

AIR HANDLING UNIT

T



Sostituisce • Replace
Remplace • Ersetzt:
9707 / 66210.07

ITUY
0206
66210.13



AERMEC S.p.A.

I-37040 Bevilacqua (VR) Italia – Via Roma, 44

Tel. (+39) 0442 633111

Telefax 0442 93730 – (+39) 0442 93566

www.aermec.com - info@aermec.com



modello:

model:

numero di serie:

serial number:

The product subject to the present declaration must not be put into service before the system to which the product is mounted has been declared as conforming to the requirements of the relevant Directive.

Declaration of Conformity

We, the signatories of the present document, hereby declare under our exclusive responsibility that the system conforms with the requirements of the following Directives:

- Machine Directive 89/392 CEE and modifications 91/368 CEE - 93/44 CEE - 93/68 CEE;
- Low voltage directive 73/23 CEE.

Bevilacqua, 1/1/2002

Direttore Marketing – Marketing Director

Luigi Zucchi

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1- General characteristics and nominal output

The T series is the viable alternative to air handling units in the 3000 - 20000 m³/h capacity range, when filtering, cooling and/or heating applications only are required in civilian or industrial installations.

T series units can be integrated into a ducting system, and can be fitted with a various types of delivery and return accessories.

Units can be installed horizontally or vertically, with air delivery and intake in several directions.

Frames		T 1	T 2	T 3	T 4	T 5	T 6	T 7
Air flow	[l/s]	833	1111	1556	2111	3000	3889	5667
	[m ³ /h]	3000	4000	5600	7600	10800	14000	20400
Cooling capacity ⁽¹⁾	[kW]	2 row	8.8	12.7	17.6	23.6	33.5	69.9
		3 row	12.6	17	24.4	32.6	45.6	81.4
		4 row	15.6	20.6	30.2	39.8	56.6	98
		6 row	20.1	25.8	38.1	53	76.1	137.8
Heating capacity ⁽²⁾	[kW]	2 row	20	26.9	37.8	50.8	71.9	150
		3 row	26.8	35.6	50.4	67.7	95.5	190.4
		4 row	32	42.3	60.1	80.6	114	224
		6 row	39	51.4	73	99.3	141	274.7

(1) Intake air t_{bs} 27°C t_{bu} 19°C

Water 7-12°C

(2) Intake air t_{bs} 20°C

Water 70-60°C

2- Identification

The unit is clearly defined by an identification code composed as follows:

S T A N D A R D U N I T	1°	T	T series T
	2°	1	nominal capacity frame 3000 m ³ /h
		2	nominal capacity frame 4000 m ³ /h
		3	nominal capacity frame 5600 m ³ /h
		4	nominal capacity frame 7600 m ³ /h
		5	nominal capacity frame 10800 m ³ /h
		6	nominal capacity frame 14000 m ³ /h
		7	nominal capacity frame 20400 m ³ /h
	3°	6	conditioning section with 6 row coil
		4	conditioning section with 4 row coil
		3	conditioning section with 3 row coil
		2	conditioning section with 2 row coil
		0	no conditioning section
	4°	4	heating section with 4 row coil
		3	heating section with 3 row coil
		2	heating section with 2 row coil
		0	no heating section
A C C E S S O R I E S	5°6°	GC	return grille conditioning section
		GR	return grille heating section
		RT	return plenum without grille
		RS	return plenum with recirculation grille and full-section PAE damper
		RP	return plenum with recirculation grille and part-section PAE damper
		RF	return plenum with recirculation grille and damper with PAE opening
		RC	return plenum with recirculation grille and closed damper
		RV	return plenum with recirculation grille without side panel
		MO	horizontal return plenum with 2 dampers
		MV	vertical return plenum with 2 dampers
		OO	no return accessory
	7°	M	delivery plenum with twin-row blade port
		O	no delivery plenum
	8°	P	support feet
		O	no support feet
O R I E N T A T I O N	9°	1	vertical upper delivery
		2	vertical front delivery
		3	horizontal upper delivery
		4	horizontal front delivery
	10°	A	front intake
		I	lower intake
		P	rear intake
	11°	S	left side connectors (with cooling coil upline of heating coil or with single coil)
		D	right side connectors (with cooling coil upline of heating coil or with single coil)
		A	left side connectors (with heating coil upline of cooling coil)
		B	right side connectors (with heating coil upline of cooling coil)

N.B. For orientation data, refer to the diagrams on pages 9 and 10.

Example: a T series unit with 3 frame, comprising conditioning section and 6 row coil, return plenum with partial external air intake damper and support feet, vertical arrangement and upper delivery, intake of the lower coil and right side connectors (when facing the machine with electric motor to left and connectors to right (cf. figures on pages 9 and 10)) is identified by the code **T3 60 RP 0 P 1ID**, where:

U	---->	T series unit
3	---->	Air capacity frame 3000 m ³ /h
6	---->	Conditioning section with 6 row coil
0	---->	No heating section
RP	---->	Return plenum with grille and partial external air intake damper
0	---->	No delivery plenum
P	---->	Support feet

- 1 ----> Vertical arrangement with upward delivery
 I ----> Lower coil section intake
 D ----> R.h. coil connectors

3- Frames

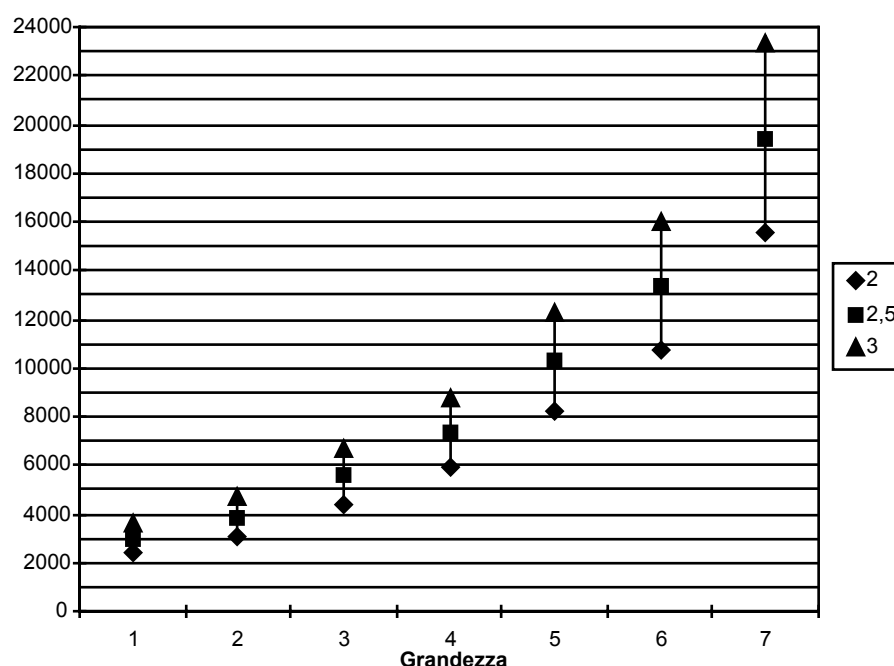
The unit comes in 7 frame sizes. The table below shows the section sizes composing the unit.

Tab. 1

Frame		T 1	T 2	T 3	T 4	T 5	T 6	T 7
Standard component dimensions								
Width	mm	1100	1350	1500	1900	1900	2560	2560
Fan and conditioning section height	mm	650	650	740	740	870	870	1130
Fan and conditioning section length	mm	650	650	740	740	870	870	1130
Heating section height	mm	650	650	740	740	870	870	1130
Heating section length	mm	350	350	350	350	350	460	460
Plenum height	mm	390	390	460	460	600	600	600
Plenum length	mm	650	650	740	740	870	870	1130

4- Capacities

Units capacity values are given in the diagram below, and are expressed in m³/h corresponding to frontal speed on coil with 2 - 2.5 - 3 m/s.



N.B. The maximum frontal speed for conditioning applications is 2.6 m/s.

5- Enclosure

The unit enclosure comprises a frame with insulating panels.

The sandwich type panels are composed as follows:

- outer wall: plastic coated galvanised sheet metal, powder blue colour;
- internal wall: galvanised sheet metal;
- insulation: polyurethane foam;
- total panel thickness: 25 mm;
- delivery plenum with sound absorbent lining.

The aluminium alloy frame (with natural aluminium finish) features black nylon corner joints.

Panels are fixed to the frame by means of self-tapping screws with nickel washers.

6- Modularity and orientation

6.1 Modularity

All T series units feature the following sections:

- Fan section.
- Containment section for heating coil and filter.
- Containment section for cooling coil, condensate collection tray and filter.
- Delivery plenum section.
- Return plenum section.

Following the path of processed air, the unit can be composed as follows:

Heating only:

- Heating coil section + fan section
- Heating coil section + fan section + delivery plenum
- Return plenum + heating coil section + fan section
- Return plenum + heating coil section + fan section + delivery plenum

Cooling only or heating/cooling with twin-application coil:

- Cooling coil section + fan section
- Cooling coil section + fan section + delivery plenum
- Return plenum + cooling coil section + fan section
- Return plenum + cooling coil section + fan section + delivery plenum

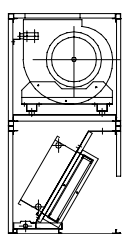
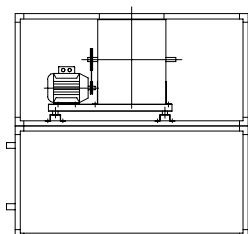
Cooling e post-heating:

- Cooling coil section + heating coil section + fan section
- Cooling coil section + heating coil section + fan section + delivery plenum
- Return plenum + cooling coil section + heating coil section + fan section
- Return plenum + cooling coil section + heating coil section + fan section + delivery plenum.

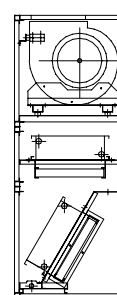
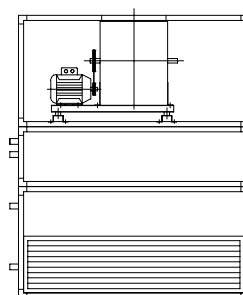
Pre-heating and cooling:

- Heating coil section + cooling coil section + fan section
- Heating coil section + cooling coil section + fan section + delivery plenum
- Return plenum + heating coil section + cooling coil section + fan section
- Return plenum + heating coil section + cooling coil section + fan section + delivery plenum.

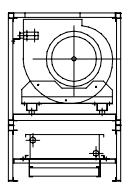
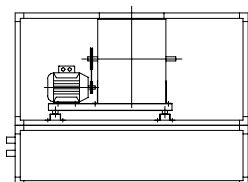
Some of the compositions possible are shown in the figures below (unit with size 2 frame, with 4-row and 2-row cooling coil, vertical and horizontal configuration and connections on left side. The codes for each composition are also shown.



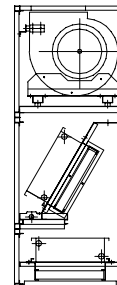
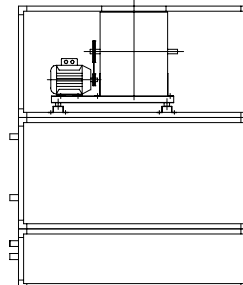
T2 40 00 0 0 1AS



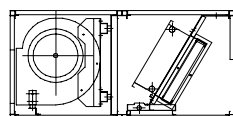
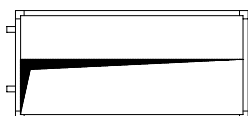
T2 42 GC 0 0 1AS



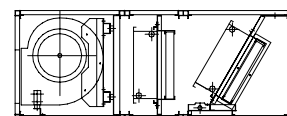
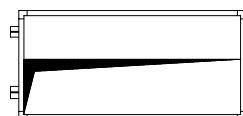
T2 02 00 0 0 1AS



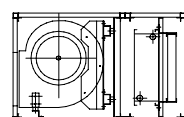
T2 42 GR 0 0 1IA



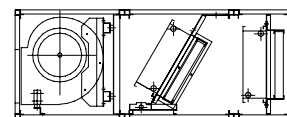
T2 40 00 0 0 4AS



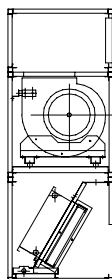
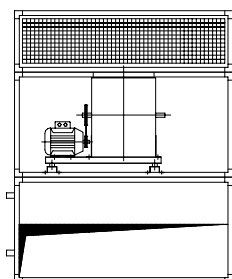
T2 42 00 0 0 4AS



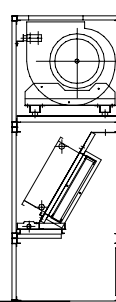
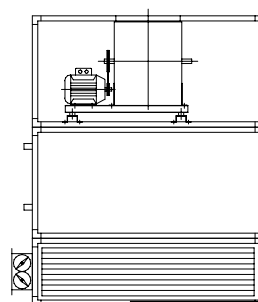
T2 02 00 0 0 4AS



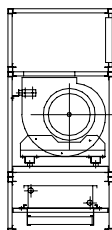
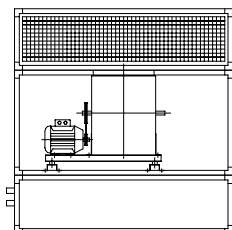
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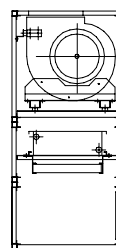
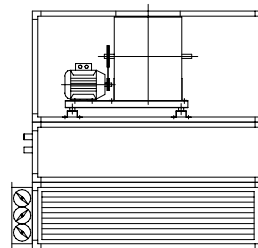
T2 40 00 M 0 1AS



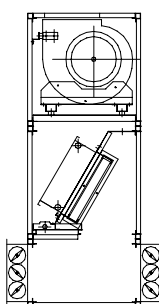
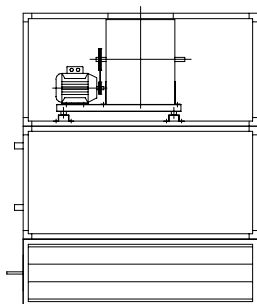
T2 02 RP 0 0 1AS



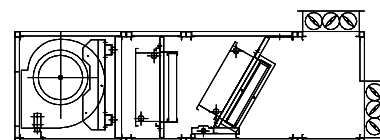
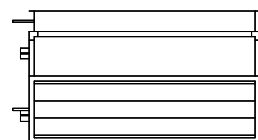
T2 02 00 M 0 1IS



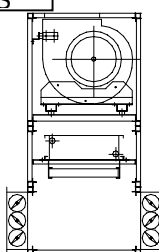
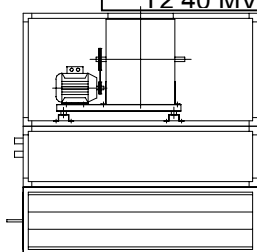
T2 02 RS 0 0 1AS



T2 40 MV 0 0 1S



T2 42 MO 0 0 4AS



T2 02 MV 0 0 1AS

6.2 Orientations

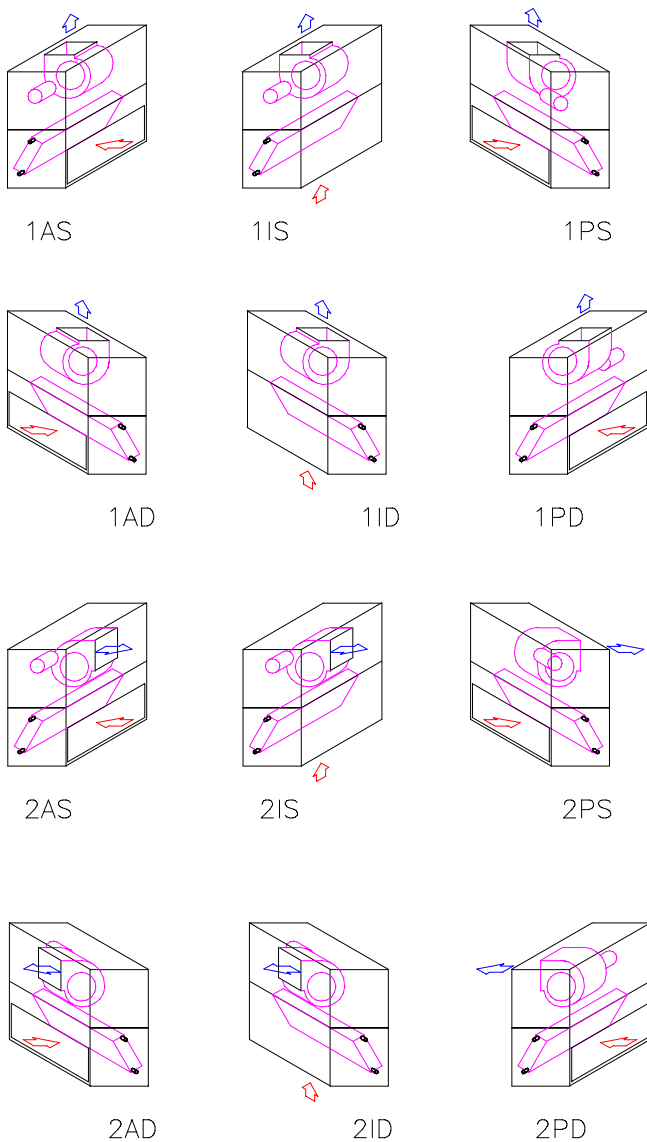
The fan and cooling sections of the unit have been designed to allow selection of orientation by simply switching the position of the intake panel and the air passage partition between the two sections. The coils may be turned for connection on left or right side, as desired. The connection side is the one when facing the unit with the fan motor on the left: The connection side is left when connectors are on the same side of the motor.

All possible configurations with the two different orientations are shown below.

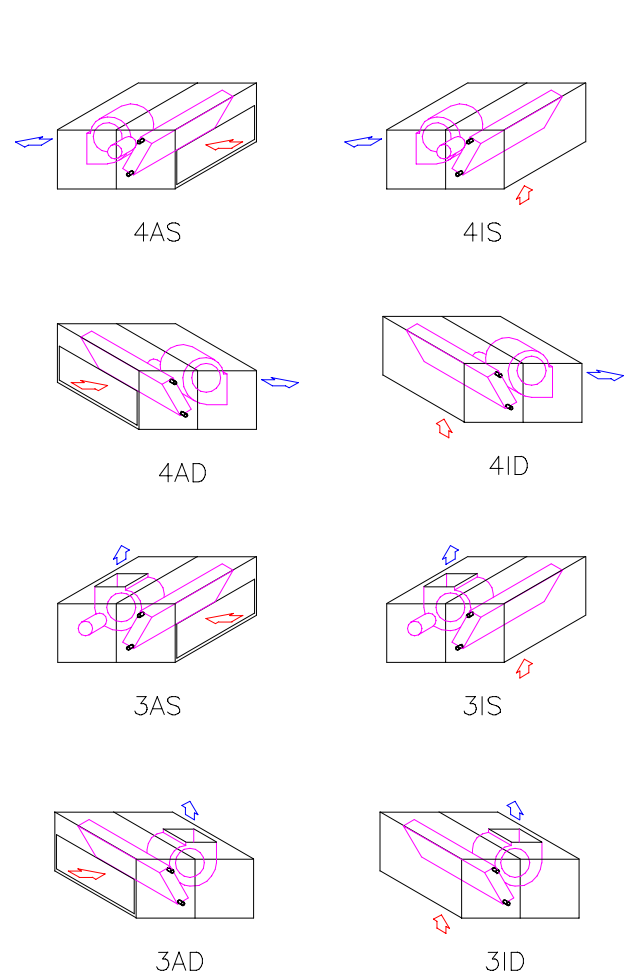
When defining the code, orientation refers to the unit without delivery and return plenums; account also for the intake side of the first coil in the direction of air flow. For example, in the case of a unit comprising heating coil, cooling coil and fan section, orientation will be defined by choosing between those shown for fancoil units (see following pages).

N.B. Units in which the heating section is the first component must not be placed directly on the floor surface when vertically oriented (1xx e 2xx).

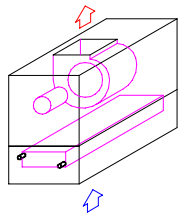
Vertical orientation of conditioning units



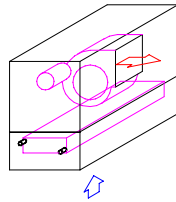
Horizontal orientation of conditioning units



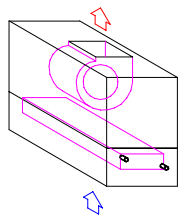
Orientation of vertical hanging fancoils



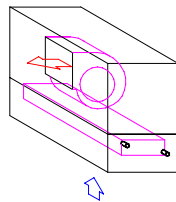
1IS



2IS

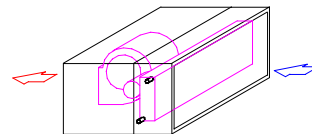


1ID

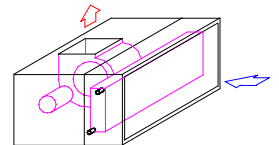


2ID

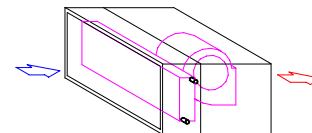
Orientation of horizontal hanging fancoils



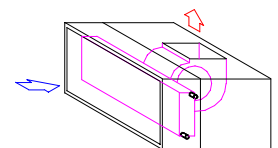
4AS



3AS



4AD



3AD

7- Fans and motors

Fans

Centrifugal twin-intake fans with forward curved blades.

Sizes 6 and 7 are equipped with twin fans.

Motors

Motors are UNELMEC standard (protection category IP 55, insulation class F).

Transmissions

Fixed (on fan) and variable (on motor) Taper-Lock pulley and vee belts type SPZ or SPA (depending on unit size).

Anti-vibration mounts

Elastomer anti-vibration mounts beneath motor-fan cradle and on upper side of fan. Fan outlet makes seal with the panel by means of an elastic gasket.

8- Filters

Units are fitted with class G3 corrugated synthetic filters.

The filters are mounted on guides both in the cooling coil and the heating coil sections. In the case of units complete with cooling and post-heating sections, filters are fitted in the first section only.

Filters are removed by sliding them laterally through the opening on the connection side panel by means of the tool supplied.

For quantity and dimensions of installed filter cells, refer to the technical specifications table.

9- Accessories

GC Return air panel cooling section

Made from anodised aluminium with single row of fixed blades; fitted to the intake port on cooling sections, flush to the unit aluminium frame.

GR Return air panel heating section

Made from anodised aluminium with single row of fixed blades; fitted to the intake port on heating sections, flush to the unit aluminium frame.

RT Intake plenum with front opening for connection to intake duct

Made with same panelling as the standard T unit. Ducting can be directly fitted to plenum aluminium frame with self-tapping screws.

RC Intake plenum with front panel

Similar to the RT plenum. Features anodised aluminium panel with single row of fixed blades. Used for direct air intake from the ambient in which the unit is installed.

RV Intake plenum with front panel and full-size lateral opening

Similar to the RC plenum RC, without one of the side panels for connecting an air duct for partial air intake from another room or external air vent.

RF Intake plenum with front panel and partial lateral opening

Similar to the RC plenum. Features partial opening on one of the lateral panels, for flanging the air duct, to reduce air intake from another room or external air vent.

RS Intake plenum with front panel and full-size lateral damper

Similar to the RC plenum, though features a damper for adjusting intake air from another room or external air vent. The damper can also be fitted to the rear plenum wall (composed of two separate panels, one with the same dimensions as the lateral panels). This type of modification is normally carried out on the manufacturer's premises. The damper is made from aluminium and features opposed blades.

RP Intake plenum with front panel and partial side damper

Similar to the RC plenum, though features a damper on side panel for adjusting intake air from another room or external air vent. The damper can also be fitted to the rear plenum wall (composed of two separate panels, one with the same dimensions as the lateral panels). This type of modification is normally carried out on the manufacturer's premises. The damper is made from aluminium and features opposed blades.

MO Intake plenum with two dampers (recirculation and fresh air) for horizontal installation

Mixing section featuring two dampers (front and upper). Dampers are made from aluminium, and feature opposed blades.

MV Intake plenum with two dampers (recirculation and fresh air) for vertical installation

Mixing section featuring two dampers (front and rear). Dampers are made from aluminium, and feature opposed blades.

M Delivery plenum

Made from same panelling as the standard unit, but also features internal sound-absorbing lining. Used in non-ducted versions of the T unit, for air flow through a port with twin rows of moving blades. The port is made from anodised aluminium.

P Feet kit

Galvanised sheet metal feet (50 mm).

10- Special versions

The following components are available on request:

- Motor 4/6 pole
- Motor 4/8 pole
- Superheated water coil 2R (CuAl extra thickness)
- Superheated water coil 3R (CuAl extra thickness)
- Superheated water coil 4R (CuAl extra thickness)
- Direct expansion coil 3R
- Direct expansion coil 4R
- Fan section supplied without motor to allow installation of motor model specified by client.

For special component versions, contact the Manufacturer's office.

11- Operating limits

- | | |
|---|-------------|
| - Max. front speed for heating only coils | ==> 3.2 m/s |
| - Max. front speed for cooling coils
(equal to nominal air capacity) | ==> 2.6 m/s |
| - Min. intake air temperature | ==> -20°C |
| - Max. intake air temperature | ==> +40°C |
| - Filter final load loss | ==> 150 Pa |
| - Max. load loss coil water side | ==> 50 kPa |

12- Technical specifications

Frame

	T 1	T 2	T 3	T 4	T 5	T 6	T 7
--	-----	-----	-----	-----	-----	-----	-----

Nominal capacity

	m3/h	3000	4000	5600	7600	10800	14000	20400
	l/s	833	1111	1556	2111	3000	3889	5667

Basic components: dimensions

Width	mm	1100	1350	1500	1900	1900	2560	2560
Height fan section and conditioning sect.	mm	650	650	740	740	870	870	1130
Length fan section and conditioning sect.	mm	650	650	740	740	870	870	1130
Height heating section	mm	650	650	740	740	870	870	1130
Length heating section	mm	350	350	350	350	350	460	460
Height delivery plenum	mm	390	390	460	460	600	600	600
Length delivery plenum	mm	650	650	740	740	870	870	1130

Height and length of compositions

Heating + fan section	mm	1000	1000	1090	1090	1220	1330	1590
Conditioning + fan section	mm	1300	1300	1480	1480	1740	1740	2260
Conditioning + post-heating + fan section	mm	1650	1650	1830	1830	2090	2200	2720
Heating + fan section + delivery plenum	mm	1390	1390	1550	1550	1820	1930	2190
Conditioning + fan section + delivery plenum	mm	1690	1690	1940	1940	2340	2340	2860
Conditioning + post-heating + fan section + delivery plenum	mm	2040	2040	2290	2290	2690	2800	3320

Coils

Type		P2519	P2519	P2519	P2519	P2519	P6030	P6030
No. tubes in height	no.	16	16	20	20	28	11	16
H coil	mm	400	400	500	500	700	660	960
L coil	mm	830	1080	1230	1630	1630	2250	2250
Diameter manifolds 2 row coil	1"	1"	1"	1"	1"	1"1/4	1"1/2	1"1/2
Diameter manifold 3 row coil	1"	1"	1"	1"1/4	1"1/2	1"1/2	1"1/2	2"
Diameter manifolds 4 row coil	1"	1"	1"	1"1/4	1"1/2	1"1/2	1"1/2	2"
Diameter manifolds 6 row coil	1"	1"1/4	1"1/4	1"1/2	1"1/2	1"1/2	1"1/2	2"
Diameter drain	3/4" F	3/4" F	3/4" F	3/4" F	3/4" F	3/4" F	3/4" F	3/4" F
Front support	m ²	0.332	0.432	0.615	0.815	1.141	1.485	2.16

Fan, motor, transmission

Fan type		AT 12/12	AT 12/12	AT 15/15	AT 15/15	AT18/18	AT 15/15	AT18/18
Simple/Twin		S	S	S	S	S	B	B
Installed power	kW	0.55	0.75	1.1	1.5	2.2	3	4
Poles	no.	4	4	4	4	4	4	4
Volt/phases/cycles	V/no./H	380-3-50	380-3-50	380-3-50	380-3-50	380-3-50	380-3-50	380-3-50
Nominal current I_N at 380V	A	1.65	2.1	3.3	3.9	5.4	7.1	9.2
Output	%	73	77	79	82	80	81	83
Power factor		0.70	0.70	0.65	0.71	0.78	0.8	0.8
Motor speed	rpm	1400	1405	1410	1420	1420	1420	1420
Motor pulley (variable)		PVU092	PVU092	PVU092	PVU120	PVU120	PVD120	PVD120
Max. diameter	mm	89	89	89	114	114	114	114
Min. diameter	mm	62	62	62	88	88	88	88
Fan pulley		1Z125	1Z125	1Z150	1A190	1A200	2A170	2A224
Diameter	mm	125	125	150	190	200	170	224
Max. speed	rpm	996	996	836	852	809	952	723
Min. speed	rpm	694	694	583	658	625	735	558
Belts	no.	1SPZ737	1SPZ737	1SPZ887	1SPA1000	1SPA1060	2SPA932	2SPA1157

Filters

Cells 400x500x48	no.	2		1	2			
Cells 500x500x48	no.			2	2			
Cells 400x625x48	no.		2			2		4
Cells 500x625x48	no.					2	5	4
Front surface	m ²	0.4	0.5	0.7	0.9	1.125	1.5625	2.25
Front speed	m/s	2.08	2.22	2.22	2.35	2.67	2.49	2.52

