	1.92	36.8
		96	25.4	2.55	36.6	23.9	2.37	36.8	22.5	2.20	37.0	21.8	2.12	37.1	21.1	2.03	37.2	19.6	1.88	37.4
		120	25.4	2.48	37.3	23.9	2.30	37.4	22.5	2.14	37.6	21.8	2.06	37.6	21.1	1.98	37.7	19.6	1.83	37.9
		150	25.4	2.43	37.8	23.9	2.26	37.9	22.5	2.10	38.1	21.8	2.02	38.1	21.1	1.94	38.2	19.6	1.79	38.3
	45	80	25.4	2.32	40.9	23.9	2.16	41.1	22.5	2.01	41.3	21.8	1.94	41.4	21.1	1.86	41.6	19.6	1.72	41.8
		96	25.4	2.26	41.5	23.9	2.11	41.7	22.5	1.96	41.9	21.8	1.89	42.0	21.1	1.82	42.1	19.6	1.69	42.3
		120	25.4	2.20	42.2	23.9	2.05	42.4	22.5	1.91	42.5	21.8	1.84	42.6	21.1	1.78	42.7	19.6	1.64	42.9
		150	25.4	2.16	42.8	23.9	2.01	42.9	22.5	1.88	43.0	21.8	1.81	43.1	21.1	1.74	43.2	19.6	1.62	43.3

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

1 Capacity tables with 30% glycol
Leistungstabellen mit 30 % Glykol
Πίνακες αποδόσεων με 30% γλυκόλη
Tablas de capacidad con un 30% de glicol
Tableaux de puissance (glycol 30 %)
Tabelle delle capacitü (30% glicole)
Capaciteitstabellen met 30% glycol
РЯнбкет брпдьуещн ме 30% глхкьлз
%30 glikollu kapasite tabloları

4 Capacity tables

4 - 4 Heating capacity tables with brine (30%)

RWEYQ8PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
80	-10	80																		
		96																		
		120																		
		150																		
	-5	80	14.9	3.85	-6.99	14.9	3.91	-6.97	14.9	3.99	-6.95	14.9	4.03	-6.94	14.8	4.09	-6.92	14.7	4.21	-6.89
		96	15.2	3.86	-6.70	15.2	3.93	-6.69	15.2	4.01	-6.67	15.1	4.06	-6.65	15.1	4.12	-6.64	15.0	4.24	-6.61
		120	15.6	3.88	-6.40	15.5	3.95	-6.38	15.5	4.04	-6.37	15.4	4.09	-6.36	15.4	4.15	-6.34	15.3	4.28	-6.32
		150	15.8	3.90	-6.14	15.8	3.97	-6.13	15.7	4.06	-6.11	15.7	4.12	-6.10	15.6	4.18	-6.09	15.5	4.31	-6.07
	0	80	16.8	4.00	-2.29	16.7	4.09	-2.27	16.7	4.20	-2.23	16.6	4.25	-2.21	16.6	4.32	-2.19	16.4	4.46	-2.14
		96	17.1	4.03	-1.95	17.0	4.12	-1.93	17.0	4.23	-1.90	16.9	4.29	-1.88	16.8	4.35	-1.87	16.7	4.49	-1.82
		120	17.5	4.06	-1.60	17.4	4.15	-1.58	17.3	4.26	-1.56	17.2	4.33	-1.54	17.2	4.39	-1.53	17.0	4.53	-1.49
		150	17.7	4.08	-1.31	17.7	4.18	-1.29	17.6	4.29	-1.27	17.5	4.35	-1.26	17.4	4.42	-1.24	17.3	4.56	-1.22
	5	80	18.7	4.20	2.39	18.6	4.31	2.43	18.5	4.43	2.47	18.5	4.49	2.50	18.4	4.56	2.52	17.4	4.26	2.64
		96	19.1	4.23	2.78	19.0	4.34	2.82	18.8	4.46	2.85	18.8	4.53	2.87	18.7	4.58	2.89	17.4	4.14	3.02
		120	19.5	4.27	3.18	19.4	4.38	3.21	19.2	4.50	3.24	19.1	4.57	3.26	18.7	4.43	3.29	17.4	4.01	3.40
		150	19.8	4.30	3.52	19.6	4.41	3.55	19.5	4.53	3.57	19.4	4.54	3.58	18.7	4.33	3.63	17.4	3.91	3.71
	10	80	20.8	4.42	7.07	20.6	4.54	7.11	20.0	4.40	7.21	19.4	4.20	7.28	18.7	4.01	7.36	17.4	3.63	7.53
		96	21.1	4.45	7.51	21.0	4.57	7.55	20.0	4.28	7.65	19.4	4.08	7.72	18.7	3.90	7.79	17.4	3.53	7.93
		120	21.6	4.49	7.96	21.3	4.53	8.00	20.0	4.14	8.11	19.4	3.96	8.16	18.7	3.78	8.22	17.4	3.43	8.33
		150	21.9	4.52	8.34	21.3	4.42	8.39	20.0	4.04	8.48	19.4	3.86	8.52	18.7	3.69	8.56	17.4	3.35	8.65
	15	80	22.6	4.46	11.8	21.3	4.11	11.9	20.0	3.76	12.1	19.4	3.60	12.2	18.7	3.44	12.3	17.4	3.13	12.4
		96	22.6	4.34	12.3	21.3	3.99	12.4	20.0	3.66	12.6	19.4	3.50	12.6	18.7	3.35	12.7	17.4	3.05	12.9
		120	22.6	4.20	12.8	21.3	3.87	12.9	20.0	3.55	13.0	19.4	3.40	13.1	18.7	3.25	13.2	17.4	2.96	13.3
		150	22.6	4.10	13.2	21.3	3.78	13.3	20.0	3.47	13.4	19.4	3.32	13.5	18.7	3.18	13.5	17.4	2.89	13.6
	20	80	22.6	3.83	16.6	21.3	3.53	16.8	20.0	3.25	17.0	19.4	3.11	17.1	18.7	2.98	17.2	17.4	2.72	17.4
		96	22.6	3.73	17.2	21.3	3.44	17.3	20.0	3.17	17.5	19.4	3.03	17.6	18.7	2.90	17.6	17.4	2.65	17.8
		120	22.6	3.61	17.7	21.3	3.34	17.9	20.0	3.07	18.0	19.4	2.94	18.0	18.7	2.82	18.1	17.4	2.58	18.2
		150	22.6	3.53	18.2	21.3	3.26	18.3	20.0	3.00	18.4	19.4	2.88	18.4	18.7	2.76	18.5	17.4	2.52	18.6
	25	80	22.6	3.32	21.6	21.3	3.07	21.7	20.0	2.83	21.9	19.4	2.72	22.0	18.7	2.60	22.1	17.4	2.38	22.3
		96	22.6	3.23	22.1	21.3	2.99	22.3	20.0	2.76	22.4	19.4	2.65	22.5	18.7	2.54	22.6	17.4	2.33	22.7
		120	22.6	3.13	22.7	21.3	2.90	22.8	20.0	2.68	22.9	19.4	2.57	23.0	18.7	2.47	23.1	17.4	2.26	23.2
		150	22.6	3.07	23.1	21.3	2.84	23.2	20.0	2.62	23.3	19.4	2.52	23.4	18.7	2.42	23.4	17.4	2.22	23.5
	30	80	22.6	2.90	26.5	21.3	2.69	26.7	20.0	2.49	26.9	19.4	2.39	27.0	18.7	2.29	27.1	17.4	2.11	27.3
		96	22.6	2.82	27.1	21.3	2.62	27.2	20.0	2.43	27.4	19.4	2.33	27.5	18.7	2.24	27.5	17.4	2.06	27.7
		120	22.6	2.74	27.6	21.3	2.55	27.8	20.0	2.36	27.9	19.4	2.27	28.0	18.7	2.18	28.0	17.4	2.01	28.2
		150	22.6	2.68	28.1	21.3	2.49	28.2	20.0	2.31	28.3	19.4	2.22	28.4	18.7	2.14	28.4	17.4	1.97	28.5
	35	80	22.6	2.55	31.4	21.3	2.37	31.6	20.0	2.20	31.8	19.4	2.12	31.9	18.7	2.04	32.0	17.4	1.88	32.2
		96	22.6	2.49	32.0	21.3	2.32	32.2	20.0	2.15	32.3	19.4	2.07	32.4	18.7	1.99	32.5	17.4	1.84	32.7
		120	22.6	2.42	32.6	21.3	2.25	32.7	20.0	2.09	32.9	19.4	2.02	32.9	18.7	1.94	33.0	17.4	1.79	33.1
		150	22.6	2.37	33.1	21.3	2.21	33.2	20.0	2.05	33.3	19.4	1.98	33.3	18.7	1.90	33.4	17.4	1.76	33.5
	40	80	22.6	2.26	36.4	21.3	2.11	36.6	20.0	1.96	36.8	19.4	1.89	36.9	18.7	1.82	37.0	17.4	1.69	37.2
		96	22.6	2.21	37.0	21.3	2.06	37.1	20.0	1.92	37.3	19.4	1.85	37.4	18.7	1.78	37.5	17.4	1.65	37.6
		120	22.6	2.15	37.6	21.3	2.01	37.7	20.0	1.87	37.8	19.4	1.80	37.9	18.7	1.74	38.0	17.4	1.61	38.1
		150	22.6	2.11	38.0	21.3	1.97	38.2	20.0	1.83	38.3	19.4	1.77	38.3	18.7	1.71	38.4	17.4	1.58	38.5
	45	80	22.6	2.02	41.3	21.3	1.89	41.5	20.0	1.76	41.7	19.4	1.70	41.8	18.7	1.64	41.9	17.4	1.52	42.2
		96	22.6	1.97	41.9	21.3	1.84	42.1	20.0	1.72	42.3	19.4	1.66	42.4	18.7	1.60	42.4	17.4	1.49	42.6
		120	22.6	1.92	42.5	21.3	1.80	42.7	20.0	1.68	42.8	19.4	1.62	42.9	18.7	1.57	43.0	17.4	1.46	43.1
		150	22.6	1.88	43.0	21.3	1.76	43.1	20.0	1.65	43.2	19.4	1.59	43.3	18.7	1.54	43.4	17.4	1.43	43.5
70	-10	80																		
		96																		
		120																		
		150																		
	-5	80	14.9	4.00	-6.95	14.8	4.10	-6.92	14.7	4.20	-6.89	14.7	4.26	-6.87	14.6	4.33	-6.85	14.5	4.47	-6.80
		96	15.2	4.03	-6.66	15.1	4.12	-6.64	15.0	4.23	-6.61	15.0	4.30	-6.59	14.9	4.36	-6.57	14.8	4.50	-6.53
		120	15.5	4.06	-6.36	15.4	4.16	-6.34	15.3	4.27	-6.32	15.3	4.33	-6.30	15.2	4.40	-6.29	15.1	4.54	-6.26
		150	15.7	4.09	-6.11	15.6	4.19	-6.09	15.5	4.30	-6.07	15.5	4.36	-6.06	15.4	4.43	-6.05	15.3	4.52	-6.03
	0	80	16.6	4.22	-2.23	16.5	4.33	-2.19	16.4	4.45	-2.15	16.4	4.51	-2.12	16.3	4.58	-2.10	15.3	4.15	-1.99
		96	16.9	4.25	-1.89	16.8	4.36	-1.86	16.7	4.49	-1.83	16.7	4.55	-1.81	16.4	4.47	-1.78	15.3	4.04	-1.67
		120	17.3	4.29	-1.55	17.2	4.40	-1.53	17.0	4.53	-1.50	16.9	4.54	-1.48	16.4	4.32	-1.44	15.3	3.91	-1.35
		150	17.5	4.32	-1.26	17.4	4.43	-1.24	17.3	4.56	-1.22	16.9	4.43	-1.20	16.4	4.22	-1.16	15.3	3.82	-1.09
	5	80	18.5	4.45	2.48	18.4	4.57	2.53	17.5	4.28	2.63	16.9	4.09	2.70	16.4	3.90	2.76	15.3	3.53	2.90
		96	18.8	4.49	2.86	18.6	4.55	2.90	17.5	4.16	3.01	16.9	3.97	3.06	16.4	3.79	3.12	15.3	3.44	3.24
		120	19.2	4.53	3.25	18.6	4.40	3.30	17.5	4.03	3.39	16.9	3.85	3.44	16.4	3.67	3.48	15.3	3.34	3.58
		150	19.5	4.56	3.58	18.6	4.30	3.63	17.5	3.94	3.70	16.9	3.76	3.74	16.4	3.59	3.78	15.3	3.26	3.85
	10	80	19.8	4.32	7.24	18.6	3.98	7.38	17.5	3.65	7.52	16.9	3.49	7.59	16.4	3.34	7.66	15.3	3.04	7.81
		96	19.8	4.20	7.68	18.6	3.87	7.80	17.5	3.55	7.92	16.9	3.40	7.98	16.4	3.25	8.04	15.3	2.96	8.16
		120	19.8	4.07	8.13	18.6	3.75	8.22	17.5	3.44	8.32	16.9	3.30	8.37	16.4	3.15	8.42	15.3	2.87	8.52
		150	19.8	3.97	8.49	18.6	3.66	8.57	17.5	3.37	8.65	16.9	3.22	8.69	16.4	3.08	8.73	15.3	2.81	8.81
	15	80	19.8	3.70	12.1	18.6	3.42	12.3	17.5	3.14	12.4	16.9	3.01	12.5	16.4	2.88	12.6	15.3	2.63	12.7
		96	19.8	3.60	12.6	18.6	3.33	12.7	17.5	3.06	12.8	16.9	2.93	12.9	16.4	2.81	13.0	15.3	2.57	13.1
		120	19.8	3.49	13.1	18.6	3.23	13.2	17.5	2.97	13.3	16.9	2.85	13.3	16.4	2.73	13.4	15.3	2.50	13.5
		150	19.8	3.41	13.4	18.6	3.15	13.5	17.5	2.91	13.6	16.9	2.79	13.6	16.4	2.67	13.7	15.3	2.45	13.8
	20	80	19.8	3.20	17.0	18.6	2.96	17.2	17.5	2.73	17.4	16.9	2.62	17.4	16.4	2.51	17.5	15.3	2.31	17.7
		96	19.8	3.11	17.5	18.6	2.88	17.7	17.5	2.66	17.8	16.9	2.56	17.9	16.4	2.45	17.9	15.3	2.25	18.1
		120	19.8	3.02	18.0	18.6	2.80	18.1	17.5	2.59	18.2	16.9	2.49	18.3	16.4	2.39	18.3	15.3	2.19	18.4
		150	19.8	2.96	18.4	18.6	2.74	18.5	17.5	2.54	18.6	16.9	2.44	18.6	16.4	2.34	18.7	15.3	2.15	18.7
	25	80	19.8	2.79	22.0	18.6	2.59	22.1	17.5	2.40	22.3	16.9	2.30	22.4	16.4	2.21	22.5	15.3	2.04	22.6
		96	19.8	2.72	22.5	18.6	2.52	22.6	17.5	2.34	22.7	16.9	2.25	22.8	16.4	2.16	22.9	15.3	1.99	23.0
		120	19.8	2.64	23.0	18.6	2.45	23.1	17.5	2.28	23.2	16.9	2.19	23.2	16.4	2.10	23.3	15.3	1.94	23.4
		150	19.8	2.58	23.4	18.6	2.40	23.5	17.5	2.23	23.5	16.9	2.15	23.6	16.4	2.06	23.6	15.3	1.90	23.7
	30	80	19.8	2.45	26.9	18.6	2.28	27.1	17.5	2.12	27.2	16.9	2.04	27.3	16.4	1.96	27.4	15.3	1.81	27.6
		96	19.8	2.39	27.4	18.6	2.23	27.6	17.5	2.07	27.7	16.9	1.99	27.8	16.4	1.92	27.8	15.3	1.77	28.0
		120	19.8	2.32	27.9	18.6	2.17	28.0	17.5	2.02	28.2	16.9	1.94	28.2	16.4	1.87	28.3	15.3	1.73	28.4
		150	19.8	2.28	28.3	18.6	2.12	28.4	17.5	1.98	28.5	16.9	1.91	28.6	16.4	1.84	28.6	15.3	1.70	28.7
	35	80	19.8	2.17	31.9	18.6	2.03	32.0	17.5	1.89	32.2	16.9	1.82	32.3	16.4	1.75	32.4	15.3	1.63	32.6
		96	19.8	2.12	32.4	18.6	1.98	32.5	17.5	1.85	32.7	16.9	1.78	32.7	16.4	1.72	32.8	15.3	1.59	33.0
		120	19.8	2.06	32.9	18.6	1.93	33.0	17.5	1.80	33.1	16.9	1.74	33.2	16.4	1.67	33.2	15.3	1.56	33.4
		150	19.8	2.02	33.3	18.6	1.89	33.4	17.5	1.77	33.5	16.9	1.71	33.5	16.4	1.65	33.6	15.3	1.53	33.7
	40	80	3.14	3.86	-9.87	3.50	3.43	-10.01	3.83	3.05	-10.14	3.98	2.88	-10.20	4.12	2.72	-10.25	4.36	2.44	-10.34
		96	4.04	3.50	-10.08	4.35	3.15	-10.18	4.62	2.84	-10.27	4.74	2.71	-10.30	4.85	2.58	-10.34	5.04	2.37	-10.40
		120	4.92	3.27	-10.20	5.17	2.99	-10.26	5.39	2.75	-10.32	5.49	2.65	-10.34	5.57	2.55	-10.36	5.73	2.40	-10.40
		150	5.41	3.26	-10.21	5.63	3.01	-10.25	5.82	2.80	-10.29	5.91	2.71	-10.31	5.98	2.63	-10.32	6.11	2.50	-10.34
	45	80	14.7	4.26	-6.87	14.6	4.37	-6.83	14.5	4.50	-6.79	14.4	4.57	-6.77	14.0	4.37	-6.73	13.1	3.95	-6.63
		96	15.0	4.30	-6.59	14.9	4.41	-6.56	14.8	4.54	-6.53	14.5	4.46	-6.50	14.0	4.25	-6.46	13.1	3.84	-6.38
		120	15.3	4.34	-6.30	15.2	4.45	-6.28	15.0	4.52	-6.25	14.5	4.31	-6.22	14.0	4.11	-6.19	13.1	3.72	-6.12
		150	15.5	4.36	-6.06	15.4	4.48	-6.04	15.0	4.41	-6.01	14.5	4.21	-5.98	14.0	4.02	-5.96	13.1	3.64	-5.90

CA08A579A

4 Capacity tables

4 - 4 Heating capacity tables with brine (30%)

RWEYQ8PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
60	-10	80																		
		96																		
		120																		
		150																		
	-5	80	16.9	4.08	2.70	16.0	3.76	2.81	15.0	3.46	2.93	14.5	3.31	2.99	14.0	3.16	3.05	13.1	2.88	3.17
		96	16.9	3.97	3.07	16.0	3.66	3.16	15.0	3.36	3.26	14.5	3.22	3.31	14.0	3.08	3.36	13.1	2.81	3.47
		120	16.9	3.85	3.4	16.0	3.55	3.5	15.0	3.26	3.6	14.5	3.12	3.6	14.0	2.99	3.7	13.1	2.73	3.8
		150	16.9	3.76	3.7	16.0	3.47	3.8	15.0	3.19	3.9	14.5	3.06	3.9	14.0	2.92	3.9	13.1	2.67	4.0
	0	80	16.9	3.49	7.59	16.0	3.23	7.72	15.0	2.97	7.85	14.5	2.85	7.91	14.0	2.73	7.97	13.1	2.50	8.11
		96	16.9	3.40	7.98	16.0	3.14	8.09	15.0	2.90	8.19	14.5	2.78	8.25	14.0	2.66	8.30	13.1	2.44	8.41
		120	16.9	3.29	8.37	16.0	3.05	8.46	15.0	2.81	8.54	14.5	2.70	8.59	14.0	2.59	8.63	13.1	2.37	8.72
		150	16.9	3.22	8.69	16.0	2.98	8.76	15.0	2.75	8.83	14.5	2.64	8.87	14.0	2.53	8.90	13.1	2.32	8.97
	5	80	16.9	3.01	12.5	16.0	2.79	12.6	15.0	2.58	12.8	14.5	2.48	12.8	14.0	2.38	12.9	13.1	2.18	13.1
		96	16.9	2.93	12.9	16.0	2.72	13.0	15.0	2.52	13.1	14.5	2.42	13.2	14.0	2.32	13.3	13.1	2.13	13.4
		120	16.9	2.85	13.3	16.0	2.64	13.4	15.0	2.45	13.5	14.5	2.35	13.5	14.0	2.26	13.6	13.1	2.08	13.7
		150	16.9	2.79	13.6	16.0	2.59	13.7	15.0	2.40	13.8	14.5	2.30	13.8	14.0	2.21	13.9	13.1	2.04	13.9
	10	80	16.9	2.62	17.4	16.0	2.44	17.6	15.0	2.26	17.7	14.5	2.18	17.8	14.0	2.09	17.9	13.1	1.93	18.0
		96	16.9	2.56	17.9	16.0	2.38	18.0	15.0	2.21	18.1	14.5	2.12	18.2	14.0	2.04	18.2	13.1	1.89	18.3
		120	16.9	2.48	18.3	16.0	2.31	18.4	15.0	2.15	18.5	14.5	2.07	18.5	14.0	1.99	18.6	13.1	1.84	18.7
		150	16.9	2.43	18.6	16.0	2.27	18.7	15.0	2.11	18.8	14.5	2.03	18.8	14.0	1.95	18.8	13.1	1.80	18.9
	15	80	16.9	2.30	22.4	16.0	2.15	22.5	15.0	2.00	22.7	14.5	1.93	22.7	14.0	1.85	22.8	13.1	1.72	23.0
		96	16.9	2.25	22.8	16.0	2.10	22.9	15.0	1.95	23.1	14.5	1.88	23.1	14.0	1.81	23.2	13.1	1.68	23.3
		120	16.9	2.19	23.2	16.0	2.04	23.3	15.0	1.90	23.4	14.5	1.84	23.5	14.0	1.77	23.5	13.1	1.64	23.6
		150	16.9	2.14	23.6	16.0	2.00	23.7	15.0	1.87	23.7	14.5	1.80	23.8	14.0	1.74	23.8	13.1	1.61	23.9
	20	80	16.9	2.04	27.3	16.0	1.91	27.5	15.0	1.78	27.6	14.5	1.72	27.7	14.0	1.66	27.8	13.1	1.54	27.9
		96	16.9	1.99	27.8	16.0	1.86	27.9	15.0	1.74	28.0	14.5	1.68	28.1	14.0	1.62	28.1	13.1	1.51	28.3
		120	16.9	1.94	28.2	16.0	1.82	28.3	15.0	1.70	28.4	14.5	1.64	28.5	14.0	1.59	28.5	13.1	1.48	28.6
		150	16.9	1.90	28.6	16.0	1.78	28.6	15.0	1.67	28.7	14.5	1.61	28.8	14.0	1.56	28.8	13.1	1.45	28.9
	25	80	16.9	1.82	32.3	16.0	1.71	32.4	15.0	1.60	32.6	14.5	1.55	32.7	14.0	1.49	32.8	13.1	1.39	32.9
		96	16.9	1.78	32.7	16.0	1.67	32.9	15.0	1.57	33.0	14.5	1.51	33.1	14.0	1.46	33.1	13.1	1.37	33.3
		120	16.9	1.74	33.2	16.0	1.63	33.3	15.0	1.53	33.4	14.5	1.48	33.4	14.0	1.43	33.5	13.1	1.34	33.6
		150	16.9	1.70	33.5	16.0	1.60	33.6	15.0	1.50	33.7	14.5	1.45	33.8	14.0	1.41	33.8	13.1	1.32	33.9
	30	80	16.9	1.63	37.3	16.0	1.54	37.4	15.0	1.44	37.6	14.5	1.40	37.7	14.0	1.35	37.7	13.1	1.27	37.9
		96	16.9	1.60	37.7	16.0	1.51	37.8	15.0	1.42	38.0	14.5	1.37	38.0	14.0	1.33	38.1	13.1	1.24	38.2
		120	16.9	1.56	38.2	16.0	1.47	38.3	15.0	1.38	38.4	14.5	1.34	38.4	14.0	1.30	38.5	13.1	1.22	38.6
		150	16.9	1.54	38.5	16.0	1.45	38.6	15.0	1.36	38.7	14.5	1.32	38.7	14.0	1.28	38.8	13.1	1.20	38.9
	35	80	16.9	1.48	42.2	16.0	1.39	42.4	15.0	1.31	42.5	14.5	1.27	42.6	14.0	1.23	42.7	13.1	1.16	42.9
		96	16.9	1.45	42.7	16.0	1.37	42.8	15.0	1.29	43.0	14.5	1.25	43.0	14.0	1.21	43.1	13.1	1.14	43.2
		120	16.9	1.42	43.1	16.0	1.34	43.3	15.0	1.26	43.4	14.5	1.22	43.4	14.0	1.19	43.5	13.1	1.12	43.6
		150	16.9	1.39	43.5	16.0	1.32	43.6	15.0	1.24	43.7	14.5	1.21	43.7	14.0	1.17	43.8	13.1	1.10	43.9
	40	80	4.10	2.74	-10.24	4.31	2.50	-10.32	4.49	2.30	-10.39	4.57	2.22	-10.42	4.64	2.14	-10.45	4.77	2.01	-10.49
		96	4.83	2.60	-10.33	5.00	2.42	-10.39	5.14	2.27	-10.43	5.21	2.21	-10.45	5.26	2.15	-10.46	5.35	2.07	-10.49
		120	5.56	2.57	-10.36	5.69	2.43	-10.39	5.80	2.33	-10.41	5.84	2.29	-10.42	5.88	2.26	-10.43	5.95	2.22	-10.45
		150	5.97	2.64	-10.32	6.08	2.53	-10.34	6.17	2.45	-10.36	6.21	2.42	-10.36	6.24	2.40	-10.37	6.28	2.38	-10.37
	45	80	14.1	4.40	-6.74	13.3	4.05	-6.66	12.5	3.71	-6.57	12.1	3.55	-6.53	11.7	3.39	-6.49	10.9	3.09	-6.40
		96	14.1	4.28	-6.47	13.3	3.94	-6.40	12.5	3.61	-6.33	12.1	3.46	-6.29	11.7	3.30	-6.25	10.9	3.01	-6.18
		120	14.1	4.14	-6.19	13.3	3.81	-6.13	12.5	3.50	-6.07	12.1	3.35	-6.04	11.7	3.20	-6.01	10.9	2.92	-5.95
		150	14.1	4.04	-5.96	13.3	3.73	-5.92	12.5	3.42	-5.87	12.1	3.28	-5.84	11.7	3.13	-5.82	10.9	2.85	-5.77
50	-10	80																		
		96																		
		120																		
		150																		
	-5	80	14.1	3.18	3.04	13.3	2.95	3.14	12.5	2.72	3.25	12.1	2.61	3.30	11.7	2.51	3.35	10.9	2.30	3.46
		96	14.1	3.10	3.36	13.3	2.87	3.44	12.5	2.65	3.53	12.1	2.55	3.57	11.7	2.44	3.62	10.9	2.24	3.71
		120	14.1	3.01	3.67	13.3	2.79	3.74	12.5	2.58	3.82	12.1	2.48	3.85	11.7	2.38	3.89	10.9	2.18	3.96
		150	14.1	2.94	3.93	13.3	2.73	3.99	12.5	2.53	4.05	12.1	2.43	4.08	11.7	2.33	4.10	10.9	2.14	4.16
	0	80	14.1	2.75	7.96	13.3	2.55	8.07	12.5	2.36	8.18	12.1	2.27	8.24	11.7	2.18	8.30	10.9	2.01	8.41
		96	14.1	2.68	8.29	13.3	2.49	8.39	12.5	2.31	8.48	12.1	2.22	8.53	11.7	2.13	8.57	10.9	1.97	8.67
		120	14.1	2.60	8.63	13.3	2.42	8.70	12.5	2.25	8.78	12.1	2.16	8.81	11.7	2.08	8.85	10.9	1.92	8.93
		150	14.1	2.55	8.90	13.3	2.37	8.96	12.5	2.20	9.02	12.1	2.12	9.05	11.7	2.04	9.08	10.9	1.88	9.14
	5	80	14.1	2.39	12.9	13.3	2.23	13.0	12.5	2.07	13.1	12.1	2.00	13.2	11.7	1.92	13.2	10.9	1.78	13.4
		96	14.1	2.34	13.2	13.3	2.18	13.3	12.5	2.03	13.4	12.1	1.95	13.5	11.7	1.88	13.5	10.9	1.74	13.6
		120	14.1	2.27	13.6	13.3	2.12	13.7	12.5	1.97	13.7	12.1	1.90	13.8	11.7	1.83	13.8	10.9	1.70	13.9
		150	14.1	2.23	13.9	13.3	2.08	13.9	12.5	1.94	14.0	12.1	1.87	14.0	11.7	1.80	14.1	10.9	1.67	14.1
	10	80	14.1	2.10	17.9	13.3	1.97	18.0	12.5	1.83	18.1	12.1	1.77	18.2	11.7	1.71	18.2	10.9	1.59	18.3
		96	14.1	2.05	18.2	13.3	1.92	18.3	12.5	1.79	18.4	12.1	1.73	18.5	11.7	1.67	18.5	10.9	1.55	18.6
		120	14.1	2.00	18.6	13.3	1.87	18.6	12.5	1.75	18.7	12.1	1.69	18.8	11.7	1.63	18.8	10.9	1.52	18.9
		150	14.1	1.96	18.8	13.3	1.84	18.9	12.5	1.72	19.0	12.1	1.66	19.0	11.7	1.60	19.0	10.9	1.49	19.1
	15	80	14.1	1.87	22.8	13.3	1.75	22.9	12.5	1.64	23.1	12.1	1.58	23.1	11.7	1.53	23.2	10.9	1.43	23.3
		96	14.1	1.82	23.2	13.3	1.71	23.3	12.5	1.60	23.4	12.1	1.55	23.4	11.7	1.50	23.5	10.9	1.40	23.6
		120	14.1	1.78	23.5	13.3	1.67	23.6	12.5	1.57	23.7	12.1	1.52	23.7	11.7	1.47	23.8	10.9	1.37	23.9
		150	14.1	1.75	23.8	13.3	1.64	23.9	12.5	1.54	24.0	12.1	1.49	24.0	11.7	1.44	24.0	10.9	1.35	24.1
	20	80	14.1	1.67	27.8	13.3	1.57	27.9	12.5	1.47	28.0	12.1	1.43	28.1	11.7	1.38	28.2	10.9	1.29	28.3
		96	14.1	1.63	28.1	13.3	1.54	28.2	12.5	1.44	28.4	12.1	1.40	28.4	11.7	1.35	28.5	10.9	1.27	28.6
		120	14.1	1.59	28.5	13.3	1.50	28.6	12.5	1.41	28.7	12.1	1.37	28.7	11.7	1.33	28.8	10.9	1.24	28.8
		150	14.1	1.57	28.8	13.3	1.48	28.9	12.5	1.39	28.9	12.1	1.35	29.0	11.7	1.30	29.0	10.9	1.22	29.1
	25	80	14.1	1.50	32.7	13.3	1.42	32.9	12.5	1.33	33.0	12.1	1.29	33.1	11.7	1.25	33.1	10.9	1.18	33.3
		96	14.1	1.47	33.1	13.3	1.39	33.2	12.5	1.31	33.3	12.1	1.27	33.4	11.7	1.23	33.4	10.9	1.16	33.5
		120	14.1	1.44	33.5	13.3	1.36	33.6	12.5	1.28	33.7	12.1	1.24	33.7	11.7	1.21	33.7	10.9	1.13	33.8
		150	14.1	1.41	33.8	13.3	1.34	33.9	12.5	1.26	33.9	12.1	1.23	34.0	11.7	1.19	34.0	10.9	1.12	34.1
	30	80	14.1	1.36	37.7	13.3	1.29	37.8	12.5	1.22	38.0	12.1	1.18	38.0	11.7	1.15	38.1	10.9	1.08	38.2
		96	14.1	1.33	38.1	13.3	1.26	38.2	12.5	1.19	38.3	12.1	1.16	38.4	11.7	1.13	38.4	10.9	1.06	38.5
		120	14.1	1.31	38.5	13.3	1.24	38.6	12.5	1.17	38.6	12.1	1.14	38.7	11.7	1.11	38.7	10.9	1.04	38.8
		150	14.1	1.29	38.8	13.3	1.22	38.8	12.5	1.15	38.9	12.1	1.12	39.0	11.7	1.09	39.0	10.9	1.03	39.1
	35	80	14.1	1.24	42.7	13.3	1.18	42.8	12.5	1.12	43.0	12.1	1.09	43.0	11.7	1.06	43.1	10.9	1.00	43.2
		96	14.1	1.22	43.1	13.3	1.16	43.2	12.5	1.10	43.3	12.1	1.07	43.4	11.7	1.04	43.4	10.9	0.98	43.5
		120	14.1	1.19	43.5	13.3	1.13	43.5	12.5	1.08	43.6	12.1	1.05	43.7	11.7	1.02	43.7	10.9	0.96	43.8
		150	14.1	1.18	43.8	13.3	1.12	43.8	12.5	1.06	43.9	12.1	1.03	43.9	11.7	1.01	44.0	10.9	0.95	44.1
	40	80	14.1	1.38	37.7	13.3	1.30	37.9	12.5	1.23	38.0	12.1	1.20	38.0	11.7	1.16	38.1	10.9	1.09	38.2
		96	14.1	1.35	38.1	13.3	1.28	38.2	12.5	1.21	38.3	12.1	1.17	38.4	11.7	1.14	38.4	10.9	1.07	38.5
		120	14.1	1.31	38.5	13.3	1.24	38.6	12.5	1.18	38.6	12.1	1.14	38.7	11.7	1.11	38.7	10.9	1.05	38.8
		150	14.1	1.29	38.8	13.3	1.22	38.8	12.5	1.16	38.9	12.1	1.12	39.0	11.7	1.09	39.0	10.9	1.03	39.1
	45	80	14.1	1.25	42.7	13.3	1.19	42.8	12.5	1.13	43.0	12.1	1.10	43.0	11.7	1.07	43.1	10.9	1.01	43.2
		96	14.1	1.23	43.1	13.3	1.17	43.2	12.5	1.10	43.3	12.1	1.07	43.4	11.7	1.05	43.4	10.9	0.99	43.5
		120	14.1	1.20	43.5	13.3	1.14	43.5	12.5	1.08	43.6	12.1	1.05	43.7	11.7	1.02	43.7	10.9	0.97	43.8
		150	14.1	1.18	43.8	13.3	1.12	43.8	12.5	1.06	43.9	12.1	1.03	43.9	11.7	1.00	44.0	10.9	0.95	44.0

