

technical data

VRV®-WII Heat Recovery
RWEYQ-MY1

air conditioning systems

VRV®-WII

R-410A

2b

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RWEYQ-MY1

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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	-	-	
		Width	mm	780	-	-	
		Depth	mm	550	-	-	
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		
		Speed	rpm	-	6900	6900	
		Motor Output	kW	-	4.2	4.2	
		Starting Method		-	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	
	Gas	Type		Braze connection			
		Diameter (OD)	mm	22.2	28.6	34.9	
	Discharge Gas	Type		Braze connection			
		Diameter (OD)	mm	19.1	22.2	28.6	
	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				Installation and operation manual			
				Connection pipes			
				Clamps			

1 Specifications

NOTES

- Nominal cooling capacities are based on :
 - indoor temperature : 27°CDB, 19°CWB
 - inlet water temperature : 30°C
 - equivalent refrigerant piping : 7.5m
 - level difference : 0m
- Nominal heating capacities are based on :
 - indoor temperature : 20°CDB
 - inlet water temperature : 20°C
 - equivalent refrigerant piping : 7.5m
 - level difference : 0m
- This unit should not be installed outdoors, but indoors eg. in a machine room, etc.
- Indoor operating ambient temperature: 0 ~ 40°C. Heat rejection from the outdoor unit: 0,71kW/10HP.
- 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 ₂ O	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

- RLA is based on following conditions :
 - indoor temperature : 27°CDB/19°CWB
 - outdoor temperature : 35°CDB
- TOCA means the total value of each OC set
- MSC means the maximum current during start up of the compressor
- Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits
- Maximum allowable voltage range variation between phases is 2%
- Select wire size based on the value of MCA or TOCA
- MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)
- 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		RWEYQ10MY1	RWEYQ20MY1	RWEYQ30MY1
HEAT RECOVERY / HEAT PUMP				
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 KIT	Heat recovery	-	BHFP22MA56	BHFP22MA84
	Heat pump	-	BHFP22MA56	BHFP22MA84
WATER PIPING STRAINER			BWU26A15 (1.47MPa); BWU26A20 (1.96MPa)	

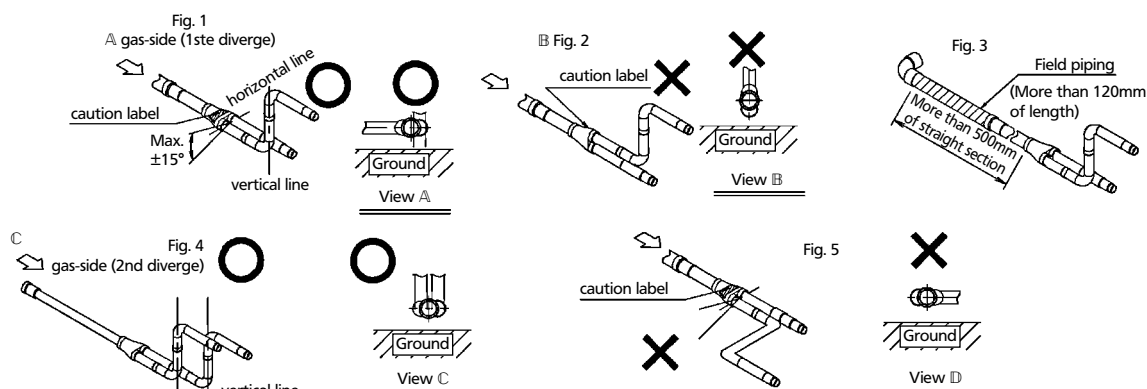
2 - 2 Detailed info

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 $\pm 15^\circ$. (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 straight 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

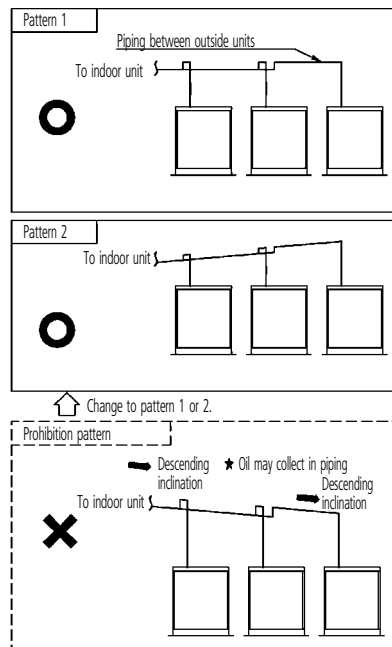
2 - 2 Detailed info

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

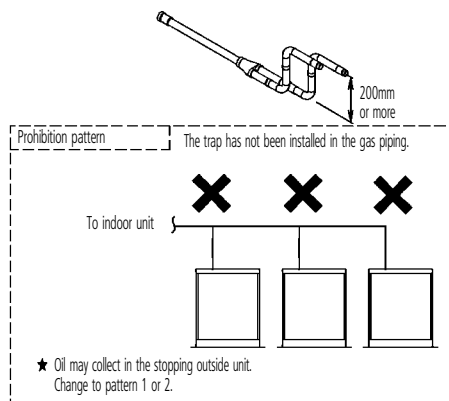
2 - 2 - 1 - 1 General

② Restrictions on piping between outside units

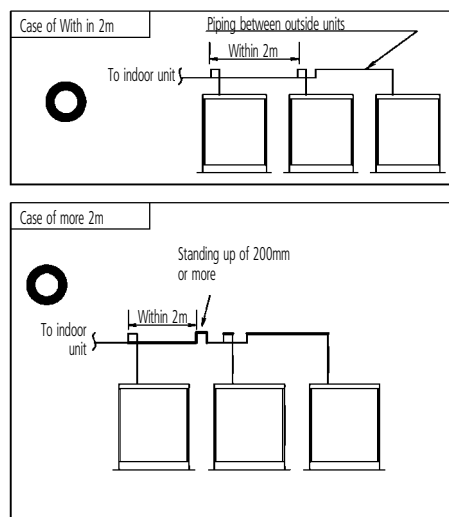
- 1 Set it up to become the horizontal or uphill so that oil might collect in piping as for the piping between outside units.



- 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 a reverted trap of 200 mm at 2 m intervals on the gas pipe connecting the modules within the same outside unit.