13- USEFUL PRESSURE FOR DUCTED UNITS

The graphs below show the useful external pressure supplied by the fan at max. (continuous line) and min. (broken line) speed permitted by the variable pulley, according to capacity, of the configurations listed in decreasing order of useful static pressure:

- A : filter + 2 row heat exchange coil**
- B : filter + 3 row heat exchange coil**
- C : filter + 4 row heat exchange coil**
- D : filter + 6 row heat exchange coil**
- E : filter + 6 + 3 row heat exchange coils**

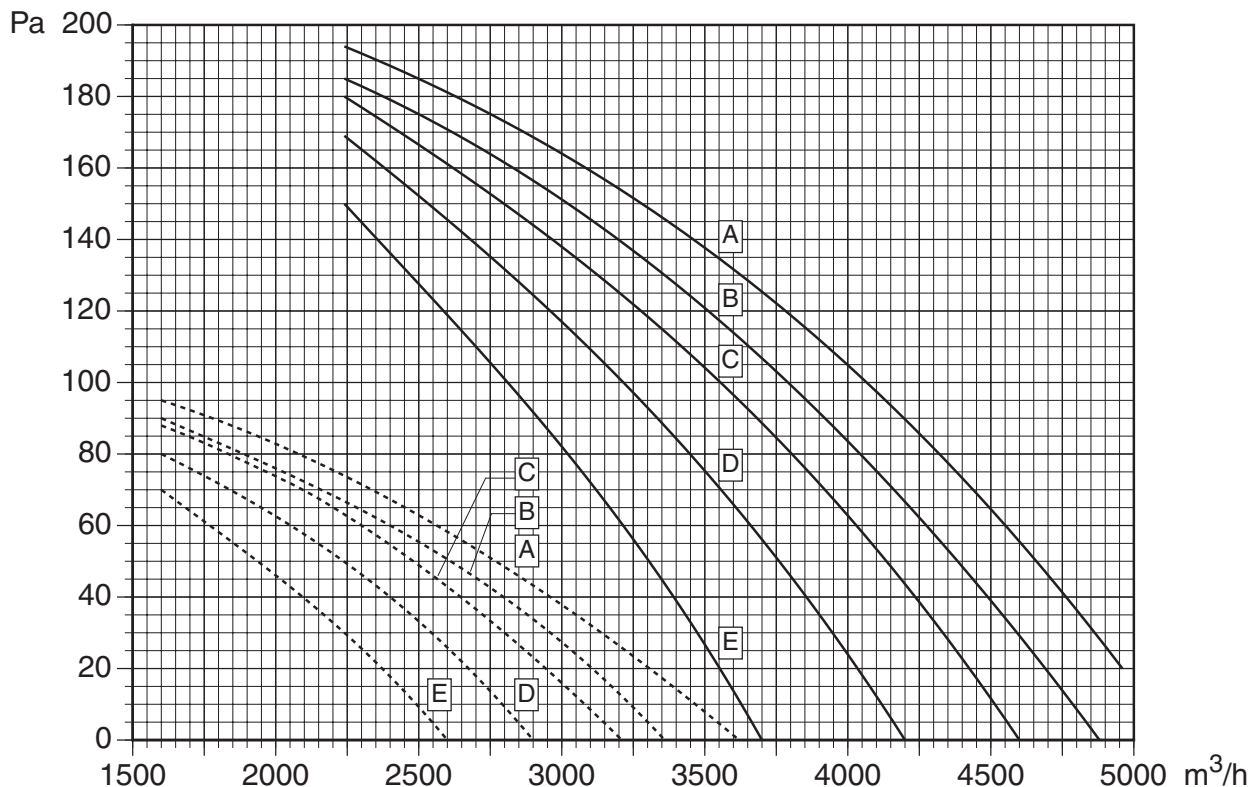
Example:

Unit: T 1
Capacity: 2800 m³/h
Components: filter + 6 row coil

The point of intersection between a capacity of 2800 m³/h with continuous curve D (motor pulley completely closed) and with broken curve D (motor pulley completely open) gives the value of useful pressure:

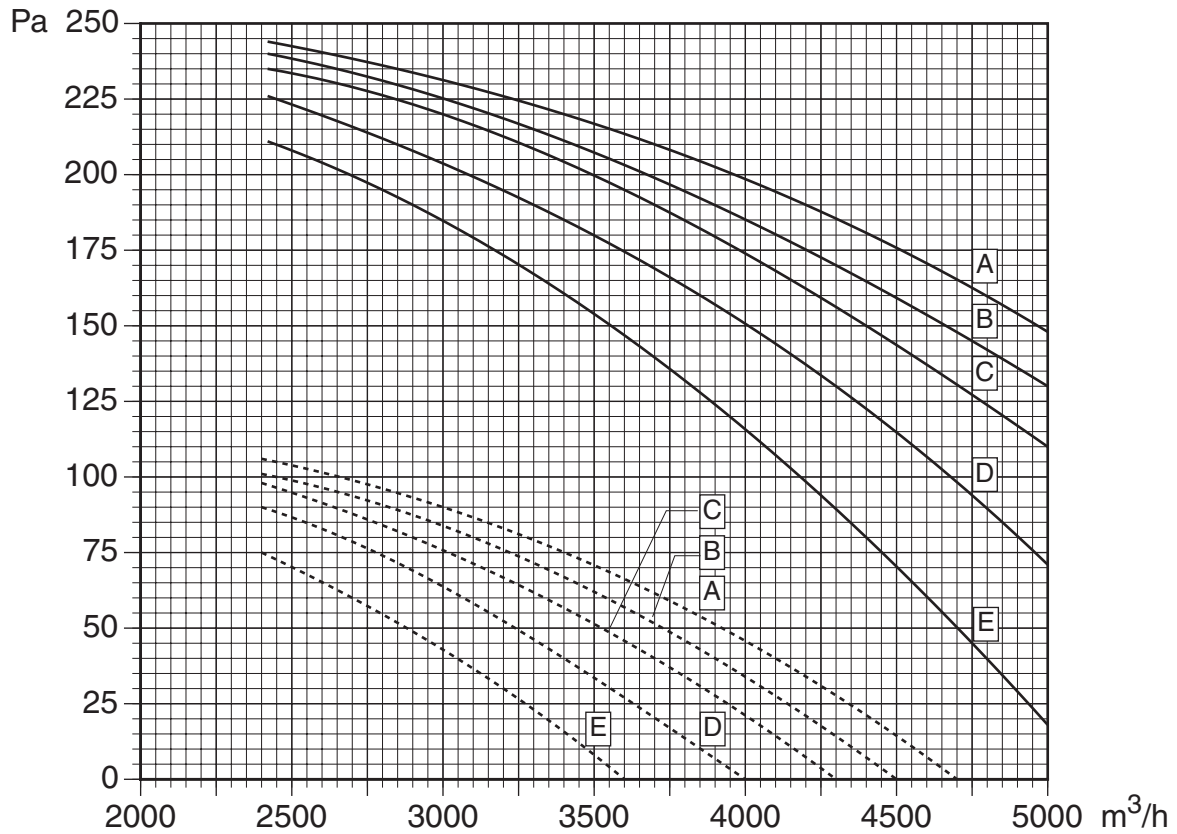
Maximum useful static pressure: 133 Pa
Minimum useful static pressure: 10 Pa

T 1

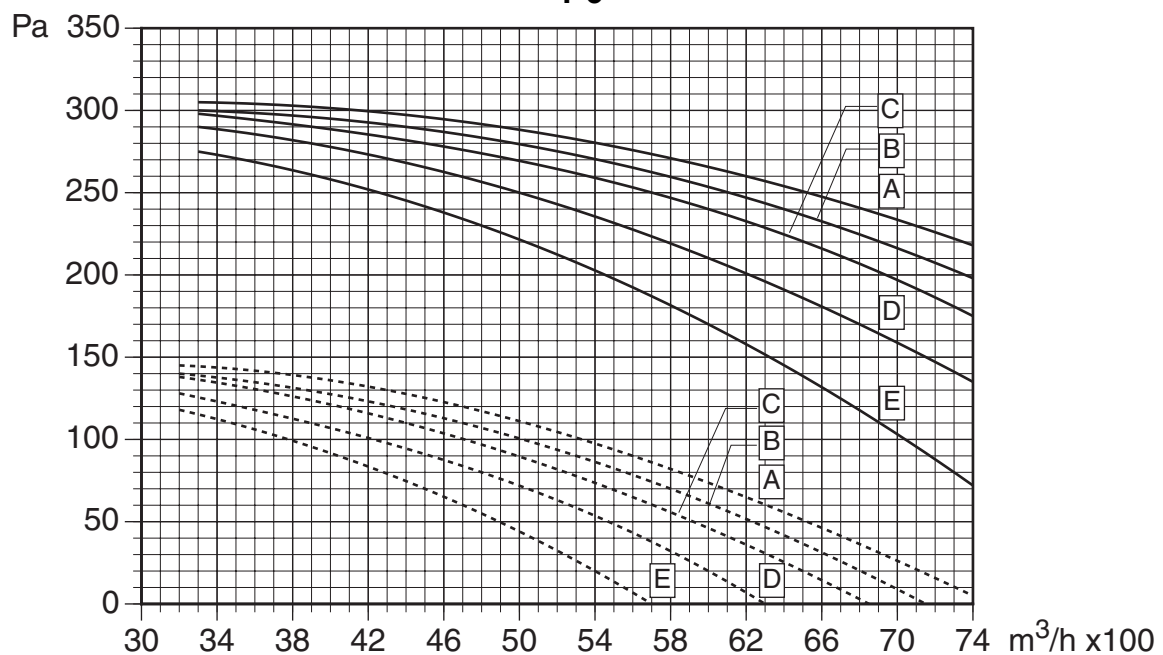


- A : filter + 2 row heat exchange coil**
- B : filter + 3 row heat exchange coil**
- C : filter + 4 row heat exchange coil**
- D : filter + 6 row heat exchange coil**
- E : filter + 6 + 3 row heat exchange coils**

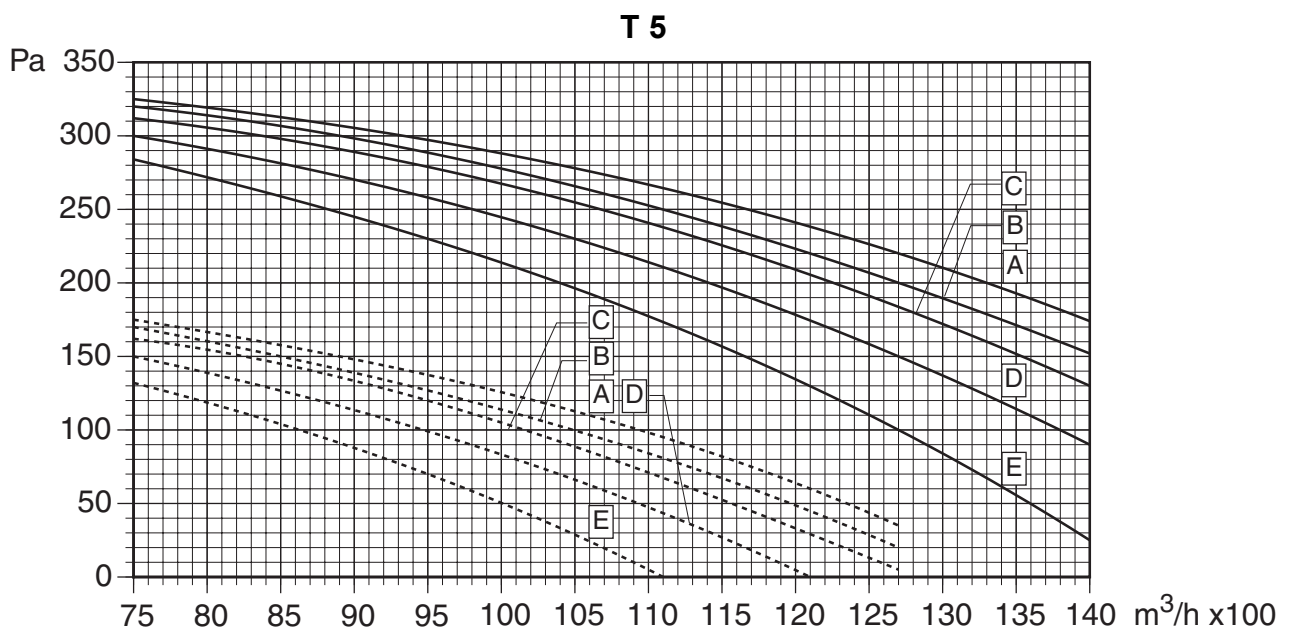
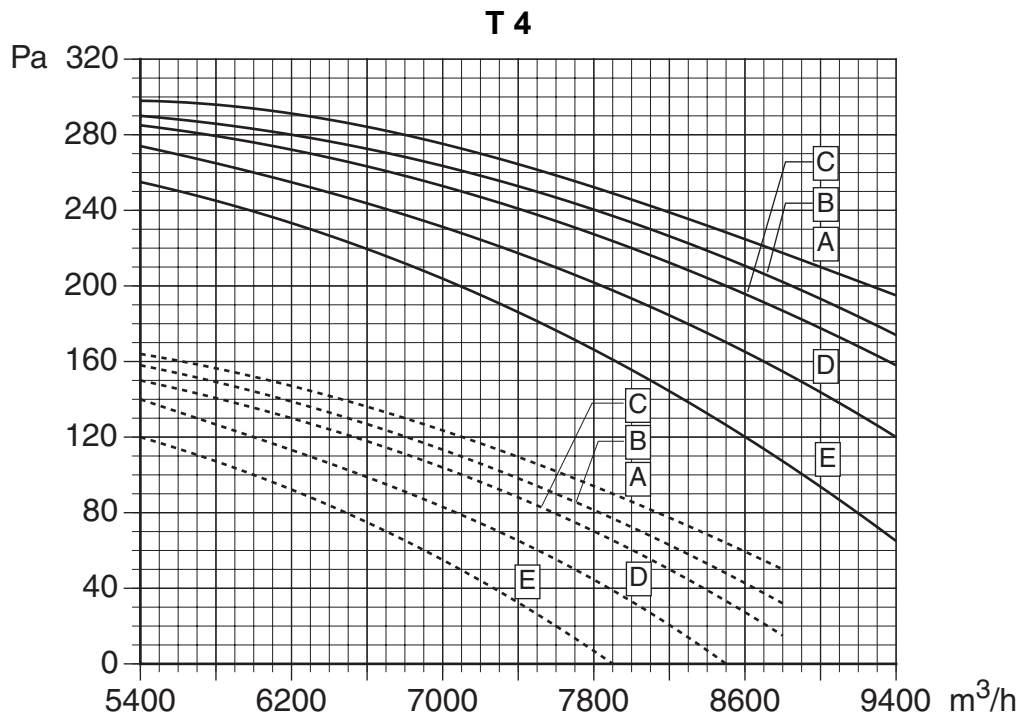
T 2



T 3

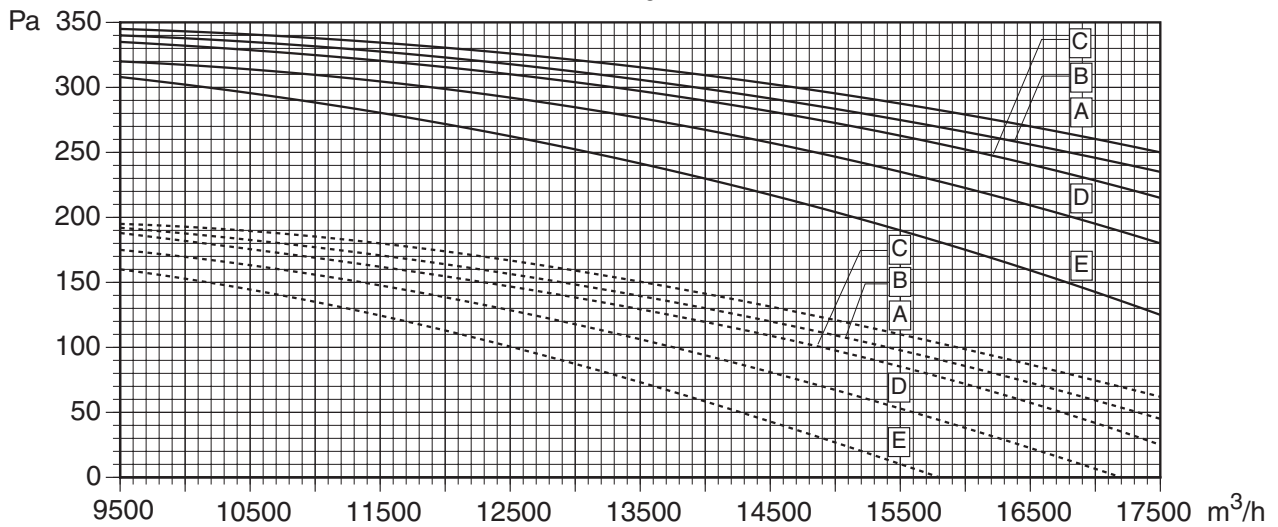


- A : filter + 2 row heat exchange coil**
- B : filter + 3 row heat exchange coil**
- C : filter + 4 row heat exchange coil**
- D : filter + 6 row heat exchange coil**
- E : filter + 6 + 3 row heat exchange coils**

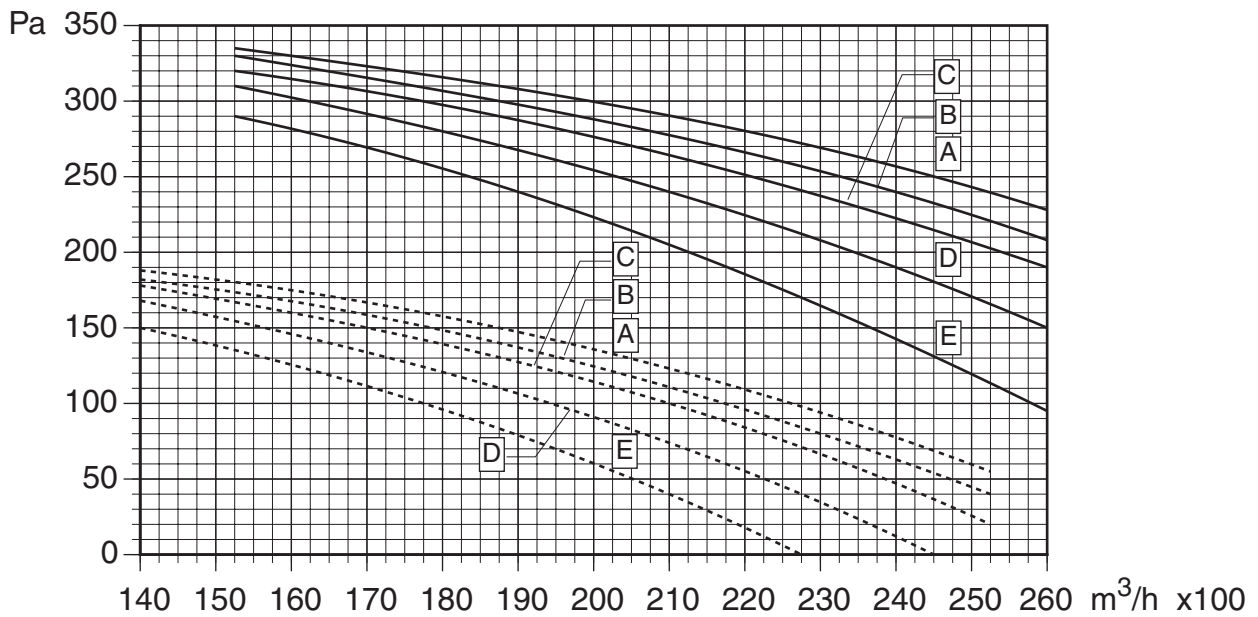


- A : filter + 2 row heat exchange coil**
- B : filter + 3 row heat exchange coil**
- C : filter + 4 row heat exchange coil**
- D : filter + 6 row heat exchange coil**
- E : filter + 6 + 3 row heat exchange coils**

T 6



T 7



14- CAPACITY OF NON-DUCTED UNITS

The following table shows the air flow of non-ducted T units, fitted with delivery plenum and air return panel (or mixing chamber with panel).

The values of the following configurations are given:

- A - 2 row coil + Filter
- B - 3 row coil + Filter
- C - 4 row coil + Filter
- D - 6 row coil (or 4 row coil + 2 row coil) + Filter
- E - 6 row coil + 3 row coil + Filter

Frame	Configuration	Air flow				
		A	B	C	D	E
T 1	Max.speed [l/s] [m ³ /h]	922 3320	894 3220	872 3140	831 2990	772 2780
	Min.speed [l/s] [m ³ /h]	667 2400	647 2330	636 2290	614 2210	581 2090
T 2	Max.speed [l/s] [m ³ /h]	1200 4320	1172 4220	1147 4130	1092 3930	1053 3790
	Min.speed [l/s] [m ³ /h]	836 3010	817 2940	800 2880	767 2760	731 2630
T 3	Max.speed [l/s] [m ³ /h]	1833 6600	1800 6480	1761 6340	1692 6090	1628 5860
	Min.speed [l/s] [m ³ /h]	1286 4630	1256 4520	1228 4420	1175 4230	1131 4070
T 4	Max.speed [l/s] [m ³ /h]	2125 7650	2089 7520	2056 7400	1989 7160	1928 6940
	Min.speed [l/s] [m ³ /h]	1636 5890	1611 5800	1586 5710	1536 5530	1497 5390
T 5	Max.speed [l/s] [m ³ /h]	3092 11130	3036 10930	2939 10580	2850 10260	2814 10130
	Min.speed [l/s] [m ³ /h]	2378 8560	2339 8420	2264 8150	2200 7920	2161 7780
T 6	Max.speed [l/s] [m ³ /h]	3939 14180	3875 13950	3819 13750	3703 13330	3556 12800
	Min.speed [l/s] [m ³ /h]	3056 11000	3006 10820	2958 10650	2875 10350	2775 9990
T 7	Max.speed [l/s] [m ³ /h]	5764 20750	5667 20400	5583 20100	5425 19530	5194 18700
	Min.speed [l/s] [m ³ /h]	4444 16000	4375 15750	4306 15500	4167 15000	4000 14400

N.B. Values taken with dry coils.

15- Heat exchange coils

Design:

- frames 1-2-3-4-5 : P2519
- frames 6-7: P6030.

Version

- Copper-aluminium

Type:

- water

Access:

Lateral removal after removal of screws securing coil to unit frame.

N.B. To invert the heating coil section and connections, simply rotate the entire section.

Condensate collection trays:

Made of peraluman with side drain.

Rows:

Coils are available with 2, 3, 4 and 6 rows.

Heating and cooling coils are identical, and may be housed in the cooling section (2-3-4-6 rows) or the heating section (2-3-4 rows).

Output:

Unit output in typical operating conditions are shown in the table, where:

TH	inlet and outlet water temperature [°C]
2.3.4.6 R	coil rows [no.]
PA	air flow [m ³ /h]
TIA	inlet air temperature [°C]
TUA	outlet air temperature [°C]
POT	heating power [kW]
VH	water speed in coil tubes [m/s]
PH	water flow [l/h]
DPH	load loss water side [kPa]
DPA	load loss air side [Pa]

T 1

Coil output during heating applications (water 80-70 °C)

TH 80/70		2 R							3 R						
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa		TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	
2400	-5	31.9	32.6	2874	1.44	11.1	17		43.8	43.13	3802	1.52	14.7	25	
2400	0	35	30.34	2674	1.34	9.8	17		46.3	40.1	3534	1.41	12.9	25	
2400	5	38	28.11	2478	1.24	8.6	17		48.6	37.11	3271	1.31	11.3	25	
2400	10	41	25.9	2283	1.14	7.4	17		50.8	34.16	3011	1.21	9.8	25	
2400	15	43.9	23.71	2090	1.05	6.4	17		53	31.26	2755	1.1	8.4	25	
2400	20	46.7	21.55	1899	0.95	5.4	17		55.2	28.39	2503	1	7.1	25	
2700	-5	30.4	35.19	3102	1.55	12.7	21		42.2	46.85	4130	1.65	17	31	
2700	0	33.6	32.76	2888	1.44	11.2	21		44.7	43.56	3840	1.54	15	31	
2700	5	36.7	30.35	2675	1.34	9.8	21		47.1	40.32	3554	1.42	13.1	31	
2700	10	39.7	27.97	2465	1.23	8.5	21		49.5	37.13	3272	1.31	11.3	31	
2700	15	42.7	25.61	2257	1.13	7.3	21		51.7	33.97	2995	1.2	9.7	31	
2700	20	45.6	23.27	2051	1.03	6.1	21		54	30.87	2721	1.09	8.2	31	
3000	-5	29.1	37.66	3320	1.66	14.3	25		40.7	50.41	4443	1.78	19.3	38	
3000	0	32.4	35.06	3091	1.55	12.6	25		43.3	46.88	4132	1.65	17	38	
3000	5	35.5	32.49	2864	1.43	11	25		45.8	43.4	3825	1.53	14.9	38	
3000	10	38.6	29.94	2639	1.32	9.6	25		48.2	39.96	3523	1.41	12.9	38	
3000	15	41.7	27.42	2417	1.21	8.2	25		50.6	36.58	3224	1.29	11	38	
3000	20	44.7	24.92	2196	1.1	6.9	25		52.9	33.23	2929	1.17	9.3	38	
3300	-5	28	40.03	3528	1.77	15.9	30		39.3	53.83	4745	1.9	21.7	45	
3300	0	31.3	37.27	3285	1.64	14	30		42	50.07	4413	1.77	19.1	45	
3300	5	34.5	34.54	3044	1.52	12.3	30		44.6	46.36	4086	1.64	16.7	45	
3300	10	37.7	31.83	2806	1.4	10.6	30		47.1	42.69	3763	1.51	14.4	45	
3300	15	40.8	29.15	2569	1.29	9.1	30		49.6	39.08	3444	1.38	12.4	45	
3300	20	43.9	26.49	2335	1.17	7.7	30		52	35.51	3130	1.25	10.5	45	
3600	-5	26.9	42.3	3729	1.87	17.5	35		38.1	57.12	5035	2.02	24	53	
3600	0	30.3	39.39	3472	1.74	15.4	35		40.9	53.14	4684	1.87	21.2	53	
3600	5	33.6	36.5	3217	1.61	13.5	35		43.5	49.2	4337	1.74	18.5	53	
3600	10	36.8	33.64	2965	1.48	11.7	35		46.1	45.32	3995	1.6	16	53	
3600	15	40	30.81	2716	1.36	10	35		48.7	41.49	3657	1.46	13.7	53	
3600	20	43.1	28	2468	1.24	8.5	35		51.1	37.7	3323	1.33	11.6	53	

TH 80/70		4 R							6 R						
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa		TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	
2400	-5	52.7	50.95	4491	1.5	15.9	34		64.2	61.13	5389	1.35	14.9	51	
2400	0	54.6	47.31	4170	1.39	14	34		65.4	56.67	4995	1.25	13	51	
2400	5	56.4	43.74	3855	1.29	12.2	34		66.4	52.31	4611	1.15	11.3	51	
2400	10	58.1	40.23	3546	1.18	10.5	34		67.5	48.05	4236	1.06	9.8	51	
2400	15	59.8	36.79	3243	1.08	9	34		68.4	43.89	3869	0.97	8.3	51	
2400	20	61.4	33.41	2945	0.98	7.6	34		69.3	39.83	3511	0.88	7	51	
2700	-5	51	55.64	4904	1.64	18.5	42		62.8	67.34	5935	1.48	17.6	63	
2700	0	53	51.68	4555	1.52	16.3	42		64	62.44	5503	1.38	15.4	63	
2700	5	54.9	47.79	4212	1.41	14.2	42		65.2	57.65	5081	1.27	13.4	63	
2700	10	56.7	43.97	3875	1.29	12.3	42		66.3	52.96	4669	1.17	11.6	63	
2700	15	58.5	40.21	3544	1.18	10.5	42		67.3	48.39	4265	1.07	9.9	63	
2700	20	60.2	36.51	3218	1.07	8.9	42		68.3	43.91	3871	0.97	8.3	63	
3000	-5	49.5	60.15	5302	1.77	21.2	51		61.4	73.35	6465	1.62	20.4	76	
3000	0	51.6	55.88	4925	1.64	18.7	51		62.8	68.02	5995	1.5	17.9	76	
3000	5	53.6	51.68	4555	1.52	16.3	51		64	62.81	5537	1.39	15.6	76	
3000	10	55.5	47.55	4192	1.4	14.1	51		65.2	57.72	5088	1.27	13.4	76	
3000	15	57.3	43.49	3834	1.28	12	51		66.3	52.74	4649	1.16	11.5	76	
3000	20	59.1	39.5	3482	1.16	10.2	51		67.4	47.86	4219	1.06	9.7	76	
3300	-5	48.1	64.49	5685	1.9	24	60		60.2	79.18	6979	1.75	23.4	91	
3300	0	50.3	59.92	5282	1.76	21.1	60		61.6	73.44	6474	1.62	20.5	91	
3300	5	52.4	55.43	4886	1.63	18.4	60		62.9	67.83	5979	1.5	17.8	91	
3300	10	54.4	51.01	4496	1.5	15.9	60		64.2	62.34	5495	1.37	15.4	91	
3300	15	56.3	46.66	4113	1.37	13.6	60		65.4	56.97	5021	1.26	13.1	91	
3300	20	58.2	42.38	3736	1.25	11.5	60		66.6	51.71	4557	1.14	11.1	91	
3600	-5	46.9	68.69	6055	2.02	26.8	71		59.1	84.84	7479	1.87	26.4	107	
3600	0	49.1	63.83	5627	1.88	23.6	71		60.5	78.71	6938	1.74	23.1	107	
3600	5	51.2	59.06	5206	1.74	20.6	71		61.9	72.71	6409	1.6	20.1	107	
3600	10	53.3	54.36	4791	1.6	17.8	71		63.3	66.84	5891	1.47	17.4	107	
3600	15	55.3	49.73	4383	1.46	15.2	71		64.6	61.08	5384	1.35	14.8	107	
3600	20	57.3	45.17	3982	1.33	12.9	71		65.8	55.44	4887	1.22	12.5	107	