CA08A579A

4 Capacity tables

4 - 4 Heating capacity tables with brine (30%)

RWEYQ10PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
100	-10	80																		
		96																		
		120																		
		150																		
	-5	80	18.6	5.48	-7.35	18.7	5.42	-7.39	18.8	5.40	-7.40	18.9	5.42	-7.41	18.9	5.44	-7.40	18.9	5.52	-7.39
		96	19.1	5.44	-7.04	19.2	5.40	-7.06	19.3	5.40	-7.07	19.3	5.42	-7.07	19.3	5.45	-7.07	19.3	5.55	-7.05
		120	19.7	5.40	-6.70	19.8	5.38	-6.72	19.8	5.41	-6.72	19.8	5.43	-6.72	19.8	5.47	-6.71	19.8	5.58	-6.69
		150	20.1	5.39	-6.40	20.2	5.38	-6.41	20.2	5.42	-6.41	20.2	5.45	-6.41	20.2	5.49	-6.40	20.1	5.61	-6.39
	0	80	21.3	5.43	-2.84	21.3	5.46	-2.84	21.3	5.53	-2.83	21.3	5.57	-2.82	21.3	5.63	-2.80	21.2	5.77	-2.76
		96	21.8	5.42	-2.44	21.8	5.47	-2.44	21.8	5.55	-2.43	21.8	5.60	-2.42	21.7	5.66	-2.40	21.6	5.81	-2.36
		120	22.4	5.43	-2.03	22.4	5.49	-2.02	22.4	5.58	-2.00	22.3	5.64	-1.99	22.3	5.70	-1.98	22.2	5.86	-1.95
		150	22.8	5.44	-1.66	22.8	5.51	-1.65	22.8	5.61	-1.64	22.7	5.67	-1.63	22.7	5.74	-1.62	22.6	5.91	-1.59
	5	80	24.0	5.54	1.70	23.9	5.63	1.72	23.9	5.75	1.76	23.8	5.83	1.78	23.8	5.90	1.80	23.6	6.08	1.86
		96	24.5	5.57	2.17	24.5	5.66	2.19	24.4	5.79	2.22	24.3	5.87	2.24	24.3	5.95	2.27	24.1	6.13	2.32
		120	25.2	5.60	2.66	25.1	5.70	2.69	25.0	5.84	2.71	24.9	5.92	2.73	24.8	6.00	2.75	24.7	6.19	2.79
		150	25.6	5.62	3.09	25.5	5.74	3.11	25.4	5.88	3.13	25.4	5.96	3.15	25.3	6.05	3.16	25.1	6.24	3.20
	10	80	26.7	5.76	6.24	26.6	5.89	6.29	26.5	6.04	6.34	26.4	6.13	6.37	26.3	6.22	6.40	26.1	6.42	6.47
		96	27.3	5.80	6.79	27.2	5.93	6.83	27.0	6.09	6.87	27.0	6.18	6.90	26.9	6.27	6.93	26.6	6.48	6.99
		120	28.0	5.85	7.36	27.8	5.99	7.39	27.7	6.15	7.43	27.6	6.24	7.45	27.5	6.33	7.47	27.3	6.22	7.49
		150	28.5	5.89	7.84	28.3	6.03	7.87	28.2	6.20	7.90	28.1	6.29	7.92	28.0	6.38	7.94	27.5	6.01	7.95
	15	80	29.5	6.04	10.8	29.4	6.19	10.8	29.2	6.36	10.9	29.1	6.46	10.9	29.0	6.39	11.0	27.5	5.67	11.1
		96	30.2	6.08	11.4	30.0	6.24	11.5	29.8	6.42	11.5	29.7	6.50	11.5	29.5	6.14	11.5	27.5	5.44	11.7
		120	30.9	6.14	12.0	30.7	6.30	12.1	30.5	6.48	12.1	30.4	6.20	12.1	29.5	5.86	12.2	27.5	5.20	12.3
		150	31.4	6.19	12.6	31.2	6.35	12.6	31.0	6.34	12.6	30.5	6.00	12.7	29.5	5.67	12.7	27.5	5.03	12.9
	20	80	32.4	6.34	15.3	32.2	6.51	15.4	31.5	6.02	15.4	30.5	5.70	15.6	29.5	5.39	15.7	27.5	4.78	15.9
		96	33.1	6.39	16.0	32.9	6.42	16.0	31.5	6.20	16.2	30.5	5.47	16.3	29.5	5.17	16.4	27.5	4.59	16.6
		120	33.9	6.46	16.7	33.5	6.13	16.7	31.5	5.52	16.9	30.5	5.23	17.0	29.5	4.94	17.1	27.5	4.39	17.2
		150	34.5	6.51	17.3	33.5	5.93	17.4	31.5	5.34	17.5	30.5	5.06	17.6	29.5	4.78	17.6	27.5	4.25	17.8
	25	80	35.4	6.27	19.8	33.5	5.68	20.0	31.5	5.11	20.3	30.5	4.84	20.4	29.5	4.58	20.5	27.5	4.07	20.8
		96	35.5	6.02	20.6	33.5	5.45	20.8	31.5	4.91	21.0	30.5	4.65	21.1	29.5	4.40	21.3	27.5	3.92	21.5
		120	35.5	5.74	21.4	33.5	5.21	21.6	31.5	4.69	21.8	30.5	4.45	21.9	29.5	4.21	22.0	27.5	3.75	22.2
		150	35.5	5.56	22.1	33.5	5.04	22.3	31.5	4.54	22.4	30.5	4.31	22.5	29.5	4.07	22.6	27.5	3.63	22.7
	30	80	35.5	5.35	24.6	33.5	4.86	24.9	31.5	4.38	25.1	30.5	4.15	25.3	29.5	3.93	4.15	27.5	3.50	25.7
		96	35.5	5.14	25.5	33.5	4.66	25.7	31.5	4.21	25.9	30.5	3.99	26.0	29.5	3.78	3.99	27.5	3.37	26.4
		120	35.5	4.91	26.3	33.5	4.46	26.5	31.5	4.03	26.7	30.5	3.82	26.8	29.5	3.61	3.82	27.5	3.22	27.1
		150	35.5	4.75	27.1	33.5	4.32	27.2	31.5	3.90	27.4	30.5	3.70	27.4	29.5	3.50	3.70	27.5	3.12	27.7
	35	80	35.5	4.61	29.5	33.5	4.19	29.7	31.5	3.78	30.0	30.5	3.59	30.2	29.5	3.40	3.59	27.5	3.04	30.6
		96	35.5	4.43	30.4	33.5	4.02	30.6	31.5	3.64	30.8	30.5	3.45	31.0	29.5	3.27	3.45	27.5	2.92	31.3
		120	35.5	4.24	31.3	33.5	3.85	31.5	31.5	3.48	31.7	30.5	3.30	31.8	29.5	3.13	3.30	27.5	2.80	32.1
		150	35.5	4.10	32.0	33.5	3.73	32.2	31.5	3.37	32.3	30.5	3.20	32.4	29.5	3.03	3.20	27.5	2.71	32.6
	40	80	35.5	4.00	34.3	33.5	3.64	34.6	31.5	3.29	34.9	30.5	3.13	35.1	29.5	2.96	3.13	27.5	2.65	35.6
		96	35.5	5.14	35.5	33.5	4.66	35.7	31.5	4.21	35.9	30.5	3.99	36.0	29.5	3.78	3.99	27.5	3.37	36.4
		120	35.5	3.68	36.2	33.5	3.35	36.4	31.5	3.03	36.6	30.5	2.88	36.7	29.5	2.73	2.88	27.5	2.45	37.0
		150	35.5	3.57	36.9	33.5	3.25	37.1	31.5	2.94	37.3	30.5	2.79	37.4	29.5	2.65	2.79	27.5	2.37	37.6
	45	80	35.5	3.50	39.3	33.5	3.19	39.6	31.5	2.89	39.9	30.5	2.74	40.0	29.5	2.60	2.74	27.5	2.33	40.5
		96	35.5	3.37	40.2	33.5	3.07	40.5	31.5	2.78	40.7	30.5	2.64	40.8	29.5	2.51	2.64	27.5	2.25	41.2
		120	35.5	3.22	41.1	33.5	2.94	41.3	31.5	2.66	41.6	30.5	2.53	41.7	29.5	2.40	2.53	27.5	2.15	42.0
		150	35.5	3.12	41.9	33.5	2.85	42.1	31.5	2.58	42.2	30.5	2.46	42.3	29.5	2.33	2.46	27.5	2.09	42.6
90	-10	80																		
		96																		
		120																		
		150																		
	-5	80	18.8	5.40	-7.40	18.9	5.42	-7.41	18.9	5.48	-7.40	18.9	5.53	-7.39	18.8	5.58	-7.38	18.8	5.71	-7.34
		96	19.3	5.40	-7.07	19.3	5.43	-7.07	19.3	5.50	-7.06	19.3	5.55	-7.05	19.3	5.61	-7.04	19.2	5.75	-7.00
		120	19.8	5.40	-6.72	19.8	5.44	-6.72	19.8	5.53	-6.70	19.8	5.58	-6.69	19.7	5.65	-6.68	19.6	5.80	-6.65
		150	20.2	5.40	-6.41	20.2	5.46	-6.41	20.2	5.56	-6.40	20.1	5.61	-6.39	20.1	5.68	-6.38	20.0	5.84	-6.35
	0	80	21.3	5.51	-2.83	21.3	5.59	-2.81	21.2	5.71	-2.78	21.2	5.78	-2.76	21.1	5.85	-2.74	21.0	6.03	-2.68
		96	21.8	5.52	-2.43	21.8	5.62	-2.41	21.7	5.74	-2.38	21.6	5.82	-2.36	21.6	5.90	-2.34	21.4	6.08	-2.30
		120	22.4	5.55	-2.01	22.3	5.66	-1.99	22.2	5.79	-1.96	22.2	5.86	-1.95	22.1	5.95	-1.93	22.0	6.13	-1.89
		150	22.8	5.58	-1.64	22.7	5.69	-1.63	22.6	5.83	-1.61	22.6	5.91	-1.59	22.5	5.99	-1.58	22.3	6.18	-1.54
	5	80	23.9	5.72	1.75	23.8	5.85	1.79	23.7	6.00	1.83	23.6	6.09	1.86	23.5	6.18	1.89	23.3	6.38	1.96
		96	24.4	5.76	2.22	24.3	5.89	2.25	24.2	6.05	2.29	24.1	6.13	2.32	24.0	6.23	2.35	23.8	6.43	2.40
		120	25.0	5.80	2.71	24.9	5.94	2.74	24.7	6.10	2.77	24.7	6.19	2.79	24.6	6.29	2.82	24.4	6.27	2.84
		150	25.5	5.84	3.13	25.3	5.99	3.15	25.2	6.15	3.18	25.1	6.24	3.20	25.0	6.34	3.22	24.7	6.06	3.22
	10	80	26.5	6.00	6.32	26.4	6.16	6.38	26.2	6.33	6.44	26.1	6.42	6.47	26.0	6.40	6.49	24.7	5.67	6.59
		96	27.1	6.05	6.86	26.9	6.21	6.91	26.7	6.38	6.96	26.6	6.48	6.99	26.5	6.14	6.96	24.7	5.45	7.12
		120	27.7	6.11	7.42	27.6	6.27	7.46	27.4	6.45	7.50	27.3	6.21	7.49	26.5	5.87	7.53	24.7	5.20	7.67
		150	28.2	6.16	7.89	28.0	6.32	7.92	27.8	6.35	7.95	27.4	6.01	7.95	26.5	5.67	8.01	24.7	5.04	8.12
	15	80	29.2	6.32	10.9	29.0	6.49	11.0	28.4	5.99	11.0	27.4	5.66	11.1	26.5	5.35	11.2	24.7	4.75	11.4
		96	29.8	6.37	11.5	29.6	6.38	11.5	28.4	5.74	11.6	27.4	5.44	11.7	26.5	5.14	11.8	24.7	4.57	12.0
		120	30.5	6.44	12.1	30.2	6.10	12.1	28.4	5.49	12.3	27.4	5.19	12.3	26.5	4.91	12.4	24.7	4.37	12.6
		150	31.1	6.49	12.7	30.2	5.89	12.7	28.4	5.31	12.8	27.4	5.03	12.9	26.5	4.75	12.9	24.7	4.23	13.0
	20	80	32.0	6.18	15.4	30.2	5.60	15.6	28.4	5.05	15.8	27.4	4.78	15.9	26.5	4.52	16.1	24.7	4.02	16.3
		96	32.0	5.94	16.1	30.2	5.38	16.3	28.4	4.85	16.5	27.4	4.59	16.6	26.5	4.34	16.7	24.7	3.87	16.9
		120	32.0	5.67	16.9	30.2	5.14	17.0	28.4	4.63	17.2	27.4	4.39	17.2	26.5	4.15	17.3	24.7	3.70	17.5
		150	32.0	5.48	17.5	30.2	4.97	17.6	28.4	4.48	17.7	27.4	4.25	17.8	26.5	4.02	17.9	24.7	3.58	18.0
	25	80	32.0	5.25	20.2	30.2	4.76	20.4	28.4	4.30	20.7	27.4	4.07	20.8	26.5	3.85	20.9	24.7	3.44	21.2
		96	32.0	5.04	21.0	30.2	4.57	21.2	28.4	4.13	21.4	27.4	3.91	21.5	26.5	3.70	21.6	24.7	3.30	21.8
		120	32.0	4.82	21.8	30.2	4.37	21.9	28.4	3.95	22.1	27.4	3.74	22.2	26.5	3.54	22.3	24.7	3.16	22.4
		150	32.0	4.66	22.4	30.2	4.23	22.5	28.4	3.82	22.7	27.4	3.63	22.7	26.5	3.43	22.8	24.7	3.06	22.9
	30	80	32.0	4.49	25.1	30.2	4.08	25.3	28.4	3.69	25.6	27.4	3.50	25.7	26.5	3.31	25.8	24.7	2.96	26.1
		96	32.0	4.32	25.9	30.2	3.92	26.1	28.4	3.55	26.3	27.4	3.37	26.4	26.5	3.19	26.5	24.7	2.85	26.7
		120	32.0	4.13	26.7	30.2	3.75	26.8	28.4	3.39	27.0	27.4	3.22	27.1	26.5	3.05	27.2	24.7	2.73	27.4
		150	32.0	4.00	27.3	30.2	3.63	27.5	28.4	3.29	27.6	27.4	3.12	27.7	26.5	2.96	27.7	24.7	2.65	27.9
	35	80	32.0	3.88	30.0	30.2	3.53	30.2	28.4	3.19	30.5	27.4	3.03	30.6	26.5	2.88	30.8	24.7	2.57	31.0
		96	32.0	3.73	30.8	30.2	3.39	31.0	28.4	3.07	31.2	27.4	2.92	31.3	26.5	2.77	31.5	24.7	2.48	31.7
		120	32.0	3.57	31.6	30.2	3.25	31.8	28.4	2.94	32.0	27.4	2.80	32.1	26.5	2.65	32.1	24.7	2.37	32.3
		150	32.0	3.46	32.3	30.2	3.15	32.4	28.4	2.85	32.6	27.4	2.71	32.6	26.5	2.57	32.7	24.7	2.30	32.9
	40	80	32.0	3.38	34.9	30.2	3.08	35.1	28.4	2.79	35.4	27.4	2.65	35.6	26.5	2.51	35.7	24.7	2.25	36.0
		96	32.0	3.25	35.7	30.2	2.96	35.9	28.4	2.68	36.2	27.4	2.55	36.3	26.5	2.42	36.4	24.7	2.17	36.6
		120	32.0	3.11	36.6	30.2	2.83	36.7	28.4	2.57	36.9	27.4	2.44	37.0	26.5	2.32	37.1	24.7	2.08	37.3
		150	32.0	3.01	37.2	30.2	2.75	37.4	28.4	2.49	37.5	27.4	2.37	37.6	26.5	2.25	37.7	24.7	2.02	37.8
	45	80	32.0	2.96	39.8	30.2	2.70	40.1	28.4	2.45	40.4	27.4	2.33	40.5	26.5	2.21	40.6	24.7	1.99	40.9
		96	32.0	2.85	40.6	30.2	2.60	40.9	28.4	2.36	41.1	27.4	2.25	41.2	26.5	2.13	41.4	24.7	1.92	41.6
		120	32.0	2.73	41.5	30.2	2.49	41.7	28.4	2.26	41.9	27.4	2.15	42.0	26.5	2.05	42.1	24.7	1.84	42.3
		150	32.0	2.65	42.2	30.2	2.42	42.3	28.4	2.20	42.5	27.4	2.09	42.6	26.5	1.99	42.7	24.7	1.79	42.8

CA08A579A

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

1 Capacity tables with 30% glycol
Leistungstabellen mit 30 % Glykol
Πίνακες αποδόσεων με 30% γλυκόλη
Tablas de capacidad con un 30% de glicol
Tableaux de puissance (glycol 30 %)
Tabelle delle capacitŭ (30% glicole)
Capaciteitstabellen met 30% glycol
РЯнбкет брпдьуещн ме 30% глхкьлз
%30 glikollu kapasite tabloları

4 Capacity tables

4 - 4 Heating capacity tables with brine (30%)

RWEYQ10PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CDB																		
			16.0			18.0			20.0			21.0			22.0			24.0			
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	
80	-10	80																			
		96																			
		120																			
		150																			
	-5	80	18.9	5.48	-7.40	18.8	5.56	-7.38	18.8	5.67	-7.35	18.8	5.74	-7.33	18.7	5.82	-7.31	18.6	5.99	-7.26	
		96	19.3	5.50	-7.06	19.3	5.59	-7.04	19.2	5.71	-7.01	19.2	5.78	-7.00	19.1	5.86	-6.98	19.0	6.04	-6.93	
		120	19.8	5.52	-6.70	19.7	5.63	-6.69	19.7	5.75	-6.66	19.6	5.83	-6.65	19.6	5.91	-6.63	19.4	6.10	-6.59	
		150	20.2	5.55	-6.40	20.1	5.66	-6.38	20.0	5.79	-6.36	20.0	5.87	-6.35	19.9	5.96	-6.33	19.8	6.14	-6.30	
	0	80	21.2	5.70	-2.78	21.2	5.83	-2.75	21.0	5.98	-2.70	21.0	6.06	-2.67	20.9	6.15	-2.64	20.7	6.35	-2.58	
		96	21.7	5.74	-2.38	21.6	5.87	-2.35	21.5	6.02	-2.31	21.4	6.11	-2.29	21.3	6.20	-2.26	21.2	6.40	-2.21	
		120	22.2	5.78	-1.97	22.1	5.92	-1.94	22.0	6.08	-1.90	21.9	6.17	-1.88	21.8	6.26	-1.86	21.7	6.24	-1.84	
		150	22.6	5.82	-1.61	22.5	5.96	-1.58	22.4	6.13	-1.55	22.3	6.22	-1.54	22.2	6.31	-1.52	22.0	6.04	-1.52	
	5	80	23.7	5.99	1.83	23.5	6.15	1.88	23.4	6.32	1.94	23.3	6.41	1.97	23.2	6.32	1.97	22.0	5.61	2.07	
		96	24.2	6.04	2.29	24.0	6.20	2.34	23.9	6.37	2.39	23.8	6.43	2.41	23.6	6.07	2.39	22.0	5.38	2.52	
		120	24.8	6.10	2.77	24.6	6.26	2.81	24.4	6.43	2.85	24.3	6.13	2.83	23.6	5.79	2.88	22.0	5.14	2.99	
		150	25.2	6.14	3.18	25.0	6.31	3.21	24.9	6.27	3.22	24.4	5.93	3.24	23.6	5.60	3.28	22.0	4.97	3.38	
	10	80	26.2	6.32	6.44	26.0	6.49	6.50	25.2	5.87	6.54	24.4	5.55	6.63	23.6	5.25	6.72	22.0	4.66	6.90	
		96	26.8	6.37	6.96	26.6	6.26	6.97	25.2	5.63	7.08	24.4	5.33	7.15	23.6	5.04	7.23	22.0	4.48	7.39	
		120	27.4	6.44	7.50	26.8	5.97	7.51	25.2	5.38	7.63	24.4	5.09	7.70	23.6	4.81	7.76	22.0	4.28	7.89	
		150	27.8	6.38	7.95	26.8	5.78	7.99	25.2	5.20	8.09	24.4	4.93	8.14	23.6	4.66	8.19	22.0	4.14	8.30	
	15	80	28.4	6.02	11.0	26.8	5.45	11.2	25.2	4.91	11.4	24.4	4.65	11.5	23.6	4.40	11.6	22.0	3.92	11.8	
		96	28.4	5.78	11.6	26.8	5.23	11.8	25.2	4.72	11.9	24.4	4.47	12.0	23.6	4.23	12.1	22.0	3.76	12.3	
		120	28.4	5.52	12.3	26.8	5.00	12.4	25.2	4.51	12.5	24.4	4.27	12.6	23.6	4.04	12.7	22.0	3.60	12.8	
		150	28.4	5.34	12.8	26.8	4.84	12.9	25.2	4.37	13.0	24.4	4.14	13.1	23.6	3.92	13.1	22.0	3.49	13.2	
	20	80	28.4	5.07	15.8	26.8	4.60	16.0	25.2	4.15	16.2	24.4	3.94	16.3	23.6	3.73	16.4	22.0	3.32	16.7	
		96	28.4	4.87	16.5	26.8	4.42	16.7	25.2	3.99	16.8	24.4	3.79	16.9	23.6	3.58	17.0	22.0	3.20	17.2	
		120	28.4	4.66	17.2	26.8	4.23	17.3	25.2	3.82	17.4	24.4	3.62	17.5	23.6	3.43	17.6	22.0	3.06	17.7	
		150	28.4	4.51	17.7	26.8	4.09	17.8	25.2	3.70	17.9	24.4	3.51	18.0	23.6	3.32	18.1	22.0	2.97	18.2	
	25	80	28.4	4.32	20.7	26.8	3.92	20.9	25.2	3.55	21.1	24.4	3.36	21.2	23.6	3.19	21.3	22.0	2.85	21.6	
		96	28.4	4.15	21.4	26.8	3.77	21.6	25.2	3.41	21.7	24.4	3.24	21.8	23.6	3.07	21.9	22.0	2.74	22.1	
		120	28.4	3.97	22.1	26.8	3.61	22.2	25.2	3.26	22.4	24.4	3.10	22.5	23.6	2.94	22.5	22.0	2.63	22.7	
		150	28.4	3.84	22.7	26.8	3.49	22.8	25.2	3.16	22.9	24.4	3.00	23.0	23.6	2.85	23.0	22.0	2.55	23.1	
	30	80	28.4	3.71	25.6	26.8	3.37	25.8	25.2	3.05	26.0	24.4	2.90	26.2	23.6	2.75	26.3	22.0	2.46	26.5	
		96	28.4	3.56	26.3	26.8	3.24	26.5	25.2	2.94	26.7	24.4	2.79	26.8	23.6	2.65	26.9	22.0	2.37	27.1	
		120	28.4	3.41	27.0	26.8	3.11	27.2	25.2	2.82	27.3	24.4	2.67	27.4	23.6	2.54	27.5	22.0	2.27	27.6	
		150	28.4	3.31	27.6	26.8	3.01	27.7	25.2	2.73	27.9	24.4	2.59	27.9	23.6	2.46	28.0	22.0	2.21	28.1	
	35	80	28.4	3.21	30.5	26.8	2.93	30.7	25.2	2.65	31.0	24.4	2.52	31.1	23.6	2.39	31.2	22.0	2.15	31.5	
		96	28.4	3.09	31.2	26.8	2.82	31.4	25.2	2.55	31.6	24.4	2.43	31.7	23.6	2.31	31.8	22.0	2.07	32.0	
		120	28.4	2.96	32.0	26.8	2.70	32.1	25.2	2.45	32.3	24.4	2.33	32.4	23.6	2.21	32.4	22.0	1.98	32.6	
		150	28.4	2.87	32.6	26.8	2.62	32.7	25.2	2.37	32.8	24.4	2.26	32.9	23.6	2.14	33.0	22.0	1.93	33.1	
	40	80	28.4	2.80	35.4	26.8	2.56	35.7	25.2	2.32	35.9	24.4	2.21	36.0	23.6	2.10	36.2	22.0	1.89	36.4	
		96	28.4	2.70	36.2	26.8	2.46	36.4	25.2	2.24	36.6	24.4	2.13	36.7	23.6	2.02	36.8	22.0	1.82	37.0	
		120	28.4	2.58	36.9	26.8	2.36	37.1	25.2	2.15	37.2	24.4	2.04	37.3	23.6	1.94	37.4	22.0	1.75	37.6	
		150	28.4	2.51	37.5	26.8	2.29	37.7	25.2	2.08	37.8	24.4	1.98	37.9	23.6	1.88	37.9	22.0	1.70	38.1	
	45	80	28.4	2.46	40.3	26.8	2.25	40.6	25.2	2.05	40.9	24.4	1.95	41.0	23.6	1.85	41.1	22.0	1.67	41.4	
		96	28.4	2.37	41.1	26.8	2.17	41.3	25.2	1.97	41.5	24.4	1.88	41.6	23.6	1.79	41.7	22.0	1.61	42.0	
		120	28.4	2.27	41.9	26.8	2.08	42.0	25.2	1.89	42.2	24.4	1.80	42.3	23.6	1.72	42.4	22.0	1.55	42.6	
		150	28.4	2.21	42.5	26.8	2.02	42.6	25.2	1.84	42.8	24.4	1.75	42.8	23.6	1.67	42.9	22.0	1.50	43.0	
70	-10	80																			
		96																			
		120																			
		150																			
	-5	80	18.8	5.70	-7.34	18.7	5.83	-7.31	18.6	5.98	-7.26	18.5	6.07	-7.24	18.5	6.16	-7.21	18.3	6.36	-7.15	
		96	19.2	5.74	-7.01	19.1	5.87	-6.98	19.0	6.03	-6.94	18.9	6.12	-6.91	18.9	6.21	-6.89	18.7	6.39	-6.84	
		120	19.7	5.78	-6.66	19.6	5.92	-6.63	19.4	6.09	-6.60	19.4	6.17	-6.58	19.3	6.27	-6.56	19.1	6.10	-6.56	
		150	20.0	5.82	-6.36	19.9	5.97	-6.33	19.8	6.13	-6.30	19.7	6.22	-6.29	19.6	6.32	-6.27	19.2	5.90	-6.27	
	0	80	21.0	6.01	-2.69	20.9	6.17	-2.64	20.8	6.34	-2.58	20.7	6.43	-2.55	20.6	6.13	-2.59	19.2	5.44	-2.47	
		96	21.5	6.06	-2.30	21.3	6.22	-2.26	21.2	6.39	-2.21	21.1	6.23	-2.22	20.6	5.88	-2.20	19.2	5.22	-2.09	
		120	22.0	6.11	-1.89	21.8	6.28	-1.86	21.7	6.29	-1.84	21.3	5.95	-1.84	20.6	5.62	-1.79	19.2	4.99	-1.70	
		150	22.4	6.16	-1.55	22.2	6.33	-1.52	22.1	6.08	-1.53	21.3	5.75	-1.49	20.6	5.43	-1.45	19.2	4.83	-1.38	
	5	80	23.4	6.36	1.95	23.2	6.27	1.97	22.1	5.64	2.06	21.3	5.34	2.13	20.6	5.05	2.21	19.2	4.49	2.36	
		96	23.8	6.41	2.40	23.5	6.02	2.39	22.1	5.42	2.52	21.3	5.13	2.58	20.6	4.85	2.64	19.2	4.31	2.77	
		120	24.4	6.35	2.84	23.5	5.75	2.88	22.1	5.18	2.98	21.3	4.90	3.04	20.6	4.63	3.09	19.2	4.12	3.20	
		150	24.8	6.14	3.22	23.5	5.56	3.29	22.1	5.01	3.37	21.3	4.74	3.41	20.6	4.49	3.46	19.2	3.99	3.55	
	10	80	24.9	5.74	6.57	23.5	5.20	6.73	22.1	4.69	6.89	21.3	4.45	6.97	20.6	4.21	7.06	19.2	3.74	7.23	
		96	24.9	5.51	7.11	23.5	5.00	7.24	22.1	4.51	7.38	21.3	4.27	7.45	20.6	4.04	7.52	19.2	3.60	7.67	
		120	24.9	5.27	7.66	23.5	4.78	7.77	22.1	4.31	7.88	21.3	4.08	7.94	20.6	3.87	8.00	19.2	3.44	8.12	
		150	24.9	5.10	8.11	23.5	4.62	8.20	22.1	4.17	8.29	21.3	3.95	8.34	20.6	3.74	8.39	19.2	3.34	8.48	
	15	80	24.9	4.81	11.4	23.5	4.37	11.6	22.1	3.94	11.8	21.3	3.74	11.8	20.6	3.54	11.9	19.2	3.16	12.1	
		96	24.9	4.62	12.0	23.5	4.20	12.1	22.1	3.79	12.3	21.3	3.59	12.4	20.6	3.40	12.4	19.2	3.04	12.6	
		120	24.9	4.42	12.6	23.5	4.01	12.7	22.1	3.63	12.8	21.3	3.44	12.9	20.6	3.26	12.9	19.2	2.91	13.1	
		150	24.9	4.28	13.0	23.5	3.88	13.1	22.1	3.51	13.2	21.3	3.33	13.3	20.6	3.16	13.3	19.2	2.82	13.4	
	20	80	24.9	4.07	16.3	23.5	3.70	16.5	22.1	3.35	16.6	21.3	3.18	16.7	20.6	3.01	16.8	19.2	2.69	17.0	
		96	24.9	3.91	16.9	23.5	3.56	17.0	22.1	3.22	17.2	21.3	3.06	17.3	20.6	2.90	17.4	19.2	2.59	17.5	
		120	24.9	3.74	17.5	23.5	3.40	17.6	22.1	3.08	17.7	21.3	2.93	17.8	20.6	2.77	17.9	19.2	2.48	18.0	
		150	24.9	3.62	18.0	23.5	3.30	18.1	22.1	2.99	18.2	21.3	2.84	18.2	20.6	2.69	18.3	19.2	2.41	18.4	
	25	80	24.9	3.47	21.2	23.5	3.16	21.4	22.1	2.87	21.6	21.3	2.72	21.7	20.6	2.58	21.8	19.2	2.31	22.0	
		96	24.9	3.34	21.8	23.5	3.04	22.0	22.1	2.76	22.1	21.3	2.62	22.2	20.6	2.49	22.3	19.2	2.23	22.5	
		120	24.9	3.20	22.4	23.5	2.91	22.5	22.1	2.64	22.7	21.3	2.51	22.8	20.6	2.38	22.8	19.2	2.14	23.0	
		150	24.9	3.10	22.9	23.5	2.83	23.0	22.1	2.56	23.1	21.3	2.44	23.2	20.6	2.31	23.3	19.2	2.07	23.4	
	30	80	24.9	2.99	26.1	23.5	2.73	26.3	22.1	2.48	26.5	21.3	2.36	26.6	20.6	2.24	26.7	19.2	2.01	26.9	
		96	24.9	2.88	26.7	23.5	2.63	26.9	22.1	2.39	27.1	21.3	2.27	27.2	20.6	2.16	27.2	19.2	1.94	27.4	
		120	24.9	2.76	27.4	23.5	2.52	27.5	22.1	2.29	27.6	21.3	2.18	27.7	20.6	2.07	27.8	19.2	1.86	27.9	
		150	24.9	2.68	27.9	23.5	2.44	28.0	22.1	2.22	28.1	21.3	2.11	28.2	20.6	2.01	28.2	19.2	1.80	28.3	
	35	80	24.9	2.60	31.0	23.5	2.38	31.2	22.1	2.16	31.4	21.3	2.06	31.5	20.6	1.95	31.7	19.2	1.76	31.9	
		96	24.9	2.50	31.7	23.5	2.29	31.8	22.1	2.08	32.0	21.3	1.98	32.1	20.6	1.88	32.2	19.2	1.69	32.4	
		120	24.9	2.40	32.3	23.5	2.19	32.5	22.1	2.00	32.6	21.3	1.90	32.7	20.6	1.81	32.8	19.2	1.63	32.9	
		150	24.9	2.33	32.8	23.5	2.13	33.0	22.1	1.94	33.1	21.3	1.85	33.1	20.6	1.76	33.2	19.2	1.58	33.3	
	40	80	24.9	2.28	36.0	23.5	2.08	36.2	22.1	1.90	36.4	21.3	1.81	36.5	20.6	1.72	36.6	19.2	1.55	36.8	
		96	24.9	2.19	36.6	23.5	2.01	36.8	22.1	1.83	37.0	21.3	1.74	37.1	20.6	1.66	37.2	19.2	1.49	37.4	
		120	24.9	2.10	37.3	23.5	1.93	37.4	22.1	1.76	37.6	21.3	1.67	37.7	20.6	1.59	37.7	19.2	1.44	37.9	
		150	24.9	2.04	37.8	23.5	1.87	37.9	22.1	1.71	38.1	21.3	1.63	38.1	20.6	1.55	38.2	19.2	1.40	38.3	
	45	80	24.9	2.01	40.9	23.5	1.84	41.1	22.1	1.68	41.4	21.3	1.60	41.5	20.6	1.52	41.6	19.2	1.37	41.8	
		96	24.9	1.94	41.6	23.5	1.77	41.8	22.1	1.62	42.0	21.3	1.54	42.0	20.6	1.47	42.1	19.2	1.33	42.3	
		120	24.9	1.86	42.3	23.5	1.70	42.4	22.1	1.56	42.6	21.3	1.48	42.6	20.6	1.41	42.7	19.2	1.28	42.9	
		150	24.9	1.80	42.8	23.5	1.65	42.9	22.1	1.51	43.0	21.3	1.44	43.1	20.6	1.37	43.2	19.2	1.24	43.3	