2 Options

2 - 2 Detailed info

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

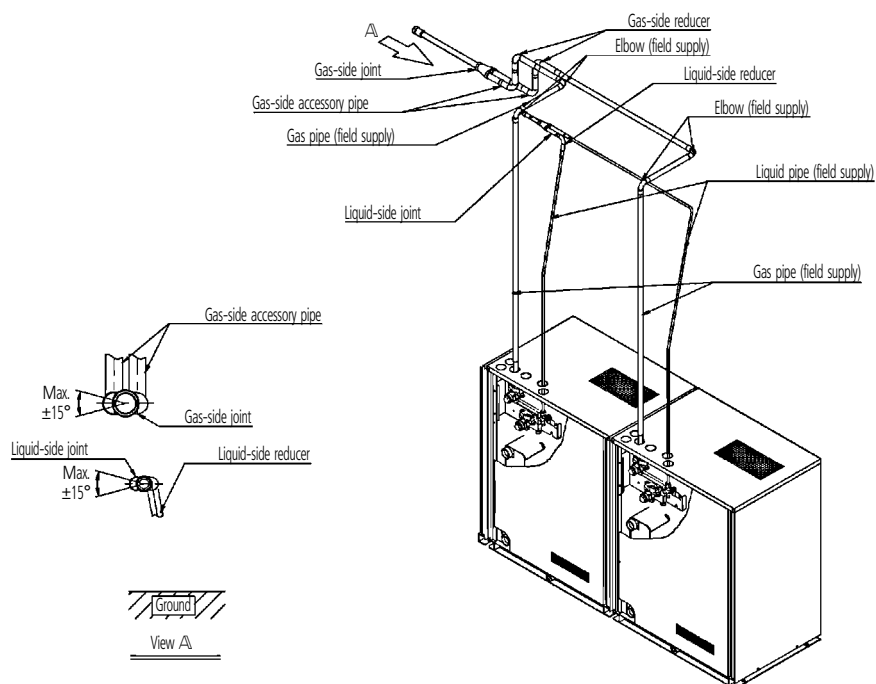
2 - 2 - 1 - 2 Installation examples

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).

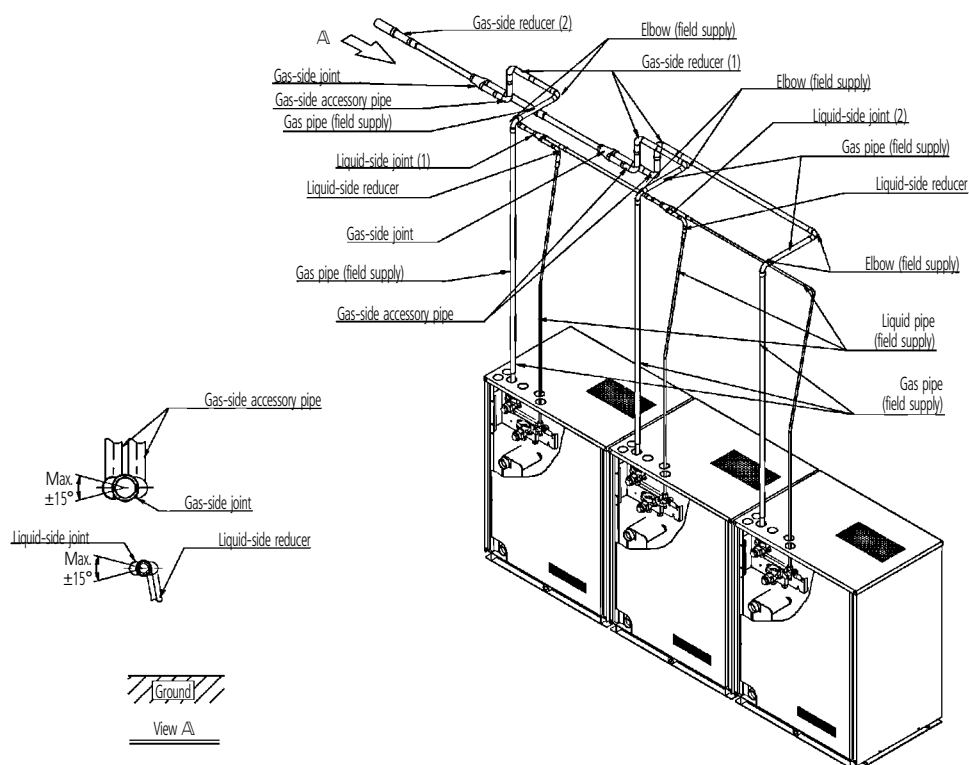


② Installation examples: Procedure for upper connection (BHFP22MA84)

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).

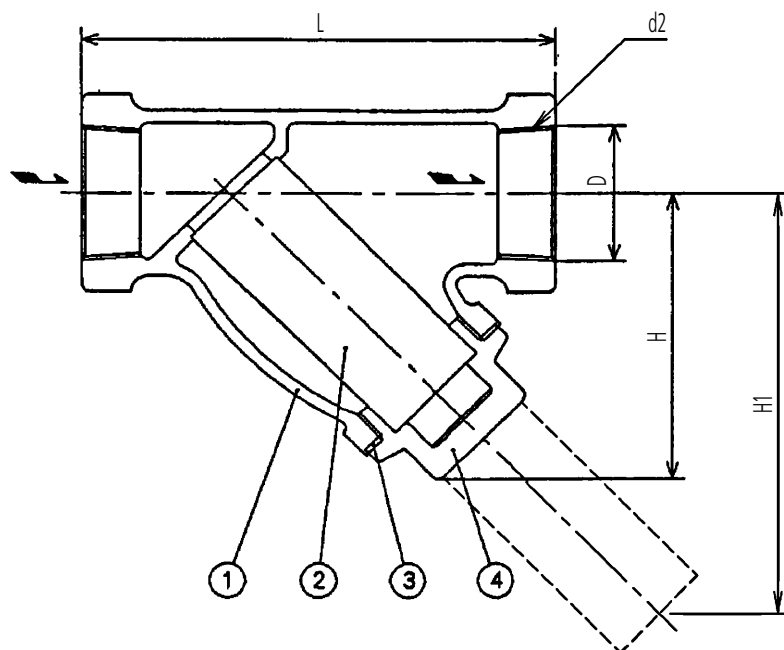


2 Options

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)