T 1

Coil output during heating applications (water 70-60 °C)

TH 70/60		2 R						3R					
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
2400	-5	26.9	28.21	2471	1.24	8.9	17	37.4	37.44	3279	1.31	11.8	25
2400	0	30	25.98	2275	1.14	7.7	17	39.7	34.45	3018	1.21	10.2	25
2400	5	32.9	23.77	2082	1.04	6.6	17	42	31.51	2759	1.1	8.8	25
2400	10	35.8	21.59	1891	0.95	5.6	17	44.2	28.61	2506	1	7.4	25
2400	15	38.6	19.43	1702	0.85	4.6	17	46.3	25.75	2255	0.9	6.2	25
2400	20	41.4	17.29	1515	0.76	3.8	17	48.4	22.93	2008	0.8	5	25
2700	-5	25.6	30.44	2666	1.33	10.2	21	35.9	40.66	3561	1.43	13.7	31
2700	0	28.7	28.04	2456	1.23	8.8	21	38.4	37.42	3277	1.31	11.8	31
2700	5	31.8	25.66	2247	1.12	7.5	21	40.7	34.22	2997	1.2	10.1	31
2700	10	34.8	23.3	2041	1.02	6.4	21	43	31.07	2721	1.09	8.5	31
2700	15	37.7	20.97	1837	0.92	5.3	21	45.3	27.97	2450	0.98	7.1	31
2700	20	40.5	18.66	1635	0.82	4.3	21	47.4	24.91	2182	0.87	5.8	31
3000	-5	24.5	32.57	2853	1.43	11.4	25	34.6	43.73	3830	1.53	15.5	38
3000	0	27.7	30	2628	1.31	9.9	25	37.1	40.25	3525	1.41	13.4	38
3000	5	30.8	27.46	2405	1.2	8.5	25	39.6	36.82	3225	1.29	11.5	38
3000	10	33.9	24.94	2184	1.09	7.2	25	42	33.44	2928	1.17	9.7	38
3000	15	36.8	22.44	1966	0.98	6	25	44.3	30.1	2636	1.06	8.1	38
3000	20	39.8	19.97	1749	0.88	4.9	25	46.5	26.8	2347	0.94	6.6	38
3300	-5	23.5	34.61	3031	1.52	12.7	30	33.4	46.68	4089	1.64	17.4	45
3300	0	26.7	31.88	2792	1.4	11	30	36.1	42.97	3764	1.51	15.1	45
3300	5	29.9	29.18	2555	1.28	9.4	30	38.6	39.31	3443	1.38	12.9	45
3300	10	33	26.5	2321	1.16	8	30	41	35.7	3127	1.25	10.9	45
3300	15	36.1	23.85	2089	1.05	6.6	30	43.4	32.14	2815	1.13	9.1	45
3300	20	39.1	21.22	1859	0.93	5.4	30	45.8	28.62	2507	1	7.4	45
3600	-5	22.6	36.56	3202	1.6	14	35	32.4	49.53	4338	1.74	19.3	53
3600	0	25.9	33.68	2950	1.48	12.1	35	35.1	45.6	3993	1.6	16.7	53
3600	5	29.1	30.83	2700	1.35	10.4	35	37.7	41.72	3654	1.46	14.3	53
3600	10	32.3	28	2452	1.23	8.8	35	40.2	37.89	3318	1.33	12.1	53
3600	15	35.4	25.2	2207	1.1	7.3	35	42.7	34.1	2987	1.2	10.1	53
3600	20	38.5	22.43	1964	0.98	6	35	45.1	30.37	2660	1.06	8.2	53

TH 70/60		4 R						6R					
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
2400	-5	45.2	44.32	3882	1.29	12.9	34	55.4	53.36	4674	1.17	12.1	51
2400	0	47	40.75	3569	1.19	11.1	34	56.5	49	4291	1.07	10.4	51
2400	5	48.8	37.25	3262	1.09	9.5	34	57.5	44.73	3918	0.98	8.9	51
2400	10	50.4	33.8	2961	0.99	8	34	58.5	40.57	3553	0.89	7.5	51
2400	15	52	30.42	2664	0.89	6.7	34	59.4	36.5	3197	0.8	6.2	51
2400	20	53.5	27.09	2373	0.79	5.4	34	60.3	32.51	2848	0.71	5.1	51
2700	-5	43.7	48.39	4238	1.41	15	42	54.1	58.75	5146	1.29	14.3	63
2700	0	45.6	44.5	3897	1.3	12.9	42	55.3	53.95	4725	1.18	12.3	63
2700	5	47.5	40.67	3562	1.19	11.1	42	56.4	49.27	4315	1.08	10.5	63
2700	10	49.2	36.92	3233	1.08	9.3	42	57.5	44.68	3914	0.98	8.9	63
2700	15	50.9	33.22	2910	0.97	7.8	42	58.5	40.2	3521	0.88	7.4	63
2700	20	52.6	29.59	2592	0.86	6.3	42	59.4	35.81	3137	0.78	6	63
3000	-5	42.4	52.29	4580	1.53	17.2	51	52.9	63.97	5603	1.4	16.6	76
3000	0	44.4	48.09	4212	1.4	14.8	51	54.2	58.75	5146	1.29	14.3	76
3000	5	46.3	43.96	3851	1.28	12.7	51	55.4	53.65	4699	1.18	12.2	76
3000	10	48.2	39.91	3495	1.17	10.7	51	56.6	48.67	4262	1.07	10.3	76
3000	15	50	35.92	3146	1.05	8.9	51	57.6	43.78	3835	0.96	8.6	76
3000	20	51.7	31.99	2802	0.93	7.3	51	58.6	39	3416	0.85	7	76
3300	-5	41.2	56.05	4909	1.64	19.4	60	51.8	69.02	6046	1.51	19	91
3300	0	43.3	51.56	4515	1.51	16.7	60	53.2	63.41	5554	1.39	16.4	91
3300	5	45.3	47.14	4128	1.38	14.3	60	54.5	57.91	5072	1.27	14	91
3300	10	47.2	42.79	3748	1.25	12.1	60	55.7	52.53	4601	1.15	11.8	91
3300	15	49.1	38.51	3373	1.13	10.1	60	56.8	47.26	4140	1.04	9.8	91
3300	20	50.9	34.3	3004	1	8.2	60	57.9	42.1	3688	0.92	8	91
3600	-5	40.1	59.68	5227	1.74	21.6	71	50.8	73.94	6476	1.62	21.4	107
3600	0	42.2	54.9	4809	1.6	18.7	71	52.2	67.93	5950	1.49	18.5	107
3600	5	44.3	50.2	4397	1.47	16	71	53.6	62.05	5435	1.36	15.8	107
3600	10	46.3	45.58	3992	1.33	13.5	71	54.9	56.29	4930	1.23	13.3	107
3600	15	48.3	41.02	3593	1.2	11.2	71	56.1	50.65	4436	1.11	11	107
3600	20	50.2	36.53	3200	1.07	9.2	71	57.2	45.12	3952	0.99	9	107

T 1

Coil output during heating applications (water 50-45 °C)

TH 50/45		2 R						3 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
2400	-5	19.1	21.25	3690	1.85	19.5	17	26.8	28.1	4879	1.95	25.8	25
2400	0	22	19.05	3308	1.66	16.1	17	29	25.17	4371	1.75	21.3	25
2400	5	24.8	16.88	2931	1.47	13	17	31.2	22.3	3871	1.55	17.2	25
2400	10	27.6	14.73	2557	1.28	10.3	17	33.3	19.46	3379	1.35	13.6	25
2400	15	30.3	12.61	2188	1.09	7.8	17	35.3	16.66	2893	1.16	10.3	25
2400	20	33	10.51	1824	0.91	5.7	17	37.2	13.91	2416	0.97	7.5	25
2700	-5	18.1	22.94	3983	1.99	22.3	21	25.7	30.53	5300	2.12	29.8	31
2700	0	21.1	20.57	3572	1.79	18.4	21	28	27.35	4749	1.9	24.6	31
2700	5	24	18.23	3164	1.58	14.9	21	30.3	24.23	4207	1.68	19.9	31
2700	10	26.9	15.91	2762	1.38	11.7	21	32.5	21.15	3672	1.47	15.7	31
2700	15	29.7	13.61	2363	1.18	8.9	21	34.6	18.11	3144	1.26	12	31
2700	20	32.5	11.34	1969	0.99	6.5	21	36.6	15.12	2625	1.05	8.7	31
3000	-5	17.2	24.55	4263	2.13	25.1	25	24.8	32.85	5703	2.28	33.9	38
3000	0	20.3	22.02	3823	1.91	20.7	25	27.2	29.44	5111	2.05	28	38
3000	5	23.3	19.51	3387	1.69	16.8	25	29.5	26.08	4528	1.81	22.6	38
3000	10	26.3	17.03	2956	1.48	13.2	25	31.8	22.76	3952	1.58	17.8	38
3000	15	29.2	14.57	2529	1.27	10.1	25	34	19.49	3384	1.35	13.6	38
3000	20	32	12.14	2107	1.05	7.3	25	36.1	16.27	2825	1.13	9.9	38
3300	-5	16.5	26.1	4531	2.27	27.9	30	23.9	35.08	6091	2.44	38	45
3300	0	19.6	23.4	4063	2.03	23.1	30	26.4	31.44	5459	2.19	31.4	45
3300	5	22.7	20.74	3600	1.8	18.7	30	28.8	27.85	4836	1.94	25.4	45
3300	10	25.7	18.1	3142	1.57	14.7	30	31.1	24.31	4221	1.69	20	45
3300	15	28.7	15.48	2688	1.35	11.2	30	33.4	20.82	3615	1.45	15.3	45
3300	20	31.6	12.9	2240	1.12	8.1	30	35.6	17.38	3017	1.21	11.1	45
3600	-5	15.8	27.58	4788	2.4	30.7	35	23.1	37.23	6464	2.59	42.2	53
3600	0	19	24.73	4294	2.15	25.4	35	25.7	33.37	5794	2.32	34.9	53
3600	5	22.2	21.92	3805	1.9	20.6	35	28.2	29.56	5133	2.05	28.2	53
3600	10	25.2	19.13	3321	1.66	16.2	35	30.6	25.81	4481	1.79	22.2	53
3600	15	28.3	16.37	2841	1.42	12.3	35	32.9	22.1	3837	1.54	16.9	53
3600	20	31.3	13.63	2367	1.18	9	35	35.2	18.44	3202	1.28	12.3	53

TH 50/45		4 R						6 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
2400	-5	32.6	33.17	5758	1.92	27.8	34	40	39.74	6899	1.73	26	51
2400	0	34.2	29.69	5154	1.72	22.9	34	41	35.53	6168	1.54	21.4	51
2400	5	35.9	26.28	4562	1.52	18.5	34	41.9	31.42	5455	1.36	17.2	51
2400	10	37.4	22.93	3981	1.33	14.6	34	42.8	27.41	4758	1.19	13.6	51
2400	15	38.9	19.65	3411	1.14	11.1	34	43.6	23.49	4078	1.02	10.4	51
2400	20	40.3	16.42	2851	0.95	8.1	34	44.3	19.66	3413	0.85	7.6	51
2700	-5	31.5	36.23	6290	2.1	32.5	42	39.1	43.78	7601	1.9	30.8	63
2700	0	33.3	32.44	5632	1.88	26.8	42	40.1	39.15	6797	1.7	25.3	63
2700	5	35	28.72	4986	1.66	21.6	42	41.2	34.63	6011	1.5	20.4	63
2700	10	36.6	25.06	4351	1.45	17.1	42	42.1	30.2	5244	1.31	16.1	63
2700	15	38.2	21.47	3727	1.24	13	42	43	25.88	4494	1.12	12.3	63
2700	20	39.7	17.94	3114	1.04	9.5	42	43.8	21.66	3761	0.94	9	63
3000	-5	30.5	39.17	6801	2.27	37.3	51	38.2	47.7	8281	2.07	35.8	76
3000	0	32.4	35.08	6090	2.03	30.7	51	39.4	42.66	7406	1.85	29.4	76
3000	5	34.2	31.05	5392	1.8	24.8	51	40.5	37.73	6551	1.64	23.7	76
3000	10	35.9	27.1	4706	1.57	19.6	51	41.5	32.92	5715	1.43	18.7	76
3000	15	37.6	23.22	4031	1.34	14.9	51	42.5	28.21	4897	1.23	14.3	76
3000	20	39.2	19.4	3367	1.12	10.9	51	43.4	23.6	4097	1.02	10.4	76
3300	-5	29.6	42	7293	2.43	42.1	60	37.4	51.5	8940	2.24	40.9	91
3300	0	31.6	37.62	6532	2.18	34.7	60	38.6	46.06	7997	2	33.6	91
3300	5	33.5	33.31	5783	1.93	28.1	60	39.8	40.75	7074	1.77	27.1	91
3300	10	35.3	29.07	5047	1.68	22.1	60	40.9	35.55	6171	1.54	21.4	91
3300	15	37	24.9	4324	1.44	16.9	60	42	30.46	5288	1.32	16.3	91
3300	20	38.7	20.8	3612	1.2	12.3	60	42.9	25.48	4423	1.11	11.9	91
3600	-5	28.8	44.74	7768	2.59	47	71	36.7	55.19	9581	2.4	46.2	107
3600	0	30.8	40.08	6958	2.32	38.8	71	38	49.37	8573	2.14	38	107
3600	5	32.8	35.49	6162	2.06	31.4	71	39.2	43.68	7584	1.9	30.7	107
3600	10	34.7	30.97	5378	1.79	24.7	71	40.4	38.11	6617	1.66	24.2	107
3600	15	36.5	26.53	4607	1.54	18.8	71	41.5	32.65	5668	1.42	18.4	107
3600	20	38.3	22.16	3848	1.28	13.8	71	42.5	27.31	4741	1.19	13.5	107

T 1

Coil output during cooling applications (water 7-12 °C)

TH	7°	12°	2 R								3 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
2400	22	50	17.1	68	3.93	676	0.3	1	17	1	15.2	77	5.46	939	0.4	2	25	1
2400	24	50	18.1	72	4.72	812	0.4	2	17	1	16.2	78	6.98	1201	0.5	3	37	0.89
2400	26	50	19.4	70	6.71	1154	0.6	3	25	0.78	17	78	9.57	1647	0.7	5	37	0.75
2400	28	50	20.4	70	8.81	1514	0.8	5	25	0.68	17.7	77	12.33	2122	0.9	7	37	0.65
2400	30	50	21.5	69	11.05	1900	1	8	25	0.6	18.5	77	15.27	2626	1.1	11	37	0.59
2400	32	50	22.6	69	13.46	2315	1.2	11	25	0.54	19.3	77	18.4	3165	1.3	15	37	0.53
2700	22	50	17.3	67	4.22	726	0.4	1	21	1	15.5	75	5.9	1016	0.4	2	31	1
2700	24	50	18.3	71	5.07	873	0.4	2	21	1	16.5	77	7.51	1292	0.5	3	46	0.89
2700	26	50	19.6	69	7.19	1237	0.6	4	31	0.79	17.3	76	10.32	1776	0.7	5	46	0.75
2700	28	50	20.8	69	9.45	1625	0.8	6	31	0.68	18.1	76	13.32	2292	0.9	9	46	0.66
2700	30	50	21.9	69	11.87	2043	1	9	31	0.6	18.9	76	16.52	2841	1.1	12	46	0.59
2700	32	50	23	68	14.48	2491	1.3	12	31	0.54	19.8	75	19.93	3428	1.4	17	46	0.54
3000	22	50	17.5	66	4.5	774	0.4	2	25	1	15.7	74	6.32	1088	0.4	2	38	1
3000	24	50	18.6	70	5.41	931	0.5	2	25	1	16.8	76	8.01	1378	0.6	4	56	0.9
3000	26	50	19.9	68	7.64	1314	0.7	4	37	0.79	17.6	75	11.04	1899	0.8	6	56	0.75
3000	28	50	21	68	10.06	1730	0.9	6	37	0.68	18.4	75	14.26	2453	1	10	56	0.66
3000	30	50	22.2	68	12.66	2178	1.1	10	37	0.6	19.3	75	17.71	3045	1.2	14	56	0.59
3000	32	50	23.4	68	15.46	2659	1.3	14	37	0.54	20.2	74	21.4	3680	1.5	20	56	0.54

TH	7°	12°	4 R								6 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
2400	22	50	13.7	84	6.65	1144	0.4	2	34	1	11.6	97	8.31	1429	0.4	2	51	1
2400	24	50	14.6	84	8.77	1509	0.5	3	50	0.85	12.5	92	11.41	1963	0.5	4	75	0.8
2400	26	50	15.1	83	11.83	2036	0.7	6	50	0.73	12.6	91	15.07	2593	0.7	6	75	0.7
2400	28	50	15.7	83	15.07	2592	0.9	9	50	0.64	12.8	91	18.91	3252	0.8	9	75	0.63
2400	30	50	16.2	83	18.49	3181	1.1	12	50	0.58	13.1	91	22.92	3942	1	12	75	0.58
2400	32	50	16.8	83	22.14	3808	1.3	17	50	0.53	13.3	91	27.19	4676	1.2	16	75	0.53
2700	22	50	14	83	7.22	1242	0.4	2	42	1	11.9	95	9.1	1565	0.4	2	63	1
2700	24	50	14.9	83	9.48	1631	0.5	4	62	0.86	12.8	91	12.43	2138	0.5	4	93	0.81
2700	26	50	15.5	82	12.84	2208	0.7	6	62	0.73	13	90	16.46	2833	0.7	7	93	0.7
2700	28	50	16.1	82	16.36	2814	0.9	10	62	0.65	13.2	90	20.69	3559	0.9	10	93	0.63
2700	30	50	16.6	82	20.11	3460	1.2	14	62	0.58	13.5	90	25.13	4323	1.1	14	93	0.58
2700	32	50	17.3	81	24.1	4147	1.4	20	62	0.53	13.7	90	30.02	5164	1.3	19	93	0.53
3000	22	50	14.2	81	7.77	1337	0.5	3	51	1	12.2	93	9.86	1696	0.4	3	76	1
3000	24	50	15.2	82	10.16	1747	0.6	4	75	0.86	13	90	13.4	2306	0.6	5	113	0.82
3000	26	50	15.8	81	13.78	2370	0.8	7	75	0.73	13.3	90	17.8	3063	0.8	8	113	0.71
3000	28	50	16.4	81	17.6	3027	1	11	75	0.65	13.5	89	22.41	3854	1	12	113	0.63
3000	30	50	17	81	21.66	3725	1.2	16	75	0.58	13.8	89	27.26	4690	1.2	16	113	0.58
3000	32	50	17.7	80	26	4471	1.5	22	75	0.53	14.2	89	32.41	5576	1.4	22	113	0.53

T 1

Coil output in cooling applications (water 5-10 °C)

TH	5°	10°	2 R								3 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
2400	22	50	16.4	70	4.77	820	0.4	2	25	0.95	14.3	78	6.96	1198	0.5	3	37	0.89
2400	24	50	17.4	70	6.59	1134	0.6	3	25	0.79	15.1	77	9.4	1617	0.7	5	37	0.76
2400	26	50	18.5	69	8.55	1471	0.7	5	25	0.69	15.8	77	11.97	2060	0.8	7	37	0.67
2400	28	50	19.6	69	10.65	1832	0.9	7	25	0.62	16.6	76	14.72	2531	1	10	37	0.61
2400	30	50	20.7	69	12.9	2219	1.1	10	25	0.56	17.4	76	17.64	3035	1.2	14	37	0.56
2400	32	50	21.9	69	15.32	2634	1.3	14	25	0.51	18.3	76	20.78	3574	1.4	19	37	0.51
2700	22	50	16.4	71	5.04	867	0.4	2	21	1	14.6	77	7.49	1288	0.5	3	46	0.89
2700	24	50	17.7	69	7.06	1215	0.6	4	31	0.8	15.4	76	10.13	1742	0.7	5	46	0.76
2700	26	50	18.9	69	9.18	1579	0.8	6	31	0.69	16.2	76	12.94	2225	0.9	8	46	0.67
2700	28	50	20	68	11.45	1969	1	8	31	0.62	17.1	75	15.92	2738	1.1	12	46	0.61
2700	30	50	21.1	68	13.88	2387	1.2	11	31	0.56	17.9	75	19.11	3286	1.3	16	46	0.56
2700	32	50	22.3	68	16.5	2837	1.4	16	31	0.51	18.8	75	22.53	3874	1.6	22	46	0.51
3000	22	50	16.6	70	5.37	924	0.5	2	25	1	14.9	76	7.99	1374	0.6	4	56	0.9
3000	24	50	18	68	7.51	1292	0.7	4	37	0.8	15.7	75	10.83	1863	0.8	6	56	0.76
3000	26	50	19.1	68	9.78	1681	0.8	6	37	0.7	16.6	75	13.85	2382	1	9	56	0.67
3000	28	50	20.3	67	12.2	2099	1.1	9	37	0.62	17.4	74	17.07	2935	1.2	13	56	0.61
3000	30	50	21.5	67	14.81	2547	1.3	13	37	0.56	18.3	74	20.51	3527	1.4	18	56	0.56
3000	32	50	22.7	67	17.62	3030	1.5	17	37	0.51	19.2	74	24.2	4161	1.7	25	56	0.51

TH	5°	10°	4 R								6 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
2400	22	50	12.7	84	8.73	1502	0.5	3	50	0.85	10.5	91	11.33	1949	0.5	4	75	0.81
2400	24	50	13.2	83	11.6	1995	0.7	6	50	0.74	10.7	91	14.76	2538	0.6	6	75	0.72
2400	26	50	13.8	83	14.62	2516	0.8	8	50	0.66	11	91	18.15	3122	0.8	8	75	0.65
2400	28	50	14.3	82	17.83	3066	1	12	50	0.6	11.2	91	22.11	3802	1	12	75	0.6
2400	30	50	14.9	82	21.23	3652	1.2	16	50	0.56	11.4	90	26.09	4486	1.1	15	75	0.56
2400	32	50	15.5	82	24.86	4276	1.4	21	50	0.52	11.7	90	30.31	5213	1.3	20	75	0.52
2700	22	50	13	82	9.44	1624	0.5	4	62	0.86	10.8	90	12.34	2123	0.5	4	93	0.82
2700	24	50	13.6	82	12.58	2164	0.7	6	62	0.74	11.1	90	16.12	2773	0.7	7	93	0.72
2700	26	50	14.2	82	15.88	2732	0.9	10	62	0.66	11.3	90	20.08	3453	0.9	10	93	0.65
2700	28	50	14.8	81	19.39	3335	1.1	14	62	0.6	11.6	90	24.27	4173	1	14	93	0.6
2700	30	50	15.4	81	23.12	3976	1.3	18	62	0.56	11.9	89	28.64	4925	1.2	18	93	0.56
2700	32	50	16	81	27.1	4661	1.6	24	62	0.52	12.2	89	33.31	5729	1.4	24	93	0.52
3000	22	50	13.3	81	10.11	1740	0.6	4	75	0.86	11.1	90	13.35	2296	0.6	5	113	0.82
3000	24	50	13.9	81	13.51	2324	0.8	7	75	0.74	11.4	89	17.43	2999	0.8	8	113	0.72
3000	26	50	14.5	80	17.08	2938	1	11	75	0.66	11.6	89	21.75	3740	0.9	11	113	0.65
3000	28	50	15.2	80	20.88	3591	1.2	15	75	0.6	11.9	89	26.29	4521	1.1	16	113	0.6
3000	30	50	15.8	80	24.93	4286	1.4	21	75	0.56	12.3	88	31.1	5348	1.3	21	113	0.56
3000	32	50	16.5	80	29.24	5030	1.7	28	75	0.51	12.5	88	36.48	6275	1.6	28	113	0.52

T 2

Coil output in heating applications (water 80-70 °C)

TH 80/70		2 R						3 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
3200	-5	32	43.54	3838	1.92	22.5	17	43.6	57.25	5046	1.68	17.8	26
3200	0	35.1	40.54	3574	1.79	19.8	17	46.1	53.23	4692	1.57	15.7	26
3200	5	38.1	37.58	3313	1.66	17.4	17	48.4	49.27	4343	1.45	13.7	26
3200	10	41.1	34.65	3054	1.53	15.1	17	50.7	45.37	3999	1.33	11.9	26
3200	15	44	31.75	2799	1.4	12.9	17	52.9	41.52	3660	1.22	10.2	26
3200	20	46.8	28.88	2546	1.27	11	17	55	37.73	3326	1.11	8.6	26
3600	-5	30.5	47	4143	2.07	25.7	22	41.9	62.18	5481	1.83	20.6	33
3600	0	33.7	43.78	3859	1.93	22.7	22	44.5	57.83	5097	1.7	18.2	33
3600	5	36.8	40.58	3577	1.79	19.9	22	46.9	53.54	4719	1.57	15.9	33
3600	10	39.8	37.42	3299	1.65	17.2	22	49.3	49.3	4346	1.45	13.7	33
3600	15	42.8	34.29	3023	1.51	14.8	22	51.6	45.13	3978	1.33	11.8	33
3600	20	45.7	31.2	2750	1.38	12.5	22	53.8	41.01	3615	1.21	10	33
4000	-5	29.2	50.3	4434	2.22	28.9	26	40.5	66.9	5897	1.97	23.4	40
4000	0	32.4	46.86	4130	2.07	25.6	26	43.1	62.22	5485	1.83	20.6	40
4000	5	35.6	43.45	3829	1.92	22.4	26	45.6	57.62	5078	1.69	18	40
4000	10	38.7	40.07	3532	1.77	19.4	26	48.1	53.07	4678	1.56	15.6	40
4000	15	41.8	36.72	3237	1.62	16.7	26	50.5	48.58	4282	1.43	13.4	40
4000	20	44.8	33.41	2944	1.47	14.1	26	52.8	44.15	3892	1.3	11.3	40
4400	-5	28	53.46	4712	2.36	32.2	31	39.1	71.43	6296	2.1	26.3	47
4400	0	31.3	49.81	4390	2.2	28.4	31	41.8	66.45	5857	1.95	23.2	47
4400	5	34.6	46.19	4071	2.04	24.9	31	44.4	61.53	5424	1.81	20.2	47
4400	10	37.8	42.6	3755	1.88	21.6	31	47	56.68	4996	1.67	17.5	47
4400	15	40.9	39.04	3441	1.72	18.6	31	49.4	51.9	4574	1.53	15	47
4400	20	44	35.52	3131	1.57	15.7	31	51.9	47.17	4158	1.39	12.7	47
4800	-5	27	56.5	4980	2.49	35.5	37	37.9	75.79	6680	2.23	29.2	56
4800	0	30.4	52.64	4640	2.32	31.3	37	40.7	70.52	6216	2.07	25.7	56
4800	5	33.7	48.82	4303	2.15	27.4	37	43.4	65.31	5757	1.92	22.5	56
4800	10	36.9	45.03	3969	1.99	23.8	37	46	60.17	5304	1.77	19.5	56
4800	15	40.1	41.27	3638	1.82	20.5	37	48.5	55.09	4856	1.62	16.7	56
4800	20	43.2	37.55	3310	1.66	17.3	37	51	50.08	4414	1.47	14.1	56