CA08A579A

4 Capacity tables

4 - 4 Heating capacity tables with brine (30%)

RWEYQ10PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
60	-10	80																		
		96																		
		120																		
		150																		
	-5	80	18.5	6.07	-7.23	18.4	6.23	-7.19	18.3	6.40	-7.13	18.2	6.13	-7.17	17.7	5.79	-7.13	16.5	5.13	-7.03
		96	18.9	6.12	-6.91	18.8	6.28	-6.87	18.7	6.21	-6.86	18.3	5.88	-6.85	17.7	5.55	-6.81	16.5	4.93	-6.72
		120	19.4	6.18	-6.58	19.3	6.34	-6.54	18.9	5.93	-6.55	18.3	5.61	-6.51	17.7	5.30	-6.48	16.5	4.71	-6.40
		150	19.7	6.23	-6.29	19.6	6.38	-6.26	18.9	5.74	-6.26	18.3	5.43	-6.23	17.7	5.13	-6.20	16.5	4.56	-6.14
	0	80	20.7	6.43	-2.55	20.1	5.87	-2.55	18.9	5.29	-2.44	18.3	5.01	-2.38	17.7	4.73	-2.32	16.5	4.21	-2.20
		96	21.1	6.22	-2.22	20.1	5.64	-2.16	18.9	5.08	-2.06	18.3	4.81	-2.01	17.7	4.55	-1.96	16.5	4.04	-1.86
		120	21.3	5.94	-1.84	20.1	5.38	-1.76	18.9	4.85	-1.68	18.3	4.59	-1.64	17.7	4.35	-1.59	16.5	3.87	-1.51
		150	21.3	5.75	-1.49	20.1	5.21	-1.42	18.9	4.69	-1.36	18.3	4.45	-1.32	17.7	4.21	-1.29	16.5	3.75	-1.22
	5	80	21.3	5.34	2.13	20.1	4.84	2.26	18.9	4.37	2.40	18.3	4.14	2.46	17.7	3.92	2.53	16.5	3.49	2.67
		96	21.3	5.12	2.58	20.1	4.65	2.69	18.9	4.19	2.80	18.3	3.98	2.86	17.7	3.76	2.92	16.5	3.36	3.04
		120	21.3	4.90	3.04	20.1	4.44	3.13	18.9	4.01	3.22	18.3	3.80	3.27	17.7	3.60	3.32	16.5	3.21	3.42
		150	21.3	4.74	3.41	20.1	4.30	3.49	18.9	3.88	3.57	18.3	3.68	3.60	17.7	3.49	3.64	16.5	3.11	3.72
	10	80	21.3	4.44	6.97	20.1	4.03	7.12	18.9	3.65	7.27	18.3	3.46	7.34	17.7	3.28	7.42	16.5	2.93	7.57
		96	21.3	4.27	7.45	20.1	3.88	7.58	18.9	3.50	7.70	18.3	3.33	7.77	17.7	3.15	7.83	16.5	2.82	7.96
		120	21.3	4.08	7.94	20.1	3.71	8.04	18.9	3.35	8.14	18.3	3.18	8.20	17.7	3.02	8.25	16.5	2.70	8.35
		150	21.3	3.95	8.34	20.1	3.59	8.42	18.9	3.25	8.50	18.3	3.08	8.55	17.7	2.92	8.59	16.5	2.61	8.68
	15	80	21.3	3.73	11.8	20.1	3.40	12.0	18.9	3.08	12.2	18.3	2.92	12.2	17.7	2.77	12.3	16.5	2.48	12.5
		96	21.3	3.59	12.4	20.1	3.27	12.5	18.9	2.96	12.6	18.3	2.81	12.7	17.7	2.67	12.8	16.5	2.39	12.9
		120	21.3	3.44	12.9	20.1	3.13	13.0	18.9	2.83	13.1	18.3	2.69	13.1	17.7	2.55	13.2	16.5	2.29	13.3
		150	21.3	3.33	13.3	20.1	3.03	13.4	18.9	2.75	13.5	18.3	2.61	13.5	17.7	2.48	13.5	16.5	2.22	13.6
	20	80	21.3	3.17	16.7	20.1	2.89	16.9	18.9	2.62	17.1	18.3	2.49	17.2	17.7	2.37	17.3	16.5	2.12	17.4
		96	21.3	3.05	17.3	20.1	2.78	17.4	18.9	2.52	17.6	18.3	2.40	17.6	17.7	2.28	17.7	16.5	2.04	17.8
		120	21.3	2.92	17.8	20.1	2.67	17.9	18.9	2.42	18.0	18.3	2.30	18.1	17.7	2.18	18.1	16.5	1.96	18.3
		150	21.3	2.83	18.2	20.1	2.58	18.3	18.9	2.35	18.4	18.3	2.23	18.5	17.7	2.12	18.5	16.5	1.90	18.6
	25	80	21.3	2.72	21.7	20.1	2.48	21.8	18.9	2.26	22.0	18.3	2.15	22.1	17.7	2.04	22.2	16.5	1.83	22.4
		96	21.3	2.62	22.2	20.1	2.39	22.4	18.9	2.17	22.5	18.3	2.07	22.6	17.7	1.97	22.7	16.5	1.77	22.8
		120	21.3	2.51	22.8	20.1	2.29	22.9	18.9	2.08	23.0	18.3	1.98	23.1	17.7	1.89	23.1	16.5	1.70	23.2
		150	21.3	2.43	23.2	20.1	2.22	23.3	18.9	2.02	23.4	18.3	1.93	23.4	17.7	1.83	23.5	16.5	1.65	23.6
	30	80	21.3	2.35	26.6	20.1	2.15	26.8	18.9	1.96	27.0	18.3	1.86	27.1	17.7	1.77	27.2	16.5	1.60	27.3
		96	21.3	2.27	27.2	20.1	2.07	27.3	18.9	1.89	27.5	18.3	1.80	27.5	17.7	1.71	27.6	16.5	1.54	27.8
		120	21.3	2.17	27.7	20.1	1.99	27.8	18.9	1.81	28.0	18.3	1.73	28.0	17.7	1.64	28.1	16.5	1.48	28.2
		150	21.3	2.11	28.2	20.1	1.93	28.3	18.9	1.76	28.4	18.3	1.68	28.4	17.7	1.60	28.5	16.5	1.44	28.6
	35	80	21.3	2.05	31.5	20.1	1.88	31.7	18.9	1.71	31.9	18.3	1.63	32.0	17.7	1.56	32.1	16.5	1.40	32.3
		96	21.3	1.98	32.1	20.1	1.81	32.3	18.9	1.65	32.4	18.3	1.58	32.5	17.7	1.50	32.6	16.5	1.36	32.7
		120	21.3	1.90	32.7	20.1	1.74	32.8	18.9	1.59	32.9	18.3	1.51	33.0	17.7	1.44	33.1	16.5	1.30	33.2
		150	21.3	1.84	33.1	20.1	1.69	33.2	18.9	1.54	33.3	18.3	1.47	33.4	17.7	1.40	33.4	16.5	1.27	33.5
	40	80	21.3	1.81	36.5	20.1	1.66	36.7	18.9	1.51	36.9	18.3	1.44	37.0	17.7	1.37	37.1	16.5	1.24	37.3
		96	21.3	1.74	37.1	20.1	1.60	37.2	18.9	1.46	37.4	18.3	1.39	37.5	17.7	1.33	37.6	16.5	1.20	37.7
		120	21.3	1.67	37.7	20.1	1.53	37.8	18.9	1.40	37.9	18.3	1.34	38.0	17.7	1.28	38.0	16.5	1.16	38.2
		150	21.3	1.62	38.1	20.1	1.49	38.2	18.9	1.36	38.3	18.3	1.30	38.4	17.7	1.24	38.4	16.5	1.12	38.5
	45	80	21.3	1.60	41.5	20.1	1.47	41.7	18.9	1.34	41.9	18.3	1.28	42.0	17.7	1.22	42.1	16.5	1.11	42.2
		96	21.3	1.54	42.0	20.1	1.42	42.2	18.9	1.30	42.4	18.3	1.24	42.5	17.7	1.18	42.5	16.5	1.07	42.7
		120	21.3	1.48	42.6	20.1	1.36	42.8	18.9	1.25	42.9	18.3	1.19	43.0	17.7	1.14	43.0	16.5	1.03	43.2
		150	21.3	1.44	43.1	20.1	1.32	43.2	18.9	1.21	43.3	18.3	1.16	43.4	17.7	1.11	43.4	16.5	1.00	43.5
50	-10	80																		
		96																		
		120																		
		150																		
	-5	80	17.8	5.83	-7.14	16.8	5.29	-7.06	15.8	4.76	-6.97	15.2	4.51	-6.92	14.7	4.27	-6.88	13.7	3.80	-6.78
		96	17.8	5.60	-6.82	16.8	5.08	-6.74	15.8	4.58	-6.67	15.2	4.34	-6.63	14.7	4.10	-6.59	13.7	3.65	-6.50
		120	17.8	5.35	-6.48	16.8	4.85	-6.42	15.8	4.37	-6.36	15.2	4.15	-6.33	14.7	3.92	-6.29	13.7	3.50	-6.22
		150	17.8	5.18	-6.20	16.8	4.69	-6.15	15.8	4.23	-6.10	15.2	4.01	-6.07	14.7	3.80	-6.05	13.7	3.39	-5.99
	0	80	17.8	4.77	-2.33	16.8	4.33	-2.23	15.8	3.91	-2.12	15.2	3.71	-2.07	14.7	3.51	-2.01	13.7	3.13	-1.90
		96	17.8	4.58	-1.97	16.8	4.16	-1.88	15.8	3.76	-1.79	15.2	3.57	-1.74	14.7	3.38	-1.70	13.7	3.01	-1.60
		120	17.8	4.38	-1.60	16.8	3.98	-1.53	15.8	3.60	-1.45	15.2	3.41	-1.41	14.7	3.23	-1.37	13.7	2.89	-1.29
		150	17.8	4.24	-1.29	16.8	3.85	-1.23	15.8	3.48	-1.17	15.2	3.31	-1.14	14.7	3.13	-1.11	13.7	2.80	-1.04
	5	80	17.8	3.95	2.52	16.8	3.59	2.64	15.8	3.25	2.76	15.2	3.08	2.82	14.7	2.92	2.88	13.7	2.61	3.01
		96	17.8	3.79	2.91	16.8	3.45	3.01	15.8	3.12	3.11	15.2	2.97	3.17	14.7	2.81	3.22	13.7	2.52	3.33
		120	17.8	3.63	3.31	16.8	3.30	3.39	15.8	2.99	3.48	15.2	2.84	3.52	14.7	2.69	3.56	13.7	2.41	3.65
		150	17.8	3.52	3.64	16.8	3.20	3.70	15.8	2.90	3.77	15.2	2.75	3.81	14.7	2.61	3.84	13.7	2.34	3.91
	10	80	17.8	3.30	7.41	16.8	3.01	7.54	15.8	2.73	7.67	15.2	2.59	7.73	14.7	2.46	7.80	13.7	2.20	7.94
		96	17.8	3.18	7.82	16.8	2.89	7.93	15.8	2.62	8.04	15.2	2.49	8.10	14.7	2.37	8.15	13.7	2.12	8.27
		120	17.8	3.04	8.24	16.8	2.77	8.33	15.8	2.51	8.42	15.2	2.39	8.46	14.7	2.27	8.51	13.7	2.04	8.60
		150	17.8	2.95	8.58	16.8	2.69	8.66	15.8	2.44	8.73	15.2	2.32	8.77	14.7	2.20	8.80	13.7	1.98	8.88
	15	80	17.8	2.79	12.3	16.8	2.55	12.5	15.8	2.31	12.6	15.2	2.20	12.7	14.7	2.09	12.7	13.7	1.88	12.9
		96	17.8	2.69	12.7	16.8	2.45	12.9	15.8	2.23	13.0	15.2	2.12	13.0	14.7	2.01	13.1	13.7	1.81	13.2
		120	17.8	2.57	13.2	16.8	2.35	13.3	15.8	2.14	13.4	15.2	2.03	13.4	14.7	1.93	13.5	13.7	1.74	13.6
		150	17.8	2.50	13.5	16.8	2.28	13.6	15.8	2.07	13.7	15.2	1.97	13.7	14.7	1.88	13.8	13.7	1.69	13.9
	20	80	17.8	2.38	17.2	16.8	2.18	17.4	15.8	1.98	17.5	15.2	1.89	17.6	14.7	1.79	17.7	13.7	1.62	17.8
		96	17.8	2.30	17.7	16.8	2.10	17.8	15.8	1.91	17.9	15.2	1.82	18.0	14.7	1.73	18.1	13.7	1.56	18.2
		120	17.8	2.20	18.1	16.8	2.01	18.2	15.8	1.83	18.3	15.2	1.75	18.4	14.7	1.66	18.4	13.7	1.50	18.5
		150	17.8	2.14	18.5	16.8	1.95	18.6	15.8	1.78	18.7	15.2	1.70	18.7	14.7	1.61	18.7	13.7	1.46	18.8
	25	80	17.8	2.05	22.2	16.8	1.88	22.3	15.8	1.71	22.5	15.2	1.63	22.6	14.7	1.56	22.6	13.7	1.40	22.8
		96	17.8	1.98	22.6	16.8	1.81	22.8	15.8	1.65	22.9	15.2	1.58	23.0	14.7	1.50	23.0	13.7	1.36	23.2
		120	17.8	1.90	23.1	16.8	1.74	23.2	15.8	1.59	23.3	15.2	1.52	23.4	14.7	1.44	23.4	13.7	1.30	23.5
		150	17.8	1.84	23.5	16.8	1.69	23.6	15.8	1.54	23.6	15.2	1.47	23.7	14.7	1.40	23.7	13.7	1.27	23.8
	30	80	17.8	1.79	27.1	16.8	1.64	27.3	15.8	1.50	27.4	15.2	1.43	27.5	14.7	1.36	27.6	13.7	1.23	27.8
		96	17.8	1.72	27.6	16.8	1.58	27.7	15.8	1.44	27.9	15.2	1.38	27.9	14.7	1.31	28.0	13.7	1.19	28.1
		120	17.8	1.65	28.1	16.8	1.52	28.2	15.8	1.39	28.3	15.2	1.33	28.3	14.7	1.26	28.4	13.7	1.14	28.5
		150	17.8	1.61	28.5	16.8	1.48	28.5	15.8	1.35	28.6	15.2	1.29	28.7	14.7	1.23	28.7	13.7	1.11	28.8
	35	80	17.8	1.57	32.1	16.8	1.44	32.3	15.8	1.32	32.4	15.2	1.26	32.5	14.7	1.20	32.6	13.7	1.09	32.7
		96	17.8	1.51	32.6	16.8	1.39	32.7	15.8	1.27	32.8	15.2	1.21	32.9	14.7	1.16	33.0	13.7	1.05	33.1
		120	17.8	1.45	33.1	16.8	1.34	33.2	15.8	1.22	33.3	15.2	1.17	33.3	14.7	1.12	33.4	13.7	1.01	33.5
		150	17.8	1.41	33.4	16.8	1.30	33.5	15.8	1.19	33.6	15.2	1.14	33.7	14.7	1.09	33.7	13.7	0.99	33.8
	40	80	17.8	1.38	37.1	16.8	1.27	37.2	15.8	1.17	37.4	15.2	1.12	37.5	14.7	1.06	37.6	13.7	0.97	37.7
		96	17.8	1.34	37.5	16.8	1.23	37.7	15.8	1.13	37.8	15.2	1.08	37.9	14.7	1.03	38.0	13.7	0.94	38.1
		120	17.8	1.29	38.0	16.8	1.18	38.1	15.8	1.09	38.2	15.2	1.04	38.3	14.7	0.99	38.4	13.7	0.90	38.5
		150	17.8	1.25	38.4	16.8	1.15	38.5	15.8	1.06	38.6	15.2	1.01	38.6	14.7	0.97	38.7	13.7	0.88	38.8
	45	80	17.8	1.23	42.0	16.8	1.13	42.2	15.8	1.04	42.4	15.2	1.00	42.4	14.7	0.95	42.5	13.7	0.87	42.7
		96	17.8	1.19	42.5	16.8	1.10	42.7	15.8	1.01	42.8	15.2	0.96	42.9	14.7	0.92	42.9	13.7	0.84	43.1
		120	17.8	1.15	43.0	16.8	1.06	43.1	15.8	0.97	43.2	15.2	0.93	43.3	14.7	0.89	43.3	13.7	0.81	43.5
		150	17.8	1.11	43.4	16.8	1.03	43.5	15.8	0.95	43.6	15.2	0.91	43.6	14.7	0.87	43.7	13.7	0.79	43.8

CA08A579A

4 Capacity tables

4 - 5 Heating capacity tables with brine (40%)