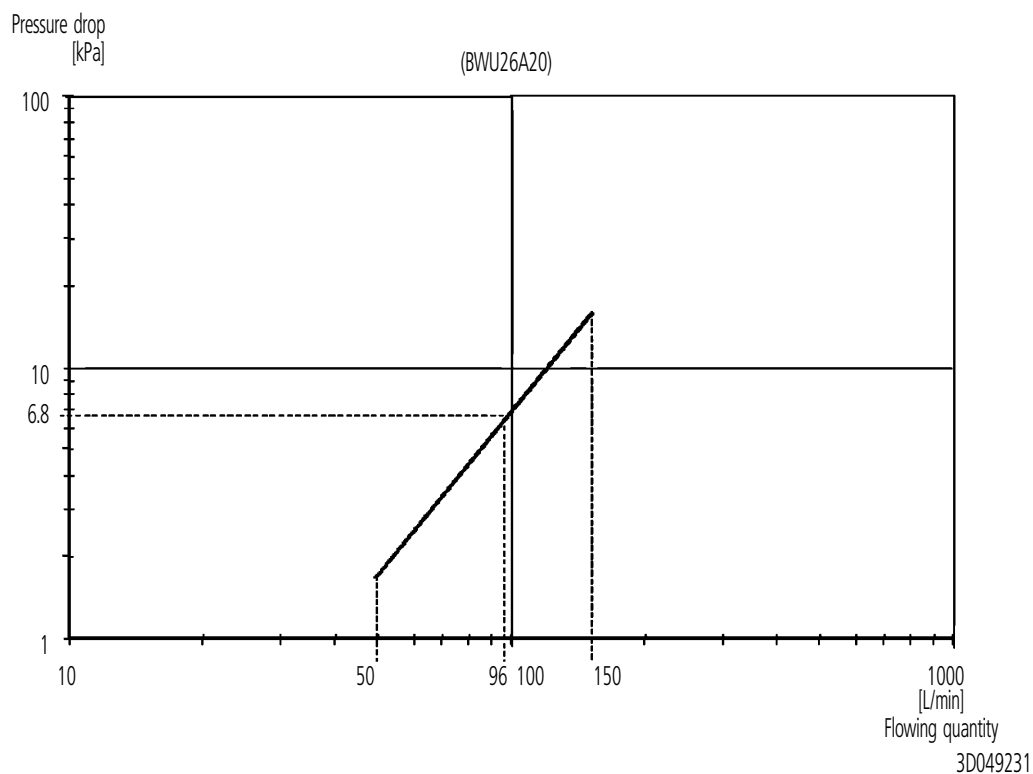
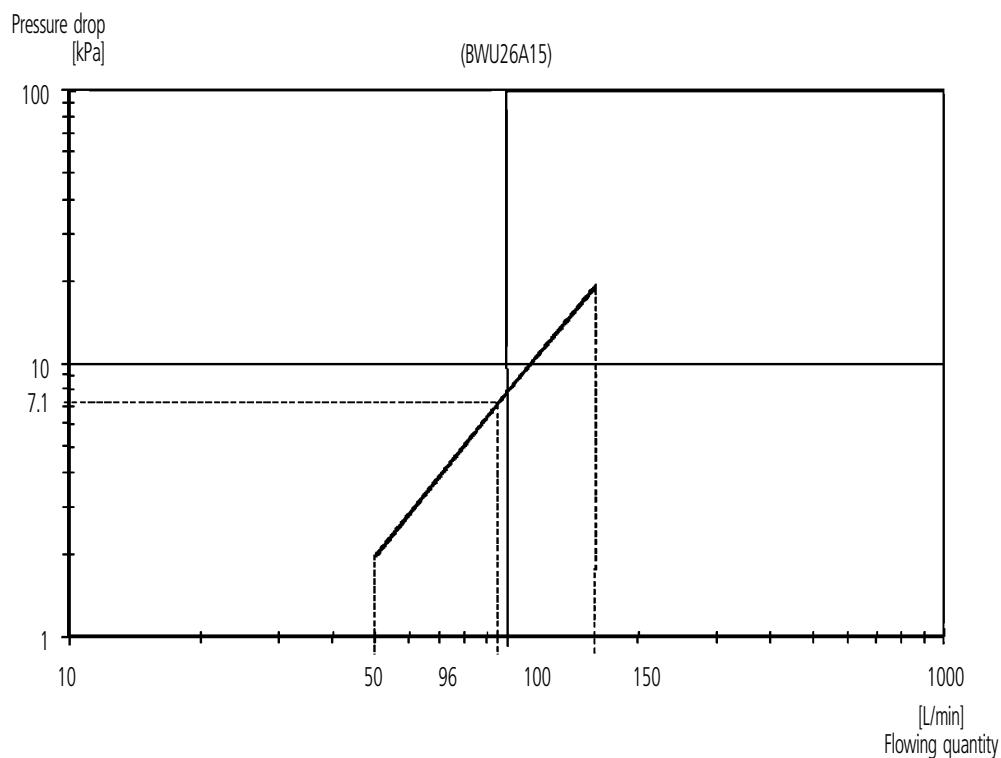
Mesh size: 50 mesh

2 Options

2 - 2 Detailed info

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

2 - 2 - 2 - 3 Flowing quantity characteristic



3 Capacity tables

3 - 1 Cooling capacity tables

10HP																							
Com- bination (%)	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. °C	TC	PI	Outlet water temp. °C	TC	PI	Outlet water temp. °C	TC	PI	Outlet water temp. °C	TC	PI	Outlet water temp. °C	TC	PI	Outlet water temp. °C	TC	PI	Outlet water temp. °C
			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.																				

3 Capacity tables

3 - 1 Cooling capacity tables

10HP																							
Com- bination (%)	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.																

3 Capacity tables

3 - 1 Cooling capacity tables

10HP																							
Com- bination (%)	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																

3 Capacity tables

3 - 1 Cooling capacity tables

10HP																							
Com- bination (%)	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	24.8	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	18.7	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																		

3 Capacity tables

3 - 1 Cooling capacity tables

10HP

TC: Total capacity; PI: Power Input

Com- bination (%)	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																							
Com- bination (%)	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																		

3 Capacity tables

3 - 1 Cooling capacity tables

20HP																							
Com- bination (%)	Inlet water temp. °C	Water volume L/min	Indoor air temperature: °CWB																			TC: Total capacity; PI: Power Input	
			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	53.8	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																	

3 Capacity tables

3 - 1 Cooling capacity tables

20HP																							
Com- bination (%)	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</																		

3 Capacity tables

3 - 1 Cooling capacity tables

20HP																							
Com- bination (%)	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. °C	TC	PI	Outlet water temp. °C	TC	PI	Outlet water temp. °C	TC	PI	Outlet water temp. °C	TC	PI	Outlet water temp. °C	TC	PI	Outlet water temp. °C	TC	PI	Outlet water temp. °C
			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	49.5	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 Capacity tables

3 - 1 Cooling capacity tables

20HP

TC: Total capacity; PI: Power Input

Com- bination (%)	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																							
Com- bination (%)	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.																

3 Capacity tables

3 - 1 Cooling capacity tables

30HP																							
Com- bination (%)	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																

3 Capacity tables

3 - 1 Cooling capacity tables

30HP																							
Com- bination (%)	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	56.6	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	9.0																

3 Capacity tables

3 - 1 Cooling capacity tables

30HP																							
Com- bination (%)	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	74.3	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																		

3 Capacity tables

3 - 1 Cooling capacity tables

30HP

TC: Total capacity; PI: Power Input

Com- bination (%)	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			Indoor air temperature: °CWB																					TC: Total capacity; PI: Power Input	
Com- bination (%)	Inlet water temp. °C	Water volume L/min	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																						

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

10HP											TC: Total capacity; PI: Power Input												
Com- bination (%)	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																				

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

10HP			TC: Total capacity; PI: Power Input																				
Com- bination (%)	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	27.0	7.19	40.8	27.5	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																			

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

10HP																							
TC: Total capacity; PI: Power Input																							
Com- bination (%)	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.																			

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

10HP

TC: Total capacity; PI: Power Input

Com- bination (%)	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
	15	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
		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
	20	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
		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
	25	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
	30	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
	35	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
		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
	40	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
	45	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
	45	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
		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																							
Com- bination (%)	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																					

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

20HP																							
TC: Total capacity; PI: Power Input																							
Com- bination (%)	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

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

20HP																							TC: Total capacity; PI: Power Input					
Com- bination (%)	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.																									

