DAIKIN

EEDEN08-201

technical data

air conditioning systems

RWEYQ-MY1

R-410A

VRV-WII

2b

TABLE OF CONTENTS

RWEYQ-MY1

1 Specifications 2
Technical Specifications 2
Water flow head loss 3
Electrical Specifications 3

2 Options 4
Option list 4
Detailed info 4

3 Capacity tables 9
Cooling capacity tables 9
Cooling capacity tables with glycol 24
Heating capacity tables 39
Heating capacity tables with glycol 54

4 Dimensional drawing & centre of gravity 69
Dimensional drawing 69
Centre of gravity 70

5 Piping diagram 71

6 Wiring diagram 72
Wiring diagram 72
External connection diagram 73

7 Sound data 74
Sound pressure spectrum 74

8 Installation 75
Service space 75

9 Operation range 76

1 Specifications

1-1 TECHNICAL SPECIFICATIONS				RWEYQ10MY1	RWEYQ20MY1	RWEYQ30MY1
Capacity	Cooling		kW	27.30	54.60	81.90
	Heating		kW	31.50	63.00	94.50
Capacity range			HP	10	20	30
Power input (Nominal)	Cooling		kW	6.03	12.10	18.10
	Heating		kW	6.05	12.10	18.20
Max n° of indoor units to be connected				16	20	32
Casing	Colour			Ivory white (5Y7,5/1)		
Dimensions	Unit	Height	mm	1000	1000 x 2	1000 x 3
		Width	mm	780	780 x 2	780 x 3
		Depth	mm	550	550 x 2	550 x 3
Weight	Machine Weight		kg	150	300	450
Compressor	Quantity			1	2	3
	Motor	Quantity		1	1	1
		Type		Hermetically sealed scroll compressor		
		Speed	rpm	6900	6900	6900
		Motor Output	kW	4.2	4.2	4.2
		Starting Method		Soft start		
		Quantity		-	1	1
		Type		-	Hermetically sealed scroll compressor	Hermetically sealed scroll compressor
		Speed	rpm	-	6900	6900
		Motor Output	kW	-	4.2	4.2
		Starting Method		-	Soft start	Soft start
		Quantity		-	-	1
		Type		-	-	Hermetically sealed scroll compressor
		Speed	rpm	-	-	6900
		Motor Output	kW	-	-	4.2
		Starting Method				Soft start
Sound Level	Cooling	Sound Pressure	dBA	51.0	54.0	56.0
Refrigerant	Name			R-410A		
	Charge		kg	5.2	10.4	15.6
	Control			Expansion valve (electronic type)		
Refrigerant Oil	Name			Synthetic (ether) oil		
Piping connections	Liquid (OD)	Type		Flare connection		
		Diameter (OD)	mm	9.5	15.9	19.1
	Discharge Gas	Type		Braze connection		
		Diameter (OD)	mm	22.2	28.6	34.9
	Water inlet			PT 1 1/4B internal thread		
	Water outlet			PT 1 1/4B internal thread		
	Drain outlet			PS 1/2 internal thread		
Capacity Control				23 to 100	11 to 100	8 to 100
Safety devices				HPS		
				Inverter overload protector		
				Fusible plugs		
Standard Accessories	Standard Accessories			Installation and operation manual		
	Quantity			1	1	1
	Standard Accessories			Connection pipes		
	Standard Accessories			Clamps		

1 Specifications

NOTES

1 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

2 Nominal heating capacities are based on :
- indoor temperature : 20°CDB
- inlet water temperature : 20°C
- equivalent refrigerant piping : 7.5m
- level difference : 0m

3 This unit should not be installed outdoors, but indoors eg. in a machine room, etc.

4 Indoor operating ambient temperature: 0 ~ 40°C. Heat rejection from the outdoor unit: 0,71kW/10HP.

5 Dimensions of the 20HP and 30HP units depend on the method of stacking. For more details, please refer to the Service Space drawing.

1 - 2 Water flow head loss

WATER VOLUME	L/min	50	60	96	120	150
Head loss	kPa	11.3	19.0	26.5	39.6	52.5
	mH_2O	1.2	1.9	2.7	4.1	5.3

1-3 ELECTRICAL SPECIFICATIONS				RWEYQ10MY1	RWEYQ20MY1	RWEYQ30MY1
Power Supply	Name			Y1		
	Phase			3	3	3
	Frequency		Hz	50	50	50
	Voltage		V	380-415		
Current	Nominal running current (RLA)	Cooling	A	9.50	19.00	28.50
		Heating	A	9.50	19.00	28.50
	Minimum circuit amps (MCA)		A	12.60	25.30	37.90
	Maximum fuse amps (MFA)		A	25.00	35.00	45.00
	Total overcurrent amps (TOCA)		A	13.50	27.00	40.50
Voltage range	Minimum		V	342	342	342
	Maximum		V	456	456	456

NOTES

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

2 TOCA means the total value of each OC set

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

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

5 Maximum allowable voltage range variation between phases is 2%

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

7 MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)

8 For more details concerning conditional connections, see http://www.daikineurope.com/extranet, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.

2 Options

2 - 1 Option list

RWEYQ-MY1

HEAT RECOVERY / HEAT PUMP		RWEYQ10MY1	RWEYQ20MY1	RWEYQ30MY1
COOL/HEAT SELECTOR		KRC19-26A		
FIXING BOX		KJB111A		
REFNET HEADER	Heat recovery	KHRQ23M29H	KHRQ23M29H, KHRQ23M64H, KHRQ23M75H	
	Heat pump	KHRQ22M29H	KHRQ22M29H, KHRQ22M64H, KHRQ22M75H	
REFNET JOINT	Heat recovery	KHRQ23M20T, KHRQ23M29T	KHRQ23M20T, KHRQ23M29T, KHRQ23M64T, KHRQ23M75T	
	Heat pump	KHRQ22M20T, KHRQ22M29T	KHRQ22M20T, KHRQ22M29T, KHRQ22M64T, KHRQ22M75T	
OUTDOOR UNIT MULTI CONNECTION PIPING KI	Heat recovery	-	BHFP26MA56	BHFP26MA84
	Heat pump	-	BHFP22MA56	BHFP22MA84
WATER PIPING STRAINER		BWU26A15 (1.47MPa); BWU26A20 (1.96MPa)		

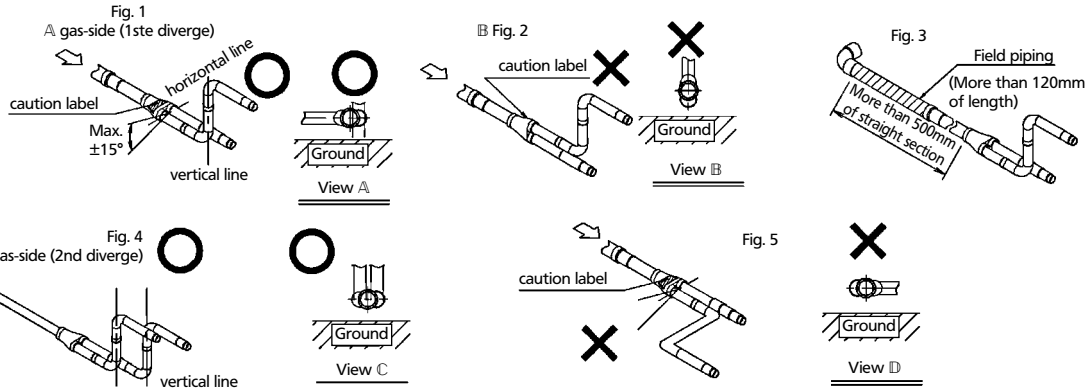
2 - 2 Detailed info

2 - 2 - 1 Outdoor unit multi connection piping (BHFP22MA56/BHFP22MA84)

2 - 2 - 1 - 1 General

① **Restrictions on installing multi connection piping kit**

- Install the joint horizontally so that the caution label attached to joint comes to the top. Do not tilt the joint more than ±15°. (See Fig. 1). In addition, do not install the joint vertically. (See Fig. 2)
- Make sure the piping up to the joint is straight for more than 500 mm. Do not bend the field piping within this range.
  If a straigth field piping more than 120mm is connected, more than 500mm of straight section can be ensured. (See Fig. 3)
- Improper installation may lead to malfunction of the outside unit.
- Set up the part of L bend of the gas piping to be vertical and upward after it diverges. (See Fig. 1.4)
- In addition, do not install it as shown in Fig 5.



2 Options

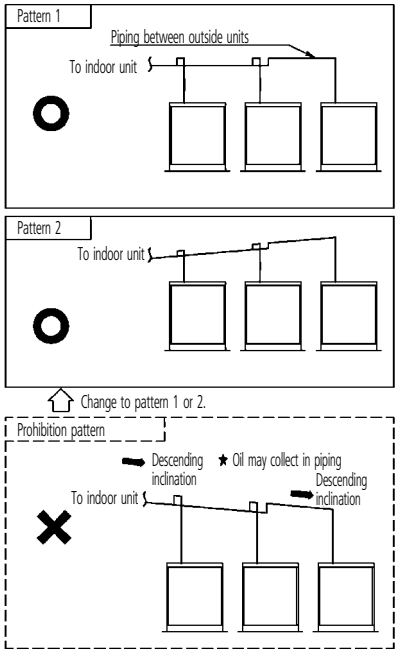
2 - 2 Detailed info

2 - 2 - 1 Outdoor unit multi connection piping (BHFP22MA56/BHFP22MA84)

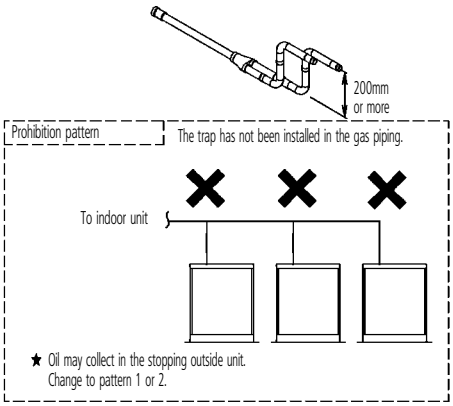
2 - 2 - 1 - 1 General

② Restrictions on piping between outside units

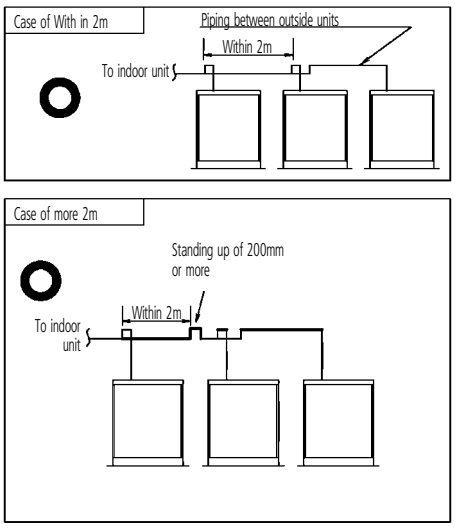
1 Set it up to become the horizontal or uphill so that oil might collect in piping as for the piping between outside units.



2 Take the trap of 200mm or more in the gas piping by using accessory pipe attached to this kit, after it diverges. The refrigerative collects in piping and it causes the outside unit breakdown.



3 Install standing up of 200mm or more from the kit between the outside unit connection piping kits to the position within 2m only in gas tube.



2 Options

2 - 2 Detailed info

2 - 2 - 1 Outdoor unit multi connection piping (BHFP22MA56/BHFP22MA84)

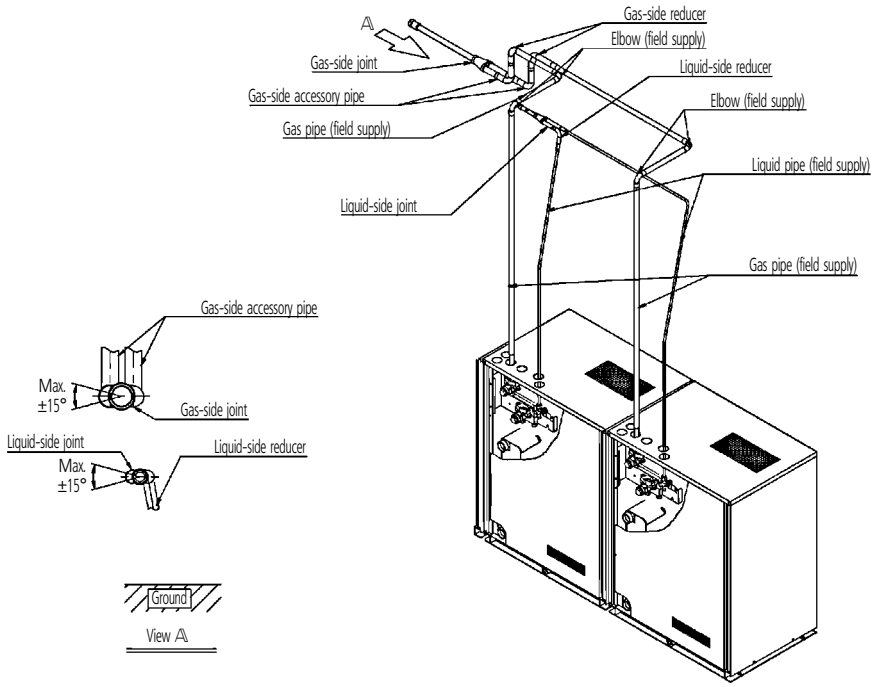
2 - 2 - 1 - 2 Installation examples

① Installation examples: Procedure for upper connection (BHFP22MA56)

Connection of gas and liquid pipes

Please be sure to read “Restrictions on installing multi connection piping kit” and “Restriction on piping between outside units”.

- Connect the gas liquid pipes as shown in the figure at the right. (When connecting the pipes, first connect the gas-side joint, the gas-side accessory pipe and the gas side reducer, the liquid-size joint and the liquid-size reducer.)
- See the caution section in the installation manual attached to the outside unit for brazing pipes and connecting pipes with flare nuts.
- Install the joint in such a way that the attached face of the caution label becomes horizontal (See the view A).

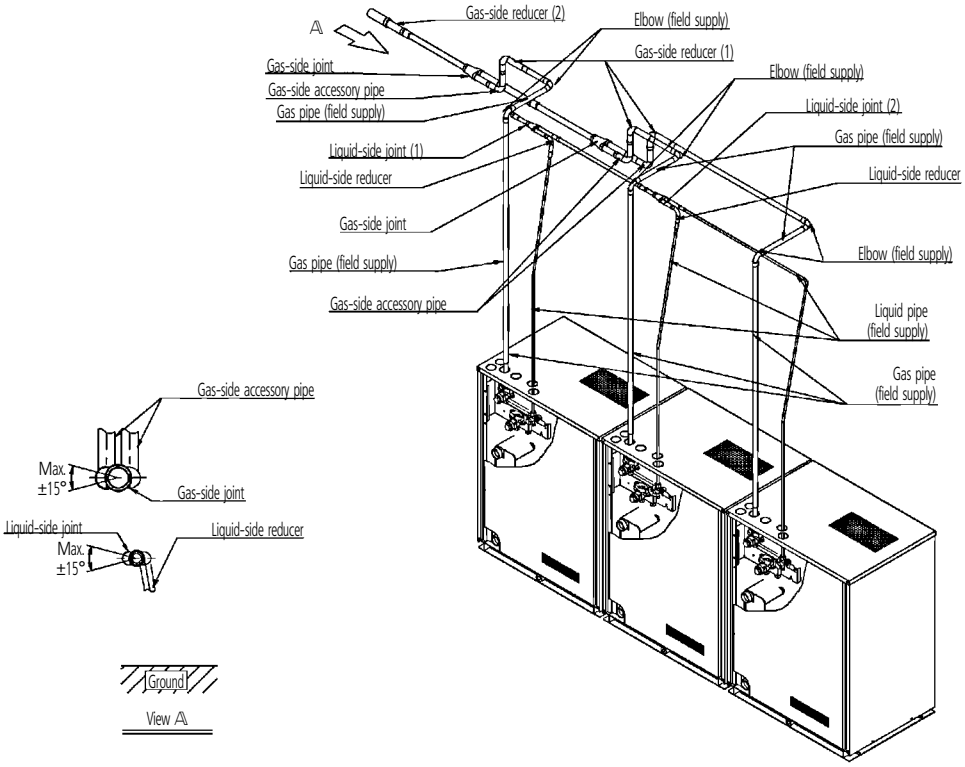


② Installation examples: Procedure for upper connection (BHFP22MA84)

Connection of gas and liquid pipes

Please be sure to read “Restrictions on installing multi connection piping kit” and “Restriction on piping between outside units”.

- Connect the gas liquid pipes as shown in the figure at the right. (When connecting the pipes, first connect the gas-side joint, the gas-side accessory pipe and the gas side reducer, the liquid-size joint and the liquid-size reducer.)
- See the caution section in the installation manual attached to the outside unit for brazing pipes and connecting pipes with flare nuts.
- Install the joint in such a way that the attached face of the caution label becomes horizontal (See the view A).

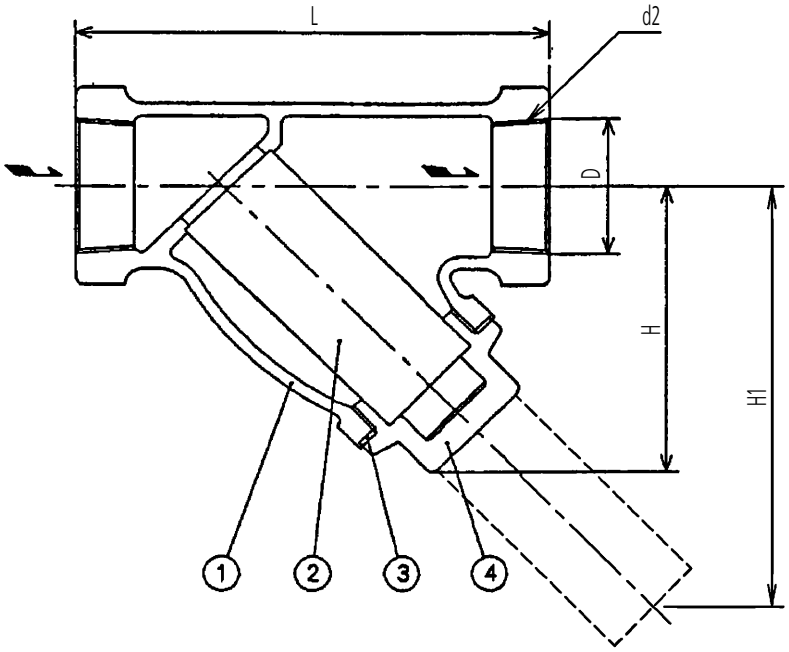


2 Options

2 - 2 Detailed info

2 - 2 - 2 Water piping strainer (BWU26A15/BWU26A20)

2 - 2 - 2 - 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

2 - 2 - 2 - 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)

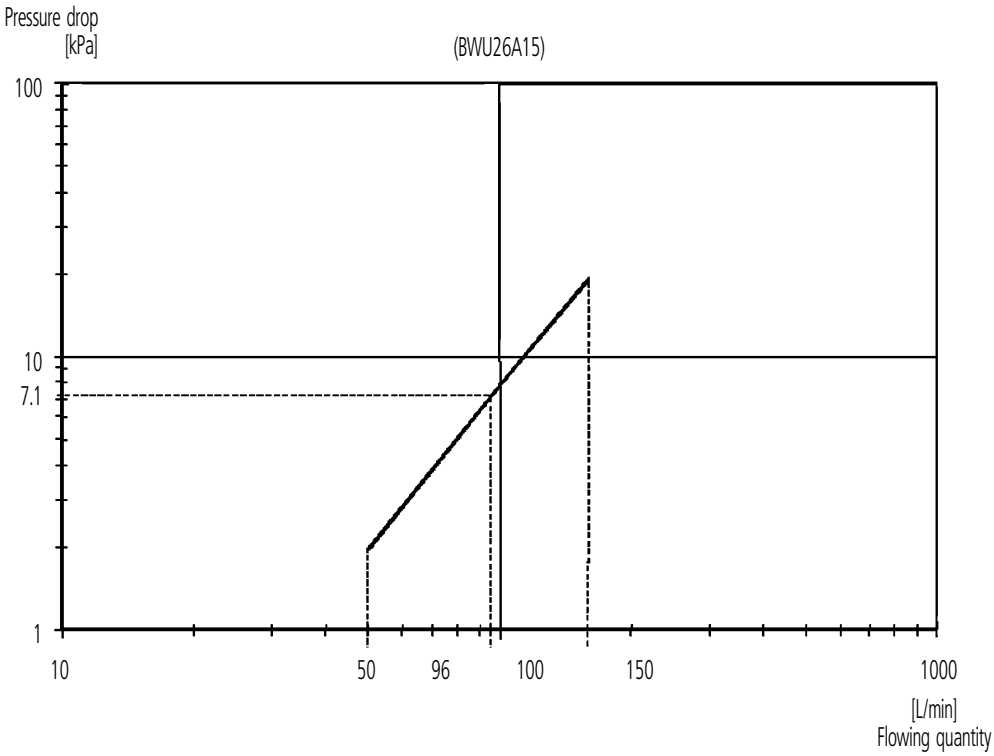
Mesh size: 50 mesh

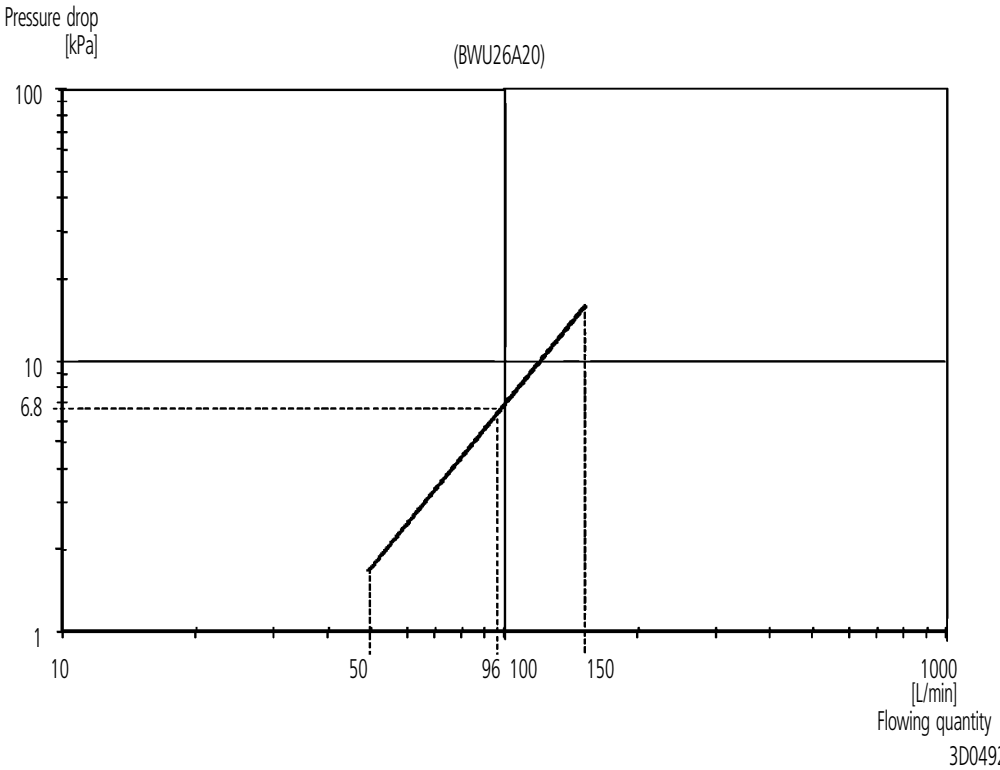
2 Options

2 - 2 Detailed info

2 - 2 - 2 Water piping strainer (BWU26A15/BWU26A20)

2 - 2 - 2 - 3 Flowing quantity characteristic





3D049231

3 Capacity tables

3 - 1 Cooling capacity tables

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
130	10	50	23.4	3.48	17.7	27.9	4.63	19.3	30.5	4.90	20.2	31.0	4.92	20.3	31.4	4.94	20.4	32.1	4.97	20.6	32.6	4.99	20.8
		60	23.4	3.41	16.4	27.9	4.54	17.8	30.7	4.85	18.5	31.1	4.87	18.6	31.5	4.89	18.7	32.2	4.92	18.9	32.8	4.94	19.0
		96	23.4	3.24	14.0	27.9	4.31	14.8	31.1	4.72	15.3	31.5	4.74	15.4	31.9	4.76	15.5	32.7	4.79	15.6	33.2	4.81	15.7
		120	23.4	3.18	13.2	27.9	4.22	13.8	31.2	4.67	14.3	31.7	4.69	14.3	32.1	4.71	14.4	32.8	4.74	14.5	33.4	4.76	14.6
	15	50	23.4	3.60	22.7	27.9	4.79	24.4	30.0	5.04	25.0	30.4	5.06	25.2	30.8	5.08	25.3	31.5	5.11	25.5	32.0	5.13	25.6
		60	23.4	3.53	21.4	27.9	4.70	22.8	30.1	4.99	23.4	30.6	5.01	23.5	31.0	5.03	23.6	31.6	5.06	23.8	32.2	5.08	23.9
		96	23.4	3.35	19.0	27.9	4.46	19.8	30.5	4.85	20.3	30.9	4.88	20.3	31.4	4.90	20.4	32.1	4.93	20.5	32.6	4.95	20.6
		120	23.4	3.29	18.2	27.9	4.37	18.9	30.6	4.80	19.2	31.1	4.82	19.3	31.5	4.84	19.3	32.2	4.88	19.4	32.8	4.90	19.5
	20	50	23.4	3.74	27.8	27.9	4.98	29.4	29.3	5.18	29.9	29.7	5.21	30.0	30.1	5.23	30.1	30.7	5.26	30.3	31.2	5.28	30.4
		60	23.4	3.67	26.5	27.9	4.89	27.8	29.4	5.13	28.3	29.8	5.16	28.4	30.2	5.18	28.5	30.9	5.21	28.6	31.3	5.23	28.7
		96	23.4	3.49	24.0	27.9	4.64	24.9	29.8	4.99	25.2	30.2	5.02	25.3	30.6	5.04	25.3	31.3	5.07	25.4	31.8	5.09	25.5
		120	23.4	3.42	23.2	27.9	4.55	23.9	29.9	4.94	24.2	30.4	4.96	24.2	30.8	4.98	24.3	31.4	5.01	24.4	31.9	5.03	24.4
	25	50	23.4	4.41	33.0	27.5	5.70	34.5	28.4	5.76	34.8	28.8	5.79	34.9	29.2	5.81	35.0	29.7	5.84	35.2	30.1	5.86	35.3
		60	23.4	4.33	31.6	27.6	5.65	32.9	28.6	5.71	33.2	28.9	5.73	33.3	29.3	5.75	33.4	29.9	5.78	33.5	30.3	5.80	33.6
		96	23.4	4.11	29.1	27.9	5.48	30.0	28.9	5.55	30.1	29.3	5.58	30.2	29.7	5.60	30.3	30.3	5.63	30.4	30.7	5.65	30.4
		120	23.4	4.03	28.3	27.9	5.37	29.0	29.0	5.49	29.1	29.5	5.52	29.2	29.8	5.54	29.2	30.4	5.57	29.3	30.9	5.59	29.4
	30	50	23.4	5.22	38.2	26.5	6.28	39.4	27.4	6.35	39.7	27.7	6.37	39.8	28.1	6.39	39.9	28.6	6.42	40.0	28.9	6.43	40.1
		60	23.4	5.13	36.8	26.6	6.22	37.9	27.5	6.29	38.1	27.9	6.31	38.2	28.2	6.33	38.2	28.7	6.36	38.4	29.1	6.37	38.5
		96	23.4	4.86	34.2	27.0	6.05	34.9	27.9	6.11	35.1	28.2	6.14	35.1	28.6	6.16	35.2	29.1	6.19	35.3	29.5	6.20	35.3
		120	23.4	4.77	33.4	27.1	5.99	34.0	28.0	6.05	34.1	28.4	6.08	34.1	28.7	6.10	34.2	29.3	6.13	34.2	29.6	6.14	34.3
	35	50	23.4	6.24	43.5	25.4	6.87	44.2	26.2	6.94	44.5	26.5	6.96	44.6	26.8	6.98	44.7	27.2	7.00	44.8	27.4	7.00	44.9
		60	23.4	6.12	42.1	25.5	6.80	42.7	26.3	6.87	42.9	26.6	6.89	43.0	26.9	6.91	43.1	27.3	6.93	43.2	27.6	6.93	43.2
		96	23.4	5.81	39.4	25.8	6.62	39.8	26.6	6.68	40.0	27.0	6.71	40.0	27.3	6.73	40.1	27.7	6.75	40.1	28.0	6.75	40.2
		120	23.4	5.70	38.5	25.9	6.55	38.9	26.7	6.61	39.0	27.1	6.64	39.0	27.4	6.66	39.1	27.9	6.68	39.1	28.1	6.68	39.2
	40	50	19.0	5.06	46.9	19.6	5.10	47.1	19.9	5.11	47.2	20.0	5.11	47.2	20.0	5.09	47.2	19.8	5.04	47.1	19.4	4.95	47.0
		60	20.0	5.47	46.1	20.7	5.52	46.3	21.1	5.54	46.4	21.3	5.54	46.4	21.3	5.54	46.4	21.3	5.50	46.4	21.0	5.43	46.3
		96	22.8	6.12	44.3	23.6	6.20	44.5	24.3	6.25	44.6	24.6	6.26	44.6	24.8	6.27	44.6	25.1	6.28	44.7	25.1	6.25	44.7
		120	23.0	6.02	43.5	23.8	6.09	43.6	24.5	6.14	43.7	24.8	6.16	43.7	25.0	6.17	43.7	25.3	6.18	43.8	25.4	6.16	43.8
	45	50	13.3	3.20	49.7	13.2	3.15	49.7	12.6	3.06	49.5	12.2	3.00	49.4	11.7	2.92	49.2	10.4	2.75	48.8	8.72	2.52	48.2
		60	14.6	3.53	49.3	14.7	3.51	49.3	14.4	3.44	49.3	14.1	3.40	49.2	13.7	3.34	49.1	12.7	3.20	48.8	11.4	3.01	48.4
		96	18.2	4.63	48.4	18.7	4.66	48.5	19.0	4.66	48.5	19.0	4.65	48.5	18.9	4.63	48.5	18.6	4.56	48.5	18.0	4.46	48.4
		120	20.0	5.32	48.0	20.6	5.37	48.1	21.1	5.40	48.2	21.2	5.40	48.2	21.3	5.39	48.2	21.2	5.35	48.2	20.9	5.28	48.1
120	10	50	21.6	3.07	17.1	25.8	4.06	18.6	30.0	4.87	20.0	30.4	4.89	20.1	30.9	4.91	20.3	31.6	4.95	20.5	32.2	4.97	20.7
		60	21.6	3.01	15.9	25.8	3.98	17.1	30.0	4.81	18.3	30.6	4.84	18.5	31.0	4.86	18.6	31.8	4.90	18.8	32.4	4.92	18.9
		96	21.6	2.86	13.7	25.8	3.78	14.4	30.0	4.65	15.2	31.0	4.71	15.3	31.4	4.73	15.4	32.2	4.77	15.5	32.8	4.79	15.6
		120	21.6	2.80	12.9	25.8	3.71	13.5	30.0	4.59	14.1	31.1	4.66	14.3	31.5	4.68	14.3	32.3	4.72	14.4	33.0	4.74	14.5
	15	50	21.6	3.17	22.1	25.8	4.20	23.6	29.5	5.01	24.9	29.9	5.04	25.0	30.3	5.06	25.1	31.0	5.09	25.4	31.6	5.12	25.5
		60	21.6	3.11	20.9	25.8	4.12	22.1	29.6	4.96	23.3	30.0	4.98	23.4	30.5	5.01	23.5	31.2	5.04	23.7	31.8	5.07	23.8
		96	21.6	2.96	18.7	25.8	3.91	19.4	30.0	4.82	20.2	30.4	4.85	20.3	30.8	4.87	20.3	31.6	4.91	20.4	32.2	4.93	20.5
		120	21.6	2.90	17.9	25.8	3.84	18.5	30.0	4.76	19.1	30.6	4.80	19.2	31.0	4.82	19.3	31.7	4.85	19.4	32.3	4.88	19.4
	20	50	21.6	3.30	27.1	25.8	4.37	28.6	28.8	5.15	29.7	29.2	5.18	29.9	29.6	5.20	30.0	30.3	5.24	30.2	30.8	5.26	30.3
		60	21.6	3.24	25.9	25.8	4.29	27.2	28.9	5.10	28.1	29.3	5.13	28.2	29.7	5.15	28.3	30.4	5.19	28.5	31.0	5.21	28.6
		96	21.6	3.07	23.7	25.8	4.07	24.5	29.3	4.96	25.1	29.7	4.99	25.2	30.1	5.01	25.2	30.8	5.05	25.4	31.4	5.07	25.4
		120	21.6	3.01	22.9	25.8	3.99	23.6	29.4	4.91	24.1	29.8	4.93	24.2	30.2	4.96	24.2	31.0	4.99	24.3	31.5	5.02	24.4
	25	50	21.6	3.88	32.3	25.8	5.16	33.9	27.9	5.73	34.7	28.3	5.76	34.8	28.7	5.78	34.9	29.3	5.82	35.1	29.8	5.85	35.2
		60	21.6	3.81	31.1	25.8	5.06	32.4	28.1	5.67	33.1	28.5	5.70	33.2	28.8	5.73	33.3	29.5	5.76	33.4	30.0	5.79	33.5
		96	21.6	3.62	28.8	25.8	4.80	29.6	28.4	5.52	30.1	28.8	5.55	30.1	29.2	5.57	30.2	29.9	5.61	30.3	30.4	5.63	30.4
		120	21.6	3.55	28.0	25.8	4.71	28.6	28.5	5.46	29.1	29.0	5.49	29.1	29.4	5.51	29.2	30.0	5.55	29.2	30.6	5.58	29.3
	30	50	21.6	4.59	37.5	25.8	6.12	39.1	26.9	6.31	39.5	27.3	6.34	39.6	27.7	6.37	39.8	28.2	6.40	39.9	28.7	6.43	40.1
		60	21.6	4.51	36.2	25.8	6.00	37.6	27.1	6.25	38.0	27.4	6.28	38.1	27.8	6.30	38.1	28.4	6.34	38.3	28.8	6.36	38.4
		96	21.6	4.28	33.9	25.8	5.69	34.7	27.4	6.08	35.0	27.8	6.11	35.1	28.1	6.13	35.1	28.7	6.17	35.2	29.2	6.19	35.3
		120	21.6	4.20	33.1	25.8	5.58	33.7	27.5	6.02	34.0	27.9	6.04	34.1	28.3	6.07	34.1	28.9	6.11	34.2	29.4	6.13	34.2
	35	50	21.6	5.48	42.8	24.9	6.83	44.1	25.7	6.90	44.4	26.1	6.93	44.5	26.4	6.96	44.6	26.9	6.99	44.7	27.2	7.00	44.8
		60	21.6	5.37	41.4	25.0	6.76	42.6	25.9	6.83	42.8	26.2	6.86	42.9	26.5	6.89	43.0	27.0	6.92	43.1	27.4	6.93	43.2
		96	21.6	5.10	39.0	25.4	6.58	39.8	26.2	6.65	39.9	26.6	6.68	40.0	26.9	6.70	40.0	27.4	6.74	40.1	27.8	6.75	40.2
		120	21.6	5.00	38.2	25.5	6.51	38.8	26.3	6.58	38.9	26.7	6.61	39.0	27.0	6.63	39.0	27.5	6.67	39.1	27.9	6.68	39.1
	40	50	18.7	5.04	46.8	19.4	5.09	47.0	19.8	5.11	47.1	19.9	5.11	47.2	20.0	5.11	47.2	20.0	5.08	47.2	19.7	5.02	47.1
		60	19.7	5.44	46.0	20.4	5.50	46.2	20.9	5.53	46.3	21.1	5.54	46.4	21.2	5.54	46.4	21.3	5.53	46.4	21.2	5.49	46.4
		96	21.6	5.68	44.1	23.3	6.16	44.4	24.0	6.22	44.5	24.3	6.24	44.6	24.5	6.26	44.6	24.9	6.28	44.7	25.1	6.27	44.7
		120	21.6	5.49	43.2	23.5	6.06	43.5	24.2	6.12	43.6	24.5	6.14	43.7	24.7	6.16	43.7	25.1	6.18	43.7	25.3	6.18	43.8
	45	50	13.3	3.20	49.7	13.3	3.18	49.7	13.0	3.12	49.6	12.7	3.07	49.5	12.3	3.02	49.4	11.4	2.88	49.1	10.1	2.70	48.7
		60	14.5	3.53	49.3	14.7	3.52	49.4	14.6	3.48	49.3	14.4	3.45	49.3	14.2	3.41	49.2	13.5	3.30	49.0	12.5	3.16	48.7
		96	17.9	4.61	48.4	18.5	4.65	48.5	18.9	4.67	48.5	18.9	4.66	48.5	19.0	4.65	48.5	18.9	4.61	48.5	18.5	4.54	48.4
		120	19.6	5.29	48.0	20.4	5.35	48.1	20.9	5.39	48.1	21.0	5.40	48.2	21.2	5.40	48.2	21.3	5.38	48.2	21.2	5.34	48.2

3 Capacity tables

3 - 1 Cooling capacity tables

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
110	10	50	19.8	2.68	16.5	23.6	3.53	17.8	27.5	4.50	19.2	29.4	4.83	19.8	30.3	4.88	20.1	31.1	4.92	20.3	31.7	4.95	20.5
		60	19.8	2.63	15.4	23.6	3.46	16.5	27.5	4.41	17.6	29.4	4.77	18.2	30.4	4.83	18.4	31.2	4.87	18.6	31.9	4.90	18.8
		96	19.8	2.50	13.3	23.6	3.29	14.0	27.5	4.19	14.7	29.4	4.62	15.1	30.8	4.70	15.3	31.6	4.74	15.4	32.3	4.77	15.5
		120	19.8	2.45	12.7	23.6	3.22	13.2	27.5	4.10	13.8	29.4	4.56	14.1	30.9	4.65	14.3	31.7	4.69	14.4	32.4	4.72	14.4
	15	50	19.8	2.77	21.5	23.6	3.65	22.8	27.5	4.66	24.2	29.3	5.00	24.8	29.7	5.03	25.0	30.5	5.07	25.2	31.1	5.10	25.4
		60	19.8	2.72	20.4	23.6	3.58	21.5	27.5	4.57	22.7	29.4	4.95	23.2	29.9	4.98	23.3	30.6	5.02	23.5	31.3	5.05	23.7
		96	19.8	2.59	18.3	23.6	3.40	19.0	27.5	4.34	19.7	29.4	4.78	20.1	30.3	4.84	20.2	31.0	4.88	20.4	31.7	4.91	20.5
		120	19.8	2.54	17.7	23.6	3.34	18.2	27.5	4.25	18.8	29.4	4.72	19.1	30.4	4.79	19.2	31.2	4.83	19.3	31.8	4.86	19.4
	20	50	19.8	2.88	26.5	23.6	3.80	27.9	27.5	4.84	29.3	28.6	5.15	29.7	29.0	5.17	29.8	29.8	5.21	30.0	30.4	5.24	30.2
		60	19.8	2.83	25.4	23.6	3.73	26.5	27.5	4.75	27.7	28.8	5.10	28.1	29.2	5.12	28.2	29.9	5.16	28.4	30.5	5.19	28.5
		96	19.8	2.69	23.4	23.6	3.54	24.1	27.5	4.51	24.8	29.1	4.96	25.1	29.5	4.98	25.2	30.3	5.02	25.3	30.9	5.05	25.4
		120	19.8	2.64	22.7	23.6	3.47	23.2	27.5	4.42	23.8	29.3	4.90	24.1	29.7	4.93	24.1	30.4	4.97	24.2	31.1	5.00	24.3
	25	50	19.8	3.39	31.7	23.6	4.48	33.1	27.4	5.70	34.5	27.8	5.72	34.6	28.2	5.75	34.7	28.9	5.79	34.9	29.4	5.83	35.1
		60	19.8	3.33	30.5	23.6	4.39	31.7	27.5	5.61	32.9	27.9	5.67	33.0	28.3	5.69	33.1	29.0	5.74	33.3	29.6	5.77	33.4
		96	19.8	3.16	28.4	23.6	4.17	29.2	27.5	5.32	29.9	28.3	5.51	30.0	28.7	5.54	30.1	29.4	5.58	30.2	30.0	5.61	30.3
		120	19.8	3.10	27.7	23.6	4.09	28.3	27.5	5.22	28.9	28.4	5.45	29.0	28.8	5.48	29.1	29.5	5.52	29.2	30.1	5.55	29.3
	30	50	19.8	4.00	36.8	23.6	5.30	38.3	26.4	6.28	39.4	26.8	6.31	39.5	27.2	6.33	39.6	27.8	6.38	39.8	28.3	6.41	40.0
		60	19.8	3.93	35.7	23.6	5.20	36.9	26.5	6.21	37.8	26.9	6.24	37.9	27.3	6.27	38.0	27.9	6.31	38.2	28.4	6.35	38.3
		96	19.8	3.73	33.5	23.6	4.94	34.3	26.9	6.04	34.9	27.3	6.07	35.0	27.6	6.10	35.0	28.3	6.14	35.1	28.8	6.18	35.2
		120	19.8	3.66	32.8	23.6	4.84	33.4	27.0	5.98	33.9	27.4	6.01	34.0	27.8	6.04	34.0	28.4	6.08	34.1	29.0	6.11	34.2
	35	50	19.8	4.77	42.0	23.6	6.34	43.6	25.3	6.86	44.2	25.6	6.89	44.3	26.0	6.92	44.4	26.5	6.96	44.6	27.0	6.99	44.7
		60	19.8	4.68	40.9	23.6	6.22	42.1	25.4	6.79	42.7	25.8	6.82	42.8	26.1	6.85	42.9	26.7	6.90	43.0	27.1	6.92	43.1
		96	19.8	4.44	38.6	23.6	5.90	39.4	25.7	6.61	39.8	26.1	6.64	39.9	26.4	6.67	39.9	27.0	6.71	40.0	27.5	6.74	40.1
		120	19.8	4.36	37.9	23.6	5.78	38.5	25.8	6.54	38.9	26.2	6.57	38.9	26.6	6.60	39.0	27.1	6.64	39.0	27.6	6.67	39.1
	40	50	18.4	5.01	46.7	19.1	5.07	46.9	19.6	5.10	47.1	19.7	5.11	47.1	19.9	5.11	47.2	20.0	5.10	47.2	20.0	5.07	47.2
		60	19.3	5.40	45.9	20.1	5.47	46.1	20.6	5.52	46.2	20.9	5.53	46.3	21.0	5.54	46.4	21.3	5.54	46.4	21.3	5.52	46.4
		96	19.8	4.93	43.7	22.8	6.12	44.3	23.6	6.19	44.4	23.9	6.21	44.5	24.2	6.24	44.5	24.6	6.27	44.6	24.9	6.28	44.7
		120	19.8	4.77	42.9	23.0	6.02	43.5	23.8	6.09	43.6	24.1	6.11	43.6	24.4	6.13	43.6	24.8	6.16	43.7	25.2	6.18	43.7
	45	50	13.2	3.20	49.7	13.3	3.20	49.7	13.2	3.16	49.7	13.0	3.13	49.6	12.8	3.09	49.6	12.1	2.99	49.3	11.2	2.85	49.0
		60	14.3	3.52	49.3	14.6	3.53	49.3	14.7	3.51	49.3	14.6	3.49	49.3	14.5	3.46	49.3	14.0	3.39	49.2	13.3	3.28	49.0
		96	17.6	4.59	48.3	18.3	4.63	48.4	18.7	4.66	48.5	18.8	4.67	48.5	18.9	4.66	48.5	19.0	4.64	48.5	18.8	4.60	48.5
		120	19.3	5.26	47.9	20.0	5.33	48.0	20.6	5.37	48.1	20.8	5.38	48.1	21.0	5.39	48.2	21.2	5.40	48.2	21.3	5.38	48.2
100	10	50	18.0	2.32	15.8	21.5	3.04	17.0	25.0	3.85	18.3	26.7	4.30	18.9	28.4	4.77	19.5	30.4	4.89	20.1	31.1	4.92	20.3
		60	18.0	2.28	14.8	21.5	2.98	15.8	25.0	3.78	16.9	26.7	4.21	17.4	28.4	4.67	17.9	30.6	4.84	18.5	31.2	4.88	18.6
		96	18.0	2.17	13.0	21.5	2.83	13.6	25.0	3.59	14.3	26.7	4.00	14.6	28.4	4.44	14.9	30.9	4.71	15.3	31.6	4.74	15.4
		120	18.0	2.13	12.4	21.5	2.78	12.9	25.0	3.52	13.4	26.7	3.92	13.7	28.4	4.35	13.9	31.1	4.66	14.3	31.8	4.69	14.4
	15	50	18.0	2.40	20.9	21.5	3.14	22.1	25.0	3.99	23.3	26.7	4.45	23.9	28.4	4.94	24.6	29.9	5.03	25.0	30.5	5.07	25.2
		60	18.0	2.36	19.9	21.5	3.08	20.9	25.0	3.91	21.9	26.7	4.36	22.4	28.4	4.84	22.9	30.0	4.98	23.4	30.7	5.02	23.5
		96	18.0	2.24	18.0	21.5	2.93	18.6	25.0	3.71	19.3	26.7	4.14	19.6	28.4	4.59	19.9	30.4	4.85	20.3	31.1	4.88	20.4
		120	18.0	2.20	17.4	21.5	2.87	17.9	25.0	3.64	18.4	26.7	4.06	18.7	28.4	4.50	18.9	30.5	4.80	19.2	31.2	4.83	19.3
	20	50	18.0	2.49	25.9	21.5	3.27	27.1	25.0	4.14	28.3	26.7	4.63	29.0	28.4	5.13	29.6	29.2	5.18	29.8	29.8	5.21	30.0
		60	18.0	2.45	24.9	21.5	3.20	25.9	25.0	4.07	26.9	26.7	4.54	27.5	28.4	5.03	28.0	29.3	5.13	28.2	30.0	5.16	28.4
		96	18.0	2.33	23.0	21.5	3.04	23.7	25.0	3.86	24.3	26.7	4.31	24.6	28.4	4.78	25.0	29.7	4.99	25.2	30.3	5.02	25.3
		120	18.0	2.29	22.4	21.5	2.99	22.9	25.0	3.78	23.4	26.7	4.22	23.7	28.4	4.68	24.0	29.8	4.93	24.2	30.5	4.97	24.2
	25	50	18.0	2.93	31.0	21.5	3.85	32.3	25.0	4.89	33.6	26.7	5.46	34.2	27.6	5.71	34.6	28.3	5.76	34.8	28.9	5.80	35.0
		60	18.0	2.88	30.0	21.5	3.77	31.0	25.0	4.80	32.1	26.7	5.36	32.7	27.7	5.65	33.0	28.4	5.70	33.2	29.1	5.74	33.3
		96	18.0	2.73	28.1	21.5	3.58	28.7	25.0	4.55	29.4	26.7	5.08	29.7	28.1	5.50	30.0	28.8	5.55	30.1	29.4	5.58	30.2
		120	18.0	2.68	27.5	21.5	3.51	28.0	25.0	4.46	28.5	26.7	4.98	28.8	28.2	5.44	29.0	28.9	5.49	29.1	29.6	5.52	29.2
	30	50	18.0	3.45	36.2	21.5	4.55	37.5	25.0	5.80	38.8	26.3	6.26	39.3	26.6	6.29	39.4	27.3	6.34	39.6	27.8	6.38	39.8
		60	18.0	3.39	35.1	21.5	4.46	36.2	25.0	5.69	37.3	26.4	6.20	37.8	26.7	6.23	37.9	27.4	6.28	38.0	28.0	6.32	38.2
		96	18.0	3.22	33.2	21.5	4.24	33.8	25.0	5.40	34.5	26.7	6.03	34.9	27.1	6.06	34.9	27.8	6.11	35.1	28.3	6.15	35.1
		120	18.0	3.16	32.5	21.5	4.15	33.1	25.0	5.29	33.6	26.7	5.91	33.9	27.2	5.99	34.0	27.9	6.04	34.1	28.5	6.08	34.1
	35	50	18.0	4.10	41.3	21.5	5.42	42.7	24.7	6.81	44.0	25.1	6.85	44.2	25.5	6.88	44.3	26.1	6.93	44.5	26.6	6.97	44.6
		60	18.0	4.03	40.3	21.5	5.32	41.4	24.9	6.75	42.6	25.2	6.78	42.6	25.6	6.81	42.7	26.2	6.86	42.9	26.7	6.90	43.0
		96	18.0	3.83	38.3	21.5	5.05	39.0	25.0	6.45	39.7	25.5	6.59	39.8	25.9	6.62	39.9	26.5	6.67	40.0	27.1	6.71	40.0
		120	18.0	3.75	37.6	21.5	4.95	38.2	25.0	6.33	38.7	25.7	6.52	38.8	26.0	6.55	38.9	26.7	6.60	39.0	27.2	6.64	39.0
	40	50	18.0	4.97	46.6	18.7	5.04	46.8	19.3	5.08	47.0	19.5	5.10	47.0	19.7	5.11	47.1	19.9	5.11	47.2	20.0	5.10	47.2
		60	18.0	4.86	45.5	19.7	5.44	46.0	20.3	5.49	46.2	20.5	5.51	46.2	20.8	5.52	46.3	21.1	5.54	46.4	21.3	5.54	46.4
		96	18.0	4.23	43.3	21.5	5.62	44.0	23.1	6.15	44.4	23.4	6.18	44.4	23.7	6.20	44.5	24.2	6.24	44.6	24.6	6.27	44.6
		120	18.0	4.09	42.6	21.5	5.44	43.2	23.3	6.05	43.5	23.6	6.08	43.5	23.9	6.10	43.6	24.5	6.14	43.7	24.9	6.17	43.7
	45	50	13.0	3.19	49.6	13.3	3.20	49.7	13.3	3.19	49.7	13.3	3.17	49.7	13.1	3.14	49.7	12.7	3.07	49.5	12.1	2.98	49.3
		60	14.1	3.50	49.2	14.5	3.52	49.3	14.7	3.52	49.3	14.7	3.52	49.3	14.7	3.50	49.3	14.4	3.45	49.3	14.0	3.38	49.2
		96	17.3	4.55	48.3	17.9	4.61	48.4	18.4	4.65	48.4	18.6	4.66	48.5	18.8	4.66	48.5	18.9	4.66	48.5	19.0	4.64	48.5
		120	18.0	4.76	47.7	19.6	5.29	48.0	20.2	5.34	48.1	20.5	5.36	48.1	20.7	5.38	48.1	21.0	5.40	48.2	21.2	5.39	48.2

3 Capacity tables

3 - 1 Cooling capacity tables

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
90	10	50	16.2	1.99	15.2	19.3	2.58	16.3	22.5	3.26	17.4	24.0	3.62	17.9	25.6	4.01	18.5	28.7	4.79	19.6	30.4	4.89	20.1
		60	16.2	1.95	14.3	19.3	2.53	15.2	22.5	3.19	16.1	24.0	3.55	16.6	25.6	3.93	17.1	28.7	4.73	18.0	30.5	4.84	18.5
		96	16.2	1.86	12.7	19.3	2.41	13.2	22.5	3.03	13.8	24.0	3.37	14.1	25.6	3.73	14.4	28.7	4.51	15.0	30.9	4.71	15.3
		120	16.2	1.83	12.2	19.3	2.36	12.6	22.5	2.98	13.0	24.0	3.31	13.3	25.6	3.66	13.5	28.7	4.42	14.0	31.1	4.66	14.3
	15	50	16.2	2.06	20.2	19.3	2.67	21.3	22.5	3.37	22.4	24.0	3.75	23.0	25.6	4.15	23.5	28.7	4.96	24.7	29.9	5.03	25.0
		60	16.2	2.02	19.4	19.3	2.62	20.2	22.5	3.31	21.2	24.0	3.68	21.6	25.6	4.07	22.1	28.7	4.90	23.0	30.0	4.98	23.4
		96	16.2	1.92	17.7	19.3	2.49	18.3	22.5	3.14	18.8	24.0	3.49	19.1	25.6	3.87	19.4	28.7	4.67	20.0	30.4	4.85	20.3
		120	16.2	1.89	17.2	19.3	2.45	17.6	22.5	3.08	18.1	24.0	3.43	18.3	25.6	3.79	18.5	28.7	4.58	19.0	30.5	4.80	19.2
	20	50	16.2	2.14	25.3	19.3	2.78	26.3	22.5	3.50	27.4	24.0	3.90	28.0	25.6	4.32	28.6	28.5	5.14	29.6	29.2	5.18	29.8
		60	16.2	2.10	24.4	19.3	2.72	25.3	22.5	3.44	26.2	24.0	3.82	26.7	25.6	4.23	27.1	28.6	5.09	28.1	29.3	5.13	28.2
		96	16.2	2.00	22.7	19.3	2.59	23.3	22.5	3.26	23.8	24.0	3.63	24.1	25.6	4.02	24.4	28.7	4.85	25.0	29.7	4.99	25.2
		120	16.2	1.96	22.2	19.3	2.54	22.6	22.5	3.20	23.1	24.0	3.56	23.3	25.6	3.94	23.5	28.7	4.76	24.0	29.8	4.93	24.1
	25	50	16.2	2.51	30.4	19.3	3.26	31.5	22.5	4.13	32.6	24.0	4.60	33.2	25.6	5.09	33.8	27.7	5.71	34.6	28.3	5.76	34.8
		60	16.2	2.46	29.5	19.3	3.20	30.4	22.5	4.05	31.3	24.0	4.51	31.8	25.6	5.00	32.3	27.8	5.66	33.0	28.4	5.70	33.2
		96	16.2	2.34	27.8	19.3	3.04	28.3	22.5	3.84	28.9	24.0	4.28	29.2	25.6	4.74	29.5	28.1	5.50	30.0	28.8	5.54	30.1
		120	16.2	2.30	27.2	19.3	2.99	27.7	22.5	3.77	28.1	24.0	4.20	28.4	25.6	4.65	28.6	28.3	5.44	29.0	28.9	5.49	29.1
	30	50	16.2	2.95	35.5	19.3	3.85	36.6	22.5	4.88	37.8	24.0	5.45	38.4	25.6	6.04	39.1	26.7	6.30	39.5	27.3	6.34	39.6
		60	16.2	2.89	34.6	19.3	3.78	35.5	22.5	4.79	36.5	24.0	5.34	37.0	25.6	5.93	37.5	26.8	6.23	37.9	27.4	6.28	38.0
		96	16.2	2.75	32.8	19.3	3.59	33.4	22.5	4.55	34.0	24.0	5.07	34.3	25.6	5.62	34.7	27.1	6.06	35.0	27.7	6.11	35.1
		120	16.2	2.70	32.3	19.3	3.52	32.7	22.5	4.46	33.2	24.0	4.97	33.5	25.6	5.51	33.7	27.3	6.00	34.0	27.9	6.04	34.1
	35	50	16.2	3.49	40.7	19.3	4.58	41.9	22.5	5.83	43.1	24.0	6.51	43.8	24.9	6.83	44.1	25.5	6.88	44.3	26.1	6.93	44.5
		60	16.2	3.43	39.7	19.3	4.50	40.7	22.5	5.72	41.7	24.0	6.39	42.3	25.0	6.76	42.6	25.6	6.81	42.8	26.2	6.86	42.9
		96	16.2	3.26	37.9	19.3	4.27	38.5	22.5	5.43	39.2	24.0	6.06	39.5	25.3	6.57	39.8	26.0	6.63	39.9	26.5	6.67	40.0
		120	16.2	3.20	37.3	19.3	4.19	37.8	22.5	5.32	38.3	24.0	5.94	38.6	25.4	6.50	38.8	26.1	6.56	38.9	26.6	6.60	39.0
	40	50	16.2	4.19	45.9	18.3	5.00	46.7	18.9	5.05	46.9	19.1	5.07	46.9	19.3	5.09	47.0	19.7	5.11	47.1	19.9	5.11	47.2
		60	16.2	4.10	44.9	19.2	5.39	45.9	19.9	5.45	46.0	20.1	5.48	46.1	20.4	5.50	46.2	20.8	5.53	46.3	21.1	5.54	46.4
		96	16.2	3.59	43.0	19.3	4.74	43.6	22.5	6.05	44.3	22.9	6.13	44.3	23.2	6.16	44.4	23.8	6.21	44.5	24.2	6.24	44.6
		120	16.2	3.47	42.4	19.3	4.58	42.9	22.5	5.85	43.4	23.1	6.03	43.5	23.4	6.06	43.5	24.0	6.10	43.6	24.5	6.14	43.7
	45	50	12.8	3.18	49.6	13.1	3.20	49.7	13.3	3.20	49.7	13.3	3.19	49.7	13.3	3.18	49.7	13.1	3.14	49.7	12.7	3.07	49.5
		60	13.8	3.48	49.1	14.3	3.51	49.2	14.6	3.53	49.3	14.6	3.53	49.3	14.7	3.52	49.4	14.6	3.50	49.3	14.4	3.45	49.3
		96	16.2	4.17	48.0	17.5	4.58	48.3	18.1	4.62	48.4	18.3	4.64	48.4	18.5	4.65	48.5	18.8	4.66	48.5	18.9	4.66	48.5
		120	16.2	4.01	47.4	19.2	5.25	47.9	19.8	5.31	48.0	20.1	5.33	48.0	20.3	5.35	48.1	20.7	5.38	48.1	21.0	5.40	48.2
80	10	50	14.4	1.69	14.6	17.2	2.17	15.5	20.0	2.71	16.5	21.4	3.01	17.0	22.7	3.32	17.5	25.5	3.99	18.5	28.3	4.73	19.5
		60	14.4	1.66	13.8	17.2	2.13	14.6	20.0	2.66	15.4	21.4	2.95	15.8	22.7	3.26	16.2	25.5	3.92	17.0	28.3	4.64	17.9
		96	14.4	1.58	12.4	17.2	2.02	12.9	20.0	2.53	13.4	21.4	2.80	13.6	22.7	3.09	13.9	25.5	3.72	14.4	28.3	4.40	14.9
		120	14.4	1.55	11.9	17.2	1.99	12.3	20.0	2.48	12.7	21.4	2.75	12.9	22.7	3.03	13.1	25.5	3.65	13.5	28.3	4.31	13.9
	15	50	14.4	1.74	19.6	17.2	2.24	20.6	20.0	2.81	21.5	21.4	3.11	22.0	22.7	3.44	22.5	25.5	4.13	23.5	28.3	4.90	24.5
		60	14.4	1.71	18.9	17.2	2.20	19.6	20.0	2.75	20.4	21.4	3.05	20.8	22.7	3.37	21.2	25.5	4.06	22.1	28.3	4.80	22.9
		96	14.4	1.63	17.4	17.2	2.09	17.9	20.0	2.62	18.4	21.4	2.90	18.6	22.7	3.20	18.9	25.5	3.85	19.4	28.3	4.56	19.9
		120	14.4	1.60	16.9	17.2	2.06	17.3	20.0	2.57	17.7	21.4	2.85	17.9	22.7	3.14	18.1	25.5	3.77	18.5	28.3	4.47	18.9
	20	50	14.4	1.81	24.7	17.2	2.33	25.6	20.0	2.91	26.6	21.4	3.23	27.1	22.7	3.57	27.5	25.5	4.30	28.5	28.3	5.09	29.6
		60	14.4	1.78	23.9	17.2	2.29	24.7	20.0	2.86	25.5	21.4	3.17	25.9	22.7	3.50	26.3	25.5	4.22	27.1	28.3	4.99	28.0
		96	14.4	1.69	22.4	17.2	2.17	22.9	20.0	2.72	23.4	21.4	3.02	23.6	22.7	3.33	23.9	25.5	4.00	24.4	28.3	4.74	24.9
		120	14.4	1.66	21.9	17.2	2.13	22.3	20.0	2.67	22.7	21.4	2.96	22.9	22.7	3.26	23.1	25.5	3.92	23.5	28.3	4.64	23.9
	25	50	14.4	2.12	29.7	17.2	2.73	30.7	20.0	3.43	31.7	21.4	3.81	32.2	22.7	4.21	32.7	25.5	5.07	33.8	27.6	5.71	34.5
		60	14.4	2.08	28.9	17.2	2.68	29.7	20.0	3.36	30.6	21.4	3.74	31.0	22.7	4.13	31.4	25.5	4.98	32.3	27.7	5.65	33.0
		96	14.4	1.98	27.4	17.2	2.55	27.9	20.0	3.20	28.5	21.4	3.55	28.7	22.7	3.92	29.0	25.5	4.72	29.5	28.1	5.50	30.0
		120	14.4	1.94	27.0	17.2	2.50	27.4	20.0	3.14	27.8	21.4	3.48	28.0	22.7	3.84	28.2	25.5	4.63	28.6	28.2	5.44	29.0
	30	50	14.4	2.48	34.8	17.2	3.22	35.9	20.0	4.05	36.9	21.4	4.50	37.4	22.7	4.98	37.9	25.5	6.02	39.0	26.6	6.29	39.4
		60	14.4	2.44	34.0	17.2	3.16	34.9	20.0	3.97	35.7	21.4	4.42	36.2	22.7	4.89	36.6	25.5	5.90	37.5	26.7	6.23	37.9
		96	14.4	2.32	32.5	17.2	3.00	33.0	20.0	3.77	33.5	21.4	4.20	33.8	22.7	4.64	34.1	25.5	5.60	34.6	27.1	6.06	34.9
		120	14.4	2.28	32.0	17.2	2.95	32.4	20.0	3.70	32.8	21.4	4.11	33.0	22.7	4.55	33.3	25.5	5.49	33.7	27.2	5.99	34.0
	35	50	14.4	2.93	40.0	17.2	3.82	41.0	20.0	4.82	42.1	21.4	5.37	42.7	22.7	5.95	43.2	24.9	6.82	44.1	25.4	6.88	44.3
		60	14.4	2.88	39.1	17.2	3.75	40.0	20.0	4.73	40.9	21.4	5.27	41.4	22.7	5.84	41.8	25.0	6.76	42.6	25.6	6.81	42.7
		96	14.4	2.74	37.6	17.2	3.56	38.1	20.0	4.49	38.7	21.4	5.00	38.9	22.7	5.54	39.2	25.3	6.57	39.8	25.9	6.62	39.9
		120	14.4	2.69	37.0	17.2	3.49	37.5	20.0	4.41	37.9	21.4	4.90	38.1	22.7	5.43	38.4	25.4	6.50	38.8	26.0	6.55	38.9
	40	50	14.4	3.47	45.1	17.2	4.61	46.3	18.4	5.01	46.7	18.7	5.03	46.8	18.9	5.05	46.9	19.3	5.09	47.0	19.6	5.11	47.1
		60	14.4	3.40	44.3	17.2	4.50	45.2	19.4	5.41	45.9	19.6	5.43	46.0	19.9	5.46	46.1	20.4	5.50	46.2	20.7	5.52	46.3
		96	14.4	3.00	42.6	17.2	3.93	43.2	20.0	4.99	43.7	21.4	5.57	44.0	22.6	6.11	44.3	23.2	6.16	44.4	23.7	6.20	44.5
		120	14.4	2.90	42.1	17.2	3.80	42.5	20.0	4.82	43.0	21.4	5.38	43.2	22.7	5.97	43.4	23.4	6.06	43.5	23.9	6.10	43.6
	45	50	12.5	3.16	49.5	12.9	3.19	49.6	13.2	3.20	49.7	13.3	3.20	49.7	13.3	3.20	49.7	13.3	3.18	49.7	13.1	3.14	49.7
		60	13.5	3.45	49.0	14.0	3.49	49.2	14.3	3.52	49.3	14.5	3.52	49.3	14.6	3.53	49.3	14.7	3.52	49.4	14.7	3.50	49.3
		96	14.4	3.45	47.7	17.1	4.54	48.2	17.7	4.59	48.3	17.9	4.61	48.4	18.1	4.63	48.4	18.5	4.65	48.5	18.8	4.66	48.5
		120	14.4	3.33	47.1	17.2	4.41	47.6	19.3	5.26	47.9	19.6	5.29	48.0	19.9	5.31	48.0	20.3	5.35	48.1	20.7	5.38	48.1

3 Capacity tables

3 - 1 Cooling capacity tables

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
70	10	50	12.6	1.41	14.0	15.0	1.79	14.8	17.5	2.22	15.6	18.7	2.45	16.1	19.9	2.70	16.5	22.3	3.22	17.3	24.8	3.80	18.2
		60	12.6	1.38	13.3	15.0	1.76	14.0	17.5	2.18	14.7	18.7	2.41	15.0	19.9	2.65	15.4	22.3	3.16	16.1	24.8	3.73	16.8
		96	12.6	1.32	12.1	15.0	1.67	12.5	17.5	2.07	12.9	18.7	2.29	13.1	19.9	2.52	13.3	22.3	3.01	13.8	24.8	3.54	14.2
		120	12.6	1.30	11.7	15.0	1.64	12.0	17.5	2.03	12.3	18.7	2.25	12.5	19.9	2.47	12.7	22.3	2.95	13.0	24.8	3.47	13.4
	15	50	12.6	1.46	19.0	15.0	1.85	19.8	17.5	2.30	20.7	18.7	2.54	21.1	19.9	2.79	21.5	22.3	3.34	22.4	24.8	3.94	23.2
		60	12.6	1.43	18.4	15.0	1.82	19.0	17.5	2.25	19.7	18.7	2.49	20.1	19.9	2.74	20.4	22.3	3.28	21.1	24.8	3.86	21.8
		96	12.6	1.36	17.1	15.0	1.73	17.5	17.5	2.14	17.9	18.7	2.37	18.1	19.9	2.60	18.4	22.3	3.11	18.8	24.8	3.67	19.2
		120	12.6	1.34	16.7	15.0	1.70	17.0	17.5	2.10	17.3	18.7	2.32	17.5	19.9	2.56	17.7	22.3	3.05	18.0	24.8	3.59	18.4
	20	50	12.6	1.51	24.0	15.0	1.92	24.9	17.5	2.38	25.7	18.7	2.64	26.1	19.9	2.90	26.5	22.3	3.47	27.4	24.8	4.09	28.3
		60	12.6	1.48	23.4	15.0	1.89	24.0	17.5	2.34	24.7	18.7	2.59	25.1	19.9	2.85	25.4	22.3	3.40	26.1	24.8	4.01	26.9
		96	12.6	1.42	22.1	15.0	1.80	22.5	17.5	2.23	22.9	18.7	2.46	23.2	19.9	2.71	23.4	22.3	3.23	23.8	24.8	3.81	24.3
		120	12.6	1.39	21.7	15.0	1.76	22.0	17.5	2.18	22.3	18.7	2.41	22.5	19.9	2.65	22.7	22.3	3.17	23.0	24.8	3.74	23.4
	25	50	12.6	1.76	29.1	15.0	2.25	30.0	17.5	2.80	30.8	18.7	3.10	31.2	19.9	3.41	31.7	22.3	4.09	32.6	24.8	4.83	33.5
		60	12.6	1.73	28.4	15.0	2.21	29.1	17.5	2.75	29.8	18.7	3.04	30.2	19.9	3.35	30.6	22.3	4.01	31.3	24.8	4.74	32.0
		96	12.6	1.65	27.1	15.0	2.10	27.6	17.5	2.61	28.0	18.7	2.89	28.2	19.9	3.18	28.4	22.3	3.81	28.9	24.8	4.49	29.4
		120	12.6	1.62	26.7	15.0	2.06	27.0	17.5	2.56	27.4	18.7	2.83	27.6	19.9	3.12	27.8	22.3	3.73	28.1	24.8	4.41	28.5
	30	50	12.6	2.06	34.2	15.0	2.64	35.1	17.5	3.30	36.0	18.7	3.65	36.4	19.9	4.03	36.9	22.3	4.84	37.8	24.8	5.72	38.7
		60	12.6	2.02	33.5	15.0	2.59	34.2	17.5	3.23	34.9	18.7	3.58	35.3	19.9	3.95	35.7	22.3	4.75	36.5	24.8	5.61	37.3
		96	12.6	1.93	32.2	15.0	2.47	32.6	17.5	3.08	33.1	18.7	3.41	33.3	19.9	3.76	33.5	22.3	4.51	34.0	24.8	5.33	34.5
		120	12.6	1.89	31.7	15.0	2.42	32.1	17.5	3.02	32.4	18.7	3.34	32.6	19.9	3.68	32.8	22.3	4.42	33.2	24.8	5.22	33.6
	35	50	12.6	2.43	39.3	15.0	3.12	40.2	17.5	3.91	41.1	18.7	4.34	41.6	19.9	4.80	42.1	22.3	5.77	43.1	24.7	6.81	44.0
		60	12.6	2.38	38.6	15.0	3.07	39.3	17.5	3.84	40.1	18.7	4.26	40.5	19.9	4.71	40.9	22.3	5.66	41.7	24.8	6.71	42.5
		96	12.6	2.27	37.2	15.0	2.92	37.7	17.5	3.65	38.2	18.7	4.05	38.4	19.9	4.47	38.6	22.3	5.38	39.1	24.8	6.37	39.6
		120	12.6	2.23	36.8	15.0	2.86	37.1	17.5	3.58	37.5	18.7	3.97	37.7	19.9	4.38	37.9	22.3	5.27	38.3	24.8	6.24	38.7
	40	50	12.6	2.82	44.4	15.0	3.71	45.4	17.5	4.74	46.4	18.1	4.99	46.6	18.4	5.01	46.7	18.9	5.05	46.9	19.2	5.08	47.0
		60	12.6	2.77	43.7	15.0	3.64	44.5	17.5	4.62	45.3	18.7	5.16	45.7	19.3	5.41	45.9	19.8	5.45	46.0	20.3	5.49	46.1
		96	12.6	2.47	42.3	15.0	3.20	42.7	17.5	4.03	43.2	18.7	4.48	43.5	19.9	4.96	43.7	22.3	5.99	44.2	23.0	6.14	44.4
		120	12.6	2.39	41.8	15.0	3.10	42.2	17.5	3.90	42.6	18.7	4.34	42.8	19.9	4.80	43.0	22.3	5.79	43.4	23.2	6.04	43.5
	45	50	12.1	3.13	49.4	12.6	3.16	49.5	12.9	3.19	49.6	13.1	3.20	49.7	13.2	3.20	49.7	13.3	3.20	49.7	13.3	3.19	49.7
		60	12.6	3.18	48.8	13.6	3.46	49.1	14.0	3.50	49.2	14.2	3.51	49.2	14.3	3.52	49.3	14.6	3.53	49.3	14.7	3.53	49.3
		96	12.6	2.79	47.3	15.0	3.69	47.8	17.1	4.54	48.2	17.4	4.57	48.3	17.6	4.59	48.3	18.1	4.62	48.4	18.4	4.64	48.4
		120	12.6	2.71	46.8	15.0	3.56	47.2	17.5	4.53	47.6	18.7	5.06	47.8	19.3	5.26	47.9	19.8	5.31	48.0	20.2	5.34	48.1
60	10	50	10.8	1.16	13.4	12.9	1.45	14.1	15.0	1.78	14.8	16.0	1.95	15.2	17.1	2.14	15.5	19.1	2.54	16.2	21.2	2.98	16.9
		60	10.8	1.14	12.9	12.9	1.42	13.4	15.0	1.75	14.0	16.0	1.92	14.3	17.1	2.10	14.6	19.1	2.50	15.2	21.2	2.92	15.8
		96	10.8	1.09	11.8	12.9	1.36	12.1	15.0	1.66	12.5	16.0	1.83	12.7	17.1	2.00	12.8	19.1	2.37	13.2	21.2	2.78	13.6
		120	10.8	1.07	11.4	12.9	1.33	11.7	15.0	1.63	12.0	16.0	1.79	12.1	17.1	1.96	12.3	19.1	2.33	12.6	21.2	2.72	12.9
	15	50	10.8	1.20	18.4	12.9	1.50	19.1	15.0	1.84	19.8	16.0	2.02	20.2	17.1	2.22	20.5	19.1	2.63	21.2	21.2	3.08	22.0
		60	10.8	1.18	17.9	12.9	1.47	18.4	15.0	1.81	19.0	16.0	1.99	19.3	17.1	2.18	19.6	19.1	2.58	20.2	21.2	3.03	20.8
		96	10.8	1.12	16.8	12.9	1.40	17.1	15.0	1.72	17.5	16.0	1.89	17.7	17.1	2.07	17.9	19.1	2.46	18.2	21.2	2.87	18.6
		120	10.8	1.10	16.4	12.9	1.38	16.7	15.0	1.69	17.0	16.0	1.86	17.1	17.1	2.03	17.3	19.1	2.41	17.6	21.2	2.82	17.9
	20	50	10.8	1.24	23.5	12.9	1.55	24.1	15.0	1.91	24.8	16.0	2.10	25.2	17.1	2.30	25.6	19.1	2.73	26.3	21.2	3.20	27.0
		60	10.8	1.22	22.9	12.9	1.53	23.4	15.0	1.87	24.0	16.0	2.06	24.3	17.1	2.26	24.6	19.1	2.68	25.2	21.2	3.14	25.8
		96	10.8	1.16	21.8	12.9	1.46	22.1	15.0	1.79	22.5	16.0	1.96	22.7	17.1	2.15	22.9	19.1	2.55	23.2	21.2	2.99	23.6
		120	10.8	1.14	21.4	12.9	1.43	21.7	15.0	1.75	22.0	16.0	1.93	22.1	17.1	2.11	22.3	19.1	2.50	22.6	21.2	2.93	22.9
	25	50	10.8	1.44	28.5	12.9	1.81	29.2	15.0	2.23	29.9	16.0	2.46	30.3	17.1	2.70	30.7	19.1	3.21	31.4	21.2	3.77	32.2
		60	10.8	1.42	27.9	12.9	1.78	28.5	15.0	2.19	29.1	16.0	2.42	29.4	17.1	2.65	29.7	19.1	3.15	30.3	21.2	3.70	31.0
		96	10.8	1.35	26.8	12.9	1.70	27.2	15.0	2.09	27.5	16.0	2.30	27.7	17.1	2.52	27.9	19.1	3.00	28.3	21.2	3.52	28.7
		120	10.8	1.33	26.5	12.9	1.67	26.7	15.0	2.05	27.0	16.0	2.26	27.2	17.1	2.47	27.3	19.1	2.94	27.6	21.2	3.45	27.9
	30	50	10.8	1.68	33.6	12.9	2.12	34.3	15.0	2.62	35.0	16.0	2.89	35.4	17.1	3.18	35.8	19.1	3.79	36.6	21.2	4.46	37.4
		60	10.8	1.65	33.0	12.9	2.09	33.6	15.0	2.58	34.2	16.0	2.84	34.5	17.1	3.12	34.8	19.1	3.72	35.5	21.2	4.37	36.1
		96	10.8	1.58	31.8	12.9	1.99	32.2	15.0	2.45	32.6	16.0	2.70	32.8	17.1	2.97	33.0	19.1	3.54	33.4	21.2	4.15	33.8
		120	10.8	1.55	31.5	12.9	1.95	31.8	15.0	2.41	32.1	16.0	2.65	32.2	17.1	2.91	32.4	19.1	3.47	32.7	21.2	4.07	33.0
	35	50	10.8	1.97	38.7	12.9	2.50	39.4	15.0	3.10	40.2	16.0	3.43	40.6	17.1	3.77	41.0	19.1	4.51	41.8	21.2	5.32	42.6
		60	10.8	1.94	38.0	12.9	2.46	38.7	15.0	3.05	39.3	16.0	3.37	39.6	17.1	3.70	40.0	19.1	4.43	40.6	21.2	5.22	41.3
		96	10.8	1.85	36.9	12.9	2.34	37.3	15.0	2.90	37.7	16.0	3.20	37.9	17.1	3.52	38.1	19.1	4.20	38.5	21.2	4.95	38.9
		120	10.8	1.81	36.5	12.9	2.30	36.8	15.0	2.84	37.1	16.0	3.14	37.3	17.1	3.45	37.5	19.1	4.12	37.8	21.2	4.86	38.1
	40	50	10.8	2.23	43.7	12.9	2.91	44.5	15.0	3.69	45.4	16.0	4.11	45.8	17.1	4.55	46.2	18.2	4.99	46.7	18.7	5.03	46.8
		60	10.8	2.21	43.1	12.9	2.86	43.8	15.0	3.61	44.4	16.0	4.02	44.8	17.1	4.45	45.1	19.1	5.38	45.9	19.6	5.43	46.0
		96	10.8	1.99	41.9	12.9	2.55	42.3	15.0	3.18	42.7	16.0	3.52	42.9	17.1	3.88	43.1	19.1	4.66	43.6	21.2	5.51	44.0
		120	10.8	1.93	41.5	12.9	2.47	41.8	15.0	3.08	42.2	16.0	3.41	42.3	17.1	3.76	42.5	19.1	4.51	42.8	21.2	5.33	43.2
	45	50	10.8	2.63	48.9	12.2	3.13	49.4	12.6	3.16	49.5	12.7	3.18	49.6	12.9	3.19	49.6	13.1	3.20	49.7	13.3	3.20	49.7
		60	10.8	2.47	48.2	12.9	3.30	48.9	13.6	3.46	49.1	13.8	3.48	49.1	14.0	3.49	49.2	14.2	3.51	49.2	14.5	3.52	49.3
		96	10.8	2.21	46.9	12.9	2.89	47.4	15.0	3.67	47.8	16.0	4.09	48.0	17.1	4.54	48.2	17.5	4.57	48.3	17.9	4.61	48.4
		120	10.8	2.16	46.5	12.9	2.80	46.9	15.0	3.53	47.2	16.0	3.93	47.4	17.1	4.35	47.6	19.1	5.25	47.9	19.6	5.29	48.0

3 Capacity tables

3 - 1 Cooling capacity tables

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
50	10	50	9.01	0.93	12.9	10.7	1.15	13.4	12.5	1.39	14.0	13.4	1.52	14.3	14.2	1.65	14.5	16.0	1.94	15.1	17.7	2.26	15.7
		60	9.01	0.92	12.4	10.7	1.13	12.8	12.5	1.36	13.3	13.4	1.49	13.5	14.2	1.62	13.8	16.0	1.91	14.3	17.7	2.22	14.8
		96	9.01	0.88	11.5	10.7	1.08	11.8	12.5	1.30	12.1	13.4	1.42	12.2	14.2	1.55	12.4	16.0	1.82	12.7	17.7	2.11	13.0
		120	9.01	0.86	11.2	10.7	1.06	11.4	12.5	1.28	11.6	13.4	1.40	11.8	14.2	1.52	11.9	16.0	1.78	12.1	17.7	2.07	12.4
	15	50	9.01	0.96	17.9	10.7	1.19	18.4	12.5	1.44	19.0	13.4	1.57	19.3	14.2	1.71	19.6	16.0	2.01	20.1	17.7	2.34	20.7
		60	9.01	0.95	17.4	10.7	1.17	17.8	12.5	1.41	18.3	13.4	1.54	18.6	14.2	1.68	18.8	16.0	1.97	19.3	17.7	2.29	19.8
		96	9.01	0.91	16.5	10.7	1.12	16.8	12.5	1.35	17.1	13.4	1.47	17.2	14.2	1.60	17.4	16.0	1.88	17.7	17.7	2.18	18.0
		120	9.01	0.89	16.2	10.7	1.10	16.4	12.5	1.32	16.6	13.4	1.44	16.8	14.2	1.57	16.9	16.0	1.85	17.1	17.7	2.14	17.4
	20	50	9.01	1.00	22.9	10.7	1.23	23.4	12.5	1.49	24.0	13.4	1.63	24.3	14.2	1.77	24.6	16.0	2.09	25.2	17.7	2.43	25.8
		60	9.01	0.98	22.4	10.7	1.21	22.9	12.5	1.46	23.3	13.4	1.60	23.6	14.2	1.74	23.8	16.0	2.05	24.3	17.7	2.38	24.8
		96	9.01	0.94	21.5	10.7	1.16	21.8	12.5	1.40	22.1	13.4	1.53	22.2	14.2	1.66	22.4	16.0	1.95	22.7	17.7	2.27	23.0
		120	9.01	0.93	21.2	10.7	1.14	21.4	12.5	1.37	21.7	13.4	1.50	21.8	14.2	1.63	21.9	16.0	1.92	22.1	17.7	2.22	22.4
	25	50	9.01	1.16	27.9	10.7	1.43	28.5	12.5	1.74	29.1	13.4	1.90	29.4	14.2	2.08	29.7	16.0	2.45	30.3	17.7	2.85	30.9
		60	9.01	1.14	27.4	10.7	1.41	27.9	12.5	1.71	28.4	13.4	1.87	28.6	14.2	2.04	28.9	16.0	2.40	29.4	17.7	2.80	29.9
		96	9.01	1.09	26.5	10.7	1.34	26.8	12.5	1.63	27.1	13.4	1.78	27.3	14.2	1.94	27.4	16.0	2.29	27.7	17.7	2.66	28.0
		120	9.01	1.07	26.2	10.7	1.32	26.4	12.5	1.60	26.7	13.4	1.75	26.8	14.2	1.91	26.9	16.0	2.24	27.2	17.7	2.61	27.4
	30	50	9.01	1.34	33.0	10.7	1.67	33.6	12.5	2.03	34.2	13.4	2.23	34.5	14.2	2.43	34.8	16.0	2.88	35.4	17.7	3.36	36.0
		60	9.01	1.32	32.5	10.7	1.64	33.0	12.5	2.00	33.5	13.4	2.19	33.7	14.2	2.39	34.0	16.0	2.82	34.5	17.7	3.30	35.0
		96	9.01	1.26	31.5	10.7	1.56	31.8	12.5	1.90	32.1	13.4	2.09	32.3	14.2	2.28	32.5	16.0	2.69	32.8	17.7	3.13	33.1
		120	9.01	1.24	31.2	10.7	1.54	31.5	12.5	1.87	31.7	13.4	2.05	31.8	14.2	2.23	32.0	16.0	2.64	32.2	17.7	3.07	32.5
	35	50	9.01	1.56	38.0	10.7	1.95	38.6	12.5	2.39	39.3	13.4	2.63	39.6	14.2	2.88	39.9	16.0	3.41	40.6	17.7	3.99	41.2
		60	9.01	1.54	37.5	10.7	1.92	38.0	12.5	2.35	38.5	13.4	2.58	38.8	14.2	2.82	39.1	16.0	3.35	39.6	17.7	3.91	40.2
		96	9.01	1.47	36.6	10.7	1.83	36.9	12.5	2.24	37.2	13.4	2.46	37.4	14.2	2.69	37.5	16.0	3.18	37.9	17.7	3.72	38.2
		120	9.01	1.45	36.2	10.7	1.80	36.5	12.5	2.20	36.8	13.4	2.41	36.9	14.2	2.64	37.0	16.0	3.12	37.3	17.7	3.65	37.5
	40	50	9.01	1.72	43.1	10.7	2.21	43.7	12.5	2.77	44.4	13.4	3.07	44.7	14.2	3.39	45.0	16.0	4.08	45.7	17.7	4.83	46.5
		60	9.01	1.71	42.6	10.7	2.19	43.1	12.5	2.73	43.6	13.4	3.02	43.9	14.2	3.33	44.2	16.0	3.99	44.8	17.7	4.72	45.4
		96	9.01	1.57	41.6	10.7	1.97	41.9	12.5	2.43	42.2	13.4	2.68	42.4	14.2	2.94	42.6	16.0	3.50	42.9	17.7	4.11	43.3
		120	9.01	1.52	41.3	10.7	1.91	41.5	12.5	2.35	41.8	13.4	2.59	41.9	14.2	2.85	42.0	16.0	3.39	42.3	17.7	3.98	42.6
	45	50	9.01	1.97	48.1	10.7	2.60	48.8	12.1	3.12	49.4	12.3	3.14	49.4	12.4	3.15	49.5	12.7	3.17	49.6	13.0	3.19	49.6
		60	9.01	1.86	47.6	10.7	2.45	48.2	12.5	3.12	48.7	13.2	3.43	49.0	13.4	3.45	49.0	13.8	3.48	49.1	14.0	3.50	49.2
		96	9.01	1.69	46.6	10.7	2.19	46.9	12.5	2.74	47.3	13.4	3.05	47.4	14.2	3.37	47.6	16.0	4.06	48.0	17.2	4.55	48.2
		120	9.01	1.67	46.3	10.7	2.14	46.5	12.5	2.67	46.8	13.4	2.95	46.9	14.2	3.26	47.1	16.0	3.91	47.4	17.7	4.62	47.7