RWEYQ8PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CDB																		
			16.0			18.0			20.0			21.0			22.0			24.0			
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	
100	-10	80	12.0	4.30	-11.4	12.2	4.12	-11.5	12.4	4.00	-11.5	12.5	3.95	-11.5	12.5	3.92	-11.5	12.6	3.88	-11.6	
		96	12.4	4.22	-11.2	12.6	4.06	-11.3	12.7	3.95	-11.3	12.8	3.92	-11.3	12.8	3.89	-11.3	12.9	3.87	-11.4	
		120	12.8	4.14	-11.0	12.9	4.00	-11.1	13.1	3.92	-11.1	13.1	3.89	-11.1	13.2	3.87	-11.1	13.3	3.87	-11.1	
		150	13.1	4.08	-10.9	13.2	3.96	-10.9	13.4	3.89	-10.9	13.4	3.87	-10.9	13.5	3.86	-10.9	13.5	3.87	-10.9	
	-5	80	14.2	4.00	-6.83	14.3	3.94	-6.86	14.4	3.91	-6.88	14.4	3.91	-6.89	14.5	3.92	-6.89	14.5	3.96	-6.88	
		96	14.6	3.96	-6.58	14.7	3.91	-6.60	14.7	3.90	-6.62	14.8	3.90	-6.62	14.8	3.92	-6.62	14.8	3.97	-6.61	
		120	15.0	3.93	-6.32	15.1	3.89	-6.33	15.1	3.89	-6.34	15.1	3.90	-6.34	15.1	3.92	-6.34	15.1	3.99	-6.33	
		150	15.3	3.90	-6.09	15.4	3.88	-6.10	15.4	3.89	-6.10	15.4	3.90	-6.10	15.4	3.93	-6.10	15.4	4.00	-6.09	
	0	80	16.4	3.92	-2.23	16.4	3.93	-2.24	16.5	3.97	-2.24	16.4	4.00	-2.23	16.4	4.04	-2.22	16.4	4.13	-2.19	
		96	16.8	3.92	-1.92	16.8	3.94	-1.92	16.8	3.98	-1.92	16.8	4.02	-1.91	16.8	4.06	-1.90	16.7	4.16	-1.87	
		120	17.2	3.91	-1.59	17.2	3.94	-1.59	17.2	4.00	-1.58	17.2	4.03	-1.57	17.2	4.08	-1.56	17.1	4.19	-1.54	
		150	17.5	3.91	-1.30	17.6	3.95	-1.30	17.5	4.01	-1.29	17.5	4.05	-1.29	17.5	4.10	-1.28	17.4	4.21	-1.26	
	5	80	18.6	3.99	2.38	18.6	4.05	2.39	18.6	4.13	2.41	18.5	4.18	2.43	18.5	4.23	2.45	18.4	4.36	2.49	
		96	19.0	4.00	2.75	19.0	4.06	2.77	18.9	4.15	2.79	18.9	4.20	2.80	18.9	4.26	2.82	18.7	4.39	2.86	
		120	19.5	4.01	3.15	19.5	4.09	3.16	19.4	4.18	3.18	19.3	4.23	3.20	19.3	4.29	3.21	19.2	4.42	3.24	
		150	19.9	4.03	3.49	19.8	4.10	3.50	19.7	4.20	3.52	19.7	4.25	3.53	19.6	4.32	3.54	19.5	4.45	3.56	
	10	80	20.9	4.13	6.99	20.9	4.22	7.02	20.8	4.33	7.06	20.7	4.39	7.08	20.6	4.46	7.10	20.5	4.60	7.16	
		96	21.4	4.16	7.43	21.3	4.25	7.46	21.2	4.36	7.49	21.1	4.43	7.51	21.0	4.49	7.53	20.9	4.64	7.58	
		120	21.9	4.18	7.89	21.8	4.28	7.91	21.6	4.40	7.94	21.6	4.46	7.96	21.5	4.53	7.97	21.3	4.68	8.01	
		150	22.2	4.20	8.28	22.1	4.31	8.30	22.0	4.42	8.32	21.9	4.49	8.33	21.9	4.56	8.35	21.7	4.71	8.38	
	15	80	23.3	4.32	11.6	23.2	4.43	11.6	23.0	4.56	11.7	23.0	4.63	11.7	22.9	4.70	11.7	21.8	4.42	11.9	
		96	23.8	4.35	12.1	23.6	4.47	12.1	23.5	4.59	12.2	23.4	4.66	12.2	23.3	4.73	12.2	21.8	4.28	12.4	
		120	24.3	4.39	12.6	24.2	4.50	12.7	24.0	4.63	12.7	23.9	4.70	12.7	23.4	4.56	12.8	21.8	4.12	12.9	
		150	24.7	4.42	13.1	24.6	4.53	13.1	24.4	4.66	13.1	24.2	4.66	13.1	23.4	4.44	13.2	21.8	4.01	13.3	
	20	80	25.8	4.53	16.2	25.6	4.65	16.2	25.0	4.59	16.3	24.2	4.38	16.5	23.4	4.17	16.6	21.8	3.78	16.8	
		96	26.3	4.57	16.8	26.1	4.69	16.8	25.0	4.43	16.9	24.2	4.24	17.0	23.4	4.04	17.1	21.8	3.66	17.3	
		120	26.9	4.61	17.3	26.6	4.67	17.4	25.0	4.28	17.5	24.2	4.08	17.6	23.4	3.89	17.7	21.8	3.53	17.8	
		150	27.3	4.63	17.8	26.6	4.54	17.9	25.0	4.16	18.0	24.2	3.97	18.1	23.4	3.79	18.1	21.8	3.44	18.2	
	25	80	28.2	4.67	20.8	26.6	4.29	21.0	25.0	3.93	21.2	24.2	3.76	21.3	23.4	3.59	21.5	21.8	3.26	21.7	
		96	28.2	4.52	21.5	26.6	4.15	21.6	25.0	3.81	21.8	24.2	3.64	21.9	23.4	3.48	22.0	21.8	3.16	22.2	
		120	28.2	4.35	22.2	26.6	4.00	22.3	25.0	3.67	22.5	24.2	3.51	22.5	23.4	3.35	22.6	21.8	3.05	22.8	
		150	28.2	4.23	22.7	26.6	3.89	22.8	25.0	3.57	23.0	24.2	3.42	23.0	23.4	3.27	23.1	21.8	2.97	23.2	
	30	80	28.2	4.02	25.7	26.6	3.70	25.9	25.0	3.40	26.1	24.2	3.26	26.2	23.4	3.11	26.4	21.8	2.84	26.6	
		96	28.2	3.89	26.4	26.6	3.59	26.6	25.0	3.30	26.8	24.2	3.16	26.9	23.4	3.02	27.0	21.8	2.75	27.2	
		120	28.2	3.75	27.1	26.6	3.46	27.2	25.0	3.18	27.4	24.2	3.05	27.5	23.4	2.92	27.6	21.8	2.66	27.7	
		150	28.2	3.65	27.7	26.6	3.37	27.8	25.0	3.10	27.9	24.2	2.97	28.0	23.4	2.84	28.0	21.8	2.60	28.2	
	35	80	28.2	3.49	30.6	26.6	3.22	30.8	25.0	2.97	31.1	24.2	2.84	31.2	23.4	2.72	31.3	21.8	2.49	31.5	
		96	28.2	3.38	31.3	26.6	3.12	31.5	25.0	2.88	31.7	24.2	2.76	31.8	23.4	2.65	31.9	21.8	2.42	32.1	
		120	28.2	3.26	32.0	26.6	3.02	32.2	25.0	2.78	32.3	24.2	2.67	32.4	23.4	2.56	32.5	21.8	2.34	32.7	
		150	28.2	3.17	32.6	26.6	2.94	32.7	25.0	2.71	32.9	24.2	2.60	32.9	23.4	2.49	33.0	21.8	2.29	33.1	
	40	80	28.2	3.05	35.5	26.6	2.82	35.7	25.0	2.61	36.0	24.2	2.50	36.1	23.4	2.40	36.2	21.8	2.20	36.5	
		96	28.2	2.96	36.2	26.6	2.74	36.4	25.0	2.53	36.6	24.2	2.43	36.8	23.4	2.34	36.9	21.8	2.14	37.1	
		120	28.2	2.86	37.0	26.6	2.65	37.1	25.0	2.45	37.3	24.2	2.36	37.4	23.4	2.26	37.5	21.8	2.08	37.6	
		150	28.2	2.78	37.6	26.6	2.58	37.7	25.0	2.39	37.8	24.2	2.30	37.9	23.4	2.21	38.0	21.8	2.03	38.1	
	45	80	28.2	2.68	40.4	26.6	2.49	40.7	25.0	2.31	40.9	24.2	2.22	41.1	23.4	2.13	41.2	21.8	1.96	41.4	
		96	28.2	2.61	41.2	26.6	2.42	41.4	25.0	2.25	41.6	24.2	2.16	41.7	23.4	2.08	41.8	21.8	1.91	42.0	
		120	28.2	2.52	41.9	26.6	2.35	42.1	25.0	2.18	42.3	24.2	2.09	42.4	23.4	2.01	42.4	21.8	1.86	42.6	
		150	28.2	2.46	42.5	26.6	2.29	42.7	25.0	2.12	42.8	24.2	2.04	42.9	23.4	1.97	43.0	21.8	1.81	43.1	
90	-10	80	12.4	4.02	-11.5	12.5	3.94	-11.5	12.6	3.89	-11.6	12.6	3.88	-11.6	12.7	3.88	-11.6	12.7	3.92	-11.6	
		96	12.7	3.98	-11.3	12.8	3.91	-11.3	12.9	3.88	-11.3	12.9	3.87	-11.4	12.9	3.88	-11.4	12.9	3.92	-11.3	
		120	13.1	3.93	-11.1	13.2	3.88	-11.1	13.2	3.86	-11.1	13.3	3.87	-11.1	13.3	3.88	-11.1	13.3	3.94	-11.1	
		150	13.3	3.90	-10.9	13.4	3.86	-10.9	13.5	3.86	-10.9	13.5	3.87	-10.9	13.5	3.88	-10.9	13.5	3.95	-10.9	
	-5	80	14.4	3.91	-6.88	14.4	3.91	-6.89	14.5	3.94	-6.89	14.5	3.96	-6.88	14.5	3.99	-6.87	14.4	4.08	-6.85	
		96	14.7	3.90	-6.62	14.8	3.91	-6.62	14.8	3.94	-6.62	14.8	3.97	-6.61	14.8	4.01	-6.61	14.7	4.10	-6.58	
		120	15.1	3.89	-6.34	15.1	3.91	-6.34	15.1	3.95	-6.34	15.1	3.99	-6.33	15.1	4.03	-6.32	15.1	4.13	-6.31	
		150	15.4	3.88	-6.10	15.4	3.91	-6.10	15.4	3.96	-6.09	15.4	4.00	-6.09	15.4	4.04	-6.08	15.3	4.15	-6.07	
	0	80	16.5	3.96	-2.24	16.4	4.01	-2.23	16.4	4.09	-2.21	16.4	4.13	-2.19	16.3	4.19	-2.18	16.3	4.31	-2.14	
		96	16.8	3.97	-1.92	16.8	4.03	-1.91	16.7	4.11	-1.89	16.7	4.16	-1.87	16.7	4.21	-1.86	16.6	4.34	-1.83	
		120	17.2	3.98	-1.58	17.2	4.05	-1.57	17.1	4.14	-1.55	17.1	4.19	-1.54	17.1	4.24	-1.53	16.9	4.37	-1.50	
		150	17.5	3.99	-1.29	17.5	4.06	-1.28	17.4	4.15	-1.27	17.4	4.21	-1.26	17.3	4.27	-1.25	17.2	4.40	-1.23	
	5	80	18.6	4.11	2.41	18.5	4.19	2.43	18.4	4.30	2.47	18.4	4.36	2.49	18.3	4.42	2.51	18.2	4.56	2.56	
		96	19.0	4.13	2.78	18.9	4.22	2.81	18.8	4.33	2.84	18.7	4.39	2.86	18.7	4.46	2.88	18.5	4.60	2.92	
		120	19.4	4.15	3.18	19.3	4.25	3.20	19.2	4.36	3.23	19.2	4.43	3.24	19.1	4.49	3.26	18.9	4.64	3.29	
		150	19.7	4.17	3.51	19.7	4.27	3.53	19.5	4.39	3.55	19.5	4.45	3.56	19.4	4.52	3.58	19.2	4.67	3.61	
	10	80	20.8	4.31	7.05	20.7	4.41	7.09	20.5	4.54	7.13	20.5	4.60	7.16	20.4	4.67	7.18	19.6	4.49	7.29	
		96	21.2	4.33	7.48	21.1	4.45	7.52	20.9	4.57	7.56	20.9	4.64	7.58	20.8	4.71	7.60	19.6	4.34	7.72	
		120	21.7	4.37	7.93	21.6	4.48	7.96	21.4	4.61	7.99	21.3	4.68	8.01	21.1	4.63	8.04	19.6	4.19	8.16	
		150	22.0	4.39	8.31	21.9	4.51	8.34	21.8	4.64	8.36	21.7	4.71	8.38	21.1	4.50	8.42	19.6	4.07	8.52	
	15	80	23.1	4.53	11.7	22.9	4.65	11.7	22.5	4.63	11.8	21.8	4.42	11.9	21.1	4.21	12.0	19.6	3.81	12.2	
		96	23.5	4.56	12.2	23.4	4.68	12.2	22.5	4.48	12.3	21.8	4.28	12.4	21.1	4.08	12.5	19.6	3.70	12.6	
		120	24.0	4.60	12.7	23.9	4.72	12.7	22.5	4.32	12.8	21.8	4.12	12.9	21.1	3.93	13.0	19.6	3.56	13.1	
		150	24.4	4.63	13.1	23.9	4.59	13.2	22.5	4.20	13.3	21.8	4.01	13.3	21.1	3.82	13.4	19.6	3.47	13.5	
	20	80	25.4	4.69	16.3	23.9	4.31	16.5	22.5	3.95	16.7	21.8	3.78	16.8	21.1	3.61	16.9	19.6	3.28	17.1	
		96	25.4	4.54	16.9	23.9	4.18	17.0	22.5	3.83	17.2	21.8	3.66	17.3	21.1	3.49	17.4	19.6	3.18	17.5	
		120	25.4	4.37	17.5	23.9	4.02	17.6	22.5	3.69	17.8	21.8	3.53	17.8	21.1	3.37	17.9	19.6	3.07	18.0	
		150	25.4	4.25	18.0	23.9	3.91	18.1	22.5	3.59	18.2	21.8	3.43	18.2	21.1	3.28	18.3	19.6	2.99	18.4	
	25	80	25.4	4.02	21.2	23.9	3.70	21.4	22.5	3.40	21.6	21.8	3.26	21.7	21.1	3.12	21.8	19.6	2.84	22.0	
		96	25.4	3.89	21.8	23.9	3.59	22.0	22.5	3.30	22.1	21.8	3.16	22.2	21.1	3.02	22.3	19.6	2.76	22.5	
		120	25.4	3.75	22.4	23.9	3.46	22.6	22.5	3.18	22.7	21.8	3.05	22.8	21.1	2.92	22.8	19.6	2.67	23.0	
		150	25.4	3.65	22.9	23.9	3.37	23.0	22.5	3.10	23.1	21.8	2.97	23.2	21.1	2.84	23.3	19.6	2.60	23.4	
	30	80	25.4	3.47	26.1	23.9	3.21	26.3	22.5	2.96	26.5	21.8	2.84	26.6	21.1	2.72	26.7	19.6	2.49	26.9	
		96	25.4	3.37	26.7	23.9	3.11	26.9	22.5	2.87	27.1	21.8	2.75	27.2	21.1	2.64	27.3	19.6	2.42	27.4	
		120	25.4	3.25	27.4	23.9	3.01	27.5	22.5	2.77	27.6	21.8	2.66	27.7	21.1	2.55	27.8	19.6	2.34	27.9	
		150	25.4	3.16	27.9	23.9	2.93	28.0	22.5	2.70	28.1	21.8	2.59	28.2	21.1	2.49	28.2	19.6	2.28	28.3	
	35	80	25.4	3.03	31.0	23.9	2.81	31.2	22.5	2.59	31.4	21.8	2.49	31.5	21.1	2.39	31.7	19.6	2.19	31.9	
		96	25.4	2.94	31.6	23.9	2.72	31.8	22.5	2.52	32.0	21.8	2.42	32.1	21.1	2.32	32.2	19.6	2.13	32.4	
		120	25.4	2.84	32.3	23.9	2.63	32.5	22.5	2.44	32.6	21.8	2.34	32.7	21.1	2.25	32.8	19.6	2.07	32.9	
		150	25.4	2.77	32.8	23.9	2.57	33.0	22.5	2.38	33.1	21.8	2.29	33.1	21.1	2.20	33.2	19.6	2.02	33.3	
	40	80	25.4	2.66	35.9	23.9	2.47	36.2	22.5	2.29	36.4	21.8	2.20	36.5	21.1	2.12	36.6	19.6	1.95	36.8	
		96	25.4	2.58	36.6	23.9	2.40	36.8	22.5	2.23	37.0	21.8	2.14	37.1	21.1	2.06	37.2	19.6	1.90	37.4	
		120	25.4	2.50	37.3	23.9	2.33	37.4	22.5	2.16	37.6	21.8	2.08	37.6	21.1	2.00	37.7	19.6	1.84	37.9	
		150	25.4	2.44	37.8	23.9	2.27	37.9	22.5	2.11	38.1	21.8	2.03	38.1	21.1	1.95	38.2	19.6	1.80	38.3	
	45	80	25.4	2.35	40.9	23.9	2.19	41.1	22.5	2.04	41.3	21.8	1.96	41.5	21.1	1.89	41.6	19.6	1.75	41.8	
		96	25.4	2.29	41.6	23.9	2.13	41.7	22.5	1.98	41.9	21.8	1.91	42.0	21.1	1.84	42.1	19.6	1.70	42.3	
		120	25.4	2.22	42.2	23.9	2.07	42.4	22.5	1.92	42.5	21.8	1.85	42.6	21.1	1.79	42.7	19.6	1.65	42.9	
		150	25.4	2.16	42.8	23.9	2.02	42.9	22.5	1.88	43.0	21.8	1.81	43.1	21.1	1.75	43.2	19.6	1.62	43.3	

CA08A579A

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

1 Capacity tables with 40% glycol
Leistungstabellen mit 40 % Glykol
Πίνακες αποδόσεων με 40% γλυκόλη
Tablas de capacidad con un 40% de glicol
Tableaux de puissance (glycol 40 %)
Tabelle delle capacitü (40% glicole)
Capaciteitstabellen met 40% glycol
РЯнбкет брпдьуещн ме 40% глхкьлз
%40 glikollu kapasite tabloları

4 Capacity tables

4 - 5 Heating capacity tables with brine (40%)

RWEYQ8PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
80	-10	80	12.6	3.89	-11.6	12.6	3.88	-11.6	12.7	3.90	-11.6	12.7	3.93	-11.6	12.7	3.95	-11.6	12.6	4.04	-11.5
		96	12.9	3.88	-11.3	12.9	3.88	-11.4	12.9	3.91	-11.4	12.9	3.93	-11.3	12.9	3.97	-11.3	12.9	4.06	-11.3
		120	13.2	3.86	-11.1	13.3	3.88	-11.1	13.3	3.92	-11.1	13.3	3.95	-11.1	13.3	3.99	-11.1	13.2	4.08	-11.1
		150	13.5	3.86	-10.9	13.5	3.88	-10.9	13.5	3.93	-10.9	13.5	3.96	-10.9	13.5	4.00	-10.9	13.4	4.10	-10.9
	-5	80	14.5	3.93	-6.89	14.5	3.98	-6.88	14.4	4.05	-6.86	14.4	4.10	-6.85	14.4	4.15	-6.83	14.3	4.27	-6.80
		96	14.8	3.94	-6.62	14.8	4.00	-6.61	14.7	4.07	-6.59	14.7	4.12	-6.58	14.7	4.18	-6.57	14.6	4.30	-6.54
		120	15.1	3.95	-6.34	15.1	4.01	-6.33	15.1	4.10	-6.31	15.0	4.15	-6.30	15.0	4.21	-6.29	14.9	4.33	-6.26
		150	15.4	3.96	-6.10	15.4	4.03	-6.09	15.3	4.12	-6.07	15.3	4.17	-6.06	15.3	4.23	-6.05	15.2	4.36	-6.03
	0	80	16.4	4.08	-2.21	16.4	4.17	-2.18	16.3	4.27	-2.15	16.2	4.33	-2.13	16.2	4.40	-2.11	16.1	4.54	-2.06
		96	16.7	4.10	-1.89	16.7	4.20	-1.86	16.6	4.30	-1.84	16.6	4.36	-1.82	16.5	4.43	-1.80	16.4	4.57	-1.76
		120	17.1	4.13	-1.55	17.1	4.23	-1.53	17.0	4.34	-1.51	16.9	4.40	-1.50	16.9	4.46	-1.48	16.7	4.61	-1.45
		150	17.4	4.15	-1.27	17.4	4.25	-1.25	17.3	4.36	-1.23	17.2	4.42	-1.22	17.1	4.49	-1.21	17.0	4.64	-1.18
	5	80	18.4	4.29	2.47	18.3	4.40	2.50	18.2	4.52	2.55	18.2	4.59	2.57	18.1	4.66	2.60	17.4	4.50	2.68
		96	18.8	4.32	2.84	18.7	4.43	2.87	18.6	4.56	2.91	18.5	4.63	2.93	18.4	4.70	2.95	17.4	4.35	3.05
		120	19.2	4.36	3.22	19.1	4.47	3.25	19.0	4.60	3.28	18.9	4.67	3.30	18.7	4.64	3.32	17.4	4.19	3.42
		150	19.5	4.38	3.55	19.4	4.50	3.57	19.3	4.63	3.60	19.2	4.69	3.61	18.7	4.51	3.64	17.4	4.08	3.72
	10	80	20.6	4.53	7.13	20.4	4.65	7.18	20.0	4.62	7.24	19.4	4.41	7.32	18.7	4.20	7.40	17.4	3.80	7.56
		96	20.9	4.56	7.55	20.8	4.69	7.59	20.0	4.47	7.68	19.4	4.27	7.75	18.7	4.07	7.81	17.4	3.68	7.95
		120	21.4	4.60	7.99	21.3	4.71	8.02	20.0	4.30	8.13	19.4	4.11	8.18	18.7	3.92	8.23	17.4	3.55	8.34
		150	21.8	4.63	8.36	21.3	4.57	8.40	20.0	4.18	8.49	19.4	4.00	8.53	18.7	3.81	8.58	17.4	3.46	8.67
	15	80	22.6	4.65	11.8	21.3	4.28	12.0	20.0	3.92	12.1	19.4	3.75	12.2	18.7	3.58	12.3	17.4	3.25	12.5
		96	22.6	4.50	12.3	21.3	4.14	12.4	20.0	3.80	12.6	19.4	3.63	12.7	18.7	3.47	12.7	17.4	3.15	12.9
		120	22.6	4.34	12.8	21.3	3.99	12.9	20.0	3.66	13.0	19.4	3.50	13.1	18.7	3.35	13.2	17.4	3.05	13.3
		150	22.6	4.21	13.2	21.3	3.88	13.3	20.0	3.56	13.4	19.4	3.41	13.5	18.7	3.26	13.5	17.4	2.97	13.6
	20	80	22.6	3.97	16.7	21.3	3.66	16.8	20.0	3.36	17.0	19.4	3.22	17.1	18.7	3.08	17.2	17.4	2.81	17.4
		96	22.6	3.84	17.2	21.3	3.55	17.4	20.0	3.26	17.5	19.4	3.12	17.6	18.7	2.99	17.7	17.4	2.73	17.8
		120	22.6	3.71	17.7	21.3	3.42	17.9	20.0	3.15	18.0	19.4	3.02	18.0	18.7	2.89	18.1	17.4	2.64	18.2
		150	22.6	3.60	18.2	21.3	3.33	18.3	20.0	3.07	18.4	19.4	2.94	18.4	18.7	2.81	18.5	17.4	2.57	18.6
	25	80	22.6	3.42	21.6	21.3	3.16	21.8	20.0	2.91	21.9	19.4	2.79	22.0	18.7	2.68	22.1	17.4	2.45	22.3
		96	22.6	3.31	22.1	21.3	3.07	22.3	20.0	2.83	22.4	19.4	2.71	22.5	18.7	2.60	22.6	17.4	2.38	22.8
		120	22.6	3.20	22.7	21.3	2.96	22.8	20.0	2.73	22.9	19.4	2.62	23.0	18.7	2.51	23.1	17.4	2.31	23.2
		150	22.6	3.11	23.1	21.3	2.88	23.2	20.0	2.66	23.3	19.4	2.56	23.4	18.7	2.45	23.4	17.4	2.25	23.6
	30	80	22.6	2.97	26.5	21.3	2.75	26.7	20.0	2.55	26.9	19.4	2.45	27.0	18.7	2.35	27.1	17.4	2.16	27.3
		96	22.6	2.88	27.1	21.3	2.67	27.2	20.0	2.47	27.4	19.4	2.38	27.5	18.7	2.28	27.5	17.4	2.10	27.7
		120	22.6	2.79	27.6	21.3	2.59	27.8	20.0	2.39	27.9	19.4	2.30	28.0	18.7	2.21	28.0	17.4	2.03	28.2
		150	22.6	2.71	28.1	21.3	2.52	28.2	20.0	2.34	28.3	19.4	2.25	28.4	18.7	2.16	28.4	17.4	1.99	28.5
	35	80	22.6	2.60	31.4	21.3	2.42	31.6	20.0	2.25	31.8	19.4	2.16	31.9	18.7	2.08	32.0	17.4	1.91	32.2
		96	22.6	2.53	32.0	21.3	2.35	32.2	20.0	2.18	32.3	19.4	2.10	32.4	18.7	2.02	32.5	17.4	1.86	32.7
		120	22.6	2.45	32.6	21.3	2.28	32.7	20.0	2.12	32.9	19.4	2.04	32.9	18.7	1.96	33.0	17.4	1.81	33.1
		150	22.6	2.39	33.1	21.3	2.22	33.2	20.0	2.07	33.3	19.4	1.99	33.3	18.7	1.92	33.4	17.4	1.77	33.5
	40	80	22.6	2.30	36.4	21.3	2.14	36.6	20.0	1.99	36.8	19.4	1.92	36.9	18.7	1.85	37.0	17.4	1.71	37.2
		96	22.6	2.24	37.0	21.3	2.09	37.1	20.0	1.94	37.3	19.4	1.87	37.4	18.7	1.80	37.5	17.4	1.67	37.6
		120	22.6	2.17	37.6	21.3	2.02	37.7	20.0	1.88	37.8	19.4	1.82	37.9	18.7	1.75	38.0	17.4	1.62	38.1
		150	22.6	2.11	38.0	21.3	1.98	38.2	20.0	1.84	38.3	19.4	1.78	38.3	18.7	1.71	38.4	17.4	1.59	38.5
	45	80	22.6	2.05	41.3	21.3	1.91	41.5	20.0	1.78	41.7	19.4	1.72	41.8	18.7	1.66	41.9	17.4	1.54	42.2
		96	22.6	1.99	41.9	21.3	1.86	42.1	20.0	1.74	42.3	19.4	1.68	42.4	18.7	1.62	42.4	17.4	1.50	42.6
		120	22.6	1.93	42.5	21.3	1.81	42.7	20.0	1.69	42.8	19.4	1.63	42.9	18.7	1.57	43.0	17.4	1.46	43.1
		150	22.6	1.89	43.0	21.3	1.77	43.1	20.0	1.65	43.2	19.4	1.60	43.3	18.7	1.54	43.4	17.4	1.43	43.5
70	-10	80	12.7	3.91	-11.6	12.7	3.96	-11.6	12.6	4.03	-11.5	12.6	4.08	-11.5	12.6	4.13	-11.5	12.5	4.25	-11.5
		96	12.9	3.92	-11.3	12.9	3.97	-11.3	12.9	4.05	-11.3	12.9	4.10	-11.3	12.9	4.15	-11.3	12.8	4.27	-11.3
		120	13.3	3.93	-11.1	13.2	3.99	-11.1	13.2	4.08	-11.1	13.2	4.13	-11.1	13.1	4.18	-11.1	13.1	4.31	-11.0
		150	13.5	3.94	-10.9	13.5	4.01	-10.9	13.4	4.10	-10.9	13.4	4.15	-10.9	13.4	4.20	-10.9	13.3	4.33	-10.9
	-5	80	14.4	4.07	-6.85	14.4	4.16	-6.83	14.3	4.26	-6.80	14.3	4.32	-6.78	14.2	4.38	-6.76	14.1	4.53	-6.72
		96	14.7	4.09	-6.59	14.7	4.18	-6.56	14.6	4.29	-6.54	14.5	4.35	-6.52	14.5	4.42	-6.51	14.4	4.56	-6.47
		120	15.1	4.12	-6.31	15.0	4.21	-6.29	14.9	4.33	-6.27	14.9	4.39	-6.25	14.8	4.45	-6.24	14.7	4.60	-6.21
		150	15.3	4.14	-6.07	15.3	4.24	-6.05	15.2	4.35	-6.03	15.1	4.41	-6.02	15.1	4.48	-6.01	14.9	4.63	-5.99
	0	80	16.3	4.30	-2.14	16.2	4.41	-2.11	16.1	4.53	-2.07	16.0	4.60	-2.05	15.9	4.67	-2.02	15.3	4.43	-1.94
		96	16.6	4.33	-1.83	16.5	4.44	-1.80	16.4	4.56	-1.76	16.3	4.63	-1.75	16.3	4.70	-1.72	15.3	4.29	-1.64
		120	17.0	4.36	-1.50	16.9	4.47	-1.48	16.7	4.60	-1.45	16.7	4.67	-1.43	16.4	4.57	-1.41	15.3	4.13	-1.33
		150	17.2	4.39	-1.23	17.1	4.50	-1.21	17.0	4.63	-1.18	16.9	4.66	-1.17	16.4	4.44	-1.14	15.3	4.01	-1.07
	5	80	18.2	4.55	2.56	18.1	4.67	2.60	17.5	4.52	2.68	16.9	4.32	2.74	16.4	4.12	2.80	15.3	3.73	2.94
		96	18.5	4.58	2.92	18.4	4.71	2.95	17.5	4.38	3.04	16.9	4.18	3.10	16.4	3.99	3.15	15.3	3.61	3.26
		120	19.0	4.62	3.29	18.6	4.61	3.33	17.5	4.22	3.41	16.9	4.03	3.46	16.4	3.84	3.50	15.3	3.48	3.59
		150	19.3	4.65	3.60	18.6	4.48	3.65	17.5	4.10	3.72	16.9	3.92	3.76	16.4	3.74	3.79	15.3	3.39	3.87
	10	80	19.8	4.54	7.27	18.6	4.17	7.41	17.5	3.82	7.55	16.9	3.66	7.62	16.4	3.49	7.69	15.3	3.18	7.84
		96	19.8	4.39	7.71	18.6	4.04	7.82	17.5	3.71	7.94	16.9	3.54	8.00	16.4	3.39	8.06	15.3	3.08	8.18
		120	19.8	4.23	8.15	18.6	3.89	8.24	17.5	3.57	8.34	16.9	3.42	8.39	16.4	3.27	8.43	15.3	2.97	8.53
		150	19.8	4.11	8.51	18.6	3.79	8.58	17.5	3.48	8.66	16.9	3.33	8.70	16.4	3.18	8.74	15.3	2.90	8.82
	15	80	19.8	3.85	12.2	18.6	3.55	12.3	17.5	3.27	12.5	16.9	3.13	12.5	16.4	3.00	12.6	15.3	2.73	12.8
		96	19.8	3.73	12.6	18.6	3.45	12.7	17.5	3.17	12.9	16.9	3.04	12.9	16.4	2.91	13.0	15.3	2.65	13.1
		120	19.8	3.60	13.1	18.6	3.32	13.2	17.5	3.06	13.3	16.9	2.93	13.3	16.4	2.81	13.4	15.3	2.57	13.5
		150	19.8	3.50	13.4	18.6	3.24	13.5	17.5	2.98	13.6	16.9	2.86	13.7	16.4	2.74	13.7	15.3	2.50	13.8
	20	80	19.8	3.31	17.1	18.6	3.06	17.2	17.5	2.82	17.4	16.9	2.71	17.5	16.4	2.60	17.5	15.3	2.38	17.7
		96	19.8	3.21	17.5	18.6	2.97	17.7	17.5	2.74	17.8	16.9	2.63	17.9	16.4	2.52	17.9	15.3	2.31	18.1
		120	19.8	3.10	18.0	18.6	2.87	18.1	17.5	2.65	18.2	16.9	2.54	18.3	16.4	2.44	18.3	15.3	2.24	18.4
		150	19.8	3.02	18.4	18.6	2.80	18.5	17.5	2.58	18.6	16.9	2.48	18.6	16.4	2.38	18.7	15.3	2.19	18.8
	25	80	19.8	2.87	22.0	18.6	2.66	22.1	17.5	2.46	22.3	16.9	2.37	22.4	16.4	2.27	22.5	15.3	2.09	22.6
		96	19.8	2.78	22.5	18.6	2.58	22.6	17.5	2.39	22.7	16.9	2.30	22.8	16.4	2.21	22.9	15.3	2.03	23.0
		120	19.8	2.69	23.0	18.6	2.50	23.1	17.5	2.32	23.2	16.9	2.23	23.2	16.4	2.14	23.3	15.3	1.97	23.4
		150	19.8	2.62	23.4	18.6	2.44	23.5	17.5	2.26	23.5	16.9	2.17	23.6	16.4	2.09	23.6	15.3	1.93	23.7
	30	80	19.8	2.51	26.9	18.6	2.33	27.1	17.5	2.17	27.3	16.9	2.09	27.3	16.4	2.01	27.4	15.3	1.85	27.6
		96	19.8	2.44	27.4	18.6	2.27	27.6	17.5	2.11	27.7	16.9	2.03	27.8	16.4	1.95	27.8	15.3	1.80	28.0
		120	19.8	2.36	27.9	18.6	2.20	28.0	17.5	2.04	28.2	16.9	1.97	28.2	16.4	1.90	28.3	15.3	1.75	28.4
		150	19.8	2.30	28.3	18.6	2.15	28.4	17.5	2.00	28.5	16.9	1.92	28.6	16.4	1.85	28.6	15.3	1.71	28.7
	35	80	19.8	2.21	31.9	18.6	2.06	32.0	17.5	1.92	32.2	16.9	1.85	32.3	16.4	1.79	32.4	15.3	1.65	32.6
		96	19.8	2.15	32.4	18.6	2.01	32.5	17.5	1.87	32.7	16.9	1.81	32.7	16.4	1.74	32.8	15.3	1.61	33.0
		120	19.8	2.09	32.9	18.6	1.95	33.0	17.5	1.82	33.1	16.9	1.75	33.2	16.4	1.69	33.2	15.3	1.57	33.4
		150	19.8	2.04	33.3	18.6	1.90	33.4	17.5	1.78	33.5	16.9	1.72	33.5	16.4	1.65	33.6	15.3	1.54	33.7
	40	80	19.8	1.97	36.8	18.6	1.84	37.0	17.5	1.72	37.2	16.9	1.66	37.3	16.4	1.60	37.4	15.3	1.49	37.5
		96	19.8	1.91	37.3	18.6	1.79	37.5	17.5	1.68	37.6	16.9	1.62	37.7	16.4	1.56	37.8	15.3	1.45	37.9
		120	19.8	1.86	37.9	18.6	1.74	38.0	17.5	1.63	38.1	16.9	1.57	38.2	16.4	1.52	38.2	15.3	1.42	38.3
		150	19.8	1.82	38.3	18.6	1.70	38.4	17.5	1.59	38.5	16.9	1.54	38.5	16.4	1.49	38.6	15.3	1.39	38.7
	45	80	19.8	1.76	41.8	18.6	1.65	42.0	17.5	1.55	42.1	16.9	1.50	42.2	16.4	1.45	42.3	15.3	1.35	42.5
		96	19.8	1.72	42.3	18.6	1.61	42.5	17.5	1.51	42.6	16.9	1.46	42.7	16.4	1.41	42.8	15.3	1.32	42.9
		120	19.8	1.67	42.8	18.6	1.57	43.0	17.5	1.47	43.1	16.9	1.42	43.1	16.4	1.38	43.2	15.3	1.29	43.3
		150	19.8	1.63	43.3	18.6	1.53	43.4	17.5	1.44	43.5	16.9	1.39	43.5	16.4	1.35	43.6	15.3	1.26	43.7