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

20HP																							
Com- bination (%)	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	43.7	13.3	44.5	48.4	15.4	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	43.7	12.4	44.1	48.4	14.2	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	48.4	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	48.4	13.2	42.8
	45	80	24.7	6.78	47.8	29.4	8.78	48.1	34.2	11.16	48.2	36.5	12.6	48.2	38.9	13.4	48.2	43.7	15.4	48.3	48.4	17.3	48.3
		96	24.7	6.34	47.3	29.4	8.19	47.8	34.2	10.48	47.9	36.5	11.6	47.9	38.9	12.6	47.9	43.7	14.4	48.0	48.4	16.1	48.0
		120	24.7	5.97	46.8	29.4	7.92	47.2	34.2	9.08	47.5	36.5	10.4	47.5	38.9	11.6	47.5	43.7	13.4	47.6	48.4	15.0	47.6
		150	24.7	5.80	46.5	29.4	7.65	46.8	34.2	8.78	47.1	36.5	9.92	47.1	38.9	11.0	47.1	43.7	13.0	47.2	48.4	14.8	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 Capacity tables

3 - 2 Cooling capacity tables with glycol

20HP

TC: Total capacity; PI: Power Input

Com- bination (%)	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																							
Com- bination (%)	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																				

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

30HP																							
Com- bination (%)	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. °C	TC	PI	Outlet water temp. °C	TC	PI	Outlet water temp. °C	TC	PI	Outlet water temp. °C	TC	PI	Outlet water temp. °C	TC	PI	Outlet water temp. °C	TC	PI	Outlet water temp. °C
			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

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

30HP																							
Com- bination (%)	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																		

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

30HP																							
TC: Total capacity; PI: Power Input																							
Com- bination (%)	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																			

3 Capacity tables

3 - 2 Cooling capacity tables with glycol

30HP

TC: Total capacity; PI: Power Input

Com- bination (%)	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		
Com- bination (%)	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											

3 Capacity tables

3 - 3 Heating capacity tables

10HP										TC: Total capacity; PI: Power Input											
Com- bination (%)	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	3											

3 Capacity tables

3 - 3 Heating capacity tables

10HP			TC: Total capacity; PI: Power Input																	
Com- bination (%)	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</								

3 Capacity tables

3 - 3 Heating capacity tables

10HP			TC: Total capacity; PI: Power Input																		
Com- bination (%)	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												

3 Capacity tables

3 - 3 Heating capacity tables

10HP

TC: Total capacity; PI: Power Input

Com- bination (%)	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																				
Com- bination (%)	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</												

3 Capacity tables

3 - 3 Heating capacity tables

20HP																				
TC: Total capacity; PI: Power Input																				
Com- bination (%)	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</												

3 Capacity tables

3 - 3 Heating capacity tables

20HP																			TC: Total capacity; PI: Power Input		
Com- bination (%)	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												

3 Capacity tables

3 - 3 Heating capacity tables

20HP			TC: Total capacity; PI: Power Input																	
Com- bination (%)	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									

3 Capacity tables

3 - 3 Heating capacity tables

20HP

TC: Total capacity; PI: Power Input

Com- bination (%)	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																	
Com- bination (%)	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	3							

3 Capacity tables

3 - 3 Heating capacity tables

30HP			TC: Total capacity; PI: Power Input																	
Com- bination (%)	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	

3 Capacity tables

3 - 3 Heating capacity tables

30HP			TC: Total capacity; PI: Power Input																	
Com- bination (%)	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								

3 Capacity tables

3 - 3 Heating capacity tables

30HP			TC: Total capacity; PI: Power Input																		
Com- bination (%)	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	5													

3 Capacity tables

3 - 3 Heating capacity tables

30HP

TC: Total capacity; PI: Power Input

Com- bination (%)	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		
Com- bination (%)	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.																

3 Capacity tables

3 - 4 Heating capacity tables with glycol

10HP																				
TC: Total capacity; PI: Power Input																				
Com- bination (%)	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														

3 Capacity tables

3 - 4 Heating capacity tables with glycol

10HP																			TC: Total capacity; PI: Power Input								
Com- bination (%)	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																		

3 Capacity tables

3 - 4 Heating capacity tables with glycol

10HP																				
TC: Total capacity; PI: Power Input																				
Com- bination (%)	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</													

3 Capacity tables

3 - 4 Heating capacity tables with glycol

10HP

TC: Total capacity; PI: Power Input

Com- bination (%)	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	
Com- bination (%)	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</																				

3 Capacity tables

3 - 4 Heating capacity tables with glycol

20HP			TC: Total capacity; PI: Power Input																		
Com- bination (%)	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</														

3 Capacity tables

3 - 4 Heating capacity tables with glycol

20HP																				
TC: Total capacity; PI: Power Input																				
Com- bination (%)	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	5											

3 Capacity tables

3 - 4 Heating capacity tables with glycol

20HP										TC: Total capacity; PI: Power Input											
Com- bination (%)	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</											

3 Capacity tables

3 - 4 Heating capacity tables with glycol

20HP

TC: Total capacity; PI: Power Input

Com- bination (%)	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			Indoor air temperature: °CDB																		TC: Total capacity; PI: Power Input		
Com- bination (%)	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.																

3 Capacity tables

3 - 4 Heating capacity tables with glycol

30HP																				
TC: Total capacity; PI: Power Input																				
Com- bination (%)	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																

3 Capacity tables

3 - 4 Heating capacity tables with glycol

30HP																				
TC: Total capacity; PI: Power Input																				
Com- bination (%)	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	8.9				

3 Capacity tables

3 - 4 Heating capacity tables with glycol

30HP																			TC: Total capacity; PI: Power Input								
Com- bination (%)	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									

3 Capacity tables

3 - 4 Heating capacity tables with glycol

30HP

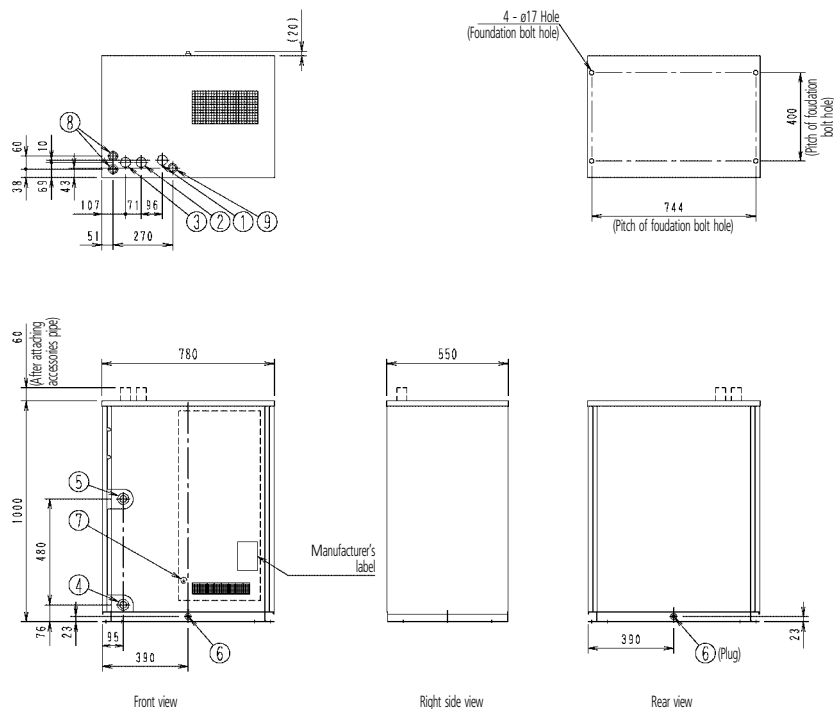
TC: Total capacity; PI: Power Input

Com- bination (%)	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

- Earth terminal is in a switch box.
- 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