3 Capacity tables

3 - 1 Cooling capacity tables

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
130	10	50	46.9	6.96	17.7	55.9	9.26	19.3	61.1	9.79	20.2	62.0	9.84	20.3	62.8	9.88	20.4	64.2	9.94	20.6	65.3	9.97	20.8
		60	46.9	6.82	16.4	55.9	9.08	17.8	61.3	9.69	18.5	62.2	9.74	18.6	63.1	9.78	18.7	64.5	9.84	18.9	65.6	9.87	19.0
		96	46.9	6.48	14.0	55.9	8.62	14.8	62.1	9.43	15.3	63.0	9.47	15.4	63.9	9.51	15.5	65.3	9.57	15.6	66.5	9.61	15.7
		120	46.9	6.36	13.2	55.9	8.45	13.8	62.4	9.33	14.3	63.3	9.37	14.3	64.2	9.41	14.4	65.6	9.47	14.5	66.8	9.51	14.6
	15	50	46.9	7.20	22.7	55.9	9.59	24.4	60.0	10.1	25.0	60.8	10.1	25.2	61.6	10.2	25.3	63.0	10.2	25.5	64.0	10.3	25.6
		60	46.9	7.07	21.4	55.9	9.40	22.8	60.2	9.98	23.4	61.1	10.0	23.5	61.9	10.1	23.6	63.3	10.1	23.8	64.3	10.2	23.9
		96	46.9	6.71	19.0	55.9	8.92	19.8	61.0	9.71	20.3	61.9	9.75	20.3	62.7	9.79	20.4	64.1	9.85	20.5	65.2	9.89	20.6
		120	46.9	6.58	18.2	55.9	8.75	18.9	61.3	9.60	19.2	62.2	9.65	19.3	63.0	9.69	19.3	64.4	9.75	19.4	65.5	9.79	19.5
	20	50	46.9	7.48	27.8	55.9	9.97	29.4	58.6	10.4	29.9	59.4	10.4	30.0	60.2	10.5	30.1	61.4	10.5	30.3	62.4	10.6	30.4
		60	46.9	7.34	26.5	55.9	9.78	27.8	58.8	10.3	28.3	59.7	10.3	28.4	60.4	10.4	28.5	61.7	10.4	28.6	62.7	10.5	28.7
		96	46.9	6.97	24.0	55.9	9.28	24.9	59.6	9.98	25.2	60.4	10.0	25.3	61.2	10.1	25.3	62.5	10.1	25.4	63.5	10.2	25.5
		120	46.9	6.84	23.2	55.9	9.09	23.9	59.8	9.88	24.2	60.7	9.93	24.2	61.5	9.97	24.3	62.8	10.0	24.4	63.9	10.1	24.4
	25	50	46.9	8.82	33.0	55.0	11.4	34.5	56.8	11.5	34.8	57.6	11.6	34.9	58.3	11.6	35.0	59.5	11.7	35.2	60.3	11.7	35.3
		60	46.9	8.66	31.6	55.3	11.3	32.9	57.1	11.4	33.2	57.9	11.5	33.3	58.6	11.5	33.4	59.8	11.6	33.5	60.6	11.6	33.6
		96	46.9	8.22	29.1	55.9	11.0	30.0	57.8	11.1	30.1	58.6	11.2	30.2	59.4	11.2	30.3	60.6	11.3	30.4	61.5	11.3	30.4
		120	46.9	8.06	28.3	55.9	10.7	29.0	58.1	11.0	29.1	58.9	11.0	29.2	59.6	11.1	29.2	60.9	11.1	29.3	61.8	11.2	29.4
	30	50	46.9	10.4	38.2	53.0	12.6	39.4	54.8	12.7	39.7	55.5	12.7	39.8	56.1	12.8	39.9	57.1	12.8	40.0	57.8	12.9	40.1
		60	46.9	10.3	36.8	53.3	12.4	37.9	55.0	12.6	38.1	55.8	12.6	38.2	56.4	12.7	38.2	57.4	12.7	38.4	58.1	12.7	38.5
		96	46.9	9.73	34.2	53.9	12.1	34.9	55.7	12.2	35.1	56.5	12.3	35.1	57.1	12.3	35.2	58.2	12.4	35.3	59.0	12.4	35.3
		120	46.9	9.54	33.4	54.2	12.0	34.0	56.0	12.1	34.1	56.7	12.2	34.1	57.4	12.2	34.2	58.5	12.3	34.2	59.3	12.3	34.3
	35	50	46.9	12.5	43.5	50.7	13.7	44.2	52.3	13.9	44.5	53.0	13.9	44.6	53.5	14.0	44.7	54.4	14.0	44.8	54.8	14.0	44.9
		60	46.9	12.2	42.1	51.0	13.6	42.7	52.6	13.7	42.9	53.2	13.8	43.0	53.8	13.8	43.1	54.6	13.9	43.2	55.1	13.9	43.2
		96	46.9	11.6	39.4	51.6	13.2	39.8	53.2	13.4	40.0	53.9	13.4	40.0	54.5	13.5	40.1	55.4	13.5	40.1	56.0	13.5	40.2
		120	46.9	11.4	38.5	51.8	13.1	38.9	53.5	13.2	39.0	54.2	13.3	39.0	54.8	13.3	39.1	55.7	13.4	39.1	56.3	13.4	39.2
	40	50	38.1	10.1	46.9	39.2	10.2	47.1	39.9	10.2	47.2	40.0	10.2	47.2	40.0	10.2	47.2	39.6	10.1	47.1	38.7	9.91	47.0
		60	40.1	10.9	46.1	41.4	11.0	46.3	42.3	11.1	46.4	42.5	11.1	46.4	42.6	11.1	46.4	42.5	11.0	46.4	42.0	10.9	46.3
		96	45.5	12.2	44.3	47.3	12.4	44.5	48.6	12.5	44.6	49.2	12.5	44.6	49.6	12.5	44.6	50.1	12.6	44.7	50.2	12.5	44.7
		120	45.9	12.0	43.5	47.7	12.2	43.6	49.1	12.3	43.7	49.6	12.3	43.7	50.0	12.3	43.7	50.6	12.4	43.8	50.8	12.3	43.8
	45	50	26.6	6.39	49.7	26.3	6.30	49.7	25.3	6.12	49.5	24.4	6.00	49.4	23.4	5.85	49.2	20.8	5.49	48.8	17.4	5.04	48.2
		60	29.2	7.05	49.3	29.3	7.01	49.3	28.8	6.88	49.3	28.2	6.79	49.2	27.5	6.68	49.1	25.5	6.39	48.8	22.8	6.03	48.4
		96	36.4	9.26	48.4	37.4	9.32	48.5	37.9	9.32	48.5	37.9	9.30	48.5	37.8	9.25	48.5	37.2	9.12	48.5	36.1	8.93	48.4
		120	40.0	10.6	48.0	41.3	10.7	48.1	42.1	10.8	48.2	42.4	10.8	48.2	42.5	10.8	48.2	42.4	10.7	48.2	41.8	10.6	48.1
120	10	50	43.2	6.13	17.1	51.6	8.12	18.6	59.9	9.73	20.0	60.9	9.78	20.1	61.7	9.83	20.3	63.2	9.90	20.5	64.4	9.95	20.7
		60	43.2	6.02	15.9	51.6	7.97	17.1	59.9	9.62	18.3	61.2	9.69	18.5	62.0	9.73	18.6	63.5	9.80	18.8	64.8	9.85	18.9
		96	43.2	5.72	13.7	51.6	7.56	14.4	59.9	9.31	15.2	61.9	9.42	15.3	62.8	9.46	15.4	64.3	9.53	15.5	65.6	9.58	15.6
		120	43.2	5.61	12.9	51.6	7.41	13.5	59.9	9.19	14.1	62.2	9.32	14.3	63.1	9.36	14.3	64.6	9.43	14.4	65.9	9.48	14.5
	15	50	43.2	6.35	22.1	51.6	8.41	23.6	58.9	10.0	24.9	59.8	10.1	25.0	60.6	10.1	25.1	62.1	10.2	25.4	63.2	10.2	25.5
		60	43.2	6.23	20.9	51.6	8.25	22.1	59.2	9.92	23.3	60.1	9.97	23.4	60.9	10.0	23.5	62.4	10.1	23.7	63.5	10.1	23.8
		96	43.2	5.92	18.7	51.6	7.83	19.4	59.9	9.65	20.2	60.8	9.70	20.3	61.7	9.74	20.3	63.2	9.81	20.4	64.4	9.86	20.5
		120	43.2	5.80	17.9	51.6	7.68	18.5	59.9	9.53	19.1	61.1	9.60	19.2	62.0	9.64	19.3	63.5	9.71	19.4	64.7	9.76	19.4
	20	50	43.2	6.59	27.1	51.6	8.74	28.6	57.5	10.3	29.7	58.4	10.4	29.9	59.2	10.4	30.0	60.6	10.5	30.2	61.6	10.5	30.3
		60	43.2	6.47	25.9	51.6	8.57	27.2	57.8	10.2	28.1	58.7	10.3	28.2	59.5	10.3	28.3	60.8	10.4	28.5	62.0	10.4	28.6
		96	43.2	6.15	23.7	51.6	8.14	24.5	58.5	9.93	25.1	59.4	9.98	25.2	60.2	10.0	25.2	61.6	10.1	25.4	62.8	10.1	25.4
		120	43.2	6.03	22.9	51.6	7.98	23.6	58.8	9.82	24.1	59.7	9.87	24.2	60.5	9.91	24.2	61.9	9.99	24.3	63.1	10.0	24.4
	25	50	43.2	7.77	32.3	51.6	10.3	33.9	55.9	11.5	34.7	56.7	11.5	34.8	57.4	11.6	34.9	58.7	11.6	35.1	59.7	11.7	35.2
		60	43.2	7.62	31.1	51.6	10.1	32.4	56.1	11.3	33.1	56.9	11.4	33.2	57.7	11.5	33.3	59.0	11.5	33.4	60.0	11.6	33.5
		96	43.2	7.24	28.8	51.6	9.60	29.6	56.8	11.0	30.1	57.7	11.1	30.1	58.4	11.1	30.2	59.8	11.2	30.3	60.8	11.3	30.4
		120	43.2	7.10	28.0	51.6	9.41	28.6	57.1	10.9	29.1	57.9	11.0	29.1	58.7	11.0	29.2	60.0	11.1	29.2	61.1	11.2	29.3
	30	50	43.2	9.18	37.5	51.6	12.2	39.1	53.9	12.6	39.5	54.6	12.7	39.6	55.3	12.7	39.8	56.5	12.8	39.9	57.3	12.9	40.1
		60	43.2	9.01	36.2	51.6	12.0	37.6	54.1	12.5	38.0	54.9	12.6	38.1	55.6	12.6	38.1	56.7	12.7	38.3	57.6	12.7	38.4
		96	43.2	8.56	33.9	51.6	11.4	34.7	54.8	12.2	35.0	55.6	12.2	35.1	56.3	12.3	35.1	57.5	12.3	35.2	58.4	12.4	35.3
		120	43.2	8.39	33.1	51.6	11.2	33.7	55.0	12.0	34.0	55.8	12.1	34.1	56.5	12.1	34.1	57.8	12.2	34.2	58.7	12.3	34.2
	35	50	43.2	11.0	42.8	49.9	13.7	44.1	51.5	13.8	44.4	52.2	13.9	44.5	52.8	13.9	44.6	53.8	14.0	44.7	54.5	14.0	44.8
		60	43.2	10.7	41.4	50.1	13.5	42.6	51.7	13.7	42.8	52.4	13.7	42.9	53.1	13.8	43.0	54.1	13.8	43.1	54.8	13.9	43.2
		96	43.2	10.2	39.0	50.7	13.2	39.8	52.4	13.3	39.9	53.1	13.4	40.0	53.8	13.4	40.0	54.8	13.5	40.1	55.6	13.5	40.2
		120	43.2	10.0	38.2	50.9	13.0	38.8	52.6	13.2	38.9	53.4	13.2	39.0	54.0	13.3	39.0	55.1	13.3	39.1	55.9	13.4	39.1
	40	50	37.5	10.1	46.8	38.7	10.2	47.0	39.6	10.2	47.1	39.8	10.2	47.2	40.0	10.2	47.2	40.0	10.2	47.2	39.5	10.0	47.1
		60	39.4	10.9	46.0	40.8	11.0	46.2	41.8	11.1	46.3	42.2	11.1	46.4	42.5	11.1	46.4	42.7	11.1	46.4	42.5	11.0	46.4
		96	43.2	11.4	44.1	46.5	12.3	44.4	47.9	12.4	44.5	48.5	12.5	44.6	49.0	12.5	44.6	49.8	12.6	44.7	50.2	12.5	44.7
		120	43.2	11.0	43.2	46.9	12.1	43.5	48.4	12.2	43.6	49.0	12.3	43.7	49.5	12.3	43.7	50.3	12.4	43.7	50.7	12.4	43.8
	45	50	26.5	6.40	49.7	26.6	6.36	49.7	26.0	6.23	49.6	25.4	6.14	49.5	24.7	6.03	49.4	22.7	5.75	49.1	20.2	5.40	48.7
		60	29.0	7.05	49.3	29.4	7.04	49.4	29.2	6.96	49.3	28.8	6.90	49.3	28.4	6.82	49.2	27.0	6.60	49.0	25.0	6.32	48.7
		96	35.9	9.22	48.4	37.0	9.30	48.5	37.7	9.33	48.5	37.9	9.32	48.5	37.9	9.30	48.5	37.7	9.22	48.5	37.0	9.08	48.4
		120	39.3	10.6	48.0	40.7	10.7	48.1	41.7	10.8	48.1	42.1	10.8	48.2	42.3	10.8	48.2	42.5	10.8	48.2	42.3	10.7	48.2

3 Capacity tables

3 - 1 Cooling capacity tables

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
110	10	50	39.6	5.36	16.5	47.3	7.06	17.8	54.9	9.00	19.2	58.7	9.66	19.8	60.6	9.77	20.1	62.1	9.84	20.3	63.4	9.90	20.5
		60	39.6	5.26	15.4	47.3	6.92	16.5	54.9	8.83	17.6	58.7	9.54	18.2	60.8	9.67	18.4	62.4	9.75	18.6	63.7	9.81	18.8
		96	39.6	5.00	13.3	47.3	6.58	14.0	54.9	8.37	14.7	58.7	9.23	15.1	61.6	9.40	15.3	63.2	9.48	15.4	64.5	9.54	15.5
		120	39.6	4.91	12.7	47.3	6.45	13.2	54.9	8.21	13.8	58.7	9.12	14.1	61.9	9.31	14.3	63.5	9.38	14.4	64.8	9.44	14.4
	15	50	39.6	5.55	21.5	47.3	7.31	22.8	54.9	9.32	24.2	58.7	10.0	24.8	59.5	10.1	25.0	61.0	10.1	25.2	62.3	10.2	25.4
		60	39.6	5.44	20.4	47.3	7.17	21.5	54.9	9.14	22.7	58.7	9.89	23.2	59.8	9.95	23.3	61.3	10.0	23.5	62.6	10.1	23.7
		96	39.6	5.18	18.3	47.3	6.81	19.0	54.9	8.67	19.7	58.7	9.57	20.1	60.5	9.68	20.2	62.0	9.76	20.4	63.4	9.82	20.5
		120	39.6	5.08	17.7	47.3	6.68	18.2	54.9	8.50	18.8	58.7	9.45	19.1	60.8	9.58	19.2	62.3	9.66	19.3	63.7	9.72	19.4
	20	50	39.6	5.76	26.5	47.3	7.59	27.9	54.9	9.69	29.3	57.3	10.3	29.7	58.1	10.3	29.8	59.5	10.4	30.0	60.7	10.5	30.2
		60	39.6	5.66	25.4	47.3	7.45	26.5	54.9	9.50	27.7	57.6	10.2	28.1	58.4	10.2	28.2	59.8	10.3	28.4	61.0	10.4	28.5
		96	39.6	5.38	23.4	47.3	7.08	24.1	54.9	9.02	24.8	58.3	9.91	25.1	59.1	9.96	25.2	60.6	10.0	25.3	61.8	10.1	25.4
		120	39.6	5.27	22.7	47.3	6.94	23.2	54.9	8.84	23.8	58.5	9.81	24.1	59.4	9.85	24.1	60.9	9.93	24.2	62.1	10.00	24.3
	25	50	39.6	6.78	31.7	47.3	8.95	33.1	54.8	11.4	34.5	55.6	11.4	34.6	56.4	11.5	34.7	57.7	11.6	34.9	58.9	11.7	35.1
		60	39.6	6.65	30.5	47.3	8.78	31.7	54.9	11.2	32.9	55.9	11.3	33.0	56.7	11.4	33.1	58.0	11.5	33.3	59.2	11.5	33.4
		96	39.6	6.32	28.4	47.3	8.34	29.2	54.9	10.6	29.9	56.6	11.0	30.0	57.4	11.1	30.1	58.8	11.2	30.2	59.9	11.2	30.3
		120	39.6	6.20	27.7	47.3	8.18	28.3	54.9	10.4	28.9	56.8	10.9	29.0	57.6	11.0	29.1	59.0	11.0	29.2	60.2	11.1	29.3
	30	50	39.6	8.00	36.8	47.3	10.6	38.3	52.8	12.6	39.4	53.6	12.6	39.5	54.3	12.7	39.6	55.6	12.8	39.8	56.6	12.8	40.0
		60	39.6	7.85	35.7	47.3	10.4	36.9	53.1	12.4	37.8	53.9	12.5	37.9	54.6	12.5	38.0	55.9	12.6	38.2	56.9	12.7	38.3
		96	39.6	7.46	33.5	47.3	9.88	34.3	53.7	12.1	34.9	54.5	12.1	35.0	55.3	12.2	35.0	56.6	12.3	35.1	57.6	12.4	35.2
		120	39.6	7.32	32.8	47.3	9.68	33.4	54.0	12.0	33.9	54.8	12.0	34.0	55.5	12.1	34.0	56.9	12.2	34.1	57.9	12.2	34.2
	35	50	39.6	9.53	42.0	47.3	12.7	43.6	50.5	13.7	44.2	51.3	13.8	44.3	51.9	13.8	44.4	53.1	13.9	44.6	53.9	14.0	44.7
		60	39.6	9.35	40.9	47.3	12.4	42.1	50.8	13.6	42.7	51.5	13.6	42.8	52.2	13.7	42.9	53.3	13.8	43.0	54.2	13.8	43.1
		96	39.6	8.88	38.6	47.3	11.8	39.4	51.4	13.2	39.8	52.2	13.3	39.9	52.9	13.3	39.9	54.0	13.4	40.0	54.9	13.5	40.1
		120	39.6	8.71	37.9	47.3	11.6	38.5	51.7	13.1	38.9	52.4	13.1	38.9	53.1	13.2	39.0	54.3	13.3	39.0	55.2	13.3	39.1
	40	50	36.8	10.0	46.7	38.1	10.1	46.9	39.1	10.2	47.1	39.5	10.2	47.1	39.8	10.2	47.2	40.0	10.2	47.2	39.9	10.1	47.2
		60	38.6	10.8	45.9	40.1	10.9	46.1	41.3	11.0	46.2	41.7	11.1	46.3	42.1	11.1	46.4	42.5	11.1	46.4	42.7	11.0	46.4
		96	39.6	9.86	43.7	45.6	12.2	44.3	47.1	12.4	44.4	47.8	12.4	44.5	48.3	12.5	44.5	49.2	12.5	44.6	49.9	12.6	44.7
		120	39.6	9.53	42.9	46.0	12.0	43.5	47.5	12.2	43.6	48.2	12.2	43.6	48.8	12.3	43.6	49.7	12.3	43.7	50.3	12.4	43.7
	45	50	26.3	6.40	49.7	26.6	6.39	49.7	26.4	6.31	49.7	26.1	6.25	49.6	25.6	6.18	49.6	24.3	5.97	49.3	22.4	5.71	49.0
		60	28.7	7.03	49.3	29.3	7.05	49.3	29.4	7.02	49.3	29.2	6.98	49.3	29.0	6.93	49.3	28.1	6.77	49.2	26.7	6.56	49.0
		96	35.3	9.17	48.3	36.5	9.27	48.4	37.4	9.32	48.5	37.7	9.33	48.5	37.8	9.33	48.5	37.9	9.29	48.5	37.6	9.20	48.5
		120	38.5	10.5	47.9	40.0	10.7	48.0	41.2	10.7	48.1	41.6	10.8	48.1	42.0	10.8	48.2	42.4	10.8	48.2	42.5	10.8	48.2
100	10	50	36.0	4.64	15.8	43.0	6.07	17.0	49.9	7.70	18.3	53.4	8.59	18.9	56.9	9.53	19.5	60.8	9.78	20.1	62.2	9.85	20.3
		60	36.0	4.56	14.8	43.0	5.96	15.8	49.9	7.56	16.9	53.4	8.43	17.4	56.9	9.35	17.9	61.1	9.68	18.5	62.5	9.75	18.6
		96	36.0	4.34	13.0	43.0	5.66	13.6	49.9	7.17	14.3	53.4	8.00	14.6	56.9	8.87	14.9	61.9	9.42	15.3	63.3	9.49	15.4
		120	36.0	4.25	12.4	43.0	5.55	12.9	49.9	7.03	13.4	53.4	7.84	13.7	56.9	8.69	13.9	62.2	9.32	14.3	63.6	9.39	14.4
	15	50	36.0	4.80	20.9	43.0	6.29	22.1	49.9	7.98	23.3	53.4	8.90	23.9	56.9	9.87	24.6	59.7	10.1	25.0	61.1	10.1	25.2
		60	36.0	4.72	19.9	43.0	6.17	20.9	49.9	7.82	21.9	53.4	8.73	22.4	56.9	9.68	22.9	60.0	9.97	23.4	61.4	10.0	23.5
		96	36.0	4.49	18.0	43.0	5.86	18.6	49.9	7.43	19.3	53.4	8.28	19.6	56.9	9.19	19.9	60.8	9.70	20.3	62.1	9.76	20.4
		120	36.0	4.40	17.4	43.0	5.75	17.9	49.9	7.28	18.4	53.4	8.12	18.7	56.9	9.00	18.9	61.0	9.59	19.2	62.4	9.66	19.3
	20	50	36.0	4.99	25.9	43.0	6.53	27.1	49.9	8.29	28.3	53.4	9.25	29.0	56.9	10.3	29.6	58.4	10.4	29.8	59.6	10.4	30.0
		60	36.0	4.90	24.9	43.0	6.41	25.9	49.9	8.13	26.9	53.4	9.07	27.5	56.9	10.1	28.0	58.6	10.3	28.2	59.9	10.3	28.4
		96	36.0	4.66	23.0	43.0	6.09	23.7	49.9	7.72	24.3	53.4	8.61	24.6	56.9	9.55	25.0	59.4	9.97	25.2	60.7	10.0	25.3
		120	36.0	4.57	22.4	43.0	5.97	22.9	49.9	7.57	23.4	53.4	8.44	23.7	56.9	9.36	24.0	59.6	9.87	24.2	61.0	9.94	24.2
	25	50	36.0	5.86	31.0	43.0	7.69	32.3	49.9	9.78	33.6	53.4	10.9	34.2	55.2	11.4	34.6	56.6	11.5	34.8	57.8	11.6	35.0
		60	36.0	5.75	30.0	43.0	7.55	31.0	49.9	9.59	32.1	53.4	10.7	32.7	55.5	11.3	33.0	56.9	11.4	33.2	58.1	11.5	33.3
		96	36.0	5.47	28.1	43.0	7.17	28.7	49.9	9.11	29.4	53.4	10.2	29.7	56.2	11.0	30.0	57.6	11.1	30.1	58.9	11.2	30.2
		120	36.0	5.37	27.5	43.0	7.03	28.0	49.9	8.93	28.5	53.4	9.96	28.8	56.4	10.9	29.0	57.9	11.0	29.1	59.1	11.0	29.2
	30	50	36.0	6.91	36.2	43.0	9.10	37.5	49.9	11.6	38.8	52.5	12.5	39.3	53.2	12.6	39.4	54.6	12.7	39.6	55.7	12.8	39.8
		60	36.0	6.78	35.1	43.0	8.92	36.2	49.9	11.4	37.3	52.7	12.4	37.8	53.5	12.5	37.9	54.8	12.6	38.0	56.0	12.6	38.2
		96	36.0	6.44	33.2	43.0	8.47	33.8	49.9	10.8	34.5	53.4	12.1	34.9	54.2	12.1	34.9	55.5	12.2	35.1	56.7	12.3	35.1
		120	36.0	6.32	32.5	43.0	8.31	33.1	49.9	10.6	33.6	53.4	11.8	33.9	54.4	12.0	34.0	55.8	12.1	34.1	56.9	12.2	34.1
	35	50	36.0	8.21	41.3	43.0	10.8	42.7	49.5	13.6	44.0	50.2	13.7	44.2	50.9	13.8	44.3	52.1	13.9	44.5	53.1	13.9	44.6
		60	36.0	8.05	40.3	43.0	10.6	41.4	49.7	13.5	42.6	50.5	13.6	42.6	51.2	13.6	42.7	52.4	13.7	42.9	53.4	13.8	43.0
		96	36.0	7.65	38.3	43.0	10.1	39.0	49.9	12.9	39.7	51.1	13.2	39.8	51.8	13.2	39.9	53.1	13.3	40.0	54.1	13.4	40.0
		120	36.0	7.51	37.6	43.0	9.91	38.2	49.9	12.7	38.7	51.3	13.0	38.8	52.0	13.1	38.9	53.3	13.2	39.0	54.4	13.3	39.0
	40	50	36.0	9.94	46.6	37.4	10.1	46.8	38.5	10.2	47.0	39.0	10.2	47.0	39.3	10.2	47.1	39.8	10.2	47.2	40.0	10.2	47.2
		60	36.0	9.73	45.5	39.3	10.9	46.0	40.6	11.0	46.2	41.1	11.0	46.2	41.5	11.0	46.3	42.2	11.1	46.4	42.6	11.1	46.4
		96	36.0	8.46	43.3	43.0	11.2	44.0	46.2	12.3	44.4	46.8	12.4	44.4	47.5	12.4	44.5	48.5	12.5	44.6	49.3	12.5	44.6
		120	36.0	8.19	42.6	43.0	10.9	43.2	46.6	12.1	43.5	47.3	12.2	43.5	47.9	12.2	43.6	48.9	12.3	43.7	49.8	12.3	43.7
	45	50	26.0	6.39	49.6	26.5	6.40	49.7	26.6	6.37	49.7	26.5	6.33	49.7	26.3	6.29	49.7	25.4	6.15	49.5	24.2	5.95	49.3
		60	28.2	7.00	49.2	29.0	7.05	49.3	29.4	7.05	49.3	29.4	7.03	49.3	29.3	7.00	49.3	28.9	6.90	49.3	28.0	6.76	49.2
		96	34.5	9.11	48.3	35.9	9.22	48.4	36.8	9.29	48.4	37.2	9.31	48.5	37.5	9.33	48.5	37.9	9.33	48.5	37.9	9.28	48.5
		120	36.0	9.52	47.7	39.2	10.6	48.0	40.5	10.7	48.1	41.0	10.7	48.1	41.4	10.8	48.1	42.1	10.8	48.2	42.4	10.8	48.2

3 Capacity tables

3 - 1 Cooling capacity tables

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																						
			14,0			16,0			18,0			19,0			20,0			22,0			24,0				
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.		
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C		
90	10	50	32.4	3.98	15.2	38.7	5.16	16.3	44.9	6.51	17.4	48.1	7.24	17.9	51.2	8.02	18.5	57.4	9.57	19.6	60.8	9.78	20.1		
		60	32.4	3.91	14.3	38.7	5.07	15.2	44.9	6.39	16.1	48.1	7.11	16.6	51.2	7.87	17.1	57.4	9.46	18.0	61.1	9.68	18.5		
		96	32.4	3.72	12.7	38.7	4.82	13.2	44.9	6.07	13.8	48.1	6.75	14.1	51.2	7.47	14.4	57.4	9.02	15.0	61.8	9.42	15.3		
		120	32.4	3.65	12.2	38.7	4.73	12.6	44.9	5.95	13.0	48.1	6.62	13.3	51.2	7.32	13.5	57.4	8.84	14.0	62.1	9.32	14.3		
	15	50	32.4	4.12	20.2	38.7	5.34	21.3	44.9	6.74	22.4	48.1	7.50	23.0	51.2	8.30	23.5	57.4	9.92	24.7	59.7	10.1	25.0		
		60	32.4	4.04	19.4	38.7	5.25	20.2	44.9	6.61	21.2	48.1	7.36	21.6	51.2	8.15	22.1	57.4	9.80	23.0	60.0	9.97	23.4		
		96	32.4	3.85	17.7	38.7	4.99	18.3	44.9	6.28	18.8	48.1	6.99	19.1	51.2	7.73	19.4	57.4	9.34	20.0	60.7	9.69	20.3		
		120	32.4	3.78	17.2	38.7	4.89	17.6	44.9	6.16	18.1	48.1	6.85	18.3	51.2	7.58	18.5	57.4	9.15	19.0	61.0	9.59	19.2		
	20	50	32.4	4.27	25.3	38.7	5.55	26.3	44.9	7.00	27.4	48.1	7.80	28.0	51.2	8.63	28.6	57.0	10.3	29.6	58.3	10.4	29.8		
		60	32.4	4.20	24.4	38.7	5.45	25.3	44.9	6.87	26.2	48.1	7.65	26.7	51.2	8.47	27.1	57.3	10.2	28.1	58.6	10.3	28.2		
		96	32.4	4.00	22.7	38.7	5.18	23.3	44.9	6.53	23.8	48.1	7.26	24.1	51.2	8.04	24.4	57.4	9.71	25.0	59.3	9.97	25.2		
		120	32.4	3.92	22.2	38.7	5.08	22.6	44.9	6.40	23.1	48.1	7.12	23.3	51.2	7.88	23.5	57.4	9.52	24.0	59.6	9.87	24.1		
	25	50	32.4	5.01	30.4	38.7	6.53	31.5	44.9	8.25	32.6	48.1	9.19	33.2	51.2	10.2	33.8	55.3	11.4	34.6	56.6	11.5	34.8		
		60	32.4	4.92	29.5	38.7	6.41	30.4	44.9	8.10	31.3	48.1	9.02	31.8	51.2	9.99	32.3	55.6	11.3	33.0	56.9	11.4	33.2		
		96	32.4	4.68	27.8	38.7	6.09	28.3	44.9	7.69	28.9	48.1	8.56	29.2	51.2	9.48	29.5	56.3	11.0	30.0	57.6	11.1	30.1		
		120	32.4	4.60	27.2	38.7	5.97	27.7	44.9	7.54	28.1	48.1	8.39	28.4	51.2	9.30	28.6	56.5	10.9	29.0	57.8	11.0	29.1		
	30	50	32.4	5.89	35.5	38.7	7.70	36.6	44.9	9.77	37.8	48.1	10.9	38.4	51.2	12.1	39.1	53.4	12.6	39.5	54.5	12.7	39.6		
		60	32.4	5.79	34.6	38.7	7.56	35.5	44.9	9.58	36.5	48.1	10.7	37.0	51.2	11.9	37.5	53.6	12.5	37.9	54.8	12.6	38.0		
		96	32.4	5.51	32.8	38.7	7.18	33.4	44.9	9.10	34.0	48.1	10.1	34.3	51.2	11.2	34.7	54.3	12.1	35.0	55.5	12.2	35.1		
		120	32.4	5.40	32.3	38.7	7.05	32.7	44.9	8.92	33.2	48.1	9.94	33.5	51.2	11.0	33.7	54.5	12.0	34.0	55.8	12.1	34.1		
	35	50	32.4	6.99	40.7	38.7	9.17	41.9	44.9	11.7	43.1	48.1	13.0	43.8	49.8	13.7	44.1	51.0	13.8	44.3	52.1	13.9	44.5		
		60	32.4	6.86	39.7	38.7	9.00	40.7	44.9	11.4	41.7	48.1	12.8	42.3	50.0	13.5	42.6	51.3	13.6	42.8	52.4	13.7	42.9		
		96	32.4	6.52	37.9	38.7	8.55	38.5	44.9	10.9	39.2	48.1	12.1	39.5	50.6	13.1	39.8	51.9	13.3	39.9	53.0	13.3	40.0		
		120	32.4	6.40	37.3	38.7	8.38	37.8	44.9	10.6	38.3	48.1	11.9	38.6	50.8	13.0	38.8	52.2	13.1	38.9	53.3	13.2	39.0		
	40	50	32.4	8.38	45.9	36.6	10.00	46.7	37.7	10.1	46.9	38.2	10.1	46.9	38.7	10.2	47.0	39.4	10.2	47.1	39.8	10.2	47.2		
		60	32.4	8.20	44.9	38.4	10.8	45.9	39.7	10.9	46.0	40.3	11.0	46.1	40.8	11.0	46.2	41.6	11.1	46.3	42.2	11.1	46.4		
		96	32.4	7.17	43.0	38.7	9.47	43.6	44.9	12.1	44.3	45.8	12.3	44.3	46.4	12.3	44.4	47.6	12.4	44.5	48.5	12.5	44.6		
		120	32.4	6.94	42.4	38.7	9.16	42.9	44.9	11.7	43.4	46.2	12.1	43.5	46.8	12.1	43.5	48.0	12.2	43.6	48.9	12.3	43.7		
	45	50	25.5	6.36	49.6	26.3	6.40	49.7	26.6	6.40	49.7	26.6	6.39	49.7	26.6	6.36	49.7	26.2	6.28	49.7	25.5	6.15	49.5		
		60	27.6	6.96	49.1	28.5	7.03	49.2	29.1	7.05	49.3	29.3	7.05	49.3	29.4	7.04	49.4	29.3	6.99	49.3	28.9	6.91	49.3		
		96	32.4	8.35	48.0	35.1	9.16	48.3	36.2	9.24	48.4	36.6	9.28	48.4	37.0	9.30	48.5	37.6	9.33	48.5	37.9	9.33	48.5		
		120	32.4	8.02	47.4	38.3	10.5	47.9	39.6	10.6	48.0	40.2	10.7	48.0	40.7	10.7	48.1	41.5	10.8	48.1	42.1	10.8	48.2		
80	10	50	28.8	3.37	14.6	34.4	4.33	15.5	39.9	5.42	16.5	42.7	6.01	17.0	45.5	6.64	17.5	51.1	7.99	18.5	56.6	9.46	19.5		
		60	28.8	3.31	13.8	34.4	4.25	14.6	39.9	5.32	15.4	42.7	5.90	15.8	45.5	6.51	16.2	51.1	7.83	17.0	56.6	9.28	17.9		
		96	28.8	3.15	12.4	34.4	4.05	12.9	39.9	5.06	13.4	42.7	5.61	13.6	45.5	6.19	13.9	51.1	7.44	14.4	56.6	8.80	14.9		
		120	28.8	3.10	11.9	34.4	3.97	12.3	39.9	4.96	12.7	42.7	5.50	12.9	45.5	6.07	13.1	51.1	7.29	13.5	56.6	8.63	13.9		
	15	50	28.8	3.49	19.6	34.4	4.48	20.6	39.9	5.61	21.5	42.7	6.23	22.0	45.5	6.87	22.5	51.1	8.27	23.5	56.6	9.80	24.5		
		60	28.8	3.42	18.9	34.4	4.40	19.6	39.9	5.51	20.4	42.7	6.11	20.8	45.5	6.74	21.2	51.1	8.11	22.1	56.6	9.61	22.9		
		96	28.8	3.26	17.4	34.4	4.19	17.9	39.9	5.24	18.4	42.7	5.81	18.6	45.5	6.41	18.9	51.1	7.70	19.4	56.6	9.12	19.9		
		120	28.8	3.20	16.9	34.4	4.11	17.3	39.9	5.14	17.7	42.7	5.69	17.9	45.5	6.28	18.1	51.1	7.55	18.5	56.6	8.94	18.9		
	20	50	28.8	3.62	24.7	34.4	4.65	25.6	39.9	5.83	26.6	42.7	6.47	27.1	45.5	7.14	27.5	51.1	8.60	28.5	56.6	10.2	29.6		
		60	28.8	3.55	23.9	34.4	4.57	24.7	39.9	5.72	25.5	42.7	6.35	25.9	45.5	7.01	26.3	51.1	8.43	27.1	56.6	9.99	28.0		
		96	28.8	3.39	22.4	34.4	4.35	22.9	39.9	5.44	23.4	42.7	6.03	23.6	45.5	6.66	23.9	51.1	8.00	24.4	56.6	9.48	24.9		
		120	28.8	3.33	21.9	34.4	4.27	22.3	39.9	5.34	22.7	42.7	5.92	22.9	45.5	6.53	23.1	51.1	7.85	23.5	56.6	9.29	23.9		
	25	50	28.8	4.23	29.7	34.4	5.46	30.7	39.9	6.86	31.7	42.7	7.62	32.2	45.5	8.42	32.7	51.1	10.1	33.8	55.2	11.4	34.5		
		60	28.8	4.16	28.9	34.4	5.36	29.7	39.9	6.73	30.6	42.7	7.47	31.0	45.5	8.26	31.4	51.1	9.95	32.3	55.4	11.3	33.0		
		96	28.8	3.96	27.4	34.4	5.10	27.9	39.9	6.39	28.5	42.7	7.10	28.7	45.5	7.84	29.0	51.1	9.44	29.5	56.1	11.0	30.0		
		120	28.8	3.89	27.0	34.4	5.00	27.4	39.9	6.27	27.8	42.7	6.96	28.0	45.5	7.69	28.2	51.1	9.26	28.6	56.4	10.9	29.0		
	30	50	28.8	4.97	34.8	34.4	6.43	35.9	39.9	8.10	36.9	42.7	9.01	37.4	45.5	9.96	37.9	51.1	12.0	39.0	53.2	12.6	39.4		
		60	28.8	4.88	34.0	34.4	6.31	34.9	39.9	7.95	35.7	42.7	8.84	36.2	45.5	9.78	36.6	51.1	11.8	37.5	53.4	12.5	37.9		
		96	28.8	4.64	32.5	34.4	6.00	33.0	39.9	7.55	33.5	42.7	8.39	33.8	45.5	9.28	34.1	51.1	11.2	34.6	54.1	12.1	34.9		
		120	28.8	4.56	32.0	34.4	5.89	32.4	39.9	7.40	32.8	42.7	8.23	33.0	45.5	9.10	33.3	51.1	11.0	33.7	54.4	12.0	34.0		
	35	50	28.8	5.87	40.0	34.4	7.63	41.0	39.9	9.65	42.1	42.7	10.7	42.7	45.5	11.9	43.2	49.7	13.6	44.1	50.9	13.8	44.3		
		60	28.8	5.76	39.1	34.4	7.49	40.0	39.9	9.46	40.9	42.7	10.5	41.4	45.5	11.7	41.8	50.0	13.5	42.6	51.1	13.6	42.7		
		96	28.8	5.48	37.6	34.4	7.12	38.1	39.9	8.99	38.7	42.7	10.0	38.9	45.5	11.1	39.2	50.6	13.1	39.8	51.8	13.2	39.9		
		120	28.8	5.38	37.0	34.4	6.99	37.5	39.9	8.81	37.9	42.7	9.81	38.1	45.5	10.9	38.4	50.8	13.0	38.8	52.0	13.1	38.9		
	40	50	28.8	6.94	45.1	34.4	9.22	46.3	36.8	10.0	46.7	37.4	10.1	46.8	37.8	10.1	46.9	38.7	10.2	47.0	39.3	10.2	47.1		
		60	28.8	6.80	44.3	34.4	9.01	45.2	38.7	10.8	45.9	39.3	10.9	46.0	39.8	10.9	46.1	40.7	11.0	46.2	41.5	11.0	46.3		
		96	28.8	6.00	42.6	34.4	7.86	43.2	39.9	9.98	43.7	42.7	11.1	44.0	45.2	12.2	44.3	46.4	12.3	44.4	47.4	12.4	44.5		
		120	28.8	5.81	42.1	34.4	7.60	42.5	39.9	9.65	43.0	42.7	10.8	43.2	45.5	11.9	43.4	46.8	12.1	43.5	47.8	12.2	43.6		
	45	50	24.9	6.31	49.5	25.8	6.37	49.6	26.4	6.40	49.7	26.5	6.41	49.7	26.6	6.40	49.7	26.6	6.36	49.7	26.3	6.29	49.7		
		60	26.9	6.90	49.0	27.9	6.98	49.2	28.7	7.03	49.3	29.0	7.05	49.3	29.2	7.05	49.3	29.4	7.04	49.4	29.3	7.00	49.3		
		96	28.8	6.89	47.7	34.2	9.08	48.2	35.3	9.18	48.3	35.8	9.22	48.4	36.2	9.25	48.4	37.0	9.30	48.5	37.5	9.33	48.5		
		120	28.8	6.66	47.1	34.4	8.82	47.6	38.6	10.5	47.9	39.2	10.6	48.0	39.7	10.6	48.0	40.6	10.7	48.1	41.4	10.8	48.1		

3 Capacity tables

3 - 1 Cooling capacity tables

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																				
			14,0			16,0			18,0			19,0			20,0			22,0			24,0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
70	10	50	25.2	2.82	14.0	30.1	3.58	14.8	34.9	4.44	15.6	37.4	4.90	16.1	39.8	5.39	16.5	44.7	6.45	17.3	49.5	7.60	18.2
		60	25.2	2.77	13.3	30.1	3.51	14.0	34.9	4.36	14.7	37.4	4.81	15.0	39.8	5.29	15.4	44.7	6.33	16.1	49.5	7.46	16.8
		96	25.2	2.64	12.1	30.1	3.35	12.5	34.9	4.14	12.9	37.4	4.58	13.1	39.8	5.03	13.3	44.7	6.01	13.8	49.5	7.08	14.2
		120	25.2	2.59	11.7	30.1	3.29	12.0	34.9	4.07	12.3	37.4	4.49	12.5	39.8	4.94	12.7	44.7	5.90	13.0	49.5	6.94	13.4
	15	50	25.2	2.91	19.0	30.1	3.70	19.8	34.9	4.59	20.7	37.4	5.07	21.1	39.8	5.58	21.5	44.7	6.68	22.4	49.5	7.87	23.2
		60	25.2	2.86	18.4	30.1	3.63	19.0	34.9	4.51	19.7	37.4	4.98	20.1	39.8	5.48	20.4	44.7	6.55	21.1	49.5	7.72	21.8
		96	25.2	2.73	17.1	30.1	3.46	17.5	34.9	4.29	17.9	37.4	4.74	18.1	39.8	5.21	18.4	44.7	6.22	18.8	49.5	7.33	19.2
		120	25.2	2.68	16.7	30.1	3.40	17.0	34.9	4.21	17.3	37.4	4.65	17.5	39.8	5.11	17.7	44.7	6.10	18.0	49.5	7.19	18.4
	20	50	25.2	3.02	24.0	30.1	3.84	24.9	34.9	4.77	25.7	37.4	5.27	26.1	39.8	5.80	26.5	44.7	6.94	27.4	49.5	8.18	28.3
		60	25.2	2.97	23.4	30.1	3.77	24.0	34.9	4.68	24.7	37.4	5.17	25.1	39.8	5.69	25.4	44.7	6.81	26.1	49.5	8.03	26.9
		96	25.2	2.83	22.1	30.1	3.59	22.5	34.9	4.45	22.9	37.4	4.92	23.2	39.8	5.41	23.4	44.7	6.47	23.8	49.5	7.62	24.3
		120	25.2	2.78	21.7	30.1	3.53	22.0	34.9	4.37	22.3	37.4	4.83	22.5	39.8	5.31	22.7	44.7	6.34	23.0	49.5	7.47	23.4
	25	50	25.2	3.52	29.1	30.1	4.50	30.0	34.9	5.59	30.8	37.4	6.19	31.2	39.8	6.82	31.7	44.7	8.17	32.6	49.5	9.65	33.5
		60	25.2	3.46	28.4	30.1	4.42	29.1	34.9	5.49	29.8	37.4	6.08	30.2	39.8	6.69	30.6	44.7	8.02	31.3	49.5	9.47	32.0
		96	25.2	3.30	27.1	30.1	4.20	27.6	34.9	5.22	28.0	37.4	5.78	28.2	39.8	6.36	28.4	44.7	7.62	28.9	49.5	8.99	29.4
		120	25.2	3.24	26.7	30.1	4.13	27.0	34.9	5.13	27.4	37.4	5.67	27.6	39.8	6.24	27.8	44.7	7.47	28.1	49.5	8.81	28.5
	30	50	25.2	4.12	34.2	30.1	5.28	35.1	34.9	6.59	36.0	37.4	7.30	36.4	39.8	8.06	36.9	44.7	9.67	37.8	49.5	11.4	38.7
		60	25.2	4.05	33.5	30.1	5.18	34.2	34.9	6.47	34.9	37.4	7.17	35.3	39.8	7.91	35.7	44.7	9.49	36.5	49.5	11.2	37.3
		96	25.2	3.86	32.2	30.1	4.94	32.6	34.9	6.15	33.1	37.4	6.81	33.3	39.8	7.51	33.5	44.7	9.01	34.0	49.5	10.7	34.5
		120	25.2	3.79	31.7	30.1	4.84	32.1	34.9	6.04	32.4	37.4	6.68	32.6	39.8	7.37	32.8	44.7	8.84	33.2	49.5	10.4	33.6
	35	50	25.2	4.85	39.3	30.1	6.25	40.2	34.9	7.83	41.1	37.4	8.69	41.6	39.8	9.59	42.1	44.7	11.5	43.1	49.4	13.6	44.0
		60	25.2	4.77	38.6	30.1	6.13	39.3	34.9	7.68	40.1	37.4	8.53	40.5	39.8	9.41	40.9	44.7	11.3	41.7	49.5	13.4	42.5
		96	25.2	4.54	37.2	30.1	5.84	37.7	34.9	7.30	38.2	37.4	8.10	38.4	39.8	8.94	38.6	44.7	10.8	39.1	49.5	12.7	39.6
		120	25.2	4.46	36.8	30.1	5.73	37.1	34.9	7.16	37.5	37.4	7.94	37.7	39.8	8.77	37.9	44.7	10.5	38.3	49.5	12.5	38.7
	40	50	25.2	5.63	44.4	30.1	7.43	45.4	34.9	9.48	46.4	36.3	9.97	46.6	36.8	10.0	46.7	37.7	10.1	46.9	38.5	10.2	47.0
		60	25.2	5.54	43.7	30.1	7.27	44.5	34.9	9.25	45.3	37.4	10.3	45.7	38.7	10.8	45.9	39.7	10.9	46.0	40.5	11.0	46.1
		96	25.2	4.93	42.3	30.1	6.40	42.7	34.9	8.06	43.2	37.4	8.97	43.5	39.8	9.92	43.7	44.7	12.0	44.2	46.1	12.3	44.4
		120	25.2	4.78	41.8	30.1	6.19	42.2	34.9	7.80	42.6	37.4	8.67	42.8	39.8	9.60	43.0	44.7	11.6	43.4	46.5	12.1	43.5
	45	50	24.2	6.25	49.4	25.2	6.33	49.5	25.9	6.38	49.6	26.1	6.39	49.7	26.3	6.40	49.7	26.6	6.40	49.7	26.6	6.37	49.7
		60	25.2	6.36	48.8	27.2	6.92	49.1	28.0	6.99	49.2	28.4	7.02	49.2	28.7	7.03	49.3	29.1	7.05	49.3	29.3	7.05	49.3
		96	25.2	5.58	47.3	30.1	7.38	47.8	34.3	9.09	48.2	34.8	9.13	48.3	35.3	9.17	48.3	36.1	9.24	48.4	36.8	9.29	48.4
		120	25.2	5.42	46.8	30.1	7.12	47.2	34.9	9.05	47.6	37.4	10.1	47.8	38.6	10.5	47.9	39.6	10.6	48.0	40.4	10.7	48.1
60	10	50	21.6	2.31	13.4	25.8	2.90	14.1	30.0	3.55	14.8	32.0	3.91	15.2	34.1	4.28	15.5	38.3	5.08	16.2	42.5	5.96	16.9
		60	21.6	2.28	12.9	25.8	2.85	13.4	30.0	3.49	14.0	32.0	3.84	14.3	34.1	4.21	14.6	38.3	4.99	15.2	42.5	5.85	15.8
		96	21.6	2.17	11.8	25.8	2.72	12.1	30.0	3.33	12.5	32.0	3.66	12.7	34.1	4.00	12.8	38.3	4.75	13.2	42.5	5.55	13.6
		120	21.6	2.14	11.4	25.8	2.67	11.7	30.0	3.27	12.0	32.0	3.59	12.1	34.1	3.93	12.3	38.3	4.66	12.6	42.5	5.45	12.9
	15	50	21.6	2.39	18.4	25.8	3.00	19.1	30.0	3.68	19.8	32.0	4.05	20.2	34.1	4.43	20.5	38.3	5.26	21.2	42.5	6.17	22.0
		60	21.6	2.35	17.9	25.8	2.95	18.4	30.0	3.61	19.0	32.0	3.97	19.3	34.1	4.35	19.6	38.3	5.16	20.2	42.5	6.05	20.8
		96	21.6	2.25	16.8	25.8	2.81	17.1	30.0	3.44	17.5	32.0	3.78	17.7	34.1	4.14	17.9	38.3	4.91	18.2	42.5	5.75	18.6
		120	21.6	2.21	16.4	25.8	2.76	16.7	30.0	3.38	17.0	32.0	3.71	17.1	34.1	4.06	17.3	38.3	4.82	17.6	42.5	5.64	17.9
	20	50	21.6	2.48	23.5	25.8	3.11	24.1	30.0	3.82	24.8	32.0	4.20	25.2	34.1	4.60	25.6	38.3	5.47	26.3	42.5	6.41	27.0
		60	21.6	2.44	22.9	25.8	3.06	23.4	30.0	3.75	24.0	32.0	4.12	24.3	34.1	4.52	24.6	38.3	5.36	25.2	42.5	6.29	25.8
		96	21.6	2.33	21.8	25.8	2.91	22.1	30.0	3.57	22.5	32.0	3.93	22.7	34.1	4.30	22.9	38.3	5.10	23.2	42.5	5.97	23.6
		120	21.6	2.29	21.4	25.8	2.86	21.7	30.0	3.51	22.0	32.0	3.85	22.1	34.1	4.22	22.3	38.3	5.00	22.6	42.5	5.86	22.9
	25	50	21.6	2.88	28.5	25.8	3.63	29.2	30.0	4.47	29.9	32.0	4.92	30.3	34.1	5.40	30.7	38.3	6.42	31.4	42.5	7.54	32.2
		60	21.6	2.84	27.9	25.8	3.57	28.5	30.0	4.39	29.1	32.0	4.83	29.4	34.1	5.30	29.7	38.3	6.30	30.3	42.5	7.40	31.0
		96	21.6	2.71	26.8	25.8	3.40	27.2	30.0	4.18	27.5	32.0	4.60	27.7	34.1	5.04	27.9	38.3	5.99	28.3	42.5	7.03	28.7
		120	21.6	2.66	26.5	25.8	3.34	26.7	30.0	4.10	27.0	32.0	4.51	27.2	34.1	4.95	27.3	38.3	5.88	27.6	42.5	6.90	27.9
	30	50	21.6	3.36	33.6	25.8	4.25	34.3	30.0	5.25	35.0	32.0	5.79	35.4	34.1	6.36	35.8	38.3	7.58	36.6	42.5	8.92	37.4
		60	21.6	3.30	33.0	25.8	4.17	33.6	30.0	5.15	34.2	32.0	5.68	34.5	34.1	6.24	34.8	38.3	7.44	35.5	42.5	8.75	36.1
		96	21.6	3.15	31.8	25.8	3.98	32.2	30.0	4.90	32.6	32.0	5.41	32.8	34.1	5.94	33.0	38.3	7.07	33.4	42.5	8.31	33.8
		120	21.6	3.10	31.5	25.8	3.90	31.8	30.0	4.81	32.1	32.0	5.31	32.2	34.1	5.82	32.4	38.3	6.94	32.7	42.5	8.15	33.0
	35	50	21.6	3.94	38.7	25.8	5.00	39.4	30.0	6.21	40.2	32.0	6.86	40.6	34.1	7.55	41.0	38.3	9.02	41.8	42.5	10.6	42.6
		60	21.6	3.87	38.0	25.8	4.92	38.7	30.0	6.09	39.3	32.0	6.73	39.6	34.1	7.41	40.0	38.3	8.85	40.6	42.5	10.4	41.3
		96	21.6	3.69	36.9	25.8	4.68	37.3	30.0	5.80	37.7	32.0	6.40	37.9	34.1	7.04	38.1	38.3	8.41	38.5	42.5	9.91	38.9
		120	21.6	3.63	36.5	25.8	4.60	36.8	30.0	5.69	37.1	32.0	6.28	37.3	34.1	6.91	37.5	38.3	8.25	37.8	42.5	9.71	38.1
	40	50	21.6	4.47	43.7	25.8	5.83	44.5	30.0	7.37	45.4	32.0	8.22	45.8	34.1	9.11	46.2	36.5	9.99	46.7	37.3	10.1	46.8
		60	21.6	4.42	43.1	25.8	5.73	43.8	30.0	7.22	44.4	32.0	8.04	44.8	34.1	8.90	45.1	38.3	10.8	45.9	39.2	10.9	46.0
		96	21.6	3.98	41.9	25.8	5.09	42.3	30.0	6.35	42.7	32.0	7.04	42.9	34.1	7.76	43.1	38.3	9.32	43.6	42.5	11.0	44.0
		120	21.6	3.86	41.5	25.8	4.93	41.8	30.0	6.15	42.2	32.0	6.81	42.3	34.1	7.51	42.5	38.3	9.01	42.8	42.5	10.7	43.2
	45	50	21.6	5.26	48.9	24.4	6.26	49.4	25.1	6.33	49.5	25.5	6.35	49.6	25.8	6.37	49.6	26.2	6.40	49.7	26.5	6.41	49.7
		60	21.6	4.95	48.2	25.8	6.59	48.9	27.2	6.92	49.1	27.5	6.95	49.1	27.9	6.98	49.2	28.5	7.02	49.2	28.9	7.05	49.3
		96	21.6	4.41	46.9	25.8	5.78	47.4	30.0	7.33	47.8	32.0	8.18	48.0	34.1	9.07	48.2	35.0	9.15	48.3	35.8	9.21	48.4
		120	21.6	4.32	46.5	25.8	5.60	46.9	30.0	7.07	47.2	32.0	7.87	47.4	34.1	8.71	47.6	38.2	10.5	47.9	39.1	10.6	48.0

3 Capacity tables

3 - 1 Cooling capacity tables

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																							
			14,0			16,0			18,0			19,0			20,0			22,0			24,0					
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.			
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C			
50	10	50	18.0	1.87	12.9	21.5	2.30	13.4	25.0	2.78	14.0	26.7	3.04	14.3	28.4	3.31	14.5	31.9	3.89	15.1	35.4	4.52	15.7			
		60	18.0	1.84	12.4	21.5	2.26	12.8	25.0	2.73	13.3	26.7	2.98	13.5	28.4	3.25	13.8	31.9	3.82	14.3	35.4	4.43	14.8			
		96	18.0	1.76	11.5	21.5	2.16	11.8	25.0	2.60	12.1	26.7	2.84	12.2	28.4	3.10	12.4	31.9	3.63	12.7	35.4	4.22	13.0			
		120	18.0	1.73	11.2	21.5	2.12	11.4	25.0	2.56	11.6	26.7	2.79	11.8	28.4	3.04	11.9	31.9	3.57	12.1	35.4	4.14	12.4			
	15	50	18.0	1.93	17.9	21.5	2.37	18.4	25.0	2.87	19.0	26.7	3.14	19.3	28.4	3.42	19.6	31.9	4.02	20.1	35.4	4.67	20.7			
		60	18.0	1.90	17.4	21.5	2.33	17.8	25.0	2.82	18.3	26.7	3.08	18.6	28.4	3.36	18.8	31.9	3.95	19.3	35.4	4.59	19.8			
		96	18.0	1.82	16.5	21.5	2.23	16.8	25.0	2.69	17.1	26.7	2.94	17.2	28.4	3.20	17.4	31.9	3.76	17.7	35.4	4.37	18.0			
		120	18.0	1.79	16.2	21.5	2.19	16.4	25.0	2.64	16.6	26.7	2.89	16.8	28.4	3.14	16.9	31.9	3.69	17.1	35.4	4.28	17.4			
	20	50	18.0	2.00	22.9	21.5	2.46	23.4	25.0	2.98	24.0	26.7	3.26	24.3	28.4	3.55	24.6	31.9	4.18	25.2	35.4	4.85	25.8			
		60	18.0	1.97	22.4	21.5	2.42	22.9	25.0	2.93	23.3	26.7	3.20	23.6	28.4	3.49	23.8	31.9	4.10	24.3	35.4	4.77	24.8			
		96	18.0	1.88	21.5	21.5	2.31	21.8	25.0	2.79	22.1	26.7	3.05	22.2	28.4	3.32	22.4	31.9	3.90	22.7	35.4	4.53	23.0			
		120	18.0	1.85	21.2	21.5	2.27	21.4	25.0	2.74	21.7	26.7	3.00	21.8	28.4	3.26	21.9	31.9	3.83	22.1	35.4	4.45	22.4			
	25	50	18.0	2.32	27.9	21.5	2.86	28.5	25.0	3.47	29.1	26.7	3.80	29.4	28.4	4.15	29.7	31.9	4.89	30.3	35.4	5.70	30.9			
		60	18.0	2.28	27.4	21.5	2.81	27.9	25.0	3.41	28.4	26.7	3.74	28.6	28.4	4.08	28.9	31.9	4.80	29.4	35.4	5.59	29.9			
		96	18.0	2.18	26.5	21.5	2.69	26.8	25.0	3.26	27.1	26.7	3.56	27.3	28.4	3.88	27.4	31.9	4.57	27.7	35.4	5.32	28.0			
		120	18.0	2.14	26.2	21.5	2.64	26.4	25.0	3.20	26.7	26.7	3.50	26.8	28.4	3.81	26.9	31.9	4.49	27.2	35.4	5.22	27.4			
	30	50	18.0	2.69	33.0	21.5	3.33	33.6	25.0	4.06	34.2	26.7	4.46	34.5	28.4	4.87	34.8	31.9	5.75	35.4	35.4	6.71	36.0			
		60	18.0	2.64	32.5	21.5	3.28	33.0	25.0	3.99	33.5	26.7	4.38	33.7	28.4	4.78	34.0	31.9	5.65	34.5	35.4	6.59	35.0			
		96	18.0	2.52	31.5	21.5	3.13	31.8	25.0	3.81	32.1	26.7	4.17	32.3	28.4	4.55	32.5	31.9	5.37	32.8	35.4	6.27	33.1			
		120	18.0	2.48	31.2	21.5	3.07	31.5	25.0	3.74	31.7	26.7	4.09	31.8	28.4	4.47	32.0	31.9	5.27	32.2	35.4	6.15	32.5			
	35	50	18.0	3.13	38.0	21.5	3.91	38.6	25.0	4.78	39.3	26.7	5.25	39.6	28.4	5.75	39.9	31.9	6.82	40.6	35.4	7.98	41.2			
		60	18.0	3.08	37.5	21.5	3.84	38.0	25.0	4.70	38.5	26.7	5.16	38.8	28.4	5.65	39.1	31.9	6.69	39.6	35.4	7.83	40.2			
		96	18.0	2.94	36.6	21.5	3.66	36.9	25.0	4.48	37.2	26.7	4.92	37.4	28.4	5.38	37.5	31.9	6.36	37.9	35.4	7.44	38.2			
		120	18.0	2.89	36.2	21.5	3.60	36.5	25.0	4.39	36.8	26.7	4.82	36.9	28.4	5.28	37.0	31.9	6.24	37.3	35.4	7.30	37.5			
	40	50	18.0	3.45	43.1	21.5	4.43	43.7	25.0	5.54	44.4	26.7	6.15	44.7	28.4	6.79	45.0	31.9	8.16	45.7	35.4	9.67	46.5			
		60	18.0	3.42	42.6	21.5	4.38	43.1	25.0	5.45	43.6	26.7	6.04	43.9	28.4	6.66	44.2	31.9	7.98	44.8	35.4	9.44	45.4			
		96	18.0	3.13	41.6	21.5	3.94	41.9	25.0	4.86	42.2	26.7	5.36	42.4	28.4	5.88	42.6	31.9	7.00	42.9	35.4	8.22	43.3			
		120	18.0	3.04	41.3	21.5	3.83	41.5	25.0	4.71	41.8	26.7	5.19	41.9	28.4	5.69	42.0	31.9	6.77	42.3	35.4	7.95	42.6			
	45	50	18.0	3.93	48.1	21.5	5.21	48.8	24.2	6.25	49.4	24.5	6.28	49.4	24.9	6.30	49.5	25.5	6.35	49.6	25.9	6.38	49.6			
		60	18.0	3.73	47.6	21.5	4.90	48.2	25.0	6.25	48.7	26.5	6.86	49.0	26.9	6.90	49.0	27.5	6.95	49.1	28.1	7.00	49.2			
		96	18.0	3.39	46.6	21.5	4.37	46.9	25.0	5.49	47.3	26.7	6.10	47.4	28.4	6.74	47.6	31.9	8.12	48.0	34.4	9.10	48.2			
		120	18.0	3.35	46.3	21.5	4.28	46.5	25.0	5.34	46.8	26.7	5.91	46.9	28.4	6.51	47.1	31.9	7.81	47.4	35.4	9.24	47.7			

3 Capacity tables

3 - 1 Cooling capacity tables

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
130	10	50	70.3	10.4	17.7	83.8	13.9	19.3	91.6	14.7	20.2	92.9	14.8	20.3	94.2	14.8	20.4	96.3	14.9	20.6	97.9	15.0	20.8
		60	70.3	10.2	16.4	83.8	13.6	17.8	92.0	14.5	18.5	93.4	14.6	18.6	94.6	14.7	18.7	96.7	14.8	18.9	98.4	14.8	19.0
		96	70.3	9.72	14.0	83.8	12.9	14.8	93.2	14.1	15.3	94.5	14.2	15.4	95.8	14.3	15.5	98.0	14.4	15.6	99.7	14.4	15.7
		120	70.3	9.53	13.2	83.8	12.7	13.8	93.6	14.0	14.3	95.0	14.1	14.3	96.2	14.1	14.4	98.5	14.2	14.5	100	14.3	14.6
	15	50	70.3	10.8	22.7	83.8	14.4	24.4	90.0	15.1	25.0	91.3	15.2	25.2	92.4	15.2	25.3	94.5	15.3	25.5	96.0	15.4	25.6
		60	70.3	10.6	21.4	83.8	14.1	22.8	90.4	15.0	23.4	91.7	15.0	23.5	92.9	15.1	23.6	94.9	15.2	23.8	96.5	15.2	23.9
		96	70.3	10.1	19.0	83.8	13.4	19.8	91.5	14.6	20.3	92.8	14.6	20.3	94.1	14.7	20.4	96.2	14.8	20.5	97.8	14.8	20.6
		120	70.3	9.87	18.2	83.8	13.1	18.9	91.9	14.4	19.2	93.3	14.5	19.3	94.5	14.5	19.3	96.6	14.6	19.4	98.3	14.7	19.5
	20	50	70.3	11.2	27.8	83.8	15.0	29.4	87.8	15.6	29.9	89.1	15.6	30.0	90.2	15.7	30.1	92.1	15.8	30.3	93.5	15.8	30.4
		60	70.3	11.0	26.5	83.8	14.7	27.8	88.3	15.4	28.3	89.5	15.5	28.4	90.7	15.5	28.5	92.6	15.6	28.6	94.0	15.7	28.7
		96	70.3	10.5	24.0	83.8	13.9	24.9	89.4	15.0	25.2	90.6	15.0	25.3	91.8	15.1	25.3	93.8	15.2	25.4	95.3	15.3	25.5
		120	70.3	10.3	23.2	83.8	13.6	23.9	89.8	14.8	24.2	91.1	14.9	24.2	92.3	14.9	24.3	94.3	15.0	24.4	95.8	15.1	24.4
	25	50	70.3	13.2	33.0	82.5	17.1	34.5	85.3	17.3	34.8	86.4	17.4	34.9	87.5	17.4	35.0	89.2	17.5	35.2	90.4	17.6	35.3
		60	70.3	13.0	31.6	82.9	16.9	32.9	85.7	17.1	33.2	86.8	17.2	33.3	87.9	17.3	33.4	89.7	17.4	33.5	90.9	17.4	33.6
		96	70.3	12.3	29.1	83.8	16.4	30.0	86.7	16.7	30.1	87.9	16.7	30.2	89.0	16.8	30.3	90.9	16.9	30.4	92.2	16.9	30.4
		120	70.3	12.1	28.3	83.8	16.1	29.0	87.1	16.5	29.1	88.4	16.6	29.2	89.5	16.6	29.2	91.3	16.7	29.3	92.7	16.8	29.4
	30	50	70.3	15.7	38.2	79.6	18.8	39.4	82.1	19.0	39.7	83.2	19.1	39.8	84.2	19.2	39.9	85.7	19.3	40.0	86.7	19.3	40.1
		60	70.3	15.4	36.8	79.9	18.7	37.9	82.5	18.9	38.1	83.6	18.9	38.2	84.6	19.0	38.2	86.1	19.1	38.4	87.2	19.1	38.5
		96	70.3	14.6	34.2	80.9	18.2	34.9	83.6	18.3	35.1	84.7	18.4	35.1	85.7	18.5	35.2	87.3	18.6	35.3	88.4	18.6	35.3
		120	70.3	14.3	33.4	81.3	18.0	34.0	84.0	18.1	34.1	85.1	18.2	34.1	86.1	18.3	34.2	87.8	18.4	34.2	88.9	18.4	34.3
	35	50	70.3	18.7	43.5	76.1	20.6	44.2	78.5	20.8	44.5	79.5	20.9	44.6	80.3	20.9	44.7	81.5	21.0	44.8	82.2	21.0	44.9
		60	70.3	18.4	42.1	76.5	20.4	42.7	78.9	20.6	42.9	79.8	20.7	43.0	80.7	20.7	43.1	82.0	20.8	43.2	82.7	20.8	43.2
		96	70.3	17.4	39.4	77.4	19.8	39.8	79.9	20.0	40.0	80.9	20.1	40.0	81.8	20.2	40.1	83.1	20.3	40.1	83.9	20.3	40.2
		120	70.3	17.1	38.5	77.8	19.6	38.9	80.2	19.8	39.0	81.3	19.9	39.0	82.2	20.0	39.1	83.6	20.0	39.1	84.4	20.1	39.2
	40	50	57.1	15.2	46.9	58.8	15.3	47.1	59.8	15.3	47.2	60.0	15.3	47.2	60.0	15.3	47.2	59.5	15.1	47.1	58.1	14.9	47.0
		60	60.1	16.4	46.1	62.1	16.6	46.3	63.4	16.6	46.4	63.8	16.6	46.4	64.0	16.6	46.4	63.8	16.5	46.4	62.9	16.3	46.3
		96	68.3	18.4	44.3	70.9	18.6	44.5	73.0	18.7	44.6	73.7	18.8	44.6	74.4	18.8	44.6	75.2	18.8	44.7	75.3	18.8	44.7
		120	68.9	18.1	43.5	71.5	18.3	43.6	73.6	18.4	43.7	74.4	18.5	43.7	75.1	18.5	43.7	75.9	18.5	43.8	76.2	18.5	43.8
	45	50	40.0	9.59	49.7	39.5	9.45	49.7	37.9	9.18	49.5	36.7	8.99	49.4	35.1	8.77	49.2	31.2	8.24	48.8	26.2	7.56	48.2
		60	43.9	10.6	49.3	44.0	10.5	49.3	43.1	10.3	49.3	42.3	10.2	49.2	41.2	10.0	49.1	38.2	9.59	48.8	34.2	9.04	48.4
		96	54.7	13.9	48.4	56.2	14.0	48.5	56.9	14.0	48.5	56.9	13.9	48.5	56.8	13.9	48.5	55.8	13.7	48.5	54.1	13.4	48.4
		120	59.9	16.0	48.0	61.9	16.1	48.1	63.2	16.2	48.2	63.6	16.2	48.2	63.8	16.2	48.2	63.6	16.1	48.2	62.7	15.9	48.1
120	10	50	64.9	9.20	17.1	77.4	12.2	18.6	89.9	14.6	20.0	91.3	14.7	20.1	92.6	14.7	20.3	94.8	14.8	20.5	96.7	14.9	20.7
		60	64.9	9.02	15.9	77.4	11.9	17.1	89.9	14.4	18.3	91.8	14.5	18.5	93.0	14.6	18.6	95.3	14.7	18.8	97.1	14.8	18.9
		96	64.9	8.57	13.7	77.4	11.3	14.4	89.9	14.0	15.2	92.9	14.1	15.3	94.2	14.2	15.4	96.5	14.3	15.5	98.4	14.4	15.6
		120	64.9	8.41	12.9	77.4	11.1	13.5	89.9	13.8	14.1	93.3	14.0	14.3	94.6	14.0	14.3	96.9	14.1	14.4	98.9	14.2	14.5
	15	50	64.9	9.52	22.1	77.4	12.6	23.6	88.4	15.0	24.9	89.7	15.1	25.0	90.9	15.2	25.1	93.1	15.3	25.4	94.8	15.4	25.5
		60	64.9	9.34	20.9	77.4	12.4	22.1	88.8	14.9	23.3	90.1	15.0	23.4	91.4	15.0	23.5	93.5	15.1	23.7	95.3	15.2	23.8
		96	64.9	8.88	18.7	77.4	11.7	19.4	89.9	14.5	20.2	91.2	14.5	20.3	92.5	14.6	20.3	94.7	14.7	20.4	96.6	14.8	20.5
		120	64.9	8.71	17.9	77.4	11.5	18.5	89.9	14.3	19.1	91.7	14.4	19.2	92.9	14.5	19.3	95.2	14.6	19.4	97.0	14.6	19.4
	20	50	64.9	9.89	27.1	77.4	13.1	28.6	86.3	15.5	29.7	87.6	15.5	29.9	88.8	15.6	30.0	90.8	15.7	30.2	92.5	15.8	30.3
		60	64.9	9.71	25.9	77.4	12.9	27.2	86.7	15.3	28.1	88.0	15.4	28.2	89.2	15.4	28.3	91.3	15.6	28.5	92.9	15.6	28.6
		96	64.9	9.22	23.7	77.4	12.2	24.5	87.8	14.9	25.1	89.1	15.0	25.2	90.3	15.0	25.2	92.4	15.1	25.4	94.2	15.2	25.4
		120	64.9	9.04	22.9	77.4	12.0	23.6	88.2	14.7	24.1	89.5	14.8	24.2	90.7	14.9	24.2	92.9	15.0	24.3	94.6	15.1	24.4
	25	50	64.9	11.6	32.3	77.4	15.5	33.9	83.8	17.2	34.7	85.0	17.3	34.8	86.1	17.3	34.9	88.0	17.5	35.1	89.5	17.5	35.2
		60	64.9	11.4	31.1	77.4	15.2	32.4	84.2	17.0	33.1	85.4	17.1	33.2	86.5	17.2	33.3	88.5	17.3	33.4	90.0	17.4	33.5
		96	64.9	10.9	28.8	77.4	14.4	29.6	85.2	16.6	30.1	86.5	16.6	30.1	87.6	16.7	30.2	89.6	16.8	30.3	91.2	16.9	30.4
		120	64.9	10.6	28.0	77.4	14.1	28.6	85.6	16.4	29.1	86.9	16.5	29.1	88.1	16.5	29.2	90.1	16.6	29.2	91.7	16.7	29.3
	30	50	64.9	13.8	37.5	77.4	18.4	39.1	80.8	18.9	39.5	81.9	19.0	39.6	83.0	19.1	39.8	84.7	19.2	39.9	86.0	19.3	40.1
		60	64.9	13.5	36.2	77.4	18.0	37.6	81.2	18.8	38.0	82.3	18.8	38.1	83.4	18.9	38.1	85.1	19.0	38.3	86.4	19.1	38.4
		96	64.9	12.8	33.9	77.4	17.1	34.7	82.2	18.2	35.0	83.4	18.3	35.1	84.4	18.4	35.1	86.2	18.5	35.2	87.6	18.6	35.3
		120	64.9	12.6	33.1	77.4	16.7	33.7	82.5	18.1	34.0	83.7	18.1	34.1	84.8	18.2	34.1	86.7	18.3	34.2	88.1	18.4	34.2
	35	50	64.9	16.4	42.8	74.8	20.5	44.1	77.2	20.7	44.4	78.3	20.8	44.5	79.2	20.9	44.6	80.7	21.0	44.7	81.7	21.0	44.8
		60	64.9	16.1	41.4	75.1	20.3	42.6	77.6	20.5	42.8	78.7	20.6	42.9	79.6	20.7	43.0	81.1	20.8	43.1	82.2	20.8	43.2
		96	64.9	15.3	39.0	76.1	19.7	39.8	78.6	19.9	39.9	79.7	20.0	40.0	80.6	20.1	40.0	82.2	20.2	40.1	83.3	20.3	40.2
		120	64.9	15.0	38.2	76.4	19.5	38.8	78.9	19.7	38.9	80.0	19.8	39.0	81.0	19.9	39.0	82.6	20.0	39.1	83.8	20.0	39.1
	40	50	56.2	15.1	46.8	58.1	15.3	47.0	59.4	15.3	47.1	59.8	15.3	47.2	60.0	15.3	47.2	59.9	15.2	47.2	59.2	15.1	47.1
		60	59.1	16.3	46.0	61.2	16.5	46.2	62.8	16.6	46.3	63.3	16.6	46.4	63.7	16.6	46.4	64.0	16.6	46.4	63.7	16.5	46.4
		96	64.9	17.0	44.1	69.8	18.5	44.4	71.9	18.7	44.5	72.8	18.7	44.6	73.6	18.8	44.6	74.7	18.8	44.7	75.3	18.8	44.7
		120	64.9	16.5	43.2	70.4	18.2	43.5	72.5	18.4	43.6	73.5	18.4	43.7	74.2	18.5	43.7	75.4	18.5	43.7	76.0	18.5	43.8
	45	50	39.8	9.61	49.7	39.9	9.53	49.7	38.9	9.35	49.6	38.1	9.21	49.5	37.0	9.05	49.4	34.1	8.63	49.1	30.2	8.10	48.7
		60	43.5	10.6	49.3	44.1	10.6	49.4	43.8	10.4	49.3	43.3	10.3	49.3	42.5	10.2	49.2	40.4	9.90	49.0	37.4	9.48	48.7
		96	53.8	13.8	48.4	55.6	14.0	48.5	56.6	14.0	48.5	56.8	14.0	48.5	56.9	14.0	48.5	56.6	13.8	48.5	55.5	13.6	48.4
		120	58.9	15.9	48.0	61.1	16.1	48.1	62.6	16.2	48.1	63.1	16.2	48.2	63.5	16.2	48.2	63.8	16.1	48.2	63.5	16.0	48.2

3 Capacity tables

3 - 1 Cooling capacity tables

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																						
			14,0			16,0			18,0			19,0			20,0			22,0			24,0				
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.		
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C		
110	10	50	59.5	8.04	16.5	70.9	10.6	17.8	82.4	13.5	19.2	88.1	14.5	19.8	90.8	14.6	20.1	93.2	14.8	20.3	95.1	14.9	20.5		
		60	59.5	7.89	15.4	70.9	10.4	16.5	82.4	13.2	17.6	88.1	14.3	18.2	91.3	14.5	18.4	93.6	14.6	18.6	95.6	14.7	18.8		
		96	59.5	7.50	13.3	70.9	9.86	14.0	82.4	12.6	14.7	88.1	13.9	15.1	92.4	14.1	15.3	94.8	14.2	15.4	96.8	14.3	15.5		
		120	59.5	7.36	12.7	70.9	9.67	13.2	82.4	12.3	13.8	88.1	13.7	14.1	92.8	14.0	14.3	95.2	14.1	14.4	97.3	14.2	14.4		
	15	50	59.5	8.32	21.5	70.9	11.0	22.8	82.4	14.0	24.2	88.0	15.0	24.8	89.2	15.1	25.0	91.5	15.2	25.2	93.4	15.3	25.4		
		60	59.5	8.17	20.4	70.9	10.8	21.5	82.4	13.7	22.7	88.1	14.8	23.2	89.6	14.9	23.3	91.9	15.0	23.5	93.8	15.1	23.7		
		96	59.5	7.76	18.3	70.9	10.2	19.0	82.4	13.0	19.7	88.1	14.4	20.1	90.8	14.5	20.2	93.1	14.6	20.4	95.0	14.7	20.5		
		120	59.5	7.62	17.7	70.9	10.0	18.2	82.4	12.8	18.8	88.1	14.2	19.1	91.2	14.4	19.2	93.5	14.5	19.3	95.5	14.6	19.4		
	20	50	59.5	8.64	26.5	70.9	11.4	27.9	82.4	14.5	29.3	85.9	15.4	29.7	87.1	15.5	29.8	89.3	15.6	30.0	91.1	15.7	30.2		
		60	59.5	8.48	25.4	70.9	11.2	26.5	82.4	14.3	27.7	86.3	15.3	28.1	87.6	15.4	28.2	89.7	15.5	28.4	91.5	15.6	28.5		
		96	59.5	8.07	23.4	70.9	10.6	24.1	82.4	13.5	24.8	87.4	14.9	25.1	88.6	14.9	25.2	90.9	15.1	25.3	92.7	15.2	25.4		
		120	59.5	7.91	22.7	70.9	10.4	23.2	82.4	13.3	23.8	87.8	14.7	24.1	89.0	14.8	24.1	91.3	14.9	24.2	93.2	15.0	24.3		
	25	50	59.5	10.2	31.7	70.9	13.4	33.1	82.2	17.1	34.5	83.4	17.2	34.6	84.6	17.2	34.7	86.6	17.4	34.9	88.3	17.5	35.1		
		60	59.5	9.98	30.5	70.9	13.2	31.7	82.4	16.8	32.9	83.8	17.0	33.0	85.0	17.1	33.1	87.0	17.2	33.3	88.7	17.3	33.4		
		96	59.5	9.48	28.4	70.9	12.5	29.2	82.4	16.0	29.9	84.9	16.5	30.0	86.0	16.6	30.1	88.1	16.7	30.2	89.9	16.8	30.3		
		120	59.5	9.30	27.7	70.9	12.3	28.3	82.4	15.7	28.9	85.2	16.4	29.0	86.4	16.4	29.1	88.6	16.6	29.2	90.3	16.7	29.3		
	30	50	59.5	12.0	36.8	70.9	15.9	38.3	79.3	18.8	39.4	80.4	18.9	39.5	81.5	19.0	39.6	83.4	19.1	39.8	84.9	19.2	40.0		
		60	59.5	11.8	35.7	70.9	15.6	36.9	79.6	18.6	37.8	80.8	18.7	37.9	81.9	18.8	38.0	83.8	18.9	38.2	85.3	19.0	38.3		
		96	59.5	11.2	33.5	70.9	14.8	34.3	80.6	18.1	34.9	81.8	18.2	35.0	82.9	18.3	35.0	84.9	18.4	35.1	86.5	18.5	35.2		
		120	59.5	11.0	32.8	70.9	14.5	33.4	81.0	17.9	33.9	82.2	18.0	34.0	83.3	18.1	34.0	85.3	18.2	34.1	86.9	18.3	34.2		
	35	50	59.5	14.3	42.0	70.9	19.0	43.6	75.8	20.6	44.2	76.9	20.7	44.3	77.9	20.8	44.4	79.6	20.9	44.6	80.9	21.0	44.7		
		60	59.5	14.0	40.9	70.9	18.6	42.1	76.2	20.4	42.7	77.3	20.5	42.8	78.3	20.6	42.9	80.0	20.7	43.0	81.3	20.8	43.1		
		96	59.5	13.3	38.6	70.9	17.7	39.4	77.1	19.8	39.8	78.3	19.9	39.9	79.3	20.0	39.9	81.0	20.1	40.0	82.4	20.2	40.1		
		120	59.5	13.1	37.9	70.9	17.3	38.5	77.5	19.6	38.9	78.6	19.7	38.9	79.7	19.8	39.0	81.4	19.9	39.0	82.8	20.0	39.1		
	40	50	55.1	15.0	46.7	57.2	15.2	46.9	58.7	15.3	47.1	59.2	15.3	47.1	59.6	15.3	47.2	60.0	15.3	47.2	59.9	15.2	47.2		
		60	58.0	16.2	45.9	60.2	16.4	46.1	61.9	16.5	46.2	62.6	16.6	46.3	63.1	16.6	46.4	63.8	16.6	46.4	64.0	16.6	46.4		
		96	59.5	14.8	43.7	68.4	18.4	44.3	70.7	18.6	44.4	71.6	18.6	44.5	72.5	18.7	44.5	73.9	18.8	44.6	74.8	18.8	44.7		
		120	59.5	14.3	42.9	69.0	18.1	43.5	71.3	18.3	43.6	72.3	18.3	43.6	73.1	18.4	43.6	74.5	18.5	43.7	75.5	18.5	43.7		
	45	50	39.5	9.60	49.7	40.0	9.59	49.7	39.6	9.47	49.7	39.1	9.38	49.6	38.4	9.26	49.6	36.4	8.96	49.3	33.6	8.56	49.0		
		60	43.0	10.5	49.3	43.9	10.6	49.3	44.1	10.5	49.3	43.8	10.5	49.3	43.5	10.4	49.3	42.1	10.2	49.2	40.0	9.85	49.0		
		96	52.9	13.8	48.3	54.8	13.9	48.4	56.1	14.0	48.5	56.5	14.0	48.5	56.8	14.0	48.5	56.9	13.9	48.5	56.4	13.8	48.5		
		120	57.8	15.8	47.9	60.0	16.0	48.0	61.8	16.1	48.1	62.4	16.2	48.1	62.9	16.2	48.2	63.6	16.2	48.2	63.8	16.1	48.2		
100	10	50	54.1	6.96	15.8	64.5	9.11	17.0	74.9	11.6	18.3	80.1	12.9	18.9	85.3	14.3	19.5	91.2	14.7	20.1	93.3	14.8	20.3		
		60	54.1	6.84	14.8	64.5	8.94	15.8	74.9	11.3	16.9	80.1	12.6	17.4	85.3	14.0	17.9	91.7	14.5	18.5	93.7	14.6	18.6		
		96	54.1	6.50	13.0	64.5	8.49	13.6	74.9	10.8	14.3	80.1	12.0	14.6	85.3	13.3	14.9	92.8	14.1	15.3	94.9	14.2	15.4		
		120	54.1	6.38	12.4	64.5	8.33	12.9	74.9	10.6	13.4	80.1	11.8	13.7	85.3	13.0	13.9	93.2	14.0	14.3	95.4	14.1	14.4		
	15	50	54.1	7.21	20.9	64.5	9.43	22.1	74.9	12.0	23.3	80.1	13.3	23.9	85.3	14.8	24.6	89.6	15.1	25.0	91.6	15.2	25.2		
		60	54.1	7.07	19.9	64.5	9.25	20.9	74.9	11.7	21.9	80.1	13.1	22.4	85.3	14.5	22.9	90.0	15.0	23.4	92.1	15.1	23.5		
		96	54.1	6.73	18.0	64.5	8.79	18.6	74.9	11.1	19.3	80.1	12.4	19.6	85.3	13.8	19.9	91.2	14.5	20.3	93.2	14.6	20.4		
		120	54.1	6.60	17.4	64.5	8.62	17.9	74.9	10.9	18.4	80.1	12.2	18.7	85.3	13.5	18.9	91.6	14.4	19.2	93.6	14.5	19.3		
	20	50	54.1	7.48	25.9	64.5	9.80	27.1	74.9	12.4	28.3	80.1	13.9	29.0	85.3	15.4	29.6	87.5	15.5	29.8	89.4	15.6	30.0		
		60	54.1	7.35	24.9	64.5	9.61	25.9	74.9	12.2	26.9	80.1	13.6	27.5	85.3	15.1	28.0	87.9	15.4	28.2	89.9	15.5	28.4		
		96	54.1	6.99	23.0	64.5	9.13	23.7	74.9	11.6	24.3	80.1	12.9	24.6	85.3	14.3	25.0	89.0	15.0	25.2	91.0	15.1	25.3		
		120	54.1	6.86	22.4	64.5	8.96	22.9	74.9	11.4	23.4	80.1	12.7	23.7	85.3	14.0	24.0	89.4	14.8	24.2	91.4	14.9	24.2		
	25	50	54.1	8.79	31.0	64.5	11.5	32.3	74.9	14.7	33.6	80.1	16.4	34.2	82.8	17.1	34.6	84.9	17.3	34.8	86.8	17.4	35.0		
		60	54.1	8.63	30.0	64.5	11.3	31.0	74.9	14.4	32.1	80.1	16.1	32.7	83.2	17.0	33.0	85.3	17.1	33.2	87.2	17.2	33.3		
		96	54.1	8.20	28.1	64.5	10.8	28.7	74.9	13.7	29.4	80.1	15.2	29.7	84.2	16.5	30.0	86.4	16.6	30.1	88.3	16.7	30.2		
		120	54.1	8.05	27.5	64.5	10.5	28.0	74.9	13.4	28.5	80.1	14.9	28.8	84.6	16.3	29.0	86.8	16.5	29.1	88.7	16.6	29.2		
	30	50	54.1	10.4	36.2	64.5	13.6	37.5	74.9	17.4	38.8	78.8	18.8	39.3	79.9	18.9	39.4	81.9	19.0	39.6	83.5	19.1	39.8		
		60	54.1	10.2	35.1	64.5	13.4	36.2	74.9	17.1	37.3	79.1	18.6	37.8	80.2	18.7	37.9	82.2	18.8	38.0	83.9	19.0	38.2		
		96	54.1	9.67	33.2	64.5	12.7	33.8	74.9	16.2	34.5	80.1	18.1	34.9	81.2	18.2	34.9	83.3	18.3	35.1	85.0	18.4	35.1		
		120	54.1	9.48	32.5	64.5	12.5	33.1	74.9	15.9	33.6	80.1	17.7	33.9	81.6	18.0	34.0	83.7	18.1	34.1	85.4	18.2	34.1		
	35	50	54.1	12.3	41.3	64.5	16.3	42.7	74.2	20.4	44.0	75.4	20.5	44.2	76.4	20.6	44.3	78.2	20.8	44.5	79.7	20.9	44.6		
		60	54.1	12.1	40.3	64.5	16.0	41.4	74.6	20.2	42.6	75.7	20.3	42.6	76.8	20.4	42.7	78.6	20.6	42.9	80.1	20.7	43.0		
		96	54.1	11.5	38.3	64.5	15.2	39.0	74.9	19.4	39.7	76.6	19.8	39.8	77.7	19.9	39.9	79.6	20.0	40.0	81.2	20.1	40.0		
		120	54.1	11.3	37.6	64.5	14.9	38.2	74.9	19.0	38.7	77.0	19.6	38.8	78.1	19.7	38.9	80.0	19.8	39.0	81.6	19.9	39.0		
	40	50	54.0	14.9	46.6	56.1	15.1	46.8	57.8	15.2	47.0	58.4	15.3	47.0	59.0	15.3	47.1	59.7	15.3	47.2	60.0	15.3	47.2		
		60	54.1	14.6	45.5	59.0	16.3	46.0	60.9	16.5	46.2	61.6	16.5	46.2	62.3	16.6	46.3	63.3	16.6	46.4	63.8	16.6	46.4		
		96	54.1	12.7	43.3	64.5	16.9	44.0	69.3	18.4	44.4	70.3	18.5	44.4	71.2	18.6	44.5	72.7	18.7	44.6	73.9	18.8	44.6		
		120	54.1	12.3	42.6	64.5	16.3	43.2	69.9	18.1	43.5	70.9	18.2	43.5	71.8	18.3	43.6	73.4	18.4	43.7	74.6	18.5	43.7		
	45	50	39.0	9.58	49.6	39.8	9.61	49.7	39.9	9.56	49.7	39.8	9.50	49.7	39.4	9.43	49.7	38.2	9.22	49.5	36.2	8.93	49.3		
		60	42.3	10.5	49.2	43.5	10.6	49.3	44.0	10.6	49.3	44.1	10.5	49.3	44.0	10.5	49.3	43.3	10.4	49.3	42.0	10.1	49.2		
		96	51.8	13.7	48.3	53.8	13.8	48.4	55.3	13.9	48.4	55.8	14.0	48.5	56.3	14.0	48.5	56.8	14.0	48.5	56.9	13.9	48.5		
		120	54.1	14.3	47.7	58.8	15.9	48.0	60.7	16.0	48.1	61.5	16.1	48.1	62.1	16.1	48.1	63.1	16.2	48.2	63.6	16.2	48.2		