CA08A579A

4 Capacity tables

4 - 5 Heating capacity tables with brine (40%)

RWEYQ8PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CDB																		
			16.0			18.0			20.0			21.0			22.0			24.0			
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	
60	-10	80	12.6	4.08	-11.5	12.6	4.17	-11.5	12.5	4.28	-11.5	12.5	4.34	-11.5	12.4	4.40	-11.4	12.3	4.54	-11.4	
		96	12.9	4.10	-11.3	12.8	4.19	-11.3	12.8	4.31	-11.3	12.7	4.37	-11.2	12.7	4.43	-11.2	12.6	4.58	-11.2	
		120	13.2	4.13	-11.1	13.1	4.23	-11.1	13.0	4.34	-11.0	13.0	4.40	-11.0	13.0	4.47	-11.0	12.8	4.62	-11.0	
		150	13.4	4.15	-10.9	13.3	4.25	-10.9	13.3	4.37	-10.9	13.2	4.43	-10.8	13.2	4.50	-10.8	13.1	4.62	-10.8	
	-5	80	14.3	4.32	-6.78	14.2	4.43	-6.75	14.1	4.56	-6.71	14.0	4.63	-6.69	14.0	4.70	-6.66	13.1	4.25	-6.58	
		96	14.5	4.35	-6.52	14.5	4.47	-6.49	14.4	4.59	-6.46	14.3	4.66	-6.44	14.0	4.56	-6.42	13.1	4.12	-6.34	
		120	14.9	4.39	-6.3	14.8	4.50	-6.2	14.7	4.63	-6.2	14.5	4.60	-6.2	14.0	4.39	-6.2	13.1	3.97	-6.1	
		150	15.1	4.41	-6.0	15.0	4.53	-6.0	14.9	4.66	-6.0	14.5	4.47	-6.0	14.0	4.26	-5.9	13.1	3.86	-5.9	
	0	80	16.0	4.60	-2.04	15.9	4.72	-2.00	15.0	4.33	-1.91	14.5	4.13	-1.86	14.0	3.94	-1.81	13.1	3.57	-1.70	
		96	16.3	4.63	-1.74	16.0	4.58	-1.70	15.0	4.19	-1.61	14.5	4.00	-1.57	14.0	3.81	-1.53	13.1	3.46	-1.44	
		120	16.7	4.67	-1.43	16.0	4.41	-1.38	15.0	4.03	-1.31	14.5	3.85	-1.27	14.0	3.68	-1.24	13.1	3.34	-1.16	
		150	16.9	4.66	-1.17	16.0	4.28	-1.12	15.0	3.92	-1.06	14.5	3.75	-1.03	14.0	3.58	-1.00	13.1	3.25	-0.94	
	5	80	16.9	4.31	2.74	16.0	3.97	2.85	15.0	3.64	2.97	14.5	3.49	3.02	14.0	3.33	3.08	13.1	3.03	3.20	
		96	16.9	4.18	3.10	16.0	3.85	3.19	15.0	3.53	3.29	14.5	3.38	3.34	14.0	3.23	3.39	13.1	2.94	3.49	
		120	16.9	4.02	3.46	16.0	3.71	3.54	15.0	3.41	3.62	14.5	3.26	3.66	14.0	3.12	3.70	13.1	2.84	3.78	
		150	16.9	3.91	3.76	16.0	3.61	3.82	15.0	3.32	3.88	14.5	3.18	3.92	14.0	3.04	3.95	13.1	2.77	4.02	
	10	80	16.9	3.65	7.62	16.0	3.37	7.74	15.0	3.11	7.87	14.5	2.98	7.93	14.0	2.85	8.00	13.1	2.60	8.12	
		96	16.9	3.54	8.00	16.0	3.27	8.11	15.0	3.01	8.21	14.5	2.89	8.26	14.0	2.77	8.32	13.1	2.53	8.43	
		120	16.9	3.42	8.39	16.0	3.16	8.47	15.0	2.91	8.56	14.5	2.79	8.60	14.0	2.67	8.64	13.1	2.45	8.73	
		150	16.9	3.32	8.70	16.0	3.08	8.77	15.0	2.84	8.84	14.5	2.72	8.87	14.0	2.61	8.91	13.1	2.39	8.98	
	15	80	16.9	3.13	12.5	16.0	2.90	12.7	15.0	2.68	12.8	14.5	2.57	12.9	14.0	2.46	12.9	13.1	2.26	13.1	
		96	16.9	3.03	12.9	16.0	2.81	13.0	15.0	2.60	13.1	14.5	2.50	13.2	14.0	2.40	13.3	13.1	2.20	13.4	
		120	16.9	2.93	13.3	16.0	2.72	13.4	15.0	2.52	13.5	14.5	2.42	13.6	14.0	2.32	13.6	13.1	2.13	13.7	
		150	16.9	2.86	13.7	16.0	2.65	13.7	15.0	2.45	13.8	14.5	2.36	13.8	14.0	2.26	13.9	13.1	2.08	14.0	
	20	80	16.9	2.71	17.5	16.0	2.51	17.6	15.0	2.33	17.7	14.5	2.24	17.8	14.0	2.15	17.9	13.1	1.98	18.0	
		96	16.9	2.63	17.9	16.0	2.44	18.0	15.0	2.27	18.1	14.5	2.18	18.2	14.0	2.10	18.2	13.1	1.93	18.3	
		120	16.9	2.54	18.3	16.0	2.37	18.4	15.0	2.20	18.5	14.5	2.11	18.5	14.0	2.03	18.6	13.1	1.88	18.7	
		150	16.9	2.48	18.6	16.0	2.31	18.7	15.0	2.14	18.8	14.5	2.06	18.8	14.0	1.99	18.8	13.1	1.83	18.9	
	25	80	16.9	2.36	22.4	16.0	2.20	22.5	15.0	2.05	22.7	14.5	1.97	22.8	14.0	1.90	22.8	13.1	1.76	23.0	
		96	16.9	2.30	22.8	16.0	2.14	22.9	15.0	2.00	23.1	14.5	1.92	23.1	14.0	1.85	23.2	13.1	1.71	23.3	
		120	16.9	2.23	23.2	16.0	2.08	23.3	15.0	1.94	23.4	14.5	1.87	23.5	14.0	1.80	23.5	13.1	1.67	23.6	
		150	16.9	2.17	23.6	16.0	2.03	23.7	15.0	1.89	23.7	14.5	1.82	23.8	14.0	1.76	23.8	13.1	1.63	23.9	
	30	80	16.9	2.08	27.3	16.0	1.95	27.5	15.0	1.82	27.6	14.5	1.75	27.7	14.0	1.69	27.8	13.1	1.57	27.9	
		96	16.9	2.03	27.8	16.0	1.90	27.9	15.0	1.77	28.0	14.5	1.71	28.1	14.0	1.65	28.2	13.1	1.53	28.3	
		120	16.9	1.97	28.2	16.0	1.84	28.3	15.0	1.72	28.4	14.5	1.66	28.5	14.0	1.60	28.5	13.1	1.49	28.6	
		150	16.9	1.92	28.6	16.0	1.80	28.6	15.0	1.68	28.7	14.5	1.63	28.8	14.0	1.57	28.8	13.1	1.46	28.9	
	35	80	16.9	1.85	32.3	16.0	1.74	32.5	15.0	1.63	32.6	14.5	1.57	32.7	14.0	1.52	32.8	13.1	1.42	32.9	
		96	16.9	1.81	32.7	16.0	1.69	32.9	15.0	1.59	33.0	14.5	1.53	33.1	14.0	1.48	33.1	13.1	1.38	33.3	
		120	16.9	1.75	33.2	16.0	1.65	33.3	15.0	1.54	33.4	14.5	1.49	33.4	14.0	1.44	33.5	13.1	1.35	33.6	
		150	16.9	1.71	33.5	16.0	1.61	33.6	15.0	1.51	33.7	14.5	1.46	33.8	14.0	1.41	33.8	13.1	1.32	33.9	
	40	80	16.9	1.66	37.3	16.0	1.56	37.4	15.0	1.47	37.6	14.5	1.42	37.7	14.0	1.37	37.7	13.1	1.28	37.9	
		96	16.9	1.62	37.7	16.0	1.52	37.8	15.0	1.43	38.0	14.5	1.39	38.0	14.0	1.34	38.1	13.1	1.26	38.2	
		120	16.9	1.57	38.2	16.0	1.48	38.3	15.0	1.39	38.4	14.5	1.35	38.4	14.0	1.31	38.5	13.1	1.22	38.6	
		150	16.9	1.54	38.5	16.0	1.45	38.6	15.0	1.37	38.7	14.5	1.32	38.7	14.0	1.28	38.8	13.1	1.20	38.9	
	45	80	16.9	1.50	42.2	16.0	1.41	42.4	15.0	1.33	42.6	14.5	1.29	42.6	14.0	1.25	42.7	13.1	1.17	42.9	
		96	16.9	1.46	42.7	16.0	1.38	42.8	15.0	1.30	43.0	14.5	1.26	43.0	14.0	1.22	43.1	13.1	1.15	43.2	
		120	16.9	1.42	43.1	16.0	1.34	43.3	15.0	1.27	43.4	14.5	1.23	43.4	14.0	1.19	43.5	13.1	1.12	43.6	
		150	16.9	1.39	43.5	16.0	1.32	43.6	15.0	1.24	43.7	14.5	1.21	43.7	14.0	1.17	43.8	13.1	1.10	43.9	
50	-10	80	12.4	4.39	-11.4	12.4	4.51	-11.4	12.3	4.63	-11.4	12.1	4.57	-11.3	11.7	4.35	-11.3	10.9	3.94	-11.2	
		96	12.7	4.42	-11.2	12.6	4.54	-11.2	12.5	4.64	-11.2	12.1	4.42	-11.1	11.7	4.21	-11.1	10.9	3.81	-11.1	
		120	13.0	4.46	-11.0	12.9	4.58	-11.0	12.5	4.46	-11.0	12.1	4.26	-10.9	11.7	4.06	-10.9	10.9	3.68	-10.9	
		150	13.2	4.49	-10.8	13.1	4.61	-10.8	12.5	4.34	-10.8	12.1	4.14	-10.8	11.7	3.95	-10.7	10.9	3.58	-10.7	
	-5	80	14.0	4.69	-6.67	13.3	4.36	-6.60	12.5	3.99	-6.52	12.1	3.81	-6.48	11.7	3.64	-6.44	10.9	3.31	-6.36	
		96	14.1	4.59	-6.42	13.3	4.22	-6.36	12.5	3.87	-6.29	12.1	3.69	-6.25	11.7	3.53	-6.22	10.9	3.21	-6.15	
		120	14.1	4.42	-6.16	13.3	4.06	-6.10	12.5	3.73	-6.05	12.1	3.56	-6.02	11.7	3.40	-5.99	10.9	3.10	-5.93	
		150	14.1	4.29	-5.94	13.3	3.95	-5.89	12.5	3.62	-5.85	12.1	3.47	-5.82	11.7	3.31	-5.80	10.9	3.01	-5.75	
	0	80	14.1	3.97	-1.82	13.3	3.66	-1.73	12.5	3.36	-1.64	12.1	3.22	-1.59	11.7	3.08	-1.54	10.9	2.81	-1.45	
		96	14.1	3.84	-1.53	13.3	3.54	-1.46	12.5	3.26	-1.38	12.1	3.12	-1.34	11.7	2.98	-1.30	10.9	2.72	-1.22	
		120	14.1	3.70	-1.24	13.3	3.42	-1.18	12.5	3.15	-1.12	12.1	3.01	-1.09	11.7	2.88	-1.05	10.9	2.63	-0.99	
		150	14.1	3.60	-1.00	13.3	3.33	-0.95	12.5	3.06	-0.90	12.1	2.94	-0.88	11.7	2.81	-0.85	10.9	2.57	-0.80	
	5	80	14.1	3.35	3.07	13.3	3.10	3.17	12.5	2.86	3.27	12.1	2.74	3.32	11.7	2.63	3.38	10.9	2.41	3.48	
		96	14.1	3.25	3.38	13.3	3.01	3.46	12.5	2.78	3.55	12.1	2.66	3.59	11.7	2.55	3.64	10.9	2.34	3.72	
		120	14.1	3.14	3.69	13.3	2.91	3.76	12.5	2.69	3.83	12.1	2.58	3.86	11.7	2.47	3.90	10.9	2.27	3.97	
		150	14.1	3.06	3.94	13.3	2.83	4.00	12.5	2.62	4.06	12.1	2.51	4.08	11.7	2.41	4.11	10.9	2.21	4.17	
	10	80	14.1	2.87	7.99	13.3	2.66	8.09	12.5	2.46	8.20	12.1	2.37	8.26	11.7	2.27	8.31	10.9	2.09	8.42	
		96	14.1	2.78	8.31	13.3	2.59	8.40	12.5	2.39	8.49	12.1	2.30	8.54	11.7	2.21	8.58	10.9	2.04	8.68	
		120	14.1	2.69	8.64	13.3	2.50	8.71	12.5	2.32	8.78	12.1	2.23	8.82	11.7	2.14	8.86	10.9	1.97	8.93	
		150	14.1	2.62	8.90	13.3	2.44	8.96	12.5	2.26	9.02	12.1	2.18	9.05	11.7	2.09	9.08	10.9	1.93	9.14	
	15	80	14.1	2.48	12.9	13.3	2.31	13.0	12.5	2.15	13.1	12.1	2.07	13.2	11.7	1.99	13.3	10.9	1.84	13.4	
		96	14.1	2.41	13.3	13.3	2.25	13.4	12.5	2.09	13.4	12.1	2.01	13.5	11.7	1.94	13.5	10.9	1.79	13.6	
		120	14.1	2.33	13.6	13.3	2.18	13.7	12.5	2.02	13.7	12.1	1.95	13.8	11.7	1.88	13.8	10.9	1.74	13.9	
		150	14.1	2.28	13.9	13.3	2.12	13.9	12.5	1.98	14.0	12.1	1.91	14.0	11.7	1.84	14.1	10.9	1.70	14.1	
	20	80	14.1	2.17	17.9	13.3	2.02	18.0	12.5	1.89	18.1	12.1	1.82	18.2	11.7	1.75	18.2	10.9	1.63	18.3	
		96	14.1	2.11	18.2	13.3	1.97	18.3	12.5	1.84	18.4	12.1	1.77	18.5	11.7	1.71	18.5	10.9	1.59	18.6	
		120	14.1	2.04	18.6	13.3	1.91	18.6	12.5	1.79	18.7	12.1	1.72	18.8	11.7	1.66	18.8	10.9	1.54	18.9	
		150	14.1	2.00	18.8	13.3	1.87	18.9	12.5	1.75	19.0	12.1	1.69	19.0	11.7	1.63	19.0	10.9	1.51	19.1	
	25	80	14.1	1.91	22.8	13.3	1.79	22.9	12.5	1.68	23.1	12.1	1.62	23.1	11.7	1.56	23.2	10.9	1.46	23.3	
		96	14.1	1.86	23.2	13.3	1.75	23.3	12.5	1.63	23.4	12.1	1.58	23.4	11.7	1.53	23.5	10.9	1.42	23.6	
		120	14.1	1.81	23.5	13.3	1.70	23.6	12.5	1.59	23.7	12.1	1.54	23.7	11.7	1.49	23.8	10.9	1.39	23.9	
		150	14.1	1.77	23.8	13.3	1.66	23.9	12.5	1.56	24.0	12.1	1.51	24.0	11.7	1.46	24.0	10.9	1.36	24.1	
	30	80	14.1	1.70	27.8	13.3	1.60	27.9	12.5	1.50	28.0	12.1	1.45	28.1	11.7	1.41	28.2	10.9	1.31	28.3	
		96	14.1	1.66	28.1	13.3	1.56	28.2	12.5	1.47	28.4	12.1	1.42	28.4	11.7	1.37	28.5	10.9	1.29	28.6	
		120	14.1	1.61	28.5	13.3	1.52	28.6	12.5	1.43	28.7	12.1	1.38	28.7	11.7	1.34	28.8	10.9	1.25	28.8	
		150	14.1	1.58	28.8	13.3	1.49	28.9	12.5	1.40	28.9	12.1	1.36	29.0	11.7	1.31	29.0	10.9	1.23	29.1	
	35	80	14.1	1.53	32.7	13.3	1.44	32.9	12.5	1.36	33.0	12.1	1.31	33.1	11.7	1.27	33.1	10.9	1.19	33.3	
		96	14.1	1.49	33.1	13.3	1.41	33.2	12.5	1.33	33.3	12.1	1.29	33.4	11.7	1.25	33.4	10.9	1.17	33.5	
		120	14.1	1.45	33.5	13.3	1.37	33.6	12.5	1.29	33.7	12.1	1.25	33.7	11.7	1.22	33.7	10.9	1.14	33.8	
		150	14.1	1.42	33.8	13.3	1.34	33.9	12.5	1.27	33.9	12.1	1.23	34.0	11.7	1.19	34.0	10.9	1.12	34.1	
	40	80	14.1	1.38	37.7	13.3	1.30	37.9	12.5	1.23	38.0	12.1	1.20	38.0	11.7	1.16	38.1	10.9	1.09	38.2	
		96	14.1	1.35	38.1	13.3	1.28	38.2	12.5	1.21	38.3	12.1	1.17	38.4	11.7	1.14	38.4	10.9	1.07	38.5	
		120	14.1	1.31	38.5	13.3	1.24	38.6	12.5	1.18	38.6	12.1	1.14	38.7	11.7	1.11	38.7	10.9	1.05	38.8	
		150	14.1	1.29	38.8	13.3	1.22	38.8	12.5	1.16	38.9	12.1	1.12	39.0	11.7	1.09	39.0	10.9	1.03	39.1	
	45	80	14.1	1.25	42.7	13.3	1.19	42.8	12.5	1.13	43.0	12.1	1.10	43.0	11.7	1.07	43.1	10.9	1.01	43.2	
		96	14.1	1.23	43.1	13.3	1.17	43.2	12.5	1.10	43.3	12.1	1.07	43.4	11.7	1.05	43.4	10.9	0.99	43.5	
		120	14.1	1.20	43.5	13.3	1.14	43.5	12.5	1.08	43.6	12.1	1.05	43.7	11.7	1.02	43.7	10.9	0.97	43.8	
		150	14.1	1.18	43.8	13.3	1.12	43.8	12.5	1.06	43.9	12.1	1.03	43.9	11.7	1.00	44.0	10.9	0.95	44.0	

CA08A579A

4 Capacity tables

4 - 5 Heating capacity tables with brine (40%)

RWEYQ10PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CDB																		
			16.0			18.0			20.0			21.0			22.0			24.0			
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	
100	-10	80	16.2	5.66	-11.9	16.4	5.49	-12.0	16.6	5.37	-12.0	16.6	5.33	-12.0	16.7	5.31	-12.0	16.8	5.31	-12.1	
		96	16.7	5.59	-11.7	16.9	5.44	-11.7	17.0	5.35	-11.7	17.1	5.32	-11.8	17.1	5.31	-11.8	17.2	5.33	-11.8	
		120	17.2	5.52	-11.4	17.4	5.40	-11.4	17.6	5.33	-11.5	17.6	5.32	-11.5	17.6	5.32	-11.5	17.7	5.36	-11.5	
		150	17.7	5.47	-11.2	17.9	5.37	-11.2	18.0	5.33	-11.2	18.0	5.32	-11.2	18.0	5.33	-11.2	18.1	5.39	-11.2	
	-5	80	18.7	5.43	-7.39	18.9	5.37	-7.42	19.0	5.37	-7.43	19.0	5.38	-7.44	19.0	5.41	-7.43	19.0	5.49	-7.42	
		96	19.3	5.40	-7.07	19.4	5.37	-7.09	19.4	5.38	-7.10	19.5	5.40	-7.10	19.5	5.44	-7.09	19.4	5.54	-7.07	
		120	19.9	5.39	-6.73	20.0	5.38	-6.74	20.0	5.41	-6.74	20.0	5.44	-6.74	20.0	5.48	-6.73	19.9	5.59	-6.71	
		150	20.3	5.39	-6.43	20.4	5.39	-6.43	20.4	5.43	-6.43	20.4	5.47	-6.43	20.4	5.52	-6.42	20.3	5.64	-6.41	
	0	80	21.4	5.42	-2.86	21.4	5.45	-2.86	21.4	5.52	-2.84	21.4	5.57	-2.83	21.3	5.63	-2.82	21.3	5.77	-2.77	
		96	21.9	5.44	-2.46	21.9	5.48	-2.45	21.9	5.56	-2.44	21.9	5.62	-2.43	21.8	5.68	-2.41	21.7	5.84	-2.37	
		120	22.5	5.46	-2.04	22.5	5.52	-2.03	22.5	5.62	-2.02	22.5	5.68	-2.00	22.4	5.75	-1.99	22.3	5.91	-1.96	
		150	23.0	5.48	-1.68	23.0	5.56	-1.67	23.0	5.66	-1.65	22.9	5.73	-1.64	22.9	5.80	-1.63	22.7	5.97	-1.60	
	5	80	24.0	5.56	1.70	24.0	5.66	1.72	23.9	5.78	1.75	23.8	5.85	1.78	23.8	5.93	1.80	23.6	6.11	1.86	
		96	24.6	5.61	2.17	24.5	5.71	2.19	24.4	5.84	2.22	24.4	5.91	2.24	24.3	6.00	2.27	24.2	6.18	2.32	
		120	25.3	5.66	2.66	25.2	5.77	2.68	25.1	5.91	2.71	25.0	5.99	2.73	24.9	6.07	2.75	24.8	6.27	2.79	
		150	25.8	5.70	3.08	25.7	5.82	3.10	25.6	5.96	3.13	25.5	6.05	3.14	25.4	6.14	3.16	25.2	6.33	3.19	
	10	80	26.7	5.80	6.25	26.6	5.93	6.29	26.5	6.09	6.35	26.4	6.18	6.38	26.3	6.27	6.41	26.1	6.47	6.48	
		96	27.3	5.86	6.79	27.2	6.00	6.83	27.1	6.16	6.88	27.0	6.25	6.90	26.9	6.34	6.93	26.7	6.55	7.00	
		120	28.1	5.93	7.36	27.9	6.08	7.39	27.8	6.24	7.43	27.7	6.33	7.45	27.6	6.43	7.48	27.3	6.64	7.53	
		150	28.6	5.99	7.84	28.5	6.14	7.87	28.3	6.31	7.90	28.2	6.40	7.92	28.1	6.50	7.94	27.5	6.51	8.00	
	15	80	29.5	6.10	10.8	29.4	6.25	10.9	29.2	6.43	10.9	29.1	6.52	11.0	28.9	6.62	11.0	27.5	6.19	11.2	
		96	30.2	6.17	11.4	30.0	6.33	11.5	29.8	6.51	11.5	29.7	6.60	11.6	29.5	6.67	11.6	27.5	5.96	11.8	
		120	30.9	6.25	12.1	30.7	6.41	12.1	30.5	6.60	12.1	30.4	6.69	12.2	29.5	6.39	12.2	27.5	5.72	12.4	
		150	31.5	6.31	12.6	31.3	6.48	12.6	31.1	6.66	12.7	30.5	6.53	12.7	29.5	6.19	12.8	27.5	5.55	12.9	
	20	80	32.4	6.41	15.3	32.2	6.59	15.4	31.5	6.57	15.5	30.5	6.24	15.7	29.5	5.92	15.8	27.5	5.31	16.0	
		96	33.1	6.49	16.0	32.9	6.67	16.1	31.5	6.30	16.2	30.5	6.02	16.3	29.5	5.71	16.5	27.5	5.12	16.7	
		120	33.9	6.58	16.7	33.5	6.69	16.8	31.5	6.07	17.0	30.5	5.77	17.0	29.5	5.48	17.1	27.5	4.92	17.3	
		150	34.6	6.65	17.3	33.5	6.48	17.4	31.5	5.88	17.6	30.5	5.59	17.6	29.5	5.31	17.7	27.5	4.78	17.8	
	25	80	35.4	6.74	19.9	33.5	6.23	20.1	31.5	5.66	20.4	30.5	5.38	20.5	29.5	5.11	20.6	27.5	4.60	20.9	
		96	35.5	6.58	20.7	33.5	6.00	20.9	31.5	5.46	21.1	30.5	5.19	21.2	29.5	4.94	21.3	27.5	4.44	21.6	
		120	35.5	6.31	21.5	33.5	5.76	21.7	31.5	5.24	21.9	30.5	4.99	22.0	29.5	4.74	22.0	27.5	4.28	22.2	
		150	35.5	6.11	22.2	33.5	5.58	22.3	31.5	5.08	22.5	30.5	4.84	22.6	29.5	4.60	22.6	27.5	4.15	22.8	
	30	80	35.5	5.90	24.7	33.5	5.40	25.0	31.5	4.91	25.2	30.5	4.68	25.4	29.5	4.46	25.5	27.5	4.02	25.8	
		96	35.5	5.69	25.5	33.5	5.21	25.8	31.5	4.75	26.0	30.5	4.52	26.1	29.5	4.31	26.2	27.5	3.89	26.5	
		120	35.5	5.47	26.4	33.5	5.00	26.6	31.5	4.56	26.8	30.5	4.35	26.9	29.5	4.14	27.0	27.5	3.75	27.2	
		150	35.5	5.30	27.1	33.5	4.85	27.3	31.5	4.43	27.4	30.5	4.22	27.5	29.5	4.02	27.6	27.5	3.64	27.7	
	35	80	35.5	5.15	29.6	33.5	4.72	29.8	31.5	4.31	30.1	30.5	4.11	30.3	29.5	3.92	30.4	27.5	3.55	30.7	
		96	35.5	4.97	30.4	33.5	4.56	30.7	31.5	4.16	30.9	30.5	3.97	31.0	29.5	3.79	31.2	27.5	3.43	31.4	
		120	35.5	4.78	31.3	33.5	4.38	31.5	31.5	4.01	31.7	30.5	3.83	31.8	29.5	3.65	31.9	27.5	3.31	32.1	
		150	35.5	4.63	32.0	33.5	4.25	32.2	31.5	3.89	32.4	30.5	3.72	32.4	29.5	3.55	32.5	27.5	3.22	32.7	
	40	80	35.5	4.52	34.4	33.5	4.15	34.7	31.5	3.80	35.0	30.5	3.63	35.2	29.5	3.47	35.3	27.5	3.15	35.6	
		96	35.5	4.37	35.3	33.5	4.02	35.6	31.5	3.68	35.8	30.5	3.52	36.0	29.5	3.36	36.1	27.5	3.06	36.4	
		120	35.5	4.20	36.3	33.5	3.87	36.5	31.5	3.55	36.7	30.5	3.39	36.8	29.5	3.24	36.9	27.5	2.95	37.1	
		150	35.5	4.08	37.0	33.5	3.76	37.2	31.5	3.45	37.3	30.5	3.30	37.4	29.5	3.15	37.5	27.5	2.87	37.7	
	45	80	35.5	4.00	39.3	33.5	3.69	39.7	31.5	3.38	40.0	30.5	3.24	40.1	29.5	3.10	40.3	27.5	2.82	40.6	
		96	35.5	3.87	40.3	33.5	3.57	40.5	31.5	3.28	40.8	30.5	3.14	40.9	29.5	3.00	41.0	27.5	2.74	41.3	
		120	35.5	3.73	41.2	33.5	3.44	41.4	31.5	3.16	41.6	30.5	3.03	41.7	29.5	2.90	41.8	27.5	2.65	42.0	
		150	35.5	3.63	42.0	33.5	3.35	42.1	31.5	3.08	42.3	30.5	2.95	42.4	29.5	2.83	42.5	27.5	2.58	42.6	
90	-10	80	16.5	5.39	-12.0	16.7	5.32	-12.0	16.7	5.30	-12.1	16.8	5.31	-12.1	16.8	5.33	-12.1	16.8	5.41	-12.0	
		96	17.0	5.36	-11.7	17.1	5.32	-11.8	17.2	5.32	-11.8	17.2	5.33	-11.8	17.2	5.36	-11.8	17.2	5.45	-11.8	
		120	17.5	5.34	-11.5	17.6	5.32	-11.5	17.7	5.34	-11.5	17.7	5.36	-11.5	17.7	5.40	-11.5	17.7	5.50	-11.5	
		150	17.9	5.33	-11.2	18.0	5.32	-11.2	18.1	5.36	-11.2	18.1	5.39	-11.2	18.1	5.43	-11.2	18.0	5.54	-11.2	
	-5	80	18.9	5.36	-7.43	19.0	5.39	-7.44	19.0	5.45	-7.43	19.0	5.49	-7.42	19.0	5.55	-7.40	18.9	5.69	-7.36	
		96	19.4	5.38	-7.10	19.5	5.41	-7.10	19.4	5.49	-7.08	19.4	5.54	-7.07	19.4	5.60	-7.06	19.3	5.75	-7.03	
		120	20.0	5.40	-6.74	20.0	5.45	-6.74	20.0	5.54	-6.72	19.9	5.60	-6.71	19.9	5.66	-6.70	19.8	5.82	-6.67	
		150	20.4	5.42	-6.43	20.4	5.48	-6.43	20.4	5.58	-6.41	20.3	5.64	-6.41	20.3	5.71	-6.39	20.2	5.87	-6.37	
	0	80	21.4	5.50	-2.85	21.4	5.59	-2.83	21.3	5.70	-2.79	21.3	5.77	-2.77	21.2	5.85	-2.75	21.1	6.03	-2.70	
		96	21.9	5.54	-2.44	21.9	5.64	-2.42	21.8	5.76	-2.39	21.7	5.84	-2.37	21.7	5.92	-2.35	21.5	6.10	-2.31	
		120	22.5	5.59	-2.02	22.4	5.70	-2.00	22.4	5.83	-1.97	22.3	5.91	-1.96	22.2	5.99	-1.94	22.1	6.18	-1.90	
		150	23.0	5.63	-1.66	22.9	5.75	-1.64	22.8	5.89	-1.62	22.7	5.97	-1.60	22.7	6.05	-1.59	22.5	6.25	-1.55	
	5	80	23.9	5.74	1.74	23.8	5.87	1.78	23.7	6.03	1.83	23.6	6.11	1.86	23.5	6.20	1.89	23.4	6.40	1.96	
		96	24.5	5.80	2.21	24.4	5.94	2.25	24.2	6.10	2.29	24.2	6.18	2.32	24.1	6.28	2.34	23.9	6.48	2.40	
		120	25.1	5.87	2.70	25.0	6.01	2.73	24.8	6.18	2.77	24.8	6.27	2.79	24.7	6.36	2.81	24.5	6.57	2.86	
		150	25.6	5.93	3.12	25.5	6.07	3.15	25.3	6.24	3.18	25.2	6.33	3.19	25.1	6.43	3.21	24.7	6.52	3.26	
	10	80	26.5	6.05	6.33	26.4	6.20	6.39	26.2	6.38	6.45	26.1	6.47	6.48	26.0	6.57	6.52	24.7	6.16	6.68	
		96	27.1	6.12	6.87	27.0	6.28	6.91	26.8	6.45	6.97	26.7	6.55	7.00	26.5	6.64	7.03	24.7	5.94	7.20	
		120	27.8	6.20	7.42	27.6	6.36	7.46	27.4	6.54	7.51	27.3	6.64	7.53	26.5	6.37	7.59	24.7	5.70	7.73	
		150	28.3	6.26	7.89	28.1	6.43	7.93	27.9	6.61	7.96	27.4	6.50	8.00	26.5	6.17	8.05	24.7	5.52	8.17	
	15	80	29.2	6.38	10.9	29.0	6.55	11.0	28.4	6.51	11.1	27.4	6.18	11.2	26.5	5.87	11.3	24.7	5.26	11.5	
		96	29.8	6.46	11.5	29.6	6.63	11.6	28.4	6.27	11.7	27.4	5.96	11.8	26.5	5.66	11.9	24.7	5.08	12.1	
		120	30.6	6.55	12.1	30.2	6.63	12.2	28.4	6.01	12.3	27.4	5.72	12.4	26.5	5.43	12.5	24.7	4.88	12.6	
		150	31.2	6.62	12.7	30.2	6.42	12.7	28.4	5.83	12.8	27.4	5.54	12.9	26.5	5.27	13.0	24.7	4.73	13.1	
	20	80	32.0	6.73	15.5	30.2	6.14	15.7	28.4	5.58	15.9	27.4	5.31	16.0	26.5	5.04	16.2	24.7	4.54	16.4	
		96	32.0	6.49	16.2	30.2	5.92	16.4	28.4	5.38	16.6	27.4	5.12	16.7	26.5	4.87	16.8	24.7	4.38	17.0	
		120	32.0	6.22	16.9	30.2	5.68	17.1	28.4	5.17	17.2	27.4	4.92	17.3	26.5	4.68	17.4	24.7	4.22	17.6	
		150	32.0	6.02	17.5	30.2	5.51	17.6	28.4	5.01	17.8	27.4	4.77	17.8	26.5	4.54	17.9	24.7	4.10	18.0	
	25	80	32.0	5.79	20.3	30.2	5.30	20.5	28.4	4.82	20.8	27.4	4.60	20.9	26.5	4.37	21.0	24.7	3.95	21.3	
		96	32.0	5.59	21.1	30.2	5.11	21.3	28.4	4.66	21.5	27.4	4.44	21.6	26.5	4.23	21.7	24.7	3.82	21.9	
		120	32.0	5.36	21.8	30.2	4.91	22.0	28.4	4.48	22.1	27.4	4.27	22.2	26.5	4.07	22.3	24.7	3.68	22.5	
		150	32.0	5.20	22.4	30.2	4.76	22.6	28.4	4.35	22.7	27.4	4.15	22.8	26.5	3.95	22.8	24.7	3.58	23.0	
	30	80	32.0	5.03	25.2	30.2	4.61	25.4	28.4	4.21	25.7	27.4	4.02	25.8	26.5	3.83	25.9	24.7	3.47	26.2	
		96	32.0	4.86	25.9	30.2	4.45	26.2	28.4	4.07	26.4	27.4	3.89	26.5	26.5	3.71	26.6	24.7	3.36	26.8	
		120	32.0	4.67	26.7	30.2	4.29	26.9	28.4	3.92	27.1	27.4	3.74	27.2	26.5	3.57	27.3	24.7	3.24	27.4	
		150	32.0	4.53	27.4	30.2	4.16	27.5	28.4	3.81	27.7	27.4	3.64	27.7	26.5	3.47	27.8	24.7	3.16	27.9	
	35	80	32.0	4.40	30.1	30.2	4.05	30.3	28.4	3.71	30.6	27.4	3.54	30.7	26.5	3.38	30.9	24.7	3.08	31.1	
		96	32.0	4.26	30.9	30.2	3.92	31.1	28.4	3.59	31.3	27.4	3.43	31.4	26.5	3.28	31.5	24.7	2.98	31.8	
		120	32.0	4.10	31.7	30.2	3.77	31.8	28.4	3.46	32.0	27.4	3.31	32.1	26.5	3.16	32.2	24.7	2.88	32.4	
		150	32.0	3.98	32.3	30.2	3.67	32.5	28.4	3.37	32.6	27.4	3.22	32.7	26.5	3.08	32.8	24.7	2.81	32.9	
	40	80	32.0	3.89	35.0	30.2	3.58	35.2	28.4	3.29	35.5	27.4	3.15	35.6	26.5	3.01	35.8	24.7	2.75	36.1	
		96	32.0	3.76	35.8	30.2	3.47	36.0	28.4	3.19	36.2	27.4	3.05	36.4	26.5	2.92	36.5	24.7	2.67	36.7	
		120	32.0	3.62	36.6	30.2	3.34	36.8	28.4	3.08	37.0	27.4	2.95	37.1	26.5	2.82	37.2	24.7	2.58	37.4	
		150	32.0	3.52	37.3	30.2	3.25	37.4	28.4	3.00	37.6	27.4	2.87	37.7	26.5	2.75	37.7	24.7	2.52	37.9	
	45	80	32.0	3.46	39.9	30.2	3.19	40.2	28.4	2.94	40.4	27.4	2.82	40.6	26.5	2.70	40.7	24.7	2.47	41.0	
		96	32.0	3.35	40.7	30.2	3.10	41.0	28.4	2.85	41.2	27.4	2.74	41.3	26.5	2.62	41.4	24.7	2.40	41.7	
		120	32.0	3.23	41.6	30.2	2.99	41.8	28.4	2.76	41.9	27.4	2.65	42.0	26.5	2.54	42.1	24.7	2.33	42.3	
		150	32.0	3.14	42.2	30.2	2.91	42.4	28.4	2.69	42.5	27.4	2.58	42.6	26.5	2.48	42.7	24.7	2.27	42.9	