TH 80/70		4 R						6 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
3200	-5	52.3	67.47	5947	1.49	14.4	35	63.7	80.89	7130	1.19	9.7	53
3200	0	54.2	62.65	5523	1.38	12.6	35	64.9	74.97	6609	1.1	8.5	53
3200	5	56	57.92	5105	1.28	11	35	66	69.2	6100	1.02	7.4	53
3200	10	57.8	53.28	4696	1.17	9.5	35	67	63.55	5602	0.93	6.4	53
3200	15	59.5	48.72	4294	1.07	8.1	35	68	58.04	5116	0.85	5.4	53
3200	20	61.1	44.24	3900	0.98	6.9	35	68.9	52.65	4641	0.77	4.6	53
3600	-5	50.6	73.67	6493	1.62	16.8	44	62.2	89.06	7850	1.31	11.5	66
3600	0	52.6	68.42	6031	1.51	14.7	44	63.5	82.57	7278	1.21	10.1	66
3600	5	54.5	63.27	5577	1.4	12.8	44	64.7	76.22	6719	1.12	8.8	66
3600	10	56.4	58.21	5131	1.28	11.1	44	65.8	70.02	6172	1.03	7.5	66
3600	15	58.2	53.23	4692	1.17	9.5	44	66.9	63.95	5637	0.94	6.4	66
3600	20	59.9	48.34	4261	1.07	8	44	67.9	58.02	5114	0.85	5.4	66
4000	-5	49.1	79.62	7018	1.76	19.2	53	60.9	96.97	8547	1.43	13.3	80
4000	0	51.2	73.97	6520	1.63	16.9	53	62.2	89.92	7926	1.32	11.7	80
4000	5	53.2	68.41	6030	1.51	14.7	53	63.5	83.03	7318	1.22	10.2	80
4000	10	55.2	62.94	5548	1.39	12.7	53	64.7	76.28	6724	1.12	8.8	80
4000	15	57	57.57	5075	1.27	10.9	53	65.9	69.68	6142	1.02	7.5	80
4000	20	58.8	52.28	4609	1.15	9.2	53	67	63.22	5573	0.93	6.3	80
4400	-5	47.7	85.35	7523	1.88	21.7	63	59.6	104.65	9224	1.54	15.2	95
4400	0	49.9	79.31	6991	1.75	19.1	63	61.1	97.06	8554	1.43	13.4	95
4400	5	52	73.36	6466	1.62	16.6	63	62.4	89.63	7900	1.32	11.6	95
4400	10	54	67.51	5951	1.49	14.4	63	63.7	82.36	7259	1.21	10	95
4400	15	56	61.75	5443	1.36	12.3	63	64.9	75.24	6632	1.11	8.6	95
4400	20	57.9	56.09	4944	1.24	10.4	63	66.1	68.26	6017	1	7.2	95
4800	-5	46.5	90.89	8012	2	24.2	74	58.5	112.11	9882	1.65	17.2	112
4800	0	48.7	84.47	7445	1.86	21.3	74	60	103.99	9167	1.53	15.1	112
4800	5	50.9	78.15	6888	1.72	18.6	74	61.4	96.05	8466	1.41	13.1	112
4800	10	53	71.92	6340	1.59	16.1	74	62.8	88.26	7780	1.3	11.3	112
4800	15	55	65.8	5800	1.45	13.8	74	64.1	80.64	7108	1.19	9.7	112
4800	20	57	59.76	5268	1.32	11.6	74	65.3	73.17	6450	1.08	8.2	112

T 2

Coil output in heating applications (water 70-60 °C)

TH 70/60		2 R						3 R					
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
3200	-5	27.1	37.76	3307	1.65	18.1	17	37.2	49.73	4355	1.45	14.4	26
3200	0	30.1	34.8	3048	1.53	15.7	17	39.6	45.77	4009	1.34	12.5	26
3200	5	33.1	31.88	2792	1.4	13.4	17	41.9	41.87	3667	1.22	10.7	26
3200	10	36	28.98	2538	1.27	11.4	17	44.1	38.02	3330	1.11	9	26
3200	15	38.8	26.11	2287	1.14	9.5	17	46.2	34.24	2999	1	7.5	26
3200	20	41.6	23.28	2039	1.02	7.8	17	48.3	30.5	2671	0.89	6.1	26
3600	-5	25.8	40.76	3570	1.79	20.7	22	35.8	53.99	4729	1.58	16.6	33
3600	0	28.9	37.57	3290	1.65	17.9	22	38.2	49.7	4353	1.45	14.4	33
3600	5	31.9	34.41	3014	1.51	15.4	22	40.6	45.47	3983	1.33	12.3	33
3600	10	34.9	31.29	2740	1.37	13	22	42.9	41.3	3617	1.21	10.4	33
3600	15	37.9	28.19	2469	1.24	10.8	22	45.2	37.19	3257	1.09	8.7	33
3600	20	40.7	25.13	2201	1.1	8.9	22	47.3	33.13	2902	0.97	7.1	33
4000	-5	24.6	43.61	3819	1.91	23.3	26	34.5	58.07	5086	1.7	18.9	40
4000	0	27.8	40.2	3521	1.76	20.2	26	37	53.46	4682	1.56	16.3	40
4000	5	31	36.83	3225	1.61	17.3	26	39.5	48.92	4284	1.43	14	40
4000	10	34	33.48	2933	1.47	14.7	26	41.9	44.43	3892	1.3	11.8	40
4000	15	37	30.17	2643	1.32	12.2	26	44.2	40.01	3504	1.17	9.8	40
4000	20	40	26.9	2356	1.18	10	26	46.5	35.64	3122	1.04	8	40
4400	-5	23.6	46.34	4058	2.03	25.9	31	33.3	61.98	5429	1.81	21.2	47
4400	0	26.9	42.72	3742	1.87	22.4	31	35.9	57.07	4999	1.67	18.3	47
4400	5	30.1	39.14	3428	1.72	19.3	31	38.5	52.23	4574	1.53	15.7	47
4400	10	33.2	35.59	3117	1.56	16.3	31	40.9	47.44	4155	1.39	13.3	47
4400	15	36.3	32.07	2809	1.41	13.6	31	43.4	42.72	3742	1.25	11	47
4400	20	39.3	28.59	2504	1.25	11.1	31	45.7	38.06	3333	1.11	9	47
4800	-5	22.7	48.96	4288	2.15	28.5	37	32.2	65.75	5759	1.92	23.5	56
4800	0	26	45.14	3954	1.98	24.7	37	34.9	60.55	5303	1.77	20.3	56
4800	5	29.3	41.36	3623	1.81	21.2	37	37.5	55.42	4853	1.62	17.4	56
4800	10	32.5	37.61	3294	1.65	18	37	40.1	50.34	4409	1.47	14.7	56
4800	15	35.6	33.89	2969	1.49	15	37	42.6	45.33	3970	1.32	12.2	56
4800	20	38.7	30.21	2646	1.32	12.2	37	45	40.39	3537	1.18	10	56

TH 70/60		4 R						6 R					
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
3200	-5	44.8	58.68	5140	1.29	11.6	35	54.9	70.54	6178	1.03	7.9	53
3200	0	46.7	53.95	4725	1.18	10	35	56	64.75	5672	0.95	6.8	53
3200	5	48.4	49.31	4319	1.08	8.6	35	57.1	59.1	5177	0.86	5.8	53
3200	10	50.1	44.75	3919	0.98	7.2	35	58.1	53.58	4693	0.78	4.9	53
3200	15	51.7	40.26	3527	0.88	6	35	59	48.18	4220	0.7	4.1	53
3200	20	53.3	35.86	3141	0.79	4.9	35	59.8	42.9	3758	0.63	3.3	53
3600	-5	43.4	64.05	5610	1.4	13.6	44	53.6	77.63	6799	1.13	9.3	66
3600	0	45.3	58.9	5158	1.29	11.7	44	54.8	71.27	6243	1.04	8	66
3600	5	47.2	53.83	4715	1.18	10	44	55.9	65.06	5699	0.95	6.9	66
3600	10	48.9	48.86	4279	1.07	8.4	44	57	58.99	5167	0.86	5.8	66
3600	15	50.7	43.97	3851	0.96	7	44	58	53.04	4646	0.77	4.8	66
3600	20	52.3	39.15	3430	0.86	5.7	44	59	47.23	4137	0.69	3.9	66
4000	-5	42	69.2	6060	1.52	15.5	53	52.4	84.49	7399	1.23	10.8	80
4000	0	44	63.64	5574	1.39	13.4	53	53.7	77.58	6795	1.13	9.3	80
4000	5	46	58.18	5095	1.27	11.5	53	54.9	70.83	6203	1.03	7.9	80
4000	10	47.9	52.8	4625	1.16	9.7	53	56.1	64.22	5625	0.94	6.7	80
4000	15	49.7	47.52	4162	1.04	8	53	57.2	57.75	5058	0.84	5.6	80
4000	20	51.4	42.32	3707	0.93	6.6	53	58.2	51.42	4504	0.75	4.5	80
4400	-5	40.8	74.15	6495	1.62	17.5	63	51.3	91.14	7982	1.33	12.4	95
4400	0	42.9	68.21	5974	1.49	15.1	63	52.7	83.7	7330	1.22	10.6	95
4400	5	45	62.36	5462	1.37	12.9	63	54	76.42	6693	1.12	9.1	95
4400	10	46.9	56.61	4958	1.24	10.9	63	55.2	69.3	6070	1.01	7.7	95
4400	15	48.8	50.94	4462	1.12	9.1	63	56.4	62.32	5459	0.91	6.4	95
4400	20	50.6	45.37	3974	0.99	7.4	63	57.5	55.48	4860	0.81	5.2	95
4800	-5	39.7	78.95	6914	1.73	19.5	74	50.3	97.59	8548	1.43	13.9	112
4800	0	41.9	72.63	6361	1.59	16.9	74	51.7	89.64	7852	1.31	12	112
4800	5	44	66.41	5816	1.45	14.4	74	53.1	81.86	7170	1.2	10.2	112
4800	10	46	60.28	5280	1.32	12.2	74	54.4	74.23	6501	1.08	8.6	112
4800	15	48	54.25	4752	1.19	10.1	74	55.6	66.76	5847	0.98	7.2	112
4800	20	49.9	48.31	4231	1.06	8.3	74	56.8	59.43	5205	0.87	5.8	112

T 2

Coil output in heating applications (water 50-45 °C)

TH 50/45		2 R						3 R					
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
3200	-5	19.1	28.4	4931	2.47	39.5	17	26.7	37.31	6477	2.16	31.3	26
3200	0	22.1	25.49	4426	2.21	32.7	17	28.9	33.43	5805	1.94	25.9	26
3200	5	24.9	22.61	3925	1.96	26.5	17	31.1	29.62	5143	1.72	20.9	26
3200	10	27.7	19.76	3430	1.72	20.9	17	33.2	25.86	4490	1.5	16.5	26
3200	15	30.5	16.94	2941	1.47	16	17	35.2	22.16	3847	1.28	12.6	26
3200	20	33.1	14.15	2457	1.23	11.7	17	37.2	18.51	3214	1.07	9.2	26
3600	-5	18.2	30.67	5324	2.66	45.2	22	25.6	40.53	7036	2.35	36.2	33
3600	0	21.2	27.52	4779	2.39	37.4	22	27.9	36.32	6307	2.1	29.9	33
3600	5	24.1	24.41	4239	2.12	30.3	22	30.2	32.18	5588	1.86	24.2	33
3600	10	27	21.34	3704	1.85	24	22	32.4	28.1	4879	1.63	19.1	33
3600	15	29.8	18.29	3176	1.59	18.3	22	34.5	24.08	4180	1.39	14.6	33
3600	20	32.6	15.28	2653	1.33	13.4	22	36.6	20.11	3492	1.16	10.6	33
4000	-5	-	-	-	-	-	-	24.6	43.6	7571	2.53	41.2	40
4000	0	20.4	29.46	5115	2.56	42.2	26	27.1	39.09	6787	2.26	34	40
4000	5	23.4	26.13	4537	2.27	34.2	26	29.4	34.64	6014	2.01	27.5	40
4000	10	26.4	22.84	3966	1.98	27	26	31.7	30.24	5251	1.75	21.7	40
4000	15	29.3	19.58	3400	1.7	20.6	26	33.9	25.91	4499	1.5	16.6	40
4000	20	32.1	16.36	2840	1.42	15	26	36.1	21.64	3758	1.25	12.1	40
4400	-5	-	-	-	-	-	-	23.8	46.56	8084	2.7	46.2	47
4400	0	19.7	31.32	5437	2.72	46.9	31	26.3	41.74	7248	2.42	38.2	47
4400	5	22.8	27.78	4823	2.41	38	31	28.7	36.99	6423	2.14	30.9	47
4400	10	25.8	24.28	4216	2.11	30.1	31	31.1	32.3	5608	1.87	24.4	47
4400	15	28.8	20.82	3614	1.81	23	31	33.4	27.68	4805	1.6	18.6	47
4400	20	31.7	17.39	3018	1.51	16.7	31	35.6	23.11	4013	1.34	13.6	47
4800	-5	-	-	-	-	-	-	-	-	-	-	-	-
4800	0	-	-	-	-	-	-	25.6	44.3	7692	2.57	42.3	56
4800	5	22.2	29.37	5098	2.55	41.9	37	28.1	39.26	6817	2.27	34.3	56
4800	10	25.3	25.67	4456	2.23	33.1	37	30.5	34.29	5953	1.99	27	56
4800	15	28.4	22	3820	1.91	25.3	37	32.9	29.38	5100	1.7	20.6	56
4800	20	31.4	18.37	3190	1.6	18.4	37	35.2	24.53	4259	1.42	15	56

TH 50/45		4 R						6 R					
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
3200	-5	32.3	43.92	7625	1.91	25.2	35	39.6	52.57	9127	1.52	17	53
3200	0	34	39.32	6826	1.71	20.8	35	40.6	46.99	8158	1.36	14	53
3200	5	35.7	34.8	6041	1.51	16.8	35	41.6	41.54	7212	1.2	11.2	53
3200	10	37.2	30.36	5271	1.32	13.2	35	42.5	36.22	6287	1.05	8.8	53
3200	15	38.7	26.01	4516	1.13	10.1	35	43.3	31.02	5386	0.9	6.7	53
3200	20	40.2	21.73	3774	0.94	7.4	35	44.1	25.94	4504	0.75	4.9	53
3600	-5	31.2	47.96	8328	2.08	29.4	44	38.7	57.89	10051	1.68	20.1	66
3600	0	33	42.94	7456	1.87	24.2	44	39.8	51.75	8985	1.5	16.5	66
3600	5	34.8	38.01	6600	1.65	19.6	44	40.8	45.76	7944	1.32	13.3	66
3600	10	36.4	33.17	5759	1.44	15.4	44	41.8	39.9	6927	1.16	10.5	66
3600	15	38	28.41	4932	1.23	11.8	44	42.7	34.17	5933	0.99	8	66
3600	20	39.6	23.73	4121	1.03	8.6	44	43.6	28.56	4960	0.83	5.8	66
4000	-5	30.2	51.85	9002	2.25	33.7	53	37.8	63.05	10945	1.83	23.3	80
4000	0	32.1	46.43	8061	2.02	27.8	53	39	56.37	9786	1.63	19.2	80
4000	5	34	41.1	7136	1.79	22.4	53	40.1	49.84	8653	1.44	15.5	80
4000	10	35.7	35.87	6227	1.56	17.7	53	41.2	43.46	7545	1.26	12.2	80
4000	15	37.4	30.72	5334	1.33	13.5	53	42.2	37.21	6461	1.08	9.3	80
4000	20	39.1	25.66	4455	1.11	9.8	53	43.1	31.1	5401	0.9	6.8	80
4400	-5	29.3	55.59	9651	2.41	38.1	63	37	68.05	11813	1.97	26.7	95
4400	0	31.3	49.78	8644	2.16	31.4	63	38.3	60.85	10563	1.76	21.9	95
4400	5	33.2	44.08	7653	1.91	25.4	63	39.5	53.81	9341	1.56	17.7	95
4400	10	35.1	38.47	6678	1.67	20	63	40.6	46.92	8145	1.36	13.9	95
4400	15	36.9	32.95	5720	1.43	15.2	63	41.7	40.17	6975	1.16	10.6	95
4400	20	38.6	27.51	4777	1.2	11.1	63	42.7	33.57	5829	0.97	7.7	95
4800	-5	28.5	59.2	10279	2.57	42.5	74	36.3	72.91	12656	2.11	30.1	112
4800	0	30.6	53.03	9207	2.3	35.1	74	37.6	65.2	11319	1.89	24.7	112
4800	5	32.6	46.95	8152	2.04	28.3	74	38.9	57.66	10010	1.67	20	112
4800	10	34.5	40.98	7114	1.78	22.3	74	40.1	50.28	8728	1.46	15.7	112
4800	15	36.4	35.1	6093	1.52	17	74	41.2	43.05	7474	1.25	12	112
4800	20	38.1	29.31	5088	1.27	12.4	74	42.3	35.97	6245	1.04	8.7	112

T 2

Coil output in cooling applications (water 7-12 °C)

TH			2 R								3 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
3200	22	50	16.8	69	5.52	950	0.5	3	17	1	15.1	77	7.34	1263	0.4	2	26	1
3200	24	50	18.1	70	7.06	1214	0.6	4	26	0.89	16.2	78	9.52	1637	0.6	4	39	0.87
3200	26	50	19.1	70	9.69	1667	0.8	7	26	0.75	16.9	77	12.98	2232	0.7	6	39	0.74
3200	28	50	20.2	69	12.5	2151	1.1	12	26	0.65	17.7	77	16.63	2860	1	9	39	0.65
3200	30	50	21.3	69	15.51	2668	1.3	17	26	0.58	18.5	77	20.52	3530	1.2	13	39	0.58
3200	32	50	22.4	69	18.74	3224	1.6	23	26	0.53	19.3	76	24.7	4247	1.4	19	39	0.53
3600	22	50	17.1	68	5.94	1021	0.5	3	22	1	15.4	76	7.94	1366	0.5	3	33	1
3600	24	50	18.3	69	7.56	1300	0.7	5	32	0.9	16.5	77	10.24	1762	0.6	4	48	0.88
3600	26	50	19.4	69	10.4	1789	0.9	8	32	0.75	17.3	76	13.99	2407	0.8	7	48	0.74
3600	28	50	20.5	68	13.44	2311	1.2	13	32	0.65	18.1	76	17.97	3091	1	11	48	0.65
3600	30	50	21.7	68	16.7	2872	1.4	19	32	0.58	18.9	75	22.21	3819	1.3	15	48	0.58
3600	32	50	22.8	68	20.19	3473	1.7	27	32	0.53	19.8	75	26.75	4601	1.5	21	48	0.53
4000	22	50	17.3	67	6.33	1089	0.5	4	26	1	15.6	74	8.51	1463	0.5	3	40	1
4000	24	50	18.5	68	8.04	1383	0.7	5	39	0.9	16.7	76	10.92	1879	0.6	4	59	0.88
4000	26	50	19.7	68	11.07	1905	1	9	39	0.75	17.6	75	14.96	2573	0.9	8	59	0.74
4000	28	50	20.8	68	14.32	2464	1.2	15	39	0.66	18.4	75	19.24	3309	1.1	12	59	0.65
4000	30	50	22	67	17.82	3064	1.5	21	39	0.58	19.3	74	23.82	4096	1.4	18	59	0.59
4000	32	50	23.2	67	21.56	3709	1.9	30	39	0.53	20.2	74	28.71	4939	1.7	24	59	0.53

TH			4 R								6 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
3200	22	50	13.8	84	8.76	1507	0.4	2	35	1	14	83	8.59	1478	0.3	1	53	1
3200	24	50	14.7	84	11.5	1979	0.5	3	52	0.86	12.8	92	14.48	2490	0.4	2	78	0.82
3200	26	50	15.2	83	15.57	2679	0.7	5	52	0.73	13	91	19.33	3325	0.6	4	78	0.71
3200	28	50	15.8	83	19.84	3413	0.9	8	52	0.65	13.2	91	24.4	4198	0.7	5	78	0.64
3200	30	50	16.3	83	24.38	4193	1.1	11	52	0.58	13.5	91	29.6	5090	0.9	8	78	0.58
3200	32	50	16.9	82	29.21	5025	1.3	15	52	0.53	13.6	91	35.43	6094	1	10	78	0.54
3600	22	50	14.1	82	9.52	1637	0.4	2	44	1	12.2	93	11.79	2028	0.3	2	66	1
3600	24	50	15	83	12.43	2138	0.5	3	65	0.86	13.1	91	15.74	2708	0.5	3	97	0.83
3600	26	50	15.6	82	16.87	2902	0.7	6	65	0.73	13.3	90	21.09	3627	0.6	4	97	0.72
3600	28	50	16.2	82	21.53	3704	0.9	9	65	0.65	13.5	90	26.68	4591	0.8	6	97	0.64
3600	30	50	16.8	81	26.5	4558	1.1	13	65	0.58	13.8	90	32.59	5606	0.9	9	97	0.58
3600	32	50	17.4	81	31.79	5470	1.4	18	65	0.53	14.1	90	38.94	6698	1.1	12	97	0.54
4000	22	50	14.3	81	10.24	1761	0.4	2	53	1	12.5	91	12.76	2196	0.4	2	80	1
4000	24	50	15.3	82	13.31	2289	0.6	4	79	0.87	13.3	90	16.96	2917	0.5	3	118	0.84
4000	26	50	15.9	81	18.1	3114	0.8	7	79	0.74	13.6	89	22.77	3917	0.7	5	118	0.72
4000	28	50	16.5	81	23.15	3983	1	10	79	0.65	13.9	89	28.88	4968	0.8	7	118	0.64
4000	30	50	17.2	80	28.53	4908	1.2	15	79	0.59	14.2	89	35.33	6077	1	10	118	0.58
4000	32	50	17.8	80	34.28	5896	1.5	20	79	0.53	14.5	89	42.15	7250	1.2	14	118	0.54

T 2

Coil output in cooling applications (water 5-10 °C)

TH			2 R								3 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
3200	22	50	16.2	70	7.04	1210	0.6	4	26	0.89	14.3	77	9.48	1631	0.5	4	39	0.87
3200	24	50	17.2	69	9.51	1636	0.8	7	26	0.76	15	77	12.72	2188	0.7	6	39	0.75
3200	26	50	18.3	69	12.14	2087	1	11	26	0.67	15.8	76	16.14	2776	0.9	9	39	0.67
3200	28	50	19.4	69	14.95	2570	1.3	16	26	0.6	16.6	76	19.78	3402	1.1	13	39	0.6
3200	30	50	20.5	68	17.96	3089	1.6	22	26	0.55	17.4	76	23.67	4071	1.4	18	39	0.55
3200	32	50	21.7	68	21.19	3644	1.8	29	26	0.5	18.3	76	27.83	4787	1.6	23	39	0.51
3600	22	50	16.4	69	7.54	1296	0.7	5	32	0.89	14.6	76	10.2	1755	0.6	4	48	0.88
3600	24	50	17.5	68	10.21	1755	0.9	8	32	0.76	15.4	76	13.72	2360	0.8	7	48	0.75
3600	26	50	18.6	68	13.04	2243	1.1	13	32	0.67	16.2	75	17.44	2999	1	10	48	0.67
3600	28	50	19.8	68	16.09	2767	1.4	18	32	0.6	17	75	21.41	3681	1.2	15	48	0.6
3600	30	50	20.9	67	19.35	3327	1.7	25	32	0.55	17.9	75	25.65	4410	1.5	20	48	0.55
3600	32	50	22.1	67	22.84	3928	2	34	32	0.5	18.8	74	30.18	5190	1.7	27	48	0.51
4000	22	50	16.6	68	8.01	1378	0.7	5	39	0.9	14.8	75	10.89	1873	0.6	5	59	0.88
4000	24	50	17.8	68	10.86	1868	0.9	9	39	0.76	15.7	75	14.67	2524	0.8	8	59	0.76
4000	26	50	18.9	67	13.9	2391	1.2	14	39	0.67	16.5	74	18.68	3212	1.1	12	59	0.67
4000	28	50	20.1	67	17.17	2953	1.5	20	39	0.6	17.4	74	22.95	3947	1.3	17	59	0.6
4000	30	50	21.3	67	20.66	3553	1.8	28	39	0.55	18.3	74	27.53	4733	1.6	23	59	0.55
4000	32	50	22.5	67	24.41	4198	2.1	38	39	0.5	19.2	73	32.42	5575	1.9	30	59	0.51

TH			4 R								6 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
3200	22	50	12.8	83	11.45	1970	0.5	3	52	0.86	10.8	91	14.39	2475	0.4	2	78	0.83
3200	24	50	13.3	83	15.25	2623	0.7	5	52	0.74	11	91	18.94	3257	0.5	4	78	0.73
3200	26	50	13.9	82	19.26	3313	0.8	7	52	0.66	11.3	91	23.69	4074	0.7	5	78	0.66
3200	28	50	14.4	82	23.51	4043	1	10	52	0.6	11.5	91	28.69	4935	0.8	7	78	0.6
3200	30	50	15	82	28.01	4818	1.2	14	52	0.56	11.8	90	33.96	5840	1	10	78	0.56
3200	32	50	15.6	82	32.83	5646	1.4	19	52	0.52	12	90	39.59	6810	1.1	13	78	0.52
3600	22	50	13.1	82	12.38	2129	0.5	3	65	0.86	11.1	90	15.66	2693	0.5	3	97	0.84
3600	24	50	13.7	82	16.54	2844	0.7	6	65	0.74	11.4	90	20.66	3554	0.6	4	97	0.73
3600	26	50	14.3	81	20.91	3596	0.9	9	65	0.67	11.6	90	25.9	4455	0.7	6	97	0.66
3600	28	50	14.9	81	25.55	4394	1.1	12	65	0.61	11.9	89	31.42	5405	0.9	9	97	0.6
3600	30	50	15.5	81	30.49	5245	1.3	17	65	0.56	12.2	89	37.32	6420	1.1	12	97	0.56
3600	32	50	16.2	80	35.77	6152	1.5	22	65	0.52	12.5	89	43.48	7477	1.3	15	97	0.52
4000	22	50	13.4	81	13.26	2280	0.6	4	79	0.87	11.4	89	16.87	2901	0.5	3	118	0.84
4000	24	50	14	81	17.75	3053	0.8	6	79	0.75	11.7	89	22.32	3838	0.6	5	118	0.73
4000	26	50	14.6	80	22.48	3866	1	10	79	0.67	12	89	28.03	4821	0.8	7	118	0.66
4000	28	50	15.3	80	27.51	4731	1.2	14	79	0.61	12.3	89	34.03	5854	1	10	118	0.6
4000	30	50	16	80	32.87	5652	1.4	19	79	0.56	12.6	88	40.44	6955	1.2	13	118	0.56
4000	32	50	16.6	79	38.59	6637	1.7	25	79	0.51	13	88	47.22	8122	1.4	17	118	0.52

T 3

Coil output in heating applications (water 80-70 °C)

TH 80/70		2 R						3 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
4400	-5	32.4	60.5	5331	1.8	18	16	44.2	79.7	7024	1.8	20	25
4400	0	35.4	56.3	4963	1.7	16	16	46.6	74.1	6531	1.6	18	25
4400	5	38.4	52.2	4600	1.5	14	16	48.9	68.6	6046	1.5	15	25
4400	10	41.4	48.1	4241	1.4	12	16	51.2	63.2	5568	1.4	13	25
4400	15	44.3	44.1	3885	1.3	10	16	53.4	57.8	5096	1.3	11	25
4400	20	47.1	40.1	3533	1.2	8.8	16	55.5	52.5	4632	1.2	9.6	25
5000	-5	30.7	65.7	5794	1.9	21	21	42.4	87.2	7685	1.9	23	31
5000	0	33.9	61.2	5395	1.8	19	21	44.9	81.1	7148	1.8	21	31
5000	5	37	56.7	5001	1.7	16	21	47.3	75.1	6618	1.7	18	31
5000	10	40	52.3	4611	1.5	14	21	49.7	69.2	6095	1.5	16	31
5000	15	43	47.9	4225	1.4	12	21	52	63.3	5580	1.4	13	31
5000	20	45.9	43.6	3842	1.3	10	21	54.2	57.5	5072	1.3	11	31
5600	-5	29.3	70.7	6233	2.1	24	26	40.8	94.3	8316	2.1	27	38
5600	0	32.6	65.9	5805	1.9	21	26	43.4	87.8	7736	1.9	24	38
5600	5	35.7	61.1	5382	1.8	19	26	45.9	81.3	7163	1.8	21	38
5600	10	38.9	56.3	4963	1.7	16	26	48.4	74.9	6599	1.7	18	38
5600	15	41.9	51.6	4547	1.5	14	26	50.7	68.5	6042	1.5	15	38
5600	20	44.9	46.9	4136	1.4	12	26	53.1	62.3	5492	1.4	13	38
6200	-5	28.1	75.5	6652	2.2	27	31	39.4	101	8920	2.2	30	46
6200	0	31.4	70.3	6197	2.1	24	31	42	94.2	8299	2.1	27	46
6200	5	34.6	65.2	5745	1.9	21	31	44.6	87.2	7686	1.9	23	46
6200	10	37.8	60.1	5298	1.8	18	31	47.2	80.3	7081	1.8	20	46
6200	15	40.9	55.1	4855	1.6	15	31	49.7	73.6	6484	1.6	17	46
6200	20	44	50.1	4416	1.5	13	31	52	66.9	5895	1.5	15	46
6800	-5	27	80	7054	2.4	30	37	38.1	108	9500	2.4	34	55
6800	0	30.4	74.6	6572	2.2	26	37	40.8	100	8840	2.2	30	55
6800	5	33.7	69.1	6093	2	23	37	43.5	92.9	8188	2.1	26	55
6800	10	36.9	63.8	5620	1.9	20	37	46.1	85.6	7545	1.9	23	55
6800	15	40.1	58.4	5150	1.7	17	37	48.7	78.4	6909	1.7	19	55
6800	20	43.2	53.2	4685	1.6	15	37	51.1	71.3	6282	1.6	16	55