3 Capacity tables

3 - 1 Cooling capacity tables

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
90	10	50	48.7	5.97	15.2	58.0	7.75	16.3	67.4	9.77	17.4	72.1	10.9	17.9	76.8	12.0	18.5	86.2	14.4	19.6	91.2	14.7	20.1
		60	48.7	5.86	14.3	58.0	7.60	15.2	67.4	9.58	16.1	72.1	10.7	16.6	76.8	11.8	17.1	86.2	14.2	18.0	91.6	14.5	18.5
		96	48.7	5.58	12.7	58.0	7.23	13.2	67.4	9.10	13.8	72.1	10.1	14.1	76.8	11.2	14.4	86.2	13.5	15.0	92.8	14.1	15.3
		120	48.7	5.48	12.2	58.0	7.09	12.6	67.4	8.93	13.0	72.1	9.93	13.3	76.8	11.0	13.5	86.2	13.3	14.0	93.2	14.0	14.3
	15	50	48.7	6.18	20.2	58.0	8.02	21.3	67.4	10.1	22.4	72.1	11.3	23.0	76.8	12.5	23.5	86.2	14.9	24.7	89.6	15.1	25.0
		60	48.7	6.07	19.4	58.0	7.87	20.2	67.4	9.92	21.2	72.1	11.0	21.6	76.8	12.2	22.1	86.2	14.7	23.0	90.0	14.9	23.4
		96	48.7	5.77	17.7	58.0	7.48	18.3	67.4	9.42	18.8	72.1	10.5	19.1	76.8	11.6	19.4	86.2	14.0	20.0	91.1	14.5	20.3
		120	48.7	5.67	17.2	58.0	7.34	17.6	67.4	9.24	18.1	72.1	10.3	18.3	76.8	11.4	18.5	86.2	13.7	19.0	91.5	14.4	19.2
	20	50	48.7	6.41	25.3	58.0	8.33	26.3	67.4	10.5	27.4	72.1	11.7	28.0	76.8	12.9	28.6	85.5	15.4	29.6	87.5	15.5	29.8
		60	48.7	6.30	24.4	58.0	8.17	25.3	67.4	10.3	26.2	72.1	11.5	26.7	76.8	12.7	27.1	85.9	15.3	28.1	87.9	15.4	28.2
		96	48.7	5.99	22.7	58.0	7.77	23.3	67.4	9.79	23.8	72.1	10.9	24.1	76.8	12.1	24.4	86.2	14.6	25.0	89.0	15.0	25.2
		120	48.7	5.88	22.2	58.0	7.62	22.6	67.4	9.60	23.1	72.1	10.7	23.3	76.8	11.8	23.5	86.2	14.3	24.0	89.4	14.8	24.1
	25	50	48.7	7.52	30.4	58.0	9.79	31.5	67.4	12.4	32.6	72.1	13.8	33.2	76.8	15.3	33.8	83.0	17.1	34.6	84.9	17.3	34.8
		60	48.7	7.38	29.5	58.0	9.61	30.4	67.4	12.1	31.3	72.1	13.5	31.8	76.8	15.0	32.3	83.4	17.0	33.0	85.3	17.1	33.2
		96	48.7	7.02	27.8	58.0	9.13	28.3	67.4	11.5	28.9	72.1	12.8	29.2	76.8	14.2	29.5	84.4	16.5	30.0	86.4	16.6	30.1
		120	48.7	6.89	27.2	58.0	8.96	27.7	67.4	11.3	28.1	72.1	12.6	28.4	76.8	13.9	28.6	84.8	16.3	29.0	86.8	16.5	29.1
	30	50	48.7	8.84	35.5	58.0	11.6	36.6	67.4	14.6	37.8	72.1	16.3	38.4	76.8	18.1	39.1	80.0	18.9	39.5	81.8	19.0	39.6
		60	48.7	8.68	34.6	58.0	11.3	35.5	67.4	14.4	36.5	72.1	16.0	37.0	76.8	17.8	37.5	80.4	18.7	37.9	82.2	18.8	38.0
		96	48.7	8.26	32.8	58.0	10.8	33.4	67.4	13.6	34.0	72.1	15.2	34.3	76.8	16.9	34.7	81.4	18.2	35.0	83.2	18.3	35.1
		120	48.7	8.10	32.3	58.0	10.6	32.7	67.4	13.4	33.2	72.1	14.9	33.5	76.8	16.5	33.7	81.8	18.0	34.0	83.6	18.1	34.1
	35	50	48.7	10.5	40.7	58.0	13.8	41.9	67.4	17.5	43.1	72.1	19.5	43.8	74.7	20.5	44.1	76.6	20.6	44.3	78.2	20.8	44.5
		60	48.7	10.3	39.7	58.0	13.5	40.7	67.4	17.2	41.7	72.1	19.2	42.3	75.0	20.3	42.6	76.9	20.4	42.8	78.6	20.6	42.9
		96	48.7	9.78	37.9	58.0	12.8	38.5	67.4	16.3	39.2	72.1	18.2	39.5	75.9	19.7	39.8	77.9	19.9	39.9	79.6	20.0	40.0
		120	48.7	9.60	37.3	58.0	12.6	37.8	67.4	16.0	38.3	72.1	17.8	38.6	76.3	19.5	38.8	78.2	19.7	38.9	79.9	19.8	39.0
	40	50	48.7	12.6	45.9	54.8	15.0	46.7	56.6	15.1	46.9	57.4	15.2	46.9	58.0	15.3	47.0	59.1	15.3	47.1	59.7	15.3	47.2
		60	48.7	12.3	44.9	57.6	16.2	45.9	59.6	16.4	46.0	60.4	16.4	46.1	61.1	16.5	46.2	62.4	16.6	46.3	63.3	16.6	46.4
		96	48.7	10.8	43.0	58.0	14.2	43.6	67.4	18.2	44.3	68.7	18.4	44.3	69.6	18.5	44.4	71.3	18.6	44.5	72.7	18.7	44.6
		120	48.7	10.4	42.4	58.0	13.7	42.9	67.4	17.6	43.4	69.3	18.1	43.5	70.2	18.2	43.5	71.9	18.3	43.6	73.4	18.4	43.7
	45	50	38.3	9.53	49.6	39.4	9.60	49.7	39.9	9.60	49.7	40.0	9.58	49.7	39.9	9.54	49.7	39.3	9.41	49.7	38.2	9.22	49.5
		60	41.4	10.4	49.1	42.8	10.5	49.2	43.7	10.6	49.3	43.9	10.6	49.3	44.1	10.6	49.4	43.9	10.5	49.3	43.3	10.4	49.3
		96	48.7	12.5	48.0	52.6	13.7	48.3	54.2	13.9	48.4	54.9	13.9	48.4	55.5	14.0	48.5	56.4	14.0	48.5	56.8	14.0	48.5
		120	48.7	12.0	47.4	57.5	15.8	47.9	59.4	15.9	48.0	60.2	16.0	48.0	61.0	16.1	48.1	62.2	16.1	48.1	63.1	16.2	48.2
80	10	50	43.2	5.06	14.6	51.6	6.50	15.5	59.9	8.13	16.5	64.1	9.02	17.0	68.2	9.96	17.5	76.6	12.0	18.5	84.9	14.2	19.5
		60	43.2	4.97	13.8	51.6	6.38	14.6	59.9	7.98	15.4	64.1	8.85	15.8	68.2	9.77	16.2	76.6	11.8	17.0	84.9	13.9	17.9
		96	43.2	4.73	12.4	51.6	6.07	12.9	59.9	7.59	13.4	64.1	8.41	13.6	68.2	9.28	13.9	76.6	11.2	14.4	84.9	13.2	14.9
		120	43.2	4.65	11.9	51.6	5.96	12.3	59.9	7.44	12.7	64.1	8.25	12.9	68.2	9.10	13.1	76.6	10.9	13.5	84.9	12.9	13.9
	15	50	43.2	5.23	19.6	51.6	6.72	20.6	59.9	8.42	21.5	64.1	9.34	22.0	68.2	10.3	22.5	76.6	12.4	23.5	84.9	14.7	24.5
		60	43.2	5.14	18.9	51.6	6.60	19.6	59.9	8.26	20.4	64.1	9.16	20.8	68.2	10.1	21.2	76.6	12.2	22.1	84.9	14.4	22.9
		96	43.2	4.90	17.4	51.6	6.28	17.9	59.9	7.85	18.4	64.1	8.71	18.6	68.2	9.61	18.9	76.6	11.5	19.4	84.9	13.7	19.9
		120	43.2	4.81	16.9	51.6	6.17	17.3	59.9	7.70	17.7	64.1	8.54	17.9	68.2	9.42	18.1	76.6	11.3	18.5	84.9	13.4	18.9
	20	50	43.2	5.43	24.7	51.6	6.98	25.6	59.9	8.74	26.6	64.1	9.70	27.1	68.2	10.7	27.5	76.6	12.9	28.5	84.9	15.3	29.6
		60	43.2	5.33	23.9	51.6	6.86	24.7	59.9	8.58	25.5	64.1	9.52	25.9	68.2	10.5	26.3	76.6	12.6	27.1	84.9	15.0	28.0
		96	43.2	5.08	22.4	51.6	6.52	22.9	59.9	8.16	23.4	64.1	9.05	23.6	68.2	9.99	23.9	76.6	12.0	24.4	84.9	14.2	24.9
		120	43.2	4.99	21.9	51.6	6.40	22.3	59.9	8.00	22.7	64.1	8.87	22.9	68.2	9.79	23.1	76.6	11.8	23.5	84.9	13.9	23.9
	25	50	43.2	6.35	29.7	51.6	8.19	30.7	59.9	10.3	31.7	64.1	11.4	32.2	68.2	12.6	32.7	76.6	15.2	33.8	82.8	17.1	34.5
		60	43.2	6.24	28.9	51.6	8.04	29.7	59.9	10.1	30.6	64.1	11.2	31.0	68.2	12.4	31.4	76.6	14.9	32.3	83.1	17.0	33.0
		96	43.2	5.94	27.4	51.6	7.65	27.9	59.9	9.59	28.5	64.1	10.6	28.7	68.2	11.8	29.0	76.6	14.2	29.5	84.2	16.5	30.0
		120	43.2	5.83	27.0	51.6	7.51	27.4	59.9	9.41	27.8	64.1	10.4	28.0	68.2	11.5	28.2	76.6	13.9	28.6	84.5	16.3	29.0
	30	50	43.2	7.45	34.8	51.6	9.65	35.9	59.9	12.1	36.9	64.1	13.5	37.4	68.2	14.9	37.9	76.6	18.0	39.0	79.8	18.9	39.4
		60	43.2	7.31	34.0	51.6	9.47	34.9	59.9	11.9	35.7	64.1	13.3	36.2	68.2	14.7	36.6	76.6	17.7	37.5	80.2	18.7	37.9
		96	43.2	6.97	32.5	51.6	9.01	33.0	59.9	11.3	33.5	64.1	12.6	33.8	68.2	13.9	34.1	76.6	16.8	34.6	81.2	18.2	34.9
		120	43.2	6.84	32.0	51.6	8.84	32.4	59.9	11.1	32.8	64.1	12.3	33.0	68.2	13.6	33.3	76.6	16.5	33.7	81.5	18.0	34.0
	35	50	43.2	8.80	40.0	51.6	11.5	41.0	59.9	14.5	42.1	64.1	16.1	42.7	68.2	17.9	43.2	74.6	20.5	44.1	76.3	20.6	44.3
		60	43.2	8.64	39.1	51.6	11.2	40.0	59.9	14.2	40.9	64.1	15.8	41.4	68.2	17.5	41.8	75.0	20.3	42.6	76.7	20.4	42.7
		96	43.2	8.23	37.6	51.6	10.7	38.1	59.9	13.5	38.7	64.1	15.0	38.9	68.2	16.6	39.2	75.9	19.7	39.8	77.6	19.9	39.9
		120	43.2	8.07	37.0	51.6	10.5	37.5	59.9	13.2	37.9	64.1	14.7	38.1	68.2	16.3	38.4	76.2	19.5	38.8	78.0	19.7	38.9
	40	50	43.2	10.4	45.1	51.6	13.8	46.3	55.2	15.0	46.7	56.0	15.1	46.8	56.8	15.2	46.9	58.0	15.3	47.0	58.9	15.3	47.1
		60	43.2	10.2	44.3	51.6	13.5	45.2	58.1	16.2	45.9	58.9	16.3	46.0	59.7	16.4	46.1	61.1	16.5	46.2	62.2	16.6	46.3
		96	43.2	9.00	42.6	51.6	11.8	43.2	59.9	15.0	43.7	64.1	16.7	44.0	67.9	18.3	44.3	69.6	18.5	44.4	71.1	18.6	44.5
		120	43.2	8.71	42.1	51.6	11.4	42.5	59.9	14.5	43.0	64.1	16.1	43.2	68.2	17.9	43.4	70.2	18.2	43.5	71.7	18.3	43.6
	45	50	37.4	9.47	49.5	38.7	9.56	49.6	39.5	9.60	49.7	39.8	9.61	49.7	39.9	9.60	49.7	39.9	9.54	49.7	39.4	9.43	49.7
		60	40.4	10.4	49.0	41.9	10.5	49.2	43.0	10.6	49.3	43.4	10.6	49.3	43.7	10.6	49.3	44.1	10.6	49.4	44.0	10.5	49.3
		96	43.2	10.3	47.7	51.3	13.6	48.2	53.0	13.8	48.3	53.7	13.8	48.4	54.4	13.9	48.4	55.5	14.0	48.5	56.3	14.0	48.5
		120	43.2	9.98	47.1	51.6	13.2	47.6	57.9	15.8	47.9	58.8	15.9	48.0	59.6	15.9	48.0	60.9	16.1	48.1	62.1	16.1	48.1

3 Capacity tables

3 - 1 Cooling capacity tables

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																						
			14,0			16,0			18,0			19,0			20,0			22,0			24,0				
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.		
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C		
70	10	50	37.8	4.22	14.0	45.1	5.36	14.8	52.4	6.65	15.6	56.1	7.35	16.1	59.7	8.09	16.5	67.0	9.67	17.3	74.3	11.4	18.2		
		60	37.8	4.15	13.3	45.1	5.27	14.0	52.4	6.53	14.7	56.1	7.22	15.0	59.7	7.94	15.4	67.0	9.49	16.1	74.3	11.2	16.8		
		96	37.8	3.96	12.1	45.1	5.02	12.5	52.4	6.22	12.9	56.1	6.87	13.1	59.7	7.55	13.3	67.0	9.02	13.8	74.3	10.6	14.2		
		120	37.8	3.89	11.7	45.1	4.93	12.0	52.4	6.10	12.3	56.1	6.74	12.5	59.7	7.41	12.7	67.0	8.84	13.0	74.3	10.4	13.4		
	15	50	37.8	4.37	19.0	45.1	5.55	19.8	52.4	6.89	20.7	56.1	7.61	21.1	59.7	8.37	21.5	67.0	10.0	22.4	74.3	11.8	23.2		
		60	37.8	4.29	18.4	45.1	5.45	19.0	52.4	6.76	19.7	56.1	7.47	20.1	59.7	8.22	20.4	67.0	9.83	21.1	74.3	11.6	21.8		
		96	37.8	4.09	17.1	45.1	5.19	17.5	52.4	6.43	17.9	56.1	7.11	18.1	59.7	7.81	18.4	67.0	9.34	18.8	74.3	11.0	19.2		
		120	37.8	4.02	16.7	45.1	5.10	17.0	52.4	6.31	17.3	56.1	6.97	17.5	59.7	7.67	17.7	67.0	9.16	18.0	74.3	10.8	18.4		
	20	50	37.8	4.53	24.0	45.1	5.76	24.9	52.4	7.15	25.7	56.1	7.91	26.1	59.7	8.70	26.5	67.0	10.4	27.4	74.3	12.3	28.3		
		60	37.8	4.45	23.4	45.1	5.66	24.0	52.4	7.02	24.7	56.1	7.76	25.1	59.7	8.54	25.4	67.0	10.2	26.1	74.3	12.0	26.9		
		96	37.8	4.25	22.1	45.1	5.39	22.5	52.4	6.68	22.9	56.1	7.38	23.2	59.7	8.12	23.4	67.0	9.70	23.8	74.3	11.4	24.3		
		120	37.8	4.17	21.7	45.1	5.29	22.0	52.4	6.55	22.3	56.1	7.24	22.5	59.7	7.96	22.7	67.0	9.51	23.0	74.3	11.2	23.4		
	25	50	37.8	5.29	29.1	45.1	6.74	30.0	52.4	8.39	30.8	56.1	9.29	31.2	59.7	10.2	31.7	67.0	12.3	32.6	74.3	14.5	33.5		
		60	37.8	5.19	28.4	45.1	6.62	29.1	52.4	8.24	29.8	56.1	9.12	30.2	59.7	10.0	30.6	67.0	12.0	31.3	74.3	14.2	32.0		
		96	37.8	4.95	27.1	45.1	6.31	27.6	52.4	7.84	28.0	56.1	8.67	28.2	59.7	9.54	28.4	67.0	11.4	28.9	74.3	13.5	29.4		
		120	37.8	4.86	26.7	45.1	6.19	27.0	52.4	7.69	27.4	56.1	8.50	27.6	59.7	9.36	27.8	67.0	11.2	28.1	74.3	13.2	28.5		
	30	50	37.8	6.18	34.2	45.1	7.92	35.1	52.4	9.89	36.0	56.1	11.0	36.4	59.7	12.1	36.9	67.0	14.5	37.8	74.3	17.2	38.7		
		60	37.8	6.07	33.5	45.1	7.78	34.2	52.4	9.70	34.9	56.1	10.8	35.3	59.7	11.9	35.7	67.0	14.2	36.5	74.3	16.8	37.3		
		96	37.8	5.79	32.2	45.1	7.40	32.6	52.4	9.23	33.1	56.1	10.2	33.3	59.7	11.3	33.5	67.0	13.5	34.0	74.3	16.0	34.5		
		120	37.8	5.68	31.7	45.1	7.27	32.1	52.4	9.05	32.4	56.1	10.0	32.6	59.7	11.0	32.8	67.0	13.3	33.2	74.3	15.7	33.6		
	35	50	37.8	7.28	39.3	45.1	9.37	40.2	52.4	11.7	41.1	56.1	13.0	41.6	59.7	14.4	42.1	67.0	17.3	43.1	74.1	20.4	44.0		
		60	37.8	7.15	38.6	45.1	9.20	39.3	52.4	11.5	40.1	56.1	12.8	40.5	59.7	14.1	40.9	67.0	17.0	41.7	74.3	20.1	42.5		
		96	37.8	6.81	37.2	45.1	8.75	37.7	52.4	11.0	38.2	56.1	12.1	38.4	59.7	13.4	38.6	67.0	16.1	39.1	74.3	19.1	39.6		
		120	37.8	6.69	36.8	45.1	8.59	37.1	52.4	10.7	37.5	56.1	11.9	37.7	59.7	13.2	37.9	67.0	15.8	38.3	74.3	18.7	38.7		
	40	50	37.8	8.45	44.4	45.1	11.1	45.4	52.4	14.2	46.4	54.4	15.0	46.6	55.2	15.0	46.7	56.6	15.1	46.9	57.7	15.2	47.0		
		60	37.8	8.31	43.7	45.1	10.9	44.5	52.4	13.9	45.3	56.1	15.5	45.7	58.0	16.2	45.9	59.5	16.4	46.0	60.8	16.5	46.1		
		96	37.8	7.40	42.3	45.1	9.59	42.7	52.4	12.1	43.2	56.1	13.4	43.5	59.7	14.9	43.7	67.0	18.0	44.2	69.1	18.4	44.4		
		120	37.8	7.17	41.8	45.1	9.29	42.2	52.4	11.7	42.6	56.1	13.0	42.8	59.7	14.4	43.0	67.0	17.4	43.4	69.7	18.1	43.5		
	45	50	36.4	9.38	49.4	37.7	9.49	49.5	38.8	9.57	49.6	39.2	9.59	49.7	39.5	9.60	49.7	39.9	9.60	49.7	40.0	9.56	49.7		
		60	37.8	9.53	48.8	40.8	10.4	49.1	42.0	10.5	49.2	42.6	10.5	49.2	43.0	10.6	49.3	43.7	10.6	49.3	44.0	10.6	49.3		
		96	37.8	8.37	47.3	45.1	11.1	47.8	51.4	13.6	48.2	52.2	13.7	48.3	52.9	13.8	48.3	54.2	13.9	48.4	55.2	13.9	48.4		
		120	37.8	8.13	46.8	45.1	10.7	47.2	52.4	13.6	47.6	56.1	15.2	47.8	57.9	15.8	47.9	59.3	15.9	48.0	60.6	16.0	48.1		
60	10	50	32.4	3.47	13.4	38.7	4.35	14.1	44.9	5.33	14.8	48.1	5.86	15.2	51.2	6.42	15.5	57.4	7.63	16.2	63.7	8.93	16.9		
		60	32.4	3.41	12.9	38.7	4.27	13.4	44.9	5.24	14.0	48.1	5.76	14.3	51.2	6.31	14.6	57.4	7.49	15.2	63.7	8.77	15.8		
		96	32.4	3.26	11.8	38.7	4.07	12.1	44.9	4.99	12.5	48.1	5.48	12.7	51.2	6.00	12.8	57.4	7.12	13.2	63.7	8.33	13.6		
		120	32.4	3.20	11.4	38.7	4.00	11.7	44.9	4.90	12.0	48.1	5.38	12.1	51.2	5.89	12.3	57.4	6.98	12.6	63.7	8.17	12.9		
	15	50	32.4	3.59	18.4	38.7	4.50	19.1	44.9	5.52	19.8	48.1	6.07	20.2	51.2	6.65	20.5	57.4	7.89	21.2	63.7	9.25	22.0		
		60	32.4	3.53	17.9	38.7	4.42	18.4	44.9	5.42	19.0	48.1	5.96	19.3	51.2	6.53	19.6	57.4	7.75	20.2	63.7	9.08	20.8		
		96	32.4	3.37	16.8	38.7	4.21	17.1	44.9	5.16	17.5	48.1	5.67	17.7	51.2	6.21	17.9	57.4	7.37	18.2	63.7	8.62	18.6		
		120	32.4	3.31	16.4	38.7	4.14	16.7	44.9	5.07	17.0	48.1	5.57	17.1	51.2	6.10	17.3	57.4	7.23	17.6	63.7	8.46	17.9		
	20	50	32.4	3.72	23.5	38.7	4.66	24.1	44.9	5.73	24.8	48.1	6.30	25.2	51.2	6.90	25.6	57.4	8.20	26.3	63.7	9.61	27.0		
		60	32.4	3.66	22.9	38.7	4.58	23.4	44.9	5.62	24.0	48.1	6.19	24.3	51.2	6.78	24.6	57.4	8.05	25.2	63.7	9.43	25.8		
		96	32.4	3.49	21.8	38.7	4.37	22.1	44.9	5.36	22.5	48.1	5.89	22.7	51.2	6.45	22.9	57.4	7.65	23.2	63.7	8.96	23.6		
		120	32.4	3.43	21.4	38.7	4.29	21.7	44.9	5.26	22.0	48.1	5.78	22.1	51.2	6.33	22.3	57.4	7.51	22.6	63.7	8.79	22.9		
	25	50	32.4	4.33	28.5	38.7	5.44	29.2	44.9	6.70	29.9	48.1	7.38	30.3	51.2	8.10	30.7	57.4	9.64	31.4	63.7	11.3	32.2		
		60	32.4	4.25	27.9	38.7	5.35	28.5	44.9	6.58	29.1	48.1	7.25	29.4	51.2	7.95	29.7	57.4	9.46	30.3	63.7	11.1	31.0		
		96	32.4	4.06	26.8	38.7	5.10	27.2	44.9	6.27	27.5	48.1	6.90	27.7	51.2	7.56	27.9	57.4	8.99	28.3	63.7	10.5	28.7		
		120	32.4	3.99	26.5	38.7	5.01	26.7	44.9	6.15	27.0	48.1	6.77	27.2	51.2	7.42	27.3	57.4	8.82	27.6	63.7	10.3	27.9		
	30	50	32.4	5.04	33.6	38.7	6.37	34.3	44.9	7.87	35.0	48.1	8.68	35.4	51.2	9.54	35.8	57.4	11.4	36.6	63.7	13.4	37.4		
		60	32.4	4.96	33.0	38.7	6.26	33.6	44.9	7.73	34.2	48.1	8.52	34.5	51.2	9.36	34.8	57.4	11.2	35.5	63.7	13.1	36.1		
		96	32.4	4.73	31.8	38.7	5.97	32.2	44.9	7.36	32.6	48.1	8.11	32.8	51.2	8.90	33.0	57.4	10.6	33.4	63.7	12.5	33.8		
		120	32.4	4.65	31.5	38.7	5.86	31.8	44.9	7.22	32.1	48.1	7.96	32.2	51.2	8.74	32.4	57.4	10.4	32.7	63.7	12.2	33.0		
	35	50	32.4	5.91	38.7	38.7	7.51	39.4	44.9	9.31	40.2	48.1	10.3	40.6	51.2	11.3	41.0	57.4	13.5	41.8	63.7	16.0	42.6		
		60	32.4	5.81	38.0	38.7	7.37	38.7	44.9	9.14	39.3	48.1	10.1	39.6	51.2	11.1	40.0	57.4	13.3	40.6	63.7	15.7	41.3		
		96	32.4	5.54	36.9	38.7	7.02	37.3	44.9	8.70	37.7	48.1	9.61	37.9	51.2	10.6	38.1	57.4	12.6	38.5	63.7	14.9	38.9		
		120	32.4	5.44	36.5	38.7	6.90	36.8	44.9	8.53	37.1	48.1	9.42	37.3	51.2	10.4	37.5	57.4	12.4	37.8	63.7	14.6	38.1		
	40	50	32.4	6.70	43.7	38.7	8.74	44.5	44.9	11.1	45.4	48.1	12.3	45.8	51.2	13.7	46.2	54.7	15.0	46.7	56.0	15.1	46.8		
		60	32.4	6.62	43.1	38.7	8.59	43.8	44.9	10.8	44.4	48.1	12.1	44.8	51.2	13.3	45.1	57.4	16.1	45.9	58.8	16.3	46.0		
		96	32.4	5.97	41.9	38.7	7.64	42.3	44.9	9.53	42.7	48.1	10.6	42.9	51.2	11.6	43.1	57.4	14.0	43.6	63.7	16.5	44.0		
		120	32.4	5.79	41.5	38.7	7.40	41.8	44.9	9.23	42.2	48.1	10.2	42.3	51.2	11.3	42.5	57.4	13.5	42.8	63.7	16.0	43.2		
	45	50	32.4	7.89	48.9	36.5	9.39	49.4	37.7	9.49	49.5	38.2	9.53	49.6	38.6	9.56	49.6	39.3	9.60	49.7	39.8	9.61	49.7		
		60	32.4	7.42	48.2	38.7	9.89	48.9	40.7	10.4	49.1	41.3	10.4	49.1	41.9	10.5	49.2	42.7	10.5	49.2	43.4	10.6	49.3		
		96	32.4	6.62	46.9	38.7	8.66	47.4	44.9	11.0	47.8	48.1	12.3	48.0	51.2	13.6	48.2	52.5	13.7	48.3	53.6	13.8	48.4		
		120	32.4	6.48	46.5	38.7	8.41	46.9	44.9	10.6	47.2	48.1	11.8	47.4	51.2	13.1	47.6	57.4	15.7	47.9	58.7	15.9	48.0		

3 Capacity tables

3 - 1 Cooling capacity tables

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
50	10	50	27.0	2.80	12.9	32.2	3.45	13.4	37.4	4.16	14.0	40.1	4.55	14.3	42.7	4.96	14.5	47.9	5.83	15.1	53.1	6.78	15.7
		60	27.0	2.76	12.4	32.2	3.39	12.8	37.4	4.09	13.3	40.1	4.47	13.5	42.7	4.87	13.8	47.9	5.73	14.3	53.1	6.65	14.8
		96	27.0	2.64	11.5	32.2	3.24	11.8	37.4	3.91	12.1	40.1	4.27	12.2	42.7	4.64	12.4	47.9	5.45	12.7	53.1	6.33	13.0
		120	27.0	2.59	11.2	32.2	3.18	11.4	37.4	3.84	11.6	40.1	4.19	11.8	42.7	4.56	11.9	47.9	5.35	12.1	53.1	6.21	12.4
	15	50	27.0	2.89	17.9	32.2	3.56	18.4	37.4	4.31	19.0	40.1	4.71	19.3	42.7	5.13	19.6	47.9	6.03	20.1	53.1	7.01	20.7
		60	27.0	2.85	17.4	32.2	3.50	17.8	37.4	4.23	18.3	40.1	4.63	18.6	42.7	5.04	18.8	47.9	5.92	19.3	53.1	6.88	19.8
		96	27.0	2.72	16.5	32.2	3.35	16.8	37.4	4.04	17.1	40.1	4.41	17.2	42.7	4.80	17.4	47.9	5.64	17.7	53.1	6.55	18.0
		120	27.0	2.68	16.2	32.2	3.29	16.4	37.4	3.97	16.6	40.1	4.33	16.8	42.7	4.72	16.9	47.9	5.54	17.1	53.1	6.43	17.4
	20	50	27.0	3.00	22.9	32.2	3.69	23.4	37.4	4.47	24.0	40.1	4.89	24.3	42.7	5.32	24.6	47.9	6.26	25.2	53.1	7.28	25.8
		60	27.0	2.95	22.4	32.2	3.63	22.9	37.4	4.39	23.3	40.1	4.80	23.6	42.7	5.23	23.8	47.9	6.15	24.3	53.1	7.15	24.8
		96	27.0	2.82	21.5	32.2	3.47	21.8	37.4	4.19	22.1	40.1	4.58	22.2	42.7	4.98	22.4	47.9	5.86	22.7	53.1	6.80	23.0
		120	27.0	2.78	21.2	32.2	3.41	21.4	37.4	4.11	21.7	40.1	4.50	21.8	42.7	4.89	21.9	47.9	5.75	22.1	53.1	6.67	22.4
	25	50	27.0	3.47	27.9	32.2	4.29	28.5	37.4	5.21	29.1	40.1	5.71	29.4	42.7	6.23	29.7	47.9	7.34	30.3	53.1	8.55	30.9
		60	27.0	3.42	27.4	32.2	4.22	27.9	37.4	5.12	28.4	40.1	5.61	28.6	42.7	6.12	28.9	47.9	7.21	29.4	53.1	8.39	29.9
		96	27.0	3.27	26.5	32.2	4.03	26.8	37.4	4.88	27.1	40.1	5.34	27.3	42.7	5.83	27.4	47.9	6.86	27.7	53.1	7.98	28.0
		120	27.0	3.21	26.2	32.2	3.96	26.4	37.4	4.80	26.7	40.1	5.25	26.8	42.7	5.72	26.9	47.9	6.73	27.2	53.1	7.83	27.4
	30	50	27.0	4.03	33.0	32.2	5.00	33.6	37.4	6.09	34.2	40.1	6.68	34.5	42.7	7.30	34.8	47.9	8.63	35.4	53.1	10.1	36.0
		60	27.0	3.96	32.5	32.2	4.92	33.0	37.4	5.99	33.5	40.1	6.57	33.7	42.7	7.17	34.0	47.9	8.47	34.5	53.1	9.89	35.0
		96	27.0	3.79	31.5	32.2	4.69	31.8	37.4	5.71	32.1	40.1	6.26	32.3	42.7	6.83	32.5	47.9	8.06	32.8	53.1	9.40	33.1
		120	27.0	3.72	31.2	32.2	4.61	31.5	37.4	5.60	31.7	40.1	6.14	31.8	42.7	6.70	32.0	47.9	7.91	32.2	53.1	9.22	32.5
	35	50	27.0	4.69	38.0	32.2	5.86	38.6	37.4	7.17	39.3	40.1	7.88	39.6	42.7	8.63	39.9	47.9	10.2	40.6	53.1	12.0	41.2
		60	27.0	4.62	37.5	32.2	5.76	38.0	37.4	7.05	38.5	40.1	7.74	38.8	42.7	8.47	39.1	47.9	10.0	39.6	53.1	11.7	40.2
		96	27.0	4.41	36.6	32.2	5.50	36.9	37.4	6.71	37.2	40.1	7.37	37.4	42.7	8.06	37.5	47.9	9.55	37.9	53.1	11.2	38.2
		120	27.0	4.34	36.2	32.2	5.40	36.5	37.4	6.59	36.8	40.1	7.24	36.9	42.7	7.91	37.0	47.9	9.37	37.3	53.1	10.9	37.5
	40	50	27.0	5.17	43.1	32.2	6.64	43.7	37.4	8.31	44.4	40.1	9.22	44.7	42.7	10.2	45.0	47.9	12.2	45.7	53.1	14.5	46.5
		60	27.0	5.14	42.6	32.2	6.56	43.1	37.4	8.18	43.6	40.1	9.06	43.9	42.7	9.98	44.2	47.9	12.0	44.8	53.1	14.2	45.4
		96	27.0	4.70	41.6	32.2	5.92	41.9	37.4	7.29	42.2	40.1	8.03	42.4	42.7	8.81	42.6	47.9	10.5	42.9	53.1	12.3	43.3
		120	27.0	4.56	41.3	32.2	5.74	41.5	37.4	7.06	41.8	40.1	7.78	41.9	42.7	8.54	42.0	47.9	10.2	42.3	53.1	11.9	42.6
	45	50	27.0	5.90	48.1	32.2	7.81	48.8	36.3	9.37	49.4	36.8	9.42	49.4	37.3	9.46	49.5	38.2	9.52	49.6	38.9	9.57	49.6
		60	27.0	5.59	47.6	32.2	7.35	48.2	37.4	9.37	48.7	39.7	10.3	49.0	40.3	10.3	49.0	41.3	10.4	49.1	42.1	10.5	49.2
		96	27.0	5.08	46.6	32.2	6.56	46.9	37.4	8.23	47.3	40.1	9.15	47.4	42.7	10.1	47.6	47.9	12.2	48.0	51.6	13.6	48.2
		120	27.0	5.02	46.3	32.2	6.42	46.5	37.4	8.00	46.8	40.1	8.86	46.9	42.7	9.77	47.1	47.9	11.7	47.4	53.1	13.9	47.7

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																							
			14,0			16,0			18,0			19,0			20,0			22,0			24,0					
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.			
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C			
130	10	80	22.9	3.63	14.8	27.3	4.83	15.8	29.9	5.12	16.3	30.3	5.14	16.4	30.7	5.16	16.4	31.4	5.19	16.6	32.0	5.21	16.7			
		96	22.9	3.42	13.9	27.3	4.55	14.8	30.4	4.97	15.3	30.8	5.00	15.3	31.2	5.02	15.4	31.9	5.05	15.5	32.5	5.07	15.6			
		120	22.9	3.21	13.1	27.3	4.26	13.8	30.9	4.81	14.3	31.3	4.84	14.3	31.7	4.86	14.4	32.5	4.89	14.5	33.1	4.91	14.5			
		150	22.9	3.07	12.5	27.3	4.07	13.0	31.2	4.70	13.4	31.6	4.72	13.5	32.1	4.74	13.5	32.8	4.77	13.6	33.4	4.79	13.7			
	15	80	22.9	3.75	19.8	27.3	5.00	20.8	29.4	5.27	21.2	29.8	5.29	21.3	30.2	5.31	21.4	30.8	5.34	21.5	31.4	5.36	21.6			
		96	22.9	3.54	18.9	27.3	4.71	19.8	29.8	5.12	20.2	30.3	5.14	20.3	30.7	5.17	20.3	31.3	5.20	20.5	31.9	5.22	20.5			
		120	22.9	3.32	18.1	27.3	4.41	18.8	30.3	4.95	19.2	30.8	4.98	19.3	31.2	5.00	19.3	31.9	5.03	19.4	32.4	5.05	19.5			
		150	22.9	3.18	17.5	27.3	4.22	18.0	30.6	4.83	18.4	31.1	4.86	18.4	31.5	4.88	18.5	32.2	4.91	18.5	32.8	4.93	18.6			
	20	80	22.9	3.90	24.8	27.3	5.20	25.8	28.7	5.42	26.1	29.1	5.44	26.2	29.5	5.46	26.3	30.1	5.49	26.4	30.5	5.51	26.5			
		96	22.9	3.68	24.0	27.3	4.90	24.8	29.1	5.27	25.1	29.5	5.29	25.2	29.9	5.31	25.3	30.6	5.35	25.4	31.1	5.37	25.4			
		120	22.9	3.45	23.1	27.3	4.59	23.8	29.6	5.10	24.1	30.0	5.12	24.2	30.4	5.14	24.2	31.1	5.18	24.3	31.6	5.20	24.4			
		150	22.9	3.30	22.5	27.3	4.39	23.0	29.9	4.97	23.3	30.3	5.00	23.4	30.7	5.02	23.4	31.4	5.05	23.5	32.0	5.07	23.5			
	25	80	22.9	4.60	29.9	26.9	5.96	30.9	27.8	6.02	31.1	28.2	6.05	31.1	28.6	6.07	31.2	29.1	6.10	31.3	29.5	6.12	31.4			
		96	22.9	4.34	29.1	27.3	5.79	29.9	28.3	5.86	30.1	28.7	5.88	30.2	29.0	5.90	30.2	29.6	5.94	30.3	30.0	5.96	30.4			
		120	22.9	4.07	28.2	27.3	5.42	28.9	28.7	5.67	29.1	29.1	5.69	29.2	29.5	5.72	29.2	30.1	5.75	29.3	30.6	5.77	29.3			
		150	22.9	3.89	27.6	27.3	5.18	28.1	29.0	5.53	28.3	29.4	5.56	28.3	29.8	5.58	28.4	30.5	5.61	28.4	30.9	5.63	28.5			
	30	80	22.9	5.44	35.1	26.0	6.56	35.8	26.8	6.63	36.0	27.2	6.66	36.1	27.5	6.68	36.1	28.0	6.71	36.2	28.3	6.72	36.3			
		96	22.9	5.14	34.2	26.4	6.38	34.9	27.2	6.45	35.0	27.6	6.48	35.1	27.9	6.50	35.1	28.5	6.53	35.2	28.8	6.54	35.3			
		120	22.9	4.81	33.3	26.8	6.17	33.9	27.7	6.24	34.1	28.1	6.27	34.1	28.4	6.29	34.1	29.0	6.32	34.2	29.4	6.34	34.3			
		150	22.9	4.60	32.6	27.1	6.02	33.2	28.0	6.09	33.3	28.4	6.12	33.3	28.7	6.14	33.3	29.3	6.17	33.4	29.7	6.19	33.4			
	35	80	22.9	6.51	40.3	24.8	7.18	40.7	25.6	7.25	40.9	25.9	7.27	41.0	26.2	7.29	41.0	26.6	7.31	41.1	26.9	7.31	41.1			
		96	22.9	6.14	39.3	25.2	6.98	39.8	26.0	7.05	39.9	26.4	7.07	40.0	26.6	7.09	40.0	27.1	7.12	40.1	27.4	7.12	40.1			
		120	22.9	5.75	38.4	25.6	6.75	38.9	26.5	6.82	39.0	26.8	6.85	39.0	27.1	6.87	39.1	27.6	6.90	39.1	27.9	6.90	39.2			
		150	22.9	5.49	37.7	25.9	6.59	38.1	26.7	6.66	38.2	27.1	6.68	38.2	27.4	6.70	38.3	27.9	6.73	38.3	28.2	6.74	38.3			
	40	80	19.8	5.66	44.6	20.5	5.72	44.7	20.9	5.74	44.8	21.0	5.75	44.8	21.1	5.74	44.8	21.1	5.71	44.8	20.8	5.64	44.7			
		96	21.2	6.20	44.1	22.0	6.28	44.2	22.5	6.32	44.3	22.7	6.33	44.3	22.9	6.33	44.4	23.0	6.32	44.4	23.0	6.28	44.4			
		120	22.5	6.64	43.5	23.3	6.72	43.6	24.0	6.78	43.7	24.3	6.80	43.7	24.5	6.81	43.7	24.8	6.82	43.8	24.9	6.80	43.8			
		150	22.9	6.57	42.8	23.8	6.65	42.9	24.5	6.71	43.0	24.7	6.73	43.0	25.0	6.74	43.0	25.3	6.75	43.1	25.4	6.74	43.1			
	45	80	14.5	3.87	48.3	14.6	3.85	48.3	14.4	3.79	48.3	14.1	3.74	48.2	13.8	3.68	48.1	12.8	3.53	47.9	11.6	3.34	47.7			
		96	15.8	4.20	48.0	16.0	4.20	48.0	16.0	4.17	48.0	15.8	4.13	48.0	15.6	4.09	47.9	14.9	3.98	47.8	14.0	3.82	47.7			
		120	17.2	4.62	47.6	17.6	4.65	47.7	17.7	4.63	47.7	17.7	4.61	47.7	17.6	4.59	47.7	17.2	4.50	47.6	16.5	4.39	47.5			
		150	18.3	5.03	47.2	18.8	5.07	47.3	19.1	5.07	47.3	19.1	5.06	47.3	19.1	5.05	47.3	18.9	4.99	47.3	18.4	4.89	47.2			
120	10	80	21.1	3.20	14.4	25.2	4.23	15.3	29.3	5.08	16.2	29.8	5.11	16.3	30.2	5.13	16.3	31.0	5.17	16.5	31.6	5.20	16.6			
		96	21.1	3.02	13.6	25.2	3.99	14.4	29.3	4.91	15.1	30.3	4.97	15.3	30.7	4.99	15.3	31.4	5.03	15.4	32.1	5.06	15.5			
		120	21.1	2.83	12.9	25.2	3.74	13.5	29.3	4.72	14.1	30.8	4.81	14.2	31.2	4.83	14.3	32.0	4.87	14.4	32.6	4.89	14.5			
		150	21.1	2.71	12.3	25.2	3.58	12.8	29.3	4.57	13.2	31.1	4.69	13.4	31.5	4.71	13.5	32.3	4.75	13.5	33.0	4.78	13.6			
	15	80	21.1	3.31	19.4	25.2	4.38	20.3	28.9	5.24	21.1	29.3	5.26	21.2	29.7	5.28	21.3	30.4	5.32	21.4	31.0	5.35	21.5			
		96	21.1	3.12	18.6	25.2	4.13	19.4	29.3	5.09	20.1	29.7	5.12	20.2	30.1	5.14	20.3	30.9	5.18	20.4	31.5	5.20	20.5			
		120	21.1	2.93	17.9	25.2	3.87	18.5	29.3	4.89	19.1	30.2	4.95	19.2	30.6	4.97	19.3	31.4	5.01	19.3	32.0	5.04	19.4			
		150	21.1	2.81	17.3	25.2	3.70	17.8	29.3	4.73	18.3	30.5	4.83	18.4	31.0	4.85	18.4	31.7	4.89	18.5	32.4	4.92	18.6			
	20	80	21.1	3.44	24.4	25.2	4.56	25.3	28.2	5.39	26.0	28.6	5.41	26.1	29.0	5.44	26.2	29.7	5.47	26.3	30.2	5.50	26.4			
		96	21.1	3.25	23.6	25.2	4.30	24.4	28.6	5.24	25.1	29.0	5.26	25.1	29.4	5.29	25.2	30.1	5.32	25.3	30.7	5.35	25.4			
		120	21.1	3.05	22.9	25.2	4.03	23.5	29.1	5.07	24.1	29.5	5.09	24.1	29.9	5.11	24.2	30.6	5.15	24.3	31.2	5.18	24.3			
		150	21.1	2.92	22.3	25.2	3.85	22.8	29.3	4.92	23.3	29.8	4.97	23.3	30.2	4.99	23.4	31.0	5.03	23.4	31.6	5.06	23.5			
	25	80	21.1	4.05	29.5	25.2	5.38	30.5	27.4	5.99	31.0	27.8	6.02	31.1	28.1	6.04	31.1	28.7	6.08	31.2	29.2	6.11	31.3			
		96	21.1	3.82	28.7	25.2	5.07	29.5	27.8	5.82	30.0	28.2	5.85	30.1	28.6	5.88	30.1	29.2	5.92	30.2	29.7	5.94	30.3			
		120	21.1	3.58	28.0	25.2	4.75	28.6	28.2	5.63	29.0	28.7	5.66	29.1	29.0	5.69	29.1	29.7	5.73	29.2	30.2	5.75	29.3			
		150	21.1	3.43	27.3	25.2	4.54	27.8	28.5	5.50	28.3	28.9	5.52	28.3	29.3	5.55	28.3	30.0	5.59	28.4	30.6	5.62	28.5			
	30	80	21.1	4.79	34.6	25.2	6.38	35.7	26.4	6.60	35.9	26.7	6.63	36.0	27.1	6.65	36.0	27.7	6.69	36.2	28.1	6.71	36.2			
		96	21.1	4.52	33.8	25.2	6.01	34.7	26.8	6.41	35.0	27.2	6.44	35.0	27.5	6.47	35.1	28.1	6.51	35.2	28.6	6.53	35.2			
		120	21.1	4.24	33.0	25.2	5.63	33.7	27.2	6.21	34.0	27.6	6.24	34.0	28.0	6.26	34.1	28.6	6.30	34.2	29.1	6.33	34.2			
		150	21.1	4.05	32.4	25.2	5.38	32.9	27.5	6.06	33.2	27.9	6.09	33.2	28.3	6.11	33.3	28.9	6.15	33.3	29.4	6.18	33.4			
	35	80	21.1	5.71	39.8	24.4	7.13	40.7	25.2	7.21	40.8	25.6	7.24	40.9	25.9	7.27	40.9	26.4	7.30	41.0	26.7	7.31	41.1			
		96	21.1	5.39	39.0	24.8	6.94	39.7	25.6	7.01	39.9	26.0	7.04	39.9	26.3	7.07	40.0	26.8	7.10	40.1	27.2	7.12	40.1			
		120	21.1	5.05	38.1	25.2	6.71	38.8	26.0	6.78	38.9	26.4	6.81	39.0	26.7	6.84	39.0	27.3	6.88	39.1	27.7	6.90	39.1			
		150	21.1	4.83	37.5	25.2	6.43	38.0	26.3	6.62	38.1	26.7	6.65	38.2	27.0	6.68	38.2	27.6	6.71	38.3	28.0	6.74	38.3			
	40	80	19.5	5.63	44.5	20.2	5.70	44.6	20.7	5.73	44.7	20.9	5.74	44.8	20.5	5.72	44.7	20.9	5.74	44.8	21.1	5.75	44.8			
		96	20.8	6.17	44.0	21.6	6.25	44.2	22.2	6.30	44.3	22.5	6.32	44.3	22.0	6.28	44.2	22.5	6.32	44.3	22.8	6.33	44.3			
		120	21.1	6.05	43.2	23.0	6.69	43.5	23.7	6.75	43.6	24.0	6.78	43.7	23.4	6.73	43.6	23.9	6.78	43.7	24.4	6.81	43.7			
		150	21.1	5.79	42.6	23.3	6.61	42.9	24.1	6.68	42.9	24.4	6.70	43.0	23.8	6.66	42.9	24.4	6.70	43.0	24.8	6.73	43.0			
	45	80	14.4	3.86	48.3	14.6	3.86	48.3	14.5	3.83	48.3	14.4	3.79	48.3	14.6	3.84	48.3	14.4	3.80	48.3	14.0	3.72	48.2			
		96	15.6	4.19	48.0	15.9	4.21	48.0	16.0	4.19	48.0	16.0	4.17	48.0	16.0	4.20	48.0	16.0	4.17	48.0	15.8	4.12	48.0			
		120	16.9	4.60	47.6	17.4	4.64	47.6	17.7	4.64	47.7	17.7	4.64	47.7	17.6	4.65	47.7	17.7	4.64	47.7	17.7	4.61	47.7			
		150	18.0	5.01	47.2	18.6	5.06	47.3	19.0	5.08	47.3	19.1	5.08	47.3	18.8	5.07	47.3	19.1	5.08	47.3	19.1	5.06	47.3			

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
110	10	80	19.4	2.79	14.0	23.1	3.68	14.8	26.8	4.69	15.6	28.7	5.04	16.0	29.7	5.10	16.2	30.4	5.14	16.4	31.1	5.18	16.5
		96	19.4	2.64	13.3	23.1	3.47	14.0	26.8	4.42	14.7	28.7	4.87	15.0	30.1	4.96	15.2	30.9	5.00	15.4	31.5	5.03	15.5
		120	19.4	2.48	12.6	23.1	3.26	13.1	26.8	4.14	13.7	28.7	4.63	14.0	30.6	4.80	14.2	31.4	4.84	14.3	32.1	4.87	14.4
		150	19.4	2.37	12.1	23.1	3.12	12.5	26.8	3.96	12.9	28.7	4.42	13.2	30.6	4.66	13.4	31.7	4.72	13.5	32.4	4.76	13.6
	15	80	19.4	2.89	19.0	23.1	3.81	19.8	26.8	4.86	20.7	28.7	5.23	21.1	29.1	5.25	21.2	29.9	5.29	21.3	30.5	5.33	21.4
		96	19.4	2.73	18.3	23.1	3.60	19.0	26.8	4.58	19.7	28.7	5.05	20.0	29.6	5.11	20.2	30.3	5.15	20.3	31.0	5.18	20.4
		120	19.4	2.57	17.6	23.1	3.37	18.2	26.8	4.29	18.7	28.7	4.79	19.0	30.1	4.94	19.2	30.8	4.98	19.3	31.5	5.01	19.4
		150	19.4	2.46	17.1	23.1	3.23	17.5	26.8	4.10	18.0	28.7	4.58	18.2	30.4	4.82	18.4	31.1	4.86	18.4	31.8	4.89	18.5
	20	80	19.4	3.00	24.0	23.1	3.96	24.8	26.8	5.05	25.7	28.1	5.38	26.0	28.5	5.40	26.1	29.2	5.45	26.2	29.7	5.48	26.3
		96	19.4	2.84	23.3	23.1	3.74	24.0	26.8	4.76	24.7	28.5	5.23	25.0	28.9	5.25	25.1	29.6	5.30	25.2	30.2	5.33	25.3
		120	19.4	2.67	22.6	23.1	3.50	23.2	26.8	4.46	23.7	28.7	4.98	24.0	29.4	5.08	24.1	30.1	5.12	24.2	30.7	5.16	24.3
		150	19.4	2.55	22.1	23.1	3.35	22.5	26.8	4.26	23.0	28.7	4.76	23.2	29.7	4.96	23.3	30.4	5.00	23.4	31.1	5.03	23.4
	25	80	19.4	3.53	29.1	23.1	4.67	30.0	26.8	5.95	30.9	27.2	5.98	31.0	27.6	6.01	31.0	28.3	6.05	31.2	28.8	6.09	31.3
		96	19.4	3.34	28.4	23.1	4.40	29.1	26.8	5.62	29.8	27.7	5.81	30.0	28.0	5.84	30.1	28.7	5.89	30.2	29.3	5.92	30.3
		120	19.4	3.13	27.7	23.1	4.13	28.3	26.8	5.26	28.8	28.1	5.63	29.0	28.5	5.65	29.1	29.2	5.70	29.2	29.8	5.73	29.2
		150	19.4	3.00	27.1	23.1	3.95	27.6	26.8	5.03	28.0	28.4	5.49	28.2	28.8	5.52	28.3	29.5	5.56	28.4	30.1	5.59	28.4
	30	80	19.4	4.17	34.2	23.1	5.53	35.1	25.9	6.56	35.8	26.3	6.59	35.9	26.6	6.62	36.0	27.2	6.66	36.1	27.7	6.70	36.2
		96	19.4	3.94	33.5	23.1	5.21	34.2	26.3	6.37	34.9	26.7	6.41	34.9	27.0	6.43	35.0	27.7	6.48	35.1	28.2	6.51	35.2
		120	19.4	3.70	32.8	23.1	4.88	33.3	26.7	6.17	33.9	27.1	6.20	34.0	27.5	6.23	34.0	28.1	6.27	34.1	28.7	6.31	34.2
		150	19.4	3.54	32.2	23.1	4.67	32.7	26.8	5.97	33.1	27.4	6.05	33.2	27.8	6.08	33.2	28.4	6.12	33.3	29.0	6.16	33.4
	35	80	19.4	4.97	39.4	23.1	6.60	40.3	24.8	7.17	40.7	25.1	7.20	40.8	25.4	7.23	40.9	26.0	7.28	41.0	26.4	7.30	41.0
		96	19.4	4.69	38.6	23.1	6.23	39.4	25.1	6.97	39.8	25.5	7.00	39.9	25.8	7.03	39.9	26.4	7.08	40.0	26.9	7.11	40.1
		120	19.4	4.40	37.8	23.1	5.83	38.5	25.5	6.74	38.9	25.9	6.78	38.9	26.3	6.80	39.0	26.9	6.85	39.0	27.3	6.88	39.1
		150	19.4	4.21	37.3	23.1	5.58	37.7	25.8	6.58	38.1	26.2	6.61	38.1	26.5	6.64	38.2	27.2	6.69	38.2	27.6	6.72	38.3
	40	80	19.1	5.59	44.4	19.8	5.67	44.6	20.4	5.71	44.7	20.6	5.73	44.7	20.8	5.74	44.8	21.1	5.75	44.8	21.1	5.73	44.8
		96	19.4	5.53	43.7	21.2	6.21	44.1	21.9	6.27	44.2	22.2	6.29	44.2	22.4	6.31	44.3	22.8	6.33	44.3	23.0	6.33	44.4
		120	19.4	5.25	42.9	22.5	6.65	43.5	23.3	6.72	43.6	23.6	6.75	43.6	23.9	6.77	43.7	24.3	6.80	43.7	24.6	6.82	43.8
		150	19.4	5.02	42.3	22.9	6.57	42.8	23.7	6.64	42.9	24.0	6.67	42.9	24.3	6.70	43.0	24.8	6.73	43.0	25.1	6.75	43.0
	45	80	14.2	3.85	48.2	14.5	3.87	48.3	14.6	3.85	48.3	14.6	3.83	48.3	14.5	3.81	48.3	14.1	3.73	48.2	13.4	3.62	48.1
		96	15.3	4.17	47.9	15.8	4.20	48.0	16.0	4.20	48.0	16.0	4.20	48.0	16.0	4.18	48.0	15.8	4.13	48.0	15.4	4.05	47.9
		120	16.6	4.58	47.5	17.2	4.63	47.6	17.6	4.64	47.7	17.7	4.65	47.7	17.7	4.64	47.7	17.7	4.61	47.7	17.5	4.55	47.6
		150	17.7	4.98	47.2	18.3	5.03	47.2	18.8	5.07	47.3	18.9	5.07	47.3	19.0	5.08	47.3	19.1	5.06	47.3	19.0	5.02	47.3
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	14.8	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	5.14	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	19.5	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	35.8	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	23.9	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	47.9	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

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
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	28.1	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	5.01	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	5.72	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	6.68	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	3.13	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	12.2	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	19.8
		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	23.0	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	3.36	27.3	22.2	3.71	27.5	25.0	4.47	27.8	27.7	5.29	28.1
	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	33.9
		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	4.73	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	43.7	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	6.65	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

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	
			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	12.0	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	4.02	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	3.55	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	27.3	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	3.43	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	32.0	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	3.46	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	42.2	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	14.4	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	16.6	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	10.6	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	10.6	1.15	11.7	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	10.6	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	10.6	1.04	11.1	12.6	1.30	11.3	14.6	1.59	11.6	15.7	1.74	11.7	16.7	1.90	11.8	18.7	2.25	12.0	20.8	2.64	12.2	
	15	80	10.6	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	10.6	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	10.6	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	10.6	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	22.5	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	2.43	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	37.2	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	46.9	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	47.1	17.9	5.00	47.2	

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																						
			14,0			16,0			18,0			19,0			20,0			22,0			24,0				
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.		
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C		
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	27.1	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	3.85	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	2.27	46.2	12.2	2.85	46.4	13.1	3.16	46.5	13.9	3.50	46.7	15.6	4.21	46.9	17.2	4.94	47.1		

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																						
			14,0			16,0			18,0			19,0			20,0			22,0			24,0				
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.		
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C		
130	10	80	45.8	7.25	14.8	54.6	9.65	15.8	59.8	10.2	16.3	60.7	10.3	16.4	61.5	10.3	16.4	62.9	10.4	16.6	63.9	10.4	16.7		
		96	45.8	6.85	13.9	54.6	9.10	14.8	60.7	9.95	15.3	61.6	10.00	15.3	62.4	10.0	15.4	63.9	10.1	15.5	65.0	10.1	15.6		
		120	45.8	6.42	13.1	54.6	8.52	13.8	61.7	9.63	14.3	62.6	9.67	14.3	63.5	9.71	14.4	65.0	9.78	14.5	66.2	9.82	14.5		
		150	45.8	6.14	12.5	54.6	8.15	13.0	62.3	9.39	13.4	63.3	9.44	13.5	64.1	9.48	13.5	65.7	9.54	13.6	66.9	9.59	13.7		
	15	80	45.8	7.51	19.8	54.6	10.00	20.8	58.7	10.5	21.2	59.6	10.6	21.3	60.4	10.6	21.4	61.7	10.7	21.5	62.7	10.7	21.6		
		96	45.8	7.09	18.9	54.6	9.43	19.8	59.6	10.2	20.2	60.5	10.3	20.3	61.3	10.3	20.3	62.7	10.4	20.5	63.7	10.4	20.5		
		120	45.8	6.65	18.1	54.6	8.83	18.8	60.6	9.91	19.2	61.5	9.96	19.3	62.3	10.00	19.3	63.8	10.1	19.4	64.9	10.1	19.5		
		150	45.8	6.36	17.5	54.6	8.44	18.0	61.2	9.67	18.4	62.1	9.72	18.4	63.0	9.76	18.5	64.4	9.82	18.5	65.6	9.87	18.6		
	20	80	45.8	7.80	24.8	54.6	10.4	25.8	57.4	10.8	26.1	58.2	10.9	26.2	58.9	10.9	26.3	60.2	11.0	26.4	61.1	11.0	26.5		
		96	45.8	7.37	24.0	54.6	9.80	24.8	58.2	10.5	25.1	59.1	10.6	25.2	59.8	10.6	25.3	61.1	10.7	25.4	62.1	10.7	25.4		
		120	45.8	6.91	23.1	54.6	9.17	23.8	59.2	10.2	24.1	60.1	10.2	24.2	60.9	10.3	24.2	62.2	10.4	24.3	63.2	10.4	24.4		
		150	45.8	6.61	22.5	54.6	8.77	23.0	59.8	9.95	23.3	60.7	9.99	23.4	61.5	10.0	23.4	62.9	10.1	23.5	63.9	10.1	23.5		
	25	80	45.8	9.20	29.9	53.9	11.9	30.9	55.7	12.0	31.1	56.4	12.1	31.1	57.1	12.1	31.2	58.3	12.2	31.3	59.1	12.2	31.4		
		96	45.8	8.68	29.1	54.6	11.6	29.9	56.5	11.7	30.1	57.3	11.8	30.2	58.0	11.8	30.2	59.2	11.9	30.3	60.1	11.9	30.4		
		120	45.8	8.13	28.2	54.6	10.8	28.9	57.5	11.3	29.1	58.3	11.4	29.2	59.0	11.4	29.2	60.3	11.5	29.3	61.2	11.5	29.3		
		150	45.8	7.78	27.6	54.6	10.4	28.1	58.0	11.1	28.3	58.9	11.1	28.3	59.6	11.2	28.4	60.9	11.2	28.4	61.9	11.3	28.5		
	30	80	45.8	10.9	35.1	51.9	13.1	35.8	53.6	13.3	36.0	54.3	13.3	36.1	55.0	13.4	36.1	56.0	13.4	36.2	56.6	13.4	36.3		
		96	45.8	10.3	34.2	52.7	12.8	34.9	54.5	12.9	35.0	55.2	13.0	35.1	55.9	13.0	35.1	56.9	13.1	35.2	57.6	13.1	35.3		
		120	45.8	9.63	33.3	53.6	12.3	33.9	55.4	12.5	34.1	56.1	12.5	34.1	56.8	12.6	34.1	57.9	12.6	34.2	58.7	12.7	34.3		
		150	45.8	9.21	32.6	54.1	12.1	33.2	56.0	12.2	33.3	56.7	12.2	33.3	57.4	12.3	33.3	58.6	12.3	33.4	59.4	12.4	33.4		
	35	80	45.8	13.0	40.3	49.7	14.4	40.7	51.2	14.5	40.9	51.9	14.5	41.0	52.4	14.6	41.0	53.2	14.6	41.1	53.7	14.6	41.1		
		96	45.8	12.3	39.3	50.5	14.0	39.8	52.1	14.1	39.9	52.7	14.1	40.0	53.3	14.2	40.0	54.2	14.2	40.1	54.7	14.2	40.1		
		120	45.8	11.5	38.4	51.3	13.5	38.9	52.9	13.6	39.0	53.6	13.7	39.0	54.2	13.7	39.1	55.2	13.8	39.1	55.8	13.8	39.2		
		150	45.8	11.0	37.7	51.8	13.2	38.1	53.5	13.3	38.2	54.2	13.4	38.2	54.8	13.4	38.3	55.8	13.5	38.3	56.4	13.5	38.3		
	40	80	39.6	11.3	44.6	40.9	11.4	44.7	41.8	11.5	44.8	42.1	11.5	44.8	42.2	11.5	44.8	42.2	11.4	44.8	41.7	11.3	44.7		
		96	42.4	12.4	44.1	43.9	12.6	44.2	45.1	12.6	44.3	45.5	12.7	44.3	45.8	12.7	44.4	46.1	12.6	44.4	45.9	12.6	44.4		
		120	44.9	13.3	43.5	46.7	13.4	43.6	48.0	13.6	43.7	48.6	13.6	43.7	49.0	13.6	43.7	49.6	13.6	43.8	49.7	13.6	43.8		
		150	45.7	13.1	42.8	47.5	13.3	42.9	48.9	13.4	43.0	49.5	13.5	43.0	49.9	13.5	43.0	50.6	13.5	43.1	50.8	13.5	43.1		
	45	80	29.0	7.74	48.3	29.2	7.70	48.3	28.7	7.57	48.3	28.2	7.48	48.2	27.5	7.36	48.1	25.7	7.06	47.9	23.2	6.68	47.7		
		96	31.5	8.40	48.0	32.0	8.41	48.0	31.9	8.33	48.0	31.7	8.27	48.0	31.2	8.18	47.9	29.9	7.95	47.8	28.0	7.65	47.7		
		120	34.3	9.25	47.6	35.2	9.29	47.7	35.5	9.27	47.7	35.4	9.23	47.7	35.2	9.17	47.7	34.4	9.01	47.6	33.0	8.77	47.5		
		150	36.5	10.1	47.2	37.6	10.1	47.3	38.2	10.1	47.3	38.2	10.1	47.3	38.2	10.1	47.3	37.7	9.97	47.3	36.8	9.78	47.2		
120	10	80	42.3	6.39	14.4	50.4	8.47	15.3	58.6	10.2	16.2	59.6	10.2	16.3	60.5	10.3	16.3	61.9	10.3	16.5	63.1	10.4	16.6		
		96	42.3	6.04	13.6	50.4	7.99	14.4	58.6	9.82	15.1	60.5	9.94	15.3	61.4	9.98	15.3	62.9	10.1	15.4	64.1	10.1	15.5		
		120	42.3	5.66	12.9	50.4	7.48	13.5	58.6	9.44	14.1	61.5	9.62	14.2	62.4	9.66	14.3	63.9	9.74	14.4	65.2	9.79	14.5		
		150	42.3	5.42	12.3	50.4	7.16	12.8	58.6	9.14	13.2	62.2	9.39	13.4	63.0	9.43	13.5	64.6	9.50	13.5	65.9	9.56	13.6		
	15	80	42.3	6.62	19.4	50.4	8.77	20.3	57.7	10.5	21.1	58.6	10.5	21.2	59.4	10.6	21.3	60.8	10.6	21.4	61.9	10.7	21.5		
		96	42.3	6.25	18.6	50.4	8.27	19.4	58.6	10.2	20.1	59.5	10.2	20.2	60.3	10.3	20.3	61.7	10.4	20.4	62.9	10.4	20.5		
		120	42.3	5.86	17.9	50.4	7.75	18.5	58.6	9.78	19.1	60.4	9.90	19.2	61.3	9.95	19.3	62.8	10.0	19.3	64.0	10.1	19.4		
		150	42.3	5.61	17.3	50.4	7.41	17.8	58.6	9.47	18.3	61.1	9.66	18.4	61.9	9.70	18.4	63.4	9.78	18.5	64.7	9.83	18.6		
	20	80	42.3	6.87	24.4	50.4	9.11	25.3	56.4	10.8	26.0	57.2	10.8	26.1	58.0	10.9	26.2	59.3	10.9	26.3	60.4	11.0	26.4		
		96	42.3	6.49	23.6	50.4	8.60	24.4	57.2	10.5	25.1	58.1	10.5	25.1	58.9	10.6	25.2	60.3	10.6	25.3	61.4	10.7	25.4		
		120	42.3	6.09	22.9	50.4	8.05	23.5	58.2	10.1	24.1	59.0	10.2	24.1	59.8	10.2	24.2	61.3	10.3	24.3	62.5	10.4	24.3		
		150	42.3	5.83	22.3	50.4	7.70	22.8	58.6	9.84	23.3	59.6	9.94	23.3	60.5	9.98	23.4	61.9	10.1	23.4	63.1	10.1	23.5		
	25	80	42.3	8.09	29.5	50.4	10.8	30.5	54.7	12.0	31.0	55.5	12.0	31.1	56.2	12.1	31.1	57.5	12.2	31.2	58.5	12.2	31.3		
		96	42.3	7.64	28.7	50.4	10.1	29.5	55.6	11.6	30.0	56.4	11.7	30.1	57.1	11.8	30.1	58.4	11.8	30.2	59.4	11.9	30.3		
		120	42.3	7.17	28.0	50.4	9.50	28.6	56.5	11.3	29.0	57.3	11.3	29.1	58.1	11.4	29.1	59.4	11.5	29.2	60.5	11.5	29.3		
		150	42.3	6.86	27.3	50.4	9.08	27.8	57.0	11.0	28.3	57.9	11.0	28.3	58.7	11.1	28.3	60.0	11.2	28.4	61.2	11.2	28.5		
	30	80	42.3	9.57	34.6	50.4	12.8	35.7	52.7	13.2	35.9	53.5	13.3	36.0	54.2	13.3	36.0	55.3	13.4	36.2	56.1	13.4	36.2		
		96	42.3	9.04	33.8	50.4	12.0	34.7	53.6	12.8	35.0	54.3	12.9	35.0	55.0	12.9	35.1	56.2	13.0	35.2	57.1	13.1	35.2		
		120	42.3	8.47	33.0	50.4	11.3	33.7	54.4	12.4	34.0	55.2	12.5	34.0	56.0	12.5	34.1	57.2	12.6	34.2	58.1	12.7	34.2		
		150	42.3	8.11	32.4	50.4	10.8	32.9	55.0	12.1	33.2	55.8	12.2	33.2	56.5	12.2	33.3	57.8	12.3	33.3	58.8	12.4	33.4		
	35	80	42.3	11.4	39.8	48.8	14.3	40.7	50.4	14.4	40.8	51.1	14.5	40.9	51.7	14.5	40.9	52.7	14.6	41.0	53.4	14.6	41.1		
		96	42.3	10.8	39.0	49.6	13.9	39.7	51.2	14.0	39.9	51.9	14.1	39.9	52.6	14.1	40.0	53.6	14.2	40.1	54.3	14.2	40.1		
		120	42.3	10.1	38.1	50.4	13.4	38.8	52.1	13.6	38.9	52.8	13.6	39.0	53.5	13.7	39.0	54.5	13.8	39.1	55.3	13.8	39.1		
		150	42.3	9.66	37.5	50.4	12.9	38.0	52.6	13.2	38.1	53.3	13.3	38.2	54.0	13.4	38.2	55.1	13.4	38.3	56.0	13.5	38.3		
	40	80	38.9	11.3	44.5	40.3	11.4	44.6	41.4	11.5	44.7	41.8	11.5	44.8	41.0	11.4	44.7	41.7	11.5	44.8	42.1	11.5	44.8		
		96	41.6	12.3	44.0	43.2	12.5	44.2	44.5	12.6	44.3	45.0	12.6	44.3	44.1	12.6	44.2	44.9	12.6	44.3	45.6	12.7	44.3		
		120	42.3	12.1	43.2	45.9	13.4	43.5	47.3	13.5	43.6	47.9	13.6	43.7	46.9	13.5	43.6	47.9	13.6	43.7	48.7	13.6	43.7		
		150	42.3	11.6	42.6	46.7	13.2	42.9	48.2	13.4	42.9	48.8	13.4	43.0	47.7	13.3	42.9	48.8	13.4	43.0	49.6	13.5	43.0		
	45	80	28.8	7.73	48.3	29.2	7.73	48.3	29.1	7.65	48.3	28.8	7.59	48.3	29.2	7.69	48.3	28.8	7.59	48.3	28.0	7.44	48.2		
		96	31.2	8.38	48.0	31.9	8.41	48.0	32.1	8.38	48.0	32.0	8.34	48.0	32.1	8.40	48.0	32.0	8.35	48.0	31.5	8.24	48.0		
		120	33.8	9.21	47.6	34.8	9.28	47.6	35.4	9.29	47.7	35.5	9.27	47.7	35.2	9.29	47.7	35.5	9.27	47.7	35.4	9.21	47.7		
		150	36.0	10.0	47.2	37.2	10.1	47.3	37.9	10.2	47.3	38.1	10.2	47.3	37.7	10.1	47.3	38.1	10.2	47.3	38.3	10.1	47.3		

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
110	10	80	38.8	5.59	14.0	46.2	7.36	14.8	53.7	9.38	15.6	57.4	10.1	16.0	59.3	10.2	16.2	60.8	10.3	16.4	62.1	10.4	16.5
		96	38.8	5.28	13.3	46.2	6.95	14.0	53.7	8.85	14.7	57.4	9.75	15.0	60.2	9.92	15.2	61.8	10.0	15.4	63.1	10.1	15.5
		120	38.8	4.96	12.6	46.2	6.51	13.1	53.7	8.28	13.7	57.4	9.25	14.0	61.2	9.60	14.2	62.8	9.68	14.3	64.2	9.74	14.4
		150	38.8	4.75	12.1	46.2	6.23	12.5	53.7	7.92	12.9	57.4	8.85	13.2	61.2	9.33	13.4	63.4	9.45	13.5	64.8	9.51	13.6
	15	80	38.8	5.78	19.0	46.2	7.62	19.8	53.7	9.71	20.7	57.4	10.5	21.1	58.3	10.5	21.2	59.7	10.6	21.3	61.0	10.7	21.4
		96	38.8	5.47	18.3	46.2	7.19	19.0	53.7	9.16	19.7	57.4	10.1	20.0	59.1	10.2	20.2	60.7	10.3	20.3	61.9	10.4	20.4
		120	38.8	5.13	17.6	46.2	6.74	18.2	53.7	8.58	18.7	57.4	9.58	19.0	60.1	9.88	19.2	61.7	9.96	19.3	63.0	10.0	19.4
		150	38.8	4.92	17.1	46.2	6.45	17.5	53.7	8.20	18.0	57.4	9.16	18.2	60.7	9.64	18.4	62.3	9.72	18.4	63.6	9.79	18.5
	20	80	38.8	6.01	24.0	46.2	7.92	24.8	53.7	10.1	25.7	56.1	10.8	26.0	56.9	10.8	26.1	58.3	10.9	26.2	59.5	11.0	26.3
		96	38.8	5.68	23.3	46.2	7.47	24.0	53.7	9.52	24.7	57.0	10.5	25.0	57.8	10.5	25.1	59.2	10.6	25.2	60.4	10.7	25.3
		120	38.8	5.33	22.6	46.2	7.01	23.2	53.7	8.92	23.7	57.4	9.96	24.0	58.7	10.2	24.1	60.2	10.2	24.2	61.5	10.3	24.3
		150	38.8	5.11	22.1	46.2	6.70	22.5	53.7	8.53	23.0	57.4	9.52	23.2	59.3	9.92	23.3	60.8	10.0	23.4	62.1	10.1	23.4
	25	80	38.8	7.06	29.1	46.2	9.33	30.0	53.7	11.9	30.9	54.5	12.0	31.0	55.2	12.0	31.0	56.6	12.1	31.2	57.7	12.2	31.3
		96	38.8	6.68	28.4	46.2	8.81	29.1	53.7	11.2	29.8	55.3	11.6	30.0	56.1	11.7	30.1	57.4	11.8	30.2	58.6	11.8	30.3
		120	38.8	6.27	27.7	46.2	8.25	28.3	53.7	10.5	28.8	56.2	11.3	29.0	57.0	11.3	29.1	58.4	11.4	29.2	59.6	11.5	29.2
		150	38.8	6.00	27.1	46.2	7.90	27.6	53.7	10.1	28.0	56.8	11.0	28.2	57.6	11.0	28.3	59.0	11.1	28.4	60.2	11.2	28.4
	30	80	38.8	8.34	34.2	46.2	11.1	35.1	51.8	13.1	35.8	52.5	13.2	35.9	53.2	13.2	36.0	54.5	13.3	36.1	55.4	13.4	36.2
		96	38.8	7.88	33.5	46.2	10.4	34.2	52.5	12.7	34.9	53.3	12.8	34.9	54.1	12.9	35.0	55.3	13.0	35.1	56.4	13.0	35.2
		120	38.8	7.39	32.8	46.2	9.77	33.3	53.4	12.3	33.9	54.2	12.4	34.0	55.0	12.5	34.0	56.3	12.5	34.1	57.3	12.6	34.2
		150	38.8	7.08	32.2	46.2	9.34	32.7	53.7	11.9	33.1	54.8	12.1	33.2	55.5	12.2	33.2	56.9	12.2	33.3	58.0	12.3	33.4
	35	80	38.8	9.93	39.4	46.2	13.2	40.3	49.5	14.3	40.7	50.2	14.4	40.8	50.9	14.5	40.9	52.0	14.6	41.0	52.8	14.6	41.0
		96	38.8	9.38	38.6	46.2	12.5	39.4	50.3	13.9	39.8	51.0	14.0	39.9	51.7	14.1	39.9	52.8	14.2	40.0	53.7	14.2	40.1
		120	38.8	8.79	37.8	46.2	11.7	38.5	51.1	13.5	38.9	51.8	13.6	38.9	52.5	13.6	39.0	53.7	13.7	39.0	54.7	13.8	39.1
		150	38.8	8.42	37.3	46.2	11.2	37.7	51.6	13.2	38.1	52.4	13.2	38.1	53.1	13.3	38.2	54.3	13.4	38.2	55.3	13.4	38.3
	40	80	38.2	11.2	44.4	39.7	11.3	44.6	40.8	11.4	44.7	41.3	11.5	44.7	41.6	11.5	44.8	42.1	11.5	44.8	42.3	11.5	44.8
		96	38.8	11.1	43.7	42.4	12.4	44.1	43.8	12.5	44.2	44.3	12.6	44.2	44.8	12.6	44.3	45.5	12.7	44.3	46.0	12.7	44.4
		120	38.8	10.5	42.9	45.0	13.3	43.5	46.5	13.4	43.6	47.2	13.5	43.6	47.7	13.5	43.7	48.6	13.6	43.7	49.3	13.6	43.8
		150	38.8	10.0	42.3	45.8	13.1	42.8	47.3	13.3	42.9	48.0	13.3	42.9	48.6	13.4	43.0	49.6	13.5	43.0	50.2	13.5	43.0
	45	80	28.4	7.71	48.2	29.1	7.74	48.3	29.2	7.70	48.3	29.1	7.67	48.3	28.9	7.61	48.3	28.1	7.46	48.2	26.8	7.24	48.1
		96	30.7	8.35	47.9	31.6	8.41	48.0	32.0	8.41	48.0	32.1	8.39	48.0	32.0	8.36	48.0	31.6	8.25	48.0	30.7	8.09	47.9
		120	33.3	9.16	47.5	34.4	9.25	47.6	35.1	9.29	47.7	35.3	9.29	47.7	35.4	9.28	47.7	35.4	9.22	47.7	34.9	9.11	47.6
		150	35.3	9.96	47.2	36.6	10.1	47.2	37.5	10.1	47.3	37.8	10.1	47.3	38.1	10.2	47.3	38.3	10.1	47.3	38.1	10.0	47.3
100	10	80	35.2	4.84	13.6	42.0	6.33	14.3	48.8	8.03	15.1	52.2	8.96	15.5	55.6	9.94	15.9	59.6	10.2	16.3	60.9	10.3	16.4
		96	35.2	4.58	13.0	42.0	5.98	13.6	48.8	7.58	14.2	52.2	8.45	14.5	55.6	9.37	14.8	60.5	9.94	15.3	61.9	10.0	15.4
		120	35.2	4.30	12.4	42.0	5.61	12.8	48.8	7.10	13.3	52.2	7.91	13.6	55.6	8.77	13.8	61.5	9.62	14.2	62.9	9.69	14.3
		150	35.2	4.12	11.9	42.0	5.37	12.3	48.8	6.79	12.7	52.2	7.57	12.9	55.6	8.39	13.1	62.1	9.38	13.4	63.5	9.45	13.5
	15	80	35.2	5.01	18.6	42.0	6.55	19.4	48.8	8.31	20.1	52.2	9.28	20.5	55.6	10.3	20.9	58.5	10.5	21.2	59.8	10.6	21.3
		96	35.2	4.74	18.0	42.0	6.19	18.6	48.8	7.85	19.2	52.2	8.75	19.6	55.6	9.70	19.9	59.4	10.2	20.2	60.8	10.3	20.3
		120	35.2	4.45	17.4	42.0	5.81	17.9	48.8	7.35	18.4	52.2	8.19	18.6	55.6	9.08	18.9	60.4	9.90	19.2	61.8	9.97	19.3
		150	35.2	4.27	16.9	42.0	5.56	17.3	48.8	7.03	17.7	52.2	7.84	17.9	55.6	8.69	18.1	61.0	9.66	18.4	62.4	9.73	18.4
	20	80	35.2	5.20	23.6	42.0	6.81	24.4	48.8	8.64	25.1	52.2	9.64	25.5	55.6	10.7	25.9	57.2	10.8	26.1	58.4	10.9	26.2
		96	35.2	4.92	23.0	42.0	6.43	23.6	48.8	8.15	24.3	52.2	9.10	24.6	55.6	10.1	24.9	58.0	10.5	25.1	59.3	10.6	25.2
		120	35.2	4.62	22.4	42.0	6.03	22.9	48.8	7.64	23.4	52.2	8.52	23.6	55.6	9.44	23.9	59.0	10.2	24.1	60.3	10.3	24.2
		150	35.2	4.43	21.9	42.0	5.78	22.3	48.8	7.31	22.7	52.2	8.15	22.9	55.6	9.03	23.1	59.6	9.93	23.3	60.9	10.0	23.4
	25	80	35.2	6.11	28.7	42.0	8.02	29.5	48.8	10.2	30.3	52.2	11.4	30.7	54.1	11.9	30.9	55.5	12.0	31.0	56.6	12.1	31.2
		96	35.2	5.78	28.1	42.0	7.57	28.7	48.8	9.62	29.4	52.2	10.7	29.7	54.9	11.6	30.0	56.3	11.7	30.1	57.5	11.8	30.2
		120	35.2	5.43	27.4	42.0	7.10	27.9	48.8	9.01	28.5	52.2	10.1	28.7	55.6	11.2	29.0	57.3	11.3	29.1	58.5	11.4	29.2
		150	35.2	5.20	26.9	42.0	6.80	27.3	48.8	8.62	27.7	52.2	9.61	28.0	55.6	10.7	28.2	57.8	11.0	28.3	59.1	11.1	28.4
	30	80	35.2	7.20	33.8	42.0	9.48	34.6	48.8	12.1	35.5	51.4	13.1	35.8	52.2	13.1	35.8	53.4	13.2	36.0	54.5	13.3	36.1
		96	35.2	6.81	33.1	42.0	8.95	33.8	48.8	11.4	34.5	52.2	12.7	34.8	52.9	12.8	34.9	54.3	12.9	35.0	55.4	13.0	35.1
		120	35.2	6.39	32.5	42.0	8.39	33.0	48.8	10.7	33.6	52.2	11.9	33.8	53.8	12.4	34.0	55.2	12.5	34.0	56.4	12.6	34.1
		150	35.2	6.12	32.0	42.0	8.03	32.4	48.8	10.2	32.8	52.2	11.4	33.0	54.4	12.1	33.2	55.8	12.2	33.2	56.9	12.2	33.3
	35	80	35.2	8.55	38.9	42.0	11.3	39.8	48.5	14.2	40.6	49.2	14.3	40.7	49.9	14.4	40.8	51.1	14.5	40.9	52.1	14.6	41.0
		96	35.2	8.08	38.2	42.0	10.7	38.9	48.8	13.6	39.7	50.0	13.9	39.8	50.7	14.0	39.8	51.9	14.1	39.9	52.9	14.2	40.0
		120	35.2	7.58	37.6	42.0	10.00	38.1	48.8	12.8	38.7	50.8	13.5	38.8	51.5	13.5	38.9	52.8	13.6	39.0	53.8	13.7	39.0
		150	35.2	7.26	37.0	42.0	9.56	37.5	48.8	12.2	37.9	51.3	13.1	38.1	52.0	13.2	38.1	53.3	13.3	38.2	54.4	13.4	38.2
	40	80	35.2	9.87	44.0	38.9	11.3	44.5	40.1	11.4	44.6	40.6	11.4	44.7	41.0	11.4	44.7	41.7	11.5	44.8	42.1	11.5	44.8
		96	35.2	9.46	43.3	41.6	12.3	44.0	42.9	12.5	44.1	43.5	12.5	44.2	44.1	12.6	44.2	44.9	12.6	44.3	45.6	12.7	44.3
		120	35.2	9.02	42.6	42.0	12.0	43.2	45.6	13.3	43.5	46.3	13.4	43.6	46.9	13.5	43.6	47.9	13.6	43.7	48.7	13.6	43.7
		150	35.2	8.63	42.1	42.0	11.5	42.6	46.4	13.2	42.8	47.0	13.3	42.9	47.7	13.3	42.9	48.8	13.4	43.0	49.6	13.5	43.0
	45	80	28.0	7.67	48.2	28.8	7.73	48.3	29.2	7.73	48.3	29.2	7.72	48.3	29.2	7.69	48.3	28.8	7.59	48.3	28.0	7.44	48.2
		96	30.1	8.30	47.9	31.1	8.38	47.9	31.8	8.41	48.0	32.0	8.41	48.0	32.1	8.40	48.0	32.0	8.35	48.0	31.5	8.24	48.0
		120	32.6	9.10	47.5	33.8	9.21	47.6	34.7	9.27	47.6	35.0	9.29	47.6	35.2	9.29	47.7	35.5	9.27	47.7	35.4	9.21	47.7
		150	34.6	9.89	47.1	35.9	10.0	47.2	37.0	10.1	47.2	37.4	10.1	47.3	37.7	10.1	47.3	38.1	10.2	47.3	38.3	10.1	47.3