CA08A579A

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

1 Capacity tables with 40% glycol
Leistungstabellen mit 40 % Glykol
Πίνακες αποδόσεων με 40% γλυκόλη
Tablas de capacidad con un 40% de glicol
Tableaux de puissance (glycol 40 %)
Tabelle delle capacitŭ (40% glicole)
Capaciteitstabellen met 40% glycol
РЯнбкет брпдьуещн ме 40% глхкьлз
%40 glikollu kapasite tabloları

4 Capacity tables

4 - 5 Heating capacity tables with brine (40%)

RWEYQ10PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CDB																		
			16.0			18.0			20.0			21.0			22.0			24.0			
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	
80	-10	80	16.7	5.30	-12.1	16.8	5.32	-12.1	16.8	5.38	-12.0	16.8	5.43	-12.0	16.8	5.48	-12.0	16.7	5.61	-12.0	
		96	17.2	5.31	-11.8	17.2	5.35	-11.8	17.2	5.42	-11.8	17.2	5.47	-11.7	17.2	5.53	-11.7	17.1	5.67	-11.7	
		120	17.7	5.33	-11.5	17.7	5.38	-11.5	17.7	5.47	-11.5	17.6	5.52	-11.4	17.6	5.59	-11.4	17.5	5.74	-11.4	
		150	18.1	5.35	-11.2	18.1	5.41	-11.2	18.0	5.51	-11.2	18.0	5.57	-11.2	18.0	5.64	-11.2	17.9	5.80	-11.2	
	-5	80	19.0	5.45	-7.43	19.0	5.53	-7.41	18.9	5.64	-7.38	18.9	5.71	-7.36	18.8	5.79	-7.33	18.7	5.96	-7.28	
		96	19.4	5.48	-7.08	19.4	5.58	-7.06	19.3	5.70	-7.04	19.3	5.77	-7.02	19.2	5.85	-7.00	19.1	6.03	-6.95	
		120	20.0	5.53	-6.72	19.9	5.64	-6.71	19.8	5.77	-6.68	19.8	5.85	-6.67	19.7	5.93	-6.65	19.6	6.12	-6.61	
		150	20.4	5.57	-6.42	20.3	5.69	-6.40	20.2	5.83	-6.38	20.2	5.90	-6.36	20.1	5.99	-6.35	20.0	6.18	-6.32	
	0	80	21.3	5.70	-2.80	21.2	5.83	-2.76	21.1	5.98	-2.71	21.0	6.06	-2.68	21.0	6.15	-2.66	20.8	6.35	-2.59	
		96	21.8	5.76	-2.39	21.7	5.89	-2.36	21.6	6.05	-2.32	21.5	6.13	-2.30	21.4	6.23	-2.27	21.3	6.43	-2.21	
		120	22.4	5.83	-1.98	22.3	5.97	-1.95	22.1	6.13	-1.91	22.1	6.22	-1.89	22.0	6.31	-1.87	21.8	6.52	-1.82	
		150	22.8	5.88	-1.62	22.7	6.03	-1.59	22.5	6.19	-1.56	22.5	6.28	-1.55	22.4	6.38	-1.53	22.0	6.44	-1.48	
	5	80	23.7	6.02	1.83	23.6	6.17	1.88	23.4	6.35	1.94	23.3	6.44	1.97	23.2	6.54	2.01	22.0	6.05	2.15	
		96	24.2	6.09	2.29	24.1	6.25	2.34	23.9	6.42	2.39	23.8	6.52	2.41	23.6	6.52	2.45	22.0	5.84	2.59	
		120	24.8	6.17	2.77	24.7	6.33	2.81	24.5	6.51	2.85	24.4	6.60	2.87	23.6	6.25	2.93	22.0	5.60	3.05	
		150	25.3	6.23	3.18	25.2	6.40	3.21	25.0	6.58	3.24	24.4	6.39	3.28	23.6	6.06	3.33	22.0	5.43	3.42	
	10	80	26.2	6.37	6.45	26.0	6.54	6.51	25.2	6.36	6.62	24.4	6.04	6.71	23.6	5.73	6.80	22.0	5.14	6.99	
		96	26.8	6.45	6.96	26.6	6.62	7.02	25.2	6.13	7.15	24.4	5.82	7.23	23.6	5.53	7.30	22.0	4.96	7.46	
		120	27.4	6.54	7.50	26.8	6.48	7.57	25.2	5.88	7.69	24.4	5.59	7.75	23.6	5.31	7.82	22.0	4.77	7.95	
		150	28.0	6.60	7.96	26.8	6.27	8.04	25.2	5.70	8.14	24.4	5.42	8.19	23.6	5.15	8.24	22.0	4.63	8.34	
	15	80	28.4	6.54	11.1	26.8	5.97	11.3	25.2	5.42	11.5	24.4	5.16	11.6	23.6	4.90	11.7	22.0	4.41	11.9	
		96	28.4	6.30	11.7	26.8	5.75	11.9	25.2	5.23	12.0	24.4	4.98	12.1	23.6	4.74	12.2	22.0	4.27	12.4	
		120	28.4	6.04	12.3	26.8	5.52	12.5	25.2	5.03	12.6	24.4	4.79	12.7	23.6	4.55	12.7	22.0	4.11	12.9	
		150	28.4	5.86	12.8	26.8	5.35	12.9	25.2	4.87	13.1	24.4	4.64	13.1	23.6	4.42	13.2	22.0	3.99	13.3	
	20	80	28.4	5.60	15.9	26.8	5.13	16.1	25.2	4.67	16.3	24.4	4.45	16.4	23.6	4.24	16.5	22.0	3.83	16.8	
		96	28.4	5.41	16.6	26.8	4.95	16.7	25.2	4.51	16.9	24.4	4.30	17.0	23.6	4.10	17.1	22.0	3.71	17.3	
		120	28.4	5.19	17.2	26.8	4.76	17.4	25.2	4.34	17.5	24.4	4.14	17.6	23.6	3.94	17.7	22.0	3.57	17.8	
		150	28.4	5.03	17.8	26.8	4.61	17.9	25.2	4.21	18.0	24.4	4.02	18.1	23.6	3.83	18.1	22.0	3.47	18.2	
	25	80	28.4	4.85	20.8	26.8	4.44	21.0	25.2	4.06	21.2	24.4	3.88	21.3	23.6	3.70	21.4	22.0	3.35	21.7	
		96	28.4	4.68	21.5	26.8	4.30	21.6	25.2	3.93	21.8	24.4	3.75	21.9	23.6	3.58	22.0	22.0	3.25	22.2	
		120	28.4	4.50	22.1	26.8	4.13	22.3	25.2	3.78	22.4	24.4	3.62	22.5	23.6	3.45	22.6	22.0	3.14	22.8	
		150	28.4	4.37	22.7	26.8	4.02	22.8	25.2	3.68	22.9	24.4	3.52	23.0	23.6	3.36	23.1	22.0	3.05	23.2	
	30	80	28.4	4.23	25.7	26.8	3.89	25.9	25.2	3.57	26.1	24.4	3.41	26.2	23.6	3.26	26.4	22.0	2.96	26.6	
		96	28.4	4.09	26.4	26.8	3.76	26.6	25.2	3.45	26.8	24.4	3.30	26.9	23.6	3.16	27.0	22.0	2.88	27.2	
		120	28.4	3.94	27.1	26.8	3.63	27.2	25.2	3.33	27.4	24.4	3.19	27.5	23.6	3.05	27.5	22.0	2.78	27.7	
		150	28.4	3.83	27.6	26.8	3.53	27.8	25.2	3.24	27.9	24.4	3.10	28.0	23.6	2.97	28.0	22.0	2.71	28.2	
	35	80	28.4	3.72	30.6	26.8	3.43	30.8	25.2	3.16	31.1	24.4	3.02	31.2	23.6	2.89	31.3	22.0	2.64	31.5	
		96	28.4	3.60	31.3	26.8	3.33	31.5	25.2	3.06	31.7	24.4	2.93	31.8	23.6	2.81	31.9	22.0	2.57	32.1	
		120	28.4	3.47	32.0	26.8	3.21	32.2	25.2	2.96	32.3	24.4	2.83	32.4	23.6	2.71	32.5	22.0	2.48	32.7	
		150	28.4	3.38	32.6	26.8	3.12	32.7	25.2	2.88	32.9	24.4	2.76	32.9	23.6	2.65	33.0	22.0	2.42	33.1	
	40	80	28.4	3.30	35.5	26.8	3.06	35.7	25.2	2.82	36.0	24.4	2.70	36.1	23.6	2.59	36.2	22.0	2.38	36.5	
		96	28.4	3.20	36.2	26.8	2.96	36.4	25.2	2.74	36.6	24.4	2.63	36.8	23.6	2.52	36.9	22.0	2.31	37.1	
		120	28.4	3.09	37.0	26.8	2.86	37.1	25.2	2.65	37.3	24.4	2.54	37.4	23.6	2.44	37.5	22.0	2.24	37.6	
		150	28.4	3.01	37.6	26.8	2.79	37.7	25.2	2.58	37.8	24.4	2.48	37.9	23.6	2.38	38.0	22.0	2.19	38.1	
	45	80	28.4	2.95	40.4	26.8	2.74	40.7	25.2	2.53	40.9	24.4	2.43	41.1	23.6	2.34	41.2	22.0	2.15	41.5	
		96	28.4	2.87	41.2	26.8	2.66	41.4	25.2	2.46	41.6	24.4	2.37	41.7	23.6	2.27	41.8	22.0	2.09	42.0	
		120	28.4	2.77	41.9	26.8	2.57	42.1	25.2	2.38	42.3	24.4	2.29	42.4	23.6	2.20	42.4	22.0	2.03	42.6	
		150	28.4	2.70	42.5	26.8	2.51	42.7	25.2	2.33	42.8	24.4	2.24	42.9	23.6	2.15	43.0	22.0	1.99	43.1	
70	-10	80	16.8	5.40	-12.0	16.8	5.49	-12.0	16.7	5.60	-12.0	16.7	5.67	-12.0	16.6	5.75	-11.9	16.5	5.93	-11.9	
		96	17.2	5.44	-11.8	17.2	5.54	-11.7	17.1	5.66	-11.7	17.0	5.74	-11.7	17.0	5.82	-11.7	16.9	6.00	-11.6	
		120	17.7	5.49	-11.5	17.6	5.60	-11.4	17.5	5.73	-11.4	17.5	5.81	-11.4	17.4	5.89	-11.4	17.3	6.08	-11.3	
		150	18.0	5.53	-11.2	18.0	5.65	-11.2	17.9	5.79	-11.2	17.8	5.86	-11.1	17.8	5.95	-11.1	17.6	6.14	-11.1	
	-5	80	18.9	5.67	-7.37	18.8	5.80	-7.33	18.7	5.95	-7.29	18.7	6.04	-7.26	18.6	6.13	-7.23	18.4	6.33	-7.17	
		96	19.3	5.73	-7.03	19.2	5.87	-7.00	19.1	6.02	-6.96	19.1	6.11	-6.93	19.0	6.20	-6.91	18.8	6.41	-6.86	
		120	19.8	5.80	-6.68	19.7	5.94	-6.65	19.6	6.11	-6.61	19.5	6.20	-6.59	19.5	6.29	-6.57	19.2	6.44	-6.53	
		150	20.2	5.86	-6.37	20.1	6.00	-6.35	20.0	6.17	-6.32	19.9	6.26	-6.30	19.8	6.36	-6.29	19.2	6.23	-6.24	
	0	80	21.1	6.01	-2.70	21.0	6.17	-2.65	20.8	6.34	-2.59	20.7	6.43	-2.56	20.6	6.52	-2.53	19.2	5.83	-2.40	
		96	21.6	6.08	-2.31	21.4	6.24	-2.27	21.3	6.42	-2.22	21.2	6.51	-2.19	20.6	6.28	-2.14	19.2	5.63	-2.03	
		120	22.1	6.16	-1.90	22.0	6.33	-1.87	21.8	6.51	-1.83	21.3	6.35	-1.79	20.6	6.03	-1.74	19.2	5.40	-1.65	
		150	22.5	6.23	-1.56	22.4	6.39	-1.53	22.1	6.48	-1.49	21.3	6.15	-1.45	20.6	5.84	-1.41	19.2	5.23	-1.34	
	5	80	23.4	6.38	1.95	23.2	6.55	2.01	22.1	6.09	2.14	21.3	5.79	2.21	20.6	5.50	2.29	19.2	4.93	2.44	
		96	23.9	6.46	2.40	23.5	6.47	2.46	22.1	5.87	2.58	21.3	5.58	2.65	20.6	5.30	2.71	19.2	4.77	2.84	
		120	24.5	6.55	2.86	23.5	6.21	2.94	22.1	5.64	3.04	21.3	5.36	3.09	20.6	5.09	3.14	19.2	4.58	3.25	
		150	24.9	6.59	3.25	23.5	6.01	3.33	22.1	5.46	3.41	21.3	5.20	3.46	20.6	4.94	3.50	19.2	4.44	3.59	
	10	80	24.9	6.23	6.66	23.5	5.69	6.81	22.1	5.17	6.98	21.3	4.93	7.06	20.6	4.68	7.14	19.2	4.22	7.31	
		96	24.9	6.01	7.18	23.5	5.49	7.32	22.1	4.99	7.45	21.3	4.76	7.52	20.6	4.53	7.60	19.2	4.08	7.74	
		120	24.9	5.76	7.72	23.5	5.27	7.83	22.1	4.80	7.94	21.3	4.57	8.00	20.6	4.35	8.06	19.2	3.93	8.17	
		150	24.9	5.59	8.16	23.5	5.11	8.25	22.1	4.66	8.34	21.3	4.44	8.38	20.6	4.22	8.43	19.2	3.82	8.53	
	15	80	24.9	5.32	11.5	23.5	4.87	11.7	22.1	4.44	11.8	21.3	4.23	11.9	20.6	4.03	12.0	19.2	3.65	12.2	
		96	24.9	5.13	12.1	23.5	4.70	12.2	22.1	4.29	12.3	21.3	4.09	12.4	20.6	3.90	12.5	19.2	3.53	12.7	
		120	24.9	4.93	12.6	23.5	4.52	12.7	22.1	4.13	12.9	21.3	3.94	12.9	20.6	3.76	13.0	19.2	3.40	13.1	
		150	24.9	4.78	13.1	23.5	4.39	13.2	22.1	4.01	13.3	21.3	3.83	13.3	20.6	3.65	13.4	19.2	3.31	13.5	
	20	80	24.9	4.58	16.4	23.5	4.21	16.6	22.1	3.85	16.7	21.3	3.68	16.8	20.6	3.51	16.9	19.2	3.19	17.1	
		96	24.9	4.43	16.9	23.5	4.07	17.1	22.1	3.73	17.3	21.3	3.56	17.3	20.6	3.40	17.4	19.2	3.09	17.6	
		120	24.9	4.26	17.5	23.5	3.92	17.7	22.1	3.59	17.8	21.3	3.43	17.9	20.6	3.28	17.9	19.2	2.98	18.1	
		150	24.9	4.14	18.0	23.5	3.81	18.1	22.1	3.49	18.2	21.3	3.34	18.3	20.6	3.19	18.3	19.2	2.90	18.4	
	25	80	24.9	3.99	21.3	23.5	3.67	21.5	22.1	3.37	21.7	21.3	3.23	21.8	20.6	3.08	21.9	19.2	2.81	22.1	
		96	24.9	3.86	21.9	23.5	3.56	22.0	22.1	3.27	22.2	21.3	3.13	22.3	20.6	2.99	22.4	19.2	2.73	22.5	
		120	24.9	3.72	22.5	23.5	3.43	22.6	22.1	3.15	22.7	21.3	3.02	22.8	20.6	2.89	22.9	19.2	2.64	23.0	
		150	24.9	3.61	23.0	23.5	3.34	23.1	22.1	3.07	23.2	21.3	2.94	23.2	20.6	2.81	23.3	19.2	2.57	23.4	
	30	80	24.9	3.50	26.2	23.5	3.24	26.4	22.1	2.98	26.6	21.3	2.86	26.7	20.6	2.74	26.8	19.2	2.50	27.0	
		96	24.9	3.39	26.8	23.5	3.14	27.0	22.1	2.89	27.1	21.3	2.77	27.2	20.6	2.66	27.3	19.2	2.43	27.5	
		120	24.9	3.27	27.4	23.5	3.03	27.6	22.1	2.79	27.7	21.3	2.68	27.8	20.6	2.57	27.8	19.2	2.36	28.0	
		150	24.9	3.19	27.9	23.5	2.95	28.0	22.1	2.72	28.2	21.3	2.61	28.2	20.6	2.51	28.3	19.2	2.30	28.4	
	35	80	24.9	3.10	31.1	23.5	2.88	31.3	22.1	2.66	31.5	21.3	2.55	31.6	20.6	2.45	31.7	19.2	2.25	32.0	
		96	24.9	3.01	31.7	23.5	2.79	31.9	22.1	2.58	32.1	21.3	2.48	32.2	20.6	2.38	32.3	19.2	2.19	32.5	
		120	24.9	2.91	32.4	23.5	2.70	32.5	22.1	2.50	32.7	21.3	2.40	32.7	20.6	2.30	32.8	19.2	2.12	33.0	
		150	24.9	2.83	32.9	23.5	2.63	33.0	22.1	2.44	33.1	21.3	2.34	33.2	20.6	2.25	33.2	19.2	2.07	33.4	
	40	80	24.9	2.77	36.0	23.5	2.58	36.3	22.1	2.39	36.5	21.3	2.30	36.6	20.6	2.21	36.7	19.2	2.03	36.9	
		96	24.9	2.69	36.7	23.5	2.50	36.9	22.1	2.32	37.1	21.3	2.23	37.1	20.6	2.15	37.2	19.2	1.98	37.4	
		120	24.9	2.60	37.3	23.5	2.42	37.5	22.1	2.25	37.6	21.3	2.17	37.7	20.6	2.08	37.8	19.2	1.93	37.9	
		150	24.9	2.54	37.9	23.5	2.36	38.0	22.1	2.20	38.1	21.3	2.12	38.2	20.6	2.04	38.2	19.2	1.88	38.3	
	45	80	24.9	2.49	41.0	23.5	2.32	41.2	22.1	2.16	41.4	21.3	2.08	41.6	20.6	2.00	41.7	19.2	1.85	41.9	
		96	24.9	2.43	41.6	23.5	2.26	41.8	22.1	2.10	42.0	21.3	2.03	42.1	20.6	1.95	42.2	19.2	1.81	42.4	
		120	24.9	2.35	42.3	23.5	2.19	42.5	22.1	2.04	42.6	21.3	1.97	42.7	20.6	1.90	42.8	19.2	1.76	42.9	
		150	24.9	2.29	42.8	23.5	2.14	43.0	22.1	2.00	43.1	21.3	1.93	43.1	20.6	1.86	43.2	19.2	1.72	43.3	

CA08A579A

4 Capacity tables

4 - 5 Heating capacity tables with brine (40%)

RWEYQ10PR

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor) ; OWT: Outlet Water Temperatur: °C