TH 80/70		4 R						6 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
4400	-5	53.1	94	8290	1.8	22	33	64.5	113	9917	1.5	17	50
4400	0	55	87.4	7699	1.6	20	33	65.6	104	9193	1.4	15	50
4400	5	56.8	80.8	7120	1.5	17	33	66.7	96.3	8487	1.3	13	50
4400	10	58.5	74.3	6551	1.4	15	33	67.7	88.5	7797	1.2	11	50
4400	15	60.1	68	5992	1.3	13	33	68.6	80.8	7123	1.1	9.7	50
4400	20	61.7	61.8	5443	1.2	11	33	69.5	73.3	6465	1	8.2	50
5000	-5	51.3	104	9123	1.9	26	42	62.9	125	11015	1.6	21	63
5000	0	53.2	96.2	8476	1.8	23	42	64.2	116	10214	1.5	18	63
5000	5	55.1	88.9	7840	1.7	20	42	65.3	107	9432	1.4	16	63
5000	10	57	81.9	7215	1.5	17	42	66.4	98.3	8667	1.3	14	63
5000	15	58.7	74.9	6600	1.4	15	42	67.5	89.8	7919	1.2	12	63
5000	20	60.4	68	5996	1.3	13	42	68.5	81.6	7188	1.1	9.9	63
5600	-5	49.6	113	9922	2.1	30	51	61.5	137	12077	1.8	25	77
5600	0	51.7	105	9220	1.9	27	51	62.8	127	11202	1.7	22	77
5600	5	53.7	96.8	8529	1.8	23	51	64.1	117	10346	1.5	19	77
5600	10	55.6	89.1	7851	1.7	20	51	65.3	108	9507	1.4	16	77
5600	15	57.5	81.5	7183	1.5	17	51	66.4	98.6	8688	1.3	14	77
5600	20	59.3	74	6527	1.4	15	51	67.5	89.5	7887	1.2	12	77
6200	-5	48.2	121	10689	2.3	35	62	60.2	149	13104	1.9	28	93
6200	0	50.3	113	9934	2.1	31	62	61.6	138	12157	1.8	25	93
6200	5	52.4	104	9192	1.9	27	62	62.9	127	11230	1.7	22	93
6200	10	54.4	96	8462	1.8	23	62	64.2	117	10323	1.5	19	93
6200	15	56.4	87.9	7744	1.6	20	62	65.4	107	9435	1.4	16	93
6200	20	58.3	79.8	7037	1.5	17	62	66.6	97.2	8565	1.3	13	93
6800	-5	46.8	130	11429	2.4	39	74	58.9	160	14101	2.1	32	111
6800	0	49.1	121	10624	2.2	34	74	60.4	148	13084	1.9	28	111
6800	5	51.2	112	9832	2.1	30	74	61.9	137	12089	1.8	25	111
6800	10	53.3	103	9052	1.9	26	74	63.2	126	11114	1.7	21	111
6800	15	55.4	94	8285	1.8	22	74	64.5	115	10159	1.5	18	111
6800	20	57.3	85.4	7529	1.6	19	74	65.7	105	9223	1.4	15	111

T 3

Coil output in heating applications (water 70-60 °C)

TH 70/60		2 R						3 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
4400	-5	27.4	52.4	4593	1.5	15	16	37.8	69.3	6066	1.5	16	25
4400	0	30.4	48.3	4232	1.4	13	16	40.1	63.8	5584	1.4	14	25
4400	5	33.4	44.3	3875	1.3	11	16	42.4	58.3	5109	1.3	12	25
4400	10	36.2	40.2	3523	1.2	9.2	16	44.6	53	4640	1.2	10	25
4400	15	39	36.2	3173	1.1	7.6	16	46.7	47.7	4179	1.1	8.4	25
4400	20	41.8	32.3	2828	0.9	6.2	16	48.7	42.5	3724	0.9	6.9	25
5000	-5	26	57	4990	1.7	17	21	36.2	75.8	6635	1.7	19	31
5000	0	29.1	52.5	4599	1.5	15	21	38.6	69.7	6108	1.5	16	31
5000	5	32.1	48.1	4211	1.4	13	21	41	63.8	5589	1.4	14	31
5000	10	35.1	43.7	3828	1.3	11	21	43.3	58	5078	1.3	12	31
5000	15	38	39.4	3449	1.2	8.8	21	45.5	52.2	4573	1.1	9.9	31
5000	20	40.9	35.1	3074	1	7.2	21	47.7	46.5	4075	1	8.1	31
5600	-5	24.7	61.3	5367	1.8	19	26	34.8	81.9	7176	1.8	22	38
5600	0	27.9	56.5	4947	1.7	17	26	37.3	75.5	6608	1.7	19	38
5600	5	31	51.7	4530	1.5	14	26	39.8	69.1	6047	1.5	16	38
5600	10	34.1	47	4118	1.4	12	26	42.1	62.7	5494	1.4	14	38
5600	15	37.1	42.4	3711	1.2	10	26	44.5	56.5	4949	1.2	11	38
5600	20	40	37.8	3307	1.1	8.2	26	46.7	50.4	4410	1.1	9.2	38
6200	-5	23.7	65.4	5726	1.9	22	31	33.5	87.9	7695	1.9	25	46
6200	0	26.9	60.3	5279	1.8	19	31	36.1	80.9	7087	1.8	21	46
6200	5	30.1	55.2	4835	1.6	16	31	38.7	74.1	6486	1.6	18	46
6200	10	33.2	50.2	4395	1.5	14	31	41.1	67.3	5893	1.5	15	46
6200	15	36.3	45.2	3960	1.3	11	31	43.6	60.6	5308	1.3	13	46
6200	20	39.3	40.3	3529	1.2	9.2	31	45.9	54	4731	1.2	11	46
6800	-5	22.7	69.3	6071	2	24	37	32.4	93.6	8194	2.1	27	55
6800	0	26	63.9	5597	1.9	21	37	35.1	86.2	7547	1.9	24	55
6800	5	29.3	58.5	5127	1.7	18	37	37.7	78.9	6908	1.7	20	55
6800	10	32.5	53.2	4661	1.6	15	37	40.2	71.7	6277	1.6	17	55
6800	15	35.6	48	4200	1.4	13	37	42.7	64.6	5654	1.4	14	55
6800	20	38.7	42.7	3742	1.3	10	37	45.1	57.5	5039	1.3	12	55

TH 70/60		4 R						6 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
4400	-5	45.6	81.9	7174	1.5	18	33	55.7	98.3	8606	1.3	14	50
4400	0	47.4	75.3	6598	1.4	16	33	56.8	90.2	7903	1.2	12	50
4400	5	49.1	68.9	6032	1.3	13	33	57.8	82.4	7216	1.1	10	50
4400	10	50.8	62.5	5476	1.2	11	33	58.7	74.7	6546	1	8.8	50
4400	15	52.4	56.3	4931	1	9.3	33	59.6	67.3	5891	0.9	7.3	50
4400	20	53.9	50.2	4395	0.9	7.6	33	60.5	59.9	5249	0.8	5.9	50
5000	-5	44	90.1	7892	1.7	21	42	54.3	109	9554	1.4	17	63
5000	0	45.9	82.9	7260	1.5	18	42	55.5	100	8775	1.3	15	63
5000	5	47.7	75.8	6639	1.4	16	42	56.6	91.5	8014	1.2	13	63
5000	10	49.5	68.8	6028	1.3	13	42	57.6	83	7270	1.1	11	63
5000	15	51.2	62	5428	1.1	11	42	58.6	74.7	6543	1	8.7	63
5000	20	52.8	55.2	4838	1	9	42	59.6	66.6	5831	0.9	7.2	63
5600	-5	42.5	98	8580	1.8	25	51	53	120	10471	1.6	20	77
5600	0	44.6	90.1	7894	1.7	21	51	54.3	110	9619	1.4	17	77
5600	5	46.5	82.4	7219	1.5	18	51	55.5	100	8786	1.3	15	77
5600	10	48.4	74.9	6556	1.4	15	51	56.6	91	7970	1.2	12	77
5600	15	50.2	67.4	5904	1.2	13	51	57.7	81.9	7173	1.1	10	77
5600	20	51.9	60.1	5262	1.1	11	51	58.7	73	6393	1	8.4	77
6200	-5	41.2	106	9240	2	28	62	51.8	130	11357	1.7	23	93
6200	0	43.3	97.1	8503	1.8	24	62	53.2	119	10435	1.6	20	93
6200	5	45.4	88.8	7777	1.6	21	62	54.5	109	9533	1.4	17	93
6200	10	47.3	80.7	7064	1.5	18	62	55.7	98.8	8649	1.3	14	93
6200	15	49.2	72.6	6361	1.3	15	62	56.9	88.9	7783	1.2	12	93
6200	20	51	64.7	5670	1.2	12	62	58	79.2	6936	1	9.7	93
6800	-5	40.1	113	9877	2.1	32	74	50.7	139	12217	1.8	26	111
6800	0	42.3	104	9090	1.9	27	74	52.2	128	11227	1.7	23	111
6800	5	44.4	95	8316	1.8	23	74	53.6	117	10257	1.5	19	111
6800	10	46.4	86.2	7553	1.6	20	74	54.8	106	9307	1.4	16	111
6800	15	48.4	77.7	6802	1.4	16	74	56.1	95.6	8377	1.2	14	111
6800	20	50.2	69.2	6063	1.3	13	74	57.2	85.2	7464	1.1	11	111

T 3

Coil output in heating applications (water 50-45 °C)

TH 50/45		2 R						3 R					
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
4400	-5	19.4	39.5	6849	2.3	32	16	27.1	51.9	9017	2.3	35	25
4400	0	22.3	35.4	6145	2.1	26	16	29.3	46.6	8082	2	29	25
4400	5	25.1	31.4	5449	1.8	21	16	31.4	41.3	7161	1.8	24	25
4400	10	27.9	27.4	4761	1.6	17	16	33.5	36	6254	1.6	19	25
4400	15	30.6	23.5	4080	1.4	13	16	35.5	30.9	5361	1.3	14	25
4400	20	33.3	19.6	3407	1.1	9.4	16	37.4	25.8	4480	1.1	10	25
5000	-5	18.3	42.9	7444	2.5	37	21	25.9	56.8	9868	2.5	41	31
5000	0	21.3	38.5	6680	2.2	31	21	28.2	51	8846	2.2	34	31
5000	5	24.2	34.1	5924	2	25	21	30.5	45.2	7839	2	28	31
5000	10	27.1	29.8	5176	1.7	20	21	32.6	39.4	6847	1.7	22	31
5000	15	29.9	25.6	4436	1.5	15	21	34.7	33.8	5869	1.5	17	31
5000	20	32.7	21.3	3704	1.2	11	21	36.8	28.3	4905	1.2	12	31
5600	-5	17.4	46.1	8009	2.7	42	26	24.8	61.5	10678	2.7	47	38
5600	0	20.5	41.4	7188	2.4	35	26	27.3	55.1	9574	2.4	39	38
5600	5	23.5	36.7	6375	2.1	28	26	29.6	48.9	8485	2.1	32	38
5600	10	26.4	32.1	5570	1.9	22	26	31.9	42.7	7412	1.9	25	38
5600	15	29.3	27.5	4773	1.6	17	26	34.1	36.6	6353	1.6	19	38
5600	20	32.2	23	3985	1.3	12	26	36.2	30.6	5309	1.3	14	38
6200	-5	16.6	49.2	8549	2.9	47	31	-	-	-	-	-	-
6200	0	19.7	44.2	7673	2.6	39	31	26.4	59.2	10272	2.6	44	46
6200	5	22.8	39.2	6805	2.3	32	31	28.8	52.4	9104	2.3	36	46
6200	10	25.9	34.3	5946	2	25	31	31.2	45.8	7953	2	28	46
6200	15	28.8	29.4	5096	1.7	19	31	33.5	39.3	6817	1.7	22	46
6200	20	31.7	24.5	4254	1.4	14	31	35.7	32.8	5695	1.4	16	46
6800	-5	-	-	-	-	-	-	-	-	-	-	-	-
6800	0	19.1	46.9	8137	2.7	43	37	25.7	63	10942	2.7	49	55
6800	5	22.2	41.6	7217	2.4	35	37	28.2	55.9	9700	2.4	40	55
6800	10	25.3	36.3	6306	2.1	28	37	30.6	48.8	8473	2.1	32	55
6800	15	28.4	31.1	5404	1.8	21	37	33	41.8	7262	1.8	24	55
6800	20	31.4	26	4511	1.5	15	37	35.3	35	6067	1.5	18	55

TH 50/45		4 R						6 R					
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
4400	-5	32.8	61.2	10634	2.2	39	33	40.2	73.1	12698	1.9	30	50
4400	0	34.5	54.9	9523	2	32	33	41.2	65.4	11355	1.7	25	50
4400	5	36.1	48.6	8433	1.8	26	33	42.1	57.9	10043	1.5	20	50
4400	10	37.7	42.4	7363	1.6	21	33	42.9	50.5	8763	1.3	16	50
4400	15	39.1	36.4	6311	1.3	16	33	43.7	43.3	7513	1.1	12	50
4400	20	40.5	30.4	5281	1.1	11	33	44.5	36.2	6292	0.9	8.9	50
5000	-5	31.6	67.4	11705	2.5	46	42	39.2	81.3	14108	2.1	37	63
5000	0	33.4	60.4	10485	2.2	38	42	40.2	72.7	12618	1.9	30	63
5000	5	35.2	53.5	9286	2	31	42	41.3	64.3	11163	1.7	24	63
5000	10	36.8	46.7	8109	1.7	24	42	42.2	56.1	9740	1.4	19	63
5000	15	38.4	40	6952	1.5	19	42	43.1	48.1	8350	1.2	15	63
5000	20	39.9	33.5	5815	1.2	14	42	43.9	40.3	6990	1	11	63
5600	-5	-	-	-	-	-	-	38.2	89.1	15470	2.3	43	77
5600	0	32.5	65.7	11406	2.4	44	51	39.4	79.7	13839	2.1	35	77
5600	5	34.3	58.2	10103	2.1	36	51	40.5	70.5	12244	1.8	29	77
5600	10	36	50.8	8823	1.9	28	51	41.5	61.5	10684	1.6	22	77
5600	15	37.7	43.6	7564	1.6	22	51	42.5	52.8	9159	1.4	17	77
5600	20	39.3	36.4	6326	1.3	16	51	43.4	44.2	7666	1.1	13	77
6200	-5	-	-	-	-	-	-	37.4	96.7	16789	2.5	50	93
6200	0	31.6	70.8	12292	2.6	50	62	38.6	86.5	15021	2.2	41	93
6200	5	33.5	62.7	10889	2.3	41	62	39.8	76.6	13291	2	33	93
6200	10	35.4	54.8	9510	2	32	62	40.9	66.8	11598	1.7	26	93
6200	15	37.1	47	8153	1.7	25	62	42	57.3	9942	1.5	20	93
6200	20	38.8	39.3	6818	1.4	18	62	43	47.9	8321	1.2	15	93
6800	-5	-	-	-	-	-	-	-	-	-	-	-	-
6800	0	-	-	-	-	-	-	37.9	93.1	16171	2.4	46	111
6800	5	32.8	67.1	11647	2.5	46	74	39.2	82.4	14311	2.1	37	111
6800	10	34.7	58.6	10172	2.1	36	74	40.4	71.9	12489	1.9	30	111
6800	15	36.6	50.2	8721	1.8	28	74	41.5	61.7	10705	1.6	23	111
6800	20	38.4	42	7292	1.5	20	74	42.5	51.6	8958	1.3	17	111

T 3

Coil output in cooling applications (water 7-12 °C)

TH			2 R								3 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
4400	22	50	16.8	69	7.61	1309	0.4	2	16	1	15	78	10.34	1779	0.5	3	25	1
4400	24	50	18	70	9.64	1659	0.6	3	24	0.9	16	78	13.57	2334	0.6	4	36	0.86
4400	26	50	19.1	70	13.3	2287	0.8	6	24	0.75	16.7	78	18.39	3163	0.8	7	36	0.73
4400	28	50	20.2	70	17.2	2958	1	9	24	0.66	17.5	77	23.47	4038	1	11	36	0.64
4400	30	50	21.3	69	21.37	3676	1.2	13	24	0.59	18.3	77	28.89	4969	1.2	15	36	0.58
4400	32	50	22.4	69	25.86	4447	1.5	19	24	0.53	19.1	77	34.69	5967	1.5	21	36	0.53
5000	22	50	17.1	68	8.23	1416	0.5	3	21	1	15.3	76	11.26	1937	0.5	3	31	1
5000	24	50	18.3	69	10.41	1791	0.6	4	31	0.91	16.3	77	14.7	2529	0.6	5	46	0.87
5000	26	50	19.4	69	14.35	2469	0.8	7	31	0.76	17.1	76	19.97	3435	0.9	8	46	0.73
5000	28	50	20.5	69	18.6	3199	1.1	10	31	0.66	17.9	76	25.54	4394	1.1	12	46	0.65
5000	30	50	21.7	68	23.14	3980	1.3	15	31	0.59	18.7	76	31.5	5417	1.4	18	46	0.58
5000	32	50	22.8	68	28.03	4820	1.6	22	31	0.53	19.6	75	37.86	6512	1.6	25	46	0.53
5600	22	50	17.3	67	8.82	1517	0.5	3	26	1	15.5	75	12.14	2088	0.5	3	38	1
5600	24	50	18.6	69	11.1	1910	0.6	4	38	0.91	16.6	76	15.77	2713	0.7	5	57	0.87
5600	26	50	19.7	68	15.35	2641	0.9	8	38	0.76	17.4	75	21.47	3693	0.9	9	57	0.74
5600	28	50	20.8	68	19.92	3426	1.1	12	38	0.66	18.3	75	27.51	4732	1.2	14	57	0.65
5600	30	50	22	68	24.81	4267	1.4	17	38	0.59	19.1	75	33.97	5843	1.5	20	57	0.58
5600	32	50	23.2	67	30.08	5175	1.7	24	38	0.53	20	74	40.87	7030	1.8	28	57	0.53

TH			4 R								6 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
4400	22	50	13.5	86	12.55	2159	0.5	3	33	1	11.5	98	15.47	2661	0.4	2	50	1
4400	24	50	14.4	84	16.96	2917	0.6	5	49	0.83	12.3	92	21.51	3700	0.6	4	73	0.79
4400	26	50	14.9	83	22.62	3892	0.8	8	49	0.71	12.5	92	28.24	4858	0.7	7	73	0.7
4400	28	50	15.4	83	28.58	4917	1	13	49	0.64	12.7	91	35.27	6067	0.9	10	73	0.63
4400	30	50	15.9	83	34.89	6002	1.3	18	49	0.58	12.9	91	42.66	7338	1.1	14	73	0.57
4400	32	50	16.5	83	41.61	7158	1.5	24	49	0.53	13.1	91	50.48	8683	1.3	19	73	0.53
5000	22	50	13.8	84	13.75	2365	0.5	3	42	1	11.8	96	17.08	2938	0.4	3	63	1
5000	24	50	14.7	83	18.48	3179	0.7	6	62	0.83	12.6	91	23.62	4063	0.6	5	93	0.8
5000	26	50	15.3	82	24.72	4253	0.9	10	62	0.72	12.8	90	31.1	5350	0.8	8	93	0.7
5000	28	50	15.8	82	31.28	5381	1.1	15	62	0.64	13.1	90	38.91	6694	1	12	93	0.63
5000	30	50	16.4	82	38.26	6581	1.4	21	62	0.58	13.3	90	47.16	8112	1.2	17	93	0.58
5000	32	50	17	81	45.67	7857	1.7	29	62	0.53	13.6	90	55.89	9613	1.4	23	93	0.53
5600	22	50	14	82	14.88	2561	0.5	4	51	1	12	94	18.63	3204	0.5	3	77	1
5600	24	50	15	82	19.92	3427	0.7	7	76	0.84	12.9	90	25.69	4419	0.7	6	115	0.8
5600	26	50	15.6	81	26.71	4594	1	11	76	0.72	13.1	89	33.84	5822	0.9	10	115	0.7
5600	28	50	16.2	81	33.87	5824	1.2	17	76	0.64	13.4	89	42.43	7300	1.1	14	115	0.63
5600	30	50	16.8	80	41.47	7132	1.5	24	76	0.58	13.7	89	51.49	8857	1.3	20	115	0.58
5600	32	50	17.5	80	49.57	8526	1.8	33	76	0.53	14	89	61.1	10509	1.6	27	115	0.53

T 3

Coil output in cooling applications (water 5-10 °C)

TH			2 R								3 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
4400	22	50	16.1	70	9.62	1655	0.55	3	24	0.9	14.1	78	13.51	2323	0.58	4	36	0.86
4400	24	50	17.2	70	13.04	2244	0.75	6	24	0.76	14.8	77	18.02	3100	0.78	7	36	0.74
4400	26	50	18.3	69	16.7	2872	0.96	9	24	0.67	15.6	77	22.78	3918	0.98	10	36	0.66
4400	28	50	19.4	69	20.6	3542	1.18	13	24	0.6	16.4	76	27.85	4789	1.2	15	36	0.6
4400	30	50	20.5	69	24.78	4261	1.42	18	24	0.55	17.2	76	33.25	5720	1.43	20	36	0.55
4400	32	50	21.6	68	29.26	5033	1.68	24	24	0.51	18	76	39.03	6713	1.68	26	36	0.51
5000	22	50	16.4	69	10.36	1782	0.59	4	31	0.9	14.4	76	14.64	2518	0.63	5	46	0.87
5000	24	50	17.5	69	14.08	2422	0.81	7	31	0.77	15.2	76	19.58	3367	0.84	8	46	0.75
5000	26	50	18.6	68	18.06	3105	1.04	10	31	0.67	16	76	24.79	4264	1.07	12	46	0.66
5000	28	50	19.8	68	22.3	3835	1.28	15	31	0.61	16.9	75	30.36	5221	1.31	17	46	0.6
5000	30	50	20.9	68	26.86	4619	1.54	20	31	0.55	17.7	75	36.29	6242	1.56	23	46	0.55
5000	32	50	22.1	68	31.74	5459	1.82	27	31	0.51	18.6	75	42.63	7333	1.83	31	46	0.51
5600	22	50	16.6	68	11.06	1902	0.63	4	38	0.91	14.7	75	15.71	2702	0.68	5	57	0.87
5600	24	50	17.8	68	15.07	2592	0.86	7	38	0.77	15.5	75	21.05	3621	0.91	9	57	0.75
5600	26	50	18.9	67	19.34	3326	1.11	11	38	0.68	16.4	74	26.71	4593	1.15	14	57	0.66
5600	28	50	20.1	67	23.91	4112	1.37	17	38	0.61	17.3	74	32.74	5630	1.41	19	57	0.6
5600	30	50	21.3	67	28.82	4957	1.65	23	38	0.55	18.2	74	39.18	6738	1.69	27	57	0.55
5600	32	50	22.5	67	34.09	5863	1.96	31	38	0.5	19.1	74	46.07	7923	1.98	35	57	0.51

TH			4 R								6 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
4400	22	50	12.5	84	16.85	2898	0.61	5	49	0.83	10.4	92	21.33	3669	0.54	4	73	0.8
4400	24	50	13	83	22.15	3811	0.8	8	49	0.73	10.5	91	27.63	4753	0.7	7	73	0.71
4400	26	50	13.5	83	27.74	4771	1.01	12	49	0.65	10.8	91	34.02	5851	0.87	10	73	0.65
4400	28	50	14	82	33.63	5785	1.22	17	49	0.6	11	91	41.13	7074	1.05	14	73	0.6
4400	30	50	14.6	82	39.91	6864	1.45	23	49	0.55	11.2	90	48.44	8330	1.23	18	73	0.56
4400	32	50	15.2	82	46.6	8013	1.69	30	49	0.51	11.5	90	56.2	9665	1.43	24	73	0.52
5000	22	50	12.8	82	18.37	3159	0.67	6	62	0.84	10.7	90	23.43	4031	0.6	5	93	0.81
5000	24	50	13.4	82	24.21	4165	0.88	10	62	0.73	10.9	90	30.44	5236	0.78	8	93	0.71
5000	26	50	13.9	81	30.36	5221	1.1	14	62	0.66	11.1	90	37.77	6495	0.96	12	93	0.65
5000	28	50	14.5	81	36.88	6342	1.34	20	62	0.6	11.4	90	45.67	7854	1.16	17	93	0.6
5000	30	50	15.1	81	43.8	7534	1.59	27	62	0.55	11.7	89	53.63	9222	1.37	22	93	0.56
5000	32	50	15.8	80	51.19	8804	1.85	35	62	0.51	12	89	62.29	10712	1.59	28	93	0.52
5600	22	50	13.1	81	19.81	3406	0.72	7	76	0.84	11	89	25.44	4376	0.65	6	115	0.81
5600	24	50	13.7	81	26.16	4500	0.95	11	76	0.73	11.2	89	33.13	5698	0.84	9	115	0.72
5600	26	50	14.3	80	32.86	5650	1.19	16	76	0.66	11.5	89	41.17	7082	1.05	14	115	0.65
5600	28	50	15	80	39.97	6874	1.45	23	76	0.6	11.8	88	49.64	8538	1.27	19	115	0.6
5600	30	50	15.6	80	47.52	8174	1.72	31	76	0.55	12.1	88	58.62	10081	1.49	26	115	0.55
5600	32	50	16.3	79	55.59	9561	2.01	41	76	0.51	12.4	88	68.77	11828	1.75	34	115	0.52

T 4

Coil output in heating applications (water 80-70 °C)

TH 80/70		2 R						3 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
6000	-5	32	81.6	7196	1.8	18	17	43.8	108	9488	1.7	18	26
6000	0	35.1	76	6700	1.7	16	17	46.2	100	8822	1.6	16	26
6000	5	38.1	70.5	6210	1.6	14	17	48.5	92.6	8166	1.5	14	26
6000	10	41.1	65	5725	1.4	12	17	50.8	85.3	7520	1.4	12	26
6000	15	44	59.5	5245	1.3	10	17	53	78.1	6883	1.3	10	26
6000	20	46.8	54.1	4770	1.2	8.5	17	55.1	71	6255	1.1	8.6	26
6800	-5	30.4	88.6	7806	2	20	22	42	118	10359	1.9	21	33
6800	0	33.6	82.5	7269	1.8	18	22	44.5	109	9634	1.8	18	33
6800	5	36.7	76.5	6738	1.7	16	22	47	101	8919	1.6	16	33
6800	10	39.7	70.5	6213	1.6	14	22	49.3	93.2	8215	1.5	14	33
6800	15	42.7	64.6	5692	1.4	12	22	51.6	85.3	7520	1.4	12	33
6800	20	45.7	58.7	5177	1.3	9.9	22	53.9	77.5	6835	1.2	10	33
7600	-5	29	95.1	8385	2.1	23	27	40.4	127	11190	2	24	40
7600	0	32.3	88.6	7810	2	20	27	43	118	10409	1.9	21	40
7600	5	35.5	82.1	7240	1.8	18	27	45.6	109	9638	1.8	18	40
7600	10	38.6	75.7	6676	1.7	15	27	48	101	8878	1.6	16	40
7600	15	41.7	69.4	6118	1.5	13	27	50.4	92.2	8128	1.5	14	40
7600	20	44.7	63.1	5564	1.4	11	27	52.8	83.8	7388	1.3	12	40
8400	-5	27.8	101	8939	2.2	26	32	39	136	11986	2.2	27	48
8400	0	31.1	94.5	8326	2.1	23	32	41.7	127	11151	2	24	48
8400	5	34.4	87.6	7720	1.9	20	32	44.3	117	10327	1.9	21	48
8400	10	37.6	80.8	7119	1.8	17	32	46.9	108	9514	1.7	18	48
8400	15	40.7	74	6524	1.6	15	32	49.4	98.8	8711	1.6	15	48
8400	20	43.8	67.3	5934	1.5	13	32	51.8	89.8	7919	1.4	13	48
9200	-5	26.7	107	9469	2.4	28	38	37.7	145	12752	2.3	30	57
9200	0	30.1	100	8822	2.2	25	38	40.5	135	11865	2.2	26	57
9200	5	33.4	92.8	8180	2.1	22	38	43.2	125	10990	2	23	57
9200	10	36.7	85.6	7544	1.9	19	38	45.8	115	10126	1.8	20	57
9200	15	39.9	78.4	6913	1.7	16	38	48.4	105	9272	1.7	17	57
9200	20	43	71.4	6289	1.6	14	38	50.9	95.6	8429	1.5	15	57

TH 80/70		4 R						6 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
6000	-5	52.5	127	11193	1.6	16	35	64.4	153	13501	1.8	28	52
6000	0	54.4	118	10395	1.5	14	35	65.5	142	12519	1.7	25	52
6000	5	56.2	109	9611	1.4	13	35	66.6	131	11560	1.5	21	52
6000	10	58	100	8842	1.3	11	35	67.6	121	10623	1.4	19	52
6000	15	59.7	91.7	8086	1.2	9.2	35	68.6	110	9708	1.3	16	52
6000	20	61.3	83.3	7344	1.1	7.8	35	69.5	100	8814	1.2	13	52
6800	-5	50.7	139	12289	1.8	19	44	62.8	170	14963	2	34	66
6800	0	52.7	130	11416	1.6	17	44	64.1	157	13879	1.9	30	66
6800	5	54.7	120	10558	1.5	15	44	65.3	145	12818	1.7	26	66
6800	10	56.5	110	9715	1.4	13	44	66.4	134	11782	1.6	22	66
6800	15	58.3	101	8886	1.3	11	44	67.5	122	10768	1.4	19	66
6800	20	60	91.6	8070	1.2	9.2	44	68.5	111	9777	1.3	16	66
7600	-5	49.1	151	13340	1.9	22	54	61.4	186	16375	2.2	39	81
7600	0	51.2	141	12394	1.8	20	54	62.8	172	15192	2	35	81
7600	5	53.2	130	11465	1.6	17	54	64.1	159	14034	1.9	30	81
7600	10	55.2	120	10551	1.5	15	54	65.3	146	12902	1.7	26	81
7600	15	57.1	110	9652	1.4	13	54	66.4	134	11794	1.6	22	81
7600	20	58.9	99.5	8768	1.3	11	54	67.5	122	10710	1.4	19	81
8400	-5	47.7	163	14350	2.1	25	65	60.1	201	17742	2.4	45	97
8400	0	49.9	151	13336	1.9	22	65	61.6	187	16464	2.2	40	97
8400	5	52	140	12338	1.8	19	65	62.9	173	15212	2	35	97
8400	10	54	129	11356	1.6	17	65	64.2	159	13987	1.9	30	97
8400	15	56	118	10389	1.5	14	65	65.4	145	12788	1.7	26	97
8400	20	57.9	107	9438	1.4	12	65	66.6	132	11614	1.6	22	97
9200	-5	46.4	174	15324	2.2	28	77	58.9	216	19070	2.5	51	115
9200	0	48.6	162	14244	2	25	77	60.4	201	17699	2.4	45	115
9200	5	50.8	150	13180	1.9	22	77	61.9	186	16357	2.2	39	115
9200	10	52.9	138	12132	1.7	19	77	63.2	171	15042	2	34	115
9200	15	55	126	11101	1.6	16	77	64.5	156	13754	1.8	29	115
9200	20	57	114	10086	1.4	14	77	65.8	142	12492	1.7	25	115