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
90	10	80	31.7	4.15	13.2	37.8	5.38	13.9	43.9	6.79	14.5	47.0	7.55	14.9	50.0	8.36	15.2	56.1	10.00	15.9	59.6	10.2	16.3
		96	31.7	3.93	12.7	37.8	5.09	13.2	43.9	6.41	13.8	47.0	7.13	14.0	50.0	7.89	14.3	56.1	9.52	14.9	60.5	9.94	15.3
		120	31.7	3.70	12.1	37.8	4.78	12.5	43.9	6.01	13.0	47.0	6.68	13.2	50.0	7.39	13.4	56.1	8.92	13.9	61.4	9.61	14.2
		150	31.7	3.54	11.7	37.8	4.58	12.0	43.9	5.75	12.4	47.0	6.39	12.6	50.0	7.07	12.7	56.1	8.52	13.1	62.1	9.38	13.4
	15	80	31.7	4.29	18.2	37.8	5.57	18.9	43.9	7.03	19.6	47.0	7.82	19.9	50.0	8.66	20.3	56.1	10.4	21.0	58.5	10.5	21.2
		96	31.7	4.07	17.7	37.8	5.27	18.2	43.9	6.64	18.8	47.0	7.38	19.1	50.0	8.17	19.3	56.1	9.86	19.9	59.4	10.2	20.2
		120	31.7	3.82	17.1	37.8	4.95	17.6	43.9	6.22	18.0	47.0	6.92	18.2	50.0	7.65	18.4	56.1	9.23	18.9	60.4	9.90	19.2
		150	31.7	3.67	16.7	37.8	4.74	17.0	43.9	5.96	17.4	47.0	6.62	17.6	50.0	7.32	17.7	56.1	8.83	18.1	61.0	9.66	18.4
	20	80	31.7	4.46	23.2	37.8	5.79	23.9	43.9	7.30	24.6	47.0	8.13	24.9	50.0	9.00	25.3	55.8	10.7	26.0	57.1	10.8	26.1
		96	31.7	4.22	22.7	37.8	5.47	23.2	43.9	6.90	23.8	47.0	7.67	24.1	50.0	8.49	24.4	56.1	10.3	25.0	58.0	10.5	25.1
		120	31.7	3.97	22.1	37.8	5.14	22.6	43.9	6.47	23.0	47.0	7.19	23.2	50.0	7.95	23.5	56.1	9.60	23.9	59.0	10.2	24.1
		150	31.7	3.81	21.7	37.8	4.92	22.0	43.9	6.19	22.4	47.0	6.88	22.6	50.0	7.61	22.8	56.1	9.18	23.1	59.6	9.93	23.3
	25	80	31.7	5.22	28.3	37.8	6.80	29.0	43.9	8.60	29.7	47.0	9.58	30.1	50.0	10.6	30.4	54.2	11.9	30.9	55.4	12.0	31.0
		96	31.7	4.94	27.7	37.8	6.43	28.3	43.9	8.12	28.9	47.0	9.04	29.2	50.0	10.0	29.5	55.0	11.6	30.0	56.3	11.7	30.1
		120	31.7	4.65	27.2	37.8	6.04	27.6	43.9	7.61	28.1	47.0	8.47	28.3	50.0	9.38	28.5	55.9	11.2	29.0	57.2	11.3	29.1
		150	31.7	4.46	26.7	37.8	5.78	27.1	43.9	7.28	27.4	47.0	8.10	27.6	50.0	8.97	27.8	56.1	10.8	28.2	57.8	11.0	28.3
	30	80	31.7	6.14	33.4	37.8	8.03	34.1	43.9	10.2	34.8	47.0	11.4	35.2	50.0	12.6	35.6	52.3	13.2	35.9	53.4	13.2	36.0
		96	31.7	5.81	32.8	37.8	7.59	33.4	43.9	9.61	34.0	47.0	10.7	34.3	50.0	11.9	34.6	53.1	12.8	34.9	54.3	12.9	35.0
		120	31.7	5.46	32.2	37.8	7.12	32.7	43.9	9.00	33.2	47.0	10.0	33.4	50.0	11.1	33.7	53.9	12.4	34.0	55.2	12.5	34.0
		150	31.7	5.24	31.8	37.8	6.82	32.1	43.9	8.61	32.5	47.0	9.59	32.7	50.0	10.6	32.9	54.5	12.1	33.2	55.7	12.2	33.2
	35	80	31.7	7.28	38.5	37.8	9.56	39.2	43.9	12.2	40.0	47.0	13.6	40.4	48.7	14.3	40.6	50.0	14.4	40.8	51.1	14.5	40.9
		96	31.7	6.89	37.9	37.8	9.02	38.5	43.9	11.5	39.1	47.0	12.8	39.5	49.5	13.9	39.7	50.8	14.0	39.8	51.9	14.1	39.9
		120	31.7	6.47	37.3	37.8	8.46	37.8	43.9	10.7	38.3	47.0	12.0	38.5	50.0	13.3	38.8	51.6	13.5	38.9	52.7	13.6	39.0
		150	31.7	6.20	36.8	37.8	8.10	37.2	43.9	10.3	37.6	47.0	11.5	37.8	50.0	12.7	38.0	52.1	13.2	38.1	53.3	13.3	38.2
	40	80	31.7	8.32	43.6	37.8	11.1	44.4	39.2	11.3	44.5	39.8	11.3	44.6	40.3	11.4	44.6	41.1	11.4	44.7	41.7	11.5	44.8
		96	31.7	8.01	43.0	37.8	10.6	43.6	42.0	12.4	44.1	42.6	12.4	44.1	43.2	12.5	44.2	44.2	12.6	44.2	44.9	12.6	44.3
		120	31.7	7.66	42.4	37.8	10.1	42.9	43.9	12.9	43.4	45.2	13.3	43.5	45.8	13.4	43.5	47.0	13.5	43.6	47.9	13.6	43.7
		150	31.7	7.33	41.9	37.8	9.66	42.3	43.9	12.3	42.7	46.0	13.2	42.8	46.6	13.2	42.9	47.8	13.3	42.9	48.7	13.4	43.0
	45	80	27.4	7.62	48.1	28.3	7.70	48.2	28.9	7.73	48.3	29.1	7.74	48.3	29.2	7.73	48.3	29.2	7.68	48.3	28.8	7.59	48.3
		96	29.5	8.24	47.8	30.5	8.33	47.9	31.3	8.39	48.0	31.6	8.41	48.0	31.9	8.41	48.0	32.1	8.40	48.0	32.0	8.35	48.0
		120	31.7	8.96	47.4	33.1	9.15	47.5	34.1	9.23	47.6	34.5	9.26	47.6	34.8	9.28	47.6	35.3	9.29	47.7	35.5	9.27	47.7
		150	31.7	8.65	46.9	35.1	9.94	47.2	36.2	10.0	47.2	36.7	10.1	47.2	37.1	10.1	47.3	37.7	10.1	47.3	38.1	10.2	47.3
80	10	80	28.2	3.52	12.8	33.6	4.52	13.4	39.0	5.65	14.0	41.8	6.27	14.3	44.5	6.92	14.6	49.9	8.33	15.2	55.3	9.86	15.8
		96	28.2	3.33	12.4	33.6	4.28	12.8	39.0	5.34	13.3	41.8	5.92	13.6	44.5	6.54	13.8	49.9	7.86	14.3	55.3	9.30	14.8
		120	28.2	3.14	11.9	33.6	4.02	12.2	39.0	5.02	12.6	41.8	5.56	12.8	44.5	6.13	13.0	49.9	7.36	13.4	55.3	8.71	13.8
		150	28.2	3.01	11.5	33.6	3.85	11.8	39.0	4.80	12.1	41.8	5.32	12.2	44.5	5.87	12.4	49.9	7.04	12.7	55.3	8.32	13.0
	15	80	28.2	3.64	17.9	33.6	4.67	18.4	39.0	5.85	19.0	41.8	6.49	19.3	44.5	7.17	19.6	49.9	8.62	20.2	55.3	10.2	20.9
		96	28.2	3.45	17.4	33.6	4.42	17.8	39.0	5.53	18.3	41.8	6.13	18.6	44.5	6.77	18.8	49.9	8.13	19.3	55.3	9.63	19.8
		120	28.2	3.25	16.9	33.6	4.16	17.3	39.0	5.19	17.6	41.8	5.75	17.8	44.5	6.35	18.0	49.9	7.62	18.4	55.3	9.02	18.8
		150	28.2	3.12	16.5	33.6	3.99	16.8	39.0	4.97	17.1	41.8	5.51	17.3	44.5	6.07	17.4	49.9	7.29	17.7	55.3	8.62	18.1
	20	80	28.2	3.77	22.9	33.6	4.85	23.4	39.0	6.08	24.0	41.8	6.74	24.3	44.5	7.45	24.7	49.9	8.96	25.3	55.3	10.6	25.9
		96	28.2	3.58	22.4	33.6	4.59	22.9	39.0	5.74	23.3	41.8	6.37	23.6	44.5	7.03	23.8	49.9	8.45	24.4	55.3	10.0	24.9
		120	28.2	3.37	21.9	33.6	4.32	22.3	39.0	5.39	22.7	41.8	5.98	22.9	44.5	6.59	23.0	49.9	7.92	23.5	55.3	9.37	23.9
		150	28.2	3.23	21.5	33.6	4.14	21.8	39.0	5.16	22.1	41.8	5.72	22.3	44.5	6.31	22.4	49.9	7.58	22.7	55.3	8.96	23.1
	25	80	28.2	4.41	27.9	33.6	5.69	28.5	39.0	7.15	29.1	41.8	7.94	29.5	44.5	8.77	29.8	49.9	10.6	30.4	54.0	11.9	30.9
		96	28.2	4.18	27.4	33.6	5.39	27.9	39.0	6.75	28.4	41.8	7.50	28.7	44.5	8.28	28.9	49.9	9.97	29.5	54.9	11.6	30.0
		120	28.2	3.94	26.9	33.6	5.06	27.3	39.0	6.34	27.7	41.8	7.03	27.9	44.5	7.76	28.1	49.9	9.34	28.5	55.3	11.1	29.0
		150	28.2	3.78	26.5	33.6	4.85	26.8	39.0	6.07	27.2	41.8	6.73	27.3	44.5	7.43	27.5	49.9	8.93	27.8	55.3	10.6	28.1
	30	80	28.2	5.18	33.0	33.6	6.70	33.6	39.0	8.44	34.3	41.8	9.39	34.6	44.5	10.4	34.9	49.9	12.5	35.6	52.1	13.1	35.8
		96	28.2	4.90	32.5	33.6	6.34	33.0	39.0	7.97	33.5	41.8	8.86	33.8	44.5	9.80	34.1	49.9	11.8	34.6	52.9	12.8	34.9
		120	28.2	4.61	32.0	33.6	5.96	32.4	39.0	7.48	32.8	41.8	8.31	33.0	44.5	9.18	33.2	49.9	11.1	33.6	53.8	12.4	33.9
		150	28.2	4.42	31.6	33.6	5.71	31.9	39.0	7.16	32.2	41.8	7.95	32.4	44.5	8.79	32.5	49.9	10.6	32.9	54.3	12.1	33.2
	35	80	28.2	6.12	38.1	33.6	7.96	38.7	39.0	10.1	39.4	41.8	11.2	39.7	44.5	12.4	40.1	48.7	14.3	40.6	49.8	14.4	40.8
		96	28.2	5.79	37.5	33.6	7.52	38.1	39.0	9.49	38.6	41.8	10.6	38.9	44.5	11.7	39.2	49.5	13.9	39.7	50.6	14.0	39.8
		120	28.2	5.45	37.0	33.6	7.06	37.4	39.0	8.90	37.9	41.8	9.90	38.1	44.5	11.0	38.3	49.9	13.2	38.8	51.4	13.5	38.9
		150	28.2	5.22	36.6	33.6	6.76	36.9	39.0	8.52	37.3	41.8	9.47	37.4	44.5	10.5	37.6	49.9	12.7	38.0	52.0	13.2	38.1
	40	80	28.2	6.91	43.1	33.6	9.15	43.8	38.2	11.2	44.4	38.8	11.3	44.5	39.3	11.3	44.5	40.3	11.4	44.6	41.0	11.4	44.7
		96	28.2	6.67	42.6	33.6	8.78	43.2	39.0	11.2	43.7	41.5	12.3	44.0	42.1	12.4	44.1	43.1	12.5	44.2	44.0	12.6	44.2
		120	28.2	6.41	42.1	33.6	8.38	42.5	39.0	10.6	43.0	41.8	11.9	43.2	44.5	13.2	43.4	45.8	13.4	43.5	46.8	13.5	43.6
		150	28.2	6.14	41.6	33.6	8.02	42.0	39.0	10.2	42.4	41.8	11.3	42.5	44.5	12.6	42.7	46.6	13.2	42.9	47.6	13.3	42.9
	45	80	26.7	7.56	48.1	27.7	7.65	48.2	28.5	7.71	48.2	28.7	7.73	48.3	29.0	7.74	48.3	29.2	7.73	48.3	29.2	7.69	48.3
		96	28.2	7.89	47.7	29.8	8.27	47.8	30.7	8.35	47.9	31.1	8.38	47.9	31.4	8.40	48.0	31.8	8.41	48.0	32.1	8.40	48.0
		120	28.2	7.39	47.1	32.3	9.07	47.5	33.3	9.16	47.5	33.8	9.20	47.6	34.2	9.23	47.6	34.8	9.28	47.6	35.2	9.29	47.7
		150	28.2	7.15	46.7	33.6	9.52	47.1	35.4	9.96	47.2	35.9	10.0	47.2	36.3	10.0	47.2	37.1	10.1	47.3	37.7	10.1	47.3

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
70	10	80	24.7	2.94	12.5	29.4	3.73	13.0	34.2	4.63	13.5	36.5	5.11	13.7	38.9	5.62	14.0	43.7	6.72	14.5	48.4	7.93	15.0
		96	24.7	2.79	12.0	29.4	3.53	12.5	34.2	4.38	12.9	36.5	4.84	13.1	38.9	5.32	13.3	43.7	6.35	13.7	48.4	7.48	14.2
		120	24.7	2.63	11.6	29.4	3.33	12.0	34.2	4.11	12.3	36.5	4.54	12.5	38.9	4.99	12.6	43.7	5.96	13.0	48.4	7.01	13.3
		150	24.7	2.53	11.3	29.4	3.19	11.6	34.2	3.94	11.8	36.5	4.35	12.0	38.9	4.78	12.1	43.7	5.70	12.4	48.4	6.71	12.6
	15	80	24.7	3.04	17.5	29.4	3.86	18.0	34.2	4.79	18.5	36.5	5.29	18.7	38.9	5.82	19.0	43.7	6.96	19.5	48.4	8.21	20.1
		96	24.7	2.88	17.1	29.4	3.66	17.5	34.2	4.53	17.9	36.5	5.00	18.1	38.9	5.50	18.3	43.7	6.57	18.8	48.4	7.75	19.2
		120	24.7	2.72	16.6	29.4	3.44	17.0	34.2	4.26	17.3	36.5	4.70	17.5	38.9	5.17	17.6	43.7	6.17	18.0	48.4	7.26	18.3
		150	24.7	2.61	16.3	29.4	3.30	16.6	34.2	4.08	16.8	36.5	4.50	17.0	38.9	4.95	17.1	43.7	5.90	17.4	48.4	6.94	17.6
	20	80	24.7	3.15	22.5	29.4	4.01	23.0	34.2	4.97	23.5	36.5	5.50	23.8	38.9	6.05	24.0	43.7	7.23	24.6	48.4	8.53	25.1
		96	24.7	2.99	22.1	29.4	3.80	22.5	34.2	4.70	22.9	36.5	5.20	23.1	38.9	5.72	23.3	43.7	6.83	23.8	48.4	8.05	24.2
		120	24.7	2.82	21.6	29.4	3.57	22.0	34.2	4.42	22.3	36.5	4.88	22.5	38.9	5.37	22.6	43.7	6.41	23.0	48.4	7.54	23.3
		150	24.7	2.71	21.3	29.4	3.43	21.6	34.2	4.24	21.8	36.5	4.68	22.0	38.9	5.14	22.1	43.7	6.13	22.4	48.4	7.22	22.7
	25	80	24.7	3.67	27.5	29.4	4.69	28.1	34.2	5.83	28.6	36.5	6.46	28.9	38.9	7.11	29.1	43.7	8.52	29.7	48.4	10.1	30.2
		96	24.7	3.49	27.1	29.4	4.44	27.5	34.2	5.52	28.0	36.5	6.10	28.2	38.9	6.72	28.4	43.7	8.04	28.9	48.4	9.49	29.3
		120	24.7	3.29	26.7	29.4	4.18	27.0	34.2	5.18	27.3	36.5	5.73	27.5	38.9	6.31	27.7	43.7	7.54	28.1	48.4	8.89	28.4
		150	24.7	3.16	26.3	29.4	4.01	26.6	34.2	4.97	26.9	36.5	5.49	27.0	38.9	6.04	27.1	43.7	7.22	27.4	48.4	8.51	27.7
	30	80	24.7	4.30	32.6	29.4	5.50	33.1	34.2	6.87	33.7	36.5	7.61	34.0	38.9	8.40	34.2	43.7	10.1	34.8	48.4	11.9	35.4
		96	24.7	4.08	32.1	29.4	5.21	32.6	34.2	6.50	33.0	36.5	7.20	33.3	38.9	7.93	33.5	43.7	9.52	34.0	48.4	11.2	34.5
		120	24.7	3.84	31.7	29.4	4.90	32.0	34.2	6.10	32.4	36.5	6.75	32.6	38.9	7.44	32.8	43.7	8.92	33.1	48.4	10.5	33.5
		150	24.7	3.69	31.4	29.4	4.70	31.6	34.2	5.84	31.9	36.5	6.47	32.1	38.9	7.12	32.2	43.7	8.53	32.5	48.4	10.1	32.8
	35	80	24.7	5.06	37.7	29.4	6.51	38.2	34.2	8.16	38.8	36.5	9.05	39.1	38.9	10.00	39.4	43.7	12.0	40.0	48.4	14.2	40.6
		96	24.7	4.80	37.2	29.4	6.16	37.7	34.2	7.71	38.1	36.5	8.55	38.4	38.9	9.44	38.6	43.7	11.4	39.1	48.4	13.5	39.6
		120	24.7	4.52	36.7	29.4	5.79	37.1	34.2	7.24	37.5	36.5	8.02	37.7	38.9	8.85	37.9	43.7	10.6	38.2	48.4	12.6	38.6
		150	24.7	4.33	36.4	29.4	5.55	36.7	34.2	6.93	37.0	36.5	7.68	37.1	38.9	8.47	37.3	43.7	10.2	37.6	48.4	12.0	37.9
	40	80	24.7	5.63	42.7	29.4	7.39	43.3	34.2	9.39	43.9	36.5	10.5	44.2	38.2	11.2	44.4	39.2	11.3	44.5	40.0	11.4	44.6
		96	24.7	5.47	42.2	29.4	7.12	42.7	34.2	9.01	43.2	36.5	10.0	43.5	38.9	11.1	43.7	41.9	12.4	44.1	42.9	12.5	44.1
		120	24.7	5.27	41.8	29.4	6.83	42.2	34.2	8.60	42.6	36.5	9.56	42.8	38.9	10.6	43.0	43.7	12.8	43.4	45.5	13.3	43.5
		150	24.7	5.06	41.4	29.4	6.54	41.7	34.2	8.23	42.0	36.5	9.15	42.2	38.9	10.1	42.3	43.7	12.2	42.7	46.3	13.2	42.8
	45	80	24.7	6.78	47.8	26.9	7.58	48.1	27.8	7.66	48.2	28.1	7.69	48.2	28.4	7.71	48.2	28.9	7.73	48.3	29.2	7.73	48.3
		96	24.7	6.34	47.3	29.0	8.19	47.8	29.9	8.28	47.9	30.3	8.32	47.9	30.7	8.35	47.9	31.3	8.39	48.0	31.7	8.41	48.0
		120	24.7	5.97	46.8	29.4	7.92	47.2	32.4	9.08	47.5	32.9	9.12	47.5	33.3	9.16	47.5	34.1	9.22	47.6	34.6	9.27	47.6
		150	24.7	5.80	46.5	29.4	7.65	46.8	34.2	9.78	47.1	34.9	9.92	47.1	35.3	9.96	47.2	36.2	10.0	47.2	36.9	10.1	47.2
60	10	80	21.1	2.41	12.1	25.2	3.02	12.5	29.3	3.71	13.0	31.3	4.08	13.2	33.4	4.47	13.4	37.4	5.30	13.8	41.5	6.21	14.3
		96	21.1	2.30	11.7	25.2	2.87	12.1	29.3	3.51	12.4	31.3	3.86	12.6	33.4	4.23	12.8	37.4	5.01	13.2	41.5	5.87	13.5
		120	21.1	2.17	11.4	25.2	2.71	11.7	29.3	3.31	11.9	31.3	3.63	12.1	33.4	3.97	12.2	37.4	4.71	12.5	41.5	5.51	12.8
		150	21.1	2.09	11.1	25.2	2.60	11.3	29.3	3.17	11.6	31.3	3.48	11.7	33.4	3.81	11.8	37.4	4.51	12.0	41.5	5.27	12.2
	15	80	21.1	2.50	17.1	25.2	3.13	17.5	29.3	3.84	18.0	31.3	4.22	18.2	33.4	4.62	18.4	37.4	5.49	18.8	41.5	6.43	19.3
		96	21.1	2.37	16.8	25.2	2.97	17.1	29.3	3.63	17.5	31.3	4.00	17.6	33.4	4.37	17.8	37.4	5.19	18.2	41.5	6.07	18.6
		120	21.1	2.24	16.4	25.2	2.80	16.7	29.3	3.42	17.0	31.3	3.76	17.1	33.4	4.11	17.2	37.4	4.87	17.5	41.5	5.70	17.8
		150	21.1	2.16	16.1	25.2	2.69	16.3	29.3	3.28	16.6	31.3	3.60	16.7	33.4	3.94	16.8	37.4	4.67	17.0	41.5	5.46	17.2
	20	80	21.1	2.59	22.1	25.2	3.24	22.5	29.3	3.98	23.0	31.3	4.38	23.2	33.4	4.80	23.4	37.4	5.70	23.9	41.5	6.68	24.3
		96	21.1	2.46	21.8	25.2	3.08	22.1	29.3	3.77	22.5	31.3	4.15	22.6	33.4	4.54	22.8	37.4	5.39	23.2	41.5	6.31	23.6
		120	21.1	2.32	21.4	25.2	2.90	21.7	29.3	3.55	22.0	31.3	3.90	22.1	33.4	4.27	22.2	37.4	5.06	22.5	41.5	5.92	22.8
		150	21.1	2.23	21.1	25.2	2.79	21.3	29.3	3.41	21.6	31.3	3.74	21.7	33.4	4.09	21.8	37.4	4.85	22.0	41.5	5.67	22.3
	25	80	21.1	3.01	27.2	25.2	3.78	27.6	29.3	4.66	28.0	31.3	5.13	28.3	33.4	5.63	28.5	37.4	6.70	29.0	41.5	7.86	29.4
		96	21.1	2.86	26.8	25.2	3.59	27.2	29.3	4.41	27.5	31.3	4.86	27.7	33.4	5.33	27.9	37.4	6.33	28.3	41.5	7.43	28.7
		120	21.1	2.70	26.4	25.2	3.38	26.7	29.3	4.15	27.0	31.3	4.57	27.1	33.4	5.00	27.3	37.4	5.94	27.6	41.5	6.96	27.9
		150	21.1	2.60	26.1	25.2	3.25	26.4	29.3	3.98	26.6	31.3	4.38	26.7	33.4	4.80	26.8	37.4	5.69	27.1	41.5	6.67	27.3
	30	80	21.1	3.51	32.2	25.2	4.43	32.7	29.3	5.47	33.1	31.3	6.03	33.3	33.4	6.63	33.6	37.4	7.90	34.1	41.5	9.29	34.6
		96	21.1	3.33	31.8	25.2	4.20	32.2	29.3	5.18	32.6	31.3	5.71	32.8	33.4	6.27	33.0	37.4	7.47	33.4	41.5	8.78	33.8
		120	21.1	3.14	31.5	25.2	3.96	31.7	29.3	4.87	32.0	31.3	5.37	32.2	33.4	5.89	32.3	37.4	7.01	32.7	41.5	8.23	33.0
		150	21.1	3.02	31.2	25.2	3.80	31.4	29.3	4.67	31.6	31.3	5.14	31.7	33.4	5.64	31.9	37.4	6.71	32.1	41.5	7.87	32.4
	35	80	21.1	4.11	37.3	25.2	5.22	37.7	29.3	6.47	38.2	31.3	7.15	38.4	33.4	7.86	38.7	37.4	9.40	39.2	41.5	11.1	39.7
		96	21.1	3.90	36.9	25.2	4.94	37.3	29.3	6.12	37.6	31.3	6.76	37.8	33.4	7.43	38.0	37.4	8.88	38.5	41.5	10.5	38.9
		120	21.1	3.68	36.5	25.2	4.65	36.8	29.3	5.75	37.1	31.3	6.35	37.2	33.4	6.98	37.4	37.4	8.33	37.7	41.5	9.80	38.1
		150	21.1	3.53	36.2	25.2	4.47	36.4	29.3	5.52	36.7	31.3	6.09	36.8	33.4	6.68	36.9	37.4	7.97	37.2	41.5	9.38	37.4
	40	80	21.1	4.49	42.3	25.2	5.83	42.8	29.3	7.34	43.3	31.3	8.16	43.5	33.4	9.03	43.8	37.4	10.9	44.3	38.8	11.2	44.5
		96	21.1	4.39	41.9	25.2	5.65	42.3	29.3	7.08	42.7	31.3	7.85	42.9	33.4	8.67	43.1	37.4	10.4	43.6	41.4	12.3	44.0
		120	21.1	4.25	41.5	25.2	5.44	41.8	29.3	6.78	42.2	31.3	7.51	42.3	33.4	8.28	42.5	37.4	9.94	42.8	41.5	11.7	43.2
		150	21.1	4.09	41.2	25.2	5.22	41.5	29.3	6.50	41.7	31.3	7.20	41.8	33.4	7.93	42.0	37.4	9.50	42.2	41.5	11.2	42.5
	45	80	21.1	5.29	47.4	25.2	7.03	47.9	26.9	7.58	48.1	27.3	7.62	48.1	27.7	7.65	48.2	28.3	7.70	48.2	28.7	7.73	48.3
		96	21.1	4.97	46.9	25.2	6.57	47.4	28.9	8.19	47.8	29.4	8.23	47.8	29.8	8.27	47.8	30.5	8.33	47.9	31.1	8.37	47.9
		120	21.1	4.70	46.5	25.2	6.18	46.9	29.3	7.86	47.2	31.3	8.78	47.4	32.2	9.06	47.5	33.0	9.14	47.5	33.7	9.20	47.6
		150	21.1	4.59	46.2	25.2	6.00	46.5	29.3	7.60	46.8	31.3	8.47	46.9	33.4	9.40	47.0	35.0	9.93	47.1	35.8	10.0	47.2

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
50	10	80	17.6	1.95	11.8	21.0	2.40	12.1	24.4	2.90	12.4	26.1	3.17	12.6	27.8	3.45	12.8	31.2	4.05	13.2	34.6	4.71	13.5
		96	17.6	1.86	11.5	21.0	2.28	11.7	24.4	2.75	12.0	26.1	3.00	12.2	27.8	3.27	12.3	31.2	3.84	12.6	34.6	4.46	12.9
		120	17.6	1.76	11.2	21.0	2.15	11.4	24.4	2.59	11.6	26.1	2.83	11.7	27.8	3.08	11.8	31.2	3.61	12.1	34.6	4.19	12.3
		150	17.6	1.69	10.9	21.0	2.07	11.1	24.4	2.49	11.3	26.1	2.72	11.4	27.8	2.96	11.5	31.2	3.46	11.7	34.6	4.01	11.8
	15	80	17.6	2.01	16.8	21.0	2.48	17.1	24.4	3.00	17.5	26.1	3.27	17.6	27.8	3.57	17.8	31.2	4.19	18.2	34.6	4.87	18.5
		96	17.6	1.92	16.5	21.0	2.36	16.7	24.4	2.84	17.0	26.1	3.11	17.2	27.8	3.38	17.3	31.2	3.97	17.6	34.6	4.61	17.9
		120	17.6	1.82	16.2	21.0	2.23	16.4	24.4	2.68	16.6	26.1	2.93	16.7	27.8	3.19	16.9	31.2	3.74	17.1	34.6	4.33	17.3
		150	17.6	1.75	15.9	21.0	2.14	16.1	24.4	2.58	16.3	26.1	2.81	16.4	27.8	3.06	16.5	31.2	3.58	16.7	34.6	4.15	16.9
	20	80	17.6	2.09	21.8	21.0	2.57	22.1	24.4	3.11	22.5	26.1	3.40	22.6	27.8	3.70	22.8	31.2	4.35	23.2	34.6	5.06	23.6
		96	17.6	1.99	21.5	21.0	2.44	21.8	24.4	2.95	22.0	26.1	3.22	22.2	27.8	3.51	22.3	31.2	4.12	22.6	34.6	4.79	22.9
		120	17.6	1.88	21.2	21.0	2.31	21.4	24.4	2.78	21.6	26.1	3.04	21.7	27.8	3.31	21.9	31.2	3.88	22.1	34.6	4.50	22.3
		150	17.6	1.81	20.9	21.0	2.22	21.1	24.4	2.67	21.3	26.1	2.92	21.4	27.8	3.17	21.5	31.2	3.72	21.7	34.6	4.31	21.9
	25	80	17.6	2.42	26.8	21.0	2.99	27.1	24.4	3.62	27.5	26.1	3.97	27.7	27.8	4.33	27.9	31.2	5.10	28.3	34.6	5.94	28.6
		96	17.6	2.30	26.5	21.0	2.84	26.8	24.4	3.44	27.1	26.1	3.76	27.2	27.8	4.10	27.4	31.2	4.83	27.7	34.6	5.62	28.0
		120	17.6	2.18	26.2	21.0	2.68	26.4	24.4	3.24	26.7	26.1	3.54	26.8	27.8	3.86	26.9	31.2	4.54	27.1	34.6	5.28	27.4
		150	17.6	2.10	25.9	21.0	2.58	26.1	24.4	3.11	26.3	26.1	3.40	26.4	27.8	3.71	26.5	31.2	4.35	26.7	34.6	5.06	26.9
	30	80	17.6	2.80	31.8	21.0	3.48	32.2	24.4	4.24	32.6	26.1	4.65	32.8	27.8	5.08	32.9	31.2	6.00	33.3	34.6	7.00	33.7
		96	17.6	2.67	31.5	21.0	3.30	31.8	24.4	4.02	32.1	26.1	4.40	32.3	27.8	4.81	32.4	31.2	5.68	32.8	34.6	6.62	33.1
		120	17.6	2.52	31.2	21.0	3.12	31.4	24.4	3.79	31.7	26.1	4.15	31.8	27.8	4.52	31.9	31.2	5.33	32.2	34.6	6.21	32.4
		150	17.6	2.43	31.0	21.0	3.00	31.1	24.4	3.63	31.3	26.1	3.98	31.4	27.8	4.34	31.5	31.2	5.11	31.7	34.6	5.95	31.9
	35	80	17.6	3.26	36.9	21.0	4.08	37.2	24.4	4.99	37.6	26.1	5.48	37.8	27.8	6.00	38.0	31.2	7.10	38.4	34.6	8.31	38.8
		96	17.6	3.10	36.5	21.0	3.87	36.9	24.4	4.73	37.2	26.1	5.19	37.3	27.8	5.68	37.5	31.2	6.72	37.8	34.6	7.86	38.2
		120	17.6	2.93	36.2	21.0	3.65	36.5	24.4	4.45	36.7	26.1	4.88	36.9	27.8	5.34	37.0	31.2	6.31	37.2	34.6	7.37	37.5
		150	17.6	2.82	36.0	21.0	3.51	36.2	24.4	4.27	36.4	26.1	4.68	36.5	27.8	5.12	36.6	31.2	6.05	36.8	34.6	7.06	37.0
	40	80	17.6	3.49	41.9	21.0	4.45	42.3	24.4	5.55	42.7	26.1	6.14	42.9	27.8	6.76	43.1	31.2	8.11	43.5	34.6	9.58	44.0
		96	17.6	3.43	41.6	21.0	4.35	41.9	24.4	5.38	42.2	26.1	5.94	42.4	27.8	6.53	42.6	31.2	7.80	42.9	34.6	9.19	43.3
		120	17.6	3.35	41.3	21.0	4.22	41.5	24.4	5.19	41.8	26.1	5.72	41.9	27.8	6.27	42.0	31.2	7.47	42.3	34.6	8.76	42.6
		150	17.6	3.23	41.0	21.0	4.06	41.2	24.4	4.99	41.4	26.1	5.49	41.5	27.8	6.02	41.6	31.2	7.15	41.8	34.6	8.39	42.1
	45	80	17.6	3.98	46.9	21.0	5.24	47.4	24.4	6.67	47.8	26.1	7.45	48.0	26.6	7.55	48.1	27.3	7.61	48.1	27.9	7.66	48.2
		96	17.6	3.77	46.6	21.0	4.92	46.9	24.4	6.24	47.3	26.1	6.95	47.5	27.8	7.71	47.7	29.3	8.23	47.8	30.0	8.29	47.9
		120	17.6	3.60	46.3	21.0	4.66	46.5	24.4	5.87	46.8	26.1	6.53	46.9	27.8	7.22	47.1	31.2	8.72	47.4	32.5	9.09	47.5
		150	17.6	3.53	46.0	21.0	4.55	46.2	24.4	5.70	46.4	26.1	6.33	46.5	27.8	6.99	46.7	31.2	8.42	46.9	34.4	9.87	47.1

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																						
			14,0			16,0			18,0			19,0			20,0			22,0			24,0				
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.		
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C		
130	10	80	68.7	10.9	14.8	81.9	14.5	15.8	89.7	15.3	16.3	91.0	15.4	16.4	92.2	15.5	16.4	94.3	15.6	16.6	95.9	15.6	16.7		
		96	68.7	10.3	13.9	81.9	13.7	14.8	91.1	14.9	15.3	92.4	15.0	15.3	93.7	15.1	15.4	95.8	15.2	15.5	97.5	15.2	15.6		
		120	68.7	9.63	13.1	81.9	12.8	13.8	92.6	14.4	14.3	93.9	14.5	14.3	95.2	14.6	14.4	97.5	14.7	14.5	99.2	14.7	14.5		
		150	68.7	9.21	12.5	81.9	12.2	13.0	93.5	14.1	13.4	94.9	14.2	13.5	96.2	14.2	13.5	98.5	14.3	13.6	100	14.4	13.7		
	15	80	68.7	11.3	19.8	81.9	15.0	20.8	88.1	15.8	21.2	89.4	15.9	21.3	90.5	15.9	21.4	92.5	16.0	21.5	94.0	16.1	21.6		
		96	68.7	10.6	18.9	81.9	14.1	19.8	89.5	15.4	20.2	90.8	15.4	20.3	92.0	15.5	20.3	94.0	15.6	20.5	95.6	15.7	20.5		
		120	68.7	9.97	18.1	81.9	13.2	18.8	90.9	14.9	19.2	92.3	14.9	19.3	93.5	15.0	19.3	95.6	15.1	19.4	97.3	15.2	19.5		
		150	68.7	9.54	17.5	81.9	12.7	18.0	91.8	14.5	18.4	93.2	14.6	18.4	94.5	14.6	18.5	96.7	14.7	18.5	98.4	14.8	18.6		
	20	80	68.7	11.7	24.8	81.9	15.6	25.8	86.0	16.2	26.1	87.3	16.3	26.2	88.4	16.4	26.3	90.2	16.5	26.4	91.6	16.5	26.5		
		96	68.7	11.0	24.0	81.9	14.7	24.8	87.4	15.8	25.1	88.6	15.9	25.2	89.8	15.9	25.3	91.7	16.0	25.4	93.2	16.1	25.4		
		120	68.7	10.4	23.1	81.9	13.8	23.8	88.8	15.3	24.1	90.1	15.4	24.2	91.3	15.4	24.2	93.3	15.5	24.3	94.9	15.6	24.4		
		150	68.7	9.91	22.5	81.9	13.2	23.0	89.7	14.9	23.3	91.0	15.0	23.4	92.2	15.1	23.4	94.3	15.2	23.5	95.9	15.2	23.5		
	25	80	68.7	13.8	29.9	80.8	17.9	30.9	83.5	18.1	31.1	84.7	18.1	31.1	85.7	18.2	31.2	87.4	18.3	31.3	88.6	18.4	31.4		
		96	68.7	13.0	29.1	81.9	17.4	29.9	84.8	17.6	30.1	86.0	17.6	30.2	87.1	17.7	30.2	88.8	17.8	30.3	90.1	17.9	30.4		
		120	68.7	12.2	28.2	81.9	16.2	28.9	86.2	17.0	29.1	87.4	17.1	29.2	88.5	17.1	29.2	90.4	17.2	29.3	91.8	17.3	29.3		
		150	68.7	11.7	27.6	81.9	15.5	28.1	87.1	16.6	28.3	88.3	16.7	28.3	89.5	16.7	28.4	91.4	16.8	28.4	92.8	16.9	28.5		
	30	80	68.7	16.3	35.1	77.9	19.7	35.8	80.5	19.9	36.0	81.5	20.0	36.1	82.5	20.0	36.1	84.0	20.1	36.2	84.9	20.2	36.3		
		96	68.7	15.4	34.2	79.1	19.1	34.9	81.7	19.3	35.0	82.8	19.4	35.1	83.8	19.5	35.1	85.4	19.6	35.2	86.4	19.6	35.3		
		120	68.7	14.4	33.3	80.4	18.5	33.9	83.1	18.7	34.1	84.2	18.8	34.1	85.2	18.9	34.1	86.9	19.0	34.2	88.1	19.0	34.3		
		150	68.7	13.8	32.6	81.2	18.1	33.2	83.9	18.3	33.3	85.1	18.4	33.3	86.1	18.4	33.3	87.9	18.5	33.4	89.1	18.6	33.4		
	35	80	68.7	19.5	40.3	74.5	21.5	40.7	76.9	21.7	40.9	77.8	21.8	41.0	78.6	21.9	41.0	79.9	21.9	41.1	80.6	21.9	41.1		
		96	68.7	18.4	39.3	75.7	20.9	39.8	78.1	21.1	39.9	79.1	21.2	40.0	79.9	21.3	40.0	81.3	21.4	40.1	82.0	21.4	40.1		
		120	68.7	17.2	38.4	76.9	20.3	38.9	79.4	20.5	39.0	80.4	20.5	39.0	81.3	20.6	39.1	82.8	20.7	39.1	83.7	20.7	39.2		
		150	68.7	16.5	37.7	77.7	19.8	38.1	80.2	20.0	38.2	81.3	20.0	38.2	82.2	20.1	38.3	83.7	20.2	38.3	84.7	20.2	38.3		
	40	80	59.4	17.0	44.6	61.4	17.2	44.7	62.7	17.2	44.8	63.1	17.2	44.8	63.3	17.2	44.8	63.3	17.1	44.8	62.5	16.9	44.7		
		96	63.5	18.6	44.1	65.9	18.8	44.2	67.6	19.0	44.3	68.2	19.0	44.3	68.7	19.0	44.4	69.1	19.0	44.4	68.9	18.8	44.4		
		120	67.4	19.9	43.5	70.0	20.2	43.6	72.1	20.3	43.7	72.8	20.4	43.7	73.5	20.4	43.7	74.3	20.5	43.8	74.6	20.4	43.8		
		150	68.6	19.7	42.8	71.3	19.9	42.9	73.4	20.1	43.0	74.2	20.2	43.0	74.9	20.2	43.0	75.8	20.3	43.1	76.2	20.2	43.1		
	45	80	43.6	11.6	48.3	43.8	11.5	48.3	43.1	11.4	48.3	42.3	11.2	48.2	41.3	11.0	48.1	38.5	10.6	47.9	34.8	10.0	47.7		
		96	47.3	12.6	48.0	48.1	12.6	48.0	47.9	12.5	48.0	47.5	12.4	48.0	46.8	12.3	47.9	44.8	11.9	47.8	41.9	11.5	47.7		
		120	51.5	13.9	47.6	52.8	13.9	47.7	53.2	13.9	47.7	53.1	13.8	47.7	52.8	13.8	47.7	51.6	13.5	47.6	49.5	13.2	47.5		
		150	54.8	15.1	47.2	56.4	15.2	47.3	57.2	15.2	47.3	57.4	15.2	47.3	57.3	15.1	47.3	56.6	15.0	47.3	55.1	14.7	47.2		
120	10	80	63.4	9.59	14.4	75.6	12.7	15.3	87.9	15.2	16.2	89.4	15.3	16.3	90.7	15.4	16.3	92.9	15.5	16.5	94.7	15.6	16.6		
		96	63.4	9.06	13.6	75.6	12.0	14.4	87.9	14.7	15.1	90.8	14.9	15.3	92.1	15.0	15.3	94.3	15.1	15.4	96.2	15.2	15.5		
		120	63.4	8.50	12.9	75.6	11.2	13.5	87.9	14.2	14.1	92.3	14.4	14.2	93.6	14.5	14.3	95.9	14.6	14.4	97.9	14.7	14.5		
		150	63.4	8.13	12.3	75.6	10.7	12.8	87.9	13.7	13.2	93.2	14.1	13.4	94.6	14.1	13.5	96.9	14.3	13.5	98.9	14.3	13.6		
	15	80	63.4	9.92	19.4	75.6	13.1	20.3	86.6	15.7	21.1	87.9	15.8	21.2	89.1	15.9	21.3	91.2	16.0	21.4	92.9	16.0	21.5		
		96	63.4	9.38	18.6	75.6	12.4	19.4	87.9	15.3	20.1	89.2	15.3	20.2	90.4	15.4	20.3	92.6	15.5	20.4	94.4	15.6	20.5		
		120	63.4	8.80	17.9	75.6	11.6	18.5	87.9	14.7	19.1	90.7	14.9	19.2	91.9	14.9	19.3	94.2	15.0	19.3	96.0	15.1	19.4		
		150	63.4	8.42	17.3	75.6	11.1	17.8	87.9	14.2	18.3	91.6	14.5	18.4	92.9	14.6	18.4	95.2	14.7	18.5	97.1	14.8	18.6		
	20	80	63.4	10.3	24.4	75.6	13.7	25.3	84.5	16.2	26.0	85.8	16.2	26.1	87.0	16.3	26.2	89.0	16.4	26.3	90.6	16.5	26.4		
		96	63.4	9.74	23.6	75.6	12.9	24.4	85.8	15.7	25.1	87.1	15.8	25.1	88.3	15.9	25.2	90.4	16.0	25.3	92.1	16.1	25.4		
		120	63.4	9.14	22.9	75.6	12.1	23.5	87.2	15.2	24.1	88.6	15.3	24.1	89.8	15.3	24.2	91.9	15.5	24.3	93.7	15.5	24.3		
		150	63.4	8.75	22.3	75.6	11.6	22.8	87.9	14.8	23.3	89.5	14.9	23.3	90.7	15.0	23.4	92.9	15.1	23.4	94.7	15.2	23.5		
	25	80	63.4	12.1	29.5	75.6	16.1	30.5	82.1	18.0	31.0	83.3	18.1	31.1	84.4	18.1	31.1	86.2	18.2	31.2	87.7	18.3	31.3		
		96	63.4	11.5	28.7	75.6	15.2	29.5	83.3	17.5	30.0	84.6	17.6	30.1	85.7	17.6	30.1	87.6	17.7	30.2	89.2	17.8	30.3		
		120	63.4	10.8	28.0	75.6	14.2	28.6	84.7	16.9	29.0	86.0	17.0	29.1	87.1	17.1	29.1	89.1	17.2	29.2	90.7	17.3	29.3		
		150	63.4	10.3	27.3	75.6	13.6	27.8	85.6	16.5	28.3	86.8	16.6	28.3	88.0	16.6	28.3	90.1	16.8	28.4	91.7	16.9	28.5		
	30	80	63.4	14.4	34.6	75.6	19.1	35.7	79.1	19.8	35.9	80.2	19.9	36.0	81.3	20.0	36.0	83.0	20.1	36.2	84.2	20.1	36.2		
		96	63.4	13.6	33.8	75.6	18.0	34.7	80.3	19.2	35.0	81.5	19.3	35.0	82.5	19.4	35.1	84.3	19.5	35.2	85.6	19.6	35.2		
		120	63.4	12.7	33.0	75.6	16.9	33.7	81.7	18.6	34.0	82.8	18.7	34.0	83.9	18.8	34.1	85.8	18.9	34.2	87.2	19.0	34.2		
		150	63.4	12.2	32.4	75.6	16.1	32.9	82.5	18.2	33.2	83.7	18.3	33.2	84.8	18.3	33.3	86.7	18.5	33.3	88.2	18.5	33.4		
	35	80	63.4	17.1	39.8	73.2	21.4	40.7	75.6	21.6	40.8	76.7	21.7	40.9	77.6	21.8	40.9	79.1	21.9	41.0	80.1	21.9	41.1		
		96	63.4	16.2	39.0	74.4	20.8	39.7	76.8	21.0	39.9	77.9	21.1	39.9	78.8	21.2	40.0	80.4	21.3	40.1	81.5	21.4	40.1		
		120	63.4	15.1	38.1	75.6	20.1	38.8	78.1	20.4	38.9	79.2	20.4	39.0	80.2	20.5	39.0	81.8	20.6	39.1	83.0	20.7	39.1		
		150	63.4	14.5	37.5	75.6	19.3	38.0	78.9	19.9	38.1	80.0	20.0	38.2	81.0	20.0	38.2	82.7	20.1	38.3	84.0	20.2	38.3		
	40	80	58.4	16.9	44.5	60.5	17.1	44.6	62.1	17.2	44.7	62.6	17.2	44.8	61.6	17.2	44.7	62.6	17.2	44.8	63.2	17.2	44.8		
		96	62.4	18.5	44.0	64.8	18.7	44.2	66.7	18.9	44.3	67.5	19.0	44.3	66.1	18.8	44.2	67.4	18.9	44.3	68.4	19.0	44.3		
		120	63.4	18.2	43.2	68.9	20.1	43.5	71.0	20.3	43.6	71.9	20.3	43.7	70.3	20.2	43.6	71.8	20.3	43.7	73.1	20.4	43.7		
		150	63.4	17.4	42.6	70.0	19.8	42.9	72.3	20.0	42.9	73.2	20.1	43.0	71.5	20.0	42.9	73.1	20.1	43.0	74.4	20.2	43.0		
	45	80	43.2	11.6	48.3	43.8	11.6	48.3	43.6	11.5	48.3	43.2	11.4	48.3	43.8	11.5	48.3	43.2	11.4	48.3	42.0	11.2	48.2		
		96	46.7	12.6	48.0	47.8	12.6	48.0	48.1	12.6	48.0	48.0	12.5	48.0	48.1	12.6	48.0	48.0	12.5	48.0	47.3	12.4	48.0		
		120	50.8	13.8	47.6	52.3	13.9	47.6	53.1	13.9	47.7	53.2	13.9	47.7	52.9	13.9	47.7	53.2	13.9	47.7	53.0	13.8	47.7		
		150	53.9	15.0	47.2	55.7	15.2	47.3	56.9	15.2	47.3	57.2	15.2	47.3	56.5	15.2	47.3	57.2	15.2	47.3	57.4	15.2	47.3		

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																						
			14,0			16,0			18,0			19,0			20,0			22,0			24,0				
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.		
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C		
110	10	80	58.1	8.38	14.0	69.3	11.0	14.8	80.5	14.1	15.6	86.1	15.1	16.0	89.0	15.3	16.2	91.2	15.4	16.4	93.2	15.5	16.5		
		96	58.1	7.92	13.3	69.3	10.4	14.0	80.5	13.3	14.7	86.1	14.6	15.0	90.3	14.9	15.2	92.6	15.0	15.4	94.6	15.1	15.5		
		120	58.1	7.44	12.6	69.3	9.77	13.1	80.5	12.4	13.7	86.1	13.9	14.0	91.7	14.4	14.2	94.2	14.5	14.3	96.2	14.6	14.4		
		150	58.1	7.13	12.1	69.3	9.35	12.5	80.5	11.9	12.9	86.1	13.3	13.2	91.7	14.0	13.4	95.1	14.2	13.5	97.2	14.3	13.6		
	15	80	58.1	8.68	19.0	69.3	11.4	19.8	80.5	14.6	20.7	86.1	15.7	21.1	87.4	15.8	21.2	89.6	15.9	21.3	91.5	16.0	21.4		
		96	58.1	8.20	18.3	69.3	10.8	19.0	80.5	13.7	19.7	86.1	15.1	20.0	88.7	15.3	20.2	91.0	15.4	20.3	92.9	15.5	20.4		
		120	58.1	7.70	17.6	69.3	10.1	18.2	80.5	12.9	18.7	86.1	14.4	19.0	90.2	14.8	19.2	92.5	14.9	19.3	94.5	15.0	19.4		
		150	58.1	7.37	17.1	69.3	9.68	17.5	80.5	12.3	18.0	86.1	13.7	18.2	91.1	14.5	18.4	93.4	14.6	18.4	95.5	14.7	18.5		
	20	80	58.1	9.01	24.0	69.3	11.9	24.8	80.5	15.1	25.7	84.2	16.1	26.0	85.4	16.2	26.1	87.5	16.3	26.2	89.2	16.4	26.3		
		96	58.1	8.52	23.3	69.3	11.2	24.0	80.5	14.3	24.7	85.5	15.7	25.0	86.7	15.8	25.1	88.8	15.9	25.2	90.7	16.0	25.3		
		120	58.1	8.00	22.6	69.3	10.5	23.2	80.5	13.4	23.7	86.1	14.9	24.0	88.1	15.2	24.1	90.3	15.4	24.2	92.2	15.5	24.3		
		150	58.1	7.66	22.1	69.3	10.1	22.5	80.5	12.8	23.0	86.1	14.3	23.2	89.0	14.9	23.3	91.2	15.0	23.4	93.2	15.1	23.4		
	25	80	58.1	10.6	29.1	69.3	14.0	30.0	80.5	17.8	30.9	81.7	17.9	31.0	82.8	18.0	31.0	84.8	18.2	31.2	86.5	18.3	31.3		
		96	58.1	10.0	28.4	69.3	13.2	29.1	80.5	16.9	29.8	83.0	17.4	30.0	84.1	17.5	30.1	86.2	17.7	30.2	87.9	17.8	30.3		
		120	58.1	9.40	27.7	69.3	12.4	28.3	80.5	15.8	28.8	84.3	16.9	29.0	85.5	17.0	29.1	87.6	17.1	29.2	89.4	17.2	29.2		
		150	58.1	9.00	27.1	69.3	11.8	27.6	80.5	15.1	28.0	85.2	16.5	28.2	86.4	16.5	28.3	88.5	16.7	28.4	90.4	16.8	28.4		
	30	80	58.1	12.5	34.2	69.3	16.6	35.1	77.6	19.7	35.8	78.8	19.8	35.9	79.8	19.8	36.0	81.7	20.0	36.1	83.2	20.1	36.2		
		96	58.1	11.8	33.5	69.3	15.6	34.2	78.8	19.1	34.9	80.0	19.2	34.9	81.1	19.3	35.0	83.0	19.4	35.1	84.5	19.5	35.2		
		120	58.1	11.1	32.8	69.3	14.7	33.3	80.1	18.5	33.9	81.3	18.6	34.0	82.4	18.7	34.0	84.4	18.8	34.1	86.0	18.9	34.2		
		150	58.1	10.6	32.2	69.3	14.0	32.7	80.5	17.9	33.1	82.1	18.1	33.2	83.3	18.2	33.2	85.3	18.4	33.3	86.9	18.5	33.4		
	35	80	58.1	14.9	39.4	69.3	19.8	40.3	74.3	21.5	40.7	75.3	21.6	40.8	76.3	21.7	40.9	78.0	21.8	41.0	79.2	21.9	41.0		
		96	58.1	14.1	38.6	69.3	18.7	39.4	75.4	20.9	39.8	76.5	21.0	39.9	77.5	21.1	39.9	79.2	21.2	40.0	80.6	21.3	40.1		
		120	58.1	13.2	37.8	69.3	17.5	38.5	76.6	20.2	38.9	77.8	20.3	38.9	78.8	20.4	39.0	80.6	20.6	39.0	82.0	20.6	39.1		
		150	58.1	12.6	37.3	69.3	16.7	37.7	77.4	19.7	38.1	78.6	19.8	38.1	79.6	19.9	38.2	81.5	20.1	38.2	82.9	20.2	38.3		
	40	80	57.3	16.8	44.4	59.5	17.0	44.6	61.2	17.1	44.7	61.9	17.2	44.7	62.4	17.2	44.8	63.2	17.2	44.8	63.4	17.2	44.8		
		96	58.1	16.6	43.7	63.7	18.6	44.1	65.7	18.8	44.2	66.5	18.9	44.2	67.2	18.9	44.3	68.3	19.0	44.3	68.9	19.0	44.4		
		120	58.1	15.8	42.9	67.6	19.9	43.5	69.8	20.2	43.6	70.7	20.2	43.6	71.6	20.3	43.7	73.0	20.4	43.7	73.9	20.5	43.8		
		150	58.1	15.1	42.3	68.7	19.7	42.8	71.0	19.9	42.9	72.0	20.0	42.9	72.9	20.1	43.0	74.3	20.2	43.0	75.4	20.2	43.0		
	45	80	42.6	11.6	48.2	43.6	11.6	48.3	43.8	11.6	48.3	43.7	11.5	48.3	43.4	11.4	48.3	42.2	11.2	48.2	40.2	10.9	48.1		
		96	46.0	12.5	47.9	47.4	12.6	48.0	48.0	12.6	48.0	48.1	12.6	48.0	48.0	12.5	48.0	47.4	12.4	48.0	46.1	12.1	47.9		
		120	49.9	13.7	47.5	51.6	13.9	47.6	52.7	13.9	47.7	53.0	13.9	47.7	53.2	13.9	47.7	53.1	13.8	47.7	52.4	13.7	47.6		
		150	53.0	14.9	47.2	54.9	15.1	47.2	56.3	15.2	47.3	56.8	15.2	47.3	57.1	15.2	47.3	57.4	15.2	47.3	57.1	15.1	47.3		
100	10	80	52.8	7.26	13.6	63.0	9.50	14.3	73.2	12.0	15.1	78.3	13.4	15.5	83.4	14.9	15.9	89.4	15.3	16.3	91.4	15.4	16.4		
		96	52.8	6.87	13.0	63.0	8.97	13.6	73.2	11.4	14.2	78.3	12.7	14.5	83.4	14.1	14.8	90.7	14.9	15.3	92.8	15.0	15.4		
		120	52.8	6.46	12.4	63.0	8.42	12.8	73.2	10.7	13.3	78.3	11.9	13.6	83.4	13.2	13.8	92.2	14.4	14.2	94.3	14.5	14.3		
		150	52.8	6.19	11.9	63.0	8.06	12.3	73.2	10.2	12.7	78.3	11.4	12.9	83.4	12.6	13.1	93.1	14.1	13.4	95.3	14.2	13.5		
	15	80	52.8	7.51	18.6	63.0	9.83	19.4	73.2	12.5	20.1	78.3	13.9	20.5	83.4	15.4	20.9	87.8	15.8	21.2	89.7	15.9	21.3		
		96	52.8	7.11	18.0	63.0	9.29	18.6	73.2	11.8	19.2	78.3	13.1	19.6	83.4	14.6	19.9	89.1	15.3	20.2	91.1	15.5	20.3		
		120	52.8	6.68	17.4	63.0	8.71	17.9	73.2	11.0	18.4	78.3	12.3	18.6	83.4	13.6	18.9	90.6	14.8	19.2	92.6	15.0	19.3		
		150	52.8	6.40	16.9	63.0	8.34	17.3	73.2	10.5	17.7	78.3	11.8	17.9	83.4	13.0	18.1	91.5	14.5	18.4	93.6	14.6	18.4		
	20	80	52.8	7.80	23.6	63.0	10.2	24.4	73.2	13.0	25.1	78.3	14.5	25.5	83.4	16.1	25.9	85.7	16.2	26.1	87.6	16.3	26.2		
		96	52.8	7.38	23.0	63.0	9.65	23.6	73.2	12.2	24.3	78.3	13.6	24.6	83.4	15.1	24.9	87.0	15.8	25.1	89.0	15.9	25.2		
		120	52.8	6.94	22.4	63.0	9.05	22.9	73.2	11.5	23.4	78.3	12.8	23.6	83.4	14.2	23.9	88.5	15.3	24.1	90.5	15.4	24.2		
		150	52.8	6.65	21.9	63.0	8.67	22.3	73.2	11.0	22.7	78.3	12.2	22.9	83.4	13.5	23.1	89.4	14.9	23.3	91.4	15.0	23.4		
	25	80	52.8	9.16	28.7	63.0	12.0	29.5	73.2	15.3	30.3	78.3	17.1	30.7	81.1	17.9	30.9	83.2	18.0	31.0	85.0	18.2	31.2		
		96	52.8	8.66	28.1	63.0	11.4	28.7	73.2	14.4	29.4	78.3	16.1	29.7	82.4	17.4	30.0	84.5	17.5	30.1	86.3	17.7	30.2		
		120	52.8	8.14	27.4	63.0	10.6	27.9	73.2	13.5	28.5	78.3	15.1	28.7	83.4	16.7	29.0	85.9	17.0	29.1	87.8	17.1	29.2		
		150	52.8	7.80	26.9	63.0	10.2	27.3	73.2	12.9	27.7	78.3	14.4	28.0	83.4	16.0	28.2	86.8	16.6	28.3	88.7	16.7	28.4		
	30	80	52.8	10.8	33.8	63.0	14.2	34.6	73.2	18.1	35.5	77.1	19.6	35.8	78.2	19.7	35.8	80.2	19.9	36.0	81.8	20.0	36.1		
		96	52.8	10.2	33.1	63.0	13.4	33.8	73.2	17.1	34.5	78.3	19.1	34.8	79.4	19.2	34.9	81.4	19.3	35.0	83.1	19.5	35.1		
		120	52.8	9.58	32.5	63.0	12.6	33.0	73.2	16.0	33.6	78.3	17.9	33.8	80.7	18.5	34.0	82.8	18.7	34.0	84.5	18.8	34.1		
		150	52.8	9.18	32.0	63.0	12.0	32.4	73.2	15.3	32.8	78.3	17.1	33.0	81.5	18.1	33.2	83.6	18.3	33.2	85.4	18.4	33.3		
	35	80	52.8	12.8	38.9	63.0	17.0	39.8	72.7	21.3	40.6	73.8	21.5	40.7	74.8	21.6	40.8	76.6	21.7	40.9	78.1	21.8	41.0		
		96	52.8	12.1	38.2	63.0	16.0	38.9	73.2	20.4	39.7	74.9	20.9	39.8	76.0	21.0	39.8	77.8	21.1	39.9	79.3	21.2	40.0		
		120	52.8	11.4	37.6	63.0	15.0	38.1	73.2	19.1	38.7	76.2	20.2	38.8	77.2	20.3	38.9	79.1	20.4	39.0	80.7	20.6	39.0		
		150	52.8	10.9	37.0	63.0	14.3	37.5	73.2	18.3	37.9	76.9	19.7	38.1	78.0	19.8	38.1	80.0	19.9	38.2	81.6	20.1	38.2		
	40	80	52.8	14.8	44.0	58.3	16.9	44.5	60.1	17.1	44.6	60.9	17.1	44.7	61.6	17.2	44.7	62.6	17.2	44.8	63.2	17.2	44.8		
		96	52.8	14.2	43.3	62.3	18.5	44.0	64.4	18.7	44.1	65.3	18.8	44.2	66.1	18.8	44.2	67.4	18.9	44.3	68.4	19.0	44.3		
		120	52.8	13.5	42.6	63.0	18.0	43.2	68.4	20.0	43.5	69.4	20.1	43.6	70.3	20.2	43.6	71.8	20.3	43.7	73.1	20.4	43.7		
		150	52.8	13.0	42.1	63.0	17.2	42.6	69.5	19.8	42.8	70.6	19.9	42.9	71.5	20.0	42.9	73.1	20.1	43.0	74.4	20.2	43.0		
	45	80	41.9	11.5	48.2	43.1	11.6	48.3	43.8	11.6	48.3	43.8	11.6	48.3	43.8	11.5	48.3	43.2	11.4	48.3	42.0	11.2	48.2		
		96	45.2	12.4	47.9	46.7	12.6	47.9	47.7	12.6	48.0	47.9	12.6	48.0	48.1	12.6	48.0	48.0	12.5	48.0	47.3	12.4	48.0		
		120	48.9	13.7	47.5	50.7	13.8	47.6	52.0	13.9	47.6	52.5	13.9	47.6	52.9	13.9	47.7	53.2	13.9	47.7	53.0	13.8	47.7		
		150	51.9	14.8	47.1	53.9	15.0	47.2	55.4	15.1	47.2	56.0	15.2	47.3	56.5	15.2	47.3	57.2	15.2	47.3	57.4	15.2	47.3		

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																						
			14,0			16,0			18,0			19,0			20,0			22,0			24,0				
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.		
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C		
90	10	80	47.6	6.22	13.2	56.7	8.08	13.9	65.9	10.2	14.5	70.5	11.3	14.9	75.1	12.5	15.2	84.2	15.0	15.9	89.3	15.3	16.3		
		96	47.6	5.89	12.7	56.7	7.64	13.2	65.9	9.62	13.8	70.5	10.7	14.0	75.1	11.8	14.3	84.2	14.3	14.9	90.7	14.9	15.3		
		120	47.6	5.54	12.1	56.7	7.17	12.5	65.9	9.02	13.0	70.5	10.0	13.2	75.1	11.1	13.4	84.2	13.4	13.9	92.2	14.4	14.2		
		150	47.6	5.32	11.7	56.7	6.87	12.0	65.9	8.63	12.4	70.5	9.59	12.6	75.1	10.6	12.7	84.2	12.8	13.1	93.1	14.1	13.4		
	15	80	47.6	6.44	18.2	56.7	8.36	18.9	65.9	10.5	19.6	70.5	11.7	19.9	75.1	13.0	20.3	84.2	15.5	21.0	87.7	15.8	21.2		
		96	47.6	6.10	17.7	56.7	7.90	18.2	65.9	9.95	18.8	70.5	11.1	19.1	75.1	12.3	19.3	84.2	14.8	19.9	89.1	15.3	20.2		
		120	47.6	5.74	17.1	56.7	7.42	17.6	65.9	9.33	18.0	70.5	10.4	18.2	75.1	11.5	18.4	84.2	13.8	18.9	90.5	14.8	19.2		
		150	47.6	5.50	16.7	56.7	7.11	17.0	65.9	8.93	17.4	70.5	9.93	17.6	75.1	11.0	17.7	84.2	13.2	18.1	91.5	14.5	18.4		
	20	80	47.6	6.69	23.2	56.7	8.68	23.9	65.9	11.0	24.6	70.5	12.2	24.9	75.1	13.5	25.3	83.7	16.1	26.0	85.7	16.2	26.1		
		96	47.6	6.33	22.7	56.7	8.21	23.2	65.9	10.3	23.8	70.5	11.5	24.1	75.1	12.7	24.4	84.2	15.4	25.0	87.0	15.8	25.1		
		120	47.6	5.96	22.1	56.7	7.71	22.6	65.9	9.70	23.0	70.5	10.8	23.2	75.1	11.9	23.5	84.2	14.4	23.9	88.4	15.3	24.1		
		150	47.6	5.71	21.7	56.7	7.38	22.0	65.9	9.28	22.4	70.5	10.3	22.6	75.1	11.4	22.8	84.2	13.8	23.1	89.3	14.9	23.3		
	25	80	47.6	7.84	28.3	56.7	10.2	29.0	65.9	12.9	29.7	70.5	14.4	30.1	75.1	15.9	30.4	81.3	17.9	30.9	83.2	18.0	31.0		
		96	47.6	7.42	27.7	56.7	9.65	28.3	65.9	12.2	28.9	70.5	13.6	29.2	75.1	15.0	29.5	82.5	17.4	30.0	84.4	17.5	30.1		
		120	47.6	6.97	27.2	56.7	9.05	27.6	65.9	11.4	28.1	70.5	12.7	28.3	75.1	14.1	28.5	83.9	16.8	29.0	85.8	17.0	29.1		
		150	47.6	6.69	26.7	56.7	8.67	27.1	65.9	10.9	27.4	70.5	12.2	27.6	75.1	13.5	27.8	84.2	16.3	28.2	86.7	16.6	28.3		
	30	80	47.6	9.22	33.4	56.7	12.0	34.1	65.9	15.3	34.8	70.5	17.0	35.2	75.1	18.9	35.6	78.4	19.7	35.9	80.1	19.9	36.0		
		96	47.6	8.72	32.8	56.7	11.4	33.4	65.9	14.4	34.0	70.5	16.1	34.3	75.1	17.8	34.6	79.6	19.2	34.9	81.4	19.3	35.0		
		120	47.6	8.19	32.2	56.7	10.7	32.7	65.9	13.5	33.2	70.5	15.0	33.4	75.1	16.7	33.7	80.9	18.6	34.0	82.7	18.7	34.0		
		150	47.6	7.85	31.8	56.7	10.2	32.1	65.9	12.9	32.5	70.5	14.4	32.7	75.1	15.9	32.9	81.7	18.1	33.2	83.6	18.2	33.2		
	35	80	47.6	10.9	38.5	56.7	14.3	39.2	65.9	18.2	40.0	70.5	20.4	40.4	73.1	21.4	40.6	75.0	21.6	40.8	76.6	21.7	40.9		
		96	47.6	10.3	37.9	56.7	13.5	38.5	65.9	17.2	39.1	70.5	19.2	39.5	74.2	20.8	39.7	76.1	21.0	39.8	77.8	21.1	39.9		
		120	47.6	9.70	37.3	56.7	12.7	37.8	65.9	16.1	38.3	70.5	18.0	38.5	75.1	19.9	38.8	77.4	20.3	38.9	79.1	20.4	39.0		
		150	47.6	9.30	36.8	56.7	12.2	37.2	65.9	15.4	37.6	70.5	17.2	37.8	75.1	19.1	38.0	78.2	19.8	38.1	79.9	19.9	38.2		
	40	80	47.6	12.5	43.6	56.7	16.6	44.4	58.9	16.9	44.5	59.7	17.0	44.6	60.4	17.1	44.6	61.7	17.2	44.7	62.6	17.2	44.8		
		96	47.6	12.0	43.0	56.7	15.9	43.6	63.0	18.6	44.1	63.9	18.6	44.1	64.7	18.7	44.2	66.2	18.9	44.2	67.4	18.9	44.3		
		120	47.6	11.5	42.4	56.7	15.2	42.9	65.9	19.3	43.4	67.8	20.0	43.5	68.8	20.1	43.5	70.4	20.2	43.6	71.8	20.3	43.7		
		150	47.6	11.0	41.9	56.7	14.5	42.3	65.9	18.5	42.7	69.0	19.7	42.8	69.9	19.8	42.9	71.7	20.0	42.9	73.1	20.1	43.0		
	45	80	41.1	11.4	48.1	42.5	11.5	48.2	43.4	11.6	48.3	43.7	11.6	48.3	43.8	11.6	48.3	43.8	11.5	48.3	43.2	11.4	48.3		
		96	44.2	12.4	47.8	45.8	12.5	47.9	47.0	12.6	48.0	47.5	12.6	48.0	47.8	12.6	48.0	48.1	12.6	48.0	48.0	12.5	48.0		
		120	47.6	13.4	47.4	49.7	13.7	47.5	51.1	13.8	47.6	51.7	13.9	47.6	52.2	13.9	47.6	52.9	13.9	47.7	53.2	13.9	47.7		
		150	47.6	13.0	46.9	52.7	14.9	47.2	54.4	15.1	47.2	55.1	15.1	47.2	55.7	15.2	47.3	56.6	15.2	47.3	57.2	15.2	47.3		
80	10	80	42.3	5.27	12.8	50.4	6.78	13.4	58.6	8.48	14.0	62.6	9.41	14.3	66.7	10.4	14.6	74.9	12.5	15.2	83.0	14.8	15.8		
		96	42.3	5.00	12.4	50.4	6.41	12.8	58.6	8.02	13.3	62.6	8.89	13.6	66.7	9.80	13.8	74.9	11.8	14.3	83.0	13.9	14.8		
		120	42.3	4.71	11.9	50.4	6.03	12.2	58.6	7.52	12.6	62.6	8.34	12.8	66.7	9.19	13.0	74.9	11.0	13.4	83.0	13.1	13.8		
		150	42.3	4.52	11.5	50.4	5.78	11.8	58.6	7.21	12.1	62.6	7.98	12.2	66.7	8.80	12.4	74.9	10.6	12.7	83.0	12.5	13.0		
	15	80	42.3	5.45	17.9	50.4	7.01	18.4	58.6	8.78	19.0	62.6	9.74	19.3	66.7	10.7	19.6	74.9	12.9	20.2	83.0	15.3	20.9		
		96	42.3	5.17	17.4	50.4	6.64	17.8	58.6	8.30	18.3	62.6	9.20	18.6	66.7	10.2	18.8	74.9	12.2	19.3	83.0	14.4	19.8		
		120	42.3	4.87	16.9	50.4	6.24	17.3	58.6	7.79	17.6	62.6	8.63	17.8	66.7	9.52	18.0	74.9	11.4	18.4	83.0	13.5	18.8		
		150	42.3	4.67	16.5	50.4	5.98	16.8	58.6	7.46	17.1	62.6	8.26	17.3	66.7	9.11	17.4	74.9	10.9	17.7	83.0	12.9	18.1		
	20	80	42.3	5.66	22.9	50.4	7.28	23.4	58.6	9.12	24.0	62.6	10.1	24.3	66.7	11.2	24.7	74.9	13.4	25.3	83.0	15.9	25.9		
		96	42.3	5.37	22.4	50.4	6.89	22.9	58.6	8.62	23.3	62.6	9.56	23.6	66.7	10.5	23.8	74.9	12.7	24.4	83.0	15.0	24.9		
		120	42.3	5.05	21.9	50.4	6.48	22.3	58.6	8.09	22.7	62.6	8.97	22.9	66.7	9.89	23.0	74.9	11.9	23.5	83.0	14.1	23.9		
		150	42.3	4.85	21.5	50.4	6.21	21.8	58.6	7.75	22.1	62.6	8.58	22.3	66.7	9.47	22.4	74.9	11.4	22.7	83.0	13.4	23.1		
	25	80	42.3	6.62	27.9	50.4	8.54	28.5	58.6	10.7	29.1	62.6	11.9	29.5	66.7	13.2	29.8	74.9	15.9	30.4	81.0	17.9	30.9		
		96	42.3	6.27	27.4	50.4	8.08	27.9	58.6	10.1	28.4	62.6	11.2	28.7	66.7	12.4	28.9	74.9	15.0	29.5	82.3	17.4	30.0		
		120	42.3	5.90	26.9	50.4	7.59	27.3	58.6	9.51	27.7	62.6	10.5	27.9	66.7	11.6	28.1	74.9	14.0	28.5	83.0	16.6	29.0		
		150	42.3	5.66	26.5	50.4	7.28	26.8	58.6	9.10	27.2	62.6	10.1	27.3	66.7	11.1	27.5	74.9	13.4	27.8	83.0	15.9	28.1		
	30	80	42.3	7.77	33.0	50.4	10.1	33.6	58.6	12.7	34.3	62.6	14.1	34.6	66.7	15.6	34.9	74.9	18.8	35.6	78.1	19.7	35.8		
		96	42.3	7.36	32.5	50.4	9.51	33.0	58.6	12.0	33.5	62.6	13.3	33.8	66.7	14.7	34.1	74.9	17.7	34.6	79.3	19.2	34.9		
		120	42.3	6.92	32.0	50.4	8.93	32.4	58.6	11.2	32.8	62.6	12.5	33.0	66.7	13.8	33.2	74.9	16.6	33.6	80.6	18.5	33.9		
		150	42.3	6.64	31.6	50.4	8.56	31.9	58.6	10.7	32.2	62.6	11.9	32.4	66.7	13.2	32.5	74.9	15.9	32.9	81.5	18.1	33.2		
	35	80	42.3	9.18	38.1	50.4	11.9	38.7	58.6	15.1	39.4	62.6	16.8	39.7	66.7	18.6	40.1	73.1	21.4	40.6	74.8	21.5	40.8		
		96	42.3	8.69	37.5	50.4	11.3	38.1	58.6	14.2	38.6	62.6	15.8	38.9	66.7	17.5	39.2	74.2	20.8	39.7	75.9	21.0	39.8		
		120	42.3	8.17	37.0	50.4	10.6	37.4	58.6	13.3	37.9	62.6	14.9	38.1	66.7	16.4	38.3	74.9	19.9	38.8	77.2	20.3	38.9		
		150	42.3	7.83	36.6	50.4	10.1	36.9	58.6	12.8	37.3	62.6	14.2	37.4	66.7	15.7	37.6	74.9	19.0	38.0	77.9	19.8	38.1		
	40	80	42.3	10.4	43.1	50.4	13.7	43.8	57.4	16.8	44.4	58.2	16.9	44.5	59.0	17.0	44.5	60.4	17.1	44.6	61.5	17.2	44.7		
		96	42.3	10.0	42.6	50.4	13.2	43.2	58.6	16.8	43.7	62.3	18.5	44.0	63.1	18.6	44.1	64.7	18.7	44.2	66.0	18.8	44.2		
		120	42.3	9.61	42.1	50.4	12.6	42.5	58.6	16.0	43.0	62.6	17.8	43.2	66.7	19.8	43.4	68.7	20.1	43.5	70.2	20.2	43.6		
		150	42.3	9.21	41.6	50.4	12.0	42.0	58.6	15.3	42.4	62.6	17.0	42.5	66.7	18.9	42.7	69.9	19.8	42.9	71.4	20.0	42.9		
	45	80	40.0	11.3	48.1	41.6	11.5	48.2	42.7	11.6	48.2	43.1	11.6	48.3	43.4	11.6	48.3	43.8	11.6	48.3	43.8	11.5	48.3		
		96	42.3	11.8	47.7	44.7	12.4	47.8	46.1	12.5	47.9	46.6	12.6	47.9	47.1	12.6	48.0	47.8	12.6	48.0	48.1	12.6	48.0		
		120	42.3	11.1	47.1	48.4	13.6	47.5	50.0	13.7	47.5	50.7	13.8	47.6	51.2	13.9	47.6	52.2	13.9	47.6	52.8	13.9	47.7		
		150	42.3	10.7	46.7	50.4	14.3	47.1	53.1	14.9	47.2	53.8	15.0	47.2	54.5	15.1	47.2	55.6	15.2	47.3	56.5	15.2	47.3		

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																					
			14,0			16,0			18,0			19,0			20,0			22,0			24,0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
70	10	80	37.0	4.40	12.5	44.1	5.60	13.0	51.2	6.94	13.5	54.8	7.67	13.7	58.4	8.44	14.0	65.5	10.1	14.5	72.6	11.9	15.0
		96	37.0	4.18	12.0	44.1	5.30	12.5	51.2	6.57	12.9	54.8	7.25	13.1	58.4	7.97	13.3	65.5	9.53	13.7	72.6	11.2	14.2
		120	37.0	3.94	11.6	44.1	4.99	12.0	51.2	6.17	12.3	54.8	6.81	12.5	58.4	7.49	12.6	65.5	8.94	13.0	72.6	10.5	13.3
		150	37.0	3.79	11.3	44.1	4.79	11.6	51.2	5.92	11.8	54.8	6.53	12.0	58.4	7.17	12.1	65.5	8.55	12.4	72.6	10.1	12.6
	15	80	37.0	4.56	17.5	44.1	5.79	18.0	51.2	7.18	18.5	54.8	7.94	18.7	58.4	8.73	19.0	65.5	10.4	19.5	72.6	12.3	20.1
		96	37.0	4.32	17.1	44.1	5.49	17.5	51.2	6.79	17.9	54.8	7.51	18.1	58.4	8.25	18.3	65.5	9.86	18.8	72.6	11.6	19.2
		120	37.0	4.08	16.6	44.1	5.16	17.0	51.2	6.39	17.3	54.8	7.05	17.5	58.4	7.75	17.6	65.5	9.25	18.0	72.6	10.9	18.3
		150	37.0	3.92	16.3	44.1	4.95	16.6	51.2	6.12	16.8	54.8	6.75	17.0	58.4	7.42	17.1	65.5	8.85	17.4	72.6	10.4	17.6
	20	80	37.0	4.73	22.5	44.1	6.01	23.0	51.2	7.46	23.5	54.8	8.24	23.8	58.4	9.07	24.0	65.5	10.9	24.6	72.6	12.8	25.1
		96	37.0	4.49	22.1	44.1	5.69	22.5	51.2	7.06	22.9	54.8	7.80	23.1	58.4	8.57	23.3	65.5	10.2	23.8	72.6	12.1	24.2
		120	37.0	4.23	21.6	44.1	5.36	22.0	51.2	6.63	22.3	54.8	7.32	22.5	58.4	8.05	22.6	65.5	9.61	23.0	72.6	11.3	23.3
		150	37.0	4.06	21.3	44.1	5.14	21.6	51.2	6.36	21.8	54.8	7.01	22.0	58.4	7.71	22.1	65.5	9.20	22.4	72.6	10.8	22.7
	25	80	37.0	5.51	27.5	44.1	7.03	28.1	51.2	8.75	28.6	54.8	9.68	28.9	58.4	10.7	29.1	65.5	12.8	29.7	72.6	15.1	30.2
		96	37.0	5.23	27.1	44.1	6.66	27.5	51.2	8.28	28.0	54.8	9.15	28.2	58.4	10.1	28.4	65.5	12.1	28.9	72.6	14.2	29.3
		120	37.0	4.93	26.7	44.1	6.27	27.0	51.2	7.78	27.3	54.8	8.60	27.5	58.4	9.46	27.7	65.5	11.3	28.1	72.6	13.3	28.4
		150	37.0	4.73	26.3	44.1	6.01	26.6	51.2	7.45	26.9	54.8	8.23	27.0	58.4	9.06	27.1	65.5	10.8	27.4	72.6	12.8	27.7
	30	80	37.0	6.45	32.6	44.1	8.26	33.1	51.2	10.3	33.7	54.8	11.4	34.0	58.4	12.6	34.2	65.5	15.1	34.8	72.6	17.9	35.4
		96	37.0	6.11	32.1	44.1	7.82	32.6	51.2	9.75	33.0	54.8	10.8	33.3	58.4	11.9	33.5	65.5	14.3	34.0	72.6	16.9	34.5
		120	37.0	5.76	31.7	44.1	7.35	32.0	51.2	9.15	32.4	54.8	10.1	32.6	58.4	11.2	32.8	65.5	13.4	33.1	72.6	15.8	33.5
		150	37.0	5.53	31.4	44.1	7.05	31.6	51.2	8.77	31.9	54.8	9.70	32.1	58.4	10.7	32.2	65.5	12.8	32.5	72.6	15.1	32.8
	35	80	37.0	7.59	37.7	44.1	9.77	38.2	51.2	12.2	38.8	54.8	13.6	39.1	58.4	15.0	39.4	65.5	18.1	40.0	72.6	21.3	40.6
		96	37.0	7.19	37.2	44.1	9.24	37.7	51.2	11.6	38.1	54.8	12.8	38.4	58.4	14.2	38.6	65.5	17.0	39.1	72.6	20.2	39.6
		120	37.0	6.77	36.7	44.1	8.69	37.1	51.2	10.9	37.5	54.8	12.0	37.7	58.4	13.3	37.9	65.5	16.0	38.2	72.6	18.9	38.6
		150	37.0	6.50	36.4	44.1	8.33	36.7	51.2	10.4	37.0	54.8	11.5	37.1	58.4	12.7	37.3	65.5	15.3	37.6	72.6	18.1	37.9
	40	80	37.0	8.45	42.7	44.1	11.1	43.3	51.2	14.1	43.9	54.8	15.7	44.2	57.3	16.8	44.4	58.8	16.9	44.5	60.0	17.0	44.6
		96	37.0	8.20	42.2	44.1	10.7	42.7	51.2	13.5	43.2	54.8	15.1	43.5	58.4	16.7	43.7	62.9	18.5	44.1	64.3	18.7	44.1
		120	37.0	7.91	41.8	44.1	10.2	42.2	51.2	12.9	42.6	54.8	14.3	42.8	58.4	15.9	43.0	65.5	19.2	43.4	68.3	20.0	43.5
		150	37.0	7.59	41.4	44.1	9.82	41.7	51.2	12.3	42.0	54.8	13.7	42.2	58.4	15.2	42.3	65.5	18.3	42.7	69.4	19.8	42.8
	45	80	37.0	10.2	47.8	40.4	11.4	48.1	41.7	11.5	48.2	42.2	11.5	48.2	42.7	11.6	48.2	43.3	11.6	48.3	43.7	11.6	48.3
		96	37.0	9.51	47.3	43.4	12.3	47.8	44.9	12.4	47.9	45.5	12.5	47.9	46.1	12.5	47.9	47.0	12.6	48.0	47.6	12.6	48.0
		120	37.0	8.95	46.8	44.1	11.9	47.2	48.6	13.6	47.5	49.3	13.7	47.5	49.9	13.7	47.5	51.1	13.8	47.6	52.0	13.9	47.6
		150	37.0	8.69	46.5	44.1	11.5	46.8	51.2	14.7	47.1	52.3	14.9	47.1	53.0	14.9	47.2	54.3	15.1	47.2	55.4	15.1	47.2
60	10	80	31.7	3.62	12.1	37.8	4.53	12.5	43.9	5.56	13.0	47.0	6.12	13.2	50.0	6.70	13.4	56.1	7.95	13.8	62.3	9.32	14.3
		96	31.7	3.44	11.7	37.8	4.30	12.1	43.9	5.27	12.4	47.0	5.79	12.6	50.0	6.34	12.8	56.1	7.52	13.2	62.3	8.80	13.5
		120	31.7	3.25	11.4	37.8	4.06	11.7	43.9	4.96	11.9	47.0	5.45	12.1	50.0	5.96	12.2	56.1	7.06	12.5	62.3	8.26	12.8
		150	31.7	3.13	11.1	37.8	3.90	11.3	43.9	4.76	11.6	47.0	5.23	11.7	50.0	5.72	11.8	56.1	6.76	12.0	62.3	7.91	12.2
	15	80	31.7	3.74	17.1	37.8	4.69	17.5	43.9	5.75	18.0	47.0	6.33	18.2	50.0	6.93	18.4	56.1	8.23	18.8	62.3	9.64	19.3
		96	31.7	3.56	16.8	37.8	4.45	17.1	43.9	5.45	17.5	47.0	5.99	17.6	50.0	6.56	17.8	56.1	7.78	18.2	62.3	9.11	18.6
		120	31.7	3.36	16.4	37.8	4.20	16.7	43.9	5.13	17.0	47.0	5.64	17.1	50.0	6.17	17.2	56.1	7.31	17.5	62.3	8.55	17.8
		150	31.7	3.23	16.1	37.8	4.03	16.3	43.9	4.92	16.6	47.0	5.41	16.7	50.0	5.91	16.8	56.1	7.00	17.0	62.3	8.18	17.2
	20	80	31.7	3.88	22.1	37.8	4.87	22.5	43.9	5.97	23.0	47.0	6.57	23.2	50.0	7.20	23.4	56.1	8.55	23.9	62.3	10.0	24.3
		96	31.7	3.69	21.8	37.8	4.62	22.1	43.9	5.66	22.5	47.0	6.22	22.6	50.0	6.81	22.8	56.1	8.08	23.2	62.3	9.47	23.6
		120	31.7	3.49	21.4	37.8	4.35	21.7	43.9	5.33	22.0	47.0	5.85	22.1	50.0	6.40	22.2	56.1	7.59	22.5	62.3	8.88	22.8
		150	31.7	3.35	21.1	37.8	4.18	21.3	43.9	5.11	21.6	47.0	5.61	21.7	50.0	6.14	21.8	56.1	7.27	22.0	62.3	8.50	22.3
	25	80	31.7	4.51	27.2	37.8	5.68	27.6	43.9	6.99	28.0	47.0	7.70	28.3	50.0	8.44	28.5	56.1	10.0	29.0	62.3	11.8	29.4
		96	31.7	4.29	26.8	37.8	5.39	27.2	43.9	6.62	27.5	47.0	7.29	27.7	50.0	7.99	27.9	56.1	9.49	28.3	62.3	11.1	28.7
		120	31.7	4.05	26.4	37.8	5.08	26.7	43.9	6.23	27.0	47.0	6.85	27.1	50.0	7.51	27.3	56.1	8.91	27.6	62.3	10.4	27.9
		150	31.7	3.89	26.1	37.8	4.87	26.4	43.9	5.97	26.6	47.0	6.57	26.7	50.0	7.19	26.8	56.1	8.54	27.1	62.3	10.00	27.3
	30	80	31.7	5.26	32.2	37.8	6.64	32.7	43.9	8.20	33.1	47.0	9.05	33.3	50.0	9.94	33.6	56.1	11.9	34.1	62.3	13.9	34.6
		96	31.7	4.99	31.8	37.8	6.30	32.2	43.9	7.77	32.6	47.0	8.56	32.8	50.0	9.40	33.0	56.1	11.2	33.4	62.3	13.2	33.8
		120	31.7	4.71	31.5	37.8	5.93	31.7	43.9	7.31	32.0	47.0	8.05	32.2	50.0	8.83	32.3	56.1	10.5	32.7	62.3	12.3	33.0
		150	31.7	4.53	31.2	37.8	5.69	31.4	43.9	7.00	31.6	47.0	7.71	31.7	50.0	8.46	31.9	56.1	10.1	32.1	62.3	11.8	32.4
	35	80	31.7	6.16	37.3	37.8	7.83	37.7	43.9	9.70	38.2	47.0	10.7	38.4	50.0	11.8	38.7	56.1	14.1	39.2	62.3	16.6	39.7
		96	31.7	5.85	36.9	37.8	7.42	37.3	43.9	9.18	37.6	47.0	10.1	37.8	50.0	11.2	38.0	56.1	13.3	38.5	62.3	15.7	38.9
		120	31.7	5.52	36.5	37.8	6.98	36.8	43.9	8.63	37.1	47.0	9.53	37.2	50.0	10.5	37.4	56.1	12.5	37.7	62.3	14.7	38.1
		150	31.7	5.30	36.2	37.8	6.70	36.4	43.9	8.27	36.7	47.0	9.13	36.8	50.0	10.0	36.9	56.1	12.0	37.2	62.3	14.1	37.4
	40	80	31.7	6.74	42.3	37.8	8.74	42.8	43.9	11.0	43.3	47.0	12.2	43.5	50.0	13.5	43.8	56.1	16.4	44.3	58.1	16.9	44.5
		96	31.7	6.58	41.9	37.8	8.47	42.3	43.9	10.6	42.7	47.0	11.8	42.9	50.0	13.0	43.1	56.1	15.7	43.6	62.2	18.5	44.0
		120	31.7	6.38	41.5	37.8	8.16	41.8	43.9	10.2	42.2	47.0	11.3	42.3	50.0	12.4	42.5	56.1	14.9	42.8	62.3	17.6	43.2
		150	31.7	6.14	41.2	37.8	7.83	41.5	43.9	9.75	41.7	47.0	10.8	41.8	50.0	11.9	42.0	56.1	14.3	42.2	62.3	16.8	42.5
	45	80	31.7	7.93	47.4	37.8	10.5	47.9	40.4	11.4	48.1	41.0	11.4	48.1	41.5	11.5	48.2	42.4	11.5	48.2	43.1	11.6	48.3
		96	31.7	7.46	46.9	37.8	9.86	47.4	43.4	12.3	47.8	44.1	12.3	47.8	44.7	12.4	47.8	45.7	12.5	47.9	46.6	12.6	47.9
		120	31.7	7.06	46.5	37.8	9.27	46.9	43.9	11.8	47.2	47.0	13.2	47.4	48.3	13.6	47.5	49.5	13.7	47.5	50.6	13.8	47.6
		150	31.7	6.89	46.2	37.8	9.00	46.5	43.9	11.4	46.8	47.0	12.7	46.9	50.0	14.1	47.0	52.6	14.9	47.1	53.7	15.0	47.2