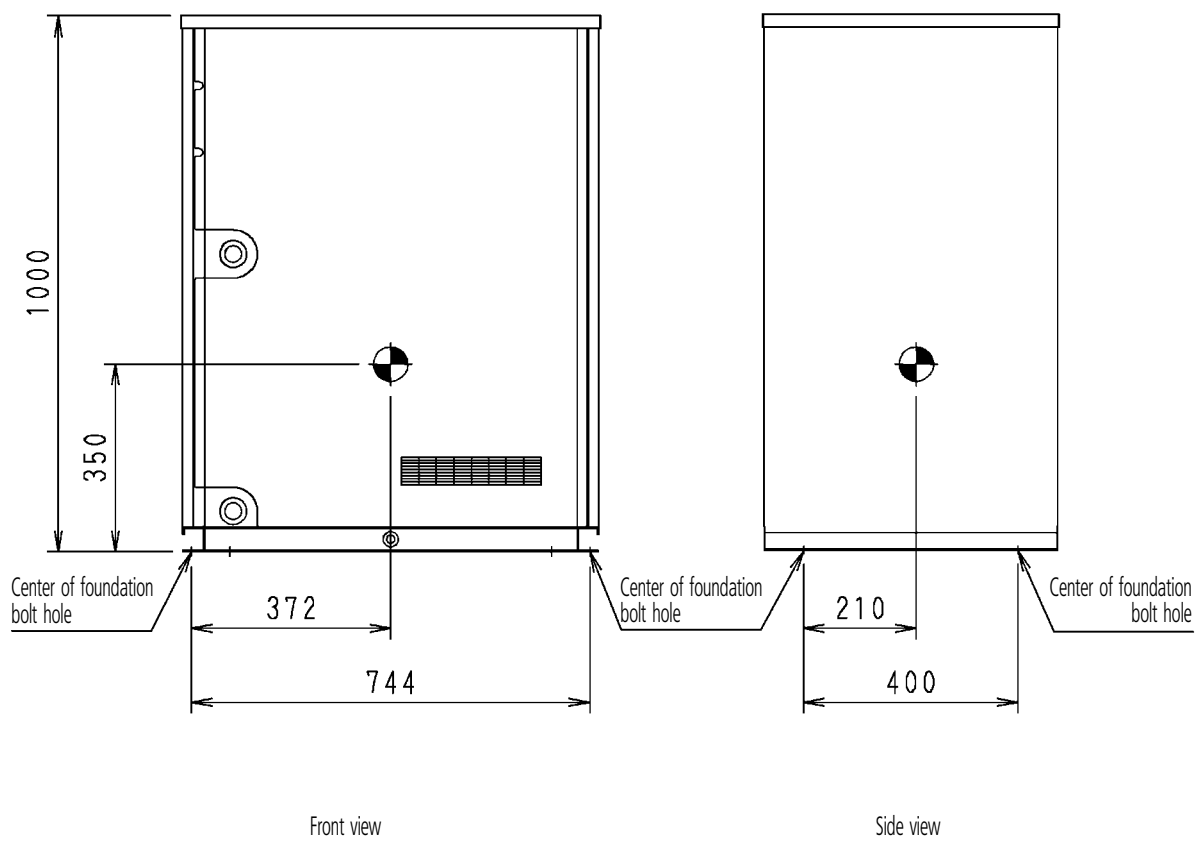
- Connection method:
Liquid pipe: flare connection
Suction gas pipe: brazing connection
Discharge gas pipe: brazing connection
- In case of heat pump system, suction gas pipe is not used.

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4 Dimensional drawing & centre of gravity