T 4

Coil output in heating applications (water 70-60 °C)

TH 70/60		2 R						3 R					
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
6000	-5	27.1	70.8	6199	1.6	14	17	37.4	93.5	8190	1.5	14	26
6000	0	30.1	65.2	5712	1.4	12	17	39.7	86.1	7539	1.4	12	26
6000	5	33.1	59.7	5231	1.3	11	17	42	78.8	6897	1.3	11	26
6000	10	36	54.3	4755	1.2	8.9	17	44.2	71.5	6264	1.1	9	26
6000	15	38.8	48.9	4283	1.1	7.4	17	46.3	64.4	5640	1	7.5	26
6000	20	41.6	43.6	3817	1	6	17	48.4	57.4	5026	0.9	6.1	26
6800	-5	25.7	76.8	6722	1.7	16	22	35.8	102	8939	1.6	17	33
6800	0	28.8	70.7	6195	1.6	14	22	38.3	94	8229	1.5	15	33
6800	5	31.9	64.8	5674	1.4	12	22	40.6	86	7530	1.4	12	33
6800	10	34.9	58.9	5157	1.3	10	22	43	78.1	6840	1.2	11	33
6800	15	37.8	53.1	4646	1.2	8.5	22	45.2	70.3	6159	1.1	8.7	33
6800	20	40.7	47.3	4140	1	7	22	47.4	62.7	5488	1	7.1	33
7600	-5	24.5	82.4	7219	1.8	18	27	34.4	110	9653	1.8	19	40
7600	0	27.7	76	6654	1.7	16	27	37	101	8888	1.6	17	40
7600	5	30.8	69.6	6094	1.5	14	27	39.4	92.9	8133	1.5	14	40
7600	10	33.9	63.3	5540	1.4	12	27	41.9	84.4	7389	1.3	12	40
7600	15	36.9	57	4991	1.3	9.7	27	44.2	76	6654	1.2	10	40
7600	20	39.9	50.8	4448	1.1	7.9	27	46.5	67.7	5929	1.1	8.2	40
8400	-5	23.4	87.9	7694	1.9	21	32	33.2	118	10337	1.9	22	48
8400	0	26.7	81	7092	1.8	18	32	35.8	109	9519	1.7	19	48
8400	5	29.9	74.2	6496	1.6	15	32	38.4	99.5	8712	1.6	16	48
8400	10	33	67.4	5905	1.5	13	32	40.9	90.4	7915	1.4	14	48
8400	15	36.1	60.8	5320	1.3	11	32	43.3	81.4	7128	1.3	11	48
8400	20	39.1	54.1	4741	1.2	8.8	32	45.6	72.5	6351	1.2	9.2	48
9200	-5	22.5	93	8149	2	23	38	32.1	126	10995	2	24	57
9200	0	25.8	85.8	7513	1.9	20	38	34.8	116	10126	1.8	21	57
9200	5	29.1	78.6	6882	1.7	17	38	37.4	106	9268	1.7	18	57
9200	10	32.3	71.4	6256	1.6	14	38	40	96.2	8420	1.5	15	57
9200	15	35.4	64.4	5637	1.4	12	38	42.5	86.6	7584	1.4	13	57
9200	20	38.5	57.3	5022	1.3	9.8	38	44.9	77.2	6757	1.2	10	57

TH 70/60		4 R						6 R					
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
6000	-5	45.1	111	9679	1.4	13	35	55.6	134	11725	1.6	23	52
6000	0	46.9	102	8900	1.3	11	35	56.7	123	10771	1.4	20	52
6000	5	48.6	92.9	8135	1.2	9.7	35	57.8	112	9838	1.3	17	52
6000	10	50.3	84.3	7384	1.1	8.2	35	58.8	102	8927	1.2	14	52
6000	15	51.9	75.9	6647	1	6.8	35	59.7	91.8	8037	1.1	12	52
6000	20	53.5	67.6	5921	0.9	5.6	35	60.5	81.8	7166	1	9.7	52
6800	-5	43.5	121	10622	1.5	16	44	54.3	148	12990	1.7	27	66
6800	0	45.4	112	9770	1.4	13	44	55.5	136	11934	1.6	24	66
6800	5	47.3	102	8932	1.3	12	44	56.6	124	10903	1.5	20	66
6800	10	49.1	92.6	8108	1.2	9.7	44	57.7	113	9894	1.3	17	66
6800	15	50.8	83.3	7298	1	8.1	44	58.7	102	8907	1.2	14	66
6800	20	52.4	74.2	6502	0.9	6.6	44	59.6	90.7	7942	1.1	12	66
7600	-5	42.1	132	11526	1.7	18	54	53	162	14209	1.9	32	81
7600	0	44.1	121	10603	1.5	16	54	54.3	149	13057	1.7	28	81
7600	5	46.1	111	9694	1.4	13	54	55.5	136	11931	1.6	24	81
7600	10	47.9	100	8801	1.3	11	54	56.7	124	10828	1.4	20	81
7600	15	49.8	90.5	7923	1.1	9.3	54	57.8	111	9749	1.3	17	81
7600	20	51.5	80.6	7058	1	7.6	54	58.8	99.3	8692	1.2	14	81
8400	-5	40.8	142	12395	1.8	20	65	51.9	176	15391	2.1	37	97
8400	0	42.9	130	11403	1.6	18	65	53.2	162	14145	1.9	32	97
8400	5	45	119	10428	1.5	15	65	54.5	148	12927	1.7	27	97
8400	10	46.9	108	9468	1.4	13	65	55.8	134	11733	1.6	23	97
8400	15	48.8	97.3	8523	1.2	11	65	56.9	121	10565	1.4	19	97
8400	20	50.7	86.7	7593	1.1	8.6	65	58	108	9420	1.3	16	97
9200	-5	39.6	151	13233	1.9	23	77	50.8	189	16537	2.2	42	115
9200	0	41.8	139	12176	1.7	20	77	52.2	174	15201	2	36	115
9200	5	44	127	11136	1.6	17	77	53.6	159	13893	1.9	31	115
9200	10	46	115	10111	1.5	14	77	54.9	144	12612	1.7	26	115
9200	15	48	104	9103	1.3	12	77	56.2	130	11357	1.5	22	115
9200	20	49.9	92.6	8110	1.2	9.7	77	57.3	116	10126	1.4	18	115

T 4

Coil output in heating applications (water 50-45 °C)

TH 50/45		2 R						3 R					
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
6000	-5	19.1	53.25	9246	2.31	30.9	17	26.8	70.15	12179	2.22	31.2	26
6000	0	22	47.78	8296	2.08	25.5	17	29	62.87	10916	1.99	25.8	26
6000	5	24.9	42.37	7356	1.84	20.7	17	31.2	55.7	9671	1.76	20.9	26
6000	10	27.7	37.02	6427	1.61	16.3	17	33.3	48.64	8445	1.54	16.5	26
6000	15	30.4	31.72	5508	1.38	12.5	17	35.3	41.68	7237	1.32	12.6	26
6000	20	33.1	26.49	4599	1.15	9.1	17	37.2	34.83	6046	1.1	9.2	26
6800	-5	18.1	57.77	10030	2.51	35.6	22	25.6	76.6	13299	2.42	36.4	33
6800	0	21.1	51.84	9000	2.25	29.4	22	28	68.66	11921	2.17	30.1	33
6800	5	24.1	45.97	7981	2	23.9	22	30.2	60.84	10563	1.92	24.3	33
6800	10	27	40.17	6973	1.74	18.8	22	32.4	53.13	9225	1.68	19.2	33
6800	15	29.8	34.42	5976	1.5	14.4	22	34.6	45.53	7905	1.44	14.7	33
6800	20	32.6	28.74	4990	1.25	10.5	22	36.6	38.04	6605	1.2	10.7	33
7600	-5	17.2	62.06	10775	2.7	40.3	27	24.6	82.75	14368	2.61	41.7	40
7600	0	20.3	55.7	9670	2.42	33.4	27	27	74.19	12881	2.34	34.5	40
7600	5	23.3	49.4	8576	2.15	27.1	27	29.4	65.75	11415	2.08	27.9	40
7600	10	26.3	43.16	7493	1.87	21.4	27	31.7	57.42	9969	1.81	22	40
7600	15	29.2	36.99	6421	1.61	16.3	27	33.9	49.2	8543	1.55	16.8	40
7600	20	32.1	30.88	5360	1.34	11.9	27	36.1	41.1	7136	1.3	12.3	40
8400	-5	16.4	66.16	11487	2.87	45.1	32	23.7	88.65	15392	2.8	47.1	48
8400	0	19.6	59.38	10310	2.58	37.3	32	26.2	79.49	13801	2.51	38.9	48
8400	5	22.7	52.67	9144	2.29	30.3	32	28.6	70.45	12231	2.23	31.5	48
8400	10	25.7	46.02	7989	2	23.9	32	31	61.53	10682	1.94	24.8	48
8400	15	28.7	39.43	6846	1.71	18.2	32	33.3	52.73	9154	1.67	19	48
8400	20	31.6	32.92	5715	1.43	13.3	32	35.6	44.04	7646	1.39	13.8	48
9200	-5	15.7	70.09	12169	3.04	49.9	38	-	-	-	-	-	-
9200	0	18.9	62.91	10923	2.73	41.3	38	25.5	84.58	14685	2.67	43.3	57
9200	5	22.1	55.8	9688	2.42	33.5	38	28	74.97	13016	2.37	35.1	57
9200	10	25.2	48.76	8465	2.12	26.5	38	30.4	65.48	11368	2.07	27.7	57
9200	15	28.3	41.78	7254	1.81	20.2	38	32.8	56.11	9742	1.77	21.1	57
9200	20	31.3	34.87	6054	1.51	14.7	38	35.1	46.86	8136	1.48	15.4	57

TH 50/45		4 R						6 R					
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
6000	-5	32.4	82.67	14352	2.05	28.6	35	40.1	99.61	17294	2.31	49.2	52
6000	0	34.2	74.02	12853	1.84	23.6	35	41.1	89.1	15469	2.06	40.5	52
6000	5	35.8	65.53	11376	1.63	19	35	42	78.84	13688	1.83	32.7	52
6000	10	37.4	57.2	9929	1.42	15	35	42.9	68.83	11949	1.59	25.8	52
6000	15	38.9	49.01	8509	1.22	11.5	35	43.7	59.04	10250	1.37	19.7	52
6000	20	40.3	40.97	7114	1.02	8.4	35	44.5	49.48	8590	1.15	14.5	52
6800	-5	31.3	90.79	15764	2.25	33.7	44	-	-	-	-	-	-
6800	0	33.1	81.31	14117	2.02	27.8	44	40.2	98.79	17151	2.29	48.5	66
6800	5	34.8	71.99	12499	1.79	22.5	44	41.2	87.43	15178	2.03	39.1	66
6800	10	36.5	62.84	10910	1.56	17.7	44	42.2	76.33	13251	1.77	30.9	66
6800	15	38.1	53.84	9349	1.34	13.5	44	43.1	65.47	11367	1.52	23.6	66
6800	20	39.7	45	7813	1.12	9.9	44	44	54.86	9524	1.27	17.3	66
7600	-5	30.2	98.57	17114	2.45	38.9	54	-	-	-	-	-	-
7600	0	32.2	88.29	15329	2.19	32.1	54	-	-	-	-	-	-
7600	5	34	78.18	13574	1.94	25.9	54	40.5	95.73	16619	2.22	45.9	81
7600	10	35.8	68.24	11849	1.69	20.4	54	41.6	83.58	14509	1.94	36.2	81
7600	15	37.5	58.48	10153	1.45	15.6	54	42.6	71.7	12448	1.66	27.7	81
7600	20	39.1	48.87	8485	1.21	11.4	54	43.5	60.06	10426	1.39	20.3	81
8400	-5	29.3	106.05	18413	2.63	44.2	65	-	-	-	-	-	-
8400	0	31.3	95	16494	2.36	36.5	65	-	-	-	-	-	-
8400	5	33.2	84.13	14607	2.09	29.5	65	-	-	-	-	-	-
8400	10	35.1	73.45	12752	1.82	23.3	65	41	90.62	15733	2.1	41.7	97
8400	15	36.9	62.93	10926	1.56	17.7	65	42	77.73	13496	1.8	31.9	97
8400	20	38.6	52.59	9130	1.31	13	65	43	65.11	11304	1.51	23.4	97
9200	-5	28.5	113.26	19665	2.81	49.6	77	-	-	-	-	-	-
9200	0	30.5	101.48	17619	2.52	40.9	77	-	-	-	-	-	-
9200	5	32.5	89.88	15605	2.23	33.1	77	-	-	-	-	-	-
9200	10	34.5	78.46	13623	1.95	26.1	77	40.4	97.45	16919	2.26	47.3	115
9200	15	36.3	67.23	11673	1.67	19.9	77	41.5	83.59	14513	1.94	36.2	115
9200	20	38.1	56.17	9753	1.39	14.5	77	42.6	70.01	12155	1.62	26.5	115

T 4

Coil output in cooling applications (water 7-12 °C)

TH			2 R								3 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
6000	22	50	16.9	69	10.25	1763	0.4	2	17	1	15.1	77	13.87	2386	0.4	2	26	1
6000	24	50	18.1	70	12.96	2230	0.6	3	26	0.9	16.1	78	18.07	3109	0.6	4	38	0.87
6000	26	50	19.2	70	17.89	3078	0.8	6	26	0.75	16.9	77	24.58	4228	0.8	6	38	0.73
6000	28	50	20.3	69	23.16	3983	1	9	26	0.66	17.6	77	31.44	5408	1	9	38	0.65
6000	30	50	21.4	69	28.8	4953	1.2	13	26	0.59	18.4	77	38.77	6668	1.2	14	38	0.58
6000	32	50	22.5	69	34.85	5994	1.5	18	26	0.53	19.2	76	46.61	8017	1.5	19	38	0.53
6800	22	50	17.1	68	11.07	1904	0.5	2	22	1	15.4	76	15.08	2593	0.5	3	33	1
6800	24	50	18.4	69	13.97	2403	0.6	4	32	0.91	16.4	77	19.54	3361	0.6	4	48	0.87
6800	26	50	19.5	69	19.28	3316	0.8	6	32	0.76	17.2	76	26.64	4582	0.8	7	48	0.74
6800	28	50	20.6	68	24.99	4299	1.1	10	32	0.66	18	76	34.15	5874	1.1	11	48	0.65
6800	30	50	21.7	68	31.12	5352	1.3	15	32	0.59	18.9	75	42.18	7254	1.3	16	48	0.58
6800	32	50	22.9	68	37.71	6485	1.6	21	32	0.53	19.7	75	50.76	8730	1.6	22	48	0.53
7600	22	50	17.3	67	11.84	2037	0.5	3	27	1	15.6	75	16.22	2790	0.5	3	40	1
7600	24	50	18.6	68	14.88	2559	0.6	4	40	0.91	16.7	76	20.92	3600	0.7	5	60	0.88
7600	26	50	19.8	68	20.59	3542	0.9	7	40	0.76	17.5	75	28.59	4917	0.9	8	60	0.74
7600	28	50	20.9	68	26.73	4598	1.2	11	40	0.66	18.4	75	36.71	6315	1.2	12	60	0.65
7600	30	50	22.1	67	33.32	5730	1.4	17	40	0.59	19.3	74	45.41	7810	1.4	18	60	0.58
7600	32	50	23.3	67	40.41	6951	1.7	23	40	0.53	20.2	74	54.7	9407	1.7	25	60	0.53

TH			4 R								6 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
6000	22	50	13.7	84	16.68	2870	0.4	2	35	1	12	92	21.45	3689	0.5	4	77	0.93
6000	24	50	14.6	84	22.17	3814	0.6	4	51	0.84	12.1	91	30.34	5219	0.7	8	77	0.78
6000	26	50	15.1	83	29.81	5127	0.7	6	51	0.72	12.3	91	39.49	6793	0.9	12	77	0.69
6000	28	50	15.7	83	37.86	6514	0.9	9	51	0.64	12.5	91	49.02	8431	1.1	17	77	0.62
6000	30	50	16.2	83	46.39	7982	1.1	13	51	0.58	12.7	91	59.05	10157	1.4	24	77	0.57
6000	32	50	16.8	82	55.49	9545	1.4	17	51	0.53	13	91	69.7	11987	1.6	32	77	0.53
6800	22	50	14	83	18.22	3135	0.5	2	44	1	12.3	91	23.43	4030	0.5	5	98	0.94
6800	24	50	14.9	82	24.09	4143	0.6	4	65	0.85	12.4	90	33.29	5726	0.8	9	98	0.78
6800	26	50	15.5	82	32.49	5590	0.8	7	65	0.73	12.6	90	43.43	7470	1	14	98	0.69
6800	28	50	16.1	82	41.33	7110	1	10	65	0.64	12.9	90	54.02	9292	1.2	21	98	0.62
6800	30	50	16.7	81	50.73	8725	1.3	15	65	0.58	13.2	90	65.19	11212	1.5	29	98	0.57
6800	32	50	17.3	81	60.74	10450	1.5	20	65	0.53	13.4	89	77.04	13252	1.8	38	98	0.53
7600	22	50	14.3	81	19.69	3387	0.5	3	54	1	11.9	95	25.73	4427	0.6	6	81	1
7600	24	50	15.2	81	25.9	4456	0.6	5	80	0.85	12.7	89	36.14	6217	0.8	10	120	0.79
7600	26	50	15.8	81	35.02	6025	0.9	8	80	0.73	13	89	47.22	8121	1.1	16	120	0.69
7600	28	50	16.4	81	44.64	7677	1.1	12	80	0.64	13.2	89	58.85	10122	1.4	24	120	0.62
7600	30	50	17.1	80	54.87	9438	1.4	17	80	0.58	13.6	89	71.09	12228	1.6	33	120	0.57
7600	32	50	17.7	80	65.79	11315	1.6	24	80	0.53	13.9	88	84.1	14463	1.9	45	120	0.53

T 4

Coil output in cooling applications (water 5-10 °C)

TH			2 R								3 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
6000	22	50	16.2	70	12.93	2225	0.6	3	26	0.9	14.2	77	18	3096	0.6	4	38	0.87
6000	24	50	17.3	69	17.55	3019	0.8	5	26	0.76	15	77	24.1	4145	0.8	6	38	0.75
6000	26	50	18.4	69	22.49	3867	1	8	26	0.67	15.7	76	30.52	5249	1	9	38	0.66
6000	28	50	19.5	69	27.75	4772	1.2	12	26	0.61	16.5	76	37.37	6427	1.2	13	38	0.6
6000	30	50	20.6	68	33.4	5744	1.4	17	26	0.55	17.4	76	44.69	7685	1.4	18	38	0.55
6000	32	50	21.7	68	39.46	6786	1.7	23	26	0.51	18.2	76	52.49	9029	1.6	23	38	0.51
6800	22	50	16.5	69	13.91	2392	0.6	4	32	0.91	14.5	76	19.47	3348	0.6	4	48	0.87
6800	24	50	17.6	69	18.92	3254	0.8	6	32	0.77	15.3	76	26.12	4492	0.8	7	48	0.75
6800	26	50	18.7	68	24.27	4174	1	10	32	0.67	16.2	75	33.15	5702	1	10	48	0.67
6800	28	50	19.8	68	29.99	5157	1.3	14	32	0.61	17	75	40.64	6989	1.3	15	48	0.6
6800	30	50	21	68	36.13	6214	1.6	19	32	0.55	17.9	75	48.66	8367	1.5	20	48	0.55
6800	32	50	22.2	67	42.72	7347	1.8	26	32	0.51	18.7	74	57.22	9841	1.8	27	48	0.51
7600	22	50	16.7	68	14.85	2554	0.6	4	40	0.91	14.8	75	20.85	3587	0.7	5	60	0.88
7600	24	50	17.8	68	20.21	3476	0.9	7	40	0.77	15.6	75	28.04	4822	0.9	8	60	0.75
7600	26	50	19	67	25.95	4464	1.1	11	40	0.68	16.5	74	35.64	6130	1.1	12	60	0.67
7600	28	50	20.2	67	32.11	5522	1.4	16	40	0.61	17.4	74	43.76	7525	1.4	17	60	0.6
7600	30	50	21.4	67	38.72	6659	1.7	22	40	0.55	18.3	74	52.43	9017	1.6	23	60	0.55
7600	32	50	22.6	67	45.81	7878	2	29	40	0.51	19.2	73	61.71	10613	1.9	31	60	0.51

TH			4 R								6 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
6000	22	50	12.7	83	22.05	3793	0.5	4	51	0.85	10.2	91	30.05	5169	0.7	8	77	0.79
6000	24	50	13.2	83	29.21	5023	0.7	6	51	0.74	10.4	91	38.63	6643	0.9	12	77	0.7
6000	26	50	13.8	82	36.75	6321	0.9	9	51	0.66	10.5	91	47.7	8204	1.1	17	77	0.64
6000	28	50	14.3	82	44.73	7693	1.1	12	51	0.6	10.8	90	56.93	9791	1.3	23	77	0.59
6000	30	50	14.9	82	53.21	9152	1.3	16	51	0.55	11.1	90	66.86	11498	1.5	30	77	0.55
6000	32	50	15.5	82	62.26	10709	1.5	22	51	0.51	11.3	90	77.42	13314	1.8	39	77	0.52
6800	22	50	13	82	23.97	4122	0.6	4	65	0.85	10.5	90	32.98	5673	0.8	9	98	0.79
6800	24	50	13.6	82	31.84	5478	0.8	7	65	0.74	10.7	90	42.49	7307	1	14	98	0.71
6800	26	50	14.2	81	40.12	6900	1	10	65	0.66	11	89	52.4	9012	1.2	20	98	0.64
6800	28	50	14.8	81	48.9	8410	1.2	14	65	0.6	11.3	89	62.84	10807	1.4	27	98	0.59
6800	30	50	15.4	81	58.25	10019	1.4	19	65	0.55	11.5	89	73.9	12707	1.7	36	98	0.55
6800	32	50	16	80	68.23	11735	1.7	25	65	0.51	11.9	89	85.66	14730	2	47	98	0.52
7600	22	50	13.3	81	25.78	4435	0.6	5	80	0.86	10.8	89	35.79	6155	0.8	10	120	0.8
7600	24	50	13.9	81	34.33	5905	0.8	8	80	0.74	11	89	46.19	7946	1.1	16	120	0.71
7600	26	50	14.6	80	43.33	7451	1.1	11	80	0.66	11.3	88	57.06	9816	1.3	23	120	0.64
7600	28	50	15.2	80	52.89	9095	1.3	16	80	0.6	11.7	88	68.53	11786	1.6	32	120	0.59
7600	30	50	15.9	79	63.08	10848	1.6	22	80	0.55	12	88	80.68	13874	1.9	42	120	0.55
7600	32	50	16.6	79	73.93	12717	1.8	29	80	0.51	-	-	-	-	-	-	-	-

T 5

Coil output in heating applications (water 80-70 °C)

TH 80/70		2 R							3 R						
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa		TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	
8600	-5	31.7	116.14	10237	1.86	19	18		43.4	153.02	13489	1.69	16.4	27	
8600	0	34.8	108.15	9533	1.73	16.7	18		45.8	142.29	12542	1.57	14.5	27	
8600	5	37.9	100.24	8836	1.61	14.7	18		48.2	131.7	11609	1.45	12.6	27	
8600	10	40.8	92.41	8146	1.48	12.7	18		50.5	121.27	10690	1.34	10.9	27	
8600	15	43.8	84.67	7463	1.36	10.9	18		52.7	110.99	9783	1.22	9.4	27	
8600	20	46.6	77.01	6788	1.23	9.2	18		54.8	100.85	8889	1.11	7.9	27	
9700	-5	30.2	125.57	11068	2.01	21.7	22		41.6	166.48	14674	1.84	19.1	34	
9700	0	33.4	116.95	10308	1.88	19.2	22		44.2	154.83	13647	1.71	16.8	34	
9700	5	36.5	108.41	9556	1.74	16.8	22		46.7	143.34	12634	1.58	14.7	34	
9700	10	39.6	99.96	8811	1.6	14.6	22		49.1	132	11636	1.46	12.7	34	
9700	15	42.6	91.6	8074	1.47	12.5	22		51.4	120.83	10651	1.33	10.9	34	
9700	20	45.5	83.31	7344	1.34	10.6	22		53.6	109.81	9679	1.21	9.2	34	
10800	-5	28.9	134.55	11860	2.16	24.5	27		40.1	179.33	15807	1.98	21.7	41	
10800	0	32.1	125.33	11047	2.01	21.7	27		42.8	166.81	14704	1.84	19.1	41	
10800	5	35.3	116.2	10242	1.86	19	27		45.3	154.46	13615	1.7	16.7	41	
10800	10	38.5	107.15	9445	1.72	16.5	27		47.8	142.27	12540	1.57	14.5	41	
10800	15	41.6	98.19	8655	1.57	14.1	27		50.2	130.24	11480	1.44	12.4	41	
10800	20	44.6	89.32	7873	1.43	12	27		52.6	118.36	10433	1.31	10.5	41	
11900	-5	27.7	143.14	12617	2.3	27.3	33		38.8	191.67	16894	2.11	24.4	49	
11900	0	31	133.35	11754	2.14	24.1	33		41.5	178.31	15717	1.97	21.5	49	
11900	5	34.3	123.64	10898	1.98	21.2	33		44.1	165.13	14555	1.82	18.8	49	
11900	10	37.5	114.03	10050	1.83	18.4	33		46.7	152.11	13408	1.68	16.3	49	
11900	15	40.6	104.5	9211	1.68	15.8	33		49.2	139.27	12275	1.54	13.9	49	
11900	20	43.7	95.06	8379	1.52	13.4	33		51.6	126.58	11157	1.4	11.8	49	
13000	-5	26.6	151.39	13344	2.43	30.1	39		37.6	203.54	17941	2.24	27.1	58	
13000	0	30	141.05	12432	2.26	26.6	39		40.3	189.39	16693	2.09	23.9	58	
13000	5	33.4	130.79	11528	2.1	23.3	39		43	175.41	15461	1.93	20.9	58	
13000	10	36.6	120.63	10632	1.93	20.3	39		45.7	161.6	14244	1.78	18.1	58	
13000	15	39.8	110.56	9744	1.77	17.4	39		48.2	147.96	13042	1.63	15.5	58	
13000	20	43	100.58	8865	1.61	14.7	39		50.7	134.49	11855	1.48	13.1	58	