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																						
			14,0			16,0			18,0			19,0			20,0			22,0			24,0				
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.		
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C		
50	10	80	26.4	2.92	11.8	31.5	3.59	12.1	36.6	4.34	12.4	39.2	4.75	12.6	41.7	5.17	12.8	46.8	6.08	13.2	51.9	7.07	13.5		
		96	26.4	2.78	11.5	31.5	3.42	11.7	36.6	4.12	12.0	39.2	4.51	12.2	41.7	4.91	12.3	46.8	5.76	12.6	51.9	6.69	12.9		
		120	26.4	2.64	11.2	31.5	3.23	11.4	36.6	3.89	11.6	39.2	4.25	11.7	41.7	4.62	11.8	46.8	5.42	12.1	51.9	6.28	12.3		
		150	26.4	2.54	10.9	31.5	3.11	11.1	36.6	3.74	11.3	39.2	4.08	11.4	41.7	4.43	11.5	46.8	5.20	11.7	51.9	6.02	11.8		
	15	80	26.4	3.02	16.8	31.5	3.72	17.1	36.6	4.49	17.5	39.2	4.91	17.6	41.7	5.35	17.8	46.8	6.29	18.2	51.9	7.31	18.5		
		96	26.4	2.88	16.5	31.5	3.53	16.7	36.6	4.27	17.0	39.2	4.66	17.2	41.7	5.07	17.3	46.8	5.96	17.6	51.9	6.92	17.9		
		120	26.4	2.72	16.2	31.5	3.34	16.4	36.6	4.02	16.6	39.2	4.39	16.7	41.7	4.78	16.9	46.8	5.61	17.1	51.9	6.50	17.3		
		150	26.4	2.62	15.9	31.5	3.21	16.1	36.6	3.86	16.3	39.2	4.22	16.4	41.7	4.59	16.5	46.8	5.38	16.7	51.9	6.23	16.9		
	20	80	26.4	3.13	21.8	31.5	3.85	22.1	36.6	4.66	22.5	39.2	5.10	22.6	41.7	5.55	22.8	46.8	6.53	23.2	51.9	7.59	23.6		
		96	26.4	2.98	21.5	31.5	3.66	21.8	36.6	4.42	22.0	39.2	4.83	22.2	41.7	5.26	22.3	46.8	6.18	22.6	51.9	7.18	22.9		
		120	26.4	2.82	21.2	31.5	3.46	21.4	36.6	4.17	21.6	39.2	4.56	21.7	41.7	4.96	21.9	46.8	5.82	22.1	51.9	6.75	22.3		
		150	26.4	2.72	20.9	31.5	3.33	21.1	36.6	4.01	21.3	39.2	4.37	21.4	41.7	4.76	21.5	46.8	5.58	21.7	51.9	6.47	21.9		
	25	80	26.4	3.62	26.8	31.5	4.48	27.1	36.6	5.43	27.5	39.2	5.95	27.7	41.7	6.49	27.9	46.8	7.65	28.3	51.9	8.91	28.6		
		96	26.4	3.45	26.5	31.5	4.26	26.8	36.6	5.16	27.1	39.2	5.64	27.2	41.7	6.15	27.4	46.8	7.24	27.7	51.9	8.43	28.0		
		120	26.4	3.27	26.2	31.5	4.02	26.4	36.6	4.86	26.7	39.2	5.32	26.8	41.7	5.79	26.9	46.8	6.81	27.1	51.9	7.92	27.4		
		150	26.4	3.14	25.9	31.5	3.86	26.1	36.6	4.67	26.3	39.2	5.10	26.4	41.7	5.56	26.5	46.8	6.53	26.7	51.9	7.59	26.9		
	30	80	26.4	4.20	31.8	31.5	5.22	32.2	36.6	6.35	32.6	39.2	6.97	32.8	41.7	7.61	32.9	46.8	9.00	33.3	51.9	10.5	33.7		
		96	26.4	4.00	31.5	31.5	4.96	31.8	36.6	6.03	32.1	39.2	6.61	32.3	41.7	7.21	32.4	46.8	8.51	32.8	51.9	9.93	33.1		
		120	26.4	3.78	31.2	31.5	4.68	31.4	36.6	5.68	31.7	39.2	6.22	31.8	41.7	6.79	31.9	46.8	8.00	32.2	51.9	9.32	32.4		
		150	26.4	3.64	31.0	31.5	4.49	31.1	36.6	5.45	31.3	39.2	5.97	31.4	41.7	6.51	31.5	46.8	7.67	31.7	51.9	8.93	31.9		
	35	80	26.4	4.90	36.9	31.5	6.11	37.2	36.6	7.48	37.6	39.2	8.22	37.8	41.7	8.99	38.0	46.8	10.7	38.4	51.9	12.5	38.8		
		96	26.4	4.66	36.5	31.5	5.80	36.9	36.6	7.09	37.2	39.2	7.78	37.3	41.7	8.51	37.5	46.8	10.1	37.8	51.9	11.8	38.2		
		120	26.4	4.40	36.2	31.5	5.47	36.5	36.6	6.68	36.7	39.2	7.33	36.9	41.7	8.01	37.0	46.8	9.47	37.2	51.9	11.1	37.5		
		150	26.4	4.23	36.0	31.5	5.26	36.2	36.6	6.41	36.4	39.2	7.03	36.5	41.7	7.68	36.6	46.8	9.07	36.8	51.9	10.6	37.0		
	40	80	26.4	5.23	41.9	31.5	6.68	42.3	36.6	8.32	42.7	39.2	9.21	42.9	41.7	10.1	43.1	46.8	12.2	43.5	51.9	14.4	44.0		
		96	26.4	5.15	41.6	31.5	6.53	41.9	36.6	8.08	42.2	39.2	8.92	42.4	41.7	9.80	42.6	46.8	11.7	42.9	51.9	13.8	43.3		
		120	26.4	5.03	41.3	31.5	6.33	41.5	36.6	7.79	41.8	39.2	8.58	41.9	41.7	9.41	42.0	46.8	11.2	42.3	51.9	13.1	42.6		
		150	26.4	4.85	41.0	31.5	6.09	41.2	36.6	7.48	41.4	39.2	8.23	41.5	41.7	9.03	41.6	46.8	10.7	41.8	51.9	12.6	42.1		
	45	80	26.4	5.97	46.9	31.5	7.85	47.4	36.6	10.00	47.8	39.2	11.2	48.0	39.9	11.3	48.1	40.9	11.4	48.1	41.8	11.5	48.2		
		96	26.4	5.66	46.6	31.5	7.38	46.9	36.6	9.35	47.3	39.2	10.4	47.5	41.7	11.6	47.7	44.0	12.3	47.8	45.0	12.4	47.9		
		120	26.4	5.40	46.3	31.5	6.99	46.5	36.6	8.80	46.8	39.2	9.79	46.9	41.7	10.8	47.1	46.8	13.1	47.4	48.7	13.6	47.5		
		150	26.4	5.30	46.0	31.5	6.82	46.2	36.6	8.55	46.4	39.2	9.49	46.5	41.7	10.5	46.7	46.8	12.6	46.9	51.7	14.8	47.1		

3 Capacity tables

3 - 3 Heating capacity tables

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
130	10	50	14.8	3.90	6.88	15.4	3.58	6.61	15.9	3.31	6.38	16.2	3.20	6.28	16.4	3.10	6.19	16.7	2.95	6.05
		60	18.4	3.89	6.54	18.8	3.68	6.39	19.1	3.53	6.27	19.3	3.47	6.22	19.4	3.42	6.18	19.6	3.37	6.13
		96	25.5	4.61	6.89	25.6	4.60	6.87	25.6	4.64	6.87	25.6	4.67	6.87	25.6	4.72	6.88	25.5	4.84	6.91
		120	26.8	4.78	7.37	26.9	4.81	7.36	26.9	4.88	7.37	26.9	4.93	7.38	26.8	4.99	7.39	26.7	5.14	7.43
	15	50	26.8	4.73	8.69	26.8	4.76	8.68	26.8	4.83	8.70	26.8	4.88	8.72	26.8	4.93	8.74	26.6	5.08	8.82
		60	27.5	4.74	9.56	27.6	4.79	9.56	27.5	4.87	9.59	27.5	4.93	9.61	27.4	4.99	9.64	27.3	5.15	9.71
		96	29.5	4.81	11.3	29.5	4.89	11.3	29.4	5.01	11.4	29.3	5.08	11.4	29.2	5.15	11.4	29.0	5.33	11.5
		120	30.2	4.85	12.0	30.2	4.94	12.0	30.0	5.06	12.0	30.0	5.14	12.0	29.9	5.22	12.1	29.7	5.41	12.1
	20	50	32.1	4.95	12.2	32.0	5.07	12.3	31.8	5.22	12.4	31.7	5.30	12.4	31.6	5.39	12.5	31.3	5.59	12.6
		60	32.3	4.97	13.5	32.2	5.09	13.5	32.0	5.23	13.6	31.9	5.32	13.6	31.8	5.41	13.7	31.5	5.61	13.8
		96	32.9	5.01	15.8	32.7	5.13	15.9	32.6	5.29	15.9	32.4	5.37	16.0	32.3	5.46	16.0	32.0	5.67	16.1
		120	33.1	5.02	16.7	32.9	5.15	16.7	32.7	5.30	16.7	32.6	5.39	16.7	32.5	5.48	16.8	32.2	5.69	16.8
	25	50	35.3	5.20	16.4	35.1	5.34	16.5	34.9	5.52	16.6	34.8	5.61	16.6	34.6	5.71	16.7	34.3	5.93	16.9
		60	35.6	5.22	17.8	35.4	5.37	17.8	35.1	5.54	17.9	35.0	5.63	18.0	34.8	5.73	18.0	34.5	5.95	18.2
		96	36.2	5.26	20.4	36.0	5.42	20.4	35.7	5.59	20.5	35.6	5.69	20.5	35.4	5.79	20.6	35.1	6.01	20.7
		120	36.4	5.28	21.3	36.2	5.44	21.3	35.9	5.61	21.4	35.7	5.71	21.4	35.6	5.81	21.4	35.2	6.03	21.5
	30	50	38.5	5.47	20.5	38.3	5.64	20.6	38.0	5.83	20.8	37.8	5.93	20.9	37.6	6.03	20.9	35.7	5.65	21.4
		60	38.8	5.50	22.0	38.5	5.66	22.2	38.2	5.85	22.3	38.0	5.95	22.3	37.9	6.06	22.4	35.7	5.58	22.8
		96	39.4	5.55	24.9	39.2	5.72	25.0	38.8	5.91	25.1	38.7	6.01	25.1	38.3	6.06	25.2	35.7	5.43	25.5
		120	39.7	5.57	25.9	39.4	5.74	26.0	39.0	5.93	26.0	38.9	6.03	26.1	38.3	6.00	26.1	35.7	5.38	26.4
	35	50	41.7	5.77	24.7	41.4	5.95	24.8	41.0	6.11	25.0	39.6	5.80	25.3	38.3	5.51	25.6	35.7	4.95	26.2
		60	42.0	5.79	26.3	41.7	5.97	26.5	41.0	6.04	26.7	39.6	5.74	26.9	38.3	5.45	27.1	35.7	4.89	27.6
		96	42.7	5.85	29.5	42.4	6.03	29.6	41.0	5.87	29.8	39.6	5.58	29.9	38.3	5.30	30.1	35.7	4.76	30.4
		120	42.9	5.87	30.6	42.6	6.05	30.6	41.0	5.81	30.8	39.6	5.53	30.9	38.3	5.25	31.1	35.7	4.72	31.3
	40	50	44.9	6.07	28.9	43.6	5.93	29.2	41.0	5.87	29.9	39.6	5.58	30.2	38.3	5.31	30.5	35.7	4.78	31.1
		60	45.2	6.09	30.7	43.6	5.86	31.0	41.0	5.80	31.6	39.6	5.52	31.9	38.3	5.25	32.1	35.7	4.73	32.6
		96	46.0	6.15	34.1	43.6	5.70	34.3	41.0	5.64	34.7	39.6	5.37	34.9	38.3	5.11	35.0	35.7	4.60	35.4
		120	46.2	6.17	35.2	43.6	5.64	35.5	41.0	5.59	35.8	39.6	5.33	35.9	38.3	5.06	36.0	35.7	4.56	36.3
	45	50	46.2	6.02	33.5	43.6	5.78	34.2	41.0	5.66	34.9	39.6	5.39	35.2	38.3	5.13	35.5	35.7	4.63	36.1
		60	46.2	5.96	35.4	43.6	5.71	36.0	41.0	5.60	36.6	39.6	5.34	36.8	38.3	5.08	37.1	35.7	4.59	37.6
		96	46.2	5.79	39.0	43.6	5.55	39.3	41.0	5.45	39.7	39.6	5.19	39.9	38.3	4.95	40.0	35.7	4.47	40.3
		120	46.2	5.74	40.2	43.6	5.50	40.5	41.0	5.40	40.8	39.6	5.15	40.9	38.3	4.90	41.0	35.7	4.43	41.3
120	10	50	15.6	3.48	6.52	16.1	3.25	6.32	16.5	3.07	6.16	16.6	2.99	6.09	16.8	2.93	6.03	17.0	2.85	5.95
		60	18.9	3.62	6.34	19.2	3.49	6.24	19.4	3.41	6.17	19.5	3.38	6.14	19.6	3.37	6.12	19.7	3.37	6.10
		96	25.6	4.61	6.87	25.6	4.66	6.87	25.6	4.74	6.89	25.5	4.79	6.90	25.5	4.86	6.92	25.4	5.01	6.96
		120	26.9	4.83	7.37	26.9	4.91	7.38	26.8	5.02	7.40	26.7	5.08	7.41	26.7	5.16	7.43	26.5	5.34	7.47
	15	50	26.8	4.78	8.68	26.8	4.85	8.71	26.7	4.96	8.76	26.7	5.03	8.79	26.6	5.10	8.83	26.4	5.27	8.93
		60	27.6	4.81	9.57	27.5	4.90	9.60	27.4	5.02	9.65	27.4	5.09	9.68	27.3	5.17	9.72	27.1	5.35	9.81
		96	29.5	4.93	11.3	29.4	5.05	11.4	29.2	5.19	11.4	29.1	5.27	11.4	29.0	5.36	11.5	28.8	5.56	11.5
		120	30.1	4.98	12.0	30.0	5.10	12.0	29.8	5.25	12.1	29.7	5.34	12.1	29.6	5.43	12.1	29.4	5.63	12.2
	20	50	31.9	5.12	12.3	31.7	5.26	12.4	31.5	5.43	12.5	31.4	5.52	12.6	31.3	5.61	12.6	31.0	5.83	12.8
		60	32.1	5.14	13.6	31.9	5.28	13.6	31.7	5.45	13.7	31.6	5.54	13.8	31.5	5.64	13.8	31.2	5.85	13.9
		96	32.7	5.18	15.9	32.5	5.33	15.9	32.3	5.50	16.0	32.1	5.60	16.0	32.0	5.70	16.1	31.7	5.91	16.1
		120	32.9	5.20	16.7	32.7	5.35	16.7	32.4	5.52	16.8	32.3	5.61	16.8	32.2	5.71	16.8	31.9	5.93	16.9
	25	50	35.1	5.40	16.5	34.8	5.57	16.6	34.5	5.75	16.7	34.4	5.85	16.8	34.2	5.95	16.9	32.9	5.77	17.2
		60	35.3	5.42	17.9	35.0	5.59	18.0	34.8	5.77	18.1	34.6	5.87	18.1	34.5	5.98	18.2	32.9	5.70	18.5
		96	35.9	5.48	20.5	35.6	5.65	20.5	35.3	5.83	20.6	35.2	5.93	20.6	35.0	6.04	20.7	32.9	5.54	20.9
		120	36.1	5.50	21.3	35.8	5.67	21.4	35.5	5.85	21.5	35.4	5.95	21.5	35.2	6.06	21.5	32.9	5.49	21.7
	30	50	38.2	5.71	20.7	37.9	5.88	20.8	37.6	6.08	21.0	36.6	5.87	21.2	35.4	5.57	21.5	32.9	5.00	22.0
		60	38.4	5.73	22.2	38.1	5.91	22.3	37.8	6.10	22.4	36.6	5.80	22.6	35.4	5.51	22.9	32.9	4.94	23.3
		96	39.1	5.79	25.0	38.7	5.97	25.1	37.8	5.93	25.2	36.6	5.64	25.4	35.4	5.36	25.5	32.9	4.81	25.8
		120	39.3	5.81	26.0	38.9	5.99	26.1	37.8	5.88	26.2	36.6	5.59	26.3	35.4	5.31	26.4	32.9	4.77	26.6
	35	50	41.3	6.01	24.9	40.2	5.94	25.2	37.8	5.40	25.7	36.6	5.13	26.0	35.4	4.88	26.3	32.9	4.39	26.8
		60	41.6	6.04	26.5	40.2	5.87	26.8	37.8	5.34	27.2	36.6	5.08	27.5	35.4	4.83	27.7	32.9	4.34	28.2
		96	42.2	6.10	29.6	40.2	5.71	29.8	37.8	5.19	30.1	36.6	4.94	30.3	35.4	4.70	30.4	32.9	4.23	30.7
		120	42.4	6.12	30.7	40.2	5.66	30.9	37.8	5.14	31.1	36.6	4.90	31.2	35.4	4.66	31.3	32.9	4.19	31.6
	40	50	42.7	5.73	29.4	40.2	5.71	30.1	37.8	5.20	30.7	36.6	4.96	30.9	35.4	4.72	31.2	32.9	4.26	31.8
		60	42.7	5.67	31.2	40.2	5.65	31.7	37.8	5.15	32.2	36.6	4.90	32.4	35.4	4.67	32.7	32.9	4.21	33.1
		96	42.7	5.51	34.5	40.2	5.49	34.8	37.8	5.01	35.1	36.6	4.77	35.3	35.4	4.54	35.4	32.9	4.10	35.7
		120	42.7	5.46	35.6	40.2	5.45	35.8	37.8	4.96	36.1	36.6	4.73	36.2	35.4	4.50	36.3	32.9	4.07	36.6
	45	50	42.7	5.59	34.4	40.2	5.51	35.0	37.8	5.03	35.6	36.6	4.80	35.9	35.4	4.57	36.2	32.9	4.14	36.7
		60	42.7	5.53	36.1	40.2	5.46	36.7	37.8	4.98	37.2	36.6	4.75	37.4	35.4	4.53	37.6	32.9	4.10	38.1
		96	42.7	5.37	39.4	40.2	5.31	39.8	37.8	4.85	40.1	36.6	4.63	40.2	35.4	4.41	40.4	32.9	4.00	40.7
		120	42.7	5.32	40.5	40.2	5.26	40.8	37.8	4.81	41.1	36.6	4.59	41.2	35.4	4.38	41.3	32.9	3.97	41.5

3 Capacity tables

3 - 3 Heating capacity tables

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
110	10	50	16.3	3.16	6.24	16.6	3.01	6.11	16.8	2.90	6.00	16.9	2.87	5.96	17.0	2.84	5.93	17.2	2.81	5.89
		60	19.3	3.45	6.21	19.5	3.39	6.15	19.6	3.36	6.11	19.7	3.36	6.10	19.7	3.37	6.10	19.7	3.43	6.11
		96	25.6	4.69	6.88	25.6	4.78	6.90	25.5	4.90	6.93	25.4	4.97	6.95	25.3	5.05	6.97	25.1	5.23	7.03
		120	26.8	4.95	7.39	26.8	5.07	7.41	26.6	5.21	7.44	26.5	5.29	7.46	26.5	5.38	7.48	26.2	5.58	7.53
	15	50	26.8	4.90	8.73	26.7	5.01	8.78	26.6	5.15	8.86	26.5	5.23	8.91	26.4	5.32	8.96	26.2	5.51	9.07
		60	27.5	4.95	9.62	27.4	5.07	9.67	27.2	5.22	9.74	27.1	5.30	9.78	27.0	5.39	9.83	26.8	5.60	9.93
		96	29.3	5.11	11.4	29.1	5.25	11.4	29.0	5.41	11.5	28.8	5.51	11.5	28.7	5.60	11.5	28.5	5.82	11.6
		120	29.9	5.17	12.0	29.8	5.32	12.1	29.6	5.49	12.1	29.4	5.58	12.1	29.3	5.68	12.2	29.0	5.89	12.2
	20	50	31.6	5.33	12.5	31.4	5.49	12.6	31.2	5.67	12.7	31.1	5.77	12.7	30.9	5.88	12.8	30.2	5.89	13.0
		60	31.9	5.35	13.7	31.6	5.52	13.8	31.4	5.70	13.9	31.3	5.80	13.9	31.1	5.90	14.0	30.2	5.83	14.2
		96	32.4	5.41	16.0	32.2	5.57	16.0	31.9	5.76	16.1	31.8	5.86	16.1	31.6	5.96	16.2	30.2	5.67	16.3
		120	32.6	5.43	16.8	32.3	5.59	16.8	32.1	5.78	16.9	31.9	5.88	16.9	31.8	5.98	16.9	30.2	5.61	17.1
	25	50	34.7	5.65	16.7	34.4	5.82	16.8	34.1	6.02	16.9	33.5	5.93	17.1	32.4	5.63	17.3	30.2	5.05	17.8
		60	34.9	5.67	18.0	34.7	5.85	18.1	34.4	6.04	18.2	33.5	5.86	18.4	32.4	5.56	18.6	30.2	4.99	19.0
		96	35.5	5.73	20.6	35.2	5.91	20.6	34.7	5.99	20.7	33.5	5.70	20.8	32.4	5.41	21.0	30.2	4.86	21.2
		120	35.7	5.75	21.4	35.4	5.93	21.5	34.7	5.94	21.6	33.5	5.65	21.7	32.4	5.36	21.8	30.2	4.81	22.0
	30	50	37.7	5.97	20.9	36.9	5.94	21.1	34.7	5.40	21.6	33.5	5.13	21.9	32.4	4.88	22.1	30.2	4.39	22.6
		60	38.0	5.99	22.4	36.9	5.87	22.6	34.7	5.34	23.0	33.5	5.08	23.2	32.4	4.83	23.4	30.2	4.34	23.8
		96	38.6	6.06	25.1	36.9	5.71	25.3	34.7	5.19	25.6	33.5	4.94	25.7	32.4	4.70	25.9	30.2	4.23	26.1
		120	38.8	6.08	26.1	36.9	5.66	26.3	34.7	5.14	26.5	33.5	4.90	26.6	32.4	4.66	26.7	30.2	4.19	26.9
	35	50	39.1	5.68	25.4	36.9	5.20	25.9	34.7	4.73	26.4	33.5	4.51	26.7	32.4	4.29	26.9	30.2	3.87	27.5
		60	39.1	5.62	27.0	36.9	5.14	27.4	34.7	4.68	27.8	33.5	4.46	28.1	32.4	4.25	28.3	30.2	3.83	28.7
		96	39.1	5.46	30.0	36.9	5.00	30.2	34.7	4.56	30.5	33.5	4.34	30.6	32.4	4.13	30.8	30.2	3.73	31.0
		120	39.1	5.42	31.0	36.9	4.95	31.2	34.7	4.52	31.4	33.5	4.30	31.5	32.4	4.10	31.6	30.2	3.70	31.8
	40	50	39.1	5.47	30.4	36.9	5.01	30.9	34.7	4.58	31.4	33.5	4.37	31.6	32.4	4.16	31.9	30.2	3.77	32.4
		60	39.1	5.41	32.0	36.9	4.96	32.4	34.7	4.53	32.8	33.5	4.32	33.0	32.4	4.12	33.2	30.2	3.73	33.7
		96	39.1	5.27	34.9	36.9	4.83	35.2	34.7	4.41	35.5	33.5	4.21	35.6	32.4	4.01	35.8	30.2	3.64	36.0
		120	39.1	5.22	36.0	36.9	4.79	36.2	34.7	4.37	36.4	33.5	4.17	36.5	32.4	3.98	36.6	30.2	3.61	36.8
	45	50	39.1	5.29	35.3	36.9	4.86	35.8	34.7	4.44	36.3	33.5	4.24	36.6	32.4	4.05	36.9	30.2	3.67	37.4
		60	39.1	5.23	36.9	36.9	4.81	37.3	34.7	4.40	37.8	33.5	4.20	38.0	32.4	4.01	38.2	30.2	3.64	38.7
		96	39.1	5.09	39.9	36.9	4.68	40.2	34.7	4.29	40.5	33.5	4.10	40.6	32.4	3.91	40.7	30.2	3.55	41.0
		120	39.1	5.05	40.9	36.9	4.64	41.1	34.7	4.25	41.4	33.5	4.06	41.5	32.4	3.88	41.6	30.2	3.52	41.8
100	10	50	16.7	2.94	6.04	16.9	2.87	5.96	17.1	2.82	5.91	17.1	2.81	5.89	17.2	2.81	5.88	17.2	2.84	5.88
		60	19.6	3.37	6.12	19.7	3.36	6.10	19.7	3.39	6.10	19.7	3.42	6.11	19.7	3.45	6.12	19.6	3.54	6.16
		96	25.5	4.85	6.92	25.4	4.97	6.95	25.2	5.12	7.00	25.2	5.21	7.02	25.1	5.30	7.05	24.8	5.50	7.11
		120	26.7	5.15	7.43	26.5	5.29	7.46	26.4	5.46	7.50	26.3	5.55	7.53	26.2	5.65	7.55	25.9	5.86	7.60
	15	50	26.6	5.09	8.83	26.5	5.23	8.91	26.3	5.39	9.00	26.2	5.49	9.06	26.1	5.58	9.12	25.9	5.79	9.25
		60	27.3	5.16	9.71	27.1	5.30	9.78	27.0	5.47	9.87	26.8	5.57	9.92	26.7	5.67	9.97	26.5	5.88	10.1
		96	29.0	5.35	11.5	28.8	5.51	11.5	28.6	5.69	11.6	28.5	5.79	11.6	28.4	5.89	11.6	27.5	5.78	11.8
		120	29.7	5.42	12.1	29.4	5.58	12.1	29.2	5.77	12.2	29.1	5.87	12.2	28.9	5.97	12.3	27.5	5.59	12.4
	20	50	31.3	5.60	12.6	31.1	5.77	12.7	30.8	5.96	12.9	30.5	5.98	13.0	29.5	5.68	13.2	27.5	5.09	13.6
		60	31.5	5.62	13.8	31.3	5.80	13.9	31.0	5.99	14.0	30.5	5.92	14.1	29.5	5.62	14.3	27.5	5.04	14.6
		96	32.0	5.68	16.1	31.8	5.86	16.1	31.5	6.05	16.2	30.5	5.75	16.3	29.5	5.46	16.4	27.5	4.90	16.6
		120	32.2	5.70	16.8	31.9	5.88	16.9	31.5	5.99	17.0	30.5	5.70	17.0	29.5	5.41	17.1	27.5	4.86	17.3
	25	50	34.3	5.94	16.9	33.5	5.93	17.1	31.5	5.38	17.5	30.5	5.12	17.7	29.5	4.87	17.9	27.5	4.38	18.4
		60	34.5	5.96	18.2	33.5	5.86	18.4	31.5	5.32	18.7	30.5	5.07	18.9	29.5	4.81	19.1	27.5	4.33	19.5
		96	35.0	6.02	20.7	33.5	5.70	20.8	31.5	5.18	21.1	30.5	4.93	21.2	29.5	4.68	21.3	27.5	4.22	21.5
		120	35.2	6.04	21.5	33.5	5.64	21.7	31.5	5.13	21.9	30.5	4.88	21.9	29.5	4.64	22.0	27.5	4.18	22.2
	30	50	35.5	5.61	21.4	33.5	5.13	21.9	31.5	4.67	22.3	30.5	4.45	22.5	29.5	4.24	22.8	27.5	3.83	23.2
		60	35.5	5.55	22.8	33.5	5.08	23.2	31.5	4.62	23.6	30.5	4.41	23.8	29.5	4.19	24.0	27.5	3.79	24.3
		96	35.5	5.40	25.5	33.5	4.94	25.7	31.5	4.50	26.0	30.5	4.29	26.1	29.5	4.08	26.2	27.5	3.69	26.5
		120	35.5	5.35	26.4	33.5	4.89	26.6	31.5	4.46	26.8	30.5	4.25	26.9	29.5	4.05	27.0	27.5	3.66	27.2
	35	50	35.5	4.92	26.2	33.5	4.51	26.7	31.5	4.11	27.1	30.5	3.93	27.4	29.5	3.74	27.6	27.5	3.39	28.1
		60	35.5	4.86	27.7	33.5	4.46	28.1	31.5	4.07	28.4	30.5	3.89	28.6	29.5	3.70	28.8	27.5	3.36	29.2
		96	35.5	4.73	30.4	33.5	4.34	30.6	31.5	3.97	30.9	30.5	3.79	31.0	29.5	3.61	31.1	27.5	3.27	31.4
		120	35.5	4.69	31.3	33.5	4.30	31.5	31.5	3.93	31.7	30.5	3.75	31.8	29.5	3.58	31.9	27.5	3.25	32.1
	40	50	35.5	4.78	31.2	33.5	4.38	31.6	31.5	4.00	32.1	30.5	3.82	32.4	29.5	3.64	32.6	27.5	3.30	33.1
		60	35.5	4.73	32.6	33.5	4.33	33.0	31.5	3.96	33.4	30.5	3.78	33.6	29.5	3.61	33.8	27.5	3.27	34.2
		96	35.5	4.60	35.4	33.5	4.22	35.6	31.5	3.86	35.9	30.5	3.68	36.0	29.5	3.51	36.1	27.5	3.19	36.4
		120	35.5	4.56	36.3	33.5	4.18	36.5	31.5	3.83	36.7	30.5	3.65	36.8	29.5	3.49	36.9	27.5	3.16	37.1
	45	50	35.5	4.66	36.1	33.5	4.28	36.6	31.5	3.91	37.1	30.5	3.73	37.3	29.5	3.56	37.6	27.5	3.23	38.1
		60	35.5	4.61	37.6	33.5	4.23	38.0	31.5	3.87	38.4	30.5	3.70	38.6	29.5	3.53	38.8	27.5	3.20	39.2
		96	35.5	4.49	40.4	33.5	4.12	40.6	31.5	3.77	40.9	30.5	3.60	41.0	29.5	3.44	41.1	27.5	3.12	41.4
		120	35.5	4.45	41.3	33.5	4.09	41.5	31.5	3.74	41.7	30.5	3.57	41.8	29.5	3.41	41.9	27.5	3.10	42.1

3 Capacity tables

3 - 3 Heating capacity tables

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
90	10	50	17.1	2.83	5.92	17.2	2.81	5.89	17.2	2.82	5.88	17.2	2.84	5.88	17.2	2.86	5.89	17.2	2.93	5.92
		60	19.7	3.38	6.10	19.7	3.43	6.11	19.7	3.50	6.14	19.6	3.54	6.16	19.6	3.59	6.18	19.5	3.71	6.24
		96	25.3	5.08	6.98	25.1	5.23	7.03	24.9	5.40	7.08	24.8	5.50	7.11	24.7	5.59	7.14	24.5	5.81	7.21
		120	26.4	5.42	7.49	26.2	5.58	7.53	26.0	5.77	7.58	25.9	5.86	7.60	25.8	5.97	7.63	24.7	5.72	7.73
	15	50	26.4	5.35	8.98	26.2	5.51	9.08	26.0	5.70	9.19	25.9	5.79	9.25	25.7	5.90	9.31	24.7	5.68	9.54
		60	27.0	5.43	9.85	26.8	5.60	9.93	26.6	5.78	10.0	26.5	5.88	10.1	26.3	5.99	10.1	24.7	5.45	10.4
		96	28.7	5.64	11.6	28.5	5.82	11.6	28.2	6.01	11.7	27.4	5.78	11.8	26.5	5.49	11.9	24.7	4.92	12.0
		120	29.3	5.72	12.2	29.0	5.90	12.2	28.4	5.87	12.3	27.4	5.58	12.4	26.5	5.30	12.5	24.7	4.76	12.6
	20	50	30.9	5.92	12.8	30.2	5.89	13.0	28.4	5.35	13.4	27.4	5.09	13.6	26.5	4.84	13.8	24.7	4.35	14.2
		60	31.1	5.94	14.0	30.2	5.82	14.2	28.4	5.29	14.5	27.4	5.03	14.6	26.5	4.78	14.8	24.7	4.31	15.1
		96	31.6	6.00	16.2	30.2	5.66	16.3	28.4	5.14	16.5	27.4	4.90	16.6	26.5	4.65	16.7	24.7	4.19	16.9
		120	31.7	6.02	16.9	30.2	5.61	17.1	28.4	5.10	17.2	27.4	4.85	17.3	26.5	4.61	17.4	24.7	4.16	17.5
	25	50	32.0	5.51	17.4	30.2	5.04	17.8	28.4	4.59	18.2	27.4	4.38	18.4	26.5	4.17	18.6	24.7	3.76	19.0
		60	32.0	5.45	18.7	30.2	4.99	19.0	28.4	4.54	19.3	27.4	4.33	19.5	26.5	4.12	19.6	24.7	3.72	20.0
		96	32.0	5.30	21.0	30.2	4.85	21.2	28.4	4.42	21.4	27.4	4.22	21.5	26.5	4.01	21.6	24.7	3.63	21.9
		120	32.0	5.25	21.8	30.2	4.81	22.0	28.4	4.38	22.1	27.4	4.18	22.2	26.5	3.98	22.3	24.7	3.60	22.5
	30	50	32.0	4.78	22.2	30.2	4.39	22.6	28.4	4.01	23.0	27.4	3.82	23.2	26.5	3.65	23.4	24.7	3.30	23.9
		60	32.0	4.73	23.5	30.2	4.34	23.8	28.4	3.97	24.2	27.4	3.78	24.3	26.5	3.61	24.5	24.7	3.27	24.9
		96	32.0	4.60	25.9	30.2	4.22	26.1	28.4	3.86	26.3	27.4	3.69	26.5	26.5	3.52	26.6	24.7	3.19	26.8
		120	32.0	4.56	26.7	30.2	4.19	26.9	28.4	3.83	27.1	27.4	3.66	27.2	26.5	3.49	27.2	24.7	3.17	27.4
	35	50	32.0	4.21	27.0	30.2	3.87	27.5	28.4	3.54	27.9	27.4	3.39	28.1	26.5	3.23	28.3	24.7	2.94	28.8
		60	32.0	4.16	28.4	30.2	3.83	28.7	28.4	3.51	29.1	27.4	3.35	29.2	26.5	3.20	29.4	24.7	2.91	29.8
		96	32.0	4.06	30.8	30.2	3.73	31.1	28.4	3.42	31.3	27.4	3.27	31.4	26.5	3.12	31.5	24.7	2.84	31.7
		120	32.0	4.02	31.7	30.2	3.70	31.8	28.4	3.39	32.0	27.4	3.24	32.1	26.5	3.10	32.2	24.7	2.82	32.4
	40	50	32.0	4.08	32.0	30.2	3.76	32.4	28.4	3.45	32.9	27.4	3.30	33.1	26.5	3.15	33.3	24.7	2.87	33.7
		60	32.0	4.04	33.3	30.2	3.73	33.7	28.4	3.42	34.0	27.4	3.27	34.2	26.5	3.12	34.4	24.7	2.84	34.8
		96	32.0	3.94	35.8	30.2	3.63	36.0	28.4	3.33	36.3	27.4	3.19	36.4	26.5	3.05	36.5	24.7	2.77	36.7
		120	32.0	3.91	36.6	30.2	3.60	36.8	28.4	3.31	37.0	27.4	3.16	37.1	26.5	3.02	37.2	24.7	2.75	37.4
	45	50	32.0	3.98	37.0	30.2	3.67	37.4	28.4	3.37	37.8	27.4	3.22	38.1	26.5	3.07	38.3	24.7	2.80	38.7
		60	32.0	3.94	38.3	30.2	3.63	38.7	28.4	3.33	39.0	27.4	3.19	39.2	26.5	3.04	39.4	24.7	2.77	39.8
		96	32.0	3.84	40.8	30.2	3.54	41.0	28.4	3.25	41.3	27.4	3.11	41.4	26.5	2.97	41.5	24.7	2.70	41.7
		120	32.0	3.49	41.6	30.2	3.51	41.8	28.4	3.22	42.0	27.4	3.08	42.1	26.5	2.95	42.2	24.7	2.68	42.4
80	10	50	17.2	2.82	5.88	17.2	2.85	5.88	17.2	2.91	5.91	17.2	2.94	5.92	17.1	2.98	5.95	17.0	3.08	6.00
		60	19.7	3.49	6.14	19.6	3.57	6.17	19.5	3.67	6.22	19.4	3.73	6.25	19.4	3.80	6.28	19.2	3.94	6.35
		96	25.0	5.40	7.08	24.8	5.56	7.13	24.6	5.75	7.19	24.4	5.81	7.23	23.6	5.51	7.30	22.0	4.94	7.46
		120	26.0	5.76	7.58	25.8	5.93	7.62	25.2	5.90	7.69	24.4	5.60	7.76	23.6	5.32	7.82	22.0	4.78	7.95
	15	50	26.0	5.69	9.18	25.8	5.86	9.29	25.2	5.85	9.45	24.4	5.57	9.60	23.6	5.28	9.75	22.0	4.74	10.1
		60	26.6	5.77	10.0	26.4	5.95	10.1	25.2	5.62	10.3	24.4	5.34	10.4	23.6	5.08	10.6	22.0	4.56	10.8
		96	28.2	6.00	11.7	26.8	5.58	11.8	25.2	5.07	12.0	24.4	4.83	12.1	23.6	4.59	12.2	22.0	4.14	12.3
		120	28.4	5.90	12.3	26.8	5.39	12.4	25.2	4.90	12.6	24.4	4.67	12.6	23.6	4.44	12.7	22.0	4.00	12.9
	20	50	28.4	5.37	13.4	26.8	4.92	13.7	25.2	4.48	14.1	24.4	4.27	14.2	23.6	4.07	14.4	22.0	3.67	14.8
		60	28.4	5.31	14.5	26.8	4.86	14.8	25.2	4.43	15.0	24.4	4.23	15.2	23.6	4.02	15.3	22.0	3.64	15.6
		96	28.4	5.17	16.5	26.8	4.73	16.7	25.2	4.31	16.9	24.4	4.11	17.0	23.6	3.92	17.1	22.0	3.54	17.3
		120	28.4	5.12	17.2	26.8	4.69	17.4	25.2	4.28	17.5	24.4	4.08	17.6	23.6	3.89	17.6	22.0	3.51	17.8
	25	50	28.4	4.61	18.2	26.8	4.23	18.5	25.2	3.87	18.9	24.4	3.69	19.1	23.6	3.52	19.3	22.0	3.19	19.6
		60	28.4	4.56	19.3	26.8	4.19	19.6	25.2	3.83	19.9	24.4	3.66	20.0	23.6	3.49	20.2	22.0	3.16	20.5
		96	28.4	4.44	21.4	26.8	4.08	21.6	25.2	3.73	21.8	24.4	3.56	21.9	23.6	3.40	22.0	22.0	3.09	22.2
		120	28.4	4.40	22.1	26.8	4.04	22.3	25.2	3.70	22.4	24.4	3.53	22.5	23.6	3.37	22.6	22.0	3.06	22.7
	30	50	28.4	4.02	23.0	26.8	3.70	23.4	25.2	3.39	23.7	24.4	3.25	23.9	23.6	3.10	24.1	22.0	2.82	24.5
		60	28.4	3.98	24.2	26.8	3.66	24.5	25.2	3.36	24.8	24.4	3.21	24.9	23.6	3.07	25.1	22.0	2.80	25.4
		96	28.4	3.88	26.3	26.8	3.57	26.5	25.2	3.28	26.7	24.4	3.14	26.8	23.6	3.00	26.9	22.0	2.73	27.1
		120	28.4	3.85	27.1	26.8	3.54	27.2	25.2	3.25	27.4	24.4	3.11	27.5	23.6	2.97	27.5	22.0	2.71	27.7
	35	50	28.4	3.56	27.9	26.8	3.28	28.3	25.2	3.02	28.6	24.4	2.89	28.8	23.6	2.77	29.0	22.0	2.53	29.4
		60	28.4	3.52	29.0	26.8	3.25	29.4	25.2	2.99	29.7	24.4	2.86	29.9	23.6	2.74	30.0	22.0	2.50	30.4
		96	28.4	3.43	31.3	26.8	3.17	31.5	25.2	2.92	31.7	24.4	2.80	31.8	23.6	2.68	31.9	22.0	2.45	32.1
		120	28.4	3.41	32.0	26.8	3.15	32.2	25.2	2.90	32.3	24.4	2.78	32.4	23.6	2.66	32.5	22.0	2.43	32.7
	40	50	28.4	3.47	32.8	26.8	3.20	33.2	25.2	2.94	33.6	24.4	2.82	33.8	23.6	2.70	34.0	22.0	2.46	34.4
		60	28.4	3.43	34.0	26.8	3.17	34.4	25.2	2.91	34.7	24.4	2.79	34.8	23.6	2.67	35.0	22.0	2.44	35.3
		96	28.4	3.35	36.3	26.8	3.09	36.5	25.2	2.85	36.7	24.4	2.73	36.8	23.6	2.61	36.9	22.0	2.39	37.1
		120	28.4	3.32	37.0	26.8	3.07	37.2	25.2	2.82	37.3	24.4	2.71	37.4	23.6	2.59	37.5	22.0	2.37	37.7
	45	50	28.4	3.38	37.8	26.8	3.12	38.2	25.2	2.87	38.6	24.4	2.75	38.8	23.6	2.63	39.0	22.0	2.40	39.4
		60	28.4	3.35	39.0	26.8	3.09	39.3	25.2	2.84	39.7	24.4	2.72	39.8	23.6	2.61	40.0	22.0	2.38	40.3
		96	28.4	3.27	41.2	26.8	3.01	41.4	25.2	2.77	41.7	24.4	2.66	41.8	23.6	2.55	41.9	22.0	2.33	42.1
		120	28.4	3.24	42.0	26.8	2.99	42.2	25.2	2.75	42.3	24.4	2.64	42.4	23.6	2.53	42.5	22.0	2.31	42.7

3 Capacity tables

3 - 3 Heating capacity tables

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
70	10	50	17.2	2.92	5.91	17.1	2.99	5.95	17.0	3.07	6.00	17.0	3.12	6.03	16.9	3.17	6.06	16.8	3.29	6.13
		60	19.5	3.70	6.23	19.4	3.80	6.28	19.2	3.93	6.35	19.1	4.00	6.38	19.1	4.07	6.42	18.9	4.22	6.50
		96	24.5	5.78	7.20	23.5	5.47	7.31	22.1	4.98	7.45	21.3	4.74	7.52	20.6	4.50	7.59	19.2	4.05	7.74
		120	24.9	5.78	7.72	23.5	5.28	7.83	22.1	4.81	7.94	21.3	4.58	8.00	20.6	4.36	8.06	19.2	3.93	8.17
	15	50	24.9	5.74	9.51	23.5	5.25	9.78	22.1	4.77	10.0	21.3	4.55	10.2	20.6	4.33	10.3	19.2	3.90	10.6
		60	24.9	5.51	10.4	23.5	5.04	10.6	22.1	4.59	10.8	21.3	4.37	10.9	20.6	4.16	11.1	19.2	3.76	11.3
		96	24.9	4.98	12.0	23.5	4.56	12.2	22.1	4.16	12.3	21.3	3.97	12.4	20.6	3.78	12.5	19.2	3.42	12.6
		120	24.9	4.81	12.6	23.5	4.41	12.7	22.1	4.03	12.8	21.3	3.84	12.9	20.6	3.66	13.0	19.2	3.32	13.1
	20	50	24.9	4.40	14.1	23.5	4.04	14.4	22.1	3.69	14.7	21.3	3.53	14.9	20.6	3.37	15.1	19.2	3.06	15.4
		60	24.9	4.35	15.1	23.5	4.00	15.3	22.1	3.66	15.6	21.3	3.49	15.7	20.6	3.33	15.9	19.2	3.03	16.1
		96	24.9	4.24	16.9	23.5	3.89	17.1	22.1	3.56	17.2	21.3	3.41	17.3	20.6	3.25	17.4	19.2	2.95	17.6
		120	24.9	4.20	17.5	23.5	3.86	17.7	22.1	3.53	17.8	21.3	3.38	17.9	20.6	3.22	17.9	19.2	2.93	18.1
	25	50	24.9	3.80	19.0	23.5	3.50	19.3	22.1	3.21	19.6	21.3	3.07	19.8	20.6	2.94	19.9	19.2	2.68	20.3
		60	24.9	3.76	20.0	23.5	3.46	20.2	22.1	3.18	20.5	21.3	3.04	20.6	20.6	2.91	20.8	19.2	2.65	21.0
		96	24.9	3.66	21.8	23.5	3.38	22.0	22.1	3.10	22.2	21.3	2.97	22.3	20.6	2.84	22.3	19.2	2.59	22.5
		120	24.9	3.63	22.5	23.5	3.35	22.6	22.1	3.08	22.7	21.3	2.95	22.8	20.6	2.82	22.9	19.2	2.57	23.0
	30	50	24.9	3.34	23.8	23.5	3.08	24.2	22.1	2.84	24.5	21.3	2.72	24.7	20.6	2.61	24.8	19.2	2.38	25.2
		60	24.9	3.30	24.8	23.5	3.05	25.1	22.1	2.81	25.4	21.3	2.69	25.5	20.6	2.58	25.7	19.2	2.36	26.0
		96	24.9	3.22	26.8	23.5	2.98	26.9	22.1	2.74	27.1	21.3	2.63	27.2	20.6	2.52	27.3	19.2	2.31	27.5
		120	24.9	3.20	27.4	23.5	2.95	27.5	22.1	2.72	27.7	21.3	2.61	27.8	20.6	2.50	27.8	19.2	2.29	28.0
	35	50	24.9	2.97	28.7	23.5	2.75	29.1	22.1	2.54	29.4	21.3	2.44	29.6	20.6	2.34	29.8	19.2	2.15	30.1
		60	24.9	2.94	29.8	23.5	2.72	30.0	22.1	2.52	30.3	21.3	2.42	30.5	20.6	2.32	30.6	19.2	2.13	30.9
		96	24.9	2.87	31.7	23.5	2.66	31.9	22.1	2.46	32.1	21.3	2.36	32.2	20.6	2.27	32.3	19.2	2.09	32.4
		120	24.9	2.85	32.4	23.5	2.64	32.5	22.1	2.44	32.7	21.3	2.35	32.7	20.6	2.25	32.8	19.2	2.07	33.0
	40	50	24.9	2.89	33.7	23.5	2.68	34.0	22.1	2.48	34.4	21.3	2.38	34.6	20.6	2.28	34.7	19.2	2.10	35.1
		60	24.9	2.87	34.7	23.5	2.66	35.0	22.1	2.45	35.3	21.3	2.36	35.5	20.6	2.26	35.6	19.2	2.08	35.9
		96	24.9	2.80	36.7	23.5	2.59	36.9	22.1	2.40	37.1	21.3	2.30	37.2	20.6	2.21	37.2	19.2	2.03	37.4
		120	24.9	2.78	37.4	23.5	2.58	37.5	22.1	2.38	37.7	21.3	2.29	37.7	20.6	2.20	37.8	19.2	2.02	37.9
	45	50	24.9	2.82	38.7	23.5	2.61	39.0	22.1	2.41	39.4	21.3	2.32	39.5	20.6	2.22	39.7	19.2	2.04	40.1
		60	24.9	2.80	39.7	23.5	2.59	40.0	22.1	2.39	40.3	21.3	2.30	40.5	20.6	2.21	40.6	19.2	2.03	40.9
		96	24.9	2.73	41.7	23.5	2.53	41.9	22.1	2.34	42.1	21.3	2.25	42.1	20.6	2.16	42.2	19.2	1.98	42.4
		120	24.9	2.71	42.4	23.5	2.51	42.5	22.1	2.32	42.6	21.3	2.23	42.7	20.6	2.14	42.8	19.2	1.97	42.9
60	10	50	17.0	3.12	6.03	16.9	3.22	6.08	16.8	3.32	6.15	16.7	3.38	6.19	16.6	3.44	6.22	16.4	3.57	6.31
		60	19.1	4.00	6.38	19.0	4.12	6.45	18.8	4.26	6.52	18.3	4.08	6.61	17.7	3.88	6.70	16.5	3.48	6.90
		96	21.3	4.73	7.52	20.1	4.34	7.64	18.9	3.96	7.77	18.3	3.78	7.83	17.7	3.60	7.90	16.5	3.26	8.03
		120	21.3	4.58	8.00	20.1	4.20	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
	15	50	21.3	4.54	10.2	20.1	4.17	10.4	18.9	3.81	10.7	18.3	3.64	10.8	17.7	3.47	10.9	16.5	3.15	11.2
		60	21.3	4.37	10.9	20.1	4.01	11.2	18.9	3.67	11.4	18.3	3.51	11.5	17.7	3.35	11.6	16.5	3.04	11.8
		96	21.3	3.96	12.4	20.1	3.65	12.5	18.9	3.34	12.7	18.3	3.20	12.7	17.7	3.06	12.8	16.5	2.78	13.0
		120	21.3	3.84	12.9	20.1	3.53	13.0	18.9	3.24	13.1	18.3	3.10	13.2	17.7	2.97	13.2	16.5	2.70	13.4
	20	50	21.3	3.53	14.9	20.1	3.25	15.2	18.9	2.99	15.4	18.3	2.86	15.6	17.7	2.74	15.7	16.5	2.50	16.0
		60	21.3	3.49	15.7	20.1	3.22	16.0	18.9	2.96	16.2	18.3	2.84	16.3	17.7	2.71	16.4	16.5	2.48	16.7
		96	21.3	3.40	17.3	20.1	3.14	17.5	18.9	2.89	17.6	18.3	2.77	17.7	17.7	2.65	17.8	16.5	2.42	17.9
		120	21.3	3.37	17.9	20.1	3.12	18.0	18.9	2.87	18.1	18.3	2.75	18.1	17.7	2.63	18.2	16.5	2.41	18.3
	25	50	21.3	3.07	19.8	20.1	2.84	20.0	18.9	2.62	20.3	18.3	2.52	20.5	17.7	2.41	20.6	16.5	2.21	20.9
		60	21.3	3.04	20.6	20.1	2.82	20.9	18.9	2.60	21.1	18.3	2.49	21.2	17.7	2.39	21.3	16.5	2.19	21.6
		96	21.3	2.97	22.3	20.1	2.75	22.4	18.9	2.54	22.6	18.3	2.44	22.6	17.7	2.34	22.7	16.5	2.15	22.9
		120	21.3	2.95	22.8	20.1	2.73	22.9	18.9	2.52	23.0	18.3	2.42	23.1	17.7	2.32	23.2	16.5	2.13	23.3
	30	50	21.3	2.72	24.7	20.1	2.52	25.0	18.9	2.34	25.3	18.3	2.25	25.4	17.7	2.16	25.5	16.5	1.99	25.8
		60	21.3	2.69	25.5	20.1	2.50	25.8	18.9	2.32	26.0	18.3	2.23	26.2	17.7	2.14	26.3	16.5	1.97	26.5
		96	21.3	2.63	27.2	20.1	2.44	27.4	18.9	2.27	27.5	18.3	2.18	27.6	17.7	2.09	27.7	16.5	1.93	27.8
		120	21.3	2.61	27.8	20.1	2.43	27.9	18.9	2.25	28.0	18.3	2.16	28.1	17.7	2.08	28.1	16.5	1.92	28.3
	35	50	21.3	2.44	29.6	20.1	2.27	29.9	18.9	2.11	30.2	18.3	2.03	30.3	17.7	1.95	30.5	16.5	1.81	30.8
		60	21.3	2.42	30.5	20.1	2.25	30.7	18.9	2.09	31.0	18.3	2.01	31.1	17.7	1.94	31.2	16.5	1.79	31.5
		96	21.3	2.36	32.2	20.1	2.20	32.3	18.9	2.05	32.5	18.3	1.97	32.6	17.7	1.90	32.6	16.5	1.76	32.8
		120	21.3	2.35	32.7	20.1	2.19	32.9	18.9	2.03	33.0	18.3	1.96	33.0	17.7	1.89	33.1	16.5	1.75	33.2
	40	50	21.3	2.38	34.6	20.1	2.21	34.9	18.9	2.06	35.2	18.3	1.98	35.3	17.7	1.91	35.5	16.5	1.76	35.8
		60	21.3	2.36	35.5	20.1	2.19	35.7	18.9	2.04	36.0	18.3	1.96	36.1	17.7	1.89	36.2	16.5	1.75	36.5
		96	21.3	2.30	37.2	20.1	2.15	37.3	18.9	2.00	37.5	18.3	1.92	37.6	17.7	1.85	37.6	16.5	1.72	37.8
		120	21.3	2.29	37.7	20.1	2.13	37.9	18.9	1.98	38.0	18.3	1.91	38.0	17.7	1.84	38.1	16.5	1.70	38.2
	45	50	21.3	2.32	39.5	20.1	2.16	39.9	18.9	2.00	40.2	18.3	1.93	40.3	17.7	1.86	40.5	16.5	1.72	40.8
		60	21.3	2.30	40.5	20.1	2.14	40.7	18.9	1.99	41.0	18.3	1.91	41.1	17.7	1.84	41.2	16.5	1.71	41.5
		96	21.3	2.25	42.2	20.1	2.09	42.3	18.9	1.95	42.5	18.3	1.88	42.5	17.7	1.81	42.6	16.5	1.67	42.8
		120	21.3	2.23	42.7	20.1	2.08	42.8	18.9	1.93	43.0	18.3	1.86	43.0	17.7	1.79	43.1	16.5	1.66	43.2

3 Capacity tables

3 - 3 Heating capacity tables

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
50	10	50	16.6	3.43	6.22	16.5	3.53	6.29	15.8	3.34	6.44	15.2	3.18	6.54	14.7	3.02	6.64	13.7	2.71	6.84
		60	17.8	3.91	6.69	16.8	3.57	6.85	15.8	3.25	7.01	15.2	3.10	7.10	14.7	2.95	7.18	13.7	2.66	7.36
		96	17.8	3.62	7.89	16.8	3.34	8.00	15.8	3.06	8.11	15.2	2.93	8.16	14.7	2.80	8.22	13.7	2.56	8.33
		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	2.50	8.66
	15	50	17.8	3.49	10.9	16.8	3.22	11.1	15.8	2.96	11.3	15.2	2.84	11.4	14.7	2.72	11.6	13.7	2.48	11.8
		60	17.8	3.37	11.6	16.8	3.11	11.7	15.8	2.86	11.9	15.2	2.74	12.0	14.7	2.63	12.1	13.7	2.40	12.3
		96	17.8	3.08	12.8	16.8	2.85	12.9	15.8	2.63	13.0	15.2	2.52	13.1	14.7	2.42	13.2	13.7	2.21	13.3
		120	17.8	2.99	13.2	16.8	2.76	13.3	15.8	2.55	13.4	15.2	2.45	13.5	14.7	2.35	13.5	13.7	2.16	13.6
	20	50	17.8	2.76	15.7	16.8	2.56	15.9	15.8	2.37	16.2	15.2	2.28	16.3	14.7	2.18	16.4	13.7	2.01	16.6
		60	17.8	2.73	16.4	16.8	2.54	16.6	15.8	2.35	16.8	15.2	2.26	16.9	14.7	2.17	17.0	13.7	1.99	17.2
		96	17.8	2.67	17.7	16.8	2.48	17.9	15.8	2.29	18.0	15.2	2.21	18.1	14.7	2.12	18.1	13.7	1.95	18.2
		120	17.8	2.65	18.2	16.8	2.46	18.3	15.8	2.28	18.4	15.2	2.19	18.4	14.7	2.11	18.5	13.7	1.94	18.6
	25	50	17.8	2.43	20.6	16.8	2.26	20.8	15.8	2.10	21.1	15.2	2.02	21.2	14.7	1.95	21.3	13.7	1.80	21.6
		60	17.8	2.41	21.3	16.8	2.24	21.5	15.8	2.08	21.7	15.2	2.01	21.8	14.7	1.93	21.9	13.7	1.79	22.1
		96	17.8	2.35	22.7	16.8	2.19	22.8	15.8	2.04	23.0	15.2	1.96	23.0	14.7	1.89	23.1	13.7	1.75	23.2
		120	17.8	2.34	23.2	16.8	2.18	23.3	15.8	2.02	23.4	15.2	1.95	23.4	14.7	1.88	23.5	13.7	1.74	23.6
	30	50	17.8	2.17	25.5	16.8	2.03	25.8	15.8	1.89	26.0	15.2	1.82	26.2	14.7	1.76	26.3	13.7	1.63	26.5
		60	17.8	2.15	26.3	16.8	2.01	26.5	15.8	1.88	26.7	15.2	1.81	26.8	14.7	1.75	26.9	13.7	1.62	27.1
		96	17.8	2.11	27.7	16.8	1.97	27.8	15.8	1.84	27.9	15.2	1.77	28.0	14.7	1.71	28.1	13.7	1.59	28.2
		120	17.8	2.09	28.1	16.8	1.96	28.2	15.8	1.83	28.3	15.2	1.76	28.4	14.7	1.70	28.4	13.7	1.58	28.5
	35	50	17.8	1.97	30.5	16.8	1.84	30.7	15.8	1.72	31.0	15.2	1.67	31.1	14.7	1.61	31.2	13.7	1.50	31.5
		60	17.8	1.95	31.2	16.8	1.83	31.4	15.8	1.71	31.6	15.2	1.65	31.8	14.7	1.60	31.9	13.7	1.49	32.1
		96	17.8	1.91	32.6	16.8	1.79	32.8	15.8	1.68	32.9	15.2	1.62	33.0	14.7	1.57	33.0	13.7	1.46	33.2
		120	17.8	1.90	33.1	16.8	1.78	33.2	15.8	1.67	33.3	15.2	1.61	33.4	14.7	1.56	33.4	13.7	1.46	33.5
	40	50	17.8	1.92	35.5	16.8	1.80	35.7	15.8	1.68	36.0	15.2	1.62	36.1	14.7	1.57	36.2	13.7	1.46	36.5
		60	17.8	1.90	36.2	16.8	1.78	36.4	15.8	1.67	36.6	15.2	1.61	36.7	14.7	1.56	36.9	13.7	1.45	37.1
		96	17.8	1.86	37.6	16.8	1.75	37.8	15.8	1.64	37.9	15.2	1.58	38.0	14.7	1.53	38.0	13.7	1.43	38.2
		120	17.8	1.85	38.1	16.8	1.74	38.2	15.8	1.63	38.3	15.2	1.57	38.4	14.7	1.52	38.4	13.7	1.42	38.5
	45	50	17.8	1.87	40.4	16.8	1.75	40.7	15.8	1.64	41.0	15.2	1.58	41.1	14.7	1.53	41.2	13.7	1.43	41.5
		60	17.8	1.85	41.2	16.8	1.74	41.4	15.8	1.63	41.6	15.2	1.57	41.7	14.7	1.52	41.8	13.7	1.42	42.1
		96	17.8	1.82	42.6	16.8	1.70	42.8	15.8	1.60	42.9	15.2	1.54	43.0	14.7	1.49	43.0	13.7	1.39	43.2
		120	17.8	1.80	43.1	16.8	1.69	43.2	15.8	1.59	43.3	15.2	1.53	43.4	14.7	1.48	43.4	13.7	1.38	43.5

3 Capacity tables

3 - 3 Heating capacity tables

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																		
			16.0			18.0			20.0			21.0			22.0			24.0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	
130	10	50	29.6	7.80	6.88	30.8	7.16	6.61	31.9	6.62	6.38	32.4	6.40	6.28	32.8	6.20	6.19	33.5	5.90	6.05	
		60	36.7	7.79	6.54	37.6	7.37	6.39	38.3	7.05	6.27	38.6	6.94	6.22	38.8	6.84	6.18	39.2	6.74	6.13	
		96	50.9	9.21	6.89	51.1	9.20	6.87	51.2	9.28	6.87	51.2	9.35	6.87	51.2	9.44	6.88	51.0	9.68	6.91	
		120	53.7	9.57	7.37	53.8	9.63	7.36	53.8	9.76	7.37	53.7	9.86	7.38	53.6	9.98	7.39	53.4	10.3	7.43	
	15	50	53.5	9.46	8.69	53.6	9.52	8.68	53.6	9.65	8.70	53.6	9.75	8.72	53.5	9.87	8.74	53.3	10.2	8.82	
		60	55.1	9.49	9.56	55.1	9.58	9.56	55.1	9.74	9.59	55.0	9.85	9.61	54.9	9.98	9.64	54.6	10.3	9.71	
		96	59.0	9.63	11.3	59.0	9.79	11.3	58.8	10.0	11.4	58.7	10.2	11.4	58.5	10.3	11.4	58.1	10.7	11.5	
		120	60.4	9.70	12.0	60.3	9.88	12.0	60.1	10.1	12.0	59.9	10.3	12.0	59.8	10.4	12.1	59.3	10.8	12.1	
	20	50	64.1	9.91	12.2	63.9	10.1	12.3	63.6	10.4	12.4	63.4	10.6	12.4	63.2	10.8	12.5	62.6	11.2	12.6	
		60	64.6	9.94	13.5	64.3	10.2	13.5	64.0	10.5	13.6	63.8	10.6	13.6	63.6	10.8	13.7	63.0	11.2	13.8	
		96	65.7	10.0	15.8	65.5	10.3	15.9	65.1	10.6	15.9	64.9	10.7	16.0	64.6	10.9	16.0	64.1	11.3	16.1	
		120	66.1	10.0	16.7	65.8	10.3	16.7	65.5	10.6	16.7	65.2	10.8	16.7	65.0	11.0	16.8	64.4	11.4	16.8	
	25	50	70.6	10.4	16.4	70.3	10.7	16.5	69.8	11.0	16.6	69.5	11.2	16.6	69.2	11.4	16.7	68.6	11.9	16.9	
		60	71.1	10.4	17.8	70.7	10.7	17.8	70.2	11.1	17.9	70.0	11.3	18.0	69.7	11.5	18.0	69.0	11.9	18.2	
		96	72.3	10.5	20.4	71.9	10.8	20.4	71.4	11.2	20.5	71.1	11.4	20.5	70.8	11.6	20.6	70.1	12.0	20.7	
		120	72.7	10.6	21.3	72.3	10.9	21.3	71.8	11.2	21.4	71.5	11.4	21.4	71.2	11.6	21.4	70.5	12.1	21.5	
	30	50	77.1	10.9	20.5	76.6	11.3	20.6	75.9	11.7	20.8	75.6	11.9	20.9	75.2	12.1	20.9	71.4	11.3	21.4	
		60	77.6	11.0	22.0	77.0	11.3	22.2	76.4	11.7	22.3	76.1	11.9	22.3	75.7	12.1	22.4	71.4	11.2	22.8	
		96	78.9	11.1	24.9	78.3	11.4	25.0	77.7	11.8	25.1	77.3	12.0	25.1	76.6	12.1	25.2	71.4	10.9	25.5	
		120	79.3	11.1	25.9	78.7	11.5	26.0	78.1	11.9	26.0	77.7	12.1	26.1	76.6	12.0	26.1	71.4	10.8	26.4	
	35	50	83.5	11.5	24.7	82.8	11.9	24.8	81.9	12.2	25.0	79.3	11.6	25.3	76.6	11.0	25.6	71.4	9.89	26.2	
		60	84.0	11.6	26.3	83.4	11.9	26.5	81.9	12.1	26.7	79.3	11.5	26.9	76.6	10.9	27.1	71.4	9.78	27.6	
		96	85.4	11.7	29.5	84.7	12.1	29.6	81.9	11.7	29.8	79.3	11.2	29.9	76.6	10.6	30.1	71.4	9.52	30.4	
		120	85.8	11.7	30.6	85.1	12.1	30.6	81.9	11.6	30.8	79.3	11.1	30.9	76.6	10.5	31.1	71.4	9.44	31.3	
	40	50	89.9	12.1	28.9	87.2	11.9	29.2	81.9	11.7	29.9	79.3	11.2	30.2	76.6	10.6	30.5	71.4	9.55	31.1	
		60	90.4	12.2	30.7	87.2	11.7	31.0	81.9	11.6	31.6	79.3	11.0	31.9	76.6	10.5	32.1	71.4	9.45	32.6	
		96	91.9	12.3	34.1	87.2	11.4	34.3	81.9	11.3	34.7	79.3	10.7	34.9	76.6	10.2	35.0	71.4	9.21	35.4	
		120	92.4	12.3	35.2	87.2	11.3	35.5	81.9	11.2	35.8	79.3	10.7	35.9	76.6	10.1	36.0	71.4	9.13	36.3	
	45	50	92.4	12.0	33.5	87.2	11.6	34.2	81.9	11.3	34.9	79.3	10.8	35.2	76.6	10.3	35.5	71.4	9.27	36.1	
		60	92.4	11.9	35.4	87.2	11.4	36.0	81.9	11.2	36.6	79.3	10.7	36.8	76.6	10.2	37.1	71.4	9.17	37.6	
		96	92.4	11.6	39.0	87.2	11.1	39.3	81.9	10.9	39.7	79.3	10.4	39.9	76.6	9.89	40.0	71.4	8.94	40.3	
		120	92.4	11.5	40.2	87.2	11.0	40.5	81.9	10.8	40.8	79.3	10.3	40.9	76.6	9.81	41.0	71.4	8.86	41.3	
120	10	50	31.2	6.95	6.52	32.1	6.49	6.32	32.9	6.13	6.16	33.2	5.99	6.09	33.5	5.87	6.03	34.0	5.70	5.95	
		60	37.8	7.25	6.34	38.4	6.99	6.24	38.9	6.81	6.17	39.1	6.76	6.14	39.2	6.73	6.12	39.4	6.74	6.10	
		96	51.2	9.22	6.87	51.2	9.31	6.87	51.2	9.48	6.89	51.1	9.59	6.90	51.0	9.72	6.92	50.7	10.0	6.96	
		120	53.8	9.67	7.37	53.7	9.82	7.38	53.6	10.0	7.40	53.5	10.2	7.41	53.3	10.3	7.43	53.0	10.7	7.47	
	15	50	53.6	9.56	8.68	53.6	9.70	8.71	53.5	9.92	8.76	53.4	10.1	8.79	53.2	10.2	8.83	52.9	10.5	8.93	
		60	55.1	9.63	9.57	55.0	9.80	9.60	54.8	10.0	9.65	54.7	10.2	9.68	54.6	10.3	9.72	54.2	10.7	9.81	
		96	58.9	9.86	11.3	58.7	10.1	11.4	58.4	10.4	11.4	58.2	10.5	11.4	58.0	10.7	11.5	57.6	11.1	11.5	
		120	60.2	9.96	12.0	60.0	10.2	12.0	59.7	10.5	12.1	59.5	10.7	12.1	59.3	10.9	12.1	58.8	11.3	12.2	
	20	50	63.8	10.2	12.3	63.5	10.5	12.4	63.1	10.9	12.5	62.8	11.0	12.6	62.6	11.2	12.6	62.0	11.7	12.8	
		60	64.2	10.3	13.6	63.9	10.6	13.6	63.5	10.9	13.7	63.2	11.1	13.8	63.0	11.3	13.8	62.4	11.7	13.9	
		96	65.3	10.4	15.9	65.0	10.7	15.9	64.5	11.0	16.0	64.3	11.2	16.0	64.0	11.4	16.1	63.4	11.8	16.1	
		120	65.7	10.4	16.7	65.3	10.7	16.7	64.9	11.0	16.8	64.6	11.2	16.8	64.3	11.4	16.8	63.7	11.9	16.9	
	25	50	70.1	10.8	16.5	69.6	11.1	16.6	69.1	11.5	16.7	68.8	11.7	16.8	68.5	11.9	16.9	65.9	11.5	17.2	
		60	70.6	10.8	17.9	70.1	11.2	18.0	69.5	11.5	18.1	69.2	11.7	18.1	68.9	12.0	18.2	65.9	11.4	18.5	
		96	71.7	11.0	20.5	71.2	11.3	20.5	70.7	11.7	20.6	70.4	11.9	20.6	70.0	12.1	20.7	65.9	11.1	20.9	
		120	72.1	11.0	21.3	71.6	11.3	21.4	71.0	11.7	21.5	70.7	11.9	21.5	70.4	12.1	21.5	65.9	11.0	21.7	
	30	50	76.3	11.4	20.7	75.8	11.8	20.8	75.1	12.2	21.0	73.2	11.7	21.2	70.7	11.1	21.5	65.9	10.00	22.0	
		60	76.8	11.5	22.2	76.2	11.8	22.3	75.6	12.2	22.4	73.2	11.6	22.6	70.7	11.0	22.9	65.9	9.89	23.3	
		96	78.1	11.6	25.0	77.5	11.9	25.1	75.6	11.9	25.2	73.2	11.3	25.4	70.7	10.7	25.5	65.9	9.62	25.8	
		120	78.5	11.6	26.0	77.9	12.0	26.1	75.6	11.8	26.2	73.2	11.2	26.3	70.7	10.6	26.4	65.9	9.53	26.6	
	35	50	82.6	12.0	24.9	80.5	11.9	25.2	75.6	10.8	25.7	73.2	10.3	26.0	70.7	9.76	26.3	65.9	8.78	26.8	
		60	83.1	12.1	26.5	80.5	11.7	26.8	75.6	10.7	27.2	73.2	10.2	27.5	70.7	9.65	27.7	65.9	8.69	28.2	
		96	84.5	12.2	29.6	80.5	11.4	29.8	75.6	10.4	30.1	73.2	9.88	30.3	70.7	9.39	30.4	65.9	8.46	30.7	
		120	84.9	12.2	30.7	80.5	11.3	30.9	75.6	10.3	31.1	73.2	9.79	31.2	70.7	9.31	31.3	65.9	8.39	31.6	
	40	50	85.3	11.5	29.4	80.5	11.4	30.1	75.6	10.4	30.7	73.2	9.91	30.9	70.7	9.43	31.2	65.9	8.51	31.8	
		60	85.3	11.3	31.2	80.5	11.3	31.7	75.6	10.3	32.2	73.2	9.81	32.4	70.7	9.33	32.7	65.9	8.42	33.1	
		96	85.3	11.0	34.5	80.5	11.0	34.8	75.6	10.0	35.1	73.2	9.54	35.3	70.7	9.09	35.4	65.9	8.21	35.7	
		120	85.3	10.9	35.6	80.5	10.9	35.8	75.6	9.93	36.1	73.2	9.46	36.2	70.7	9.01	36.3	65.9	8.14	36.6	
	45	50	85.3	11.2	34.4	80.5	11.0	35.0	75.6	10.1	35.6	73.2	9.60	35.9	70.7	9.15	36.2	65.9	8.28	36.7	
		60	85.3	11.1	36.1	80.5	10.9	36.7	75.6	9.96	37.2	73.2	9.50	37.4	70.7	9.06	37.6	65.9	8.20	38.1	
		96	85.3	10.7	39.4	80.5	10.6	39.8	75.6	9.70	40.1	73.2	9.26	40.2	70.7	8.82	40.4	65.9	7.99	40.7	
		120	85.3	10.6	40.5	80.5	10.5	40.8	75.6	9.62	41.1	73.2	9.18	41.2	70.7	8.75	41.3	65.9	7.93	41.5	

3 Capacity tables

3 - 3 Heating capacity tables

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
110	10	50	32.5	6.31	6.24	33.2	6.02	6.11	33.7	5.81	6.00	33.9	5.73	5.96	34.1	5.68	5.93	34.3	5.63	5.89
		60	38.7	6.90	6.21	39.0	6.77	6.15	39.3	6.72	6.11	39.3	6.73	6.10	39.4	6.75	6.10	39.4	6.85	6.11
		96	51.2	9.38	6.88	51.1	9.56	6.90	50.9	9.80	6.93	50.8	9.94	6.95	50.6	10.1	6.97	50.3	10.5	7.03
		120	53.7	9.91	7.39	53.5	10.1	7.41	53.3	10.4	7.44	53.1	10.6	7.46	52.9	10.8	7.48	52.5	11.2	7.53
	15	50	53.6	9.79	8.73	53.4	10.0	8.78	53.1	10.3	8.86	53.0	10.5	8.91	52.8	10.6	8.96	52.4	11.0	9.07
		60	55.0	9.90	9.62	54.7	10.1	9.67	54.5	10.4	9.74	54.3	10.6	9.78	54.1	10.8	9.83	53.6	11.2	9.93
		96	58.6	10.2	11.4	58.3	10.5	11.4	57.9	10.8	11.5	57.7	11.0	11.5	57.5	11.2	11.5	56.9	11.6	11.6
		120	59.9	10.3	12.0	59.5	10.6	12.1	59.1	11.0	12.1	58.9	11.2	12.1	58.6	11.4	12.2	58.1	11.8	12.2
	20	50	63.3	10.7	12.5	62.9	11.0	12.6	62.4	11.3	12.7	62.1	11.5	12.7	61.9	11.8	12.8	60.4	11.8	13.0
		60	63.7	10.7	13.7	63.3	11.0	13.8	62.8	11.4	13.9	62.5	11.6	13.9	62.2	11.8	14.0	60.4	11.7	14.2
		96	64.8	10.8	16.0	64.3	11.1	16.0	63.8	11.5	16.1	63.6	11.7	16.1	63.3	11.9	16.2	60.4	11.3	16.3
		120	65.1	10.9	16.8	64.7	11.2	16.8	64.2	11.6	16.9	63.9	11.8	16.9	63.6	12.0	16.9	60.4	11.2	17.1
	25	50	69.4	11.3	16.7	68.9	11.6	16.8	68.3	12.0	16.9	67.1	11.9	17.1	64.8	11.3	17.3	60.4	10.1	17.8
		60	69.8	11.3	18.0	69.3	11.7	18.1	68.7	12.1	18.2	67.1	11.7	18.4	64.8	11.1	18.6	60.4	9.99	19.0
		96	71.0	11.5	20.6	70.4	11.8	20.6	69.3	12.0	20.7	67.1	11.4	20.8	64.8	10.8	21.0	60.4	9.71	21.2
		120	71.4	11.5	21.4	70.8	11.9	21.5	69.3	11.9	21.6	67.1	11.3	21.7	64.8	10.7	21.8	60.4	9.63	22.0
	30	50	75.5	11.9	20.9	73.8	11.9	21.1	69.3	10.8	21.6	67.1	10.3	21.9	64.8	9.76	22.1	60.4	8.78	22.6
		60	75.9	12.0	22.4	73.8	11.7	22.6	69.3	10.7	23.0	67.1	10.2	23.2	64.8	9.66	23.4	60.4	8.69	23.8
		96	77.2	12.1	25.1	73.8	11.4	25.3	69.3	10.4	25.6	67.1	9.88	25.7	64.8	9.39	25.9	60.4	8.46	26.1
		120	77.6	12.2	26.1	73.8	11.3	26.3	69.3	10.3	26.5	67.1	9.79	26.6	64.8	9.31	26.7	60.4	8.39	26.9
	35	50	78.2	11.4	25.4	73.8	10.4	25.9	69.3	9.46	26.4	67.1	9.02	26.7	64.8	8.58	26.9	60.4	7.74	27.5
		60	78.2	11.2	27.0	73.8	10.3	27.4	69.3	9.36	27.8	67.1	8.92	28.1	64.8	8.49	28.3	60.4	7.67	28.7
		96	78.2	10.9	30.0	73.8	10.00	30.2	69.3	9.11	30.5	67.1	8.68	30.6	64.8	8.27	30.8	60.4	7.47	31.0
		120	78.2	10.8	31.0	73.8	9.91	31.2	69.3	9.03	31.4	67.1	8.61	31.5	64.8	8.20	31.6	60.4	7.41	31.8
	40	50	78.2	10.9	30.4	73.8	10.0	30.9	69.3	9.15	31.4	67.1	8.73	31.6	64.8	8.32	31.9	60.4	7.53	32.4
		60	78.2	10.8	32.0	73.8	9.92	32.4	69.3	9.06	32.8	67.1	8.64	33.0	64.8	8.24	33.2	60.4	7.46	33.7
		96	78.2	10.5	34.9	73.8	9.66	35.2	69.3	8.82	35.5	67.1	8.42	35.6	64.8	8.03	35.8	60.4	7.27	36.0
		120	78.2	10.4	36.0	73.8	9.57	36.2	69.3	8.75	36.4	67.1	8.35	36.5	64.8	7.96	36.6	60.4	7.22	36.8
	45	50	78.2	10.6	35.3	73.8	9.71	35.8	69.3	8.89	36.3	67.1	8.49	36.6	64.8	8.10	36.9	60.4	7.35	37.4
		60	78.2	10.5	36.9	73.8	9.61	37.3	69.3	8.80	37.8	67.1	8.40	38.0	64.8	7.37	38.1	60.4	7.27	38.7
		96	78.2	10.2	39.9	73.8	9.36	40.2	69.3	8.57	40.5	67.1	8.19	40.6	64.8	7.82	40.7	60.4	7.09	41.0
		120	78.2	10.1	40.9	73.8	9.28	41.1	69.3	8.50	41.4	67.1	8.13	41.5	64.8	7.12	41.6	60.4	7.04	41.8
100	10	50	33.5	5.88	6.04	33.9	5.73	5.96	34.2	5.65	5.91	34.3	5.63	5.89	34.4	5.63	5.88	34.4	5.68	5.88
		60	39.2	6.73	6.12	39.3	6.73	6.10	39.4	6.78	6.10	39.4	6.83	6.11	39.4	6.90	6.12	39.2	7.08	6.16
		96	51.0	9.70	6.92	50.8	9.95	6.95	50.5	10.2	7.00	50.3	10.4	7.02	50.1	10.6	7.05	49.7	11.0	7.11
		120	53.4	10.3	7.43	53.1	10.6	7.46	52.7	10.9	7.50	52.5	11.1	7.53	52.3	11.3	7.55	51.8	11.7	7.60
	15	50	53.2	10.2	8.83	53.0	10.5	8.91	52.6	10.8	9.00	52.4	11.0	9.06	52.2	11.2	9.12	51.7	11.6	9.25
		60	54.6	10.3	9.71	54.3	10.6	9.78	53.9	10.9	9.87	53.7	11.1	9.92	53.5	11.3	9.97	53.0	11.8	10.1
		96	58.1	10.7	11.5	57.7	11.0	11.5	57.2	11.4	11.6	57.0	11.6	11.6	56.7	11.8	11.6	54.9	11.6	11.8
		120	59.3	10.8	12.1	58.9	11.2	12.1	58.4	11.5	12.2	58.2	11.7	12.2	57.9	11.9	12.3	54.9	11.2	12.4
	20	50	62.6	11.2	12.6	62.1	11.5	12.7	61.6	11.9	12.9	61.0	12.0	13.0	59.0	11.4	13.2	54.9	10.2	13.6
		60	63.0	11.2	13.8	62.5	11.6	13.9	62.0	12.0	14.0	61.0	11.8	14.1	59.0	11.2	14.3	54.9	10.1	14.6
		96	64.1	11.4	16.1	63.6	11.7	16.1	63.0	12.1	16.2	61.0	11.5	16.3	59.0	10.9	16.4	54.9	9.80	16.6
		120	64.4	11.4	16.8	63.9	11.8	16.9	63.0	12.0	17.0	61.0	11.4	17.0	59.0	10.8	17.1	54.9	9.71	17.3
	25	50	68.5	11.9	16.9	67.0	11.9	17.1	63.0	10.8	17.5	61.0	10.2	17.7	59.0	9.73	17.9	54.9	8.76	18.4
		60	69.0	11.9	18.2	67.0	11.7	18.4	63.0	10.6	18.7	61.0	10.1	18.9	59.0	9.63	19.1	54.9	8.67	19.5
		96	70.1	12.0	20.7	67.0	11.4	20.8	63.0	10.4	21.1	61.0	9.85	21.2	59.0	9.37	21.3	54.9	8.44	21.5
		120	70.4	12.1	21.5	67.0	11.3	21.7	63.0	10.3	21.9	61.0	9.77	21.9	59.0	9.29	22.0	54.9	8.36	22.2
	30	50	71.1	11.2	21.4	67.0	10.3	21.9	63.0	9.35	22.3	61.0	8.91	22.5	59.0	8.48	22.8	54.9	7.65	23.2
		60	71.1	11.1	22.8	67.0	10.2	23.2	63.0	9.25	23.6	61.0	8.81	23.8	59.0	8.39	24.0	54.9	7.57	24.3
		96	71.1	10.8	25.5	67.0	9.87	25.7	63.0	9.00	26.0	61.0	8.58	26.1	59.0	8.17	26.2	54.9	7.38	26.5
		120	71.1	10.7	26.4	67.0	9.79	26.6	63.0	8.92	26.8	61.0	8.51	26.9	59.0	8.10	27.0	54.9	7.32	27.2
	35	50	71.1	9.83	26.2	67.0	9.01	26.7	63.0	8.23	27.1	61.0	7.85	27.4	59.0	7.48	27.6	54.9	6.78	28.1
		60	71.1	9.73	27.7	67.0	8.92	28.1	63.0	8.14	28.4	61.0	7.77	28.6	59.0	7.41	28.8	54.9	6.71	29.2
		96	71.1	9.46	30.4	67.0	8.68	30.6	63.0	7.93	30.9	61.0	7.57	31.0	59.0	7.22	31.1	54.9	6.54	31.4
		120	71.1	9.38	31.3	67.0	8.60	31.5	63.0	7.86	31.7	61.0	7.51	31.8	59.0	7.16	31.9	54.9	6.49	32.1
	40	50	71.1	9.55	31.2	67.0	8.76	31.6	63.0	8.00	32.1	61.0	7.64	32.4	59.0	7.28	32.6	54.9	6.60	33.1
		60	71.1	9.45	32.6	67.0	8.67	33.0	63.0	7.92	33.4	61.0	7.56	33.6	59.0	7.21	33.8	54.9	6.54	34.2
		96	71.1	9.20	35.4	67.0	8.44	35.6	63.0	7.72	35.9	61.0	7.37	36.0	59.0	7.03	36.1	54.9	6.38	36.4
		120	71.1	9.12	36.3	67.0	8.37	36.5	63.0	7.65	36.7	61.0	7.31	36.8	59.0	6.97	36.9	54.9	6.33	37.1
	45	50	71.1	9.33	36.1	67.0	8.56	36.6	63.0	7.82	37.1	61.0	7.47	37.3	59.0	7.12	37.6	54.9	6.46	38.1
		60	71.1	9.23	37.6	67.0	8.47	38.0	63.0	7.74	38.4	61.0	7.39	38.6	59.0	7.05	38.8	54.9	6.40	39.2
		96	71.1	8.98	40.4	67.0	8.24	40.6	63.0	7.54	40.9	61.0	7.20	41.0	59.0	6.87	41.1	54.9	6.24	41.4
		120	71.1	8.90	41.3	67.0	8.17	41.5	63.0	7.48	41.7	61.0	7.14	41.8	59.0	6.82	41.9	54.9	6.19	42.1