4 - 2 Centre of gravity

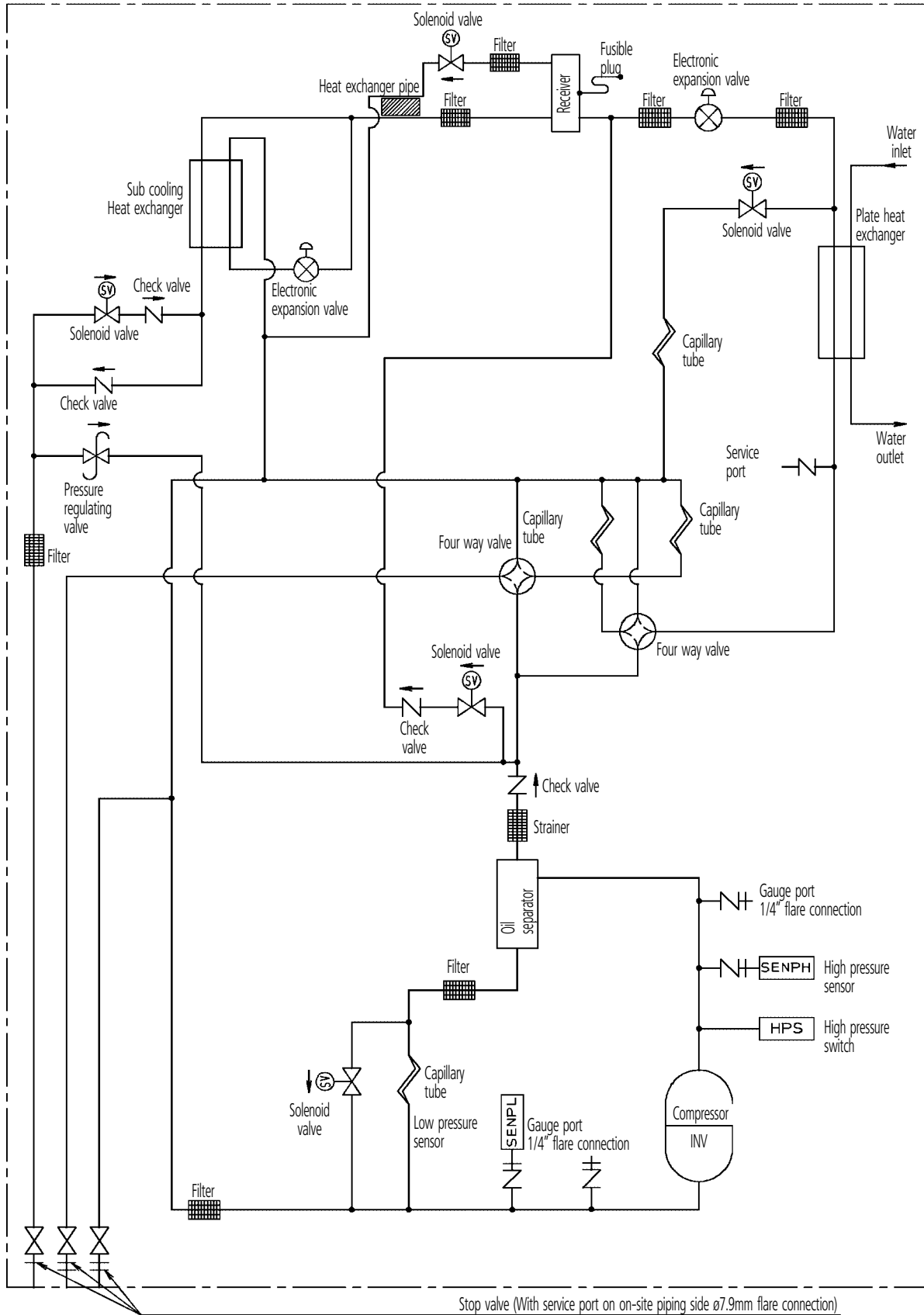
RWEYQ10MY1



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5 Piping diagram

RWEYQ10MY1

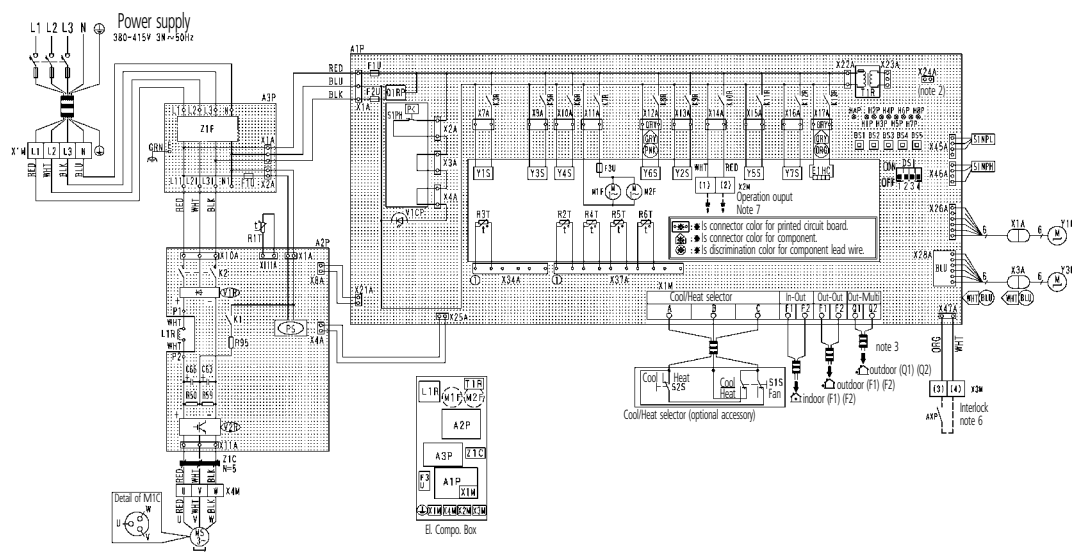


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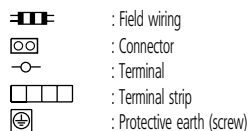
6 Wiring diagram

6 - 1 Wiring diagram

RWEYQ10MY1



L1-RED	L2-WHT	L3-BLK	N-BLUE
A1P	Printed circuit board (Main)	K9R	Magnetic relay (Y2S) (A1P)
A2P	Printed circuit board (Inv)	K10R	Magnetic relay (Operation output) (A1P)
A3P	Printed circuit board (Noise filter)	K11R	Magnetic relay (Y5S) (A1P)
B51 ~ B55	Push button switch (Mode, Set, Return, Test, Reset)	K12R	Magnetic relay (Y7S) (A1P)
C63,66	Capacitor	K13R	Magnetic relay (E1HC) (A1P)
DS1	Dip switch	L1R	Reactor
E1HC	Crankcase heater	M1C	Motor (Compressor)
F1U	Fuse (250V, 5A, ) (A3P)	M1F,M2F	Motor (Fan, Inverter cooling)
F1U, 2U	Fuse (250V, 10A, ) (A1P)	PS	Switching power supply
F3U	Fuse (250V, 5A, )	Q1RP	Phase reversal detect circuit (A1P)
H1P ~ H8P	Pilot lamp (Service monitor-orange) (A1P) [H2P] Prepare, test flickering Malfunction detection ... light up	R5	Resistor (Current limiting)
HAP	Pilot lamp (Service monitor-green) (A1P)	R1T	Thermistor (Fin) (A2P)
K1	Magnetic relay	R2T	Thermistor (Suction)
K2	Magnetic contactor (M1C)	R3T	Thermistor (M1C Discharge)
K3R	Magnetic relay (Y1S) (A1P)	R4T	Thermistor (Heat exchanger gas pipe)
K5R	Magnetic relay (Y3S) (A1P)	R5T	Thermistor (Sub cooling heat exchanger)
K6R	Magnetic relay (Y4S) (A1P)	R6T	Thermistor (Receiver liquid pipe)
K7R	Magnetic relay (M1F,M2F) (A1P)	S1NPH	Pressure sensor (High)
K8R	Magnetic relay (Y6S) (A1P)	S1NPL	Pressure sensor (Low)
		S1PH	Pressure switch (High)
		T1R	Transformer (220-240V/20V)
		V1CP	Safety devices input
		V1R,V2R	Power module (A2P)
		X1A,X3A	Connector (Y1E,Y3E)
		X1M	Terminal strip (Power supply)
		X1M	Terminal strip (Control) (A1P)
		X2M	Terminal strip (A1P)
		X3M	Terminal strip (Interlock)
		X4M	Terminal strip (M1C)
		Y1E	Electronic expansion valve (Main)
		Y3E	Electronic expansion valve (Sub cool)
		Y1S	Solenoid valve (Hot gas bypass)
		Y2S	Solenoid valve (Oil recovery)
		Y3S	Solenoid valve (Receiver pressurization)
		Y4S	Solenoid valve (Receiver gas purge)
		Y5S	Solenoid valve (4 way valve) (Main)
		Y6S	Solenoid valve (Liquid pipe)
		Y7S	Solenoid valve (4 way valve) (Heat exchanger)
		Z1C	Noise filter (Ferrite core)
		Z1F	Noise filter (With surge absorber)
		Cool/heat selector	
		S1S	Selector switch (Fan/Cool • Heat)
		S2S	Selector switch (Cool/Heat)