TH 80/70		4 R							6 R						
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa		TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	
8600	-5	52.2	181.09	15963	1.68	18.4	36		64.2	219.03	19306	2.03	38.4	55	
8600	0	54.1	168.2	14826	1.56	16.1	36		65.4	203.13	17904	1.89	33.7	55	
8600	5	56	155.54	13710	1.44	14.1	36		66.5	187.59	16534	1.74	29.3	55	
8600	10	57.8	143.1	12614	1.33	12.2	36		67.5	172.41	15197	1.6	25.3	55	
8600	15	59.4	130.88	11537	1.22	10.4	36		68.5	157.58	13890	1.46	21.6	55	
8600	20	61.1	118.87	10478	1.1	8.8	36		69.4	143.09	12612	1.33	18.2	55	
9700	-5	50.5	198.09	17461	1.84	21.5	45		62.7	241.75	21309	2.24	45.6	68	
9700	0	52.5	184.03	16222	1.71	18.9	45		64	224.25	19767	2.08	40	68	
9700	5	54.5	170.21	15004	1.58	16.5	45		65.2	207.15	18260	1.92	34.8	68	
9700	10	56.3	156.63	13806	1.45	14.2	45		66.3	190.43	16786	1.77	30.1	68	
9700	15	58.1	143.28	12629	1.33	12.2	45		67.4	174.08	15345	1.62	25.7	68	
9700	20	59.9	130.15	11472	1.21	10.3	45		68.4	158.09	13935	1.47	21.7	68	
10800	-5	49	214.4	18898	1.99	24.7	55		-	-	-	-	-	-	
10800	0	51.1	199.22	17560	1.85	21.7	55		62,7	244,69	21569	2,27	46,6	83	
10800	5	53.1	184.3	16245	1.71	18.9	55		64	226,08	19928	2,1	40,6	83	
10800	10	55.1	169.62	14951	1.57	16.4	55		65,2	207,87	18323	1,93	35	83	
10800	15	57	155.18	13678	1.44	14	55		66,4	190,05	16752	1,76	30	83	
10800	20	58.8	140.97	12426	1.31	11.8	55		67,5	172,61	15215	1,6	25,3	83	
11900	-5	47.5	230.1	20282	2.14	27.9	66		-	-	-	-	-	-	
11900	0	49.8	213.85	18850	1.99	24.6	66		-	-	-	-	-	-	
11900	5	51.9	197.86	17441	1.84	21.4	66		62,9	244,44	21546	2,27	46,5	100	
11900	10	53.9	182.13	16054	1.69	18.5	66		64,2	224,79	19814	2,09	40,2	100	
11900	15	55.9	166.64	14689	1.55	15.9	66		65,4	205,55	18118	1,91	34,4	100	
11900	20	57.8	151.4	13346	1.41	13.4	66		66,6	186,7	16457	1,73	29	100	
13000	-5	46.3	245.26	21618	2.28	31.2	78		-	-	-	-	-	-	
13000	0	48.5	227.98	20095	2.12	27.5	78		-	-	-	-	-	-	
13000	5	50.7	210.96	18595	1.96	24	78		-	-	-	-	-	-	
13000	10	52.9	194.21	17119	1.8	20.7	78		63,3	241,24	21264	2,24	45,5	117	
13000	15	54.9	177.72	15665	1.65	17.8	78		64,6	220,62	19446	2,05	38,9	117	
13000	20	56.9	161.48	14234	1.5	15	78		65,8	200,41	17665	1,86	32,9	117	

T 5

Coil output in heating applications (water 70-60 °C)

TH 70/60		2 R						3 R					
PA m ³ /h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
8600	-5	26.8	101	8819	1.6	15	18	37	133	11640	1.5	13	27
8600	0	29.9	92.8	8128	1.5	13	18	39.4	122	10713	1.3	12	27
8600	5	32.9	85	7443	1.4	11	18	41.7	112	9800	1.2	9.8	27
8600	10	35.8	77.3	6766	1.2	9.6	18	43.9	102	8901	1.1	8.3	27
8600	15	38.6	69.6	6096	1.1	8	18	46.1	91.5	8014	1	6.9	27
8600	20	41.4	62	5433	1	6.5	18	48.2	81.5	7139	0.9	5.6	27
9700	-5	25.5	109	9533	1.7	18	22	35.5	145	12659	1.6	15	34
9700	0	28.6	100	8786	1.6	15	22	38	133	11653	1.5	13	34
9700	5	31.7	91.9	8047	1.5	13	22	40.4	122	10661	1.3	11	34
9700	10	34.7	83.5	7315	1.3	11	22	42.7	111	9683	1.2	9.6	34
9700	15	37.7	75.3	6591	1.2	9.2	22	45	99.5	8719	1.1	8	34
9700	20	40.5	67.1	5874	1.1	7.5	22	47.2	88.7	7768	1	6.5	34
10800	-5	24.3	117	10212	1.9	20	27	34.2	156	13632	1.7	18	41
10800	0	27.6	107	9413	1.7	17	27	36.7	143	12550	1.6	15	41
10800	5	30.7	98.5	8622	1.6	15	27	39.2	131	11484	1.4	13	41
10800	10	33.8	89.5	7838	1.4	12	27	41.6	119	10431	1.3	11	41
10800	15	36.8	80.6	7062	1.3	10	27	44	107	9392	1.2	9.1	41
10800	20	39.8	71.9	6294	1.2	8.5	27	46.3	95.5	8367	1.1	7.4	41
11900	-5	23.3	124	10861	2	22	33	33	166	14565	1.8	20	49
11900	0	26.6	114	10012	1.8	19	33	35.6	153	13411	1.7	17	49
11900	5	29.8	105	9171	1.7	16	33	38.2	140	12273	1.5	15	49
11900	10	33	95.2	8339	1.5	14	33	40.7	127	11148	1.4	12	49
11900	15	36.1	85.8	7513	1.4	12	33	43.1	115	10039	1.3	10	49
11900	20	39.1	76.5	6695	1.2	9.4	33	45.5	102	8943	1.1	8.4	49
13000	-5	22.4	131	11486	2.1	24	39	31.9	177	15464	1.9	22	58
13000	0	25.7	121	10589	1.9	21	39	34.6	163	14240	1.8	19	58
13000	5	29	111	9700	1.8	18	39	37.3	149	13032	1.6	16	58
13000	10	32.2	101	8819	1.6	15	39	39.8	135	11839	1.5	14	58
13000	15	35.4	90.7	7947	1.5	13	39	42.3	122	10661	1.3	11	58
13000	20	38.5	80.9	7081	1.3	10	39	44.8	108	9497	1.2	9.3	58

TH 70/60		4 R						6 R					
PA m ³ /h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
8600	-5	44.8	158	13805	1.5	15	36	55.5	192	16774	1.8	31	55
8600	0	46.7	145	12696	1.3	13	36	56.6	176	15411	1.6	27	55
8600	5	48.4	133	11606	1.2	11	36	57.7	161	14079	1.5	23	55
8600	10	50.1	120	10535	1.1	9.3	36	58.7	146	12776	1.4	20	55
8600	15	51.8	108	9485	1	7.7	36	59.6	131	11504	1.2	16	55
8600	20	53.3	96.5	8451	0.9	6.3	36	60.5	117	10261	1.1	13	55
9700	-5	43.3	172	15095	1.6	17	45	54.2	211	18506	2	37	68
9700	0	45.2	159	13885	1.5	15	45	55.4	194	17005	1.8	32	68
9700	5	47.1	145	12695	1.3	13	45	56.6	177	15538	1.6	27	68
9700	10	48.9	132	11525	1.2	11	45	57.6	161	14104	1.5	23	68
9700	15	50.7	118	10375	1.1	9	45	58.7	145	12700	1.3	19	68
9700	20	52.3	106	9246	1	7.4	45	59.6	129	11327	1.2	16	68
10800	-5	41.9	186	16332	1.7	20	55	53	230	20180	2.1	43	83
10800	0	44	172	15025	1.6	17	55	54.3	212	18547	2	37	83
10800	5	45.9	157	13739	1.5	15	55	55.5	194	16950	1.8	32	83
10800	10	47.8	142	12475	1.3	12	55	56.7	176	15387	1.6	27	83
10800	15	49.7	128	11231	1.2	10	55	57.8	158	13857	1.5	22	83
10800	20	51.4	114	10006	1.1	8.5	55	58.8	141	12359	1.3	18	83
11900	-5	40.7	200	17522	1.9	23	66	51.9	249	21803	2.3	50	100
11900	0	42.8	184	16122	1.7	20	66	53.2	229	###	2.1	43	100
11900	5	44.9	168	14745	1.6	17	66	54.5	209	18319	1.9	37	100
11900	10	46.9	153	13389	1.4	14	66	55.8	190	16631	1.8	31	100
11900	15	48.8	138	12054	1.3	12	66	57	171	14978	1.6	26	100
11900	20	50.6	123	10740	1.1	9.6	66	58.1	153	13359	1.4	21	100
13000	-5	39.6	213	18671	2	25	78	-	-	-	-	-	-
13000	0	41.8	196	17182	1.8	22	78	52.3	245	21495	2.3	48	117
13000	5	43.9	179	15715	1.7	19	78	53.7	224	19649	2.1	41	117
13000	10	46	163	14271	1.5	16	78	55	204	17840	1.9	35	117
13000	15	48	147	12849	1.4	13	78	56.2	183	16068	1.7	29	117
13000	20	49.9	131	11449	1.2	11	78	57.4	164	14331	1.5	24	117

T 5

Coil output in heating applications (water 50-45 °C)

TH 50/45		2 R							3 R						
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa		TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	
8600	-5	18.9	75.76	13154	2.39	33.4	18		26.5	99.72	17314	2.17	28.9	27	
8600	0	21.9	67.98	11803	2.15	27.6	18		28.8	89.37	15516	1.94	23.8	27	
8600	5	24.8	60.29	10467	1.9	22.4	18		31	79.17	13745	1.72	19.3	27	
8600	10	27.6	52.68	9145	1.66	17.7	18		33.1	69.12	12001	1.5	15.2	27	
8600	15	30.3	45.15	7839	1.43	13.5	18		35.1	59.22	10282	1.29	11.6	27	
8600	20	33	37.7	6546	1.19	9.8	18		37.1	49.47	8588	1.07	8.5	27	
9700	-5	18	81.92	14223	2.59	38.2	22		25.4	108.5	18838	2.36	33.5	34	
9700	0	21	73.52	12764	2.32	31.6	22		27.8	97.25	16885	2.11	27.6	34	
9700	5	23.9	65.2	11320	2.06	25.7	22		30	86.16	14960	1.87	22.4	34	
9700	10	26.9	56.97	9891	1.8	20.3	22		32.3	75.23	13062	1.63	17.6	34	
9700	15	29.7	48.83	8478	1.54	15.5	22		34.4	64.46	11191	1.4	13.5	34	
9700	20	32.5	40.77	7079	1.29	11.3	22		36.5	53.83	9347	1.17	9.8	34	
10800	-5	17.1	87.79	15241	2.77	43.2	27		24.4	116.89	20295	2.54	38.1	41	
10800	0	20.2	78.79	13679	2.49	35.7	27		26.9	104.79	18193	2.28	31.5	41	
10800	5	23.2	69.88	12132	2.21	29	27		29.2	92.85	16120	2.02	25.5	41	
10800	10	26.2	61.06	10601	1.93	22.9	27		31.5	81.07	14076	1.76	20.1	41	
10800	15	29.2	52.34	9086	1.65	17.5	27		33.8	69.46	12060	1.51	15.3	41	
10800	20	32	43.7	7586	1.38	12.7	27		36	58.01	10071	1.26	11.2	41	
11900	-5	16.3	93.4	16215	2.95	48.1	33		23.5	124.94	21693	2.71	42.9	49	
11900	0	19.5	83.83	14554	2.65	39.8	33		26.1	112.02	19449	2.43	35.4	49	
11900	5	22.6	74.36	12909	2.35	32.3	33		28.5	99.26	17234	2.16	28.7	49	
11900	10	25.7	64.98	11281	2.05	25.5	33		30.9	86.68	15049	1.88	22.6	49	
11900	15	28.7	55.69	9668	1.76	19.5	33		33.2	74.26	12893	1.61	17.2	49	
11900	20	31.6	46.49	8071	1.47	14.2	33		35.5	62.01	10766	1.35	12.6	49	
13000	-5	15.7	98.78	17150	3.12	53.1	39		22.7	132.7	23039	2.88	47.6	58	
13000	0	18.9	88.67	15395	2.8	43.9	39		25.3	118.98	20657	2.58	39.3	58	
13000	5	22.1	78.65	13655	2.48	35.6	39		27.9	105.44	18307	2.29	31.8	58	
13000	10	25.2	68.73	11933	2.17	28.1	39		30.3	92.08	15986	2	25.1	58	
13000	15	28.2	58.91	10226	1.86	21.5	39		32.7	78.89	13696	1.71	19.2	58	
13000	20	31.2	49.17	8536	1.55	15.7	39		35.1	65.86	11435	1.43	14	58	

TH 50/45		4 R							6 R						
PA m3/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa		TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	
8600	-5	32.3	117.92	20475	2.16	32.2	36		-	-	-	-	-	-	
8600	0	34	105.6	18334	1.93	26.5	36		-	-	-	-	-	-	
8600	5	35.6	93.49	16233	1.71	21.4	36		42	112.81	19585	2.06	44.7	55	
8600	10	37.2	81.61	14170	1.49	16.9	36		42.9	98.5	17100	1.8	35.2	55	
8600	15	38.8	69.94	12142	1.28	12.9	36		43.7	84.52	14674	1.55	27	55	
8600	20	40.2	58.48	10154	1.07	9.4	36		44.5	70.86	12302	1.3	19.8	55	
9700	-5	31.1	129.01	22400	2.36	37.7	45		-	-	-	-	-	-	
9700	0	33	115.55	20062	2.11	31.1	45		-	-	-	-	-	-	
9700	5	34.7	102.32	17765	1.87	25.1	45		-	-	-	-	-	-	
9700	10	36.4	89.32	15509	1.63	19.8	45		42.2	108.79	18886	1.99	41.9	68	
9700	15	38	76.55	13291	1.4	15.1	45		43.1	93.35	16206	1.71	32.1	68	
9700	20	39.6	64	11110	1.17	11	45		44	78.25	13584	1.43	23.6	68	
10800	-5	30.1	139.65	24248	2.55	43.3	55		-	-	-	-	-	-	
10800	0	32.1	125.1	21720	2.29	35.7	55		-	-	-	-	-	-	
10800	5	33.9	110.79	19236	2.03	28.9	55		-	-	-	-	-	-	
10800	10	35.7	96.72	16794	1.77	22.8	55		41.6	118.76	20619	2.17	48.9	83	
10800	15	37.4	82.89	14392	1.52	17.4	55		42.6	101.9	17693	1.86	37.4	83	
10800	20	39.1	69.29	12030	1.27	12.7	55		43.5	85.4	14828	1.56	27.5	83	
11900	-5	29.2	149.9	26027	2.74	49	66		-	-	-	-	-	-	
11900	0	31.2	134.3	23317	2.46	40.4	66		-	-	-	-	-	-	
11900	5	33.2	118.95	20653	2.18	32.7	66		-	-	-	-	-	-	
11900	10	35	103.85	18031	1.9	25.8	66		-	-	-	-	-	-	
11900	15	36.8	89	15453	1.63	19.7	66		42	110.2	19133	2.02	42.9	100	
11900	20	38.6	74.39	12915	1.36	14.4	66		43.1	92.34	16033	1.69	31.5	100	
13000	-5	28.4	159.8	27745	2.92	54.8	78		-	-	-	-	-	-	
13000	0	30.5	143.18	24860	2.62	45.2	78		-	-	-	-	-	-	
13000	5	32.5	126.83	22021	2.32	36.6	78		-	-	-	-	-	-	
13000	10	34.4	110.74	19227	2.03	28.8	78		-	-	-	-	-	-	
13000	15	36.3	94.9	16477	1.74	22	78		41.6	118.26	20533	2.16	48.5	117	
13000	20	38.1	79.31	13770	1.45	16.1	78		42.6	99.09	17205	1.81	35.6	117	

T 5

Coil output in cooling applications (water 7-12 °C)

TH			2 R								3 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
8600	22	50	16.9	69	14.61	2514	0.5	2	18	1	15.2	77	19.58	3369	0.4	2	27	1
8600	24	50	18.1	70	18.53	3187	0.6	3	27	0.9	16.2	78	25.32	4355	0.5	3	40	0.88
8600	26	50	19.2	70	25.55	4395	0.8	6	27	0.75	17	77	34.57	5945	0.7	6	40	0.74
8600	28	50	20.3	69	33.04	5684	1	10	27	0.66	17.8	77	44.32	7624	1	9	40	0.65
8600	30	50	21.4	69	41.07	7063	1.3	14	27	0.59	18.6	76	54.74	9415	1.2	12	40	0.58
8600	32	50	22.5	69	49.69	8546	1.6	20	27	0.53	19.4	76	65.9	11334	1.4	17	40	0.53
9700	22	50	17.1	68	15.74	2707	0.5	3	22	1	15.5	75	21.2	3648	0.5	2	34	1
9700	24	50	18.4	69	19.91	3425	0.6	4	33	0.91	16.5	76	27.28	4692	0.6	4	50	0.88
9700	26	50	19.5	69	27.45	4723	0.9	7	33	0.76	17.3	76	37.33	6420	0.8	6	50	0.74
9700	28	50	20.6	68	35.56	6116	1.1	11	33	0.66	18.2	76	47.96	8251	1	10	50	0.65
9700	30	50	21.8	68	44.25	7610	1.4	16	33	0.59	19	75	59.33	10203	1.3	14	50	0.59
9700	32	50	22.9	68	53.6	9219	1.7	22	33	0.53	19.9	75	71.5	12297	1.5	20	50	0.53
10800	22	50	17.3	67	16.8	2890	0.5	3	27	1	15.7	74	22.75	3913	0.5	3	41	1
10800	24	50	18.6	68	21.16	3640	0.7	4	41	0.91	16.8	75	29.13	5011	0.6	4	61	0.89
10800	26	50	19.8	68	29.25	5032	0.9	8	41	0.76	17.6	75	39.95	6871	0.9	7	61	0.75
10800	28	50	20.9	68	37.94	6526	1.2	12	41	0.66	18.5	75	51.42	8845	1.1	11	61	0.65
10800	30	50	22.1	67	47.26	8129	1.5	18	41	0.59	19.4	74	63.69	10953	1.4	16	61	0.59
10800	32	50	23.3	67	57.3	9856	1.8	25	41	0.53	20.3	74	76.84	13215	1.7	22	61	0.53

TH			4 R								6 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
8600	22	50	13.7	84	23.87	4107	0.4	2	36	1	12.1	92	30.54	5251	0.5	4	81	0.94
8600	24	50	14.6	83	31.85	5478	0.6	4	54	0.84	12.2	91	43.23	7436	0.7	8	81	0.78
8600	26	50	15.1	83	42.74	7354	0.8	7	54	0.72	12.4	91	56.3	9682	0.9	12	81	0.69
8600	28	50	15.7	83	54.24	9329	1	10	54	0.64	12.6	91	69.89	12023	1.2	18	81	0.62
8600	30	50	16.2	82	66.4	11425	1.2	14	54	0.58	12.8	91	84.23	14488	1.4	25	81	0.57
8600	32	50	16.8	82	79.37	13655	1.4	20	54	0.53	13.1	90	99.44	17103	1.6	33	81	0.53
9700	22	50	14	83	25.99	4471	0.5	3	45	1	12.3	91	33.24	5717	0.5	5	101	0.95
9700	24	50	14.9	82	34.49	5933	0.6	5	67	0.85	12.5	90	47.25	8127	0.8	9	101	0.79
9700	26	50	15.5	82	46.44	7989	0.8	8	67	0.72	12.7	90	61.67	10609	1	14	101	0.69
9700	28	50	16.1	81	59	10149	1.1	12	67	0.64	13	90	76.72	13199	1.3	21	101	0.62
9700	30	50	16.7	81	72.37	12448	1.3	17	67	0.58	13.2	89	92.61	15929	1.5	29	101	0.57
9700	32	50	17.3	81	86.59	14897	1.6	23	67	0.53	13.5	89	109.48	18831	1.8	39	101	0.53
10800	22	50	14.2	81	28.01	4818	0.5	3	55	1	11.9	95	36.44	6268	0.6	6	83	1
10800	24	50	15.2	81	37.01	6366	0.7	5	82	0.85	12.7	89	51.14	8799	0.8	10	123	0.79
10800	26	50	15.8	81	49.93	8589	0.9	9	82	0.73	13	89	66.85	11497	1.1	17	123	0.69
10800	28	50	16.5	80	63.55	10931	1.2	13	82	0.64	13.3	89	83.34	14333	1.4	24	123	0.62
10800	30	50	17.1	80	78.06	13426	1.4	19	82	0.58	13.6	88	100.68	17318	1.7	34	123	0.57
10800	32	50	17.8	80	93.53	16086	1.7	26	82	0.53	13.9	88	119.12	20487	2	46	123	0.53

T 6

Coil output in heating applications (water 80-70 °C)

TH 80/70		2 R						3 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
11200	-5	35.9	168.4	14843	2.13	15.5	27	47.9	218.01	19216	1.97	14.5	35
11200	0	38.7	156.48	13794	1.98	13.7	27	50	202.3	17832	1.83	12.7	35
11200	5	41.4	144.71	12756	1.83	11.9	27	52	186.86	16471	1.69	11.1	35
11200	10	44.1	133.09	11731	1.68	10.3	27	54	171.68	15132	1.55	9.6	35
11200	15	46.7	121.61	10719	1.54	8.8	27	55.9	156.75	13816	1.42	8.2	35
11200	20	49.3	110.27	9720	1.39	7.4	27	57.7	142.06	12522	1.28	6.9	35
12600	-5	33.5	178.49	15734	2.26	17.2	33	45.3	233.42	20574	2.11	16.4	43
12600	0	36.5	165.9	14624	2.1	15.1	33	47.6	216.68	19098	1.96	14.4	43
12600	5	39.3	153.46	13527	1.94	13.2	33	49.8	200.2	17646	1.81	12.5	43
12600	10	42.2	141.16	12443	1.79	11.4	33	51.9	183.98	16216	1.66	10.8	43
12600	15	44.9	129	11371	1.63	9.8	33	53.9	168.01	14808	1.52	9.2	43
12600	20	47.6	116.99	10312	1.48	8.2	33	55.9	152.29	13423	1.38	7.8	43
14000	-5	31.4	187.74	16549	2.37	18.8	39	43.1	247.65	21828	2.24	18.2	50
14000	0	34.5	174.54	15385	2.21	16.6	39	45.5	229.95	20268	2.08	15.9	50
14000	5	37.5	161.48	14234	2.04	14.4	39	47.8	212.51	18731	1.92	13.9	50
14000	10	40.5	148.56	13095	1.88	12.5	39	50	195.33	17217	1.76	12	50
14000	15	43.3	135.79	11969	1.72	10.7	39	52.2	178.41	15725	1.61	10.2	50
14000	20	46.1	123.16	10856	1.56	9	39	54.3	161.74	14255	1.46	8.6	50
15400	-5	29.6	196.29	17302	2.48	20.3	45	41	260.86	22992	2.36	19.9	58
15400	0	32.8	182.52	16088	2.31	17.9	45	43.6	242.28	21356	2.19	17.5	58
15400	5	35.9	168.89	14887	2.14	15.6	45	46	223.96	19741	2.02	15.2	58
15400	10	39	155.41	13698	1.97	13.5	45	48.4	205.89	18149	1.86	13.1	58
15400	15	41.9	142.06	12522	1.8	11.5	45	50.7	188.08	16579	1.7	11.2	58
15400	20	44.9	128.86	11358	1.63	9.7	45	52.9	170.53	15031	1.54	9.5	58
16800	-5	28	204.24	18003	2.58	21.8	52	39.2	273.21	24082	2.47	21.6	67
16800	0	31.3	189.94	16743	2.4	19.2	52	41.8	253.8	22371	2.29	19	67
16800	5	34.5	175.79	15495	2.22	16.8	52	44.4	234.65	20684	2.12	16.5	67
16800	10	37.6	161.77	14260	2.05	14.5	52	46.9	215.76	19019	1.95	14.3	67
16800	15	40.7	147.9	13037	1.87	12.4	52	49.3	197.13	17376	1.78	12.2	67
16800	20	43.7	134.16	11826	1.7	10.4	52	51.6	178.74	15755	1.61	10.3	67

TH 80/70		4 R						6 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
11200	-5	56.8	254.49	22433	2.01	17.6	42	68	300.83	26517	2.38	35.4	55
11200	0	58.3	235.96	20799	1.87	15.4	42	68.9	278.6	24558	2.2	30.9	55
11200	5	59.8	217.8	19198	1.72	13.4	42	69.7	256.95	22649	2.03	26.8	55
11200	10	61.2	200.01	17630	1.58	11.5	42	70.4	235.85	20789	1.86	23.1	55
11200	15	62.6	182.57	16093	1.44	9.8	42	71.1	215.28	18976	1.7	19.7	55
11200	20	63.9	165.48	14586	1.31	8.3	42	71.8	195.22	17208	1.54	16.6	55
12600	-5	54.3	274.87	24228	2.17	20.1	51	66	329.4	29035	2.6	41.4	66
12600	0	56	254.94	22471	2.02	17.6	51	67.1	305.16	26899	2.41	36.3	66
12600	5	57.7	235.39	20748	1.86	15.3	51	68	281.53	24816	2.23	31.5	66
12600	10	59.2	216.22	19058	1.71	13.2	51	68.9	258.48	22784	2.04	27.1	66
12600	15	60.8	197.41	17400	1.56	11.3	51	69.7	235.98	20801	1.87	23.1	66
12600	20	62.2	178.95	15774	1.41	9.5	51	70.5	214.02	18865	1.69	19.5	66
14000	-5	52	293.82	25899	2.32	22.6	60	64.2	356.4	31415	2.82	47.6	78
14000	0	53.9	272.6	24028	2.15	19.8	60	65.3	330.29	29114	2.61	41.6	78
14000	5	55.7	251.77	22192	1.99	17.3	60	66.4	304.8	26867	2.41	36.2	78
14000	10	57.4	231.32	20389	1.83	14.9	60	67.4	279.9	24672	2.21	31.2	78
14000	15	59.1	211.23	18619	1.67	12.7	60	68.3	255.59	22529	2.02	26.6	78
14000	20	60.6	191.51	16880	1.51	10.7	60	69.2	231.83	20434	1.83	22.4	78
15400	-5	50	311.54	27460	2.46	25.1	70	-	-	-	-	-	-
15400	0	52	289.12	25484	2.29	22	70	63,7	354,11	31214	2,8	47	91
15400	5	53.9	267.1	23542	2.11	19.1	70	64,8	326,87	28812	2,58	40,9	91
15400	10	55.7	245.45	21634	1.94	16.5	70	66	300,24	26465	2,37	35,2	91
15400	15	57.5	224.18	19759	1.77	14.1	70	67	274,21	24170	2,17	30,1	91
15400	20	59.2	203.27	17916	1.61	11.9	70	68	248,74	21925	1,97	25,3	91
16800	-5	48.1	328.19	28927	2.59	27.4	80	-	-	-	-	-	-
16800	0	50.2	304.65	26852	2.41	24.1	80	-	-	-	-	-	-
16800	5	52.2	281.5	24812	2.23	21	80	63,4	347,86	30662	2,75	45,6	104
16800	10	54.2	258.74	22805	2.05	18.1	80	64,6	319,59	28170	2,53	39,3	104
16800	15	56.1	236.35	20832	1.87	15.5	80	65,7	291,93	25732	2,31	33,5	104
16800	20	57.9	214.33	18893	1.69	13	80	66,8	264,85	23345	2,09	28,3	104

T 6

Coil output in heating applications (water 70-60 °C)

TH 70/60		2 R						3 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
11200	-5	30.2	145.12	12711	1.82	12.4	27	40.7	188.43	16503	1.69	11.6	35
11200	0	33	133.38	11682	1.68	10.7	27	42.8	173.01	15152	1.55	10	35
11200	5	35.7	121.78	10666	1.53	9.1	27	44.7	157.85	13824	1.42	8.5	35
11200	10	38.3	110.33	9663	1.39	7.7	27	46.6	142.94	12519	1.28	7.2	35
11200	15	40.8	99.02	8673	1.24	6.3	27	48.4	128.27	11235	1.15	5.9	35
11200	20	43.3	87.85	7694	1.1	5.1	27	50.2	113.85	9971	1.02	4.8	35
12600	-5	28.2	153.75	13466	1.93	13.7	33	38.5	201.64	17659	1.81	13.1	43
12600	0	31.1	141.33	12379	1.78	11.8	33	40.7	185.18	16218	1.66	11.3	43
12600	5	33.9	129.07	11304	1.62	10.1	33	42.8	168.98	14799	1.52	9.6	43
12600	10	36.6	116.94	10242	1.47	8.5	33	44.9	153.04	13403	1.37	8.1	43
12600	15	39.3	104.96	9193	1.32	7	33	46.8	137.35	12029	1.23	6.7	43
12600	20	42	93.12	8156	1.17	5.7	33	48.7	121.9	10676	1.09	5.4	43
14000	-5	26.4	161.65	14158	2.03	14.9	39	36.5	213.82	18727	1.92	14.5	50
14000	0	29.4	148.63	13017	1.87	12.9	39	38.8	196.41	17203	1.76	12.5	50
14000	5	32.3	135.74	11889	1.71	11	39	41.1	179.26	15701	1.61	10.7	50
14000	10	35.2	123.01	10773	1.55	9.3	39	43.3	162.37	14221	1.46	9	50
14000	15	38	110.41	9670	1.39	7.7	39	45.4	145.73	12764	1.31	7.4	50
14000	20	40.8	97.96	8579	1.23	6.2	39	47.4	129.33	11327	1.16	6	50
15400	-5	24.8	168.95	14798	2.12	16.1	45	34.7	225.13	19718	2.02	15.9	58
15400	0	27.9	155.36	13607	1.95	13.9	45	37.2	206.84	18116	1.86	13.7	58
15400	5	31	141.91	12429	1.78	11.9	45	39.6	188.81	16537	1.69	11.7	58
15400	10	34	128.61	11264	1.62	10	45	41.9	171.04	14980	1.54	9.8	58
15400	15	36.9	115.44	10111	1.45	8.3	45	44.1	153.52	13446	1.38	8.1	58
15400	20	39.8	102.42	8970	1.29	6.7	45	46.3	136.24	11933	1.22	6.6	58
16800	-5	23.4	175.74	15392	2.21	17.3	52	33.1	235.69	20643	2.12	17.2	67
16800	0	26.6	161.63	14156	2.03	14.9	52	35.7	216.58	18969	1.94	14.8	67
16800	5	29.8	147.65	12932	1.86	12.8	52	38.2	197.73	17318	1.77	12.6	67
16800	10	32.9	133.82	11720	1.68	10.7	52	40.6	179.14	15689	1.61	10.6	67
16800	15	35.9	120.13	10521	1.51	8.9	52	43	160.79	14083	1.44	8.8	67
16800	20	38.8	106.58	9334	1.34	7.2	52	45.2	142.7	12498	1.28	7.1	67