3 Capacity tables

3 - 3 Heating capacity tables

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
90	10	50	34.1	5.66	5.92	34.3	5.63	5.89	34.4	5.65	5.88	34.4	5.68	5.88	34.4	5.72	5.89	34.3	5.86	5.92
		60	39.4	6.76	6.10	39.4	6.85	6.11	39.3	6.99	6.14	39.2	7.08	6.16	39.2	7.18	6.18	38.9	7.42	6.24
		96	50.6	10.2	6.98	50.3	10.5	7.03	49.9	10.8	7.08	49.7	11.0	7.11	49.5	11.2	7.14	49.0	11.6	7.21
		120	52.8	10.8	7.49	52.5	11.2	7.53	52.1	11.5	7.58	51.8	11.7	7.60	51.6	11.9	7.63	49.4	11.4	7.73
	15	50	52.7	10.7	8.98	52.4	11.0	9.08	52.0	11.4	9.19	51.7	11.6	9.25	51.5	11.8	9.31	49.4	11.4	9.54
		60	54.0	10.9	9.85	53.6	11.2	9.93	53.2	11.6	10.0	52.9	11.8	10.1	52.7	12.0	10.1	49.4	10.9	10.4
		96	57.4	11.3	11.6	56.9	11.6	11.6	56.4	12.0	11.7	54.9	11.6	11.8	53.1	11.0	11.9	49.4	9.85	12.0
		120	58.5	11.4	12.2	58.1	11.8	12.2	56.7	11.7	12.3	54.9	11.2	12.4	53.1	10.6	12.5	49.4	9.52	12.6
	20	50	61.7	11.8	12.8	60.3	11.8	13.0	56.7	10.7	13.4	54.9	10.2	13.6	53.1	9.67	13.8	49.4	8.70	14.2
		60	62.1	11.9	14.0	60.3	11.6	14.2	56.7	10.6	14.5	54.9	10.1	14.6	53.1	9.57	14.8	49.4	8.61	15.1
		96	63.1	12.0	16.2	60.3	11.3	16.3	56.7	10.3	16.5	54.9	9.79	16.6	53.1	9.31	16.7	49.4	8.38	16.9
		120	63.5	12.0	16.9	60.3	11.2	17.1	56.7	10.2	17.2	54.9	9.70	17.3	53.1	9.23	17.4	49.4	8.31	17.5
	25	50	64.0	11.0	17.4	60.3	10.1	17.8	56.7	9.18	18.2	54.9	8.75	18.4	53.1	8.33	18.6	49.4	7.52	19.0
		60	64.0	10.9	18.7	60.3	9.97	19.0	56.7	9.09	19.3	54.9	8.66	19.5	53.1	8.24	19.6	49.4	7.45	20.0
		96	64.0	10.6	21.0	60.3	9.70	21.2	56.7	8.84	21.4	54.9	8.43	21.5	53.1	8.03	21.6	49.4	7.26	21.9
		120	64.0	10.5	21.8	60.3	9.62	22.0	56.7	8.77	22.1	54.9	8.36	22.2	53.1	7.96	22.3	49.4	7.20	22.5
	30	50	64.0	9.57	22.2	60.3	8.77	22.6	56.7	8.01	23.0	54.9	7.65	23.2	53.1	7.29	23.4	49.4	6.61	23.9
		60	64.0	9.46	23.5	60.3	8.68	23.8	56.7	7.93	24.2	54.9	7.57	24.3	53.1	7.22	24.5	49.4	6.54	24.9
		96	64.0	9.21	25.9	60.3	8.45	26.1	56.7	7.72	26.3	54.9	7.38	26.5	53.1	7.04	26.6	49.4	6.38	26.8
		120	64.0	9.13	26.7	60.3	8.38	26.9	56.7	7.66	27.1	54.9	7.31	27.2	53.1	6.98	27.2	49.4	6.33	27.4
	35	50	64.0	8.42	27.0	60.3	7.74	27.5	56.7	7.09	27.9	54.9	6.77	28.1	53.1	6.47	28.3	49.4	5.88	28.8
		60	64.0	8.33	28.4	60.3	7.66	28.7	56.7	7.02	29.1	54.9	6.71	29.2	53.1	6.41	29.4	49.4	5.83	29.8
		96	64.0	8.11	30.8	60.3	7.46	31.1	56.7	6.84	31.3	54.9	6.54	31.4	53.1	6.25	31.5	49.4	5.69	31.7
		120	64.0	8.04	31.7	60.3	7.40	31.8	56.7	6.78	32.0	54.9	6.49	32.1	53.1	6.20	32.2	49.4	5.64	32.4
	40	50	64.0	8.17	32.0	60.3	7.53	32.4	56.7	6.91	32.9	54.9	6.60	33.1	53.1	6.31	33.3	49.4	5.73	33.7
		60	64.0	8.08	33.3	60.3	7.45	33.7	56.7	6.84	34.0	54.9	6.54	34.2	53.1	6.25	34.4	49.4	5.68	34.8
		96	64.0	7.88	35.8	60.3	7.27	36.0	56.7	6.67	36.3	54.9	6.38	36.4	53.1	6.09	36.5	49.4	5.55	36.7
		120	64.0	7.81	36.6	60.3	7.21	36.8	56.7	6.61	37.0	54.9	6.33	37.1	53.1	6.04	37.2	49.4	5.50	37.4
	45	50	64.0	7.95	37.0	60.3	7.34	37.4	56.7	6.74	37.8	54.9	6.44	38.1	53.1	6.15	38.3	49.4	5.59	38.7
		60	64.0	7.88	38.3	60.3	7.26	38.7	56.7	6.67	39.0	54.9	6.38	39.2	53.1	5.61	39.3	49.4	5.54	39.8
		96	64.0	7.68	40.8	60.3	7.08	41.0	56.7	6.50	41.3	54.9	6.22	41.4	53.1	5.48	41.4	49.4	5.41	41.7
		120	64.0	7.62	41.6	60.3	7.03	41.8	56.7	6.45	42.0	54.9	6.17	42.1	53.1	5.89	42.2	49.4	5.37	42.4
80	10	50	34.4	5.65	5.88	34.4	5.71	5.88	34.4	5.82	5.91	34.3	5.88	5.92	34.3	5.96	5.95	34.1	6.16	6.00
		60	39.3	6.98	6.14	39.2	7.15	6.17	39.0	7.35	6.22	38.9	7.46	6.25	38.7	7.59	6.28	38.4	7.87	6.35
		96	49.9	10.8	7.08	49.5	11.1	7.13	49.1	11.5	7.19	48.8	11.6	7.23	47.2	11.0	7.30	43.9	9.89	7.46
		120	52.1	11.5	7.58	51.7	11.9	7.62	50.4	11.8	7.69	48.8	11.2	7.76	47.2	10.6	7.82	43.9	9.56	7.95
	15	50	52.0	11.4	9.18	51.6	11.7	9.29	50.4	11.7	9.45	48.8	11.1	9.60	47.2	10.6	9.75	43.9	9.49	10.1
		60	53.2	11.5	10.0	52.8	11.9	10.1	50.4	11.2	10.3	48.8	10.7	10.4	47.2	10.2	10.6	43.9	9.12	10.8
		96	56.4	12.0	11.7	53.6	11.2	11.8	50.4	10.1	12.0	48.8	9.66	12.1	47.2	9.18	12.2	43.9	8.27	12.3
		120	56.9	11.8	12.3	53.6	10.8	12.4	50.4	9.80	12.6	48.8	9.34	12.6	47.2	8.88	12.7	43.9	8.01	12.9
	20	50	56.9	10.7	13.4	53.6	9.83	13.7	50.4	8.96	14.1	48.8	8.54	14.2	47.2	8.13	14.4	43.9	7.35	14.8
		60	56.9	10.6	14.5	53.6	9.73	14.8	50.4	8.86	15.0	48.8	8.45	15.2	47.2	8.05	15.3	43.9	7.27	15.6
		96	56.9	10.3	16.5	53.6	9.46	16.7	50.4	8.63	16.9	48.8	8.23	17.0	47.2	7.84	17.1	43.9	7.09	17.3
		120	56.9	10.2	17.2	53.6	9.38	17.4	50.4	8.55	17.5	48.8	8.16	17.6	47.2	7.77	17.6	43.9	7.03	17.8
	25	50	56.9	9.23	18.2	53.6	8.46	18.5	50.4	7.74	18.9	48.8	7.39	19.1	47.2	7.05	19.3	43.9	6.39	19.6
		60	56.9	9.13	19.3	53.6	8.38	19.6	50.4	7.66	19.9	48.8	7.31	20.0	47.2	6.98	20.2	43.9	6.33	20.5
		96	56.9	8.88	21.4	53.6	8.16	21.6	50.4	7.46	21.8	48.8	7.13	21.9	47.2	6.80	22.0	43.9	6.17	22.2
		120	56.9	8.81	22.1	53.6	8.09	22.3	50.4	7.40	22.4	48.8	7.07	22.5	47.2	6.75	22.6	43.9	6.12	22.7
	30	50	56.9	8.05	23.0	53.6	7.40	23.4	50.4	6.79	23.7	48.8	6.49	23.9	47.2	6.20	24.1	43.9	5.64	24.5
		60	56.9	7.97	24.2	53.6	7.33	24.5	50.4	6.72	24.8	48.8	6.43	24.9	47.2	6.14	25.1	43.9	5.59	25.4
		96	56.9	7.76	26.3	53.6	7.14	26.5	50.4	6.55	26.7	48.8	6.27	26.8	47.2	5.99	26.9	43.9	5.46	27.1
		120	56.9	7.69	27.1	53.6	7.08	27.2	50.4	6.50	27.4	48.8	6.22	27.5	47.2	5.95	27.5	43.9	5.42	27.7
	35	50	56.9	7.12	27.9	53.6	6.56	28.3	50.4	6.04	28.6	48.8	5.78	28.8	47.2	5.53	29.0	43.9	5.05	29.4
		60	56.9	7.05	29.0	53.6	6.50	29.4	50.4	5.98	29.7	48.8	5.73	29.9	47.2	5.48	30.0	43.9	5.01	30.4
		96	56.9	6.87	31.3	53.6	6.34	31.5	50.4	5.84	31.7	48.8	5.59	31.8	47.2	5.36	31.9	43.9	4.90	32.1
		120	56.9	6.81	32.0	53.6	6.29	32.2	50.4	5.79	32.3	48.8	5.55	32.4	47.2	5.32	32.5	43.9	4.86	32.7
	40	50	56.9	6.94	32.8	53.6	6.40	33.2	50.4	5.89	33.6	48.8	5.64	33.8	47.2	5.40	34.0	43.9	4.93	34.4
		60	56.9	6.87	34.0	53.6	6.34	34.4	50.4	5.83	34.7	48.8	5.58	34.8	47.2	5.35	35.0	43.9	4.88	35.3
		96	56.9	6.70	36.3	53.6	6.18	36.5	50.4	5.69	36.7	48.8	5.45	36.8	47.2	5.22	36.9	43.9	4.77	37.1
		120	56.9	6.64	37.0	53.6	6.13	37.2	50.4	5.65	37.3	48.8	5.41	37.4	47.2	5.18	37.5	43.9	4.74	37.7
	45	50	56.9	6.77	37.8	53.6	6.24	38.2	50.4	5.74	38.6	48.8	5.50	38.8	47.2	5.26	39.0	43.9	4.81	39.4
		60	56.9	6.70	39.0	53.6	6.18	39.3	50.4	5.68	39.7	48.8	5.45	39.8	47.2	4.83	39.9	43.9	4.76	40.3
		96	56.9	6.53	41.2	53.6	6.03	41.4	50.4	5.55	41.7	48.8	5.32	41.8	47.2	5.09	41.9	43.9	4.66	42.1
		120	56.9	6.48	42.0	53.6	5.98	42.2	50.4	5.51	42.3	48.8	5.28	42.4	47.2	4.69	42.5	43.9	4.62	42.7

3 Capacity tables

3 - 3 Heating capacity tables

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
70	10	50	34.4	5.84	5.91	34.2	5.98	5.95	34.1	6.15	6.00	34.0	6.24	6.03	33.9	6.35	6.06	33.6	6.58	6.13
		60	39.0	7.39	6.23	38.7	7.61	6.28	38.4	7.86	6.35	38.3	7.99	6.38	38.1	8.13	6.42	37.7	8.44	6.50
		96	49.0	11.6	7.20	46.9	10.9	7.31	44.1	9.95	7.45	42.7	9.47	7.52	41.3	9.00	7.59	38.4	8.11	7.74
		120	49.8	11.6	7.72	46.9	10.6	7.83	44.1	9.62	7.94	42.7	9.16	8.00	41.3	8.71	8.06	38.4	7.86	8.17
	15	50	49.8	11.5	9.51	46.9	10.5	9.78	44.1	9.55	10.0	42.7	9.09	10.2	41.3	8.65	10.3	38.4	7.80	10.6
		60	49.8	11.0	10.4	46.9	10.1	10.6	44.1	9.18	10.8	42.7	8.75	10.9	41.3	8.32	11.1	38.4	7.51	11.3
		96	49.8	9.95	12.0	46.9	9.12	12.2	44.1	8.32	12.3	42.7	7.94	12.4	41.3	7.56	12.5	38.4	6.84	12.6
		120	49.8	9.62	12.6	46.9	8.82	12.7	44.1	8.05	12.8	42.7	7.68	12.9	41.3	7.32	13.0	38.4	6.63	13.1
	20	50	49.8	8.79	14.1	46.9	8.07	14.4	44.1	7.39	14.7	42.7	7.06	14.9	41.3	6.73	15.1	38.4	6.11	15.4
		60	49.8	8.70	15.1	46.9	7.99	15.3	44.1	7.31	15.6	42.7	6.99	15.7	41.3	6.67	15.9	38.4	6.05	16.1
		96	49.8	8.47	16.9	46.9	7.78	17.1	44.1	7.13	17.2	42.7	6.81	17.3	41.3	6.50	17.4	38.4	5.91	17.6
		120	49.8	8.40	17.5	46.9	7.72	17.7	44.1	7.07	17.8	42.7	6.75	17.9	41.3	6.45	17.9	38.4	5.86	18.1
	25	50	49.8	7.60	19.0	46.9	7.00	19.3	44.1	6.42	19.6	42.7	6.15	19.8	41.3	5.88	19.9	38.4	5.36	20.3
		60	49.8	7.52	20.0	46.9	6.93	20.2	44.1	6.36	20.5	42.7	6.09	20.6	41.3	5.82	20.8	38.4	5.31	21.0
		96	49.8	7.33	21.8	46.9	6.76	22.0	44.1	6.21	22.2	42.7	5.94	22.3	41.3	5.68	22.3	38.4	5.19	22.5
		120	49.8	7.27	22.5	46.9	6.70	22.6	44.1	6.16	22.7	42.7	5.90	22.8	41.3	5.64	22.9	38.4	5.15	23.0
	30	50	49.8	6.67	23.8	46.9	6.16	24.2	44.1	5.67	24.5	42.7	5.44	24.7	41.3	5.21	24.8	38.4	4.77	25.2
		60	49.8	6.61	24.8	46.9	6.10	25.1	44.1	5.62	25.4	42.7	5.39	25.5	41.3	5.16	25.7	38.4	4.73	26.0
		96	49.8	6.44	26.8	46.9	5.96	26.9	44.1	5.49	27.1	42.7	5.27	27.2	41.3	5.05	27.3	38.4	4.62	27.5
		120	49.8	6.39	27.4	46.9	5.91	27.5	44.1	5.45	27.7	42.7	5.23	27.8	41.3	5.01	27.8	38.4	4.59	28.0
	35	50	49.8	5.94	28.7	46.9	5.50	29.1	44.1	5.08	29.4	42.7	4.88	29.6	41.3	4.68	29.8	38.4	4.30	30.1
		60	49.8	5.88	29.8	46.9	5.45	30.0	44.1	5.04	30.3	42.7	4.84	30.5	41.3	4.64	30.6	38.4	4.26	30.9
		96	49.8	5.74	31.7	46.9	5.32	31.9	44.1	4.92	32.1	42.7	4.73	32.2	41.3	4.54	32.3	38.4	4.17	32.4
		120	49.8	5.70	32.4	46.9	5.28	32.5	44.1	4.89	32.7	42.7	4.69	32.7	41.3	4.51	32.8	38.4	4.15	33.0
	40	50	49.8	5.79	33.7	46.9	5.36	34.0	44.1	4.95	34.4	42.7	4.76	34.6	41.3	4.56	34.7	38.4	4.19	35.1
		60	49.8	5.73	34.7	46.9	5.31	35.0	44.1	4.91	35.3	42.7	4.71	35.5	41.3	4.52	35.6	38.4	4.16	35.9
		96	49.8	5.60	36.7	46.9	5.19	36.9	44.1	4.80	37.1	42.7	4.61	37.2	41.3	4.43	37.2	38.4	4.07	37.4
		120	49.8	5.55	37.4	46.9	5.15	37.5	44.1	4.76	37.7	42.7	4.58	37.7	41.3	4.39	37.8	38.4	4.04	37.9
	45	50	49.8	5.64	38.7	46.9	5.23	39.0	44.1	4.83	39.4	42.7	4.64	39.5	41.3	4.45	39.7	38.4	4.09	40.1
		60	49.8	5.59	39.7	46.9	5.18	40.0	44.1	4.79	40.3	42.7	4.60	40.5	41.3	4.41	40.6	38.4	4.05	40.9
		96	49.8	5.46	41.7	46.9	5.06	41.9	44.1	4.68	42.1	42.7	4.49	42.1	41.3	4.31	42.2	38.4	3.97	42.4
		120	49.8	5.42	42.4	46.9	5.02	42.5	44.1	4.64	42.6	42.7	4.46	42.7	41.3	4.28	42.8	38.4	3.94	42.9
60	10	50	34.0	6.24	6.03	33.8	6.43	6.08	33.5	6.64	6.15	33.4	6.75	6.19	33.2	6.88	6.22	32.9	7.13	6.31
		60	38.3	7.99	6.38	38.0	8.24	6.45	37.7	8.51	6.52	36.6	8.17	6.61	35.4	7.75	6.70	32.9	6.96	6.90
		96	42.7	9.46	7.52	40.2	8.67	7.64	37.8	7.92	7.77	36.6	7.55	7.83	35.4	7.20	7.90	32.9	6.52	8.03
		120	42.7	9.15	8.00	40.2	8.40	8.10	37.8	7.68	8.20	36.6	7.33	8.25	35.4	6.99	8.31	32.9	6.34	8.41
	15	50	42.7	9.09	10.2	40.2	8.34	10.4	37.8	7.62	10.7	36.6	7.28	10.8	35.4	6.94	10.9	32.9	6.29	11.2
		60	42.7	8.74	10.9	40.2	8.02	11.2	37.8	7.34	11.4	36.6	7.01	11.5	35.4	6.69	11.6	32.9	6.07	11.8
		96	42.7	7.93	12.4	40.2	7.29	12.5	37.8	6.69	12.7	36.6	6.40	12.7	35.4	6.11	12.8	32.9	5.56	13.0
		120	42.7	7.68	12.9	40.2	7.07	13.0	37.8	6.49	13.1	36.6	6.20	13.2	35.4	5.93	13.2	32.9	5.40	13.4
	20	50	42.7	7.05	14.9	40.2	6.50	15.2	37.8	5.98	15.4	36.6	5.73	15.6	35.4	5.48	15.7	32.9	5.01	16.0
		60	42.7	6.98	15.7	40.2	6.44	16.0	37.8	5.92	16.2	36.6	5.67	16.3	35.4	5.43	16.4	32.9	4.96	16.7
		96	42.7	6.80	17.3	40.2	6.28	17.5	37.8	5.78	17.6	36.6	5.54	17.7	35.4	5.30	17.8	32.9	4.85	17.9
		120	42.7	6.75	17.9	40.2	6.23	18.0	37.8	5.74	18.1	36.6	5.50	18.1	35.4	5.26	18.2	32.9	4.81	18.3
	25	50	42.7	6.14	19.8	40.2	5.68	20.0	37.8	5.24	20.3	36.6	5.03	20.5	35.4	4.83	20.6	32.9	4.43	20.9
		60	42.7	6.08	20.6	40.2	5.63	20.9	37.8	5.20	21.1	36.6	4.99	21.2	35.4	4.78	21.3	32.9	4.39	21.6
		96	42.7	5.94	22.3	40.2	5.50	22.4	37.8	5.08	22.6	36.6	4.88	22.6	35.4	4.68	22.7	32.9	4.30	22.9
		120	42.7	5.89	22.8	40.2	5.46	22.9	37.8	5.04	23.0	36.6	4.84	23.1	35.4	4.64	23.2	32.9	4.27	23.3
	30	50	42.7	5.44	24.7	40.2	5.05	25.0	37.8	4.67	25.3	36.6	4.49	25.4	35.4	4.32	25.5	32.9	3.97	25.8
		60	42.7	5.39	25.5	40.2	5.00	25.8	37.8	4.63	26.0	36.6	4.45	26.2	35.4	4.28	26.3	32.9	3.94	26.5
		96	42.7	5.26	27.2	40.2	4.89	27.4	37.8	4.53	27.5	36.6	4.36	27.6	35.4	4.19	27.7	32.9	3.86	27.8
		120	42.7	5.22	27.8	40.2	4.85	27.9	37.8	4.50	28.0	36.6	4.33	28.1	35.4	4.16	28.1	32.9	3.84	28.3
	35	50	42.7	4.87	29.6	40.2	4.54	29.9	37.8	4.22	30.2	36.6	4.06	30.3	35.4	3.91	30.5	32.9	3.61	30.8
		60	42.7	4.83	30.5	40.2	4.50	30.7	37.8	4.18	31.0	36.6	4.03	31.1	35.4	3.88	31.2	32.9	3.59	31.5
		96	42.7	4.72	32.2	40.2	4.40	32.3	37.8	4.10	32.5	36.6	3.95	32.6	35.4	3.80	32.6	32.9	3.52	32.8
		120	42.7	4.69	32.7	40.2	4.37	32.9	37.8	4.07	33.0	36.6	3.92	33.0	35.4	3.78	33.1	32.9	3.50	33.2
	40	50	42.7	4.75	34.6	40.2	4.43	34.9	37.8	4.11	35.2	36.6	3.96	35.3	35.4	3.81	35.5	32.9	3.52	35.8
		60	42.7	4.71	35.5	40.2	4.39	35.7	37.8	4.08	36.0	36.6	3.93	36.1	35.4	3.78	36.2	32.9	3.50	36.5
		96	42.7	4.61	37.2	40.2	4.29	37.3	37.8	3.99	37.5	36.6	3.85	37.6	35.4	3.71	37.6	32.9	3.43	37.8
		120	42.7	4.57	37.7	40.2	4.26	37.9	37.8	3.97	38.0	36.6	3.82	38.0	35.4	3.68	38.1	32.9	3.41	38.2
	45	50	42.7	4.63	39.5	40.2	4.31	39.9	37.8	4.01	40.2	36.6	3.86	40.3	35.4	3.72	40.5	32.9	3.44	40.8
		60	42.7	4.59	40.5	40.2	4.28	40.7	37.8	3.98	41.0	36.6	3.83	41.1	35.4	3.69	41.2	32.9	3.41	41.5
		96	42.7	4.49	42.2	40.2	4.19	42.3	37.8	3.89	42.5	36.6	3.75	42.5	35.4	3.61	42.6	32.9	3.34	42.8
		120	42.7	4.46	42.7	40.2	4.16	42.8	37.8	3.87	43.0	36.6	3.73	43.0	35.4	3.59	43.1	32.9	3.32	43.2

3 Capacity tables

3 - 3 Heating capacity tables

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
50	10	50	33.2	6.86	6.22	33.0	7.07	6.29	31.5	6.68	6.44	30.5	6.35	6.54	29.5	6.04	6.64	27.5	5.42	6.84
		60	35.5	7.81	6.69	33.5	7.14	6.85	31.5	6.51	7.01	30.5	6.20	7.10	29.5	5.90	7.18	27.5	5.33	7.36
		96	35.5	7.25	7.89	33.5	6.68	8.00	31.5	6.13	8.11	30.5	5.87	8.16	29.5	5.61	8.22	27.5	5.11	8.33
		120	35.5	7.04	8.30	33.5	6.49	8.39	31.5	5.97	8.48	30.5	5.72	8.52	29.5	5.47	8.57	27.5	5.00	8.66
	15	50	35.5	6.99	10.9	33.5	6.45	11.1	31.5	5.93	11.3	30.5	5.68	11.4	29.5	5.43	11.6	27.5	4.96	11.8
		60	35.5	6.74	11.6	33.5	6.22	11.7	31.5	5.72	11.9	30.5	5.48	12.0	29.5	5.25	12.1	27.5	4.80	12.3
		96	35.5	6.15	12.8	33.5	5.69	12.9	31.5	5.25	13.0	30.5	5.04	13.1	29.5	4.83	13.2	27.5	4.43	13.3
		120	35.5	5.97	13.2	33.5	5.53	13.3	31.5	5.10	13.4	30.5	4.90	13.5	29.5	4.70	13.5	27.5	4.31	13.6
	20	50	35.5	5.52	15.7	33.5	5.12	15.9	31.5	4.73	16.2	30.5	4.55	16.3	29.5	4.37	16.4	27.5	4.02	16.6
		60	35.5	5.46	16.4	33.5	5.07	16.6	31.5	4.69	16.8	30.5	4.51	16.9	29.5	4.33	17.0	27.5	3.99	17.2
		96	35.5	5.34	17.7	33.5	4.96	17.9	31.5	4.59	18.0	30.5	4.41	18.1	29.5	4.24	18.1	27.5	3.91	18.2
		120	35.5	5.30	18.2	33.5	4.92	18.3	31.5	4.56	18.4	30.5	4.38	18.4	29.5	4.21	18.5	27.5	3.88	18.6
	25	50	35.5	4.86	20.6	33.5	4.52	20.8	31.5	4.20	21.1	30.5	4.04	21.2	29.5	3.89	21.3	27.5	3.60	21.6
		60	35.5	4.81	21.3	33.5	4.48	21.5	31.5	4.16	21.7	30.5	4.01	21.8	29.5	3.86	21.9	27.5	3.57	22.1
		96	35.5	4.71	22.7	33.5	4.39	22.8	31.5	4.08	23.0	30.5	3.93	23.0	29.5	3.78	23.1	27.5	3.50	23.2
		120	35.5	4.67	23.2	33.5	4.35	23.3	31.5	4.05	23.4	30.5	3.90	23.4	29.5	3.76	23.5	27.5	3.48	23.6
	30	50	35.5	4.34	25.5	33.5	4.05	25.8	31.5	3.78	26.0	30.5	3.65	26.2	29.5	3.52	26.3	27.5	3.27	26.5
		60	35.5	4.30	26.3	33.5	4.02	26.5	31.5	3.75	26.7	30.5	3.62	26.8	29.5	3.49	26.9	27.5	3.24	27.1
		96	35.5	4.21	27.7	33.5	3.94	27.8	31.5	3.68	27.9	30.5	3.55	28.0	29.5	3.42	28.1	27.5	3.18	28.2
		120	35.5	4.18	28.1	33.5	3.91	28.2	31.5	3.65	28.3	30.5	3.53	28.4	29.5	3.40	28.4	27.5	3.16	28.5
	35	50	35.5	3.93	30.5	33.5	3.68	30.7	31.5	3.45	31.0	30.5	3.33	31.1	29.5	3.22	31.2	27.5	3.00	31.5
		60	35.5	3.90	31.2	33.5	3.66	31.4	31.5	3.42	31.6	30.5	3.31	31.8	29.5	3.20	31.9	27.5	2.98	32.1
		96	35.5	3.82	32.6	33.5	3.58	32.8	31.5	3.36	32.9	30.5	3.25	33.0	29.5	3.14	33.0	27.5	2.93	33.2
		120	35.5	3.80	33.1	33.5	3.56	33.2	31.5	3.34	33.3	30.5	3.23	33.4	29.5	3.12	33.4	27.5	2.91	33.5
	40	50	35.5	3.83	35.5	33.5	3.59	35.7	31.5	3.36	36.0	30.5	3.25	36.1	29.5	3.14	36.2	27.5	2.93	36.5
		60	35.5	3.80	36.2	33.5	3.56	36.4	31.5	3.34	36.6	30.5	3.22	36.7	29.5	3.12	36.9	27.5	2.91	37.1
		96	35.5	3.73	37.6	33.5	3.49	37.8	31.5	3.27	37.9	30.5	3.17	38.0	29.5	3.06	38.0	27.5	2.86	38.2
		120	35.5	3.70	38.1	33.5	3.47	38.2	31.5	3.25	38.3	30.5	3.15	38.4	29.5	3.04	38.4	27.5	2.84	38.5
	45	50	35.5	3.74	40.4	33.5	3.50	40.7	31.5	3.28	41.0	30.5	3.17	41.1	29.5	3.06	41.2	27.5	2.85	41.5
		60	35.5	3.71	41.2	33.5	3.48	41.4	31.5	3.25	41.6	30.5	3.14	41.7	29.5	3.04	41.8	27.5	2.83	42.1
		96	35.5	3.63	42.6	33.5	3.41	42.8	31.5	3.19	42.9	30.5	3.09	43.0	29.5	2.98	43.0	27.5	2.78	43.2
		120	35.5	3.61	43.1	33.5	3.39	43.2	31.5	3.17	43.3	30.5	3.07	43.4	29.5	2.97	43.4	27.5	2.77	43.5

3 Capacity tables

3 - 3 Heating capacity tables

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																		
			16.0			18.0			20.0			21.0			22.0			24.0			
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
130	10	50	44.4	11.7	6.88	46.2	10.7	6.61	47.8	9.93	6.38	48.5	9.60	6.28	49.1	9.30	6.19	50.2	8.84	6.05
		60	55.1	11.7	6.54	56.4	11.1	6.39	57.4	10.6	6.27	57.8	10.4	6.22	58.2	10.3	6.18	58.7	10.1	6.13
		96	76.4	13.8	6.89	76.7	13.8	6.87	76.8	13.9	6.87	76.8	14.0	6.87	76.8	14.2	6.88	76.5	14.5	6.91
		120	80.5	14.4	7.37	80.7	14.4	7.36	80.6	14.6	7.37	80.6	14.8	7.38	80.4	15.0	7.39	80.1	15.4	7.43
	15	50	80.3	14.2	8.69	80.5	14.3	8.68	80.4	14.5	8.70	80.4	14.6	8.72	80.3	14.8	8.74	79.9	15.2	8.82
		60	82.6	14.2	9.56	82.7	14.4	9.56	82.6	14.6	9.59	82.5	14.8	9.61	82.3	15.0	9.64	81.9	15.4	9.71
		96	88.5	14.4	11.3	88.4	14.7	11.3	88.2	15.0	11.4	88.0	15.2	11.4	87.7	15.5	11.4	87.1	16.0	11.5
		120	90.6	14.5	12.0	90.5	14.8	12.0	90.1	15.2	12.0	89.9	15.4	12.0	89.6	15.7	12.1	89.0	16.2	12.1
	20	50	96.2	14.9	12.2	95.9	15.2	12.3	95.4	15.6	12.4	95.1	15.9	12.4	94.7	16.2	12.5	94.0	16.8	12.6
		60	96.9	14.9	13.5	96.5	15.3	13.5	96.0	15.7	13.6	95.7	16.0	13.6	95.4	16.2	13.7	94.6	16.8	13.8
		96	98.6	15.0	15.8	98.2	15.4	15.9	97.7	15.9	15.9	97.3	16.1	16.0	97.0	16.4	16.0	96.1	17.0	16.1
		120	99.2	15.1	16.7	98.7	15.4	16.7	98.2	15.9	16.7	97.9	16.2	16.7	97.5	16.4	16.8	96.6	17.1	16.8
	25	50	106	15.6	16.4	105	16.0	16.5	105	16.5	16.6	104	16.8	16.6	104	17.1	16.7	103	17.8	16.9
		60	107	15.6	17.8	106	16.1	17.8	105	16.6	17.9	105	16.9	18.0	104	17.2	18.0	103	17.8	18.2
		96	109	15.8	20.4	108	16.3	20.4	107	16.8	20.5	107	17.1	20.5	106	17.4	20.6	105	18.0	20.7
		120	109	15.8	21.3	108	16.3	21.3	108	16.8	21.4	107	17.1	21.4	107	17.4	21.4	106	18.1	21.5
	30	50	116	16.4	20.5	115	16.9	20.6	114	17.5	20.8	113	17.8	20.9	113	18.1	20.9	107	16.9	21.4
		60	116	16.5	22.0	116	17.0	22.2	115	17.6	22.3	114	17.9	22.3	114	18.2	22.4	107	16.8	22.8
		96	118	16.7	24.9	117	17.2	25.0	117	17.7	25.1	116	18.0	25.1	115	18.2	25.2	107	16.3	25.5
		120	119	16.7	25.9	118	17.2	26.0	117	17.8	26.0	117	18.1	26.1	115	18.0	26.1	107	16.1	26.4
	35	50	125	17.3	24.7	124	17.8	24.8	123	18.3	25.0	119	17.4	25.3	115	16.5	25.6	107	14.8	26.2
		60	126	17.4	26.3	125	17.9	26.5	123	18.1	26.7	119	17.2	26.9	115	16.3	27.1	107	14.7	27.6
		96	128	17.6	29.5	127	18.1	29.6	123	17.6	29.8	119	16.7	29.9	115	15.9	30.1	107	14.3	30.4
		120	129	17.6	30.6	128	18.2	30.6	123	17.4	30.8	119	16.6	30.9	115	15.8	31.1	107	14.2	31.3
	40	50	135	18.2	28.9	131	17.8	29.2	123	17.6	29.9	119	16.8	30.2	115	15.9	30.5	107	14.3	31.1
		60	136	18.3	30.7	131	17.6	31.0	123	17.4	31.6	119	16.6	31.9	115	15.8	32.1	107	14.2	32.6
		96	138	18.5	34.1	131	17.1	34.3	123	16.9	34.7	119	16.1	34.9	115	15.3	35.0	107	13.8	35.4
		120	139	18.5	35.2	131	16.9	35.5	123	16.8	35.8	119	16.0	35.9	115	15.2	36.0	107	13.7	36.3
	45	50	139	18.1	33.5	131	17.3	34.2	123	17.0	34.9	119	16.2	35.2	115	15.4	35.5	107	13.9	36.1
		60	139	17.9	35.4	131	17.1	36.0	123	16.8	36.6	119	16.0	36.8	115	15.2	37.1	107	13.8	37.6
		96	139	17.4	39.0	131	16.7	39.3	123	16.4	39.7	119	15.6	39.9	115	14.8	40.0	107	13.4	40.3
		120	139	17.2	40.2	131	16.5	40.5	123	16.2	40.8	119	15.5	40.9	115	14.7	41.0	107	13.3	41.3
120	10	50	46.8	10.4	6.52	48.2	9.74	6.32	49.4	9.20	6.16	49.9	8.98	6.09	50.3	8.80	6.03	51.0	8.55	5.95
		60	56.8	10.9	6.34	57.7	10.5	6.24	58.3	10.2	6.17	58.6	10.1	6.14	58.8	10.1	6.12	59.1	10.1	6.10
		96	76.8	13.8	6.87	76.8	14.0	6.87	76.7	14.2	6.89	76.6	14.4	6.90	76.5	14.6	6.92	76.1	15.0	6.96
		120	80.7	14.5	7.37	80.6	14.7	7.38	80.4	15.1	7.40	80.2	15.3	7.41	80.0	15.5	7.43	79.5	16.0	7.47
	15	50	80.5	14.3	8.68	80.4	14.6	8.71	80.2	14.9	8.76	80.0	15.1	8.79	79.8	15.3	8.83	79.3	15.8	8.93
		60	82.7	14.4	9.57	82.5	14.7	9.60	82.3	15.1	9.65	82.1	15.3	9.68	81.8	15.5	9.72	81.3	16.1	9.81
		96	88.4	14.8	11.3	88.1	15.1	11.4	87.6	15.6	11.4	87.4	15.8	11.4	87.1	16.1	11.5	86.4	16.7	11.5
		120	90.4	14.9	12.0	90.0	15.3	12.0	89.5	15.8	12.1	89.2	16.0	12.1	88.9	16.3	12.1	88.1	16.9	12.2
	20	50	95.7	15.4	12.3	95.2	15.8	12.4	94.6	16.3	12.5	94.2	16.6	12.6	93.9	16.8	12.6	93.0	17.5	12.8
		60	96.4	15.4	13.6	95.8	15.8	13.6	95.2	16.3	13.7	94.9	16.6	13.8	94.5	16.9	13.8	93.6	17.6	13.9
		96	98.0	15.6	15.9	97.5	16.0	15.9	96.8	16.5	16.0	96.4	16.8	16.0	96.0	17.1	16.1	95.1	17.7	16.1
		120	98.6	15.6	16.7	98.0	16.0	16.7	97.3	16.6	16.8	96.9	16.8	16.8	96.5	17.1	16.8	95.6	17.8	16.9
	25	50	105	16.2	16.5	104	16.7	16.6	104	17.2	16.7	103	17.5	16.8	103	17.9	16.9	98.8	17.3	17.2
		60	106	16.3	17.9	105	16.8	18.0	104	17.3	18.1	104	17.6	18.1	103	17.9	18.2	98.8	17.1	18.5
		96	108	16.4	20.5	107	16.9	20.5	106	17.5	20.6	106	17.8	20.6	105	18.1	20.7	98.8	16.6	20.9
		120	108	16.5	21.3	107	17.0	21.4	107	17.6	21.5	106	17.9	21.5	106	18.2	21.5	98.8	16.5	21.7
	30	50	115	17.1	20.7	114	17.6	20.8	113	18.2	21.0	110	17.6	21.2	106	16.7	21.5	98.8	15.0	22.0
		60	115	17.2	22.2	114	17.7	22.3	113	18.3	22.4	110	17.4	22.6	106	16.5	22.9	98.8	14.8	23.3
		96	117	17.4	25.0	116	17.9	25.1	113	17.8	25.2	110	16.9	25.4	106	16.1	25.5	98.8	14.4	25.8
		120	118	17.4	26.0	117	18.0	26.1	113	17.6	26.2	110	16.8	26.3	106	15.9	26.4	98.8	14.3	26.6
	35	50	124	18.0	24.9	121	17.8	25.2	113	16.2	25.7	110	15.4	26.0	106	14.6	26.3	98.8	13.2	26.8
		60	125	18.1	26.5	121	17.6	26.8	113	16.0	27.2	110	15.2	27.5	106	14.5	27.7	98.8	13.0	28.2
		96	127	18.3	29.6	121	17.1	29.8	113	15.6	30.1	110	14.8	30.3	106	14.1	30.4	98.8	12.7	30.7
		120	127	18.4	30.7	121	17.0	30.9	113	15.4	31.1	110	14.7	31.2	106	14.0	31.3	98.8	12.6	31.6
	40	50	128	17.2	29.4	121	17.1	30.1	113	15.6	30.7	110	14.9	30.9	106	14.1	31.2	98.8	12.8	31.8
		60	128	17.0	31.2	121	16.9	31.7	113	15.4	32.2	110	14.7	32.4	106	14.0	32.7	98.8	12.6	33.1
		96	128	16.5	34.5	121	16.5	34.8	113	15.0	35.1	110	14.3	35.3	106	13.6	35.4	98.8	12.3	35.7
		120	128	16.4	35.6	121	16.3	35.8	113	14.9	36.1	110	14.2	36.2	106	13.5	36.3	98.8	12.2	36.6
	45	50	128	16.8	34.4	121	16.5	35.0	113	15.1	35.6	110	14.4	35.9	106	13.7	36.2	98.8	12.4	36.7
		60	128	16.6	36.1	121	16.4	36.7	113	14.9	37.2	110	14.3	37.4	106	13.6	37.6	98.8	12.3	38.1
		96	128	16.1	39.4	121	15.9	39.8	113	14.5	40.1	110	13.9	40.2	106	13.2	40.4	98.8	12.0	40.7
		120	128	16.0	40.5	121	15.8	40.8	113	14.4	41.1	110	13.8	41.2	106	13.1	41.3	98.8	11.9	41.5

3 Capacity tables

3 - 3 Heating capacity tables

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
110	10	50	48.8	9.47	6.24	49.8	9.03	6.11	50.5	8.71	6.00	50.8	8.60	5.96	51.1	8.51	5.93	51.5	8.44	5.89
		60	58.0	10.3	6.21	58.5	10.2	6.15	58.9	10.1	6.11	59.0	10.1	6.10	59.1	10.1	6.10	59.1	10.3	6.11
		96	76.8	14.1	6.88	76.7	14.3	6.90	76.4	14.7	6.93	76.2	14.9	6.95	76.0	15.2	6.97	75.4	15.7	7.03
		120	80.5	14.9	7.39	80.3	15.2	7.41	79.9	15.6	7.44	79.6	15.9	7.46	79.4	16.1	7.48	78.7	16.7	7.53
	15	50	80.3	14.7	8.73	80.1	15.0	8.78	79.7	15.4	8.86	79.5	15.7	8.91	79.2	15.9	8.96	78.6	16.5	9.07
		60	82.4	14.9	9.62	82.1	15.2	9.67	81.7	15.7	9.74	81.4	15.9	9.78	81.1	16.2	9.83	80.4	16.8	9.93
		96	87.9	15.3	11.4	87.4	15.7	11.4	86.9	16.2	11.5	86.5	16.5	11.5	86.2	16.8	11.5	85.4	17.4	11.6
		120	89.8	15.5	12.0	89.3	16.0	12.1	88.7	16.5	12.1	88.3	16.7	12.1	88.0	17.0	12.2	87.1	17.7	12.2
	20	50	94.9	16.0	12.5	94.3	16.5	12.6	93.6	17.0	12.7	93.2	17.3	12.7	92.8	17.6	12.8	90.6	17.7	13.0
		60	95.6	16.1	13.7	94.9	16.5	13.8	94.2	17.1	13.9	93.8	17.4	13.9	93.4	17.7	14.0	90.6	17.5	14.2
		96	97.2	16.2	16.0	96.5	16.7	16.0	95.8	17.3	16.1	95.3	17.6	16.1	94.9	17.9	16.2	90.6	17.0	16.3
		120	97.7	16.3	16.8	97.0	16.8	16.8	96.3	17.3	16.9	95.8	17.6	16.9	95.4	17.9	16.9	90.6	16.8	17.1
	25	50	104	16.9	16.7	103	17.5	16.8	102	18.0	16.9	101	17.8	17.1	97.3	16.9	17.3	90.6	15.1	17.8
		60	105	17.0	18.0	104	17.5	18.1	103	18.1	18.2	101	17.6	18.4	97.3	16.7	18.6	90.6	15.0	19.0
		96	106	17.2	20.6	106	17.7	20.6	104	18.0	20.7	101	17.1	20.8	97.3	16.2	21.0	90.6	14.6	21.2
		120	107	17.2	21.4	106	17.8	21.5	104	17.8	21.6	101	16.9	21.7	97.3	16.1	21.8	90.6	14.4	22.0
	30	50	113	17.9	20.9	111	17.8	21.1	104	16.2	21.6	101	15.4	21.9	97.3	14.6	22.1	90.6	13.2	22.6
		60	114	18.0	22.4	111	17.6	22.6	104	16.0	23.0	101	15.2	23.2	97.3	14.5	23.4	90.6	13.0	23.8
		96	116	18.2	25.1	111	17.1	25.3	104	15.6	25.6	101	14.8	25.7	97.3	14.1	25.9	90.6	12.7	26.1
		120	116	18.2	26.1	111	17.0	26.3	104	15.4	26.5	101	14.7	26.6	97.3	14.0	26.7	90.6	12.6	26.9
	35	50	117	17.1	25.4	111	15.6	25.9	104	14.2	26.4	101	13.5	26.7	97.3	12.9	26.9	90.6	11.6	27.5
		60	117	16.9	27.0	111	15.4	27.4	104	14.0	27.8	101	13.4	28.1	97.3	12.7	28.3	90.6	11.5	28.7
		96	117	16.4	30.0	111	15.0	30.2	104	13.7	30.5	101	13.0	30.6	97.3	12.4	30.8	90.6	11.2	31.0
		120	117	16.2	31.0	111	14.9	31.2	104	13.5	31.4	101	12.9	31.5	97.3	12.3	31.6	90.6	11.1	31.8
	40	50	117	16.4	30.4	111	15.0	30.9	104	13.7	31.4	101	13.1	31.6	97.3	12.5	31.9	90.6	11.3	32.4
		60	117	16.2	32.0	111	14.9	32.4	104	13.6	32.8	101	13.0	33.0	97.3	12.4	33.2	90.6	11.2	33.7
		96	117	15.8	34.9	111	14.5	35.2	104	13.2	35.5	101	12.6	35.6	97.3	12.0	35.8	90.6	10.9	36.0
		120	117	15.7	36.0	111	14.4	36.2	104	13.1	36.4	101	12.5	36.5	97.3	11.9	36.6	90.6	10.8	36.8
	45	50	117	15.9	35.3	111	14.6	35.8	104	13.3	36.3	101	12.7	36.6	97.3	12.2	36.9	90.6	11.0	37.4
		60	117	15.7	36.9	111	14.4	37.3	104	13.2	37.8	101	12.6	38.0	97.3	12.0	38.2	90.6	10.9	38.7
		96	117	15.3	39.9	111	14.0	40.2	104	12.9	40.5	101	12.3	40.6	97.3	11.7	40.7	90.6	10.6	41.0
		120	117	15.1	40.9	111	13.9	41.1	104	12.8	41.4	101	12.2	41.5	97.3	11.6	41.6	90.6	10.6	41.8
100	10	50	50.2	8.82	6.04	50.8	8.60	5.96	51.3	8.47	5.91	51.4	8.44	5.89	51.5	8.44	5.88	51.6	8.52	5.88
		60	58.8	10.1	6.12	59.0	10.1	6.10	59.1	10.2	6.10	59.1	10.2	6.11	59.1	10.3	6.12	58.9	10.6	6.16
		96	76.5	14.5	6.92	76.2	14.9	6.95	75.7	15.4	7.00	75.5	15.6	7.02	75.2	15.9	7.05	74.5	16.5	7.11
		120	80.0	15.4	7.43	79.6	15.9	7.46	79.1	16.4	7.50	78.8	16.7	7.53	78.5	16.9	7.55	77.8	17.6	7.60
	15	50	79.9	15.3	8.83	79.5	15.7	8.91	78.9	16.2	9.00	78.6	16.5	9.06	78.3	16.7	9.12	77.6	17.4	9.25
		60	81.9	15.5	9.71	81.4	15.9	9.78	80.9	16.4	9.87	80.5	16.7	9.92	80.2	17.0	9.97	79.4	17.6	10.1
		96	87.1	16.0	11.5	86.5	16.5	11.5	85.9	17.1	11.6	85.5	17.4	11.6	85.1	17.7	11.6	82.4	17.4	11.8
		120	89.0	16.2	12.1	88.3	16.7	12.1	87.6	17.3	12.2	87.2	17.6	12.2	86.8	17.9	12.3	82.4	16.8	12.4
	20	50	93.9	16.8	12.6	93.2	17.3	12.7	92.4	17.9	12.9	91.5	18.0	13.0	88.4	17.0	13.2	82.4	15.3	13.6
		60	94.5	16.9	13.8	93.8	17.4	13.9	93.0	18.0	14.0	91.5	17.8	14.1	88.4	16.8	14.3	82.4	15.1	14.6
		96	96.1	17.0	16.1	95.3	17.6	16.1	94.5	18.2	16.2	91.5	17.3	16.3	88.4	16.4	16.4	82.4	14.7	16.6
		120	96.6	17.1	16.8	95.8	17.6	16.9	94.5	18.0	17.0	91.5	17.1	17.0	88.4	16.2	17.1	82.4	14.6	17.3
	25	50	103	17.8	16.9	101	17.8	17.1	94.5	16.1	17.5	91.5	15.4	17.7	88.4	14.6	17.9	82.4	13.1	18.4
		60	103	17.9	18.2	101	17.6	18.4	94.5	16.0	18.7	91.5	15.2	18.9	88.4	14.4	19.1	82.4	13.0	19.5
		96	105	18.1	20.7	101	17.1	20.8	94.5	15.5	21.1	91.5	14.8	21.2	88.4	14.1	21.3	82.4	12.7	21.5
		120	106	18.1	21.5	101	16.9	21.7	94.5	15.4	21.9	91.5	14.7	21.9	88.4	13.9	22.0	82.4	12.5	22.2
	30	50	107	16.8	21.4	101	15.4	21.9	94.5	14.0	22.3	91.5	13.4	22.5	88.4	12.7	22.8	82.4	11.5	23.2
		60	107	16.7	22.8	101	15.2	23.2	94.5	13.9	23.6	91.5	13.2	23.8	88.4	12.6	24.0	82.4	11.4	24.3
		96	107	16.2	25.5	101	14.8	25.7	94.5	13.5	26.0	91.5	12.9	26.1	88.4	12.3	26.2	82.4	11.1	26.5
		120	107	16.0	26.4	101	14.7	26.6	94.5	13.4	26.8	91.5	12.8	26.9	88.4	12.1	27.0	82.4	11.0	27.2
	35	50	107	14.7	26.2	101	13.5	26.7	94.5	12.3	27.1	91.5	11.8	27.4	88.4	11.2	27.6	82.4	10.2	28.1
		60	107	14.6	27.7	101	13.4	28.1	94.5	12.2	28.4	91.5	11.7	28.6	88.4	11.1	28.8	82.4	10.1	29.2
		96	107	14.2	30.4	101	13.0	30.6	94.5	11.9	30.9	91.5	11.4	31.0	88.4	10.8	31.1	82.4	9.82	31.4
		120	107	14.1	31.3	101	12.9	31.5	94.5	11.8	31.7	91.5	11.3	31.8	88.4	10.7	31.9	82.4	9.74	32.1
	40	50	107	14.3	31.2	101	13.1	31.6	94.5	12.0	32.1	91.5	11.5	32.4	88.4	10.9	32.6	82.4	9.90	33.1
		60	107	14.2	32.6	101	13.0	33.0	94.5	11.9	33.4	91.5	11.3	33.6	88.4	10.8	33.8	82.4	9.81	34.2
		96	107	13.8	35.4	101	12.7	35.6	94.5	11.6	35.9	91.5	11.1	36.0	88.4	10.5	36.1	82.4	9.57	36.4
		120	107	13.7	36.3	101	12.6	36.5	94.5	11.5	36.7	91.5	11.0	36.8	88.4	10.5	36.9	82.4	9.49	37.1
	45	50	107	14.0	36.1	101	12.8	36.6	94.5	11.7	37.1	91.5	11.2	37.3	88.4	10.7	37.6	82.4	9.69	38.1
		60	107	13.8	37.6	101	12.7	38.0	94.5	11.6	38.4	91.5	11.1	38.6	88.4	10.6	38.8	82.4	9.59	39.2
		96	107	13.5	40.4	101	12.4	40.6	94.5	11.3	40.9	91.5	10.8	41.0	88.4	10.3	41.1	82.4	9.36	41.4
		120	107	13.4	41.3	101	12.3	41.5	94.5	11.2	41.7	91.5	10.7	41.8	88.4	10.2	41.9	82.4	9.29	42.1

3 Capacity tables

3 - 3 Heating capacity tables

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
90	10	50	51.2	8.49	5.92	51.5	8.44	5.89	51.6	8.47	5.88	51.6	8.52	5.88	51.6	8.59	5.89	51.5	8.78	5.92
		60	59.1	10.1	6.10	59.1	10.3	6.11	59.0	10.5	6.14	58.9	10.6	6.16	58.7	10.8	6.18	58.4	11.1	6.24
		96	75.9	15.2	6.98	75.4	15.7	7.03	74.8	16.2	7.08	74.5	16.5	7.11	74.2	16.8	7.14	73.5	17.4	7.21
		120	79.3	16.2	7.49	78.7	16.7	7.53	78.1	17.3	7.58	77.8	17.6	7.60	77.4	17.9	7.63	74.1	17.2	7.73
	15	50	79.1	16.1	8.98	78.5	16.5	9.08	77.9	17.1	9.19	77.6	17.4	9.25	77.2	17.7	9.31	74.1	17.0	9.54
		60	81.0	16.3	9.85	80.4	16.8	9.93	79.8	17.3	10.0	79.4	17.6	10.1	79.0	18.0	10.1	74.1	16.4	10.4
		96	86.0	16.9	11.6	85.4	17.5	11.6	84.6	18.0	11.7	82.3	17.3	11.8	79.6	16.5	11.9	74.1	14.8	12.0
		120	87.8	17.2	12.2	87.1	17.7	12.2	85.1	17.6	12.3	82.3	16.7	12.4	79.6	15.9	12.5	74.1	14.3	12.6
	20	50	92.6	17.7	12.8	90.5	17.7	13.0	85.1	16.0	13.4	82.3	15.3	13.6	79.6	14.5	13.8	74.1	13.1	14.2
		60	93.2	17.8	14.0	90.5	17.5	14.2	85.1	15.9	14.5	82.3	15.1	14.6	79.6	14.4	14.8	74.1	12.9	15.1
		96	94.7	18.0	16.2	90.5	17.0	16.3	85.1	15.4	16.5	82.3	14.7	16.6	79.6	14.0	16.7	74.1	12.6	16.9
		120	95.2	18.1	16.9	90.5	16.8	17.1	85.1	15.3	17.2	82.3	14.6	17.3	79.6	13.8	17.4	74.1	12.5	17.5
	25	50	96.0	16.5	17.4	90.5	15.1	17.8	85.1	13.8	18.2	82.3	13.1	18.4	79.6	12.5	18.6	74.1	11.3	19.0
		60	96.0	16.4	18.7	90.5	15.0	19.0	85.1	13.6	19.3	82.3	13.0	19.5	79.6	12.4	19.6	74.1	11.2	20.0
		96	96.0	15.9	21.0	90.5	14.6	21.2	85.1	13.3	21.4	82.3	12.6	21.5	79.6	12.0	21.6	74.1	10.9	21.9
		120	96.0	15.8	21.8	90.5	14.4	22.0	85.1	13.2	22.1	82.3	12.5	22.2	79.6	11.9	22.3	74.1	10.8	22.5
	30	50	96.0	14.3	22.2	90.5	13.2	22.6	85.1	12.0	23.0	82.3	11.5	23.2	79.6	10.9	23.4	74.1	9.91	23.9
		60	96.0	14.2	23.5	90.5	13.0	23.8	85.1	11.9	24.2	82.3	11.4	24.3	79.6	10.8	24.5	74.1	9.81	24.9
		96	96.0	13.8	25.9	90.5	12.7	26.1	85.1	11.6	26.3	82.3	11.1	26.5	79.6	10.6	26.6	74.1	9.57	26.8
		120	96.0	13.7	26.7	90.5	12.6	26.9	85.1	11.5	27.1	82.3	11.0	27.2	79.6	10.5	27.2	74.1	9.50	27.4
	35	50	96.0	12.6	27.0	90.5	11.6	27.5	85.1	10.6	27.9	82.3	10.2	28.1	79.6	9.70	28.3	74.1	8.82	28.8
		60	96.0	12.5	28.4	90.5	11.5	28.7	85.1	10.5	29.1	82.3	10.1	29.2	79.6	9.61	29.4	74.1	8.74	29.8
		96	96.0	12.2	30.8	90.5	11.2	31.1	85.1	10.3	31.3	82.3	9.81	31.4	79.6	9.37	31.5	74.1	8.53	31.7
		120	96.0	12.1	31.7	90.5	11.1	31.8	85.1	10.2	32.0	82.3	9.73	32.1	79.6	9.30	32.2	74.1	8.47	32.4
	40	50	96.0	12.2	32.0	90.5	11.3	32.4	85.1	10.4	32.9	82.3	9.91	33.1	79.6	9.46	33.3	74.1	8.60	33.7
		60	96.0	12.1	33.3	90.5	11.2	33.7	85.1	10.3	34.0	82.3	9.81	34.2	79.6	9.37	34.4	74.1	8.52	34.8
		96	96.0	11.8	35.8	90.5	10.9	36.0	85.1	10.0	36.3	82.3	9.57	36.4	79.6	9.14	36.5	74.1	8.32	36.7
		120	96.0	11.7	36.6	90.5	10.8	36.8	85.1	9.92	37.0	82.3	9.49	37.1	79.6	9.07	37.2	74.1	8.25	37.4
	45	50	96.0	11.9	37.0	90.5	11.0	37.4	85.1	10.1	37.8	82.3	9.66	38.1	79.6	9.22	38.3	74.1	8.39	38.7
		60	96.0	11.8	38.3	90.5	10.9	38.7	85.1	10.0	39.0	82.3	9.56	39.2	79.6	9.13	39.4	74.1	8.31	39.8
		96	96.0	11.5	40.8	90.5	10.6	41.0	85.1	9.75	41.3	82.3	9.33	41.4	79.6	8.91	41.5	74.1	8.11	41.7
		120	96.0	10.5	41.6	90.5	10.5	41.8	85.1	9.67	42.0	82.3	9.25	42.1	79.6	8.84	42.2	74.1	8.05	42.4
80	10	50	51.6	8.47	5.88	51.6	8.56	5.88	51.6	8.72	5.91	51.5	8.83	5.92	51.4	8.95	5.95	51.1	9.24	6.00
		60	59.0	10.5	6.14	58.8	10.7	6.17	58.5	11.0	6.22	58.3	11.2	6.25	58.1	11.4	6.28	57.6	11.8	6.35
		96	74.9	16.2	7.08	74.3	16.7	7.13	73.7	17.2	7.19	73.2	17.4	7.23	70.7	16.5	7.30	65.9	14.8	7.46
		120	78.1	17.3	7.58	77.5	17.8	7.62	75.6	17.7	7.69	73.2	16.8	7.76	70.7	16.0	7.82	65.9	14.3	7.95
	15	50	78.0	17.1	9.18	77.3	17.6	9.29	75.6	17.6	9.45	73.2	16.7	9.60	70.7	15.9	9.75	65.9	14.2	10.1
		60	79.8	17.3	10.0	79.2	17.9	10.1	75.6	16.9	10.3	73.2	16.0	10.4	70.7	15.2	10.6	65.9	13.7	10.8
		96	84.7	18.0	11.7	80.5	16.7	11.8	75.6	15.2	12.0	73.2	14.5	12.1	70.7	13.8	12.2	65.9	12.4	12.3
		120	85.3	17.7	12.3	80.5	16.2	12.4	75.6	14.7	12.6	73.2	14.0	12.6	70.7	13.3	12.7	65.9	12.0	12.9
	20	50	85.3	16.1	13.4	80.5	14.7	13.7	75.6	13.4	14.1	73.2	12.8	14.2	70.7	12.2	14.4	65.9	11.0	14.8
		60	85.3	15.9	14.5	80.5	14.6	14.8	75.6	13.3	15.0	73.2	12.7	15.2	70.7	12.1	15.3	65.9	10.9	15.6
		96	85.3	15.5	16.5	80.5	14.2	16.7	75.6	12.9	16.9	73.2	12.3	17.0	70.7	11.8	17.1	65.9	10.6	17.3
		120	85.3	15.4	17.2	80.5	14.1	17.4	75.6	12.8	17.5	73.2	12.2	17.6	70.7	11.7	17.6	65.9	10.5	17.8
	25	50	85.3	13.8	18.2	80.5	12.7	18.5	75.6	11.6	18.9	73.2	11.1	19.1	70.7	10.6	19.3	65.9	9.58	19.6
		60	85.3	13.7	19.3	80.5	12.6	19.6	75.6	11.5	19.9	73.2	11.0	20.0	70.7	10.5	20.2	65.9	9.49	20.5
		96	85.3	13.3	21.4	80.5	12.2	21.6	75.6	11.2	21.8	73.2	10.7	21.9	70.7	10.2	22.0	65.9	9.26	22.2
		120	85.3	13.2	22.1	80.5	12.1	22.3	75.6	11.1	22.4	73.2	10.6	22.5	70.7	10.1	22.6	65.9	9.19	22.7
	30	50	85.3	12.1	23.0	80.5	11.1	23.4	75.6	10.2	23.7	73.2	9.74	23.9	70.7	9.30	24.1	65.9	8.47	24.5
		60	85.3	11.9	24.2	80.5	11.0	24.5	75.6	10.1	24.8	73.2	9.64	24.9	70.7	9.21	25.1	65.9	8.39	25.4
		96	85.3	11.6	26.3	80.5	10.7	26.5	75.6	9.83	26.7	73.2	9.41	26.8	70.7	8.99	26.9	65.9	8.19	27.1
		120	85.3	11.5	27.1	80.5	10.6	27.2	75.6	9.75	27.4	73.2	9.33	27.5	70.7	8.92	27.5	65.9	8.13	27.7
	35	50	85.3	10.7	27.9	80.5	9.85	28.3	75.6	9.06	28.6	73.2	8.67	28.8	70.7	8.30	29.0	65.9	7.58	29.4
		60	85.3	10.6	29.0	80.5	9.75	29.4	75.6	8.97	29.7	73.2	8.59	29.9	70.7	8.22	30.0	65.9	7.51	30.4
		96	85.3	10.3	31.3	80.5	9.51	31.5	75.6	8.75	31.7	73.2	8.39	31.8	70.7	8.03	31.9	65.9	7.35	32.1
		120	85.3	10.2	32.0	80.5	9.44	32.2	75.6	8.69	32.3	73.2	8.33	32.4	70.7	7.97	32.5	65.9	7.29	32.7
	40	50	85.3	10.4	32.8	80.5	9.60	33.2	75.6	8.83	33.6	73.2	8.46	33.8	70.7	8.09	34.0	65.9	7.39	34.4
		60	85.3	10.3	34.0	80.5	9.51	34.4	75.6	8.74	34.7	73.2	8.38	34.8	70.7	8.02	35.0	65.9	7.33	35.3
		96	85.3	10.0	36.3	80.5	9.27	36.5	75.6	8.54	36.7	73.2	8.18	36.8	70.7	7.83	36.9	65.9	7.16	37.1
		120	85.3	9.96	37.0	80.5	9.20	37.2	75.6	8.47	37.3	73.2	8.12	37.4	70.7	7.77	37.5	65.9	7.11	37.7
	45	50	85.3	10.1	37.8	80.5	9.36	38.2	75.6	8.61	38.6	73.2	8.24	38.8	70.7	7.89	39.0	65.9	7.21	39.4
		60	85.3	10.0	39.0	80.5	9.27	39.3	75.6	8.53	39.7	73.2	8.17	39.8	70.7	7.82	40.0	65.9	7.14	40.3
		96	85.3	9.80	41.2	80.5	9.04	41.4	75.6	8.32	41.7	73.2	7.98	41.8	70.7	7.64	41.9	65.9	6.98	42.1
		120	85.3	9.72	42.0	80.5	8.97	42.2	75.6	8.26	42.3	73.2	7.91	42.4	70.7	7.58	42.5	65.9	6.93	42.7

3 Capacity tables

3 - 3 Heating capacity tables

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
70	10	50	51.5	8.76	5.91	51.4	8.97	5.95	51.1	9.22	6.00	51.0	9.36	6.03	50.8	9.52	6.06	50.4	9.88	6.13
		60	58.4	11.1	6.23	58.1	11.4	6.28	57.7	11.8	6.35	57.4	12.0	6.38	57.2	12.2	6.42	56.6	12.7	6.50
		96	73.5	17.4	7.20	70.4	16.4	7.31	66.2	14.9	7.45	64.0	14.2	7.52	61.9	13.5	7.59	57.6	12.2	7.74
		120	74.7	17.3	7.72	70.4	15.8	7.83	66.2	14.4	7.94	64.0	13.7	8.00	61.9	13.1	8.06	57.6	11.8	8.17
	15	50	74.7	17.2	9.51	70.4	15.7	9.78	66.2	14.3	10.0	64.0	13.6	10.2	61.9	13.0	10.3	57.6	11.7	10.6
		60	74.7	16.5	10.4	70.4	15.1	10.6	66.2	13.8	10.8	64.0	13.1	10.9	61.9	12.5	11.1	57.6	11.3	11.3
		96	74.7	14.9	12.0	70.4	13.7	12.2	66.2	12.5	12.3	64.0	11.9	12.4	61.9	11.3	12.5	57.6	10.3	12.6
		120	74.7	14.4	12.6	70.4	13.2	12.7	66.2	12.1	12.8	64.0	11.5	12.9	61.9	11.0	13.0	57.6	9.95	13.1
	20	50	74.7	13.2	14.1	70.4	12.1	14.4	66.2	11.1	14.7	64.0	10.6	14.9	61.9	10.1	15.1	57.6	9.17	15.4
		60	74.7	13.1	15.1	70.4	12.0	15.3	66.2	11.0	15.6	64.0	10.5	15.7	61.9	10.0	15.9	57.6	9.08	16.1
		96	74.7	12.7	16.9	70.4	11.7	17.1	66.2	10.7	17.2	64.0	10.2	17.3	61.9	9.75	17.4	57.6	8.86	17.6
		120	74.7	12.6	17.5	70.4	11.6	17.7	66.2	10.6	17.8	64.0	10.1	17.9	61.9	9.67	17.9	57.6	8.79	18.1
	25	50	74.7	11.4	19.0	70.4	10.5	19.3	66.2	9.64	19.6	64.0	9.22	19.8	61.9	8.82	19.9	57.6	8.04	20.3
		60	74.7	11.3	20.0	70.4	10.4	20.2	66.2	9.54	20.5	64.0	9.13	20.6	61.9	8.73	20.8	57.6	7.96	21.0
		96	74.7	11.0	21.8	70.4	10.1	22.0	66.2	9.31	22.2	64.0	8.91	22.3	61.9	8.52	22.3	57.6	7.78	22.5
		120	74.7	10.9	22.5	70.4	10.1	22.6	66.2	9.24	22.7	64.0	8.84	22.8	61.9	8.46	22.9	57.6	7.72	23.0
	30	50	74.7	10.0	23.8	70.4	9.24	24.2	66.2	8.51	24.5	64.0	8.16	24.7	61.9	7.82	24.8	57.6	7.15	25.2
		60	74.7	9.91	24.8	70.4	9.15	25.1	66.2	8.43	25.4	64.0	8.08	25.5	61.9	7.74	25.7	57.6	7.09	26.0
		96	74.7	9.66	26.8	70.4	8.93	26.9	66.2	8.23	27.1	64.0	7.90	27.2	61.9	7.57	27.3	57.6	6.93	27.5
		120	74.7	9.59	27.4	70.4	8.86	27.5	66.2	8.17	27.7	64.0	7.84	27.8	61.9	7.51	27.8	57.6	6.88	28.0
	35	50	74.7	8.90	28.7	70.4	8.25	29.1	66.2	7.62	29.4	64.0	7.32	29.6	61.9	7.02	29.8	57.6	6.45	30.1
		60	74.7	8.82	29.8	70.4	8.17	30.0	66.2	7.55	30.3	64.0	7.25	30.5	61.9	6.96	30.6	57.6	6.40	30.9
		96	74.7	8.61	31.7	70.4	7.98	31.9	66.2	7.38	32.1	64.0	7.09	32.2	61.9	6.81	32.3	57.6	6.26	32.4
		120	74.7	8.55	32.4	70.4	7.92	32.5	66.2	7.33	32.7	64.0	7.04	32.7	61.9	6.76	32.8	57.6	6.22	33.0
	40	50	74.7	8.68	33.7	70.4	8.04	34.0	66.2	7.43	34.4	64.0	7.13	34.6	61.9	6.85	34.7	57.6	6.29	35.1
		60	74.7	8.60	34.7	70.4	7.97	35.0	66.2	7.36	35.3	64.0	7.07	35.5	61.9	6.79	35.6	57.6	6.24	35.9
		96	74.7	8.40	36.7	70.4	7.78	36.9	66.2	7.20	37.1	64.0	6.91	37.2	61.9	6.64	37.2	57.6	6.10	37.4
		120	74.7	8.33	37.4	70.4	7.73	37.5	66.2	7.15	37.7	64.0	6.87	37.7	61.9	6.59	37.8	57.6	6.06	37.9
	45	50	74.7	8.47	38.7	70.4	7.84	39.0	66.2	7.24	39.4	64.0	6.96	39.5	61.9	6.67	39.7	57.6	6.13	40.1
		60	74.7	8.39	39.7	70.4	7.77	40.0	66.2	7.18	40.3	64.0	6.89	40.5	61.9	6.62	40.6	57.6	6.08	40.9
		96	74.7	8.19	41.7	70.4	7.59	41.9	66.2	7.02	42.1	64.0	6.74	42.1	61.9	6.47	42.2	57.6	5.95	42.4
		120	74.7	8.12	42.4	70.4	7.53	42.5	66.2	6.97	42.6	64.0	6.69	42.7	61.9	6.43	42.8	57.6	5.91	42.9
60	10	50	50.9	9.37	6.03	50.6	9.65	6.08	50.3	9.96	6.15	50.0	10.1	6.19	49.8	10.3	6.22	49.3	10.7	6.31
		60	57.4	12.0	6.38	57.0	12.4	6.45	56.5	12.8	6.52	54.9	12.2	6.61	53.1	11.6	6.70	49.4	10.4	6.90
		96	64.0	14.2	7.52	60.3	13.0	7.64	56.7	11.9	7.77	54.9	11.3	7.83	53.1	10.8	7.90	49.4	9.77	8.03
		120	64.0	13.7	8.00	60.3	12.6	8.10	56.7	11.5	8.20	54.9	11.0	8.25	53.1	10.5	8.31	49.4	9.51	8.41
	15	50	64.0	13.6	10.2	60.3	12.5	10.4	56.7	11.4	10.7	54.9	10.9	10.8	53.1	10.4	10.9	49.4	9.44	11.2
		60	64.0	13.1	10.9	60.3	12.0	11.2	56.7	11.0	11.4	54.9	10.5	11.5	53.1	10.0	11.6	49.4	9.11	11.8
		96	64.0	11.9	12.4	60.3	10.9	12.5	56.7	10.0	12.7	54.9	9.59	12.7	53.1	9.17	12.8	49.4	8.34	13.0
		120	64.0	11.5	12.9	60.3	10.6	13.0	56.7	9.73	13.1	54.9	9.31	13.2	53.1	8.90	13.2	49.4	8.11	13.4
	20	50	64.0	10.6	14.9	60.3	9.75	15.2	56.7	8.97	15.4	54.9	8.59	15.6	53.1	8.22	15.7	49.4	7.51	16.0
		60	64.0	10.5	15.7	60.3	9.66	16.0	56.7	8.88	16.2	54.9	8.51	16.3	53.1	8.14	16.4	49.4	7.44	16.7
		96	64.0	10.2	17.3	60.3	9.42	17.5	56.7	8.67	17.6	54.9	8.31	17.7	53.1	7.95	17.8	49.4	7.27	17.9
		120	64.0	10.1	17.9	60.3	9.35	18.0	56.7	8.60	18.1	54.9	8.24	18.1	53.1	7.89	18.2	49.4	7.22	18.3
	25	50	64.0	9.21	19.8	60.3	8.53	20.0	56.7	7.87	20.3	54.9	7.55	20.5	53.1	7.24	20.6	49.4	6.64	20.9
		60	64.0	9.13	20.6	60.3	8.45	20.9	56.7	7.80	21.1	54.9	7.48	21.2	53.1	7.18	21.3	49.4	6.58	21.6
		96	64.0	8.91	22.3	60.3	8.25	22.4	56.7	7.62	22.6	54.9	7.31	22.6	53.1	7.02	22.7	49.4	6.44	22.9
		120	64.0	8.84	22.8	60.3	8.18	22.9	56.7	7.56	23.0	54.9	7.26	23.1	53.1	6.97	23.2	49.4	6.40	23.3
	30	50	64.0	8.15	24.7	60.3	7.57	25.0	56.7	7.01	25.3	54.9	6.74	25.4	53.1	6.47	25.5	49.4	5.96	25.8
		60	64.0	8.08	25.5	60.3	7.50	25.8	56.7	6.95	26.0	54.9	6.68	26.2	53.1	6.42	26.3	49.4	5.91	26.5
		96	64.0	7.89	27.2	60.3	7.33	27.4	56.7	6.80	27.5	54.9	6.54	27.6	53.1	6.28	27.7	49.4	5.79	27.8
		120	64.0	7.83	27.8	60.3	7.28	27.9	56.7	6.75	28.0	54.9	6.49	28.1	53.1	6.24	28.1	49.4	5.76	28.3
	35	50	64.0	7.31	29.6	60.3	6.81	29.9	56.7	6.33	30.2	54.9	6.09	30.3	53.1	5.86	30.5	49.4	5.42	30.8
		60	64.0	7.25	30.5	60.3	6.75	30.7	56.7	6.27	31.0	54.9	6.04	31.1	53.1	5.82	31.2	49.4	5.38	31.5
		96	64.0	7.09	32.2	60.3	6.61	32.3	56.7	6.14	32.5	54.9	5.92	32.6	53.1	5.70	32.6	49.4	5.28	32.8
		120	64.0	7.04	32.7	60.3	6.56	32.9	56.7	6.10	33.0	54.9	5.88	33.0	53.1	5.66	33.1	49.4	5.24	33.2
	40	50	64.0	7.13	34.6	60.3	6.64	34.9	56.7	6.17	35.2	54.9	5.94	35.3	53.1	5.72	35.5	49.4	5.29	35.8
		60	64.0	7.07	35.5	60.3	6.58	35.7	56.7	6.12	36.0	54.9	5.89	36.1	53.1	5.67	36.2	49.4	5.25	36.5
		96	64.0	6.91	37.2	60.3	6.44	37.3	56.7	5.99	37.5	54.9	5.77	37.6	53.1	5.56	37.6	49.4	5.15	37.8
		120	64.0	6.86	37.7	60.3	6.40	37.9	56.7	5.95	38.0	54.9	5.73	38.0	53.1	5.52	38.1	49.4	5.11	38.2
	45	50	64.0	6.95	39.5	60.3	6.47	39.9	56.7	6.01	40.2	54.9	5.79	40.3	53.1	5.57	40.5	49.4	5.15	40.8
		60	64.0	6.89	40.5	60.3	6.42	40.7	56.7	5.96	41.0	54.9	5.74	41.1	53.1	5.53	41.2	49.4	5.12	41.5
		96	64.0	6.74	42.2	60.3	6.28	42.3	56.7	5.84	42.5	54.9	5.63	42.5	53.1	5.42	42.6	49.4	5.02	42.8
		120	64.0	6.69	42.7	60.3	6.24	42.8	56.7	5.80	43.0	54.9	5.59	43.0	53.1	5.38	43.1	49.4	4.99	43.2

3 Capacity tables

3 - 3 Heating capacity tables

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
50	10	50	49.9	10.3	6.22	49.5	10.6	6.29	47.3	10.0	6.44	45.7	9.53	6.54	44.2	9.05	6.64	41.2	8.14	6.84
		60	53.3	11.7	6.69	50.3	10.7	6.85	47.3	9.76	7.01	45.7	9.30	7.10	44.2	8.85	7.18	41.2	7.99	7.36
		96	53.3	10.9	7.89	50.3	10.0	8.00	47.3	9.19	8.11	45.7	8.80	8.16	44.2	8.41	8.22	41.2	7.67	8.33
		120	53.3	10.6	8.30	50.3	9.74	8.39	47.3	8.96	8.48	45.7	8.58	8.52	44.2	8.21	8.57	41.2	7.50	8.66
	15	50	53.3	10.5	10.9	50.3	9.67	11.1	47.3	8.89	11.3	45.7	8.51	11.4	44.2	8.15	11.6	41.2	7.44	11.8
		60	53.3	10.1	11.6	50.3	9.33	11.7	47.3	8.59	11.9	45.7	8.23	12.0	44.2	7.88	12.1	41.2	7.20	12.3
		96	53.3	9.23	12.8	50.3	8.54	12.9	47.3	7.88	13.0	45.7	7.56	13.1	44.2	7.25	13.2	41.2	6.64	13.3
		120	53.3	8.96	13.2	50.3	8.29	13.3	47.3	7.66	13.4	45.7	7.35	13.5	44.2	7.05	13.5	41.2	6.47	13.6
	20	50	53.3	8.27	15.7	50.3	7.67	15.9	47.3	7.10	16.2	45.7	6.83	16.3	44.2	6.55	16.4	41.2	6.03	16.6
		60	53.3	8.20	16.4	50.3	7.61	16.6	47.3	7.04	16.8	45.7	6.77	16.9	44.2	6.50	17.0	41.2	5.98	17.2
		96	53.3	8.01	17.7	50.3	7.43	17.9	47.3	6.88	18.0	45.7	6.62	18.1	44.2	6.36	18.1	41.2	5.86	18.2
		120	53.3	7.95	18.2	50.3	7.38	18.3	47.3	6.84	18.4	45.7	6.57	18.4	44.2	6.32	18.5	41.2	5.82	18.6
	25	50	53.3	7.28	20.6	50.3	6.78	20.8	47.3	6.30	21.1	45.7	6.07	21.2	44.2	5.84	21.3	41.2	5.40	21.6
		60	53.3	7.22	21.3	50.3	6.72	21.5	47.3	6.25	21.7	45.7	6.02	21.8	44.2	5.79	21.9	41.2	5.36	22.1
		96	53.3	7.06	22.7	50.3	6.58	22.8	47.3	6.12	23.0	45.7	5.89	23.0	44.2	5.67	23.1	41.2	5.25	23.2
		120	53.3	7.01	23.2	50.3	6.53	23.3	47.3	6.07	23.4	45.7	5.85	23.4	44.2	5.64	23.5	41.2	5.22	23.6
	30	50	53.3	6.51	25.5	50.3	6.08	25.8	47.3	5.67	26.0	45.7	5.47	26.2	44.2	5.28	26.3	41.2	4.90	26.5
		60	53.3	6.46	26.3	50.3	6.03	26.5	47.3	5.63	26.7	45.7	5.43	26.8	44.2	5.24	26.9	41.2	4.86	27.1
		96	53.3	6.32	27.7	50.3	5.91	27.8	47.3	5.51	27.9	45.7	5.32	28.0	44.2	5.14	28.1	41.2	4.77	28.2
		120	53.3	6.28	28.1	50.3	5.87	28.2	47.3	5.48	28.3	45.7	5.29	28.4	44.2	5.10	28.4	41.2	4.75	28.5
	35	50	53.3	5.90	30.5	50.3	5.53	30.7	47.3	5.17	31.0	45.7	5.00	31.1	44.2	4.83	31.2	41.2	4.50	31.5
		60	53.3	5.85	31.2	50.3	5.48	31.4	47.3	5.13	31.6	45.7	4.96	31.8	44.2	4.79	31.9	41.2	4.47	32.1
		96	53.3	5.73	32.6	50.3	5.38	32.8	47.3	5.04	32.9	45.7	4.87	33.0	44.2	4.71	33.0	41.2	4.39	33.2
		120	53.3	5.69	33.1	50.3	5.34	33.2	47.3	5.00	33.3	45.7	4.84	33.4	44.2	4.68	33.4	41.2	4.37	33.5
	40	50	53.3	5.75	35.5	50.3	5.39	35.7	47.3	5.04	36.0	45.7	4.87	36.1	44.2	4.71	36.2	41.2	4.39	36.5
		60	53.3	5.70	36.2	50.3	5.35	36.4	47.3	5.00	36.6	45.7	4.84	36.7	44.2	4.67	36.9	41.2	4.36	37.1
		96	53.3	5.59	37.6	50.3	5.24	37.8	47.3	4.91	37.9	45.7	4.75	38.0	44.2	4.59	38.0	41.2	4.28	38.2
		120	53.3	5.55	38.1	50.3	5.21	38.2	47.3	4.88	38.3	45.7	4.72	38.4	44.2	4.56	38.4	41.2	4.26	38.5
	45	50	53.3	5.61	40.4	50.3	5.25	40.7	47.3	4.91	41.0	45.7	4.75	41.1	44.2	4.59	41.2	41.2	4.28	41.5
		60	53.3	5.56	41.2	50.3	5.21	41.4	47.3	4.88	41.6	45.7	4.72	41.7	44.2	4.56	41.8	41.2	4.25	42.1
		96	53.3	5.45	42.6	50.3	5.11	42.8	47.3	4.79	42.9	45.7	4.63	43.0	44.2	4.48	43.0	41.2	4.18	43.2
		120	53.3	5.41	43.1	50.3	5.08	43.2	47.3	4.76	43.3	45.7	4.60	43.4	44.2	4.45	43.4	41.2	4.15	43.5

3 Capacity tables

3 - 4 Heating capacity tables with glycol

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
130	10	80	20.2	4.28	7.15	20.5	4.12	7.06	20.8	4.01	6.99	20.9	3.97	6.97	21.0	3.94	6.95	21.1	3.93	6.92
		96	22.6	4.49	7.30	22.8	4.40	7.25	23.0	4.35	7.22	23.0	4.34	7.21	23.1	4.34	7.20	23.1	4.38	7.20
		120	25.3	4.87	7.56	25.5	4.85	7.54	25.5	4.87	7.53	25.5	4.89	7.53	25.5	4.92	7.54	25.5	5.02	7.55
		150	27.6	5.30	7.86	27.7	5.33	7.86	27.7	5.39	7.87	27.7	5.44	7.88	27.6	5.49	7.88	27.5	5.63	7.91
	15	80	29.9	5.59	10.7	29.8	5.66	10.7	29.8	5.77	10.7	29.7	5.83	10.7	29.7	5.91	10.7	29.5	6.08	10.8
		96	30.6	5.62	11.3	30.6	5.70	11.3	30.5	5.82	11.3	30.4	5.89	11.3	30.3	5.97	11.4	30.2	6.14	11.4
		120	31.4	5.66	11.9	31.4	5.76	11.9	31.3	5.88	12.0	31.2	5.96	12.0	31.1	6.04	12.0	30.9	6.23	12.0
		150	32.1	5.70	12.5	32.0	5.81	12.5	31.9	5.94	12.5	31.8	6.02	12.5	31.7	6.10	12.6	31.5	6.29	12.6
	20	80	33.0	5.76	15.1	32.9	5.88	15.2	32.8	6.02	15.2	32.7	6.10	15.2	32.6	6.19	15.3	32.4	6.39	15.3
		96	33.8	5.81	15.8	33.7	5.93	15.9	33.5	6.08	15.9	33.4	6.17	15.9	33.3	6.26	16.0	33.1	6.46	16.0
		120	34.7	5.87	16.6	34.6	6.01	16.6	34.4	6.16	16.6	34.3	6.25	16.7	34.2	6.34	16.7	33.9	6.55	16.7
		150	35.4	5.93	17.2	35.3	6.06	17.2	35.1	6.23	17.2	34.9	6.32	17.3	34.8	6.41	17.3	34.5	6.62	17.3
	25	80	36.2	5.99	19.6	36.1	6.14	19.6	35.8	6.31	19.7	35.7	6.40	19.7	35.6	6.49	19.8	35.3	6.71	19.9
		96	37.1	6.06	20.4	36.9	6.21	20.4	36.6	6.38	20.5	36.5	6.47	20.5	36.4	6.57	20.6	35.7	6.63	20.7
		120	38.0	6.13	21.2	37.8	6.29	21.2	37.6	6.46	21.3	37.4	6.56	21.3	37.3	6.66	21.3	35.7	6.35	21.5
		150	38.7	6.20	21.9	38.5	6.35	21.9	38.3	6.53	22.0	38.1	6.63	22.0	38.0	6.73	22.0	35.7	6.16	22.2
	30	80	39.5	6.26	24.1	39.2	6.42	24.1	39.0	6.61	24.2	38.8	6.70	24.2	38.3	6.68	24.3	35.7	5.98	24.7
		96	40.3	6.33	24.9	40.1	6.50	25.0	39.8	6.68	25.1	39.6	6.78	25.1	38.3	6.44	25.2	35.7	5.76	25.5
		120	41.3	6.42	25.8	41.1	6.59	25.9	40.8	6.77	25.9	39.6	6.50	26.0	38.3	6.17	26.2	35.7	5.53	26.4
		150	42.1	6.49	26.6	41.9	6.66	26.6	41.0	6.63	26.7	39.6	6.30	26.8	38.3	5.98	26.9	35.7	5.36	27.1
	35	80	42.7	6.55	28.5	42.5	6.72	28.6	41.0	6.48	28.8	39.6	6.16	29.0	38.3	5.85	29.2	35.7	5.25	29.5
		96	43.7	6.62	29.5	43.4	6.80	29.5	41.0	6.24	29.8	39.6	5.94	30.0	38.3	5.64	30.1	35.7	5.06	30.4
		120	44.8	6.71	30.5	43.6	6.60	30.6	41.0	5.99	30.8	39.6	5.69	30.9	38.3	5.41	31.1	35.7	4.86	31.3
		150	45.6	6.79	31.3	43.6	6.39	31.4	41.0	5.80	31.6	39.6	5.52	31.7	38.3	5.25	31.8	35.7	4.72	32.0
	40	80	46.1	7.05	33.0	43.6	6.48	33.4	41.0	6.05	33.7	39.6	5.76	33.9	38.3	5.47	34.1	35.7	4.92	34.5
		96	46.2	6.84	34.1	43.6	6.24	34.4	41.0	5.84	34.8	39.6	5.55	34.9	38.3	5.28	35.1	35.7	4.75	35.4
		120	46.2	6.55	35.3	43.6	6.16	35.5	41.0	5.60	35.8	39.6	5.33	35.9	38.3	5.07	36.0	35.7	4.57	36.3
		150	46.2	6.35	36.2	43.6	5.97	36.4	41.0	5.43	36.6	39.6	5.18	36.7	38.3	4.92	36.8	35.7	4.44	37.0
	45	80	46.2	6.71	37.9	43.6	6.31	38.3	41.0	5.78	38.7	39.6	5.51	38.9	38.3	5.24	39.1	35.7	4.73	39.5
		96	46.2	6.67	39.1	43.6	6.08	39.4	41.0	5.58	39.7	39.6	5.32	39.9	38.3	5.06	40.0	35.7	4.57	40.4
		120	46.2	6.39	40.2	43.6	5.88	40.5	41.0	5.36	40.7	39.6	5.11	40.9	38.3	4.87	41.0	35.7	4.40	41.3
		150	46.2	6.19	41.2	43.6	5.71	41.4	41.0	5.21	41.6	39.6	4.97	41.7	38.3	4.73	41.8	35.7	4.28	42.0
120	10	80	20.6	4.08	7.03	20.9	3.99	6.98	21.0	3.94	6.94	21.1	3.93	6.93	21.1	3.93	6.92	21.2	3.96	6.92
		96	22.9	4.38	7.24	23.0	4.34	7.21	23.1	4.35	7.20	23.1	4.36	7.20	23.1	4.39	7.20	23.1	4.47	7.22
		120	25.5	4.85	7.53	25.5	4.88	7.53	25.5	4.94	7.54	25.5	4.98	7.55	25.5	5.03	7.56	25.4	5.16	7.58
		150	27.7	5.34	7.86	27.7	5.42	7.87	27.6	5.52	7.89	27.6	5.58	7.90	27.5	5.65	7.91	27.4	5.82	7.94
	15	80	29.8	5.70	10.7	29.8	5.80	10.7	29.6	5.94	10.8	29.6	6.02	10.8	29.5	6.10	10.8	29.3	6.29	10.9
		96	30.5	5.74	11.3	30.4	5.86	11.3	30.3	6.00	11.4	30.2	6.08	11.4	30.1	6.17	11.4	29.9	6.36	11.5
		120	31.4	5.80	11.9	31.2	5.92	12.0	31.1	6.07	12.0	31.0	6.16	12.0	30.9	6.25	12.1	30.7	6.45	12.1
		150	32.0	5.85	12.5	31.9	5.98	12.5	31.7	6.14	12.6	31.6	6.22	12.6	31.5	6.32	12.6	31.3	6.52	12.6
	20	80	32.9	5.92	15.2	32.7	6.06	15.2	32.6	6.23	15.3	32.5	6.32	15.3	32.3	6.41	15.4	32.1	6.62	15.4
		96	33.6	5.98	15.9	33.5	6.13	15.9	33.3	6.30	16.0	33.2	6.39	16.0	33.0	6.49	16.0	32.8	6.70	16.1
		120	34.5	6.06	16.6	34.3	6.21	16.6	34.1	6.38	16.7	34.0	6.48	16.7	33.9	6.57	16.7	32.9	6.50	16.8
		150	35.2	6.12	17.2	35.0	6.27	17.3	34.8	6.45	17.3	34.6	6.55	17.3	34.5	6.65	17.3	32.9	6.30	17.5
	25	80	36.0	6.19	19.7	35.8	6.36	19.7	35.5	6.53	19.8	35.4	6.63	19.8	35.3	6.73	19.9	32.9	6.07	20.2
		96	36.8	6.26	20.4	36.6	6.43	20.5	36.3	6.61	20.6	36.2	6.71	20.6	35.4	6.54	20.7	32.9	5.85	21.0
		120	37.7	6.35	21.3	37.5	6.52	21.3	37.2	6.70	21.4	36.6	6.61	21.4	35.4	6.26	21.5	32.9	5.61	21.7
		150	38.4	6.42	21.9	38.2	6.59	22.0	37.8	6.74	22.0	36.6	6.40	22.1	35.4	6.07	22.2	32.9	5.44	22.4
	30	80	39.1	6.49	24.2	38.9	6.66	24.2	37.8	6.54	24.4	36.6	6.21	24.6	35.4	5.90	24.7	32.9	5.29	25.0
		96	40.0	6.56	25.0	39.7	6.74	25.1	37.8	6.30	25.3	36.6	5.99	25.4	35.4	5.68	25.6	32.9	5.10	25.8
		120	41.0	6.65	25.9	40.2	6.66	26.0	37.8	6.04	26.2	36.6	5.74	26.3	35.4	5.45	26.4	32.9	4.90	26.7
		150	41.8	6.72	26.7	40.2	6.45	26.8	37.8	5.85	26.9	36.6	5.57	27.0	35.4	5.29	27.1	32.9	4.76	27.3
	35	80	42.3	6.79	28.6	40.2	6.30	28.9	37.8	5.72	29.3	36.6	5.45	29.4	35.4	5.18	29.6	32.9	4.66	29.9
		96	42.7	6.66	29.6	40.2	6.07	29.9	37.8	5.52	30.2	36.6	5.25	30.3	35.4	4.99	30.5	32.9	4.50	30.8
		120	42.7	6.38	30.7	40.2	5.82	30.9	37.8	5.30	31.1	36.6	5.04	31.2	35.4	4.80	31.3	32.9	4.32	31.6
		150	42.7	6.18	31.5	40.2	5.65	31.7	37.8	5.14	31.9	36.6	4.89	32.0	35.4	4.66	32.1	32.9	4.20	32.3
	40	80	42.7	6.26	33.5	40.2	5.89	33.8	37.8	5.36	34.2	36.6	5.11	34.4	35.4	4.86	34.5	32.9	4.38	34.9
		96	42.7	6.21	34.6	40.2	5.68	34.8	37.8	5.17	35.1	36.6	4.93	35.3	35.4	4.69	35.4	32.9	4.24	35.7
		120	42.7	5.96	35.6	40.2	5.45	35.8	37.8	4.97	36.1	36.6	4.74	36.2	35.4	4.51	36.3	32.9	4.08	36.6
		150	42.7	5.78	36.5	40.2	5.29	36.7	37.8	4.83	36.8	36.6	4.60	36.9	35.4	4.38	37.0	32.9	3.97	37.2
	45	80	42.7	6.11	38.5	40.2	5.63	38.8	37.8	5.14	39.1	36.6	4.90	39.3	35.4	4.67	39.5	32.9	4.22	39.9
		96	42.7	5.93	39.5	40.2	5.44	39.8	37.8	4.96	40.1	36.6	4.74	40.2	35.4	4.51	40.4	32.9	4.09	40.7
		120	42.7	5.70	40.6	40.2	5.22	40.8	37.8	4.77	41.1	36.6	4.56	41.2	35.4	4.35	41.3	32.9	3.94	41.5
		150	42.7	5.53	41.5	40.2	5.07	41.6	37.8	4.64	41.8	36.6	4.43	41.9	35.4	4.23	42.0	32.9	3.83	42.2