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

NOTES

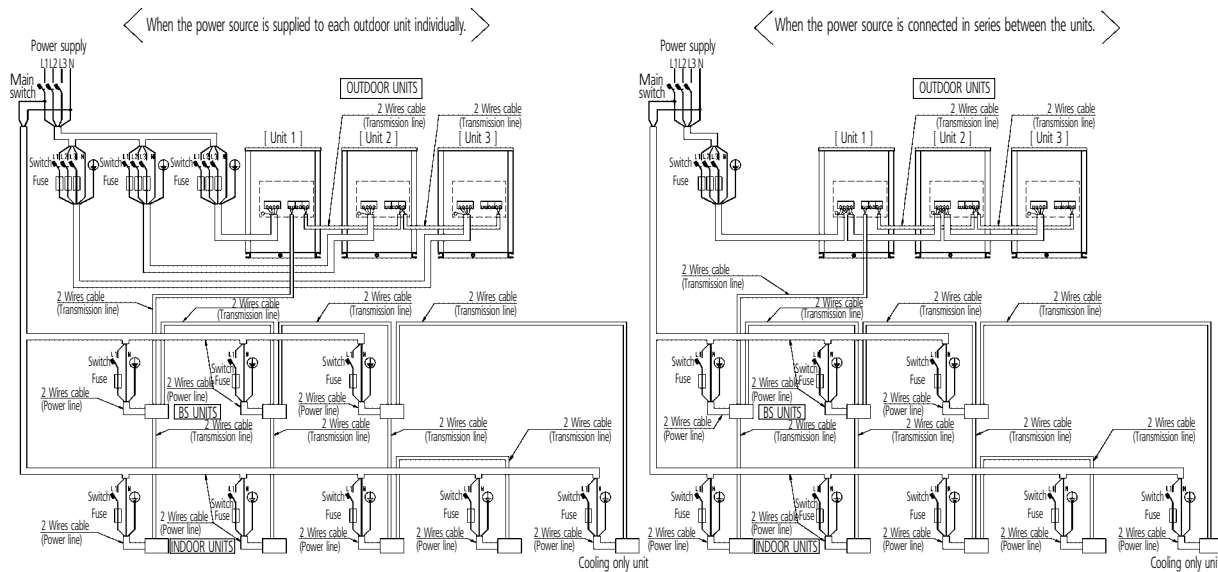
- This wiring diagram applies only to the outdoor unit.
- When using the option adaptor, refer to the installation manual.
- Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1•F2, outdoor-outdoor transmission F1•F2, outdoor-multi transmission Q1•Q2.
- Refer to "service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

3D048121

6 Wiring diagram

6 - 2 External connection diagram

RWEYQ10,20,30MY1-HEAT RECOVERY



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 When the power source is connected in series between the units, comply with the following conditions:
The capacity of UNIT 1 must be larger than UNIT 2.
The capacity of UNIT 2 must be larger than UNIT 3.

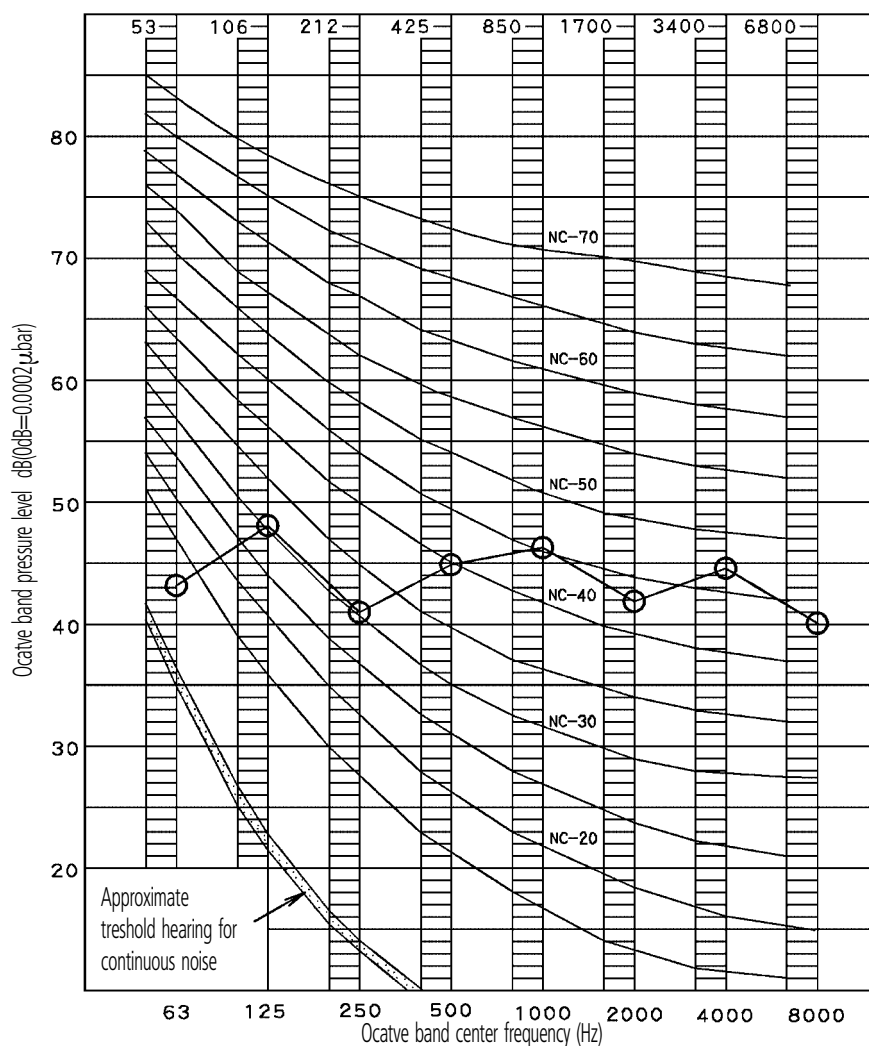
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7 Sound data

7 - 1 Sound pressure spectrum

RWEYQ10MY1

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NOTES

1 Over all (dB):

Scale	50Hz
A	51
C	53

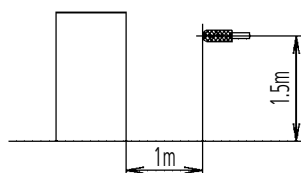
(B, G, N is already rectified)