Combination (%)	Inlet Water Temp.	Water Volume	Indoor air temperature: °CDB																		
			16.0			18.0			20.0			21.0			22.0			24.0			
			TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	TC	PI	OWT	
	(°C)	L/min	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	
60	-10	80	16.7	5.67	-12.0	16.6	5.81	-11.9	16.5	5.97	-11.9	16.4	6.05	-11.9	16.4	6.15	-11.8	16.2	6.35	-11.8	
		96	17.0	5.74	-11.7	17.0	5.88	-11.7	16.9	6.04	-11.6	16.8	6.13	-11.6	16.7	6.22	-11.6	16.5	6.32	-11.5	
		120	17.5	5.81	-11.4	17.4	5.96	-11.4	17.3	6.12	-11.3	17.2	6.21	-11.3	17.2	6.31	-11.3	16.5	6.06	-11.2	
		150	17.8	5.87	-11.1	17.7	6.02	-11.1	17.6	6.19	-11.1	17.5	6.28	-11.1	17.5	6.37	-11.1	16.5	5.87	-11.0	
	-5	80	18.7	6.04	-7.26	18.5	6.20	-7.21	18.4	6.38	-7.16	18.3	6.45	-7.12	17.7	6.11	-7.07	16.5	5.47	-6.97	
		96	19.1	6.11	-6.93	18.9	6.28	-6.89	18.8	6.45	-6.84	18.3	6.21	-6.80	17.7	5.89	-6.76	16.5	5.28	-6.67	
		120	19.5	6.20	-6.6	19.4	6.36	-6.6	18.9	6.27	-6.5	18.3	5.96	-6.5	17.7	5.65	-6.4	16.5	5.07	-6.4	
		150	19.9	6.26	-6.3	19.8	6.43	-6.3	18.9	6.07	-6.2	18.3	5.77	-6.2	17.7	5.48	-6.2	16.5	4.92	-6.1	
	0	80	20.7	6.44	-2.56	20.1	6.26	-2.48	18.9	5.69	-2.37	18.3	5.41	-2.31	17.7	5.14	-2.25	16.5	4.62	-2.12	
		96	21.2	6.51	-2.19	20.1	6.04	-2.10	18.9	5.48	-2.00	18.3	5.22	-1.95	17.7	4.96	-1.90	16.5	4.46	-1.79	
		120	21.3	6.35	-1.79	20.1	5.79	-1.71	18.9	5.26	-1.63	18.3	5.01	-1.59	17.7	4.76	-1.54	16.5	4.29	-1.46	
		150	21.3	6.15	-1.45	20.1	5.61	-1.39	18.9	5.10	-1.32	18.3	4.86	-1.28	17.7	4.62	-1.25	16.5	4.16	-1.18	
	5	80	21.3	5.78	2.22	20.1	5.29	2.34	18.9	4.81	2.48	18.3	4.59	2.54	17.7	4.36	2.61	16.5	3.94	2.75	
		96	21.3	5.58	2.65	20.1	5.10	2.76	18.9	4.65	2.87	18.3	4.43	2.93	17.7	4.22	2.99	16.5	3.81	3.11	
		120	21.3	5.36	3.09	20.1	4.90	3.18	18.9	4.47	3.28	18.3	4.26	3.32	17.7	4.06	3.37	16.5	3.67	3.47	
		150	21.3	5.19	3.46	20.1	4.75	3.53	18.9	4.34	3.61	18.3	4.14	3.65	17.7	3.94	3.69	16.5	3.57	3.77	
	10	80	21.3	4.92	7.06	20.1	4.51	7.20	18.9	4.12	7.35	18.3	3.93	7.43	17.7	3.75	7.50	16.5	3.40	7.66	
		96	21.3	4.75	7.53	20.1	4.36	7.65	18.9	3.98	7.77	18.3	3.80	7.84	17.7	3.63	7.90	16.5	3.29	8.03	
		120	21.3	4.57	8.00	20.1	4.19	8.10	18.9	3.84	8.20	18.3	3.66	8.25	17.7	3.50	8.31	16.5	3.17	8.41	
		150	21.3	4.43	8.39	20.1	4.07	8.47	18.9	3.73	8.55	18.3	3.56	8.59	17.7	3.40	8.63	16.5	3.09	8.72	
	15	80	21.3	4.23	11.9	20.1	3.89	12.1	18.9	3.57	12.3	18.3	3.41	12.3	17.7	3.26	12.4	16.5	2.96	12.6	
		96	21.3	4.09	12.4	20.1	3.76	12.6	18.9	3.45	12.7	18.3	3.30	12.8	17.7	3.15	12.8	16.5	2.87	13.0	
		120	21.3	3.94	12.9	20.1	3.63	13.0	18.9	3.33	13.1	18.3	3.19	13.2	17.7	3.05	13.3	16.5	2.78	13.4	
		150	21.3	3.83	13.3	20.1	3.53	13.4	18.9	3.24	13.5	18.3	3.10	13.5	17.7	2.96	13.6	16.5	2.70	13.7	
	20	80	21.3	3.68	16.8	20.1	3.39	17.0	18.9	3.12	17.2	18.3	2.99	17.3	17.7	2.86	17.3	16.5	2.61	17.5	
		96	21.3	3.56	17.3	20.1	3.28	17.5	18.9	3.02	17.6	18.3	2.90	17.7	17.7	2.77	17.8	16.5	2.53	17.9	
		120	21.3	3.43	17.9	20.1	3.17	18.0	18.9	2.92	18.1	18.3	2.80	18.2	17.7	2.68	18.2	16.5	2.45	18.3	
		150	21.3	3.34	18.3	20.1	3.08	18.4	18.9	2.84	18.5	18.3	2.73	18.5	17.7	2.61	18.6	16.5	2.39	18.7	
	25	80	21.3	3.22	21.8	20.1	2.98	21.9	18.9	2.75	22.1	18.3	2.64	22.2	17.7	2.53	22.3	16.5	2.32	22.5	
		96	21.3	3.12	22.3	20.1	2.89	22.4	18.9	2.67	22.6	18.3	2.56	22.7	17.7	2.46	22.7	16.5	2.26	22.9	
		120	21.3	3.02	22.8	20.1	2.80	22.9	18.9	2.58	23.1	18.3	2.48	23.1	17.7	2.38	23.2	16.5	2.19	23.3	
		150	21.3	2.94	23.2	20.1	2.72	23.3	18.9	2.52	23.4	18.3	2.42	23.5	17.7	2.32	23.5	16.5	2.14	23.6	
	30	80	21.3	2.85	26.7	20.1	2.65	26.9	18.9	2.45	27.1	18.3	2.36	27.1	17.7	2.26	27.2	16.5	2.09	27.4	
		96	21.3	2.77	27.2	20.1	2.57	27.4	18.9	2.38	27.5	18.3	2.29	27.6	17.7	2.20	27.7	16.5	2.03	27.8	
		120	21.3	2.68	27.8	20.1	2.49	27.9	18.9	2.31	28.0	18.3	2.22	28.1	17.7	2.14	28.1	16.5	1.97	28.3	
		150	21.3	2.61	28.2	20.1	2.43	28.3	18.9	2.25	28.4	18.3	2.17	28.5	17.7	2.09	28.5	16.5	1.93	28.6	
	35	80	21.3	2.55	31.6	20.1	2.37	31.8	18.9	2.20	32.0	18.3	2.12	32.1	17.7	2.04	32.2	16.5	1.89	32.4	
		96	21.3	2.48	32.2	20.1	2.31	32.3	18.9	2.15	32.5	18.3	2.07	32.6	17.7	1.99	32.7	16.5	1.84	32.8	
		120	21.3	2.40	32.7	20.1	2.24	32.9	18.9	2.08	33.0	18.3	2.01	33.1	17.7	1.93	33.1	16.5	1.79	33.2	
		150	21.3	2.34	33.2	20.1	2.18	33.3	18.9	2.03	33.4	18.3	1.96	33.4	17.7	1.89	33.5	16.5	1.75	33.6	
	40	80	21.3	2.29	36.6	20.1	2.14	36.8	18.9	2.00	37.0	18.3	1.93	37.1	17.7	1.86	37.2	16.5	1.72	37.4	
		96	21.3	2.23	37.1	20.1	2.09	37.3	18.9	1.95	37.5	18.3	1.88	37.6	17.7	1.81	37.6	16.5	1.68	37.8	
		120	21.3	2.16	37.7	20.1	2.03	37.8	18.9	1.89	38.0	18.3	1.83	38.0	17.7	1.76	38.1	16.5	1.64	38.2	
		150	21.3	2.11	38.2	20.1	1.98	38.3	18.9	1.85	38.4	18.3	1.79	38.4	17.7	1.73	38.5	16.5	1.61	38.6	
	45	80	21.3	2.08	41.6	20.1	1.95	41.7	18.9	1.82	41.9	18.3	1.76	42.0	17.7	1.70	42.1	16.5	1.58	42.3	
		96	21.3	2.03	42.1	20.1	1.90	42.3	18.9	1.78	42.4	18.3	1.72	42.5	17.7	1.66	42.6	16.5	1.55	42.8	
		120	21.3	1.97	42.7	20.1	1.85	42.8	18.9	1.73	43.0	18.3	1.67	43.0	17.7	1.62	43.1	16.5	1.51	43.2	
		150	21.3	1.93	43.1	20.1	1.81	43.3	18.9	1.70	43.4	18.3	1.64	43.4	17.7	1.59	43.5	16.5	1.48	43.6	
50	-10	80	16.4	6.13	-11.8	16.3	6.30	-11.8	15.8	6.11	-11.7	15.2	5.81	-11.7	14.7	5.51	-11.7	13.7	4.95	-11.6	
		96	16.7	6.21	-11.6	16.6	6.37	-11.5	15.8	5.89	-11.5	15.2	5.60	-11.4	14.7	5.32	-11.4	13.7	4.78	-11.3	
		120	17.2	6.29	-11.3	16.8	6.23	-11.3	15.8	5.65	-11.2	15.2	5.38	-11.2	14.7	5.11	-11.2	13.7	4.59	-11.1	
		150	17.5	6.36	-11.1	16.8	6.03	-11.0	15.8	5.48	-11.0	15.2	5.21	-11.0	14.7	4.95	-10.9	13.7	4.45	-10.9	
	-5	80	17.8	6.16	-7.08	16.8	5.62	-7.00	15.8	5.11	-6.91	15.2	4.87	-6.86	14.7	4.63	-6.81	13.7	4.17	-6.71	
		96	17.8	5.94	-6.77	16.8	5.42	-6.69	15.8	4.93	-6.61	15.2	4.70	-6.57	14.7	4.47	-6.53	13.7	4.03	-6.45	
		120	17.8	5.70	-6.44	16.8	5.21	-6.38	15.8	4.74	-6.32	15.2	4.52	-6.28	14.7	4.30	-6.25	13.7	3.88	-6.18	
		150	17.8	5.52	-6.17	16.8	5.05	-6.12	15.8	4.60	-6.07	15.2	4.38	-6.04	14.7	4.17	-6.01	13.7	3.77	-5.95	
	0	80	17.8	5.18	-2.26	16.8	4.74	-2.15	15.8	4.32	-2.05	15.2	4.12	-1.99	14.7	3.93	-1.94	13.7	3.55	-1.82	
		96	17.8	5.00	-1.91	16.8	4.58	-1.82	15.8	4.18	-1.73	15.2	3.99	-1.68	14.7	3.80	-1.63	13.7	3.44	-1.54	
		120	17.8	4.80	-1.55	16.8	4.40	-1.48	15.8	4.02	-1.40	15.2	3.84	-1.36	14.7	3.66	-1.32	13.7	3.31	-1.24	
		150	17.8	4.66	-1.25	16.8	4.27	-1.19	15.8	3.90	-1.13	15.2	3.73	-1.10	14.7	3.56	-1.07	13.7	3.22	-1.00	
	5	80	17.8	4.40	2.60	16.8	4.04	2.72	15.8	3.70	2.84	15.2	3.53	2.90	14.7	3.37	2.96	13.7	3.06	3.09	
		96	17.8	4.25	2.98	16.8	3.90	3.08	15.8	3.58	3.18	15.2	3.42	3.23	14.7	3.26	3.29	13.7	2.97	3.39	
		120	17.8	4.09	3.37	16.8	3.76	3.45	15.8	3.45	3.53	15.2	3.30	3.57	14.7	3.15	3.62	13.7	2.87	3.70	
		150	17.8	3.97	3.68	16.8	3.65	3.75	15.8	3.35	3.82	15.2	3.21	3.85	14.7	3.06	3.88	13.7	2.79	3.96	
	10	80	17.8	3.78	7.49	16.8	3.48	7.62	15.8	3.20	7.75	15.2	3.06	7.82	14.7	2.93	7.88	13.7	2.67	8.02	
		96	17.8	3.65	7.89	16.8	3.37	8.00	15.8	3.10	8.11	15.2	2.97	8.17	14.7	2.84	8.22	13.7	2.59	8.34	
		120	17.8	3.52	8.30	16.8	3.25	8.39	15.8	2.99	8.48	15.2	2.86	8.52	14.7	2.74	8.57	13.7	2.51	8.66	
		150	17.8	3.42	8.63	16.8	3.16	8.70	15.8	2.91	8.77	15.2	2.79	8.81	14.7	2.67	8.85	13.7	2.45	8.92	
	15	80	17.8	3.28	12.4	16.8	3.03	12.5	15.8	2.79	12.7	15.2	2.68	12.7	14.7	2.57	12.8	13.7	2.35	13.0	
		96	17.8	3.18	12.8	16.8	2.94	12.9	15.8	2.71	13.1	15.2	2.60	13.1	14.7	2.50	13.2	13.7	2.29	13.3	
		120	17.8	3.07	13.2	16.8	2.84	13.3	15.8	2.62	13.4	15.2	2.52	13.5	14.7	2.42	13.5	13.7	2.22	13.6	
		150	17.8	2.98	13.6	16.8	2.77	13.7	15.8	2.56	13.7	15.2	2.46	13.8	14.7	2.36	13.8	13.7	2.17	13.9	
	20	80	17.8	2.88	17.3	16.8	2.67	17.5	15.8	2.47	17.6	15.2	2.37	17.7	14.7	2.28	17.8	13.7	2.10	17.9	
		96	17.8	2.79	17.8	16.8	2.59	17.9	15.8	2.40	18.0	15.2	2.31	18.1	14.7	2.22	18.1	13.7	2.04	18.3	
		120	17.8	2.70	18.2	16.8	2.51	18.3	15.8	2.32	18.4	15.2	2.24	18.4	14.7	2.15	18.5	13.7	1.98	18.6	
		150	17.8	2.63	18.6	16.8	2.44	18.6	15.8	2.27	18.7	15.2	2.18	18.8	14.7	2.10	18.8	13.7	1.94	18.9	
	25	80	17.8	2.55	22.3	16.8	2.37	22.4	15.8	2.20	22.6	15.2	2.12	22.6	14.7	2.04	22.7	13.7	1.89	22.9	
		96	17.8	2.48	22.7	16.8	2.31	22.8	15.8	2.14	23.0	15.2	2.07	23.0	14.7	1.99	23.1	13.7	1.84	23.2	
		120	17.8	2.40	23.2	16.8	2.23	23.3	15.8	2.08	23.4	15.2	2.00	23.4	14.7	1.93	23.5	13.7	1.79	23.6	
		150	17.8	2.34	23.5	16.8	2.18	23.6	15.8	2.03	23.7	15.2	1.96	23.7	14.7	1.89	23.8	13.7	1.75	23.9	
	30	80	17.8	2.28	27.2	16.8	2.13	27.4	15.8	1.98	27.5	15.2	1.91	27.6	14.7	1.84	27.7	13.7	1.71	27.8	
		96	17.8	2.22	27.7	16.8	2.07	27.8	15.8	1.93	27.9	15.2	1.87	28.0	14.7	1.80	28.1	13.7	1.67	28.2	
		120	17.8	2.15	28.1	16.8	2.01	28.2	15.8	1.88	28.3	15.2	1.81	28.4	14.7	1.75	28.4	13.7	1.63	28.6	
		150	17.8	2.10	28.5	16.8	1.97	28.6	15.8	1.84	28.7	15.2	1.78	28.7	14.7	1.71	28.8	13.7	1.60	28.8	
	35	80	17.8	2.05	32.2	16.8	1.92	32.3	15.8	1.80	32.5	15.2	1.74	32.6	14.7	1.68	32.7	13.7	1.57	32.8	
		96	17.8	2.00	32.6	16.8	1.88	32.8	15.8	1.76	32.9	15.2	1.70	33.0	14.7	1.64	33.0	13.7	1.53	33.2	
		120	17.8	1.94	33.1	16.8	1.83	33.2	15.8	1.71	33.3	15.2	1.66	33.4	14.7	1.60	33.4	13.7	1.50	33.5	
		150	17.8	1.90	33.5	16.8	1.79	33.6	15.8	1.68	33.7	15.2	1.62	33.7	14.7	1.57	33.7	13.7	1.47	33.8	
	40	80	17.8	1.87	37.2	16.8	1.76	37.3	15.8	1.65	37.5	15.2	1.60	37.6	14.7	1.54	37.6	13.7	1.44	37.8	
		96	17.8	1.82	37.6	16.8	1.71	37.8	15.8	1.61	37.9	15.2	1.56	38.0	14.7	1.51	38.0	13.7	1.42	38.2	
		120	17.8	1.77	38.1	16.8	1.67	38.2	15.8	1.57	38.3	15.2	1.52	38.4	14.7	1.47	38.4	13.7	1.38	38.5	
		150	17.8	1.74	38.5	16.8	1.64	38.6	15.8	1.54	38.6	15.2	1.49	38.7	14.7	1.45	38.7	13.7	1.36	38.8	
	45	80	17.8	1.71	42.1	16.8	1.61	42.3	15.8	1.52	42.5	15.2	1.47	42.5	14.7	1.43	42.6	13.7	1.34	42.8	
		96	17.8	1.67	42.6	16.8	1.58	42.7	15.8	1.49	42.9	15.2	1.44	42.9	14.7	1.40	43.0	13.7	1.32	43.1	
		120	17.8	1.63	43.1	16.8	1.54	43.2	15.8	1.45	43.3	15.2	1.41	43.3	14.7	1.37	43.4	13.7	1.29	43.5	
		150	17.8	1.60	43.5	16.8	1.51	43.5	15.8	1.42	43.6	15.2	1.38	43.7	14.7	1.34	43.7	13.7	1.27	43.8	

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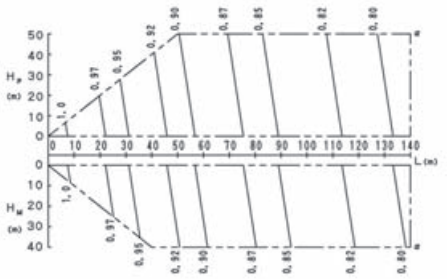
4 Capacity tables

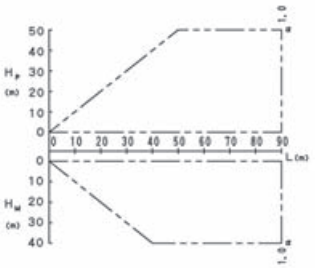
4 - 6 Capacity correction factor

RWEYQ8PR

- Correction ratio for cooling capacity



- Correction ratio for heating capacity



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NOTES

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

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

3 Method of calculating A/C (cooling/heating) capacity:
The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of the outside units as mentioned below, wichever smaller.
Calculating A/C capacity of outside units

- Condition: Indoor unit combination ratio does not exceed 100%
  Maximum A/C capacity of outside units = A/C capacity of outside units obtained from capacity characteristic table at the 100% combination x capacity change rate due to piping length to the farthest indoor unit.
- Condition: Indoor unit combination ratio exceeds 100%
  Maximum A/C capacity of outside units = A/C capacity of outside units obtained from capacity characteristic table at the combination x capacity change rate due to piping length to the farthest indoor unit.

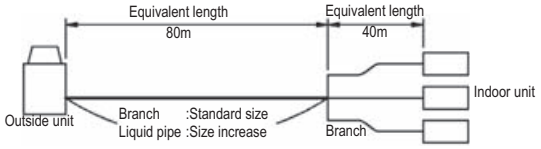
4 When overall equivalent pipe length is 80m or more, the diameter of the main liquiq pipes (outside unit-branch sections) must be increased.
Diameter of above case

Model	liquid pipe
RWEYQ8PR	ø12.7

5 Read cooling/heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent piping length = Equivalent length of main pipe x Correction factor +Equivalent length after branching
Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size
When heating capacity is calcurated: liquid pipe size.

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	
Heating (liquid pipe)	1.0	0.5

Example RWEYQ8PR



In the above case
(Cooling) Overall equivalent length = 80m x 1.0 + 40m x 1.0 = 120m
(Heating) Overall equivalent length = 80m x 0.5 + 40m x 1.0 = 80m
The correction factor in:
cooling capacity when height difference = 0 is thus approximately 0.78
heating capacity when height difference = 0 is thus approximately 1.0

6 Explanation of symbols
H_p: Level difference (m) between indoor and outside units where indoor unit in inferior position
H_M: Level difference (m) between indoor and outside units where indoor unitin superior position
L: Equivalent pipe length (m)
α: Capacity correction factor

Diameter of pipe

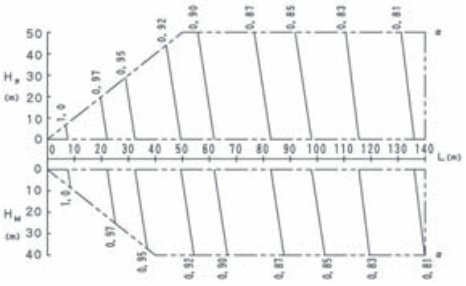
Model	liquid
RWEYQ8PR	ø9.5

4 Capacity tables

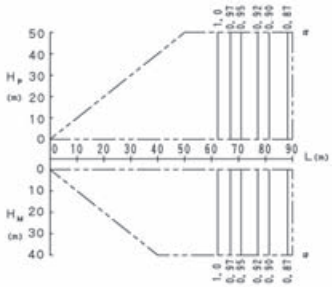
4 - 6 Capacity correction factor

RWEYQ10PR

- Correction ratio for cooling capacity



- Correction ratio for heating capacity



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NOTES

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

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

3 Method of calculating A/C (cooling/heating) capacity:
The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of the outside units as mentioned below, wichever smaller.
Calculating A/C capacity of outside units

- Condition: Indoor unit combination ratio does not exceed 100%
  Maximum A/C capacity of outside units = A/C capacity of outside units obtained from capacity characteristic table at the 100% combination x capacity change rate due to piping length to the farthest indoor unit.
- Condition: Indoor unit combination ratio exceeds 100%
  Maximum A/C capacity of outside units = A/C capacity of outside units obtained from capacity characteristic table at the combination x capacity change rate due to piping length to the farthest indoor unit.

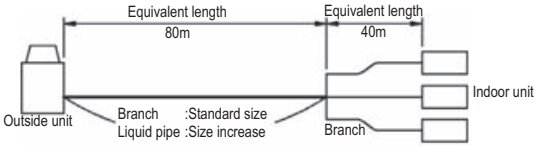
4 When overall equivalent pipe length is 80m or more, the diameter of the main liquiq pipes (outside unit-branch sections) must be increased.
Diameter of above case

Model	liquid pipe
RWEYQ10PR	ø12.7

5 Read cooling/heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent piping length = Equivalent length of main pipe x Correction factor +Equivalent length after branching
Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size
When heating capacity is calcurated: liquid pipe size.

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	-
Heating (liquid pipe)	1.0	0.5

Example RWEYQ10PR



In the above case
(Cooling) Overall equivalent length = 80m x 1.0 + 40m x 1.0 = 120m
(Heating) Overall equivalent length = 80m x 0.5 + 40m x 1.0 = 80m
The correction factor in:
cooling capacity when height difference = 0 is thus approximately 0.78
heating capacity when height difference = 0 is thus approximately 1.0

6 Explanation of symbols
H_p: Level difference (m) between indoor and outside units where indoor unit in inferior position
H_M: Level difference (m) between indoor and outside units where indoor unitin superior position
L: Equivalent pipe length (m)
α: Capacity correction factor

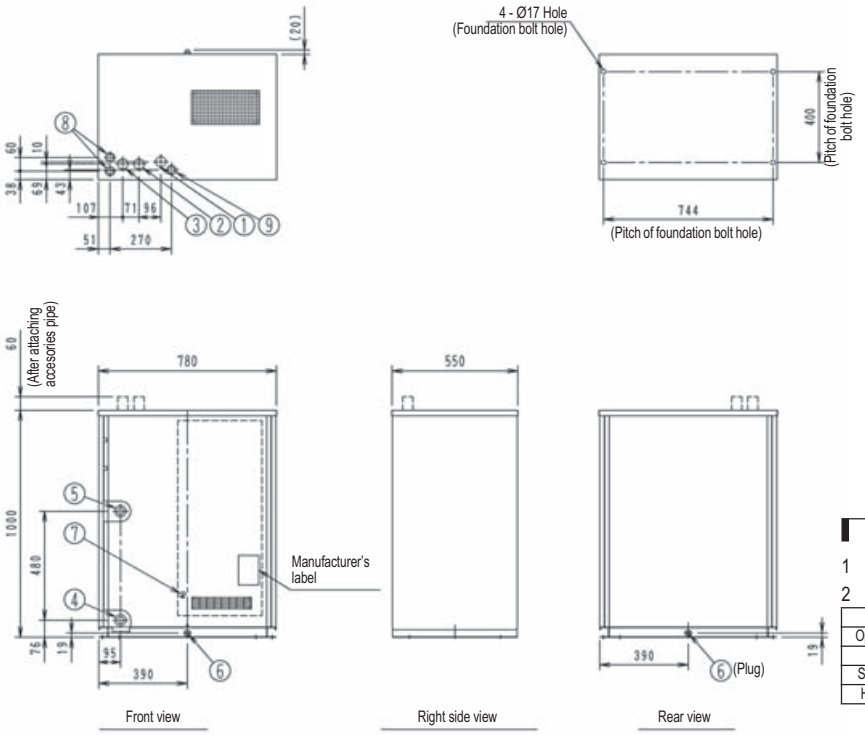
Diameter of pipe

Model	liquid
RWEYQ10PR	ø9.5

5 Dimensional drawing & centre of gravity

5 - 1 Dimensional drawing

RWEYQ8-10PR



Nr	Name	Description
1	Liquid pipe	see note 2
2	Suction gas pipe connection	see note 2
3	HP/LP gas pipe	see note 2
4	Water inlet	PT $1^{1}/_{4}$B internal thread
5	Water outlet	PT $1^{1}/_{4}$B internal thread
6	Drain outlet	PS $^{1}/_{2}$ B internal thread
7	Earth terminal	M5
8	Power cord through hole	Ø29
9	Wiring through hole	Ø29

NOTE

1 Earth terminal is in the switch box.

2 Piping size is as follows.

Model name	RWEYQ8PR		RWEYQ10PR	
Operation system	Heat pump	Heat recovery	Heat pump	Heat recovery
Liquid pipe	Ø9.5	Ø9.5	Ø9.5	Ø9.5
Suction gas pipe		Ø19.1		Ø22.2
HP/LP gas pipe	Ø19.1	Ø15.9	Ø22.2	Ø19.1

*connection method Liquid Pipe: flare connection

Suction gas pipe, HP/LP gas pipe } : brazing connection

*In the case of heat pump system, suction gas pipe is not used

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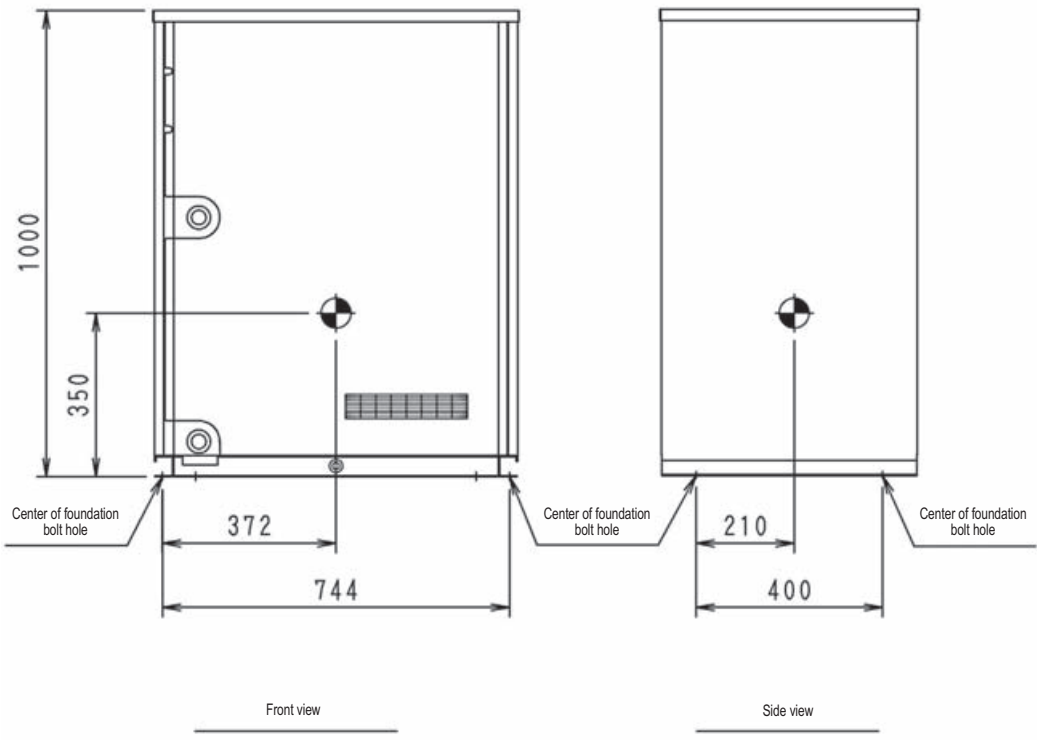
5 - 2 Centre of gravity

RWEYQ8,10PR



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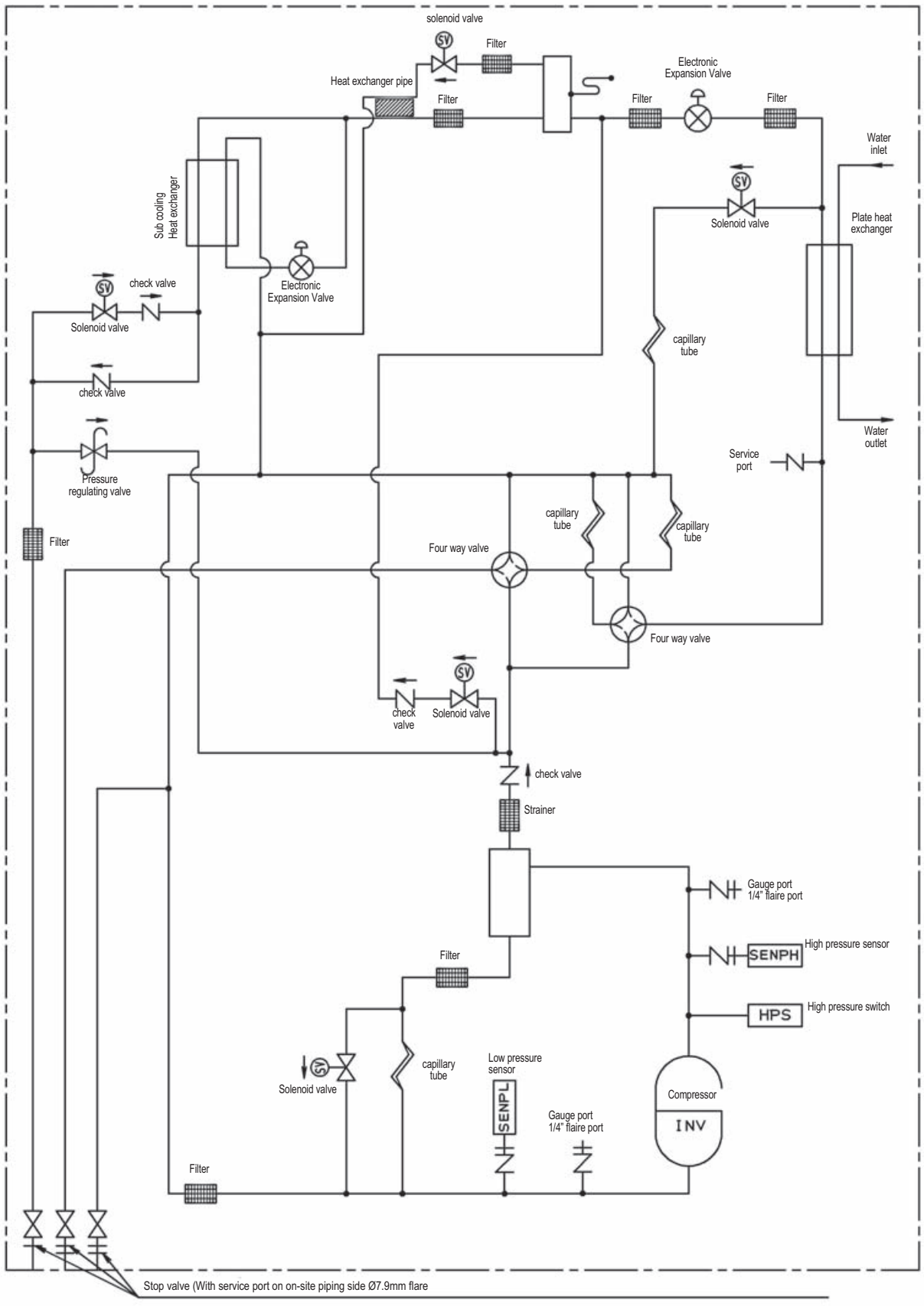
6 Piping diagram