3 Capacity tables

3 - 4 Heating capacity tables with glycol

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
110	10	80	20.9	3.96	6.96	21.1	3.93	6.93	21.1	3.93	6.92	21.2	3.94	6.91	21.2	3.97	6.92	21.1	4.04	6.93
		96	23.1	4.34	7.20	23.1	4.36	7.20	23.1	4.41	7.20	23.1	4.44	7.21	23.1	4.49	7.22	23.0	4.60	7.25
		120	25.5	4.90	7.53	25.5	4.97	7.54	25.5	5.07	7.56	25.4	5.13	7.58	25.4	5.19	7.59	25.2	5.34	7.63
		150	27.7	5.46	7.88	27.6	5.57	7.90	27.5	5.70	7.92	27.4	5.77	7.93	27.3	5.86	7.95	27.1	6.04	7.99
	15	80	29.7	5.86	10.7	29.6	6.00	10.8	29.4	6.15	10.8	29.3	6.24	10.9	29.2	6.34	10.9	29.0	6.54	11.0
		96	30.4	5.92	11.3	30.3	6.06	11.4	30.1	6.22	11.4	30.0	6.31	11.5	29.9	6.41	11.5	29.6	6.62	11.6
		120	31.2	5.99	12.0	31.0	6.14	12.0	30.8	6.31	12.1	30.7	6.40	12.1	30.6	6.50	12.1	30.2	6.63	12.2
		150	31.8	6.05	12.5	31.6	6.20	12.6	31.4	6.37	12.6	31.3	6.47	12.6	31.2	6.57	12.6	30.2	6.42	12.7
	20	80	32.7	6.14	15.2	32.5	6.29	15.3	32.3	6.47	15.4	32.1	6.57	15.4	32.0	6.67	15.5	30.2	6.14	15.7
		96	33.4	6.20	15.9	33.2	6.37	16.0	33.0	6.55	16.1	32.8	6.64	16.1	32.4	6.62	16.1	30.2	5.92	16.4
		120	34.2	6.29	16.7	34.0	6.45	16.7	33.8	6.64	16.8	33.5	6.69	16.8	32.4	6.34	16.9	30.2	5.68	17.1
		150	34.9	6.35	17.3	34.7	6.52	17.3	34.4	6.71	17.4	33.5	6.48	17.4	32.4	6.14	17.5	30.2	5.51	17.6
	25	80	35.7	6.44	19.8	35.4	6.61	19.8	34.7	6.57	20.0	33.5	6.24	20.1	32.4	5.92	20.3	30.2	5.31	20.5
		96	36.5	6.51	20.5	36.2	6.68	20.6	34.7	6.33	20.8	33.5	6.02	20.9	32.4	5.71	21.0	30.2	5.12	21.3
		120	37.4	6.60	21.3	36.9	6.69	21.4	34.7	6.07	21.6	33.5	5.77	21.7	32.4	5.48	21.8	30.2	4.92	22.0
		150	38.1	6.67	22.0	36.9	6.48	22.1	34.7	5.88	22.3	33.5	5.59	22.3	32.4	5.31	22.4	30.2	4.78	22.6
	30	80	38.7	6.75	24.3	36.9	6.29	24.5	34.7	5.71	24.8	33.5	5.44	25.0	32.4	5.16	25.1	30.2	4.65	25.4
		96	39.1	6.64	25.2	36.9	6.06	25.4	34.7	5.51	25.6	33.5	5.24	25.8	32.4	4.98	25.9	30.2	4.49	26.2
		120	39.1	6.37	26.1	36.9	5.81	26.3	34.7	5.29	26.5	33.5	5.03	26.6	32.4	4.79	26.7	30.2	4.31	26.9
		150	39.1	6.17	26.9	36.9	5.64	27.0	34.7	5.13	27.2	33.5	4.88	27.3	32.4	4.65	27.3	30.2	4.19	27.5
	35	80	39.1	6.03	29.1	36.9	5.51	29.4	34.7	5.02	29.7	33.5	4.78	29.8	32.4	4.55	30.0	30.2	4.10	30.3
		96	39.1	5.81	30.0	36.9	5.32	30.3	34.7	4.84	30.5	33.5	4.61	30.7	32.4	4.39	30.8	30.2	3.97	31.1
		120	39.1	5.58	31.0	36.9	5.10	31.2	34.7	4.65	31.4	33.5	4.44	31.5	32.4	4.22	31.6	30.2	3.82	31.8
		150	39.1	5.41	31.8	36.9	4.95	31.9	34.7	4.52	32.1	33.5	4.31	32.2	32.4	4.10	32.3	30.2	3.71	32.5
	40	80	39.1	5.64	34.0	36.9	5.17	34.3	34.7	4.72	34.6	33.5	4.50	34.8	32.4	4.29	35.0	30.2	3.88	35.3
		96	39.1	5.44	35.0	36.9	4.99	35.2	34.7	4.56	35.5	33.5	4.35	35.6	32.4	4.14	35.8	30.2	3.75	36.1
		120	39.1	5.23	36.0	36.9	4.79	36.2	34.7	4.38	36.4	33.5	4.18	36.5	32.4	3.99	36.6	30.2	3.62	36.8
		150	39.1	5.07	36.7	36.9	4.66	36.9	34.7	4.26	37.1	33.5	4.07	37.2	32.4	3.88	37.3	30.2	3.52	37.5
	45	80	39.1	5.40	39.0	36.9	4.96	39.3	34.7	4.53	39.6	33.5	4.33	39.8	32.4	4.13	39.9	30.2	3.75	40.3
		96	39.1	5.21	39.9	36.9	4.79	40.2	34.7	4.39	40.5	33.5	4.19	40.6	32.4	4.00	40.8	30.2	3.63	41.0
		120	39.1	5.01	40.9	36.9	4.61	41.1	34.7	4.22	41.4	33.5	4.04	41.5	32.4	3.86	41.6	30.2	3.51	41.8
		150	39.1	4.87	41.7	36.9	4.48	41.9	34.7	4.11	42.1	33.5	3.93	42.2	32.4	3.75	42.3	30.2	3.42	42.4
100	10	80	21.1	3.93	6.92	21.2	3.94	6.91	21.2	3.99	6.92	21.2	4.03	6.93	21.1	4.07	6.94	21.0	4.17	6.98
		96	23.1	4.38	7.20	23.1	4.44	7.21	23.1	4.53	7.23	23.0	4.58	7.25	23.0	4.64	7.26	22.8	4.77	7.30
		120	25.5	5.02	7.55	25.4	5.13	7.58	25.3	5.25	7.60	25.2	5.32	7.62	25.2	5.40	7.64	25.0	5.57	7.68
		150	27.5	5.64	7.91	27.4	5.78	7.93	27.2	5.93	7.96	27.1	6.02	7.98	27.1	6.11	8.00	26.8	6.31	8.04
	15	80	29.5	6.09	10.8	29.3	6.24	10.9	29.1	6.42	10.9	29.0	6.51	11.0	28.9	6.61	11.0	27.5	6.19	11.2
		96	30.2	6.16	11.4	30.0	6.32	11.5	29.8	6.49	11.5	29.7	6.59	11.6	29.5	6.66	11.6	27.5	5.96	11.8
		120	30.9	6.24	12.1	30.7	6.40	12.1	30.5	6.58	12.1	30.4	6.68	12.2	29.5	6.39	12.2	27.5	5.72	12.4
		150	31.5	6.30	12.6	31.3	6.47	12.6	31.1	6.65	12.7	30.5	6.52	12.7	29.5	6.19	12.8	27.5	5.54	12.9
	20	80	32.4	6.40	15.3	32.1	6.57	15.4	31.5	6.56	15.5	30.5	6.24	15.7	29.5	5.92	15.8	27.5	5.31	16.0
		96	33.1	6.47	16.0	32.8	6.64	16.1	31.5	6.30	16.2	30.5	6.01	16.3	29.5	5.70	16.5	27.5	5.12	16.7
		120	33.9	6.56	16.7	33.5	6.68	16.8	31.5	6.06	17.0	30.5	5.76	17.0	29.5	5.47	17.1	27.5	4.91	17.3
		150	34.5	6.63	17.3	33.5	6.47	17.4	31.5	5.87	17.6	30.5	5.59	17.6	29.5	5.31	17.7	27.5	4.77	17.8
	25	80	35.3	6.72	19.9	33.5	6.24	20.1	31.5	5.67	20.4	30.5	5.39	20.5	29.5	5.12	20.6	27.5	4.61	20.9
		96	35.5	6.59	20.7	33.5	6.01	20.9	31.5	5.46	21.1	30.5	5.20	21.2	29.5	4.94	21.3	27.5	4.45	21.6
		120	35.5	6.31	21.5	33.5	5.77	21.7	31.5	5.24	21.9	30.5	4.99	22.0	29.5	4.75	22.0	27.5	4.28	22.2
		150	35.5	6.12	22.2	33.5	5.59	22.3	31.5	5.09	22.5	30.5	4.84	22.5	29.5	4.61	22.6	27.5	4.15	22.8
	30	80	35.5	5.94	24.7	33.5	5.43	25.0	31.5	4.95	25.2	30.5	4.71	25.4	29.5	4.48	25.5	27.5	4.05	25.8
		96	35.5	5.73	25.5	33.5	5.24	25.8	31.5	4.77	26.0	30.5	4.55	26.1	29.5	4.33	26.2	27.5	3.91	26.5
		120	35.5	5.50	26.4	33.5	5.03	26.6	31.5	4.59	26.8	30.5	4.37	26.9	29.5	4.16	27.0	27.5	3.76	27.2
		150	35.5	5.33	27.1	33.5	4.88	27.3	31.5	4.45	27.4	30.5	4.25	27.5	29.5	4.05	27.6	27.5	3.66	27.7
	35	80	35.5	5.21	29.6	33.5	4.78	29.8	31.5	4.36	30.1	30.5	4.16	30.3	29.5	3.96	30.4	27.5	3.59	30.7
		96	35.5	5.03	30.4	33.5	4.61	30.7	31.5	4.21	30.9	30.5	4.02	31.0	29.5	3.83	31.2	27.5	3.47	31.4
		120	35.5	4.83	31.3	33.5	4.43	31.5	31.5	4.05	31.7	30.5	3.87	31.8	29.5	3.69	31.9	27.5	3.35	32.1
		150	35.5	4.69	32.1	33.5	4.31	32.2	31.5	3.94	32.4	30.5	3.76	32.4	29.5	3.59	32.5	27.5	3.26	32.7
	40	80	35.5	4.90	34.5	33.5	4.50	34.8	31.5	4.11	35.1	30.5	3.93	35.2	29.5	3.75	35.4	27.5	3.41	35.7
		96	35.5	4.73	35.4	33.5	4.34	35.6	31.5	3.98	35.9	30.5	3.80	36.0	29.5	3.63	36.1	27.5	3.30	36.4
		120	35.5	4.55	36.3	33.5	4.18	36.5	31.5	3.83	36.7	30.5	3.66	36.8	29.5	3.50	36.9	27.5	3.18	37.1
		150	35.5	4.42	37.0	33.5	4.06	37.2	31.5	3.73	37.3	30.5	3.57	37.4	29.5	3.41	37.5	27.5	3.10	37.7
	45	80	35.5	4.70	39.5	33.5	4.33	39.8	31.5	3.97	40.1	30.5	3.80	40.2	29.5	3.63	40.4	27.5	3.31	40.7
		96	35.5	4.55	40.4	33.5	4.19	40.6	31.5	3.85	40.9	30.5	3.68	41.0	29.5	3.52	41.1	27.5	3.21	41.4
		120	35.5	4.38	41.3	33.5	4.03	41.5	31.5	3.71	41.7	30.5	3.55	41.8	29.5	3.40	41.9	27.5	3.10	42.1
		150	35.5	4.25	42.0	33.5	3.93	42.2	31.5	3.61	42.3	30.5	3.46	42.4	29.5	3.31	42.5	27.5	3.02	42.7

3 Capacity tables

3 - 4 Heating capacity tables with glycol

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
90	10	80	21.2	3.98	6.92	21.1	4.04	6.93	21.1	4.12	6.96	21.0	4.17	6.98	21.0	4.22	6.99	20.9	4.35	7.04
		96	23.1	4.51	7.23	23.0	4.60	7.25	22.9	4.71	7.28	22.8	4.78	7.30	22.8	4.85	7.32	22.6	5.00	7.37
		120	25.3	5.22	7.60	25.2	5.35	7.63	25.1	5.49	7.66	25.0	5.57	7.68	24.9	5.66	7.70	24.7	5.84	7.75
		150	27.3	5.89	7.96	27.1	6.04	7.99	26.9	6.21	8.02	26.8	6.31	8.04	26.5	6.30	8.07	24.7	5.64	8.18
	15	80	29.2	6.37	10.9	29.0	6.54	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	6.45	11.5	29.6	6.62	11.6	28.4	6.27	11.7	27.4	5.96	11.8	26.5	5.65	11.9	24.7	5.08	12.1
		120	30.6	6.54	12.1	30.2	6.62	12.2	28.4	6.01	12.3	27.4	5.71	12.4	26.5	5.43	12.5	24.7	4.87	12.6
		150	31.1	6.61	12.7	30.2	6.42	12.7	28.4	5.82	12.8	27.4	5.54	12.9	26.5	5.26	13.0	24.7	4.73	13.1
	20	80	32.0	6.71	15.5	30.2	6.14	15.7	28.4	5.57	15.9	27.4	5.30	16.0	26.5	5.04	16.1	24.7	4.53	16.4
		96	32.0	6.48	16.2	30.2	5.91	16.4	28.4	5.37	16.6	27.4	5.12	16.7	26.5	4.86	16.8	24.7	4.38	17.0
		120	32.0	6.21	16.9	30.2	5.67	17.1	28.4	5.16	17.2	27.4	4.91	17.3	26.5	4.67	17.4	24.7	4.21	17.6
		150	32.0	6.02	17.5	30.2	5.50	17.6	28.4	5.00	17.8	27.4	4.77	17.8	26.5	4.53	17.9	24.7	4.09	18.0
	25	80	32.0	5.80	20.3	30.2	5.31	20.5	28.4	4.83	20.8	27.4	4.60	20.9	26.5	4.38	21.0	24.7	3.96	21.3
		96	32.0	5.59	21.1	30.2	5.12	21.3	28.4	4.66	21.5	27.4	4.45	21.6	26.5	4.23	21.7	24.7	3.82	21.9
		120	32.0	5.37	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	5.21	22.4	30.2	4.77	22.6	28.4	4.35	22.7	27.4	4.15	22.8	26.5	3.96	22.8	24.7	3.58	23.0
	30	80	32.0	5.06	25.2	30.2	4.64	25.4	28.4	4.24	25.7	27.4	4.04	25.8	26.5	3.85	25.9	24.7	3.49	26.2
		96	32.0	4.88	26.0	30.2	4.48	26.2	28.4	4.09	26.4	27.4	3.91	26.5	26.5	3.73	26.6	24.7	3.38	26.8
		120	32.0	4.69	26.7	30.2	4.31	26.9	28.4	3.94	27.1	27.4	3.76	27.2	26.5	3.59	27.3	24.7	3.26	27.4
		150	32.0	4.56	27.4	30.2	4.18	27.5	28.4	3.83	27.7	27.4	3.66	27.7	26.5	3.49	27.8	24.7	3.17	27.9
	35	80	32.0	4.46	30.1	30.2	4.10	30.3	28.4	3.75	30.6	27.4	3.59	30.7	26.5	3.42	30.9	24.7	3.11	31.1
		96	32.0	4.31	30.9	30.2	3.96	31.1	28.4	3.63	31.3	27.4	3.47	31.4	26.5	3.31	31.5	24.7	3.02	31.8
		120	32.0	4.14	31.7	30.2	3.81	31.9	28.4	3.50	32.0	27.4	3.35	32.1	26.5	3.20	32.2	24.7	2.91	32.4
		150	32.0	4.03	32.3	30.2	3.71	32.5	28.4	3.40	32.6	27.4	3.26	32.7	26.5	3.11	32.8	24.7	2.84	32.9
	40	80	32.0	4.21	35.0	30.2	3.87	35.3	28.4	3.56	35.6	27.4	3.40	35.7	26.5	3.25	35.8	24.7	2.97	36.1
		96	32.0	4.07	35.8	30.2	3.75	36.1	28.4	3.44	36.3	27.4	3.30	36.4	26.5	3.15	36.5	24.7	2.88	36.7
		120	32.0	3.92	36.6	30.2	3.61	36.8	28.4	3.32	37.0	27.4	3.18	37.1	26.5	3.05	37.2	24.7	2.78	37.4
		150	32.0	3.81	37.3	30.2	3.52	37.5	28.4	3.24	37.6	27.4	3.10	37.7	26.5	2.97	37.7	24.7	2.72	37.9
	45	80	32.0	4.06	40.0	30.2	3.75	40.3	28.4	3.45	40.5	27.4	3.31	40.7	26.5	3.17	40.8	24.7	2.89	41.1
		96	32.0	3.93	40.8	30.2	3.63	41.0	28.4	3.34	41.3	27.4	3.21	41.4	26.5	3.07	41.5	24.7	2.81	41.7
		120	32.0	3.79	41.6	30.2	3.50	41.8	28.4	3.23	42.0	27.4	3.10	42.1	26.5	2.97	42.2	24.7	2.71	42.4
		150	32.0	3.69	42.3	30.2	3.41	42.4	28.4	3.15	42.6	27.4	3.02	42.7	26.5	2.90	42.7	24.7	2.65	42.9
80	10	80	21.1	4.11	6.96	21.0	4.20	6.99	20.9	4.31	7.03	20.8	4.37	7.05	20.8	4.44	7.07	20.6	4.58	7.13
		96	22.9	4.71	7.28	22.8	4.82	7.32	22.6	4.96	7.36	22.6	5.03	7.38	22.5	5.11	7.41	22.0	5.10	7.48
		120	25.1	5.49	7.66	24.9	5.63	7.70	24.7	5.79	7.74	24.4	5.75	7.77	23.6	5.45	7.83	22.0	4.88	7.96
		150	26.9	6.21	8.02	26.8	6.37	8.05	25.2	5.82	8.15	24.4	5.53	8.20	23.6	5.25	8.25	22.0	4.71	8.35
	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	4.42	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	4.73	12.2	22.0	4.26	12.4
		120	28.4	6.04	12.3	26.8	5.52	12.5	25.2	5.02	12.6	24.4	4.78	12.7	23.6	4.55	12.7	22.0	4.10	12.9
		150	28.4	5.85	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	3.98	13.3
	20	80	28.4	5.60	15.9	26.8	5.12	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	5.40	16.6	26.8	4.94	16.7	25.2	4.51	16.9	24.4	4.30	17.0	23.6	4.09	17.1	22.0	3.70	17.3
		120	28.4	5.18	17.2	26.8	4.75	17.4	25.2	4.33	17.5	24.4	4.13	17.6	23.6	3.94	17.7	22.0	3.56	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	4.45	21.0	25.2	4.07	21.2	24.4	3.88	21.3	23.6	3.70	21.4	22.0	3.36	21.7
		96	28.4	4.69	21.5	26.8	4.30	21.6	25.2	3.93	21.8	24.4	3.76	21.9	23.6	3.58	22.0	22.0	3.25	22.2
		120	28.4	4.50	22.1	26.8	4.14	22.3	25.2	3.79	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	4.26	25.7	26.8	3.91	25.9	25.2	3.59	26.1	24.4	3.43	26.2	23.6	3.28	26.4	22.0	2.98	26.6
		96	28.4	4.11	26.4	26.8	3.78	26.6	25.2	3.47	26.8	24.4	3.32	26.9	23.6	3.17	27.0	22.0	2.89	27.2
		120	28.4	3.96	27.1	26.8	3.64	27.2	25.2	3.35	27.4	24.4	3.20	27.5	23.6	3.06	27.5	22.0	2.79	27.7
		150	28.4	3.85	27.7	26.8	3.54	27.8	25.2	3.26	27.9	24.4	3.12	28.0	23.6	2.98	28.0	22.0	2.72	28.2
	35	80	28.4	3.77	30.6	26.8	3.48	30.8	25.2	3.19	31.1	24.4	3.06	31.2	23.6	2.93	31.3	22.0	2.67	31.5
		96	28.4	3.65	31.3	26.8	3.36	31.5	25.2	3.10	31.7	24.4	2.97	31.8	23.6	2.84	31.9	22.0	2.59	32.1
		120	28.4	3.51	32.0	26.8	3.24	32.2	25.2	2.99	32.3	24.4	2.86	32.4	23.6	2.74	32.5	22.0	2.51	32.7
		150	28.4	3.42	32.6	26.8	3.16	32.7	25.2	2.91	32.9	24.4	2.79	32.9	23.6	2.67	33.0	22.0	2.45	33.1
	40	80	28.4	3.57	35.5	26.8	3.30	35.8	25.2	3.04	36.0	24.4	2.92	36.2	23.6	2.80	36.3	22.0	2.56	36.5
		96	28.4	3.46	36.3	26.8	3.20	36.5	25.2	2.95	36.7	24.4	2.83	36.8	23.6	2.72	36.9	22.0	2.49	37.1
		120	28.4	3.34	37.0	26.8	3.09	37.2	25.2	2.85	37.3	24.4	2.74	37.4	23.6	2.63	37.5	22.0	2.41	37.7
		150	28.4	3.25	37.6	26.8	3.01	37.7	25.2	2.78	37.9	24.4	2.67	37.9	23.6	2.57	38.0	22.0	2.36	38.1
	45	80	28.4	3.46	40.5	26.8	3.21	40.8	25.2	2.97	41.0	24.4	2.85	41.1	23.6	2.73	41.3	22.0	2.50	41.5
		96	28.4	3.36	41.3	26.8	3.12	41.5	25.2	2.88	41.7	24.4	2.76	41.8	23.6	2.65	41.9	22.0	2.43	42.1
		120	28.4	3.24	42.0	26.8	3.01	42.2	25.2	2.78	42.3	24.4	2.67	42.4	23.6	2.56	42.5	22.0	2.35	42.7
		150	28.4	3.16	42.6	26.8	2.94	42.7	25.2	2.71	42.9	24.4	2.61	42.9	23.6	2.50	43.0	22.0	2.30	43.1

3 Capacity tables

3 - 4 Heating capacity tables with glycol

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
70	10	80	20.9	4.34	7.03	20.8	4.45	7.08	20.6	4.57	7.12	20.6	4.64	7.15	20.5	4.71	7.18	19.2	4.30	7.33
		96	22.6	4.98	7.37	22.5	5.12	7.41	22.1	5.13	7.47	21.3	4.88	7.54	20.6	4.63	7.61	19.2	4.15	7.75
		120	24.7	5.82	7.75	23.5	5.41	7.84	22.1	4.91	7.95	21.3	4.67	8.01	20.6	4.44	8.07	19.2	3.99	8.18
		150	24.9	5.70	8.17	23.5	5.21	8.26	22.1	4.74	8.35	21.3	4.52	8.39	20.6	4.30	8.44	19.2	3.88	8.53
	15	80	24.9	5.32	11.5	23.5	4.87	11.7	22.1	4.44	11.8	21.3	4.24	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	3.75	13.0	19.2	3.40	13.1
		150	24.9	4.78	13.1	23.5	4.38	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	16.5	22.1	3.85	16.7	21.3	3.68	16.8	20.6	3.51	16.9	19.2	3.18	17.1
		96	24.9	4.42	16.9	23.5	4.07	17.1	22.1	3.72	17.3	21.3	3.56	17.3	20.6	3.40	17.4	19.2	3.08	17.6
		120	24.9	4.25	17.5	23.5	3.91	17.7	22.1	3.58	17.8	21.3	3.43	17.9	20.6	3.27	17.9	19.2	2.98	18.1
		150	24.9	4.13	18.0	23.5	3.80	18.1	22.1	3.49	18.2	21.3	3.33	18.3	20.6	3.19	18.3	19.2	2.90	18.4
	25	80	24.9	4.00	21.3	23.5	3.68	21.5	22.1	3.38	21.7	21.3	3.23	21.8	20.6	3.09	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	3.62	23.0	23.5	3.34	23.1	22.1	3.07	23.2	21.3	2.94	23.2	20.6	2.82	23.3	19.2	2.57	23.4
	30	80	24.9	3.53	26.2	23.5	3.25	26.4	22.1	3.00	26.6	21.3	2.87	26.7	20.6	2.75	26.8	19.2	2.52	27.0
		96	24.9	3.41	26.8	23.5	3.15	27.0	22.1	2.90	27.1	21.3	2.78	27.2	20.6	2.67	27.3	19.2	2.44	27.5
		120	24.9	3.29	27.4	23.5	3.04	27.6	22.1	2.81	27.7	21.3	2.69	27.8	20.6	2.58	27.8	19.2	2.36	28.0
		150	24.9	3.20	27.9	23.5	2.96	28.0	22.1	2.73	28.2	21.3	2.62	28.2	20.6	2.52	28.3	19.2	2.31	28.4
	35	80	24.9	3.14	31.1	23.5	2.91	31.3	22.1	2.69	31.5	21.3	2.58	31.6	20.6	2.47	31.7	19.2	2.27	32.0
		96	24.9	3.04	31.7	23.5	2.82	31.9	22.1	2.61	32.1	21.3	2.50	32.2	20.6	2.40	32.3	19.2	2.21	32.5
		120	24.9	2.94	32.4	23.5	2.73	32.5	22.1	2.52	32.7	21.3	2.42	32.7	20.6	2.33	32.8	19.2	2.14	33.0
		150	24.9	2.86	32.9	23.5	2.66	33.0	22.1	2.46	33.1	21.3	2.37	33.2	20.6	2.27	33.2	19.2	2.09	33.4
	40	80	24.9	3.00	36.1	23.5	2.78	36.3	22.1	2.58	36.5	21.3	2.48	36.6	20.6	2.38	36.7	19.2	2.19	37.0
		96	24.9	2.91	36.7	23.5	2.70	36.9	22.1	2.50	37.1	21.3	2.41	37.2	20.6	2.32	37.3	19.2	2.14	37.4
		120	24.9	2.81	37.4	23.5	2.61	37.5	22.1	2.42	37.7	21.3	2.33	37.7	20.6	2.25	37.8	19.2	2.07	38.0
		150	24.9	2.74	37.9	23.5	2.55	38.0	22.1	2.37	38.1	21.3	2.28	38.2	20.6	2.19	38.2	19.2	2.03	38.4
	45	80	24.9	2.92	41.1	23.5	2.71	41.3	22.1	2.51	41.5	21.3	2.42	41.6	20.6	2.32	41.7	19.2	2.14	41.9
		96	24.9	2.83	41.7	23.5	2.63	41.9	22.1	2.44	42.1	21.3	2.35	42.2	20.6	2.26	42.3	19.2	2.08	42.4
		120	24.9	2.74	42.4	23.5	2.55	42.5	22.1	2.36	42.6	21.3	2.28	42.7	20.6	2.19	42.8	19.2	2.02	42.9
		150	24.9	2.67	42.9	23.5	2.49	43.0	22.1	2.31	43.1	21.3	2.22	43.2	20.6	2.14	43.2	19.2	1.98	43.4
60	10	80	20.6	4.64	7.15	20.1	4.61	7.22	18.9	4.19	7.36	18.3	3.98	7.44	17.7	3.78	7.51	16.5	3.40	7.66
		96	21.3	4.87	7.54	20.1	4.45	7.66	18.9	4.05	7.78	18.3	3.85	7.84	17.7	3.66	7.91	16.5	3.30	8.03
		120	21.3	4.67	8.01	20.1	4.27	8.11	18.9	3.90	8.21	18.3	3.72	8.26	17.7	3.54	8.31	16.5	3.20	8.42
		150	21.3	4.51	8.39	20.1	4.14	8.47	18.9	3.79	8.56	18.3	3.61	8.60	17.7	3.45	8.64	16.5	3.13	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	3.93	12.9	20.1	3.62	13.0	18.9	3.32	13.1	18.3	3.18	13.2	17.7	3.04	13.3	16.5	2.77	13.4
		150	21.3	3.82	13.3	20.1	3.52	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	3.67	16.8	20.1	3.39	17.0	18.9	3.11	17.2	18.3	2.98	17.3	17.7	2.85	17.3	16.5	2.61	17.5
		96	21.3	3.55	17.3	20.1	3.28	17.5	18.9	3.02	17.6	18.3	2.89	17.7	17.7	2.77	17.8	16.5	2.53	17.9
		120	21.3	3.42	17.9	20.1	3.16	18.0	18.9	2.91	18.1	18.3	2.79	18.1	17.7	2.67	18.2	16.5	2.45	18.3
		150	21.3	3.33	18.3	20.1	3.08	18.4	18.9	2.84	18.5	18.3	2.72	18.5	17.7	2.61	18.6	16.5	2.39	18.7
	25	80	21.3	3.23	21.8	20.1	2.99	21.9	18.9	2.76	22.1	18.3	2.64	22.2	17.7	2.53	22.3	16.5	2.32	22.5
		96	21.3	3.13	22.3	20.1	2.90	22.4	18.9	2.67	22.6	18.3	2.57	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	2.73	23.3	18.9	2.52	23.4	18.3	2.42	23.5	17.7	2.33	23.5	16.5	2.14	23.6
	30	80	21.3	2.87	26.7	20.1	2.66	26.9	18.9	2.46	27.1	18.3	2.37	27.1	17.7	2.28	27.2	16.5	2.09	27.4
		96	21.3	2.78	27.2	20.1	2.58	27.4	18.9	2.39	27.5	18.3	2.30	27.6	17.7	2.21	27.7	16.5	2.04	27.8
		120	21.3	2.69	27.8	20.1	2.50	27.9	18.9	2.32	28.0	18.3	2.23	28.1	17.7	2.14	28.1	16.5	1.98	28.3
		150	21.3	2.62	28.2	20.1	2.44	28.3	18.9	2.26	28.4	18.3	2.18	28.5	17.7	2.10	28.5	16.5	1.94	28.6
	35	80	21.3	2.58	31.6	20.1	2.40	31.8	18.9	2.23	32.0	18.3	2.14	32.1	17.7	2.06	32.2	16.5	1.91	32.4
		96	21.3	2.50	32.2	20.1	2.33	32.3	18.9	2.17	32.5	18.3	2.09	32.6	17.7	2.01	32.7	16.5	1.86	32.8
		120	21.3	2.42	32.7	20.1	2.26	32.9	18.9	2.10	33.0	18.3	2.02	33.1	17.7	1.95	33.1	16.5	1.81	33.2
		150	21.3	2.36	33.2	20.1	2.21	33.3	18.9	2.05	33.4	18.3	1.98	33.4	17.7	1.91	33.5	16.5	1.77	33.6
	40	80	21.3	2.48	36.6	20.1	2.31	36.8	18.9	2.15	37.0	18.3	2.08	37.1	17.7	2.00	37.2	16.5	1.86	37.4
		96	21.3	2.41	37.2	20.1	2.25	37.3	18.9	2.10	37.5	18.3	2.02	37.6	17.7	1.95	37.7	16.5	1.81	37.8
		120	21.3	2.33	37.7	20.1	2.18	37.9	18.9	2.04	38.0	18.3	1.97	38.0	17.7	1.90	38.1	16.5	1.76	38.2
		150	21.3	2.28	38.2	20.1	2.13	38.3	18.9	1.99	38.4	18.3	1.93	38.4	17.7	1.86	38.5	16.5	1.73	38.6
	45	80	21.3	2.41	41.6	20.1	2.25	41.8	18.9	2.10	42.0	18.3	2.02	42.1	17.7	1.95	42.2	16.5	1.81	42.4
		96	21.3	2.35	42.2	20.1	2.19	42.3	18.9	2.04	42.5	18.3	1.97	42.6	17.7	1.90	42.6	16.5	1.77	42.8
		120	21.3	2.27	42.7	20.1	2.13	42.9	18.9	1.99	43.0	18.3	1.92	43.0	17.7	1.85	43.1	16.5	1.72	43.2
		150	21.3	2.22	43.2	20.1	2.08	43.3	18.9	1.94	43.4	18.3	1.88	43.4	17.7	1.81	43.5	16.5	1.68	43.6

3 Capacity tables

3 - 4 Heating capacity tables with glycol

10HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
50	10	80	17.8	3.81	7.50	16.8	3.49	7.62	15.8	3.18	7.75	15.2	3.03	7.81	14.7	2.89	7.88	13.7	2.61	8.01
		96	17.8	3.69	7.90	16.8	3.39	8.00	15.8	3.10	8.11	15.2	2.96	8.17	14.7	2.82	8.22	13.7	2.56	8.33
		120	17.8	3.57	8.30	16.8	3.28	8.39	15.8	3.01	8.48	15.2	2.88	8.52	14.7	2.75	8.57	13.7	2.50	8.66
		150	17.8	3.47	8.63	16.8	3.20	8.70	15.8	2.95	8.78	15.2	2.82	8.81	14.7	2.70	8.85	13.7	2.47	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	3.17	12.8	16.8	2.94	12.9	15.8	2.71	13.1	15.2	2.60	13.1	14.7	2.49	13.2	13.7	2.29	13.3
		120	17.8	3.06	13.2	16.8	2.84	13.3	15.8	2.62	13.4	15.2	2.51	13.5	14.7	2.41	13.5	13.7	2.22	13.6
		150	17.8	2.98	13.6	16.8	2.76	13.7	15.8	2.55	13.7	15.2	2.45	13.8	14.7	2.35	13.8	13.7	2.16	13.9
	20	80	17.8	2.87	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	2.09	17.9
		96	17.8	2.79	17.8	16.8	2.59	17.9	15.8	2.40	18.0	15.2	2.30	18.1	14.7	2.21	18.1	13.7	2.04	18.3
		120	17.8	2.69	18.2	16.8	2.50	18.3	15.8	2.32	18.4	15.2	2.23	18.4	14.7	2.14	18.5	13.7	1.98	18.6
		150	17.8	2.62	18.6	16.8	2.44	18.6	15.8	2.26	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	2.29	27.2	16.8	2.14	27.4	15.8	1.99	27.5	15.2	1.92	27.6	14.7	1.85	27.7	13.7	1.72	27.8
		96	17.8	2.23	27.7	16.8	2.08	27.8	15.8	1.94	27.9	15.2	1.87	28.0	14.7	1.81	28.1	13.7	1.68	28.2
		120	17.8	2.16	28.1	16.8	2.02	28.2	15.8	1.88	28.3	15.2	1.82	28.4	14.7	1.76	28.4	13.7	1.63	28.6
		150	17.8	2.11	28.5	16.8	1.97	28.6	15.8	1.84	28.7	15.2	1.78	28.7	14.7	1.72	28.8	13.7	1.60	28.8
	35	80	17.8	2.08	32.2	16.8	1.94	32.3	15.8	1.82	32.5	15.2	1.76	32.6	14.7	1.70	32.7	13.7	1.58	32.8
		96	17.8	2.02	32.6	16.8	1.89	32.8	15.8	1.77	32.9	15.2	1.71	33.0	14.7	1.66	33.0	13.7	1.55	33.2
		120	17.8	1.96	33.1	16.8	1.84	33.2	15.8	1.72	33.3	15.2	1.67	33.4	14.7	1.61	33.4	13.7	1.51	33.5
		150	17.8	1.92	33.5	16.8	1.80	33.6	15.8	1.69	33.7	15.2	1.64	33.7	14.7	1.58	33.7	13.7	1.48	33.8
	40	80	17.8	2.01	37.2	16.8	1.89	37.3	15.8	1.77	37.5	15.2	1.71	37.6	14.7	1.65	37.7	13.7	1.54	37.8
		96	17.8	1.96	37.6	16.8	1.85	37.8	15.8	1.73	37.9	15.2	1.67	38.0	14.7	1.62	38.0	13.7	1.51	38.2
		120	17.8	1.91	38.1	16.8	1.79	38.2	15.8	1.68	38.3	15.2	1.63	38.4	14.7	1.57	38.4	13.7	1.47	38.5
		150	17.8	1.87	38.5	16.8	1.76	38.6	15.8	1.65	38.7	15.2	1.59	38.7	14.7	1.54	38.7	13.7	1.44	38.8
	45	80	17.8	1.96	42.2	16.8	1.84	42.3	15.8	1.73	42.5	15.2	1.67	42.6	14.7	1.61	42.6	13.7	1.50	42.8
		96	17.8	1.91	42.6	16.8	1.80	42.8	15.8	1.69	42.9	15.2	1.63	43.0	14.7	1.57	43.0	13.7	1.47	43.2
		120	17.8	1.86	43.1	16.8	1.75	43.2	15.8	1.64	43.3	15.2	1.59	43.4	14.7	1.53	43.4	13.7	1.43	43.5
		150	17.8	1.82	43.5	16.8	1.71	43.6	15.8	1.61	43.6	15.2	1.55	43.7	14.7	1.50	43.7	13.7	1.41	43.8

3 Capacity tables

3 - 4 Heating capacity tables with glycol

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
130	10	80	40.4	8.56	7.15	41.1	8.24	7.06	41.6	8.02	6.99	41.8	7.94	6.97	42.0	7.89	6.95	42.2	7.85	6.92
		96	45.2	8.98	7.30	45.6	8.80	7.25	46.0	8.70	7.22	46.1	8.68	7.21	46.2	8.69	7.20	46.3	8.76	7.20
		120	50.7	9.75	7.56	50.9	9.70	7.54	51.1	9.73	7.53	51.1	9.78	7.53	51.1	9.85	7.54	51.0	10.0	7.55
		150	55.3	10.6	7.86	55.4	10.7	7.86	55.4	10.8	7.87	55.3	10.9	7.88	55.3	11.0	7.88	55.1	11.3	7.91
	15	80	59.7	11.2	10.7	59.7	11.3	10.7	59.6	11.5	10.7	59.5	11.7	10.7	59.3	11.8	10.7	59.0	12.2	10.8
		96	61.2	11.2	11.3	61.1	11.4	11.3	61.0	11.6	11.3	60.8	11.8	11.3	60.7	11.9	11.4	60.3	12.3	11.4
		120	62.9	11.3	11.9	62.8	11.5	11.9	62.6	11.8	12.0	62.4	11.9	12.0	62.3	12.1	12.0	61.9	12.5	12.0
		150	64.2	11.4	12.5	64.1	11.6	12.5	63.8	11.9	12.5	63.7	12.0	12.5	63.5	12.2	12.6	63.0	12.6	12.6
	20	80	66.1	11.5	15.1	65.9	11.8	15.2	65.6	12.0	15.2	65.4	12.2	15.2	65.2	12.4	15.3	64.7	12.8	15.3
		96	67.6	11.6	15.8	67.4	11.9	15.9	67.1	12.2	15.9	66.9	12.3	15.9	66.7	12.5	16.0	66.2	12.9	16.0
		120	69.4	11.7	16.6	69.2	12.0	16.6	68.8	12.3	16.6	68.6	12.5	16.7	68.3	12.7	16.7	67.8	13.1	16.7
		150	70.8	11.9	17.2	70.5	12.1	17.2	70.1	12.5	17.2	69.9	12.6	17.3	69.6	12.8	17.3	69.1	13.2	17.3
	25	80	72.5	12.0	19.6	72.1	12.3	19.6	71.7	12.6	19.7	71.5	12.8	19.7	71.2	13.0	19.8	70.6	13.4	19.9
		96	74.1	12.1	20.4	73.7	12.4	20.4	73.3	12.8	20.5	73.0	12.9	20.5	72.7	13.1	20.6	71.4	13.3	20.7
		120	76.0	12.3	21.2	75.6	12.6	21.2	75.1	12.9	21.3	74.8	13.1	21.3	74.5	13.3	21.3	71.4	12.7	21.5
		150	77.5	12.4	21.9	77.1	12.7	21.9	76.5	13.1	22.0	76.3	13.3	22.0	75.9	13.5	22.0	71.4	12.3	22.2
	30	80	78.9	12.5	24.1	78.5	12.8	24.1	77.9	13.2	24.2	77.6	13.4	24.2	76.6	13.4	24.3	71.4	12.0	24.7
		96	80.7	12.7	24.9	80.2	13.0	25.0	79.6	13.4	25.1	79.3	13.6	25.1	76.6	12.9	25.2	71.4	11.5	25.5
		120	82.7	12.8	25.8	82.2	13.2	25.9	81.6	13.5	25.9	79.3	13.0	26.0	76.6	12.3	26.2	71.4	11.1	26.4
		150	84.3	13.0	26.6	83.7	13.3	26.6	81.9	13.3	26.7	79.3	12.6	26.8	76.6	12.0	26.9	71.4	10.7	27.1
	35	80	85.5	13.1	28.5	84.9	13.4	28.6	81.9	13.0	28.8	79.3	12.3	29.0	76.6	11.7	29.2	71.4	10.5	29.5
		96	87.3	13.2	29.5	86.7	13.6	29.5	81.9	12.5	29.8	79.3	11.9	30.0	76.6	11.3	30.1	71.4	10.1	30.4
		120	89.5	13.4	30.5	87.2	13.2	30.6	81.9	12.0	30.8	79.3	11.4	30.9	76.6	10.8	31.1	71.4	9.72	31.3
		150	91.2	13.6	31.3	87.2	12.8	31.4	81.9	11.6	31.6	79.3	11.0	31.7	76.6	10.5	31.8	71.4	9.43	32.0
	40	80	92.2	14.1	33.0	87.2	13.0	33.4	81.9	12.1	33.7	79.3	11.5	33.9	76.6	10.9	34.1	71.4	9.85	34.5
		96	92.4	13.7	34.1	87.2	12.5	34.4	81.9	11.7	34.8	79.3	11.1	34.9	76.6	10.6	35.1	71.4	9.51	35.4
		120	92.4	13.1	35.3	87.2	12.3	35.5	81.9	11.2	35.8	79.3	10.7	35.9	76.6	10.1	36.0	71.4	9.14	36.3
		150	92.4	12.7	36.2	87.2	11.9	36.4	81.9	10.9	36.6	79.3	10.4	36.7	76.6	9.85	36.8	71.4	8.88	37.0
	45	80	92.4	13.4	37.9	87.2	12.6	38.3	81.9	11.6	38.7	79.3	11.0	38.9	76.6	10.5	39.1	71.4	9.46	39.5
		96	92.4	13.3	39.1	87.2	12.2	39.4	81.9	11.2	39.7	79.3	10.6	39.9	76.6	10.1	40.0	71.4	9.14	40.4
		120	92.4	12.8	40.2	87.2	11.8	40.5	81.9	10.7	40.7	79.3	10.2	40.9	76.6	9.74	41.0	71.4	8.80	41.3
		150	92.4	12.4	41.2	87.2	11.4	41.4	81.9	10.4	41.6	79.3	9.93	41.7	76.6	9.46	41.8	71.4	8.56	42.0
120	10	80	41.3	8.15	7.03	41.7	7.97	6.98	42.0	7.87	6.94	42.2	7.85	6.93	42.3	7.85	6.92	42.3	7.91	6.92
		96	45.8	8.75	7.24	46.0	8.69	7.21	46.2	8.70	7.20	46.2	8.73	7.20	46.3	8.78	7.20	46.2	8.93	7.22
		120	51.0	9.70	7.53	51.1	9.76	7.53	51.1	9.88	7.54	51.0	9.96	7.55	51.0	10.1	7.56	50.8	10.3	7.58
		150	55.4	10.7	7.86	55.4	10.8	7.87	55.2	11.0	7.89	55.1	11.2	7.90	55.0	11.3	7.91	54.7	11.6	7.94
	15	80	59.7	11.4	10.7	59.5	11.6	10.7	59.3	11.9	10.8	59.1	12.0	10.8	59.0	12.2	10.8	58.6	12.6	10.9
		96	61.1	11.5	11.3	60.9	11.7	11.3	60.6	12.0	11.4	60.5	12.2	11.4	60.3	12.3	11.4	59.8	12.7	11.5
		120	62.7	11.6	11.9	62.5	11.8	12.0	62.2	12.1	12.0	62.0	12.3	12.0	61.8	12.5	12.1	61.3	12.9	12.1
		150	64.0	11.7	12.5	63.7	12.0	12.5	63.4	12.3	12.6	63.2	12.4	12.6	63.0	12.6	12.6	62.5	13.0	12.6
	20	80	65.8	11.8	15.2	65.5	12.1	15.2	65.1	12.5	15.3	64.9	12.6	15.3	64.7	12.8	15.4	64.2	13.2	15.4
		96	67.3	12.0	15.9	67.0	12.3	15.9	66.6	12.6	16.0	66.3	12.8	16.0	66.1	13.0	16.0	65.6	13.4	16.1
		120	69.0	12.1	16.6	68.7	12.4	16.6	68.2	12.8	16.7	68.0	13.0	16.7	67.7	13.1	16.7	65.9	13.0	16.8
		150	70.4	12.2	17.2	70.0	12.5	17.3	69.5	12.9	17.3	69.3	13.1	17.3	69.0	13.3	17.3	65.9	12.6	17.5
	25	80	72.0	12.4	19.7	71.6	12.7	19.7	71.1	13.1	19.8	70.8	13.3	19.8	70.5	13.5	19.9	65.9	12.1	20.2
		96	73.6	12.5	20.4	73.1	12.9	20.5	72.6	13.2	20.6	72.3	13.4	20.6	70.7	13.1	20.7	65.9	11.7	21.0
		120	75.4	12.7	21.3	75.0	13.0	21.3	74.4	13.4	21.4	73.2	13.2	21.4	70.7	12.5	21.5	65.9	11.2	21.7
		150	76.9	12.8	21.9	76.4	13.2	22.0	75.6	13.5	22.0	73.2	12.8	22.1	70.7	12.1	22.2	65.9	10.9	22.4
	30	80	78.3	13.0	24.2	77.8	13.3	24.2	75.6	13.1	24.4	73.2	12.4	24.6	70.7	11.8	24.7	65.9	10.6	25.0
		96	80.0	13.1	25.0	79.4	13.5	25.1	75.6	12.6	25.3	73.2	12.0	25.4	70.7	11.4	25.6	65.9	10.2	25.8
		120	82.0	13.3	25.9	80.5	13.3	26.0	75.6	12.1	26.2	73.2	11.5	26.3	70.7	10.9	26.4	65.9	9.80	26.7
		150	83.5	13.4	26.7	80.5	12.9	26.8	75.6	11.7	26.9	73.2	11.1	27.0	70.7	10.6	27.1	65.9	9.51	27.3
	35	80	84.7	13.6	28.6	80.5	12.6	28.9	75.6	11.4	29.3	73.2	10.9	29.4	70.7	10.4	29.6	65.9	9.31	29.9
		96	85.3	13.3	29.6	80.5	12.1	29.9	75.6	11.0	30.2	73.2	10.5	30.3	70.7	9.99	30.5	65.9	8.99	30.8
		120	85.3	12.8	30.7	80.5	11.6	30.9	75.6	10.6	31.1	73.2	10.1	31.2	70.7	9.59	31.3	65.9	8.64	31.6
		150	85.3	12.4	31.5	80.5	11.3	31.7	75.6	10.3	31.9	73.2	9.79	32.0	70.7	9.31	32.1	65.9	8.40	32.3
	40	80	85.3	12.5	33.5	80.5	11.8	33.8	75.6	10.7	34.2	73.2	10.2	34.4	70.7	9.72	34.5	65.9	8.77	34.9
		96	85.3	12.4	34.6	80.5	11.4	34.8	75.6	10.3	35.1	73.2	9.86	35.3	70.7	9.39	35.4	65.9	8.47	35.7
		120	85.3	11.9	35.6	80.5	10.9	35.8	75.6	9.94	36.1	73.2	9.48	36.2	70.7	9.03	36.3	65.9	8.16	36.6
		150	85.3	11.6	36.5	80.5	10.6	36.7	75.6	9.65	36.8	73.2	9.20	36.9	70.7	8.77	37.0	65.9	7.93	37.2
	45	80	85.3	12.2	38.5	80.5	11.3	38.8	75.6	10.3	39.1	73.2	9.80	39.3	70.7	9.34	39.5	65.9	8.45	39.9
		96	85.3	11.9	39.5	80.5	10.9	39.8	75.6	9.93	40.1	73.2	9.47	40.2	70.7	9.03	40.4	65.9	8.18	40.7
		120	85.3	11.4	40.6	80.5	10.4	40.8	75.6	9.55	41.1	73.2	9.11	41.2	70.7	8.69	41.3	65.9	7.88	41.5
		150	85.3	11.1	41.5	80.5	10.1	41.6	75.6	9.28	41.8	73.2	8.86	41.9	70.7	8.45	42.0	65.9	7.67	42.2

3 Capacity tables

3 - 4 Heating capacity tables with glycol

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
110	10	80	41.9	7.92	6.96	42.1	7.86	6.93	42.3	7.86	6.92	42.3	7.89	6.91	42.3	7.93	6.92	42.3	8.07	6.93
		96	46.1	8.68	7.20	46.2	8.72	7.20	46.3	8.81	7.20	46.2	8.89	7.21	46.2	8.97	7.22	46.0	9.19	7.25
		120	51.1	9.80	7.53	51.1	9.94	7.54	50.9	10.1	7.56	50.8	10.3	7.58	50.7	10.4	7.59	50.4	10.7	7.63
		150	55.3	10.9	7.88	55.2	11.1	7.90	54.9	11.4	7.92	54.8	11.5	7.93	54.6	11.7	7.95	54.2	12.1	7.99
	15	80	59.4	11.7	10.7	59.2	12.0	10.8	58.9	12.3	10.8	58.7	12.5	10.9	58.5	12.7	10.9	58.0	13.1	11.0
		96	60.8	11.8	11.3	60.5	12.1	11.4	60.2	12.4	11.4	60.0	12.6	11.5	59.7	12.8	11.5	59.3	13.2	11.6
		120	62.4	12.0	12.0	62.1	12.3	12.0	61.7	12.6	12.1	61.5	12.8	12.1	61.2	13.0	12.1	60.4	13.3	12.2
		150	63.6	12.1	12.5	63.3	12.4	12.6	62.9	12.7	12.6	62.6	12.9	12.6	62.4	13.1	12.6	60.4	12.8	12.7
	20	80	65.3	12.3	15.2	65.0	12.6	15.3	64.5	12.9	15.4	64.3	13.1	15.4	64.0	13.3	15.5	60.4	12.3	15.7
		96	66.8	12.4	15.9	66.4	12.7	16.0	65.9	13.1	16.1	65.7	13.3	16.1	64.8	13.2	16.1	60.4	11.8	16.4
		120	68.5	12.6	16.7	68.1	12.9	16.7	67.6	13.3	16.8	67.1	13.4	16.8	64.8	12.7	16.9	60.4	11.4	17.1
		150	69.8	12.7	17.3	69.4	13.0	17.3	68.8	13.4	17.4	67.1	13.0	17.4	64.8	12.3	17.5	60.4	11.0	17.6
	25	80	71.4	12.9	19.8	70.9	13.2	19.8	69.3	13.1	20.0	67.1	12.5	20.1	64.8	11.8	20.3	60.4	10.6	20.5
		96	72.9	13.0	20.5	72.4	13.4	20.6	69.3	12.7	20.8	67.1	12.0	20.9	64.8	11.4	21.0	60.4	10.2	21.3
		120	74.7	13.2	21.3	73.8	13.4	21.4	69.3	12.1	21.6	67.1	11.5	21.7	64.8	11.0	21.8	60.4	9.84	22.0
		150	76.1	13.3	22.0	73.8	13.0	22.1	69.3	11.8	22.3	67.1	11.2	22.3	64.8	10.6	22.4	60.4	9.55	22.6
	30	80	77.5	13.5	24.3	73.8	12.6	24.5	69.3	11.4	24.8	67.1	10.9	25.0	64.8	10.3	25.1	60.4	9.29	25.4
		96	78.2	13.3	25.2	73.8	12.1	25.4	69.3	11.0	25.6	67.1	10.5	25.8	64.8	9.97	25.9	60.4	8.97	26.2
		120	78.2	12.7	26.1	73.8	11.6	26.3	69.3	10.6	26.5	67.1	10.1	26.6	64.8	9.57	26.7	60.4	8.62	26.9
		150	78.2	12.3	26.9	73.8	11.3	27.0	69.3	10.3	27.2	67.1	9.77	27.3	64.8	9.29	27.3	60.4	8.38	27.5
	35	80	78.2	12.1	29.1	73.8	11.0	29.4	69.3	10.0	29.7	67.1	9.56	29.8	64.8	9.10	30.0	60.4	8.21	30.3
		96	78.2	11.6	30.0	73.8	10.6	30.3	69.3	9.69	30.5	67.1	9.23	30.7	64.8	8.79	30.8	60.4	7.93	31.1
		120	78.2	11.2	31.0	73.8	10.2	31.2	69.3	9.31	31.4	67.1	8.87	31.5	64.8	8.45	31.6	60.4	7.64	31.8
		150	78.2	10.8	31.8	73.8	9.90	31.9	69.3	9.03	32.1	67.1	8.62	32.2	64.8	8.21	32.3	60.4	7.42	32.5
	40	80	78.2	11.3	34.0	73.8	10.3	34.3	69.3	9.43	34.6	67.1	9.00	34.8	64.8	8.57	35.0	60.4	7.76	35.3
		96	78.2	10.9	35.0	73.8	9.98	35.2	69.3	9.11	35.5	67.1	8.69	35.6	64.8	8.29	35.8	60.4	7.50	36.1
		120	78.2	10.5	36.0	73.8	9.59	36.2	69.3	8.76	36.4	67.1	8.37	36.5	64.8	7.98	36.6	60.4	7.23	36.8
		150	78.2	10.1	36.7	73.8	9.31	36.9	69.3	8.52	37.1	67.1	8.13	37.2	64.8	7.76	37.3	60.4	7.04	37.5
	45	80	78.2	10.8	39.0	73.8	9.92	39.3	69.3	9.07	39.6	67.1	8.66	39.8	64.8	8.27	39.9	60.4	7.50	40.3
		96	78.2	10.4	39.9	73.8	9.58	40.2	69.3	8.77	40.5	67.1	8.38	40.6	64.8	8.00	40.8	60.4	7.27	41.0
		120	78.2	10.0	40.9	73.8	9.22	41.1	69.3	8.45	41.4	67.1	8.07	41.5	64.8	7.71	41.6	60.4	7.01	41.8
		150	78.2	9.74	41.7	73.8	8.96	41.9	69.3	8.21	42.1	67.1	7.85	42.2	64.8	7.50	42.3	60.4	6.83	42.4
100	10	80	42.2	7.85	6.92	42.3	7.89	6.91	42.3	7.98	6.92	42.3	8.05	6.93	42.3	8.13	6.94	42.1	8.33	6.98
		96	46.3	8.77	7.20	46.2	8.89	7.21	46.1	9.06	7.23	46.0	9.16	7.25	45.9	9.28	7.26	45.7	9.55	7.30
		120	51.0	10.0	7.55	50.8	10.3	7.58	50.6	10.5	7.60	50.5	10.6	7.62	50.3	10.8	7.64	50.0	11.1	7.68
		150	55.0	11.3	7.91	54.8	11.6	7.93	54.5	11.9	7.96	54.3	12.0	7.98	54.1	12.2	8.00	53.7	12.6	8.04
	15	80	59.0	12.2	10.8	58.7	12.5	10.9	58.3	12.8	10.9	58.1	13.0	11.0	57.8	13.2	11.0	54.9	12.4	11.2
		96	60.3	12.3	11.4	60.0	12.6	11.5	59.6	13.0	11.5	59.3	13.2	11.6	59.0	13.3	11.6	54.9	11.9	11.8
		120	61.8	12.5	12.1	61.5	12.8	12.1	61.0	13.2	12.1	60.8	13.4	12.2	59.0	12.8	12.2	54.9	11.4	12.4
		150	63.0	12.6	12.6	62.6	12.9	12.6	62.2	13.3	12.7	61.0	13.0	12.7	59.0	12.4	12.8	54.9	11.1	12.9
	20	80	64.7	12.8	15.3	64.3	13.1	15.4	63.0	13.1	15.5	61.0	12.5	15.7	59.0	11.8	15.8	54.9	10.6	16.0
		96	66.1	12.9	16.0	65.7	13.3	16.1	63.0	12.6	16.2	61.0	12.0	16.3	59.0	11.4	16.5	54.9	10.2	16.7
		120	67.8	13.1	16.7	67.0	13.4	16.8	63.0	12.1	17.0	61.0	11.5	17.0	59.0	10.9	17.1	54.9	9.83	17.3
		150	69.1	13.3	17.3	67.0	12.9	17.4	63.0	11.7	17.6	61.0	11.2	17.6	59.0	10.6	17.7	54.9	9.54	17.8
	25	80	70.6	13.4	19.9	67.0	12.5	20.1	63.0	11.3	20.4	61.0	10.8	20.5	59.0	10.2	20.6	54.9	9.22	20.9
		96	71.1	13.2	20.7	67.0	12.0	20.9	63.0	10.9	21.1	61.0	10.4	21.2	59.0	9.88	21.3	54.9	8.90	21.6
		120	71.1	12.6	21.5	67.0	11.5	21.7	63.0	10.5	21.9	61.0	9.98	22.0	59.0	9.49	22.0	54.9	8.55	22.2
		150	71.1	12.2	22.2	67.0	11.2	22.3	63.0	10.2	22.5	61.0	9.69	22.5	59.0	9.22	22.6	54.9	8.31	22.8
	30	80	71.1	11.9	24.7	67.0	10.9	25.0	63.0	9.89	25.2	61.0	9.42	25.4	59.0	8.97	25.5	54.9	8.09	25.8
		96	71.1	11.5	25.5	67.0	10.5	25.8	63.0	9.55	26.0	61.0	9.10	26.1	59.0	8.66	26.2	54.9	7.82	26.5
		120	71.1	11.0	26.4	67.0	10.1	26.6	63.0	9.17	26.8	61.0	8.74	26.9	59.0	8.33	27.0	54.9	7.53	27.2
		150	71.1	10.7	27.1	67.0	9.76	27.3	63.0	8.91	27.4	61.0	8.49	27.5	59.0	8.09	27.6	54.9	7.32	27.7
	35	80	71.1	10.4	29.6	67.0	9.55	29.8	63.0	8.72	30.1	61.0	8.32	30.3	59.0	7.93	30.4	54.9	7.18	30.7
		96	71.1	10.1	30.4	67.0	9.22	30.7	63.0	8.43	30.9	61.0	8.04	31.0	59.0	7.67	31.2	54.9	6.95	31.4
		120	71.1	9.66	31.3	67.0	8.87	31.5	63.0	8.11	31.7	61.0	7.74	31.8	59.0	7.38	31.9	54.9	6.69	32.1
		150	71.1	9.38	32.1	67.0	8.61	32.2	63.0	7.88	32.4	61.0	7.52	32.4	59.0	7.18	32.5	54.9	6.52	32.7
	40	80	71.1	9.79	34.5	67.0	8.99	34.8	63.0	8.23	35.1	61.0	7.86	35.2	59.0	7.50	35.4	54.9	6.81	35.7
		96	71.1	9.45	35.4	67.0	8.69	35.6	63.0	7.96	35.9	61.0	7.60	36.0	59.0	7.26	36.1	54.9	6.60	36.4
		120	71.1	9.09	36.3	67.0	8.36	36.5	63.0	7.66	36.7	61.0	7.33	36.8	59.0	7.00	36.9	54.9	6.37	37.1
		150	71.1	8.83	37.0	67.0	8.13	37.2	63.0	7.45	37.3	61.0	7.13	37.4	59.0	6.81	37.5	54.9	6.21	37.7
	45	80	71.1	9.41	39.5	67.0	8.66	39.8	63.0	7.94	40.1	61.0	7.60	40.2	59.0	7.26	40.4	54.9	6.62	40.7
		96	71.1	9.09	40.4	67.0	8.38	40.6	63.0	7.69	40.9	61.0	7.36	41.0	59.0	7.04	41.1	54.9	6.42	41.4
		120	71.1	8.75	41.3	67.0	8.07	41.5	63.0	7.42	41.7	61.0	7.10	41.8	59.0	6.79	41.9	54.9	6.20	42.1
		150	71.1	8.51	42.0	67.0	7.85	42.2	63.0	7.22	42.3	61.0	6.92	42.4	59.0	6.62	42.5	54.9	6.05	42.7

3 Capacity tables

3 - 4 Heating capacity tables with glycol

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
90	10	80	42.3	7.96	6.92	42.3	8.07	6.93	42.2	8.24	6.96	42.1	8.34	6.98	42.0	8.44	6.99	41.7	8.70	7.04
		96	46.2	9.01	7.23	46.0	9.20	7.25	45.8	9.42	7.28	45.7	9.55	7.30	45.5	9.69	7.32	45.2	10.00	7.37
		120	50.7	10.4	7.60	50.4	10.7	7.63	50.1	11.0	7.66	50.0	11.1	7.68	49.8	11.3	7.70	49.4	11.7	7.75
		150	54.6	11.8	7.96	54.2	12.1	7.99	53.9	12.4	8.02	53.7	12.6	8.04	53.1	12.6	8.07	49.4	11.3	8.18
	15	80	58.4	12.7	10.9	58.0	13.1	11.0	56.7	13.0	11.1	54.9	12.4	11.2	53.1	11.7	11.3	49.4	10.5	11.5
		96	59.7	12.9	11.5	59.3	13.2	11.6	56.7	12.5	11.7	54.9	11.9	11.8	53.1	11.3	11.9	49.4	10.2	12.1
		120	61.1	13.1	12.1	60.3	13.2	12.2	56.7	12.0	12.3	54.9	11.4	12.4	53.1	10.9	12.5	49.4	9.75	12.6
		150	62.3	13.2	12.7	60.3	12.8	12.7	56.7	11.6	12.8	54.9	11.1	12.9	53.1	10.5	13.0	49.4	9.46	13.1
	20	80	63.9	13.4	15.5	60.3	12.3	15.7	56.7	11.1	15.9	54.9	10.6	16.0	53.1	10.1	16.1	49.4	9.07	16.4
		96	64.0	13.0	16.2	60.3	11.8	16.4	56.7	10.7	16.6	54.9	10.2	16.7	53.1	9.73	16.8	49.4	8.76	17.0
		120	64.0	12.4	16.9	60.3	11.3	17.1	56.7	10.3	17.2	54.9	9.82	17.3	53.1	9.34	17.4	49.4	8.42	17.6
		150	64.0	12.0	17.5	60.3	11.0	17.6	56.7	10.0	17.8	54.9	9.53	17.8	53.1	9.07	17.9	49.4	8.18	18.0
	25	80	64.0	11.6	20.3	60.3	10.6	20.5	56.7	9.66	20.8	54.9	9.21	20.9	53.1	8.76	21.0	49.4	7.91	21.3
		96	64.0	11.2	21.1	60.3	10.2	21.3	56.7	9.33	21.5	54.9	8.89	21.6	53.1	8.47	21.7	49.4	7.65	21.9
		120	64.0	10.7	21.8	60.3	9.83	22.0	56.7	8.96	22.1	54.9	8.55	22.2	53.1	8.14	22.3	49.4	7.37	22.5
		150	64.0	10.4	22.4	60.3	9.54	22.6	56.7	8.71	22.7	54.9	8.30	22.8	53.1	7.91	22.8	49.4	7.16	23.0
	30	80	64.0	10.1	25.2	60.3	9.28	25.4	56.7	8.47	25.7	54.9	8.09	25.8	53.1	7.71	25.9	49.4	6.98	26.2
		96	64.0	9.77	26.0	60.3	8.96	26.2	56.7	8.19	26.4	54.9	7.82	26.5	53.1	7.45	26.6	49.4	6.76	26.8
		120	64.0	9.38	26.7	60.3	8.61	26.9	56.7	7.88	27.1	54.9	7.52	27.2	53.1	7.18	27.3	49.4	6.52	27.4
		150	64.0	9.11	27.4	60.3	8.37	27.5	56.7	7.66	27.7	54.9	7.32	27.7	53.1	6.98	27.8	49.4	6.34	27.9
	35	80	64.0	8.92	30.1	60.3	8.20	30.3	56.7	7.51	30.6	54.9	7.17	30.7	53.1	6.85	30.9	49.4	6.22	31.1
		96	64.0	8.62	30.9	60.3	7.92	31.1	56.7	7.26	31.3	54.9	6.94	31.4	53.1	6.63	31.5	49.4	6.03	31.8
		120	64.0	8.29	31.7	60.3	7.63	31.9	56.7	7.00	32.0	54.9	6.69	32.1	53.1	6.39	32.2	49.4	5.82	32.4
		150	64.0	8.05	32.3	60.3	7.41	32.5	56.7	6.81	32.6	54.9	6.51	32.7	53.1	6.23	32.8	49.4	5.67	32.9
	40	80	64.0	8.41	35.0	60.3	7.75	35.3	56.7	7.11	35.6	54.9	6.81	35.7	53.1	6.51	35.8	49.4	5.94	36.1
		96	64.0	8.13	35.8	60.3	7.50	36.1	56.7	6.89	36.3	54.9	6.60	36.4	53.1	6.31	36.5	49.4	5.76	36.7
		120	64.0	7.83	36.6	60.3	7.22	36.8	56.7	6.65	37.0	54.9	6.37	37.1	53.1	6.09	37.2	49.4	5.57	37.4
		150	64.0	7.62	37.3	60.3	7.03	37.5	56.7	6.47	37.6	54.9	6.20	37.7	53.1	5.94	37.7	49.4	5.43	37.9
	45	80	64.0	8.11	40.0	60.3	7.49	40.3	56.7	6.90	40.5	54.9	6.61	40.7	53.1	6.33	40.8	49.4	5.79	41.1
		96	64.0	7.85	40.8	60.3	7.26	41.0	56.7	6.69	41.3	54.9	6.41	41.4	53.1	6.15	41.5	49.4	5.62	41.7
		120	64.0	7.57	41.6	60.3	7.00	41.8	56.7	6.46	42.0	54.9	6.20	42.1	53.1	5.94	42.2	49.4	5.43	42.4
		150	64.0	7.37	42.3	60.3	6.82	42.4	56.7	6.30	42.6	54.9	6.04	42.7	53.1	5.79	42.7	49.4	5.30	42.9
80	10	80	42.2	8.23	6.96	42.0	8.41	6.99	41.8	8.62	7.03	41.7	8.75	7.05	41.6	8.88	7.07	41.2	9.16	7.13
		96	45.8	9.41	7.28	45.6	9.65	7.32	45.3	9.91	7.36	45.1	10.1	7.38	45.0	10.2	7.41	43.9	10.2	7.48
		120	50.1	11.0	7.66	49.8	11.3	7.70	49.5	11.6	7.74	48.8	11.5	7.77	47.2	10.9	7.83	43.9	9.76	7.96
		150	53.9	12.4	8.02	53.5	12.7	8.05	50.4	11.6	8.15	48.8	11.1	8.20	47.2	10.5	8.25	43.9	9.43	8.35
	15	80	56.9	13.1	11.1	53.6	11.9	11.3	50.4	10.8	11.5	48.8	10.3	11.6	47.2	9.81	11.7	43.9	8.83	11.9
		96	56.9	12.6	11.7	53.6	11.5	11.9	50.4	10.5	12.0	48.8	9.96	12.1	47.2	9.47	12.2	43.9	8.53	12.4
		120	56.9	12.1	12.3	53.6	11.0	12.5	50.4	10.0	12.6	48.8	9.56	12.7	47.2	9.10	12.7	43.9	8.20	12.9
		150	56.9	11.7	12.8	53.6	10.7	12.9	50.4	9.74	13.1	48.8	9.28	13.1	47.2	8.83	13.2	43.9	7.97	13.3
	20	80	56.9	11.2	15.9	53.6	10.2	16.1	50.4	9.34	16.3	48.8	8.90	16.4	47.2	8.47	16.5	43.9	7.65	16.8
		96	56.9	10.8	16.6	53.6	9.89	16.7	50.4	9.01	16.9	48.8	8.60	17.0	47.2	8.19	17.1	43.9	7.40	17.3
		120	56.9	10.4	17.2	53.6	9.49	17.4	50.4	8.67	17.5	48.8	8.27	17.6	47.2	7.88	17.7	43.9	7.13	17.8
		150	56.9	10.1	17.8	53.6	9.22	17.9	50.4	8.42	18.0	48.8	8.03	18.1	47.2	7.66	18.1	43.9	6.93	18.2
	25	80	56.9	9.71	20.8	53.6	8.91	21.0	50.4	8.14	21.2	48.8	7.77	21.3	47.2	7.41	21.4	43.9	6.72	21.7
		96	56.9	9.37	21.5	53.6	8.60	21.6	50.4	7.87	21.8	48.8	7.51	21.9	47.2	7.17	22.0	43.9	6.50	22.2
		120	56.9	9.01	22.1	53.6	8.27	22.3	50.4	7.57	22.4	48.8	7.23	22.5	47.2	6.91	22.6	43.9	6.27	22.8
		150	56.9	8.74	22.7	53.6	8.04	22.8	50.4	7.36	22.9	48.8	7.04	23.0	47.2	6.72	23.1	43.9	6.11	23.2
	30	80	56.9	8.51	25.7	53.6	7.83	25.9	50.4	7.17	26.1	48.8	6.86	26.2	47.2	6.55	26.4	43.9	5.96	26.6
		96	56.9	8.22	26.4	53.6	7.57	26.6	50.4	6.94	26.8	48.8	6.64	26.9	47.2	6.35	27.0	43.9	5.78	27.2
		120	56.9	7.91	27.1	53.6	7.29	27.2	50.4	6.69	27.4	48.8	6.40	27.5	47.2	6.12	27.5	43.9	5.58	27.7
		150	56.9	7.69	27.7	53.6	7.09	27.8	50.4	6.51	27.9	48.8	6.23	28.0	47.2	5.96	28.0	43.9	5.44	28.2
	35	80	56.9	7.54	30.6	53.6	6.95	30.8	50.4	6.39	31.1	48.8	6.12	31.2	47.2	5.85	31.3	43.9	5.34	31.5
		96	56.9	7.29	31.3	53.6	6.73	31.5	50.4	6.19	31.7	48.8	5.93	31.8	47.2	5.68	31.9	43.9	5.19	32.1
		120	56.9	7.03	32.0	53.6	6.49	32.2	50.4	5.97	32.3	48.8	5.73	32.4	47.2	5.48	32.5	43.9	5.02	32.7
		150	56.9	6.83	32.6	53.6	6.32	32.7	50.4	5.82	32.9	48.8	5.58	32.9	47.2	5.35	33.0	43.9	4.90	33.1
	40	80	56.9	7.14	35.5	53.6	6.60	35.8	50.4	6.09	36.0	48.8	5.84	36.2	47.2	5.60	36.3	43.9	5.13	36.5
		96	56.9	6.92	36.3	53.6	6.40	36.5	50.4	5.91	36.7	48.8	5.67	36.8	47.2	5.43	36.9	43.9	4.98	37.1
		120	56.9	6.67	37.0	53.6	6.18	37.2	50.4	5.71	37.3	48.8	5.48	37.4	47.2	5.26	37.5	43.9	4.83	37.7
		150	56.9	6.50	37.6	53.6	6.02	37.7	50.4	5.57	37.9	48.8	5.35	37.9	47.2	5.13	38.0	43.9	4.72	38.1
	45	80	56.9	6.93	40.5	53.6	6.42	40.8	50.4	5.94	41.0	48.8	5.69	41.1	47.2	5.46	41.3	43.9	5.00	41.5
		96	56.9	6.72	41.3	53.6	6.23	41.5	50.4	5.76	41.7	48.8	5.52	41.8	47.2	5.30	41.9	43.9	4.86	42.1
		120	56.9	6.49	42.0	53.6	6.02	42.2	50.4	5.56	42.3	48.8	5.34	42.4	47.2	5.12	42.5	43.9	4.71	42.7
		150	56.9	6.32	42.6	53.6	5.87	42.7	50.4	5.43	42.9	48.8	5.21	42.9	47.2	5.00	43.0	43.9	4.60	43.1

3 Capacity tables

3 - 4 Heating capacity tables with glycol

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
70	10	80	41.8	8.67	7.03	41.5	8.89	7.08	41.3	9.14	7.12	41.1	9.28	7.15	40.9	9.42	7.18	38.4	8.59	7.33
		96	45.2	9.97	7.37	44.9	10.2	7.41	44.1	10.3	7.47	42.7	9.75	7.54	41.3	9.25	7.61	38.4	8.30	7.75
		120	49.4	11.6	7.75	46.9	10.8	7.84	44.1	9.82	7.95	42.7	9.35	8.01	41.3	8.88	8.07	38.4	7.99	8.18
		150	49.8	11.4	8.17	46.9	10.4	8.26	44.1	9.49	8.35	42.7	9.04	8.39	41.3	8.60	8.44	38.4	7.75	8.53
	15	80	49.8	10.6	11.5	46.9	9.74	11.7	44.1	8.88	11.8	42.7	8.47	11.9	41.3	8.07	12.0	38.4	7.30	12.2
		96	49.8	10.3	12.1	46.9	9.40	12.2	44.1	8.58	12.3	42.7	8.18	12.4	41.3	7.80	12.5	38.4	7.06	12.7
		120	49.8	9.85	12.6	46.9	9.03	12.7	44.1	8.25	12.9	42.7	7.87	12.9	41.3	7.51	13.0	38.4	6.80	13.1
		150	49.8	9.56	13.1	46.9	8.77	13.2	44.1	8.02	13.3	42.7	7.65	13.3	41.3	7.30	13.4	38.4	6.62	13.5
	20	80	49.8	9.16	16.4	46.9	8.41	16.5	44.1	7.70	16.7	42.7	7.35	16.8	41.3	7.02	16.9	38.4	6.37	17.1
		96	49.8	8.85	16.9	46.9	8.13	17.1	44.1	7.44	17.3	42.7	7.11	17.3	41.3	6.79	17.4	38.4	6.17	17.6
		120	49.8	8.51	17.5	46.9	7.82	17.7	44.1	7.17	17.8	42.7	6.85	17.9	41.3	6.55	17.9	38.4	5.95	18.1
		150	49.8	8.26	18.0	46.9	7.60	18.1	44.1	6.97	18.2	42.7	6.67	18.3	41.3	6.37	18.3	38.4	5.80	18.4
	25	80	49.8	7.99	21.3	46.9	7.36	21.5	44.1	6.75	21.7	42.7	6.46	21.8	41.3	6.18	21.9	38.4	5.63	22.1
		96	49.8	7.73	21.9	46.9	7.12	22.0	44.1	6.54	22.2	42.7	6.26	22.3	41.3	5.99	22.4	38.4	5.46	22.5
		120	49.8	7.44	22.5	46.9	6.86	22.6	44.1	6.31	22.7	42.7	6.04	22.8	41.3	5.78	22.9	38.4	5.28	23.0
		150	49.8	7.23	23.0	46.9	6.67	23.1	44.1	6.14	23.2	42.7	5.88	23.2	41.3	5.63	23.3	38.4	5.15	23.4
	30	80	49.8	7.05	26.2	46.9	6.51	26.4	44.1	5.99	26.6	42.7	5.74	26.7	41.3	5.50	26.8	38.4	5.03	27.0
		96	49.8	6.82	26.8	46.9	6.31	27.0	44.1	5.81	27.1	42.7	5.57	27.2	41.3	5.34	27.3	38.4	4.89	27.5
		120	49.8	6.58	27.4	46.9	6.08	27.6	44.1	5.61	27.7	42.7	5.38	27.8	41.3	5.16	27.8	38.4	4.73	28.0
		150	49.8	6.40	27.9	46.9	5.93	28.0	44.1	5.47	28.2	42.7	5.25	28.2	41.3	5.03	28.3	38.4	4.62	28.4
	35	80	49.8	6.28	31.1	46.9	5.82	31.3	44.1	5.37	31.5	42.7	5.16	31.6	41.3	4.95	31.7	38.4	4.54	32.0
		96	49.8	6.09	31.7	46.9	5.64	31.9	44.1	5.21	32.1	42.7	5.01	32.2	41.3	4.81	32.3	38.4	4.42	32.5
		120	49.8	5.88	32.4	46.9	5.45	32.5	44.1	5.04	32.7	42.7	4.85	32.7	41.3	4.65	32.8	38.4	4.28	33.0
		150	49.8	5.73	32.9	46.9	5.31	33.0	44.1	4.92	33.1	42.7	4.73	33.2	41.3	4.54	33.2	38.4	4.19	33.4
	40	80	49.8	5.99	36.1	46.9	5.56	36.3	44.1	5.15	36.5	42.7	4.95	36.6	41.3	4.76	36.7	38.4	4.39	37.0
		96	49.8	5.81	36.7	46.9	5.40	36.9	44.1	5.01	37.1	42.7	4.82	37.2	41.3	4.63	37.3	38.4	4.27	37.4
		120	49.8	5.62	37.4	46.9	5.23	37.5	44.1	4.85	37.7	42.7	4.67	37.7	41.3	4.49	37.8	38.4	4.15	38.0
		150	49.8	5.48	37.9	46.9	5.10	38.0	44.1	4.74	38.1	42.7	4.56	38.2	41.3	4.39	38.2	38.4	4.06	38.4
	45	80	49.8	5.84	41.1	46.9	5.42	41.3	44.1	5.02	41.5	42.7	4.83	41.6	41.3	4.64	41.7	38.4	4.28	41.9
		96	49.8	5.67	41.7	46.9	5.27	41.9	44.1	4.88	42.1	42.7	4.70	42.2	41.3	4.52	42.3	38.4	4.16	42.4
		120	49.8	5.48	42.4	46.9	5.09	42.5	44.1	4.73	42.6	42.7	4.55	42.7	41.3	4.38	42.8	38.4	4.04	42.9
		150	49.8	5.34	42.9	46.9	4.97	43.0	44.1	4.62	43.1	42.7	4.45	43.2	41.3	4.28	43.2	38.4	3.96	43.4
60	10	80	41.1	9.28	7.15	40.2	9.23	7.22	37.8	8.37	7.36	36.6	7.96	7.44	35.4	7.56	7.51	32.9	6.80	7.66
		96	42.7	9.74	7.54	40.2	8.90	7.66	37.8	8.09	7.78	36.6	7.70	7.84	35.4	7.33	7.91	32.9	6.60	8.03
		120	42.7	9.34	8.01	40.2	8.55	8.11	37.8	7.80	8.21	36.6	7.43	8.26	35.4	7.08	8.31	32.9	6.40	8.42
		150	42.7	9.03	8.39	40.2	8.28	8.47	37.8	7.57	8.56	36.6	7.23	8.60	35.4	6.90	8.64	32.9	6.25	8.72
	15	80	42.7	8.46	11.9	40.2	7.78	12.1	37.8	7.13	12.3	36.6	6.82	12.3	35.4	6.51	12.4	32.9	5.92	12.6
		96	42.7	8.18	12.4	40.2	7.52	12.6	37.8	6.90	12.7	36.6	6.60	12.8	35.4	6.31	12.8	32.9	5.74	13.0
		120	42.7	7.87	12.9	40.2	7.24	13.0	37.8	6.65	13.1	36.6	6.36	13.2	35.4	6.08	13.3	32.9	5.54	13.4
		150	42.7	7.65	13.3	40.2	7.05	13.4	37.8	6.47	13.5	36.6	6.19	13.5	35.4	5.92	13.6	32.9	5.40	13.7
	20	80	42.7	7.35	16.8	40.2	6.78	17.0	37.8	6.23	17.2	36.6	5.97	17.3	35.4	5.71	17.3	32.9	5.21	17.5
		96	42.7	7.11	17.3	40.2	6.56	17.5	37.8	6.04	17.6	36.6	5.78	17.7	35.4	5.54	17.8	32.9	5.06	17.9
		120	42.7	6.85	17.9	40.2	6.33	18.0	37.8	5.83	18.1	36.6	5.59	18.1	35.4	5.35	18.2	32.9	4.90	18.3
		150	42.7	6.66	18.3	40.2	6.16	18.4	37.8	5.68	18.5	36.6	5.44	18.5	35.4	5.22	18.6	32.9	4.78	18.7
	25	80	42.7	6.46	21.8	40.2	5.97	21.9	37.8	5.51	22.1	36.6	5.29	22.2	35.4	5.07	22.3	32.9	4.65	22.5
		96	42.7	6.25	22.3	40.2	5.79	22.4	37.8	5.35	22.6	36.6	5.13	22.7	35.4	4.92	22.7	32.9	4.52	22.9
		120	42.7	6.03	22.8	40.2	5.59	22.9	37.8	5.17	23.1	36.6	4.96	23.1	35.4	4.76	23.2	32.9	4.38	23.3
		150	42.7	5.88	23.2	40.2	5.45	23.3	37.8	5.04	23.4	36.6	4.84	23.5	35.4	4.65	23.5	32.9	4.28	23.6
	30	80	42.7	5.74	26.7	40.2	5.33	26.9	37.8	4.93	27.1	36.6	4.74	27.1	35.4	4.55	27.2	32.9	4.19	27.4
		96	42.7	5.57	27.2	40.2	5.17	27.4	37.8	4.79	27.5	36.6	4.60	27.6	35.4	4.43	27.7	32.9	4.08	27.8
		120	42.7	5.38	27.8	40.2	5.00	27.9	37.8	4.64	28.0	36.6	4.46	28.1	35.4	4.29	28.1	32.9	3.96	28.3
		150	42.7	5.24	28.2	40.2	4.88	28.3	37.8	4.53	28.4	36.6	4.36	28.5	35.4	4.19	28.5	32.9	3.87	28.6
	35	80	42.7	5.15	31.6	40.2	4.80	31.8	37.8	4.45	32.0	36.6	4.29	32.1	35.4	4.13	32.2	32.9	3.81	32.4
		96	42.7	5.00	32.2	40.2	4.66	32.3	37.8	4.33	32.5	36.6	4.17	32.6	35.4	4.02	32.7	32.9	3.72	32.8
		120	42.7	4.84	32.7	40.2	4.52	32.9	37.8	4.20	33.0	36.6	4.05	33.1	35.4	3.90	33.1	32.9	3.61	33.2
		150	42.7	4.73	33.2	40.2	4.41	33.3	37.8	4.11	33.4	36.6	3.96	33.4	35.4	3.82	33.5	32.9	3.54	33.6
	40	80	42.7	4.95	36.6	40.2	4.62	36.8	37.8	4.31	37.0	36.6	4.15	37.1	35.4	4.00	37.2	32.9	3.71	37.4
		96	42.7	4.81	37.2	40.2	4.50	37.3	37.8	4.19	37.5	36.6	4.05	37.6	35.4	3.90	37.7	32.9	3.62	37.8
		120	42.7	4.66	37.7	40.2	4.36	37.9	37.8	4.07	38.0	36.6	3.93	38.0	35.4	3.79	38.1	32.9	3.52	38.2
		150	42.7	4.56	38.2	40.2	4.27	38.3	37.8	3.99	38.4	36.6	3.85	38.4	35.4	3.72	38.5	32.9	3.45	38.6
	45	80	42.7	4.83	41.6	40.2	4.51	41.8	37.8	4.20	42.0	36.6	4.05	42.1	35.4	3.90	42.2	32.9	3.62	42.4
		96	42.7	4.69	42.2	40.2	4.38	42.3	37.8	4.09	42.5	36.6	3.95	42.6	35.4	3.81	42.6	32.9	3.53	42.8
		120	42.7	4.55	42.7	40.2	4.25	42.9	37.8	3.97	43.0	36.6	3.83	43.0	35.4	3.70	43.1	32.9	3.43	43.2
		150	42.7	4.44	43.2	40.2	4.16	43.3	37.8	3.89	43.4	36.6	3.75	43.4	35.4	3.62	43.5	32.9	3.36	43.6