2 Operating conditons:

- Power source: 380~415V,50Hz

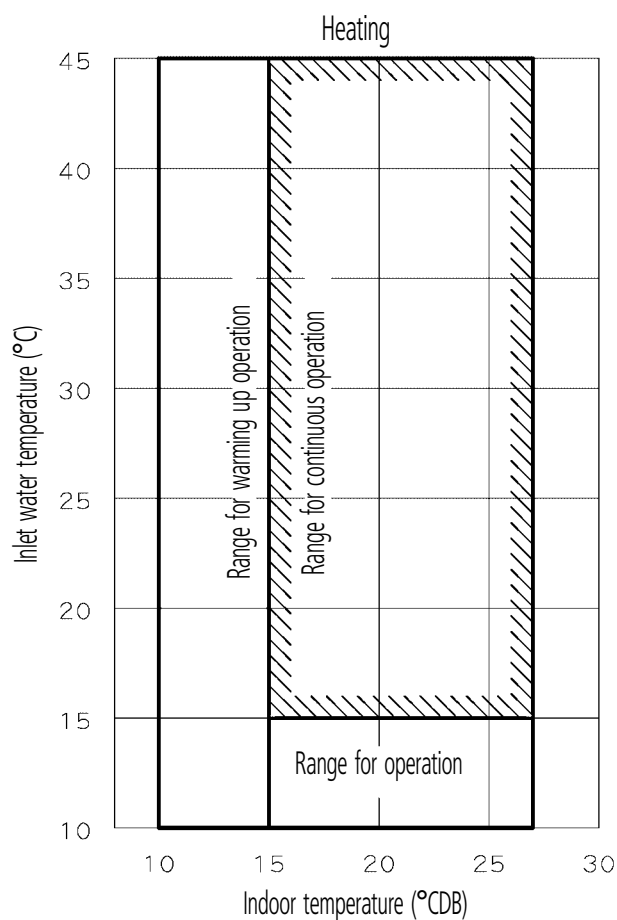
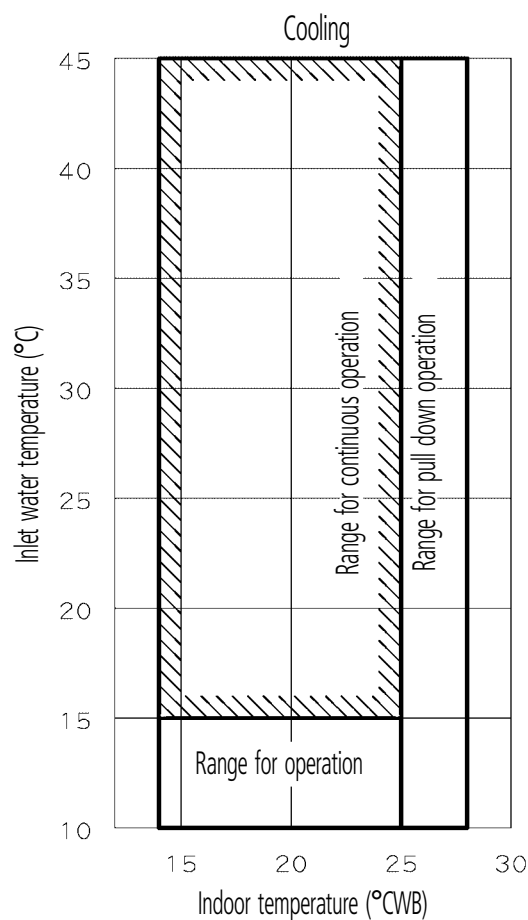
3 The operating sound is measured in an anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.

4 Location of microphone



9 Operation range

RWEYQ-MY1

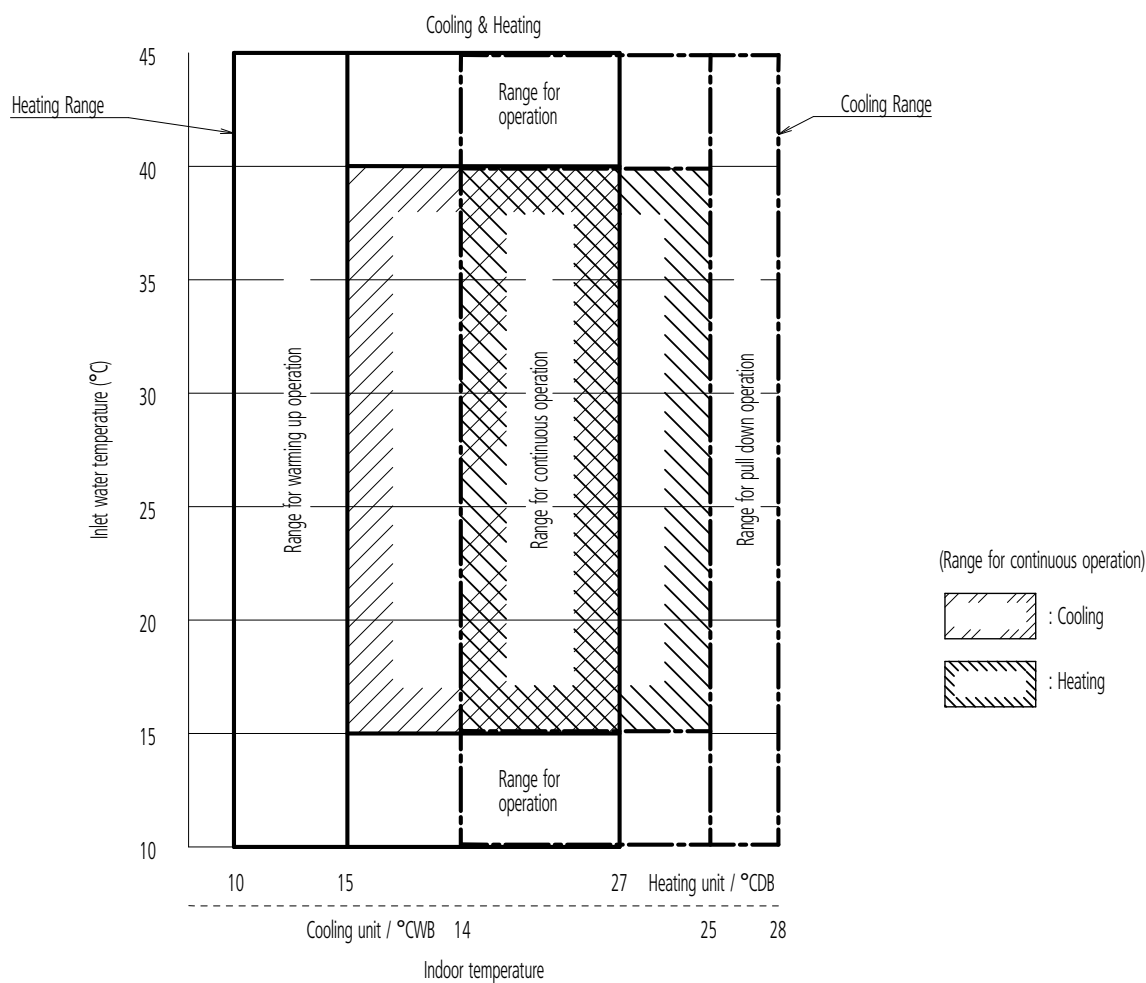


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NOTES

- 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.

9 Operation range



3D049377

NOTES

- 1 This figure shows the range which can be operated, when it is 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.
- 5 These figures assume the following operating conditions:
Indoor and outdoor units:
Equivalent pipe length: 7.5m
Level difference: 0m

2b

VRV-WII



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



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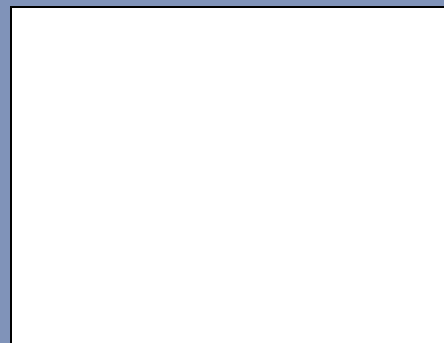


ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.



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

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