RWEYQ8-10PR



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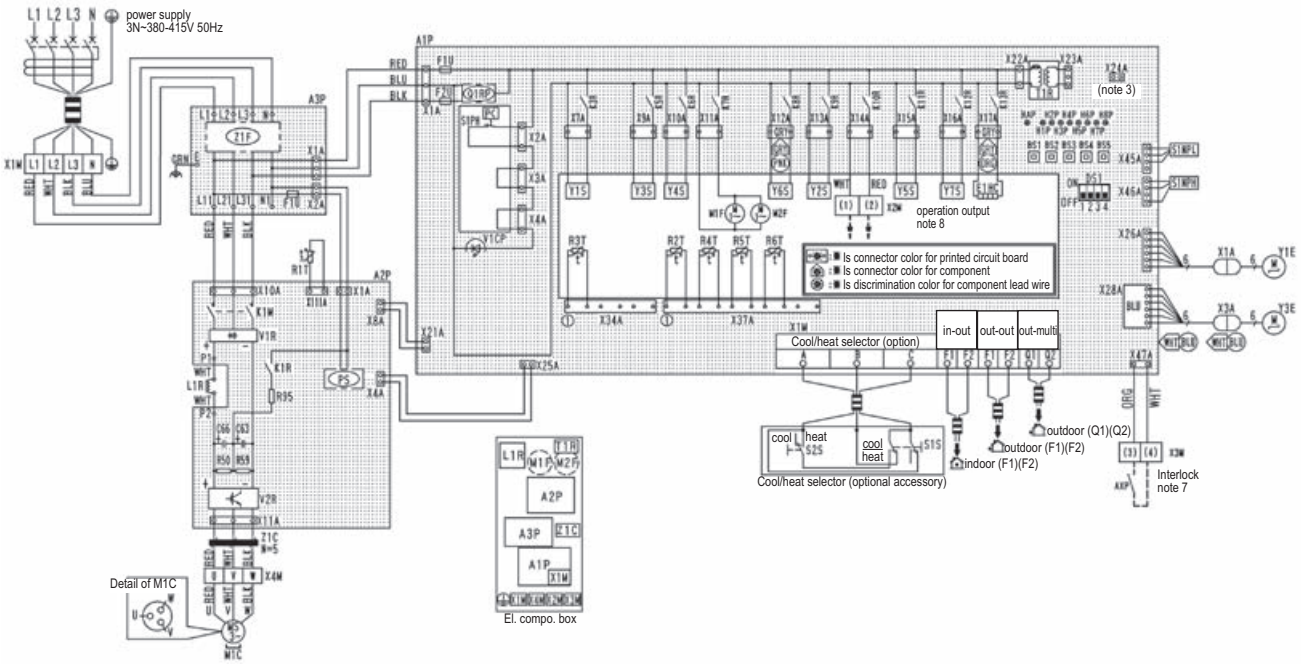
7 Wiring diagram

7 - 1 Wiring diagram

RWEYQ8-10PR



A1P	Printed circuit board (Main)	K12R	Magnetic relay (Y7S)(A1P)	X1M	Terminal strip (Control)(A1P)
A2P	Printed circuit board (INV)	K13R	Magnetic relay (E1HC)(A1P)	X2M	Terminal strip (operation output)
A3P	Printed circuit board (Noise filter)	L1R	Reactor	X3M	Terminal strip (interlock)
BS1~5	Push button switch (Mode, set, return, test, reset)	M1C	Motor (compressor)	X4M	Terminal strip (M1C)
		M1F,M2F	Motor (fan, inverter cooling)	Y1E	Electronic expansion valve (main)
C63,C66	Capacitor	PS	Switching power supply	Y3E	Electronic expansion valve (Sub cool)
DS1	Dip switch	Q1RP	Phase reversal detect circuit (A1P)	Y1S	Solenoid valve (hot gas bypass)
E1HC	Crankcase heater	R50,R59	Resistor	Y2S	Solenoid valve (oil recovery)
F1U	Fuse (250V, 5A, ⓑ)(A3P)	R95	Resistor (current limiting)	Y3S	Solenoid valve (receiver pressurization)
F1U, F2U	Fuse (250V,10A, ⓑ)(A1P)	R1T	Thermistor (Fin)(A2P)	Y4S	Solenoid valve (receiver gas purge)
H1P~8P	Pilotlamp (service monitor-green) (A1P) [H2P] prepare, test ---------- flickering malfunction detection ------- light up	R2T	Thermistor (Suction)	Y5S	Solenoid valve (4 way valve) (main)
		R3T	Thermistor (M1C discharge)	Y6S	Solenoid valve (liquid pipe)
		R4T	Thermistor (hex gas pipe)	Y7S	Solenoid valve (4 way valve) (heat exchanger)
HAP	Pilotlamp (service monitor green) (A1P)	R5T	Thermistor (sub cooling hex)	Z1C	Noise filter (ferrite core)
K1M	Magnetic contactor (M1C)(A2P)	R6T	Thermistor (Receiver liq. pipe)	Z1F	Noise filter (with surge absorber)
K1R	Magnetic relay (A2P)	S1NPH	Pressure sensor (High)		
K3R	Magnetic relay (Y1S)(A1P)	S1NPL	Pressure sensor (Low)	COOL/HEAT SELECTOR	
K5R	Magnetic relay (Y3S)(A1P)	S1PH	Pressure switch (High)	S1S	Selector switch (fan/cool - heat)
K6R	Magnetic relay (Y4S)(A1P)	T1R	Transformer (220-240V/20V)	S2S	Selector switch (cool/heat)
K7R	Magnetic relay (M1F,M2F)(A1P)	V1CP	Safety devices input		
K8R	Magnetic relay (Y6S)(A1P)	V1R	Diode bridge (A2P)	RED: red	GRY: grey
K9R	Magnetic relay (Y2S)(A1P)	V2R	Power module (A2P)	BLK: black	PNK: pink
K10R	Magnetic relay (operation output) (A1P)	X1A,X3A	Connector (Y1E,Y3E)	WHT: white	ORG: orange
K11R	Magnetic relay (Y5S)(A1P)	X1M	Terminal strip (power supply)	BLU: blue	

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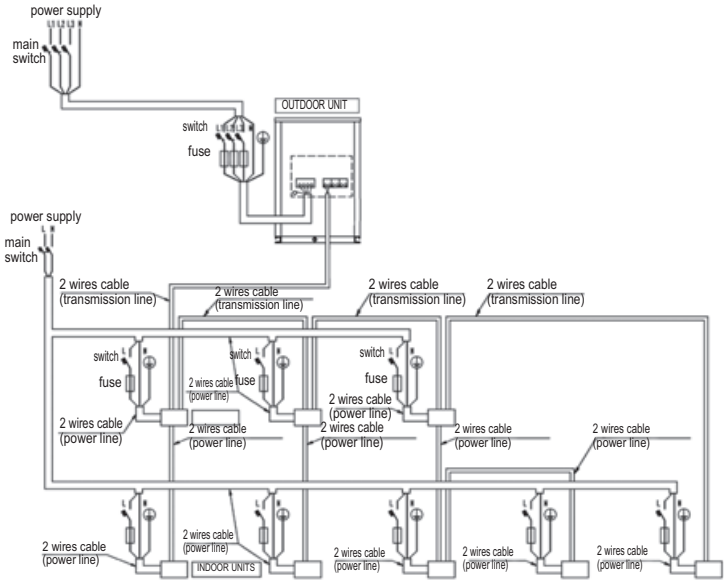
NOTES

1. This wiring diagram is applied only to the outdoor unit
2. ☐☐☐☐: Terminal strip ⊡⊡: connector —○—: terminal ═══: Field wiring ⏚: protective earth (screw)
3. When using the optional adapter, refer to the installation manual.
4. Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1-F2, outdoor-outdoor transmission F1-F2, outdoor-multi transmission Q1-Q2
5. Refer to 'service precaution' label (on el.compo.box cover), how to use BS1~BS5 and DS1 switch.
6. When operating, don't shortcircuit the protection device (S1PH).
7. Be sure to connect an interlock circuit between the terminal (3)-(4) of terminal strip (X3M)
8. Install a heat source water pump operation circuit between the terminal (1)-(2) of terminal strip (X2M), when interlocking a heat source water pump and system operation.
9. Cool/heat selector cannot be connected when operating heat recovery system.

7 Wiring diagram

7 - 2 External connection diagram

RWEYQ-PR-[HEAT RECOVERY]



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 conducters 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.

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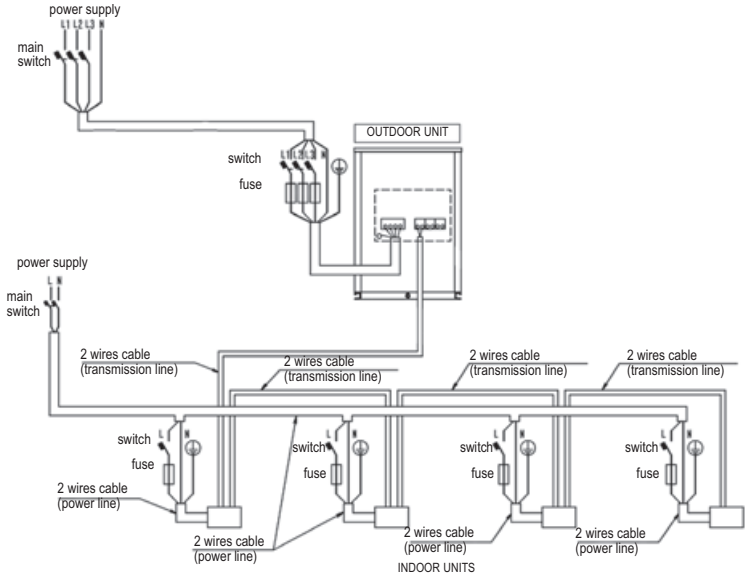
RWEYQ-PR-[HEAT PUMP]



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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.

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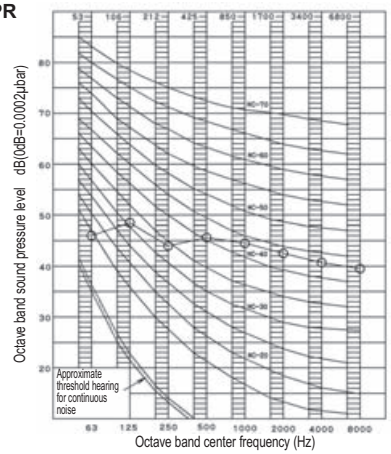
8 Sound data

8 - 1 Sound pressure spectrum

RWEYQ8PR



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NOTE

Scale	50Hz
A	50
C	53

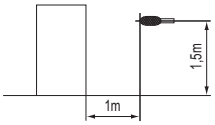
1 Over All (dB):
(B, G, N is already rectified)

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

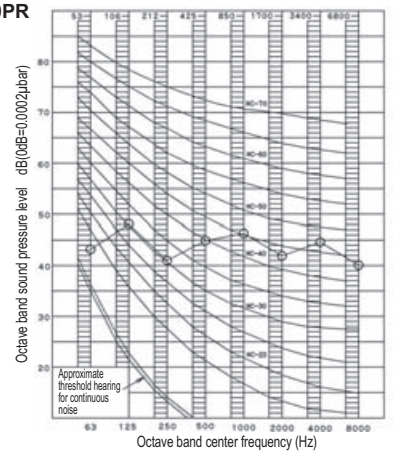
3 Measuring place: Anechoic chamber (conversion value)

4 The operation sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to enviromental noise and reflection

5 Location of microphone



RWEYQ10PR



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NOTE

Scale	50Hz
A	51
C	53

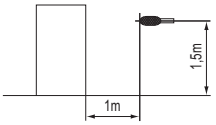
1 Over All (dB):
(B, G, N is already rectified)

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

3 Measuring place: Anechoic chamber (conversion value)

4 The operation sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to enviromental noise and reflection

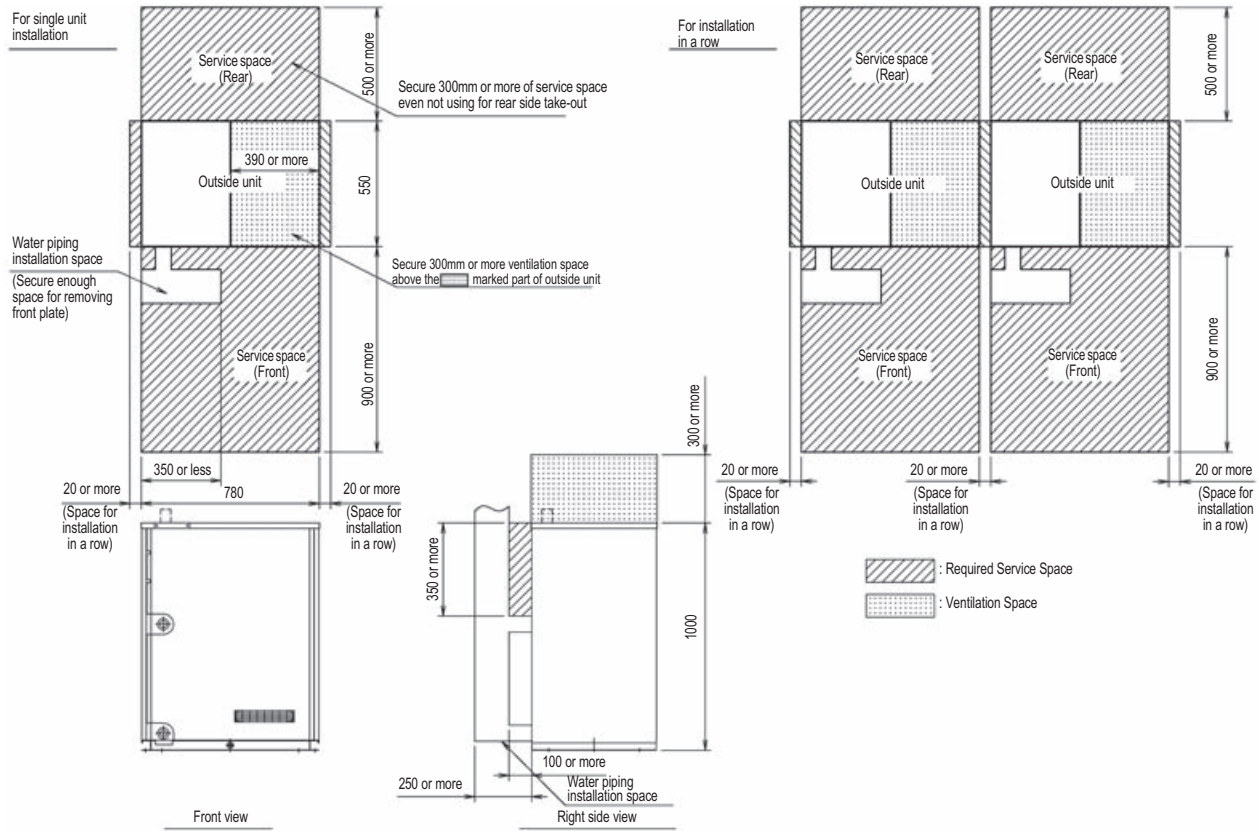
5 Location of microphone



9 Installation

9 - 1 Service space

RWEYQ8-10PR



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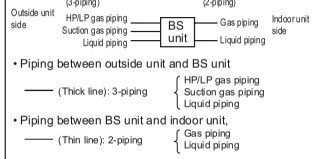
Example of connection

(Connection of 8 indoor units Heat pump system)

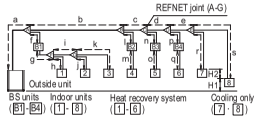


• Piping between outside unit and BS unit
—— (Thick line): 3-piping { HP/LP gas piping, Suction gas piping, Liquid piping
• Piping between BS unit and indoor unit,
—— (Thin line): 2-piping { Gas piping, Liquid piping

Single outside unit system

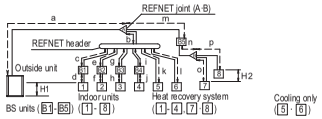
Branch with REFNET joint

Example 1



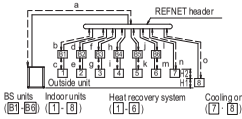
Branch with REFNET joint and REFNET header

Example 2



Branch with REFNET header

Example 3



			Branch with REFNET joint	Branch with REFNET joint and REFNET header	Branch with REFNET header
Maximum allowable length	Between outside and indoor units	Actual pipe length	Pipe length between outside (*) and indoor units ≤ 120m (Example 1) unit 8: a + b + c + d + e + s ≤ 120m	(Example 2) unit 6: a + b + l ≤ 120m, 8: a + m + n + p ≤ 120m	(Example 3) unit 8: a + o ≤ 120m
		Equivalent length	Equivalent pipe length between outside and indoor units ≤ 140m (Note 1) (assume equivalent pipe length of REFNET joint to be 0.5m, that of REFNET header to be 1m, BSVQ100,160 is 4 m and BSVQ250 is 6m.)		
		Total extension length	Total piping length from outside unit to all indoor units ≤ 300m		
Allowable height length	Between outside and indoor units	Difference in height	Difference in height between outside and indoor units (H1) ≤ 50m (Max 40m if the outside unit is below)		
	Between indoor and indoor units	Difference in height	Difference in height between indoor units (H2) ≤ 15m		
	Between outside and outside units	Difference in height	Difference in height between outside unit (main) and outside unit (sub) (H3) ≤ 2m		
Additional piping limitations based on inlet water temperature in cooling refer to table: piping limitations based on inlet water temperature in cooling mode (Brine concentration 40%)					
Allowable length after the branch		Actual pipe length	Pipe length from first refrigerant branch kit (either REFNET joint or REFNET header) to indoor unit ≤ 40m (Note 2) (Example 1) unit 8: b + c + d + e + s ≤ 40m	(Example 2) unit 6: b + l ≤ 40m, 8:m + n + p ≤ 40m	(Example 3) unit 8: o ≤ 40m

Refrigerant branch kit selection

Refrigerant branch kits can only be used with R410A.

How to select REFNET joint:
- When using REFNET joints at the first branch counted from the outside unit side.
  Choose from the following table in accordance with the capacity of the outside unit.
  (Example 1,2,4,5 : REFNET joint◁)

Outside unit capacity type	Refrigerant branch kit name	
	Heat recovery system	Heat pump system
RWEYQ8, 10 type	KHRQ23M29T9	KHRQ22M29T9

- For REFNET joints other than the first branch, select the proper branch kit model based on the total capacity index.

Indoor capacity index	Refrigerant branch kit name	
	In case of 3-tube piping	In case of 2-tube piping
< 200	KHRQ23M20T	KHRQ22M20T
200 ≤ x < 290	KHRQ23M29T9	KHRQ22M29T9
290 ≤ x < 640	KHRQ23M64T	KHRQ22M64T

How to select REFNET header
- Select suitable one from the table below according to the total capacity of indoor units to be connected to the downstream of REFNET header.
- Be careful that 250 type cannot be connected to the downstream of REFNET header.

Indoor capacity index	Refrigerant branch kit name	
	In case of 3-tube piping	In case of 2-tube piping
< 200	KHRQ23M29H	KHRQ22M29H
200 ≤ x < 290		KHRQ22M29H
290 ≤ x < 640	KHRQ23M64H	KHRQ22M64H

Example of downstream indoor units	(Example 1) In case of REFNET Joint ◁, indoor units of 5 + 6 + 7 + 8	(Example 2) In case of REFNET Joint ◁, indoor units of 7 + 8 (Example 2) In case of REFNET Header, indoor units of 1 + 2 + 3 + 4 + 5 + 6	(Example 3) In case of REFNET Header, indoor units of 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8

Pipe size selection

⚠ **Caution**
The thickness of the pipes in the table shows the requirements of Japanese High Pressure Gas Control low. (As of Jan. 2003)
The thickness and material shall be selected in accordance with local code.

Piping between outside unit and refrigerant branch kit (part A)
Piping between outside branch and outside unit (part C)
- Match to the size of connection piping of outside unit (Unit: mm)

Capacity type of outside unit	Piping size (outer diameter × Min. thickness)		
	Suction gas pipe	HP/LP gas pipe	Liquid pipe
RWEYQ8	ϕ19.1 × 0.80	ϕ15.9 × 0.99	ϕ 9.5 × 0.80
RWEYQ10	ϕ22.2 × 0.80	ϕ19.1 × 0.80	

Piping between refrigerant branch kit and refrigerant branch kit/BS unit
Piping between BS unit and refrigerant branching kit
- Select one from the table below according to the total capacity of indoor units to be connected to downstream.
- For the gas piping size in case of 2-tube piping between refrigerant branching kit/BS unit and refrigerant branching kit, select the size of suction gas piping.
- The size of connection piping should not exceed the refrigerant piping size selected under the generic term of the system. (Unit: mm)

Indoor capacity index	Piping size (outer diameter × minimum wall thickness)		
	Suction gas pipe	HP/LP gas pipe	Liquid pipe
< 150	ϕ15.9 × 0.99	ϕ12.7 × 0.80	ϕ 9.5 × 0.80
150 ≤ x < 200	ϕ19.1 × 0.80	ϕ15.9 × 0.99	
200 ≤ x < 290	ϕ22.2 × 0.80	ϕ19.1 × 0.80	
290 ≤ x < 420	ϕ28.6 × 0.99		ϕ12.7 × 0.80

Piping between BS unit (refrigerant branch kit) and indoor unit
- Match to the size of the connection piping on the indoor unit.

Indoor unit connection piping size (Unit:mm)

Indoor capacity type	Piping size (outer diameter × minimum wall thickness)	
	Gas pipe	Liquid pipe
20, 25, 32, 40, 50 type	ϕ12.7 × 0.80	ϕ6.4 × 0.80
63, 80, 100, 125 type	ϕ15.9 × 0.99	ϕ9.5 × 0.80
200 type	ϕ19.1 × 0.80	ϕ9.5 × 0.80
250 type	ϕ22.2 × 0.80	

How to calculate the additional refrigerant to be charged

Additional referigerant to be charged R (kg)
(R should be rounded off in units of 0.1kg.)

R= (Total length (m) of liquid piping size at ϕ22.2) ×0.37 (kg/m) + (Total length (m) of liquid piping size at ϕ19.1) ×0.26 (kg/m) + (Total length (m) of liquid piping size at ϕ15.9) ×0.18 (kg/m) + (Total length (m) of liquid piping size at ϕ12.7) ×0.12 (kg/m)
+ (Total length (m) of liquid piping size at ϕ9.5) ×0.059 (kg/m) + (Total length (m) of liquid piping size at ϕ6.4) ×0.022 (kg/m) + Corrected volume by outside unit

System name	Heat pump system	Heat recovery system
RWEYQ8-10	3 kg	4 kg

Example for refrigerant branch using REFNET joint and REFNET header for RWEYQ30
(Heat recovery system)
If the outside unit is RWEYQ8 and the piping lengths are as at right

a : ϕ19.1×30m	e : ϕ 9.5×10m	i : ϕ12.7×10m	m: ϕ 6.4×10m
b : ϕ15.9×10m	f : ϕ 9.5×10m	j : ϕ 6.4×10m	n : ϕ 6.4×10m
c : ϕ 9.5×10m	g : ϕ 6.4×10m	k : ϕ 6.4×10m	o : ϕ 6.4×10m
d : ϕ 9.5×10m	h : ϕ 6.4×20m	l : ϕ 6.4×10m	p : ϕ 6.4×10m

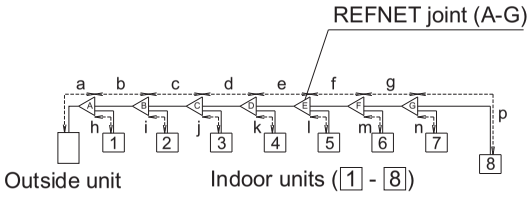
R= 30 × 0.26 + 10 × 0.18 + 10 × 0.12 + 40 × 0.059 + 100 × 0.022 + 4 = 24.36 ⇩ 24.7 (kg)
a, b, i, c+d+e+f, g+h+j+k+l+m+n+o+p

Note 1.
When the equivalent pipe length between outside and indoor units is 80m or more, the size of main pipes on the liquid side (refer to figure 21) must be increased according to the right table.
(Never increase suction gas pipe and HP/LP gas pipe.)

System	Liquid pipe
RWEYQ8, 10PR	ϕ9.5 → ϕ12.7

(Refer to figure 21)
1.Outside unit
2.Main pipes
3.Increase only liquid pipe size
4.First refrigerant branch kit
5.Indoor uni

Note 2. Allowable length after the first refrigerant branch kit to indoor units is 40m or less, however it can be extended up to 90m if all the following conditions are satisfied. (In case of "**Branch with REFNET joint**")

Required Conditions	Example Drawings	
1. It is necessary to increase the liquid and suction gas pipe size between the first branch kit and the final branch kit. (Reducers must be procured on site) However, the pipes that are same pipe size with main pipe must not be increased.	[8] b+c+d+e+f+g+p≤ 90 m increase the liquid and suction gas pipe size of b, c, d, e, f, g	Increase the liquid and suction gas pipe size as follows ϕ 9.5 → ϕ12.7 ϕ15.9 → ϕ19.1 ϕ22.2 → ϕ25.4* ϕ34.9 → ϕ38.1* ϕ12.7 → ϕ15.9 ϕ19.1 → ϕ22.2 ϕ28.6 → ϕ31.8*
2. For calculation of Total extension length, the actual length of above pipes must be doubled. (except main pipe and the pipes that are not increased)	a+b×2+c×2+d×2+e×2+f×2+g×2 +h+i+j+k+l+m+n+p ≤ 300 m	
3. Indoor unit to the nearest branch kit ≤ 40 m	h, i, j..... p ≤ 40 m	
4. The difference between [Outside unit to the farthest indoor unit] and [Outside unit to the nearest indoor unit] ≤ 40 m	The farthest indoor unit [8] The nearest indoor unit [1] (a+b+c+d+e+f+g+p)-(a+h)≤ 40 m	

*If available on the site, use this size. Otherwise it can not be increased.

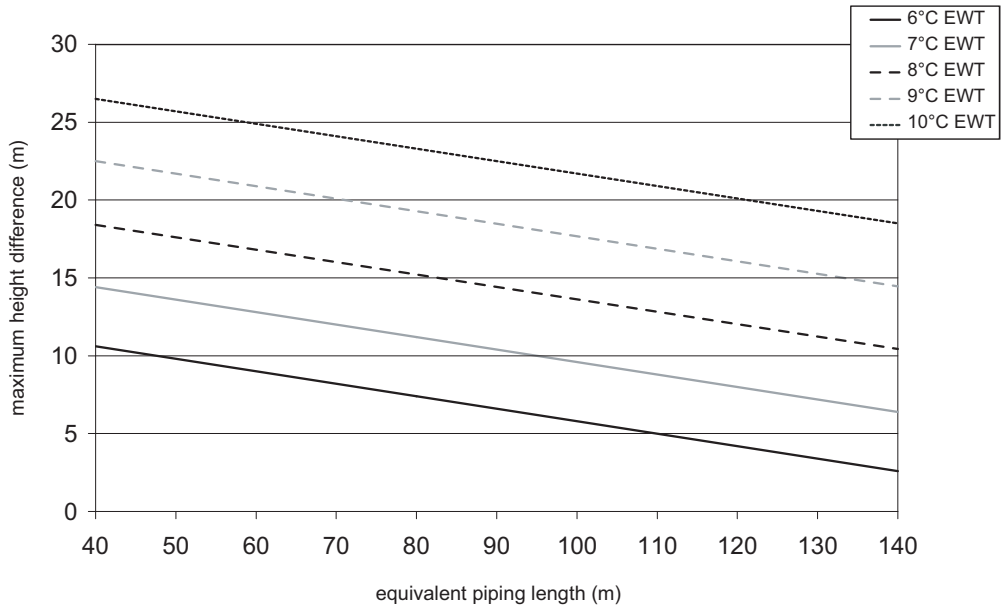
This table is about a heat recovery system (3-piping: suction gas, HP/LP gas and liquid pipes).
In a case of heat pump system (2-piping: gas and liquid pipes), select the pipe size from suction gas pipe for gas pipes and from liquid gas pipe for liquid pipes. And BS unit is not required.

9 Installation

9 - 2 Refrigerant pipe selection

RWEYQ-PR

Piping limitations based on water inlet temperature in cooling mode (Brine concentration 40%)



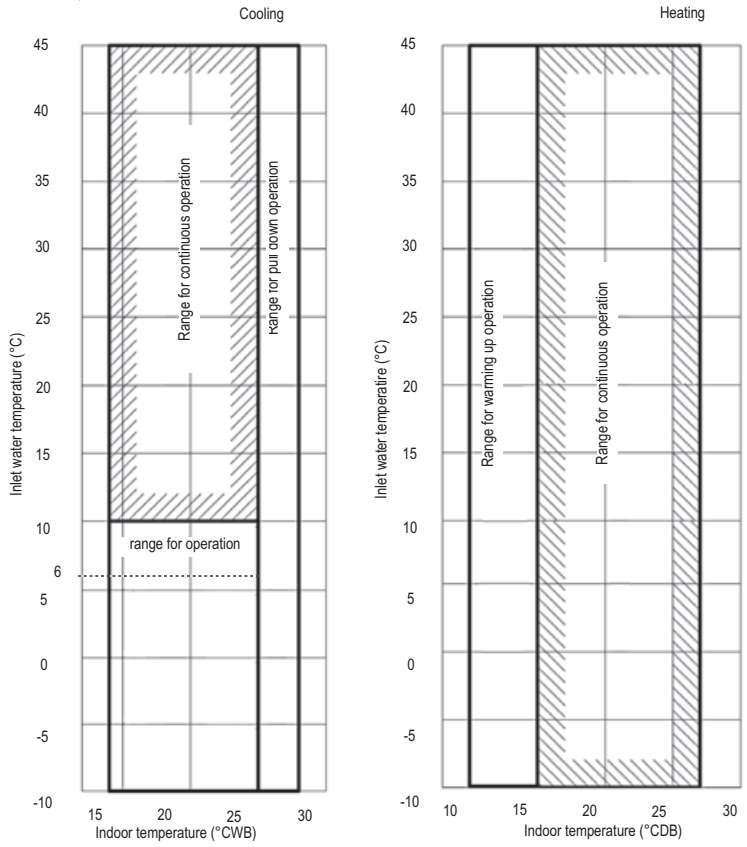
NOTE

1 Maximum allowable height difference in cooling mode:

equivalent piping length (m)	6°C EWT	7°C EWT	8°C EWT	9°C EWT	10°C EWT	12°C EWT	15°C EWT
40	10.6	14.4	18.4	22.5	26.5	34.9	48.2
80	7.4	11.2	15.2	19.3	23.3	31.7	45.0
140	2.6	6.4	10.4	14.5	18.5	26.9	40.2

10 Operation range

RWEYQ-PR



NOTES

1 This figure shows the range which can be operated, when it is the water volume shown below.
80~150L/min
2 When using Inlet Water Temperatures (IWT) lower than 20°C in heating mode, it is advised to reduce the Connection Ratio in function of the low water temperature, to guarantee indoor comfort in heating.
3 When cooling load is small, thermostat-off may be carried out for freeze-up protection.
4 Hold ambient temperature at 0~40°C and humidity at 80%RH or less.
5 If cooling load > heating load: please use cooling table
If heating load > cooling load: please use heating table

Range for continuous operation

: Cooling

: Heating

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