3 Capacity tables

3 - 4 Heating capacity tables with glycol

20HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
50	10	80	35.5	7.62	7.50	33.5	6.98	7.62	31.5	6.36	7.75	30.5	6.06	7.81	29.5	5.78	7.88	27.5	5.22	8.01
		96	35.5	7.38	7.90	33.5	6.77	8.00	31.5	6.19	8.11	30.5	5.91	8.17	29.5	5.64	8.22	27.5	5.11	8.33
		120	35.5	7.13	8.30	33.5	6.56	8.39	31.5	6.02	8.48	30.5	5.76	8.52	29.5	5.50	8.57	27.5	5.01	8.66
		150	35.5	6.94	8.63	33.5	6.41	8.70	31.5	5.89	8.78	30.5	5.64	8.81	29.5	5.40	8.85	27.5	4.93	8.92
	15	80	35.5	6.55	12.4	33.5	6.06	12.5	31.5	5.59	12.7	30.5	5.36	12.7	29.5	5.14	12.8	27.5	4.71	13.0
		96	35.5	6.35	12.8	33.5	5.87	12.9	31.5	5.42	13.1	30.5	5.20	13.1	29.5	4.99	13.2	27.5	4.57	13.3
		120	35.5	6.12	13.2	33.5	5.67	13.3	31.5	5.24	13.4	30.5	5.03	13.5	29.5	4.82	13.5	27.5	4.43	13.6
		150	35.5	5.96	13.6	33.5	5.53	13.7	31.5	5.11	13.7	30.5	4.91	13.8	29.5	4.71	13.8	27.5	4.33	13.9
	20	80	35.5	5.75	17.3	33.5	5.33	17.5	31.5	4.93	17.6	30.5	4.74	17.7	29.5	4.55	17.8	27.5	4.19	17.9
		96	35.5	5.57	17.8	33.5	5.17	17.9	31.5	4.79	18.0	30.5	4.61	18.1	29.5	4.43	18.1	27.5	4.08	18.3
		120	35.5	5.38	18.2	33.5	5.00	18.3	31.5	4.64	18.4	30.5	4.46	18.4	29.5	4.29	18.5	27.5	3.96	18.6
		150	35.5	5.25	18.6	33.5	4.88	18.6	31.5	4.53	18.7	30.5	4.36	18.8	29.5	4.19	18.8	27.5	3.87	18.9
	25	80	35.5	5.10	22.3	33.5	4.75	22.4	31.5	4.41	22.6	30.5	4.24	22.6	29.5	4.08	22.7	27.5	3.77	22.9
		96	35.5	4.95	22.7	33.5	4.61	22.8	31.5	4.29	23.0	30.5	4.13	23.0	29.5	3.98	23.1	27.5	3.68	23.2
		120	35.5	4.79	23.2	33.5	4.47	23.3	31.5	4.16	23.4	30.5	4.01	23.4	29.5	3.86	23.5	27.5	3.58	23.6
		150	35.5	4.68	23.5	33.5	4.37	23.6	31.5	4.07	23.7	30.5	3.92	23.7	29.5	3.78	23.8	27.5	3.50	23.9
	30	80	35.5	4.58	27.2	33.5	4.27	27.4	31.5	3.98	27.5	30.5	3.84	27.6	29.5	3.70	27.7	27.5	3.44	27.8
		96	35.5	4.45	27.7	33.5	4.16	27.8	31.5	3.88	27.9	30.5	3.74	28.0	29.5	3.61	28.1	27.5	3.36	28.2
		120	35.5	4.31	28.1	33.5	4.04	28.2	31.5	3.77	28.3	30.5	3.64	28.4	29.5	3.51	28.4	27.5	3.27	28.6
		150	35.5	4.22	28.5	33.5	3.95	28.6	31.5	3.69	28.7	30.5	3.56	28.7	29.5	3.44	28.8	27.5	3.20	28.8
	35	80	35.5	4.15	32.2	33.5	3.89	32.3	31.5	3.64	32.5	30.5	3.51	32.6	29.5	3.39	32.7	27.5	3.16	32.8
		96	35.5	4.04	32.6	33.5	3.79	32.8	31.5	3.55	32.9	30.5	3.43	33.0	29.5	3.31	33.0	27.5	3.09	33.2
		120	35.5	3.92	33.1	33.5	3.68	33.2	31.5	3.45	33.3	30.5	3.34	33.4	29.5	3.23	33.4	27.5	3.01	33.5
		150	35.5	3.84	33.5	33.5	3.60	33.6	31.5	3.38	33.7	30.5	3.27	33.7	29.5	3.16	33.7	27.5	2.96	33.8
	40	80	35.5	4.02	37.2	33.5	3.78	37.3	31.5	3.54	37.5	30.5	3.43	37.6	29.5	3.31	37.7	27.5	3.08	37.8
		96	35.5	3.92	37.6	33.5	3.69	37.8	31.5	3.46	37.9	30.5	3.34	38.0	29.5	3.23	38.0	27.5	3.01	38.2
		120	35.5	3.81	38.1	33.5	3.59	38.2	31.5	3.36	38.3	30.5	3.25	38.4	29.5	3.15	38.4	27.5	2.94	38.5
		150	35.5	3.74	38.5	33.5	3.51	38.6	31.5	3.30	38.7	30.5	3.19	38.7	29.5	3.09	38.7	27.5	2.88	38.8
	45	80	35.5	3.92	42.2	33.5	3.69	42.3	31.5	3.46	42.5	30.5	3.34	42.6	29.5	3.23	42.6	27.5	3.01	42.8
		96	35.5	3.83	42.6	33.5	3.60	42.8	31.5	3.37	42.9	30.5	3.26	43.0	29.5	3.15	43.0	27.5	2.94	43.2
		120	35.5	3.72	43.1	33.5	3.50	43.2	31.5	3.28	43.3	30.5	3.17	43.4	29.5	3.07	43.4	27.5	2.86	43.5
		150	35.5	3.64	43.5	33.5	3.43	43.6	31.5	3.21	43.6	30.5	3.11	43.7	29.5	3.01	43.7	27.5	2.81	43.8

3 Capacity tables

3 - 4 Heating capacity tables with glycol

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																		
			16.0			18.0			20.0			21.0			22.0			24.0				
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	
130	10	80	60.6	12.8	7.15	61.6	12.4	7.06	62.4	12.0	6.99	62.7	11.9	6.97	63.0	11.8	6.95	63.4	11.8	6.92	
		96	67.8	13.5	7.30	68.5	13.2	7.25	69.0	13.1	7.22	69.1	13.0	7.21	69.3	13.0	7.20	69.4	13.1	7.20	
		120	76.0	14.6	7.56	76.4	14.6	7.54	76.6	14.6	7.53	76.6	14.7	7.53	76.6	14.8	7.54	76.5	15.1	7.55	
		150	82.9	15.9	7.86	83.1	16.0	7.86	83.1	16.2	7.87	83.0	16.3	7.88	82.9	16.5	7.88	82.6	16.9	7.91	
	15	80	89.6	16.8	10.7	89.5	17.0	10.7	89.4	17.3	10.7	89.2	17.5	10.7	89.0	17.7	10.7	88.5	18.2	10.8	
		96	91.8	16.9	11.3	91.7	17.1	11.3	91.4	17.5	11.3	91.3	17.7	11.3	91.0	17.9	11.4	90.5	18.4	11.4	
		120	94.3	17.0	11.9	94.2	17.3	11.9	93.9	17.7	12.0	93.6	17.9	12.0	93.4	18.1	12.0	92.8	18.7	12.0	
		150	96.3	17.1	12.5	96.1	17.4	12.5	95.7	17.8	12.5	95.5	18.1	12.5	95.2	18.3	12.6	94.6	18.9	12.6	
	20	80	99.1	17.3	15.1	98.8	17.6	15.2	98.4	18.1	15.2	98.1	18.3	15.2	97.8	18.6	15.3	97.1	19.2	15.3	
		96	101	17.4	15.8	101	17.8	15.9	101	18.3	15.9	100	18.5	15.9	100.0	18.8	16.0	99.2	19.4	16.0	
		120	104	17.6	16.6	104	18.0	16.6	103	18.5	16.6	103	18.7	16.7	103	19.0	16.7	102	19.6	16.7	
		150	106	17.8	17.2	106	18.2	17.2	105	18.7	17.2	105	18.9	17.3	104	19.2	17.3	104	19.9	17.3	
	25	80	109	18.0	19.6	108	18.4	19.6	108	18.9	19.7	107	19.2	19.7	107	19.5	19.8	106	20.1	19.9	
		96	111	18.2	20.4	111	18.6	20.4	110	19.1	20.5	110	19.4	20.5	109	19.7	20.6	107	19.9	20.7	
		120	114	18.4	21.2	113	18.9	21.2	113	19.4	21.3	112	19.7	21.3	112	20.0	21.3	107	19.1	21.5	
		150	116	18.6	21.9	116	19.1	21.9	115	19.6	22.0	114	19.9	22.0	114	20.2	22.0	107	18.5	22.2	
	30	80	118	18.8	24.1	118	19.3	24.1	117	19.8	24.2	116	20.1	24.2	115	20.0	24.3	107	17.9	24.7	
		96	121	19.0	24.9	120	19.5	25.0	119	20.1	25.1	119	20.3	25.1	115	19.3	25.2	107	17.3	25.5	
		120	124	19.3	25.8	123	19.8	25.9	122	20.3	25.9	119	19.5	26.0	115	18.5	26.2	107	16.6	26.4	
		150	126	19.5	26.6	126	20.0	26.6	123	19.9	26.7	119	18.9	26.8	115	17.9	26.9	107	16.1	27.1	
	35	80	128	19.6	28.5	127	20.2	28.6	123	19.4	28.8	119	18.5	29.0	115	17.5	29.2	107	15.7	29.5	
		96	131	19.9	29.5	130	20.4	29.5	123	18.7	29.8	119	17.8	30.0	115	16.9	30.1	107	15.2	30.4	
		120	134	20.1	30.5	131	19.8	30.6	123	18.0	30.8	119	17.1	30.9	115	16.2	31.1	107	14.6	31.3	
		150	137	20.4	31.3	131	19.2	31.4	123	17.4	31.6	119	16.6	31.7	115	15.7	31.8	107	14.2	32.0	
	40	80	138	21.1	33.0	131	19.4	33.4	123	18.2	33.7	119	17.3	33.9	115	16.4	34.1	107	14.8	34.5	
		96	139	20.5	34.1	131	18.7	34.4	123	17.5	34.8	119	16.7	34.9	115	15.8	35.1	107	14.3	35.4	
		120	139	19.7	35.3	131	18.5	35.5	123	16.8	35.8	119	16.0	35.9	115	15.2	36.0	107	13.7	36.3	
		150	139	19.0	36.2	131	17.9	36.4	123	16.3	36.6	119	15.5	36.7	115	14.8	36.8	107	13.3	37.0	
	45	80	139	20.1	37.9	131	18.9	38.3	123	17.4	38.7	119	16.5	38.9	115	15.7	39.1	107	14.2	39.5	
		96	139	20.0	39.1	131	18.3	39.4	123	16.7	39.7	119	16.0	39.9	115	15.2	40.0	107	13.7	40.4	
		120	139	19.2	40.2	131	17.6	40.5	123	16.1	40.7	119	15.3	40.9	115	14.6	41.0	107	13.2	41.3	
		150	139	18.6	41.2	131	17.1	41.4	123	15.6	41.6	119	14.9	41.7	115	14.2	41.8	107	12.8	42.0	
120	10	80	61.9	12.2	7.03	62.6	12.0	6.98	63.1	11.8	6.94	63.3	11.8	6.93	63.4	11.8	6.92	63.5	11.9	6.92	
		96	68.7	13.1	7.24	69.1	13.0	7.21	69.3	13.0	7.20	69.4	13.1	7.20	69.4	13.2	7.20	69.3	13.4	7.22	
		120	76.5	14.6	7.53	76.6	14.6	7.53	76.6	14.8	7.54	76.6	14.9	7.55	76.5	15.1	7.56	76.2	15.5	7.58	
		150	83.1	16.0	7.86	83.0	16.2	7.87	82.9	16.6	7.89	82.7	16.7	7.90	82.5	17.0	7.91	82.1	17.5	7.94	
	15	80	89.5	17.1	10.7	89.3	17.4	10.7	88.9	17.8	10.8	88.7	18.0	10.8	88.4	18.3	10.8	87.8	18.9	10.9	
		96	91.6	17.2	11.3	91.3	17.6	11.3	90.9	18.0	11.4	90.7	18.2	11.4	90.4	18.5	11.4	89.8	19.1	11.5	
		120	94.1	17.4	11.9	93.7	17.8	12.0	93.3	18.2	12.0	93.0	18.5	12.0	92.7	18.7	12.1	92.0	19.4	12.1	
		150	96.0	17.5	12.5	95.6	17.9	12.5	95.1	18.4	12.6	94.8	18.7	12.6	94.5	18.9	12.6	93.8	19.6	12.6	
	20	80	98.7	17.8	15.2	98.2	18.2	15.2	97.7	18.7	15.3	97.4	18.9	15.3	97.0	19.2	15.4	96.2	19.9	15.4	
		96	101	18.0	15.9	100	18.4	15.9	99.9	18.9	16.0	99.5	19.2	16.0	99.1	19.5	16.0	98.3	20.1	16.1	
		120	104	18.2	16.6	103	18.6	16.6	102	19.1	16.7	102	19.4	16.7	102	19.7	16.7	98.8	19.5	16.8	
		150	106	18.4	17.2	105	18.8	17.3	104	19.4	17.3	104	19.6	17.3	104	19.9	17.3	98.8	18.9	17.5	
	25	80	108	18.6	19.7	107	19.1	19.7	107	19.6	19.8	106	19.9	19.8	106	20.2	19.9	98.8	18.2	20.2	
		96	110	18.8	20.4	110	19.3	20.5	109	19.8	20.6	109	20.1	20.6	106	19.6	20.7	98.8	17.6	21.0	
		120	113	19.0	21.3	112	19.5	21.3	112	20.1	21.4	110	19.8	21.4	106	18.8	21.5	98.8	16.8	21.7	
		150	115	19.2	21.9	115	19.8	22.0	113	20.2	22.0	110	19.2	22.1	106	18.2	22.2	98.8	16.3	22.4	
	30	80	117	19.5	24.2	117	20.0	24.2	113	19.6	24.4	110	18.6	24.6	106	17.7	24.7	98.8	15.9	25.0	
		96	120	19.7	25.0	119	20.2	25.1	113	18.9	25.3	110	18.0	25.4	106	17.1	25.6	98.8	15.3	25.8	
		120	123	20.0	25.9	121	20.0	26.0	113	18.1	26.2	110	17.2	26.3	106	16.4	26.4	98.8	14.7	26.7	
		150	125	20.2	26.7	121	19.3	26.8	113	17.6	26.9	110	16.7	27.0	106	15.9	27.1	98.8	14.3	27.3	
	35	80	127	20.4	28.6	121	18.9	28.9	113	17.2	29.3	110	16.3	29.4	106	15.5	29.6	98.8	14.0	29.9	
		96	128	20.0	29.6	121	18.2	29.9	113	16.6	30.2	110	15.8	30.3	106	15.0	30.5	98.8	13.5	30.8	
		120	128	19.1	30.7	121	17.5	30.9	113	15.9	31.1	110	15.1	31.2	106	14.4	31.3	98.8	13.0	31.6	
		150	128	18.5	31.5	121	16.9	31.7	113	15.4	31.9	110	14.7	32.0	106	14.0	32.1	98.8	12.6	32.3	
	40	80	128	18.8	33.5	121	17.7	33.8	113	16.1	34.2	110	15.3	34.4	106	14.6	34.5	98.8	13.2	34.9	
		96	128	18.6	34.6	121	17.0	34.8	113	15.5	35.1	110	14.8	35.3	106	14.1	35.4	98.8	12.7	35.7	
		120	128	17.9	35.6	121	16.4	35.8	113	14.9	36.1	110	14.2	36.2	106	13.5	36.3	98.8	12.2	36.6	
		150	128	17.3	36.5	121	15.9	36.7	113	14.5	36.8	110	13.8	36.9	106	13.2	37.0	98.8	11.9	37.2	
	45	80	128	18.3	38.5	121	16.9	38.8	113	15.4	39.1	110	14.7	39.3	106	14.0	39.5	98.8	12.7	39.9	
		96	128	17.8	39.5	121	16.3	39.8	113	14.9	40.1	110	14.2	40.2	106	13.5	40.4	98.8	12.3	40.7	
		120	128	17.1	40.6	121	15.7	40.8	113	14.3	41.1	110	13.7	41.2	106	13.0	41.3	98.8	11.8	41.5	
		150	128	16.6	41.5	121	15.2	41.6	113	13.9	41.8	110	13.3	41.9	106	12.7	42.0	98.8	11.5	42.2	

3 Capacity tables

3 - 4 Heating capacity tables with glycol

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
110	10	80	62.8	11.9	6.96	63.2	11.8	6.93	63.4	11.8	6.92	63.5	11.8	6.91	63.5	11.9	6.92	63.4	12.1	6.93
		96	69.2	13.0	7.20	69.4	13.1	7.20	69.4	13.2	7.20	69.3	13.3	7.21	69.3	13.5	7.22	69.0	13.8	7.25
		120	76.6	14.7	7.53	76.6	14.9	7.54	76.4	15.2	7.56	76.3	15.4	7.58	76.1	15.6	7.59	75.6	16.0	7.63
		150	83.0	16.4	7.88	82.7	16.7	7.90	82.4	17.1	7.92	82.2	17.3	7.93	81.9	17.6	7.95	81.4	18.1	7.99
	15	80	89.1	17.6	10.7	88.8	18.0	10.8	88.3	18.5	10.8	88.0	18.7	10.9	87.7	19.0	10.9	87.0	19.6	11.0
		96	91.2	17.8	11.3	90.8	18.2	11.4	90.2	18.7	11.4	89.9	18.9	11.5	89.6	19.2	11.5	88.9	19.9	11.6
		120	93.5	18.0	12.0	93.1	18.4	12.0	92.5	18.9	12.1	92.2	19.2	12.1	91.9	19.5	12.1	90.6	19.9	12.2
		150	95.4	18.2	12.5	94.9	18.6	12.6	94.3	19.1	12.6	93.9	19.4	12.6	93.6	19.7	12.6	90.6	19.3	12.7
	20	80	98.0	18.4	15.2	97.5	18.9	15.3	96.8	19.4	15.4	96.4	19.7	15.4	96.1	20.0	15.5	90.6	18.4	15.7
		96	100	18.6	15.9	99.6	19.1	16.0	98.9	19.6	16.1	98.5	19.9	16.1	97.3	19.8	16.1	90.6	17.8	16.4
		120	103	18.9	16.7	102	19.4	16.7	101	19.9	16.8	101	20.1	16.8	97.3	19.0	16.9	90.6	17.0	17.1
		150	105	19.1	17.3	104	19.6	17.3	103	20.1	17.4	101	19.4	17.4	97.3	18.4	17.5	90.6	16.5	17.6
	25	80	107	19.3	19.8	106	19.8	19.8	104	19.7	20.0	101	18.7	20.1	97.3	17.8	20.3	90.6	15.9	20.5
		96	109	19.5	20.5	109	20.1	20.6	104	19.0	20.8	101	18.0	20.9	97.3	17.1	21.0	90.6	15.4	21.3
		120	112	19.8	21.3	111	20.1	21.4	104	18.2	21.6	101	17.3	21.7	97.3	16.4	21.8	90.6	14.8	22.0
		150	114	20.0	22.0	111	19.4	22.1	104	17.6	22.3	101	16.8	22.3	97.3	15.9	22.4	90.6	14.3	22.6
	30	80	116	20.2	24.3	111	18.9	24.5	104	17.1	24.8	101	16.3	25.0	97.3	15.5	25.1	90.6	13.9	25.4
		96	117	19.9	25.2	111	18.2	25.4	104	16.5	25.6	101	15.7	25.8	97.3	14.9	25.9	90.6	13.5	26.2
		120	117	19.1	26.1	111	17.4	26.3	104	15.9	26.5	101	15.1	26.6	97.3	14.4	26.7	90.6	12.9	26.9
		150	117	18.5	26.9	111	16.9	27.0	104	15.4	27.2	101	14.6	27.3	97.3	13.9	27.3	90.6	12.6	27.5
	35	80	117	18.1	29.1	111	16.5	29.4	104	15.1	29.7	101	14.3	29.8	97.3	13.6	30.0	90.6	12.3	30.3
		96	117	17.4	30.0	111	15.9	30.3	104	14.5	30.5	101	13.8	30.7	97.3	13.2	30.8	90.6	11.9	31.1
		120	117	16.7	31.0	111	15.3	31.2	104	14.0	31.4	101	13.3	31.5	97.3	12.7	31.6	90.6	11.5	31.8
		150	117	16.2	31.8	111	14.9	31.9	104	13.6	32.1	101	12.9	32.2	97.3	12.3	32.3	90.6	11.1	32.5
	40	80	117	16.9	34.0	111	15.5	34.3	104	14.1	34.6	101	13.5	34.8	97.3	12.9	35.0	90.6	11.6	35.3
		96	117	16.3	35.0	111	15.0	35.2	104	13.7	35.5	101	13.0	35.6	97.3	12.4	35.8	90.6	11.3	36.1
		120	117	15.7	36.0	111	14.4	36.2	104	13.1	36.4	101	12.5	36.5	97.3	12.0	36.6	90.6	10.8	36.8
		150	117	15.2	36.7	111	14.0	36.9	104	12.8	37.1	101	12.2	37.2	97.3	11.6	37.3	90.6	10.6	37.5
	45	80	117	16.2	39.0	111	14.9	39.3	104	13.6	39.6	101	13.0	39.8	97.3	12.4	39.9	90.6	11.3	40.3
		96	117	15.6	39.9	111	14.4	40.2	104	13.2	40.5	101	12.6	40.6	97.3	12.0	40.8	90.6	10.9	41.0
		120	117	15.0	40.9	111	13.8	41.1	104	12.7	41.4	101	12.1	41.5	97.3	11.6	41.6	90.6	10.5	41.8
		150	117	14.6	41.7	111	13.4	41.9	104	12.3	42.1	101	11.8	42.2	97.3	11.3	42.3	90.6	10.2	42.4
100	10	80	63.4	11.8	6.92	63.5	11.8	6.91	63.5	12.0	6.92	63.5	12.1	6.93	63.4	12.2	6.94	63.1	12.5	6.98
		96	69.4	13.2	7.20	69.3	13.3	7.21	69.2	13.6	7.23	69.1	13.7	7.25	68.9	13.9	7.26	68.5	14.3	7.30
		120	76.5	15.1	7.55	76.3	15.4	7.58	75.9	15.8	7.60	75.7	16.0	7.62	75.5	16.2	7.64	74.9	16.7	7.68
		150	82.6	16.9	7.91	82.2	17.3	7.93	81.7	17.8	7.96	81.4	18.0	7.98	81.2	18.3	8.00	80.5	18.9	8.04
	15	80	88.5	18.3	10.8	88.0	18.7	10.9	87.4	19.3	10.9	87.1	19.5	11.0	86.8	19.8	11.0	82.4	18.6	11.2
		96	90.5	18.5	11.4	89.9	18.9	11.5	89.3	19.5	11.5	89.0	19.8	11.6	88.4	20.0	11.6	82.4	17.9	11.8
		120	92.8	18.7	12.1	92.2	19.2	12.1	91.5	19.7	12.1	91.2	20.0	12.2	88.4	19.2	12.2	82.4	17.2	12.4
		150	94.5	18.9	12.6	93.9	19.4	12.6	93.3	20.0	12.7	91.5	19.6	12.7	88.4	18.6	12.8	82.4	16.6	12.9
	20	80	97.1	19.2	15.3	96.4	19.7	15.4	94.5	19.7	15.5	91.5	18.7	15.7	88.4	17.8	15.8	82.4	15.9	16.0
		96	99.2	19.4	16.0	98.5	19.9	16.1	94.5	18.9	16.2	91.5	18.0	16.3	88.4	17.1	16.5	82.4	15.4	17
		120	102	19.7	16.7	101	20.0	16.8	94.5	18.2	17.0	91.5	17.3	17.0	88.4	16.4	17.1	82.4	14.7	17.3
		150	104	19.9	17.3	101	19.4	17.4	94.5	17.6	17.6	91.5	16.8	17.6	88.4	15.9	17.7	82.4	14.3	17.8
	25	80	106	20.2	19.9	101	18.7	20.1	94.5	17.0	20.4	91.5	16.2	20.5	88.4	15.4	20.6	82.4	13.8	20.9
		96	107	19.8	20.7	101	18.0	20.9	94.5	16.4	21.1	91.5	15.6	21.2	88.4	14.8	21.3	82.4	13.3	21.6
		120	107	18.9	21.5	101	17.3	21.7	94.5	15.7	21.9	91.5	15.0	22.0	88.4	14.2	22.0	82.4	12.8	22.2
		150	107	18.4	22.2	101	16.8	22.3	94.5	15.3	22.5	91.5	14.5	22.5	88.4	13.8	22.6	82.4	12.5	22.8
	30	80	107	17.8	24.7	101	16.3	25.0	94.5	14.8	25.2	91.5	14.1	25.4	88.4	13.4	25.5	82.4	12.1	25.8
		96	107	17.2	25.5	101	15.7	25.8	94.5	14.3	26.0	91.5	13.6	26.1	88.4	13.0	26.2	82.4	11.7	26.5
		120	107	16.5	26.4	101	15.1	26.6	94.5	13.8	26.8	91.5	13.1	26.9	88.4	12.5	27.0	82.4	11.3	27.2
		150	107	16.0	27.1	101	14.6	27.3	94.5	13.4	27.4	91.5	12.7	27.5	88.4	12.1	27.6	82.4	11.0	27.7
	35	80	107	15.6	29.6	101	14.3	29.8	94.5	13.1	30.1	91.5	12.5	30.3	88.4	11.9	30.4	82.4	10.8	30.7
		96	107	15.1	30.4	101	13.8	30.7	94.5	12.6	30.9	91.5	12.1	31.0	88.4	11.5	31.2	82.4	10.4	31.4
		120	107	14.5	31.3	101	13.3	31.5	94.5	12.2	31.7	91.5	11.6	31.8	88.4	11.1	31.9	82.4	10.0	32.1
		150	107	14.1	32.1	101	12.9	32.2	94.5	11.8	32.4	91.5	11.3	32.4	88.4	10.8	32.5	82.4	9.77	32.7
	40	80	107	14.7	34.5	101	13.5	34.8	94.5	12.3	35.1	91.5	11.8	35.2	88.4	11.3	35.4	82.4	10.2	35.7
		96	107	14.2	35.4	101	13.0	35.6	94.5	11.9	35.9	91.5	11.4	36.0	88.4	10.9	36.1	82.4	9.90	36.4
		120	107	13.6	36.3	101	12.5	36.5	94.5	11.5	36.7	91.5	11.0	36.8	88.4	10.5	36.9	82.4	9.55	37.1
		150	107	13.2	37.0	101	12.2	37.2	94.5	11.2	37.3	91.5	10.7	37.4	88.4	10.2	37.5	82.4	9.31	37.7
	45	80	107	14.1	39.5	101	13.0	39.8	94.5	11.9	40.1	91.5	11.4	40.2	88.4	10.9	40.4	82.4	9.93	40.7
		96	107	13.6	40.4	101	12.6	40.6	94.5	11.5	40.9	91.5	11.0	41.0	88.4	10.6	41.1	82.4	9.63	41.4
		120	107	13.1	41.3	101	12.1	41.5	94.5	11.1	41.7	91.5	10.7	41.8	88.4	10.2	41.9	82.4	9.30	42.1
		150	107	12.8	42.0	101	11.8	42.2	94.5	10.8	42.3	91.5	10.4	42.4	88.4	9.93	42.5	82.4	9.07	42.7

3 Capacity tables

3 - 4 Heating capacity tables with glycol

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
90	10	80	63.5	11.9	6.92	63.4	12.1	6.93	63.3	12.4	6.96	63.1	12.5	6.98	63.0	12.7	6.99	62.6	13.0	7.04
		96	69.2	13.5	7.23	69.0	13.8	7.25	68.7	14.1	7.28	68.5	14.3	7.30	68.3	14.5	7.32	67.8	15.0	7.37
		120	76.0	15.7	7.60	75.6	16.0	7.63	75.2	16.5	7.66	74.9	16.7	7.68	74.7	17.0	7.70	74.0	17.5	7.75
		150	81.8	17.7	7.96	81.4	18.1	7.99	80.8	18.6	8.02	80.5	18.9	8.04	79.6	18.9	8.07	74.1	16.9	8.18
	15	80	87.6	19.1	10.9	87.0	19.6	11.0	85.1	19.5	11.1	82.3	18.5	11.2	79.6	17.6	11.3	74.1	15.8	11.5
		96	89.5	19.3	11.5	88.9	19.9	11.6	85.1	18.8	11.7	82.3	17.9	11.8	79.6	17.0	11.9	74.1	15.2	12.1
		120	91.7	19.6	12.1	90.5	19.9	12.2	85.1	18.0	12.3	82.3	17.1	12.4	79.6	16.3	12.5	74.1	14.6	12.6
		150	93.4	19.8	12.7	90.5	19.2	12.7	85.1	17.5	12.8	82.3	16.6	12.9	79.6	15.8	13.0	74.1	14.2	13.1
	20	80	95.9	20.1	15.5	90.5	18.4	15.7	85.1	16.7	15.9	82.3	15.9	16.0	79.6	15.1	16.1	74.1	13.6	16.4
		96	96.0	19.4	16.2	90.5	17.7	16.4	85.1	16.1	16.6	82.3	15.3	16.7	79.6	14.6	16.8	74.1	13.1	17.0
		120	96.0	18.6	16.9	90.5	17.0	17.1	85.1	15.5	17.2	82.3	14.7	17.3	79.6	14.0	17.4	74.1	12.6	17.6
		150	96.0	18.1	17.5	90.5	16.5	17.6	85.1	15.0	17.8	82.3	14.3	17.8	79.6	13.6	17.9	74.1	12.3	18.0
	25	80	96.0	17.4	20.3	90.5	15.9	20.5	85.1	14.5	20.8	82.3	13.8	20.9	79.6	13.1	21.0	74.1	11.9	21.3
		96	96.0	16.8	21.1	90.5	15.4	21.3	85.1	14.0	21.5	82.3	13.3	21.6	79.6	12.7	21.7	74.1	11.5	21.9
		120	96.0	16.1	21.8	90.5	14.7	22.0	85.1	13.4	22.1	82.3	12.8	22.2	79.6	12.2	22.3	74.1	11.0	22.5
		150	96.0	15.6	22.4	90.5	14.3	22.6	85.1	13.1	22.7	82.3	12.5	22.8	79.6	11.9	22.8	74.1	10.7	23.0
	30	80	96.0	15.2	25.2	90.5	13.9	25.4	85.1	12.7	25.7	82.3	12.1	25.8	79.6	11.6	25.9	74.1	10.5	26.2
		96	96.0	14.7	26.0	90.5	13.4	26.2	85.1	12.3	26.4	82.3	11.7	26.5	79.6	11.2	26.6	74.1	10.1	26.8
		120	96.0	14.1	26.7	90.5	12.9	26.9	85.1	11.8	27.1	82.3	11.3	27.2	79.6	10.8	27.3	74.1	9.77	27.4
		150	96.0	13.7	27.4	90.5	12.6	27.5	85.1	11.5	27.7	82.3	11.0	27.7	79.6	10.5	27.8	74.1	9.51	27.9
	35	80	96.0	13.4	30.1	90.5	12.3	30.3	85.1	11.3	30.6	82.3	10.8	30.7	79.6	10.3	30.9	74.1	9.33	31.1
		96	96.0	12.9	30.9	90.5	11.9	31.1	85.1	10.9	31.3	82.3	10.4	31.4	79.6	9.94	31.5	74.1	9.05	31.8
		120	96.0	12.4	31.7	90.5	11.4	31.9	85.1	10.5	32.0	82.3	10.0	32.1	79.6	9.59	32.2	74.1	8.73	32.4
		150	96.0	12.1	32.3	90.5	11.1	32.5	85.1	10.2	32.6	82.3	9.77	32.7	79.6	9.34	32.8	74.1	8.51	32.9
	40	80	96.0	12.6	35.0	90.5	11.6	35.3	85.1	10.7	35.6	82.3	10.2	35.7	79.6	9.76	35.8	74.1	8.90	36.1
		96	96.0	12.2	35.8	90.5	11.2	36.1	85.1	10.3	36.3	82.3	9.89	36.4	79.6	9.46	36.5	74.1	8.64	36.7
		120	96.0	11.7	36.6	90.5	10.8	36.8	85.1	9.97	37.0	82.3	9.55	37.1	79.6	9.14	37.2	74.1	8.35	37.4
		150	96.0	11.4	37.3	90.5	10.5	37.5	85.1	9.71	37.6	82.3	9.30	37.7	79.6	8.91	37.7	74.1	8.15	37.9
	45	80	96.0	12.2	40.0	90.5	11.2	40.3	85.1	10.3	40.5	82.3	9.92	40.7	79.6	9.50	40.8	74.1	8.68	41.1
		96	96.0	11.8	40.8	90.5	10.9	41.0	85.1	10.0	41.3	82.3	9.62	41.4	79.6	9.22	41.5	74.1	8.42	41.7
		120	96.0	11.4	41.6	90.5	10.5	41.8	85.1	9.69	42.0	82.3	9.30	42.1	79.6	8.91	42.2	74.1	8.14	42.4
		150	96.0	11.1	42.3	90.5	10.2	42.4	85.1	9.45	42.6	82.3	9.07	42.7	79.6	8.69	42.7	74.1	7.94	42.9
80	10	80	63.3	12.3	6.96	63.0	12.6	6.99	62.7	12.9	7.03	62.5	13.1	7.05	62.3	13.3	7.07	61.9	13.7	7.13
		96	68.7	14.1	7.28	68.4	14.5	7.32	67.9	14.9	7.36	67.7	15.1	7.38	67.4	15.3	7.41	65.9	15.3	7.48
		120	75.2	16.5	7.66	74.7	16.9	7.70	74.2	17.4	7.74	73.2	17.2	7.77	70.7	16.4	7.83	65.9	14.6	7.96
		150	80.8	18.6	8.02	80.3	19.1	8.05	75.6	17.4	8.15	73.2	16.6	8.20	70.7	15.8	8.25	65.9	14.1	8.35
	15	80	85.3	19.6	11.1	80.5	17.9	11.3	75.6	16.3	11.5	73.2	15.5	11.6	70.7	14.7	11.7	65.9	13.2	11.9
		96	85.3	18.9	11.7	80.5	17.3	11.9	75.6	15.7	12.0	73.2	14.9	12.1	70.7	14.2	12.2	65.9	12.8	12.4
		120	85.3	18.1	12.3	80.5	16.5	12.5	75.6	15.1	12.6	73.2	14.3	12.7	70.7	13.6	12.7	65.9	12.3	12.9
		150	85.3	17.6	12.8	80.5	16.0	12.9	75.6	14.6	13.1	73.2	13.9	13.1	70.7	13.2	13.2	65.9	12.0	13.3
	20	80	85.3	16.8	15.9	80.5	15.4	16.1	75.6	14.0	16.3	73.2	13.3	16.4	70.7	12.7	16.5	65.9	11.5	16.8
		96	85.3	16.2	16.6	80.5	14.8	16.7	75.6	13.5	16.9	73.2	12.9	17.0	70.7	12.3	17.1	65.9	11.1	17.3
		120	85.3	15.5	17.2	80.5	14.2	17.4	75.6	13.0	17.5	73.2	12.4	17.6	70.7	11.8	17.7	65.9	10.7	17.8
		150	85.3	15.1	17.8	80.5	13.8	17.9	75.6	12.6	18.0	73.2	12.0	18.1	70.7	11.5	18.1	65.9	10.4	18.2
	25	80	85.3	14.6	20.8	80.5	13.4	21.0	75.6	12.2	21.2	73.2	11.7	21.3	70.7	11.1	21.4	65.9	10.1	21.7
		96	85.3	14.1	21.5	80.5	12.9	21.6	75.6	11.8	21.8	73.2	11.3	21.9	70.7	10.8	22.0	65.9	9.76	22.2
		120	85.3	13.5	22.1	80.5	12.4	22.3	75.6	11.4	22.4	73.2	10.9	22.5	70.7	10.4	22.6	65.9	9.41	22.8
		150	85.3	13.1	22.7	80.5	12.1	22.8	75.6	11.0	22.9	73.2	10.6	23.0	70.7	10.1	23.1	65.9	9.16	23.2
	30	80	85.3	12.8	25.7	80.5	11.7	25.9	75.6	10.8	26.1	73.2	10.3	26.2	70.7	9.83	26.4	65.9	8.94	26.6
		96	85.3	12.3	26.4	80.5	11.4	26.6	75.6	10.4	26.8	73.2	9.96	26.9	70.7	9.52	27.0	65.9	8.67	27.2
		120	85.3	11.9	27.1	80.5	10.9	27.2	75.6	10.0	27.4	73.2	9.61	27.5	70.7	9.18	27.5	65.9	8.37	27.7
		150	85.3	11.5	27.7	80.5	10.6	27.8	75.6	9.77	27.9	73.2	9.35	28.0	70.7	8.94	28.0	65.9	8.16	28.2
	35	80	85.3	11.3	30.6	80.5	10.4	30.8	75.6	9.58	31.1	73.2	9.18	31.2	70.7	8.78	31.3	65.9	8.02	31.5
		96	85.3	10.9	31.3	80.5	10.1	31.5	75.6	9.29	31.7	73.2	8.90	31.8	70.7	8.51	31.9	65.9	7.78	32.1
		120	85.3	10.5	32.0	80.5	9.73	32.2	75.6	8.96	32.3	73.2	8.59	32.4	70.7	8.23	32.5	65.9	7.53	32.7
		150	85.3	10.3	32.6	80.5	9.47	32.7	75.6	8.73	32.9	73.2	8.37	32.9	70.7	8.02	33.0	65.9	7.35	33.1
	40	80	85.3	10.7	35.5	80.5	9.91	35.8	75.6	9.13	36.0	73.2	8.76	36.2	70.7	8.39	36.3	65.9	7.69	36.5
		96	85.3	10.4	36.3	80.5	9.60	36.5	75.6	8.86	36.7	73.2	8.50	36.8	70.7	8.15	36.9	65.9	7.47	37.1
		120	85.3	10.0	37.0	80.5	9.27	37.2	75.6	8.56	37.3	73.2	8.22	37.4	70.7	7.88	37.5	65.9	7.24	37.7
		150	85.3	9.75	37.6	80.5	9.03	37.7	75.6	8.35	37.9	73.2	8.02	37.9	70.7	7.70	38.0	65.9	7.07	38.1
	45	80	85.3	10.4	40.5	80.5	9.63	40.8	75.6	8.90	41.0	73.2	8.54	41.1	70.7	8.18	41.3	65.9	7.50	41.5
		96	85.3	10.1	41.3	80.5	9.35	41.5	75.6	8.64	41.7	73.2	8.29	41.8	70.7	7.95	41.9	65.9	7.29	42.1
		120	85.3	9.73	42.0	80.5	9.03	42.2	75.6	8.35	42.3	73.2	8.01	42.4	70.7	7.69	42.5	65.9	7.06	42.7
		150	85.3	9.48	42.6	80.5	8.81	42.7	75.6	8.14	42.9	73.2	7.82	42.9	70.7	7.50	43.0	65.9	6.90	43.1

3 Capacity tables

3 - 4 Heating capacity tables with glycol

30HP

TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
70	10	80	62.7	13.0	7.03	62.3	13.3	7.08	61.9	13.7	7.12	61.7	13.9	7.15	61.4	14.1	7.18	57.6	12.9	7.33
		96	67.9	15.0	7.37	67.4	15.4	7.41	66.2	15.4	7.47	64.0	14.6	7.54	61.9	13.9	7.61	57.6	12.4	7.75
		120	74.1	17.5	7.75	70.4	16.2	7.84	66.2	14.7	7.95	64.0	14.0	8.01	61.9	13.3	8.07	57.6	12.0	8.18
		150	74.7	17.1	8.17	70.4	15.6	8.26	66.2	14.2	8.35	64.0	13.6	8.39	61.9	12.9	8.44	57.6	11.6	8.53
	15	80	74.7	16.0	11.5	70.4	14.6	11.7	66.2	13.3	11.8	64.0	12.7	11.9	61.9	12.1	12.0	57.6	10.9	12.2
		96	74.7	15.4	12.1	70.4	14.1	12.2	66.2	12.9	12.3	64.0	12.3	12.4	61.9	11.7	12.5	57.6	10.6	12.7
		120	74.7	14.8	12.6	70.4	13.5	12.7	66.2	12.4	12.9	64.0	11.8	12.9	61.9	11.3	13.0	57.6	10.2	13.1
		150	74.7	14.3	13.1	70.4	13.2	13.2	66.2	12.0	13.3	64.0	11.5	13.3	61.9	10.9	13.4	57.6	9.93	13.5
	20	80	74.7	13.7	16.4	70.4	12.6	16.5	66.2	11.5	16.7	64.0	11.0	16.8	61.9	10.5	16.9	57.6	9.55	17.1
		96	74.7	13.3	16.9	70.4	12.2	17.1	66.2	11.2	17.3	64.0	10.7	17.3	61.9	10.2	17.4	57.6	9.25	17.6
		120	74.7	12.8	17.5	70.4	11.7	17.7	66.2	10.8	17.8	64.0	10.3	17.9	61.9	9.82	17.9	57.6	8.93	18.1
		150	74.7	12.4	18.0	70.4	11.4	18.1	66.2	10.5	18.2	64.0	10.0	18.3	61.9	9.56	18.3	57.6	8.70	18.4
	25	80	74.7	12.0	21.3	70.4	11.0	21.5	66.2	10.1	21.7	64.0	9.69	21.8	61.9	9.27	21.9	57.6	8.44	22.1
		96	74.7	11.6	21.9	70.4	10.7	22.0	66.2	9.81	22.2	64.0	9.39	22.3	61.9	8.98	22.4	57.6	8.19	22.5
		120	74.7	11.2	22.5	70.4	10.3	22.6	66.2	9.46	22.7	64.0	9.06	22.8	61.9	8.67	22.9	57.6	7.92	23.0
		150	74.7	10.9	23.0	70.4	10.0	23.1	66.2	9.21	23.2	64.0	8.82	23.2	61.9	8.45	23.3	57.6	7.72	23.4
	30	80	74.7	10.6	26.2	70.4	9.76	26.4	66.2	8.99	26.6	64.0	8.61	26.7	61.9	8.25	26.8	57.6	7.55	27.0
		96	74.7	10.2	26.8	70.4	9.46	27.0	66.2	8.71	27.1	64.0	8.35	27.2	61.9	8.00	27.3	57.6	7.33	27.5
		120	74.7	9.87	27.4	70.4	9.13	27.6	66.2	8.42	27.7	64.0	8.07	27.8	61.9	7.74	27.8	57.6	7.09	28.0
		150	74.7	9.60	27.9	70.4	8.89	28.0	66.2	8.20	28.2	64.0	7.87	28.2	61.9	7.55	28.3	57.6	6.93	28.4
	35	80	74.7	9.42	31.1	70.4	8.73	31.3	66.2	8.06	31.5	64.0	7.74	31.6	61.9	7.42	31.7	57.6	6.81	32.0
		96	74.7	9.13	31.7	70.4	8.46	31.9	66.2	7.82	32.1	64.0	7.51	32.2	61.9	7.21	32.3	57.6	6.63	32.5
		120	74.7	8.82	32.4	70.4	8.18	32.5	66.2	7.56	32.7	64.0	7.27	32.7	61.9	6.98	32.8	57.6	6.42	33.0
		150	74.7	8.59	32.9	70.4	7.97	33.0	66.2	7.38	33.1	64.0	7.10	33.2	61.9	6.82	33.2	57.6	6.28	33.4
	40	80	74.7	8.99	36.1	70.4	8.34	36.3	66.2	7.73	36.5	64.0	7.43	36.6	61.9	7.14	36.7	57.6	6.58	37.0
		96	74.7	8.72	36.7	70.4	8.10	36.9	66.2	7.51	37.1	64.0	7.23	37.2	61.9	6.95	37.3	57.6	6.41	37.4
		120	74.7	8.43	37.4	70.4	7.84	37.5	66.2	7.27	37.7	64.0	7.00	37.7	61.9	6.74	37.8	57.6	6.22	38.0
		150	74.7	8.22	37.9	70.4	7.65	38.0	66.2	7.11	38.1	64.0	6.84	38.2	61.9	6.58	38.2	57.6	6.09	38.4
	45	80	74.7	8.76	41.1	70.4	8.14	41.3	66.2	7.54	41.5	64.0	7.25	41.6	61.9	6.96	41.7	57.6	6.42	41.9
		96	74.7	8.50	41.7	70.4	7.90	41.9	66.2	7.32	42.1	64.0	7.04	42.2	61.9	6.77	42.3	57.6	6.25	42.4
		120	74.7	8.22	42.4	70.4	7.64	42.5	66.2	7.09	42.6	64.0	6.83	42.7	61.9	6.57	42.8	57.6	6.06	42.9
		150	74.7	8.01	42.9	70.4	7.46	43.0	66.2	6.93	43.1	64.0	6.67	43.2	61.9	6.42	43.2	57.6	5.93	43.4
60	10	80	61.7	13.9	7.15	60.3	13.8	7.22	56.7	12.6	7.36	54.9	11.9	7.44	53.1	11.3	7.51	49.4	10.2	7.66
		96	64.0	14.6	7.54	60.3	13.3	7.66	56.7	12.1	7.78	54.9	11.6	7.84	53.1	11.0	7.91	49.4	9.90	8.03
		120	64.0	14.0	8.01	60.3	12.8	8.11	56.7	11.7	8.21	54.9	11.2	8.26	53.1	10.6	8.31	49.4	9.61	8.42
		150	64.0	13.5	8.39	60.3	12.4	8.47	56.7	11.4	8.56	54.9	10.8	8.60	53.1	10.3	8.64	49.4	9.38	8.72
	15	80	64.0	12.7	11.9	60.3	11.7	12.1	56.7	10.7	12.3	54.9	10.2	12.3	53.1	9.77	12.4	49.4	8.88	12.6
		96	64.0	12.3	12.4	60.3	11.3	12.6	56.7	10.3	12.7	54.9	9.90	12.8	53.1	9.46	12.8	49.4	8.61	13.0
		120	64.0	11.8	12.9	60.3	10.9	13.0	56.7	9.97	13.1	54.9	9.54	13.2	53.1	9.12	13.3	49.4	8.32	13.4
		150	64.0	11.5	13.3	60.3	10.6	13.4	56.7	9.71	13.5	54.9	9.29	13.5	53.1	8.89	13.6	49.4	8.11	13.7
	20	80	64.0	11.0	16.8	60.3	10.2	17.0	56.7	9.34	17.2	54.9	8.95	17.3	53.1	8.56	17.3	49.4	7.82	17.5
		96	64.0	10.7	17.3	60.3	9.84	17.5	56.7	9.05	17.6	54.9	8.68	17.7	53.1	8.31	17.8	49.4	7.59	17.9
		120	64.0	10.3	17.9	60.3	9.49	18.0	56.7	8.74	18.1	54.9	8.38	18.1	53.1	8.02	18.2	49.4	7.35	18.3
		150	64.0	9.99	18.3	60.3	9.24	18.4	56.7	8.52	18.5	54.9	8.17	18.5	53.1	7.83	18.6	49.4	7.17	18.7
	25	80	64.0	9.68	21.8	60.3	8.96	21.9	56.7	8.27	22.1	54.9	7.93	22.2	53.1	7.60	22.3	49.4	6.97	22.5
		96	64.0	9.38	22.3	60.3	8.69	22.4	56.7	8.02	22.6	54.9	7.70	22.7	53.1	7.38	22.7	49.4	6.78	22.9
		120	64.0	9.05	22.8	60.3	8.39	22.9	56.7	7.75	23.1	54.9	7.45	23.1	53.1	7.15	23.2	49.4	6.57	23.3
		150	64.0	8.82	23.2	60.3	8.18	23.3	56.7	7.56	23.4	54.9	7.27	23.5	53.1	6.98	23.5	49.4	6.42	23.6
	30	80	64.0	8.61	26.7	60.3	7.99	26.9	56.7	7.39	27.1	54.9	7.11	27.1	53.1	6.83	27.2	49.4	6.28	27.4
		96	64.0	8.35	27.2	60.3	7.75	27.4	56.7	7.18	27.5	54.9	6.91	27.6	53.1	6.64	27.7	49.4	6.12	27.8
		120	64.0	8.07	27.8	60.3	7.50	27.9	56.7	6.95	28.0	54.9	6.69	28.1	53.1	6.43	28.1	49.4	5.94	28.3
		150	64.0	7.87	28.2	60.3	7.32	28.3	56.7	6.79	28.4	54.9	6.54	28.5	53.1	6.29	28.5	49.4	5.81	28.6
	35	80	64.0	7.73	31.6	60.3	7.19	31.8	56.7	6.68	32.0	54.9	6.43	32.1	53.1	6.19	32.2	49.4	5.72	32.4
		96	64.0	7.51	32.2	60.3	6.99	32.3	56.7	6.50	32.5	54.9	6.26	32.6	53.1	6.03	32.7	49.4	5.58	32.8
		120	64.0	7.26	32.7	60.3	6.77	32.9	56.7	6.30	33.0	54.9	6.07	33.1	53.1	5.85	33.1	49.4	5.42	33.2
		150	64.0	7.09	33.2	60.3	6.62	33.3	56.7	6.16	33.4	54.9	5.94	33.4	53.1	5.73	33.5	49.4	5.31	33.6
	40	80	64.0	7.43	36.6	60.3	6.93	36.8	56.7	6.46	37.0	54.9	6.23	37.1	53.1	6.00	37.2	49.4	5.57	37.4
		96	64.0	7.22	37.2	60.3	6.75	37.3	56.7	6.29	37.5	54.9	6.07	37.6	53.1	5.85	37.7	49.4	5.44	37.8
		120	64.0	7.00	37.7	60.3	6.54	37.9	56.7	6.11	38.0	54.9	5.90	38.0	53.1	5.69	38.1	49.4	5.28	38.2
		150	64.0	6.84	38.2	60.3	6.40	38.3	56.7	5.98	38.4	54.9	5.78	38.4	53.1	5.58	38.5	49.4	5.18	38.6
	45	80	64.0	7.24	41.6	60.3	6.76	41.8	56.7	6.30	42.0	54.9	6.07	42.1	53.1	5.85	42.2	49.4	5.43	42.4
		96	64.0	7.04	42.2	60.3	6.58	42.3	56.7	6.13	42.5	54.9	5.92	42.6	53.1	5.71	42.6	49.4	5.30	42.8
		120	64.0	6.82	42.7	60.3	6.38	42.9	56.7	5.96	43.0	54.9	5.75	43.0	53.1	5.55	43.1	49.4	5.15	43.2
		150	64.0	6.67	43.2	60.3	6.24	43.3	56.7	5.83	43.4	54.9	5.63	43.4	53.1	5.44	43.5	49.4	5.05	43.6

3 Capacity tables

3 - 4 Heating capacity tables with glycol

30HP

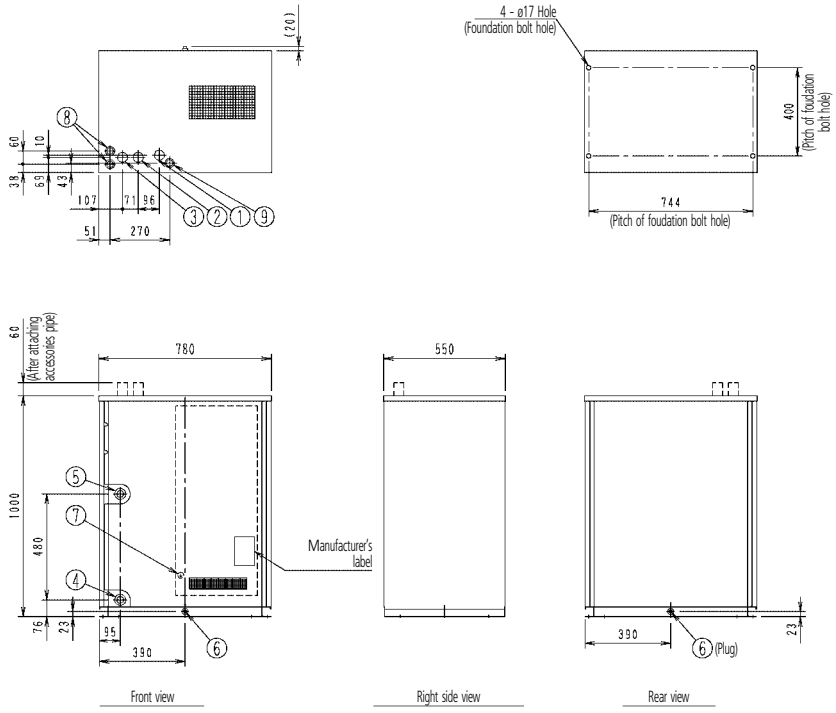
TC: Total capacity; PI: Power Input

Combination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CDB																	
			16.0			18.0			20.0			21.0			22.0			24.0		
			TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.	TC	PI	Outlet water temp.
			kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C	kW	kW	°C
50	10	80	53.3	11.4	7.50	50.3	10.5	7.62	47.3	9.54	7.75	45.7	9.10	7.81	44.2	8.66	7.88	41.2	7.83	8.01
		96	53.3	11.1	7.90	50.3	10.2	8.00	47.3	9.29	8.11	45.7	8.87	8.17	44.2	8.46	8.22	41.2	7.67	8.33
		120	53.3	10.7	8.30	50.3	9.84	8.39	47.3	9.03	8.48	45.7	8.64	8.52	44.2	8.25	8.57	41.2	7.51	8.66
		150	53.3	10.4	8.63	50.3	9.61	8.70	47.3	8.84	8.78	45.7	8.46	8.81	44.2	8.10	8.85	41.2	7.40	8.92
	15	80	53.3	9.83	12.4	50.3	9.09	12.5	47.3	8.38	12.7	45.7	8.04	12.7	44.2	7.70	12.8	41.2	7.06	13.0
		96	53.3	9.52	12.8	50.3	8.81	12.9	47.3	8.13	13.1	45.7	7.80	13.1	44.2	7.48	13.2	41.2	6.86	13.3
		120	53.3	9.18	13.2	50.3	8.51	13.3	47.3	7.86	13.4	45.7	7.54	13.5	44.2	7.24	13.5	41.2	6.65	13.6
		150	53.3	8.94	13.6	50.3	8.29	13.7	47.3	7.66	13.7	45.7	7.36	13.8	44.2	7.06	13.8	41.2	6.49	13.9
	20	80	53.3	8.62	17.3	50.3	8.00	17.5	47.3	7.40	17.6	45.7	7.11	17.7	44.2	6.83	17.8	41.2	6.28	17.9
		96	53.3	8.36	17.8	50.3	7.76	17.9	47.3	7.19	18.0	45.7	6.91	18.1	44.2	6.64	18.1	41.2	6.12	18.3
		120	53.3	8.08	18.2	50.3	7.50	18.3	47.3	6.96	18.4	45.7	6.69	18.4	44.2	6.43	18.5	41.2	5.93	18.6
		150	53.3	7.87	18.6	50.3	7.32	18.6	47.3	6.79	18.7	45.7	6.54	18.8	44.2	6.29	18.8	41.2	5.81	18.9
	25	80	53.3	7.65	22.3	50.3	7.12	22.4	47.3	6.61	22.6	45.7	6.37	22.6	44.2	6.13	22.7	41.2	5.66	22.9
		96	53.3	7.43	22.7	50.3	6.92	22.8	47.3	6.43	23.0	45.7	6.20	23.0	44.2	5.97	23.1	41.2	5.52	23.2
		120	53.3	7.19	23.2	50.3	6.70	23.3	47.3	6.24	23.4	45.7	6.01	23.4	44.2	5.79	23.5	41.2	5.36	23.6
		150	53.3	7.02	23.5	50.3	6.55	23.6	47.3	6.10	23.7	45.7	5.88	23.7	44.2	5.67	23.8	41.2	5.25	23.9
	30	80	53.3	6.87	27.2	50.3	6.41	27.4	47.3	5.98	27.5	45.7	5.76	27.6	44.2	5.56	27.7	41.2	5.16	27.8
		96	53.3	6.68	27.7	50.3	6.24	27.8	47.3	5.82	27.9	45.7	5.62	28.0	44.2	5.42	28.1	41.2	5.03	28.2
		120	53.3	6.47	28.1	50.3	6.05	28.2	47.3	5.65	28.3	45.7	5.46	28.4	44.2	5.27	28.4	41.2	4.90	28.6
		150	53.3	6.32	28.5	50.3	5.92	28.6	47.3	5.53	28.7	45.7	5.35	28.7	44.2	5.16	28.8	41.2	4.81	28.8
	35	80	53.3	6.23	32.2	50.3	5.83	32.3	47.3	5.45	32.5	45.7	5.27	32.6	44.2	5.09	32.7	41.2	4.74	32.8
		96	53.3	6.06	32.6	50.3	5.68	32.8	47.3	5.32	32.9	45.7	5.14	33.0	44.2	4.97	33.0	41.2	4.64	33.2
		120	53.3	5.88	33.1	50.3	5.52	33.2	47.3	5.17	33.3	45.7	5.00	33.4	44.2	4.84	33.4	41.2	4.52	33.5
		150	53.3	5.76	33.5	50.3	5.41	33.6	47.3	5.07	33.7	45.7	4.91	33.7	44.2	4.75	33.7	41.2	4.44	33.8
	40	80	53.3	6.04	37.2	50.3	5.67	37.3	47.3	5.32	37.5	45.7	5.14	37.6	44.2	4.96	37.7	41.2	4.62	37.8
		96	53.3	5.89	37.6	50.3	5.54	37.8	47.3	5.19	37.9	45.7	5.01	38.0	44.2	4.85	38.0	41.2	4.52	38.2
		120	53.3	5.72	38.1	50.3	5.38	38.2	47.3	5.04	38.3	45.7	4.88	38.4	44.2	4.72	38.4	41.2	4.41	38.5
		150	53.3	5.60	38.5	50.3	5.27	38.6	47.3	4.94	38.7	45.7	4.78	38.7	44.2	4.63	38.7	41.2	4.33	38.8
	45	80	53.3	5.89	42.2	50.3	5.53	42.3	47.3	5.18	42.5	45.7	5.01	42.6	44.2	4.84	42.6	41.2	4.51	42.8
		96	53.3	5.74	42.6	50.3	5.40	42.8	47.3	5.06	42.9	45.7	4.89	43.0	44.2	4.72	43.0	41.2	4.41	43.2
		120	53.3	5.58	43.1	50.3	5.25	43.2	47.3	4.92	43.3	45.7	4.76	43.4	44.2	4.60	43.4	41.2	4.30	43.5
		150	53.3	5.46	43.5	50.3	5.14	43.6	47.3	4.82	43.6	45.7	4.66	43.7	44.2	4.51	43.7	41.2	4.22	43.8

4 Dimensional drawing & centre of gravity

4 - 1 Dimensional drawing

RWEYQ10MY1



Nr	Part name	Description
1	Liquid pipe	See note 2
2	Suction gas pipe	See note 2
3	Discharge gas pipe	See note 2
4	Water inlet	PT11/4B
5	Water outlet	PT11/4B
6	Drain outlet	PS1/2B
7	Earth terminal	M5
8	Power cord through hole	ø 29
9	Wiring through hole	ø 29

NOTES

1 Earth terminal is in a swithc box.

2 Piping size is as follows:

Model name	RWEYQ10MY1	
Operation system	Heat pump	Heat recovery
Liquid pipe	ø 9.5	ø 9.5
Suction gas pipe	-	ø 22.2
Discharge gas pipe	ø 22.2	ø 19.1

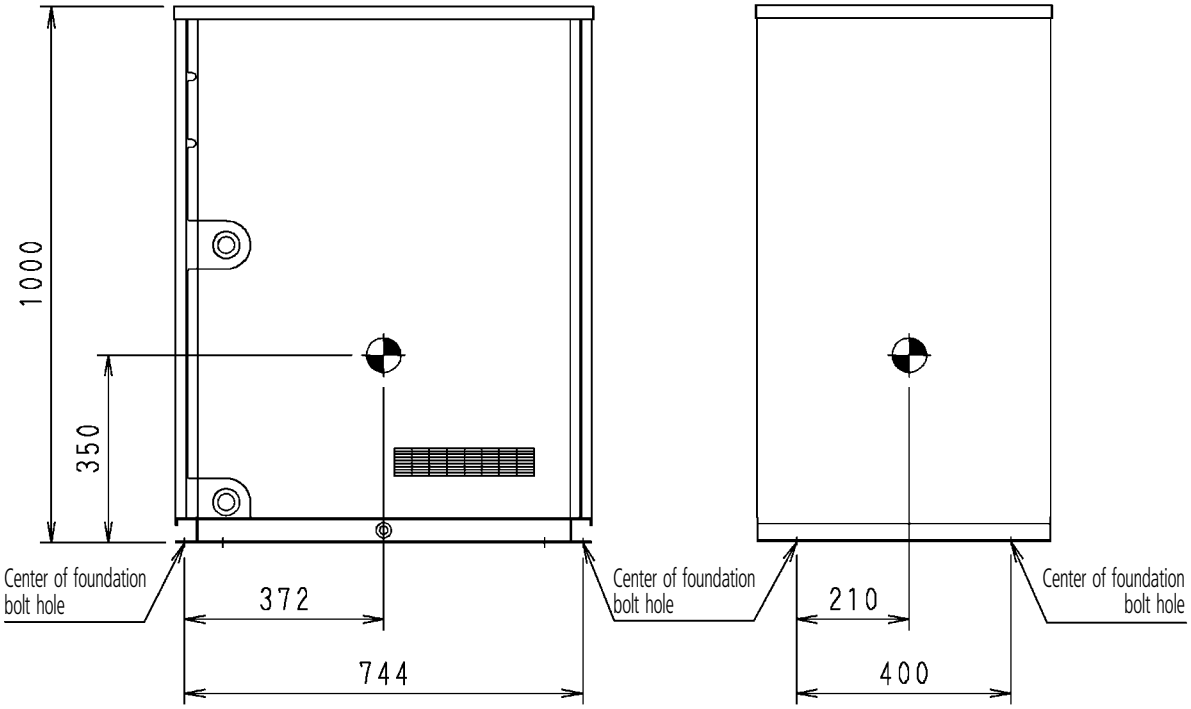
- Connection method:
  Liquid pipe: flare connection
  Suction gas pipe: brazing connection
  Discharge gas pipe: brazing connection
- In case of heat pump system, suction gas pipe is not used.

3D046585B

4 Dimensional drawing & centre of gravity

4 - 2 Centre of gravity

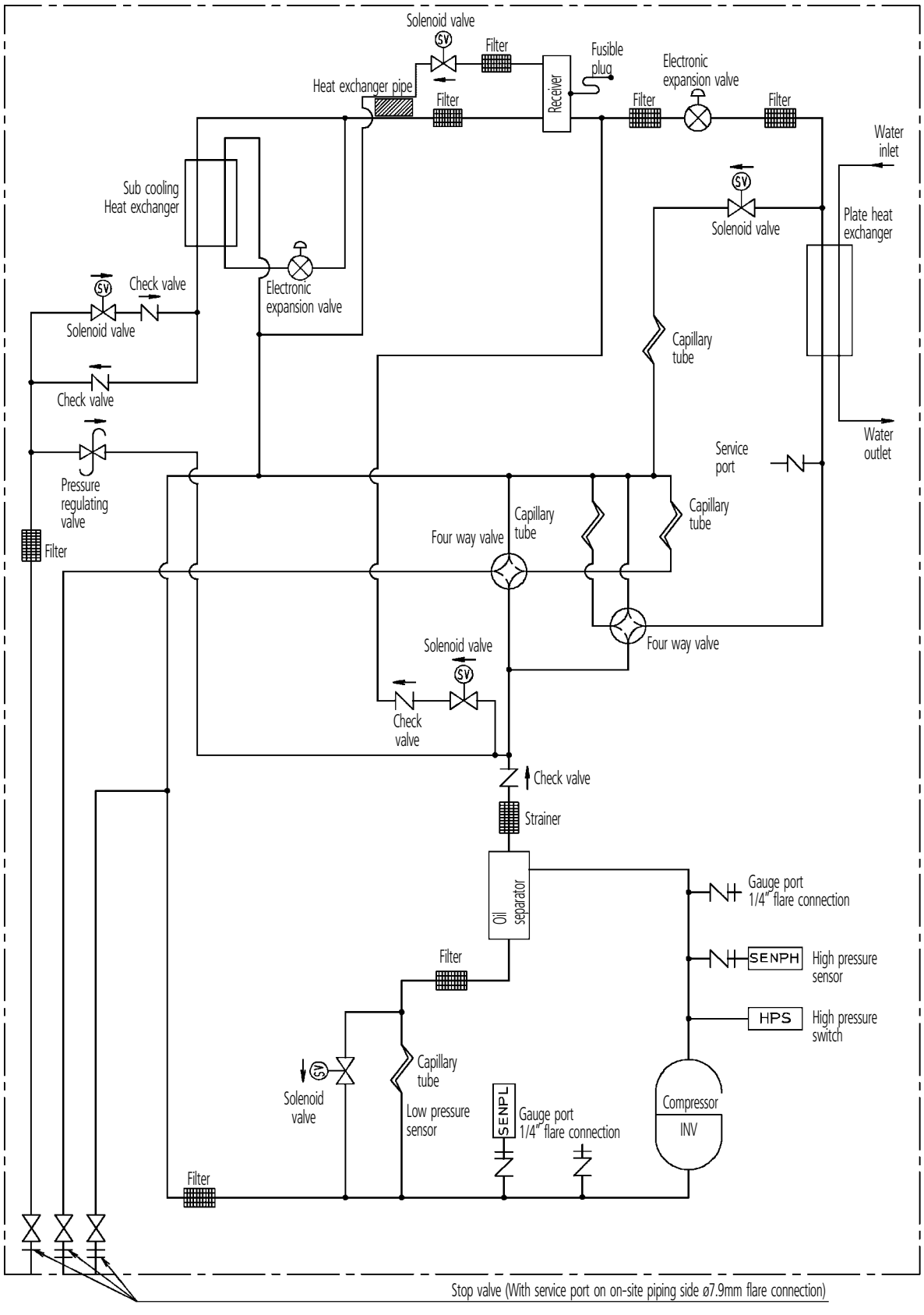
RWEYQ10MY1



4D048289

5 Piping diagram

RWEYQ10MY1

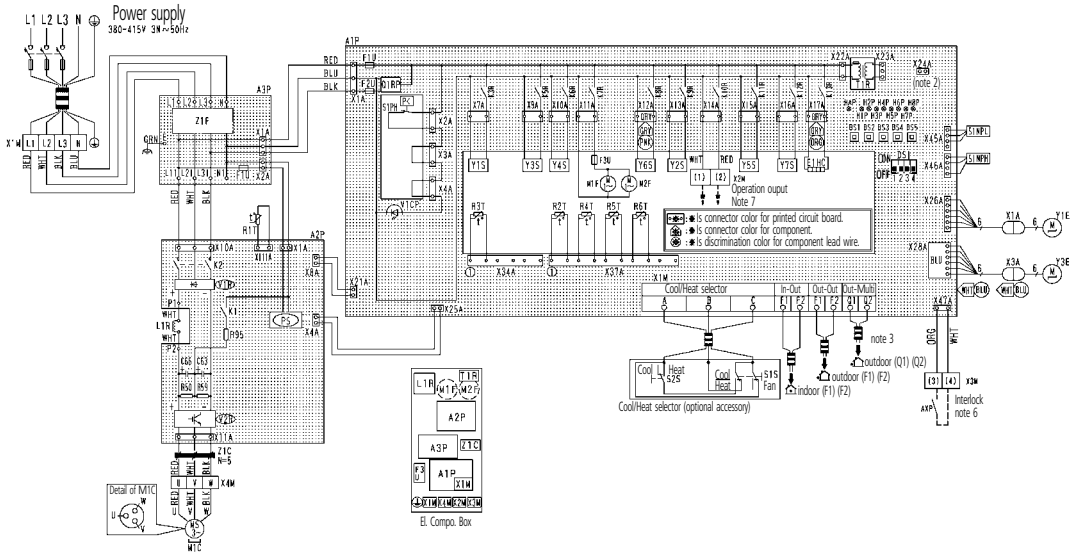


4D048290

6 Wiring diagram

6 - 1 Wiring diagram

RWEYQ10MY1



L1-RED	L2-WHT	L3-BLK	N-BLUE

A1P	Printed circuit board (Main)	K9R	Magnetic relay (Y2S) (A1P)	V1CP	Safety devices input
A2P	Printed circuit board (Inv)	K10R	Magnetic relay (Operation output) (A1P)	V1R,V2R	Power module (A2P)
A3P	Printed circuit board (Noise filter)	K11R	Magnetic relay (Y5S) (A1P)	X1A,X3A	Connector (Y1E,Y3E)
BS1 ~ BS5	Push button switch	K12R	Magnetic relay (Y7S) (A1P)	X1M	Terminal strip (Power supply)
	(Mode, Set, Return, Test, Reset)	K13R	Magnetic relay (E1HC) (A1P)	X1M	Terminal strip (Control) (A1P)
C63,66	Capacitor	L1R	Reactor	X2M	Terminal strip (A1P)
DS1	Dip switch	M1C	Motor (Compressor)	X3M	Terminal strip (Interlock)
E1HC	Crankcase heater	M1F,M2F	Motor (Fan, Inverter cooling))	X4M	Terminal strip (M1C)
F1U	Fuse (250V, 5A, Ⓑ) (A3P)	PS	Switching power supply	Y1E	Electronic expansion valve (Main)
F1U, 2U	Fuse (250V, 10A, Ⓑ) (A1P)	Q1RP	Phase reversal detect circuit (A1P)	Y3E	Electronic expansion valve (Sub cool)
F3U	Fuse (250V, 5A, Ⓑ)	R50,R59	Resistor	Y1S	Solenoid valve (Hot gas bypass)
H1P ~ H8P	Pilot lamp (Service monitor-orange) (A1P)	R95	Resistor (Current limiting)	Y2S	Solenoid valve (Oil recovery)
	[H2P] Prepare, test ..... flickering	R1T	Thermistor (Fin) (A2P)	Y3S	Solenoid valve (Receiver pressurization)
	Malfuntion detection ... light up	R2T	Thermistor (Suction)	Y4S	Solenoid valve (Receiver gas purge)
HAP	Pilot lamp (Service monitor-green) (A1P)	R3T	Thermistor (M1C Discharge)	Y5S	Solenoid valve (4 way valve) (Main)
K1	Magnetic relay	R4T	Thermistor (Heat exchanger gas pipe)	Y6S	Solenoid valve (Liquid pipe)
K2	Magnetic contactor (M1C)	R5T	Thermistor (Sub cooling heat exchanger)	Y7S	Solenoid valve (4 way valve) (Heat exchanger)
K3R	Magnetic relay (Y1S) (A1P)	R6T	Thermistor (Receiver liquid pipe)	Z1C	Noise filter (Ferrite core)
K5R	Magnetic relay (Y3S) (A1P)	S1NPH	Pressure sensor (High)	Z1F	Noise filter (With surge absorber)
K6R	Magnetic relay (Y4S) (A1P)	S1NPL	Pressure sensor (Low)	Cool/heat selector	
K7R	Magnetic relay (M1F,M2F) (A1P)	S1PH	Pressure switch (High)	S1S	Selector switch (Fan/Cool • Heat)
K8R	Magnetic relay (Y6S) (A1P)	T1R	Transformer (220-240V/20V)	S2S	Selector switch (Cool/Heat)

: Field wiring
: Connector
: Terminal
: Terminal strip
: Protective earth (screw)

COLORS : BLK : Black RED : Red
WHT : White BLU : Blue
ORG : Orange PNK : Pink
GRY : Grey

NOTES

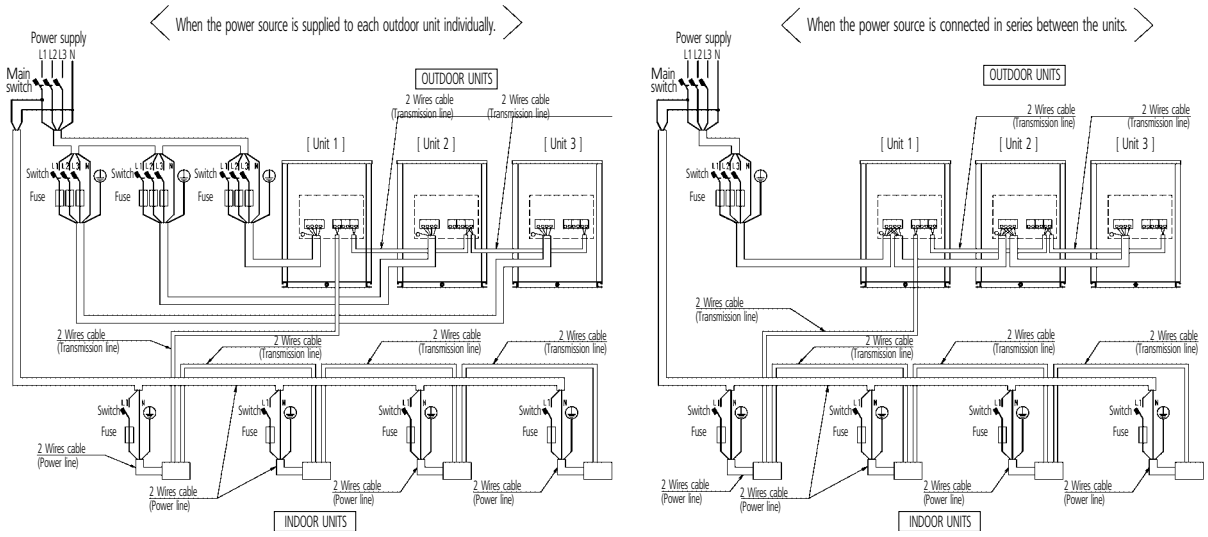
1 This wiring diagram applies only to the outdoor unit.
2 When using the option adaptor, refer to the installation manual.
3 Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1•F2, outdoor-outdoor transmission F1•F2, outdoor-multi transmission Q1•Q2.
4 Refer to "service precatuion" label (on el. compo. box cover), how to use BS1~BS5 and DS1 switch.
5 When operating, don't short circuit for protection device. (S1PH)
6 Be sure to connect an interlock circuit between the terminal (3)-(4) of terminal strip (X3M).
7 Install a heat source water pump operation circtuit between the terminal (1)-(2) of terminal strip (X2M), when interlock a heat source water pump and system operation.
8 Cool/Heat selector cannot be connected when operating heat recovery system.

3D048121

6 Wiring diagram

6 - 2 External connection diagram

RWEYQ10,20,30MY1-HEAT PUMP



NOTES

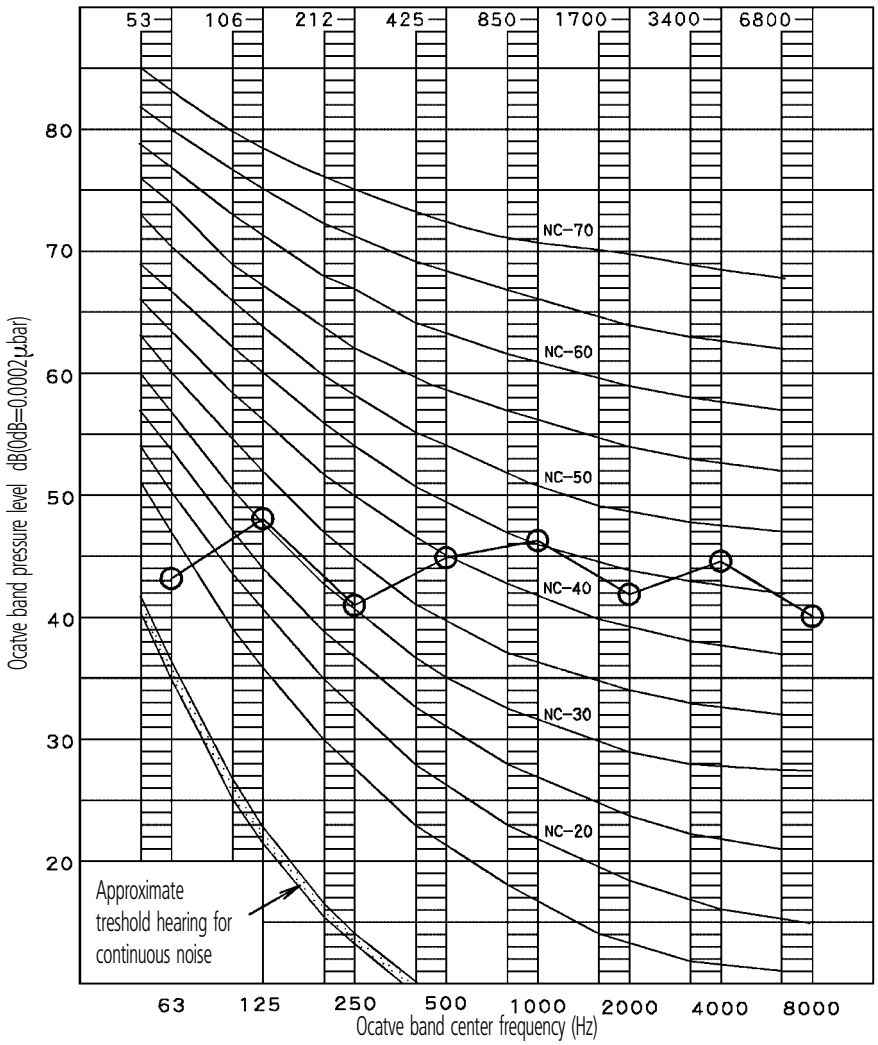
1 All wiring, components and materials to be procured on site must comply with the applicable local and national codes.
2 Use copper conductors only.
3 As for details, see wiring diagram.
4 Install circuit breaker for safety.
5 All field wiring and components must be provided by a licensed electrician.
6 Unit shall be grounded in compliance with the applicable local and national codes.
7 Wiring shown are general 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 it can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10 The capacity of UNIT 1 must be larger than UNIT 2 when the power source is connected in series between the units.
11 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 ohter parts.

3D048824

7 Sound data

7 - 1 Sound pressure spectrum

RWEYQ10MY1 4D048340



NOTES

1 Over all (dB):

Scale	50Hz
A	51
C	53

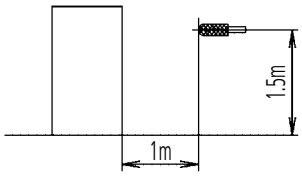
(B, G, N is already rectified)

2 Operating conditons:

- Power source: 380~415V,50Hz

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

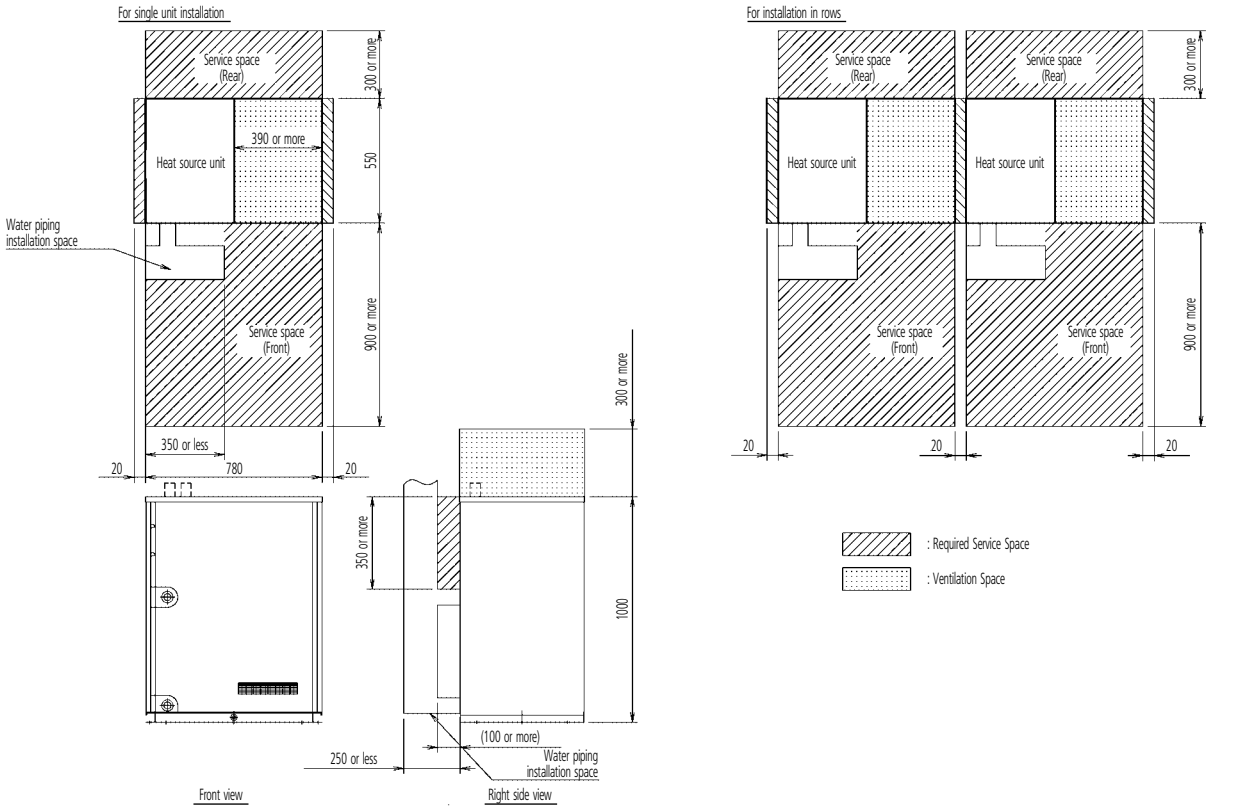
4 Location of microphone



8 Installation

8 - 1 Service space

RWEYQ-MY1

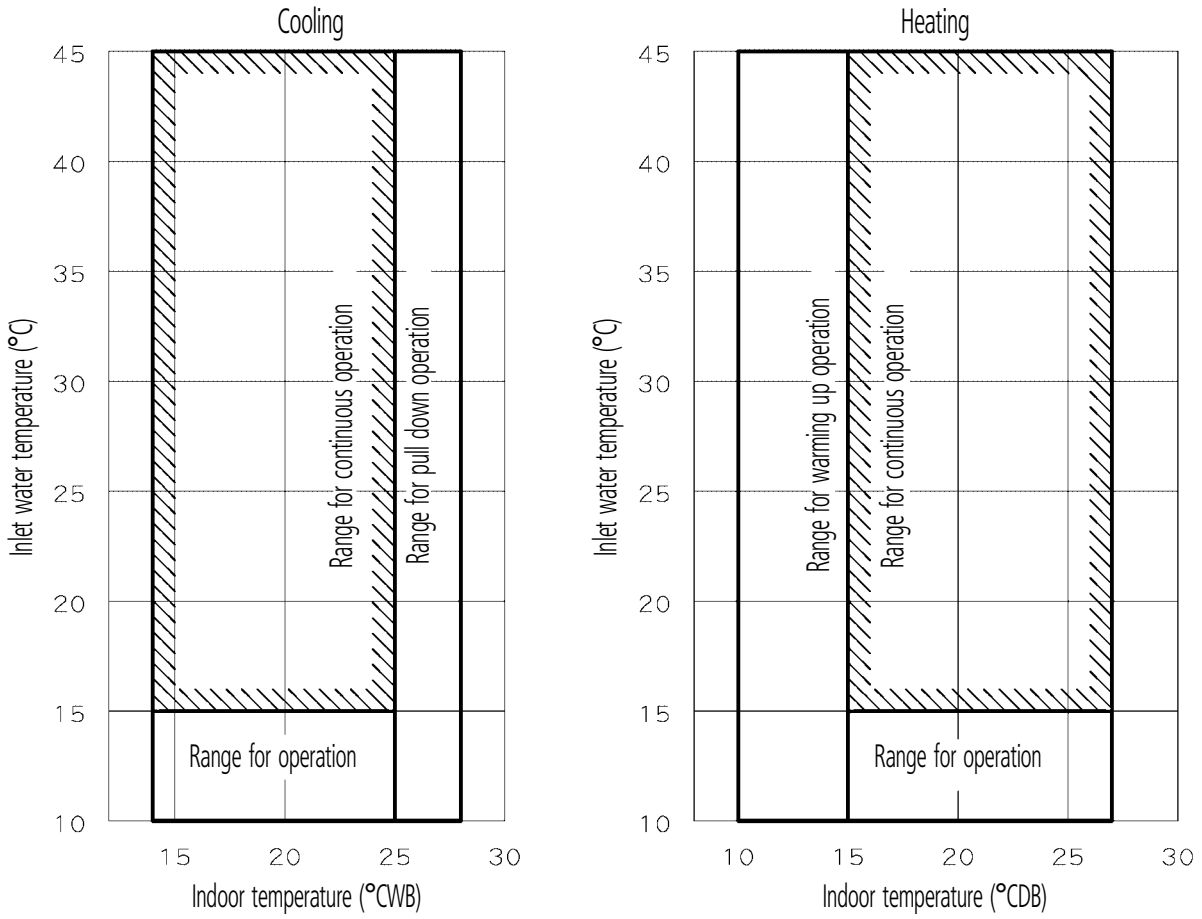


NOTE

More details can be found in part 10, page “10 Installation of outdoor” on page 77

9 Operation range

RWEYQ-MY1



3D046586A

NOTES

1 This figure shows the range which can be operated, with the water volume shown below:
50~150l/min

2 Design in the following condition range:
- water temperature: 20~35°C
- water volume: 60l/min more

3 When cooling load is small, thermostat-off may be carried out for freeze-up protection.

4 Hold ambient temperature at 0~40°C.

2b

VRV-WII

In all of us, a green heart

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

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

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

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

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

The present publication is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V.. Daikin Europe N.V. has compiled the content of this publication to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, In the broadest sense, arising from or related to the use and/or interpretation of this publication. All content is copyrighted by Daikin Europe N.V..

DAIKIN EUROPE N.V.

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

EEDEN08-201 • 01/2008 • Copyright © Daikin
The present publication supersedes EEDEN07-200
Prepared in Belgium by Lannoo (www.lannooprint.be), a company whose concern for the environment is set in the EMAS and ISO 14001 systems.
Responsible Editor: Daikin Europe N.V., Zandvoordestraat 300, B- 8400 Oostende

EEDEN08-201