TH 70/60		4 R						6 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
11200	-5	48.6	220.79	19338	1.73	14.2	42	58.7	262.69	23008	2.06	28.8	55
11200	0	50.1	202.63	17747	1.59	12.2	42	59.6	240.99	21107	1.89	24.8	55
11200	5	51.5	184.84	16189	1.45	10.4	42	60.3	219.84	19254	1.73	21.1	55
11200	10	52.9	167.4	14662	1.31	8.7	42	61	199.22	17449	1.56	17.7	55
11200	15	54.2	150.31	13165	1.18	7.2	42	61.7	179.11	15688	1.41	14.7	55
11200	20	55.4	133.55	11696	1.05	5.9	42	62.3	159.49	13969	1.25	12	55
12600	-5	46.4	238.3	20871	1.87	16.2	51	57	287.42	25174	2.26	33.7	66
12600	0	48.1	218.76	19159	1.72	13.9	51	57.9	263.74	23100	2.07	29	66
12600	5	49.7	199.59	17481	1.57	11.9	51	58.8	240.64	21077	1.89	24.7	66
12600	10	51.2	180.79	15834	1.42	10	51	59.7	218.1	19102	1.71	20.8	66
12600	15	52.6	162.34	14218	1.28	8.3	51	60.5	196.09	17175	1.54	17.3	66
12600	20	54	144.23	12632	1.13	6.7	51	61.2	174.6	15292	1.37	14.1	66
14000	-5	44.4	254.58	22296	2	18.2	60	55.3	310.78	27220	2.44	38.6	78
14000	0	46.2	233.76	20473	1.84	15.7	60	56.4	285.25	24983	2.24	33.3	78
14000	5	48	213.32	18683	1.68	13.3	60	57.4	260.32	22800	2.04	28.3	78
14000	10	49.6	193.25	16925	1.52	11.2	60	58.4	235.96	20666	1.85	23.9	78
14000	15	51.2	173.54	15198	1.36	9.3	60	59.3	212.16	18582	1.67	19.8	78
14000	20	52.7	154.17	13503	1.21	7.6	60	60.1	188.89	16544	1.48	16.2	78
15400	-5	42.6	269.8	23629	2.12	20.1	70	53.8	332.91	29158	2.61	43.6	91
15400	0	44.5	247.79	21701	1.95	17.3	70	54.9	305.63	26769	2.4	37.5	91
15400	5	46.4	226.16	19809	1.78	14.8	70	56.1	278.97	24433	2.19	32	91
15400	10	48.2	204.91	17947	1.61	12.4	70	57.1	252.9	22150	1.99	26.9	91
15400	15	49.9	184.02	16117	1.45	10.3	70	58.1	227.41	19917	1.79	22.4	91
15400	20	51.5	163.48	14317	1.28	8.4	70	59.1	202.46	17732	1.59	18.3	91
16800	-5	41	284.09	24882	2.23	22	80	52.3	353.93	30998	2.78	48.5	104
16800	0	43	260.96	22857	2.05	19	80	53.6	325	28464	2.55	41.8	104
16800	5	45	238.22	20865	1.87	16.2	80	54.8	296.7	25986	2.33	35.6	104
16800	10	46.9	215.86	18906	1.7	13.6	80	56	269.01	23560	2.11	30	104
16800	15	48.7	193.86	16980	1.52	11.3	80	57.1	241.9	21186	1.9	24.9	104
16800	20	50.5	172.22	15084	1.35	9.2	80	58.1	215.36	18861	1.69	20.3	104

T 6

Coil output in heating applications (water 50-45 °C)

TH 50/45		2 R						3 R					
PA m ³ /h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
11200	-5	21.6	109.55	19019	2.73	27.2	27	29.4	141.71	24604	2.52	25.4	35
11200	0	24.2	97.99	17013	2.44	22.4	27	31.3	126.65	21988	2.25	20.9	35
11200	5	26.8	86.59	15032	2.16	18	27	33.2	111.84	19418	1.99	16.8	35
11200	10	29.3	75.34	13078	1.88	14.1	27	34.9	97.29	16892	1.73	13.2	35
11200	15	31.7	64.23	11151	1.6	10.7	27	36.6	83	14409	1.48	10	35
11200	20	34.1	53.28	9249	1.33	7.7	27	38.3	68.95	11970	1.23	7.2	35
12600	-5	20	116.13	20161	2.89	30.2	33	27.7	151.76	26349	2.7	28.6	43
12600	0	22.8	103.9	18038	2.59	24.8	33	29.8	135.66	23553	2.41	23.5	43
12600	5	25.5	91.82	15940	2.29	20	33	31.8	119.82	20803	2.13	18.9	43
12600	10	28.2	79.9	13872	1.99	15.7	33	33.7	104.25	18098	1.85	14.8	43
12600	15	30.8	68.12	11827	1.7	11.9	33	35.6	88.92	15437	1.58	11.2	43
12600	20	33.3	56.49	9808	1.41	8.5	33	37.4	73.85	12820	1.31	8.1	43
14000	-5	18.7	122.16	21208	3.04	32.9	39	26.3	161.04	27959	2.87	31.8	50
14000	0	21.6	109.32	18977	2.72	27.1	39	28.5	143.99	24997	2.56	26.1	50
14000	5	24.5	96.62	16776	2.41	21.9	39	30.6	127.19	22082	2.26	21	50
14000	10	27.2	84.08	14598	2.09	17.1	39	32.7	110.67	19212	1.97	16.5	50
14000	15	30	71.68	12446	1.79	13	39	34.7	94.39	16387	1.68	12.5	50
14000	20	32.6	59.44	10320	1.48	9.3	39	36.6	78.37	13606	1.39	9	50
15400	-5	17.5	127.74	22175	3.18	35.6	45	24.9	169.66	29455	3.02	34.8	58
15400	0	20.6	114.32	19846	2.85	29.3	45	27.3	151.72	26340	2.7	28.6	58
15400	5	23.5	101.06	17546	2.52	23.6	45	29.5	134.04	23271	2.39	23	58
15400	10	26.4	87.94	15268	2.19	18.5	45	31.7	116.63	20247	2.08	18.1	58
15400	15	29.2	74.97	13017	1.87	14	45	33.9	99.48	17269	1.77	13.7	58
15400	20	32	62.16	10792	1.55	10.1	45	35.9	82.58	14339	1.47	9.9	58
16800	-5	16.5	132.92	23075	3.31	38.2	52	23.7	177.71	30852	3.16	37.7	67
16800	0	19.6	118.98	20658	2.96	31.5	52	26.2	158.95	27594	2.83	31	67
16800	5	22.7	105.18	18262	2.62	25.4	52	28.6	140.45	24381	2.5	25	67
16800	10	25.6	91.53	15892	2.28	19.9	52	30.9	122.21	21215	2.17	19.6	67
16800	15	28.6	78.04	13549	1.94	15	52	33.1	104.24	18098	1.85	14.8	67
16800	20	31.4	64.69	11231	1.61	10.8	52	35.3	86.52	15022	1.54	10.7	67

TH 50/45		4 R						6 R					
PA m ³ /h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
11200	-5	35.1	165.36	28711	2.57	30.7	42	-	-	-	-	-	-
11200	0	36.5	147.74	25651	2.3	25.2	42	-	-	-	-	-	-
11200	5	37.8	130.48	22654	2.03	20.3	42	43.8	154.18	26764	2.4	40.8	55
11200	10	39.1	113.58	19719	1.77	15.9	42	44.4	134.39	23335	2.09	32.1	55
11200	15	40.3	97.02	16844	1.51	12.1	42	45	115.11	19986	1.79	24.5	55
11200	20	41.4	80.79	14027	1.26	8.8	42	45.5	96.3	16720	1.5	17.9	55
12600	-5	33.5	178.65	31018	2.78	35.2	51	-	-	-	-	-	-
12600	0	35.1	159.65	27718	2.49	28.9	51	-	-	-	-	-	-
12600	5	36.6	141.02	24484	2.2	23.3	51	42.8	168.95	29334	2.63	47.9	66
12600	10	38	122.76	21314	1.91	18.2	51	43.5	147.28	25571	2.29	37.6	66
12600	15	39.3	104.85	18204	1.63	13.8	51	44.2	126.13	21899	1.96	28.7	66
12600	20	40.6	87.29	15155	1.36	10	51	44.9	105.48	18313	1.64	21	66
14000	-5	32.1	191.01	33164	2.97	39.6	60	-	-	-	-	-	-
14000	0	33.8	170.74	29643	2.66	32.5	60	-	-	-	-	-	-
14000	5	35.4	150.84	26189	2.35	26.2	60	-	-	-	-	-	-
14000	10	36.9	131.32	22798	2.04	20.5	60	42.7	159.47	27688	2.48	43.3	78
14000	15	38.4	112.15	19471	1.75	15.6	60	43.5	136.56	23710	2.13	33	78
14000	20	39.8	93.34	16205	1.45	11.3	60	44.2	114.17	19822	1.78	24.1	78
15400	-5	30.8	202.58	35171	3.15	43.8	70	38.8	248.28	43108	3.87	93.9	91
15400	0	32.6	181.11	31444	2.82	36	70	39.9	221.94	38534	3.46	77.2	91
15400	5	34.3	160.03	27783	2.49	29	70	40.9	196.2	34065	3.05	62.2	91
15400	10	36	139.32	24188	2.17	22.8	70	41.9	171.05	29698	2.66	48.9	91
15400	15	37.6	118.99	20657	1.85	17.3	70	42.8	146.47	25429	2.28	37.3	91
15400	20	39.1	99.01	17188	1.54	12.5	70	43.6	122.42	21254	1.91	27.2	91
16800	-5	29.5	213.44	37056	3.32	48	80	-	-	-	-	-	-
16800	0	31.5	190.86	33135	2.97	39.5	80	-	-	-	-	-	-
16800	5	33.3	168.66	29282	2.63	31.8	80	-	-	-	-	-	-
16800	10	35.1	146.85	25494	2.29	25	80	-	-	-	-	-	-
16800	15	36.8	125.41	21772	1.95	18.9	80	42.1	155.89	27065	2.43	41.6	104
16800	20	38.5	104.33	18112	1.62	13.7	80	43	130.27	22617	2.03	30.4	104

T 6

Coil output in cooling applications (water 7-12 °C)

TH			2 R								3 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
11200	22	50	17.1	68	18.41	3168	0.5	1	27	1	15.4	76	24.87	4279	0.4	1	35	1
11200	24	50	18	72	22.45	3863	0.6	2	27	1	15.9	82	30.05	5169	0.5	2	35	1
11200	26	50	19	74	29.53	5079	0.7	3	40	0.87	16.8	82	40.83	7024	0.7	4	52	0.83
11200	28	50	20	74	40	6881	1	6	40	0.73	17.5	82	54.39	9355	1	6	52	0.71
11200	30	50	21	73	51.59	8872	1.3	9	40	0.64	18.2	81	69.06	11880	1.2	9	52	0.62
11200	32	50	22	73	63.63	10945	1.6	13	40	0.57	18.9	81	84.74	14577	1.5	13	52	0.56
12600	22	50	17.4	67	19.4	3337	0.5	2	33	1	15.7	74	26.43	4547	0.5	2	43	1
12600	24	50	18.3	71	23.68	4074	0.6	2	33	1	16.4	80	31.98	5502	0.6	2	43	1
12600	26	50	19.4	72	30.99	5331	0.8	4	49	0.88	17.3	80	43.21	7433	0.8	4	63	0.84
12600	28	50	20.5	72	42.11	7244	1	6	49	0.74	18	80	57.81	9945	1	6	63	0.71
12600	30	50	21.5	72	54.15	9315	1.3	10	49	0.64	18.8	80	73.46	12635	1.3	10	63	0.63
12600	32	50	22.6	71	67.18	11555	1.7	14	49	0.57	19.5	79	90.29	15534	1.6	14	63	0.56
14000	22	50	17.7	65	20.3	3491	0.5	2	39	1	16	73	27.86	4793	0.5	2	50	1
14000	24	50	18.7	69	24.81	4268	0.6	2	39	1	16.7	78	33.76	5808	0.6	3	50	1
14000	26	50	19.8	71	32.32	5560	0.8	4	57	0.89	17.7	79	45.39	7808	0.8	4	74	0.84
14000	28	50	20.9	71	44.01	7571	1.1	7	57	0.74	18.5	78	60.96	10483	1.1	7	74	0.71
14000	30	50	22	70	56.69	9752	1.4	11	57	0.64	19.3	78	77.5	13331	1.4	11	74	0.63
14000	32	50	23.1	70	70.42	12113	1.7	15	57	0.57	20.1	78	95.41	16411	1.7	16	74	0.56

TH			4 R								6 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
11200	22	50	13.8	84	30.83	5304	0.5	2	42	1	11.3	98	40.57	6978	0.6	5	55	1
11200	24	50	14.6	88	37.23	6405	0.6	3	63	0.94	12	95	54.83	9433	0.9	8	81	0.81
11200	26	50	15	88	52.3	8996	0.8	5	63	0.78	12.1	95	72.81	12524	1.1	13	81	0.71
11200	28	50	15.4	87	68.25	11740	1.1	8	63	0.68	12.2	94	91.56	15747	1.4	20	81	0.63
11200	30	50	15.8	87	85.22	14659	1.3	12	63	0.61	12.3	94	111.25	19134	1.7	28	81	0.58
11200	32	50	16.3	87	103.32	17771	1.6	17	63	0.55	12.4	94	132.01	22711	2	38	81	0.54
12600	22	50	14.2	82	33.03	5682	0.5	2	51	1	11.5	97	44.05	7577	0.7	6	66	1
12600	24	50	14.6	90	39.51	6797	0.6	3	51	1	12.4	94	59.11	10169	0.9	9	98	0.82
12600	26	50	15.5	86	55.79	9597	0.9	6	76	0.78	12.5	93	78.76	13548	1.2	15	98	0.71
12600	28	50	16	86	73.02	12563	1.1	9	76	0.68	12.7	93	99.34	17087	1.5	23	98	0.64
12600	30	50	16.4	85	91.39	15722	1.4	13	76	0.61	12.8	93	120.97	20805	1.9	33	98	0.58
12600	32	50	16.9	85	111.01	19094	1.7	19	76	0.55	13	93	143.85	24743	2.2	44	98	0.54
14000	22	50	14.5	80	35.06	6031	0.5	2	60	1	11.9	95	47.32	8139	0.7	6	78	1
14000	24	50	15	88	42	7226	0.7	3	60	1	12.7	92	63.08	10849	1	10	116	0.83
14000	26	50	15.9	84	58.81	10116	0.9	6	89	0.79	12.9	92	84.33	14506	1.3	17	116	0.72
14000	28	50	16.4	84	77.44	13320	1.2	10	89	0.68	13.1	92	106.64	18342	1.6	26	116	0.64
14000	30	50	17	84	97.11	16706	1.5	15	89	0.61	13.3	92	130.12	22377	2	37	116	0.58
14000	32	50	17.6	84	118.14	20321	1.8	21	89	0.55	13.6	91	154.98	26656	2.4	50	116	0.54

T 6

Coil output in cooling applications (water 5-10 °C)

TH			2 R								3 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
11200	22	50	16.1	72	22.23	3824	0.55	2	27	1	14	83	29.82	5130	0.53	2	35	1
11200	24	50	17.1	74	29.11	5008	0.72	3	40	0.88	15	82	40.21	6914	0.71	3	52	0.83
11200	26	50	18.1	73	38.9	6692	0.96	6	40	0.75	15.6	81	52.96	9108	0.93	6	52	0.72
11200	28	50	19.1	73	49.72	8552	1.23	8	40	0.66	16.3	81	66.62	11459	1.17	8	52	0.64
11200	30	50	20.1	73	60.99	10489	1.51	12	40	0.59	17	81	81.25	13976	1.43	12	52	0.58
11200	32	50	21.1	72	73.31	12611	1.81	17	40	0.54	17.7	80	96.94	16674	1.71	16	52	0.53
12600	22	50	16.4	71	23.45	4033	0.58	2	33	1	14.5	80	31.73	5458	0.56	2	43	1
12600	24	50	17.6	72	30.56	5257	0.75	4	49	0.88	15.4	80	42.56	7321	0.75	4	63	0.84
12600	26	50	18.6	72	40.99	7049	1.01	6	49	0.75	16.2	79	56.2	9666	0.99	6	63	0.73
12600	28	50	19.7	71	52.24	8984	1.29	9	49	0.66	16.9	79	70.86	12190	1.25	9	63	0.65
12600	30	50	20.7	71	64.39	11074	1.59	13	49	0.59	17.7	79	86.57	14892	1.53	13	63	0.58
12600	32	50	21.8	71	77.49	13329	1.91	18	49	0.54	18.4	79	103.44	17791	1.82	18	63	0.53
14000	22	50	16.8	69	24.55	4223	0.61	2	39	1	14.8	78	33.48	5760	0.59	3	50	1
14000	24	50	17.9	71	31.88	5484	0.79	4	57	0.89	15.8	78	44.71	7691	0.79	4	74	0.85
14000	26	50	19	70	42.83	7368	1.06	7	57	0.75	16.6	78	59.26	10191	1.04	7	74	0.73
14000	28	50	20.1	70	54.69	9406	1.35	10	57	0.66	17.4	78	74.76	12858	1.32	10	74	0.65
14000	30	50	21.2	70	67.49	11608	1.67	14	57	0.59	18.3	77	91.47	15735	1.61	15	74	0.59
14000	32	50	22.4	70	81.31	13984	2.01	20	57	0.54	19.1	77	109.42	18820	1.93	20	74	0.53

TH			4 R								6 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
11200	22	50	12.7	88	37.27	6411	0.57	3	63	0.93	10.1	95	54.48	9371	0.84	8	81	0.82
11200	24	50	13.1	87	51.4	8841	0.79	5	63	0.79	10.1	94	71.32	12265	1.1	13	81	0.72
11200	26	50	13.5	87	66.34	11411	1.02	8	63	0.69	10.2	94	88.86	15280	1.37	19	81	0.65
11200	28	50	14	87	82.21	14139	1.27	11	63	0.63	10.4	94	107.28	18450	1.65	27	81	0.6
11200	30	50	14.4	87	99.1	17044	1.53	16	63	0.57	10.5	94	126.69	21791	1.95	36	81	0.56
11200	32	50	14.9	86	117.12	20143	1.81	21	63	0.53	10.6	94	147.28	25331	2.27	47	81	0.52
12600	22	50	13.1	86	39.63	6816	0.61	3	76	0.95	10.5	93	58.76	10105	0.91	9	98	0.83
12600	24	50	13.6	86	54.84	9433	0.85	6	76	0.79	10.6	93	77.16	13271	1.19	15	98	0.73
12600	26	50	14.1	85	70.98	12209	1.09	9	76	0.7	10.7	93	96.42	16581	1.49	22	98	0.66
12600	28	50	14.6	85	88.16	15163	1.36	13	76	0.63	10.9	93	116.65	20061	1.8	31	98	0.6
12600	30	50	15.1	85	106.47	18311	1.64	18	76	0.57	11.1	92	138.03	23739	2.13	42	98	0.56
12600	32	50	15.6	85	126.02	21673	1.94	24	76	0.53	-	-	-	-	-	-	-	-
14000	22	50	13.1	88	41.76	7184	0.64	3	60	1	10.8	92	62.73	10788	0.97	10	116	0.83
14000	24	50	14	84	58.02	9979	0.89	6	89	0.8	11	92	82.63	14212	1.27	17	116	0.73
14000	26	50	14.6	84	75.28	12949	1.16	10	89	0.7	11.2	91	103.52	17803	1.6	25	116	0.66
14000	28	50	15.1	83	93.67	16112	1.44	14	89	0.63	11.4	91	125.47	21577	1.93	35	116	0.61
14000	30	50	15.7	83	113.3	19486	1.75	20	89	0.58	11.7	91	148.7	25573	2.29	48	116	0.56
14000	32	50	16.3	83	134.29	23094	2.07	27	89	0.53	-	-	-	-	-	-	-	-

T 7

Coil output in heating applications (water 80-70 °C)

TH 80/70		2 R						3 R					
PA m ³ /h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
16400	-5	-	-	-	-	-	-	48.1	320.23	28226	2.25	20.7	36
16400	0	-	-	-	-	-	-	50.2	297.26	26201	2.09	18.2	36
16400	5	-	-	-	-	-	-	52.2	274.67	24210	1.93	15.9	36
16400	10	-	-	-	-	-	-	54.2	252.46	22252	1.77	13.7	36
16400	15	47.7	183.65	16188	2.9	48.6	28	56.1	230.61	20327	1.62	11.7	36
16400	20	50.2	166.95	14716	2.64	41.2	28	57.9	209.13	18433	1.47	9.8	36
18400	-5	-	-	-	-	-	-	45.6	342.35	30176	2.41	23.3	43
18400	0	-	-	-	-	-	-	47.8	317.9	28020	2.23	20.5	43
18400	5	-	-	-	-	-	-	50	293.83	25898	2.06	17.8	43
18400	10	-	-	-	-	-	-	52.1	270.13	23810	1.9	15.4	43
18400	15	-	-	-	-	-	-	54.2	246.81	21754	1.73	13.2	43
18400	20	48.6	176.99	15601	2.8	45.6	33	56.1	223.84	19730	1.57	11.1	43
20400	-5	-	-	-	-	-	-	43.3	362.8	31978	2.55	25.8	50
20400	0	-	-	-	-	-	-	45.7	336.98	29702	2.37	22.7	50
20400	5	-	-	-	-	-	-	48.1	311.55	27459	2.19	19.8	50
20400	10	-	-	-	-	-	-	50.3	286.49	25253	2.01	17.1	50
20400	15	-	-	-	-	-	-	52.5	261.8	23077	1.84	14.6	50
20400	20	47.1	186.23	16415	2.94	49.8	39	54.6	237.47	20933	1.67	12.3	50
22400	-5	-	-	-	-	-	-	41.3	381.83	33654	2.68	28.2	58
22400	0	-	-	-	-	-	-	43.8	354.74	31270	2.49	24.8	58
22400	5	-	-	-	-	-	-	46.3	328.04	28916	2.31	21.6	58
22400	10	-	-	-	-	-	-	48.7	301.71	26595	2.12	18.7	58
22400	15	-	-	-	-	-	-	51	275.76	24307	1.94	16	58
22400	20	-	-	-	-	-	-	53.2	250.16	22051	1.76	13.5	58
24400	-5	-	-	-	-	-	-	39.5	399.63	35226	2.81	30.6	67
24400	0	-	-	-	-	-	-	42.1	371.36	32734	2.61	26.9	67
24400	5	-	-	-	-	-	-	44.7	343.47	30276	2.41	23.5	67
24400	10	-	-	-	-	-	-	47.2	315.96	27851	2.22	20.3	67
24400	15	-	-	-	-	-	-	49.6	288.82	25459	2.03	17.3	67
24400	20	-	-	-	-	-	-	51.9	262.05	23098	1.84	14.6	67

TH 80/70		4 R						6 R					
PA m ³ /h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
16400	-5	56.5	371.35	32733	1.96	16.3	43	67.8	439.54	38744	2.32	32.7	55
16400	0	58.1	344.29	30347	1.81	14.2	43	68.7	407.06	35881	2.15	28.6	55
16400	5	59.6	317.77	28010	1.67	12.4	43	69.5	375.41	33091	1.98	24.8	55
16400	10	61.1	291.79	25720	1.54	10.7	43	70.3	344.57	30373	1.82	21.4	55
16400	15	62.4	266.33	23476	1.4	9.1	43	71	314.5	27723	1.66	18.2	55
16400	20	63.7	241.37	21276	1.27	7.6	43	71.7	285.18	25138	1.5	15.4	55
18400	-5	54.1	400.31	35285	2.11	18.5	51	65.9	480.19	42327	2.53	38.2	67
18400	0	55.9	371.26	32724	1.96	16.2	51	66.9	444.86	39213	2.34	33.4	67
18400	5	57.5	342.77	30213	1.81	14.1	51	67.9	410.39	36175	2.16	29	67
18400	10	59.1	314.83	27750	1.66	12.2	51	68.8	376.77	33211	1.99	25	67
18400	15	60.6	287.41	25334	1.51	10.4	51	69.6	343.96	30319	1.81	21.3	67
18400	20	62.1	260.51	22962	1.37	8.7	51	70.4	311.92	27495	1.64	18	67
20400	-5	51.9	427.28	37662	2.25	20.8	60	64.1	518.66	45718	2.73	43.7	78
20400	0	53.8	396.39	34940	2.09	18.2	60	65.2	480.65	42367	2.53	38.3	78
20400	5	55.6	366.08	32267	1.93	15.8	60	66.3	443.54	39096	2.34	33.3	78
20400	10	57.3	336.31	29643	1.77	13.7	60	67.3	407.29	35901	2.15	28.7	78
20400	15	59	307.08	27067	1.62	11.7	60	68.2	371.88	32780	1.96	24.4	78
20400	20	60.5	278.37	24536	1.47	9.8	60	69.1	337.29	29730	1.78	20.6	78
22400	-5	49.9	452.53	39887	2.38	23	70	62.4	555.16	48935	2.93	49.3	91
22400	0	51.9	419.94	37014	2.21	20.2	70	63.6	514.62	45362	2.71	43.2	91
22400	5	53.8	387.91	34191	2.04	17.5	70	64.8	475.01	41870	2.5	37.5	91
22400	10	55.7	356.44	31417	1.88	15.1	70	65.9	436.29	38457	2.3	32.3	91
22400	15	57.4	325.51	28691	1.72	12.9	70	66.9	398.43	35119	2.1	27.6	91
22400	20	59.1	295.11	26011	1.56	10.9	70	67.9	361.4	31856	1.9	23.2	91
24400	-5	48	476.27	41980	2.51	25.1	80	60.7	589.86	51994	3.11	54.8	104
24400	0	50.2	442.08	38965	2.33	22	80	62.1	546.94	48211	2.88	48	104
24400	5	52.2	408.45	36001	2.15	19.2	80	63.3	504.96	44510	2.66	41.7	104
24400	10	54.2	375.38	33086	1.98	16.6	80	64.6	463.9	40890	2.44	36	104
24400	15	56	342.86	30220	1.81	14.1	80	65.7	423.71	37348	2.23	30.7	104
24400	20	57.9	310.88	27400	1.64	11.9	80	66.8	384.38	33880	2.03	25.9	104

T 7

Coil output in heating applications (water 70-60 °C)

TH 70/60		2 R						3 R					
PA m ³ /h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
16400	-5	-	-	-	-	-	-	40.9	277.19	24276	1.94	16.6	36
16400	0	-	-	-	-	-	-	43	254.62	22300	1.78	14.3	36
16400	5	-	-	-	-	-	-	45	232.43	20356	1.62	12.2	36
16400	10	39,4	167,77	14694	2,64	42,9	28	46.9	210.61	18445	1.47	10.3	36
16400	15	41,9	151,1	13233	2,37	35,7	28	48.7	189.15	16566	1.32	8.5	36
16400	20	44,4	134,62	11790	2,11	29,2	28	50.4	168.03	14716	1.17	6.9	36
18400	-5	-	-	-	-	-	-	38.7	296.18	25941	2.07	18.7	43
18400	0	-	-	-	-	-	-	40.9	272.14	23835	1.9	16.1	43
18400	5	-	-	-	-	-	-	43.1	248.47	21763	1.73	13.7	43
18400	10	37,7	177,71	15565	2,79	47,4	33	45.1	225.18	19722	1.57	11.6	43
18400	15	40,4	160,07	14019	2,51	39,5	33	47.1	202.24	17714	1.41	9.6	43
18400	20	43	142,62	12491	2,24	32,3	33	49	179.66	15736	1.25	7.8	43
20400	-5	-	-	-	-	-	-	36.8	313.72	27478	2.19	20.7	50
20400	0	-	-	-	-	-	-	39.1	288.32	25253	2.01	17.8	50
20400	5	-	-	-	-	-	-	41.4	263.3	23061	1.84	15.2	50
20400	10	-	-	-	-	-	-	43.6	238.65	20902	1.67	12.8	50
20400	15	39,1	168,31	14741	2,64	43,1	39	45.7	214.36	18774	1.5	10.6	50
20400	20	41,8	149,97	13134	2,36	35,2	39	47.7	190.42	16678	1.33	8.6	50
22400	-5	-	-	-	-	-	-	35	330.04	28907	2.3	22.6	58
22400	0	-	-	-	-	-	-	37.5	303.38	26571	2.12	19.5	58
22400	5	-	-	-	-	-	-	39.9	277.09	24269	1.93	16.6	58
22400	10	-	-	-	-	-	-	42.2	251.18	21999	1.75	14	58
22400	15	37,9	175,94	15409	2,76	46,6	45	44.4	225.63	19762	1.58	11.6	58
22400	20	40,8	156,78	13730	2,46	38,1	45	46.6	200.44	17555	1.4	9.4	58
24400	-5	-	-	-	-	-	-	33.5	345.3	30243	2.41	24.4	67
24400	0	-	-	-	-	-	-	36	317.46	27805	2.22	21.1	67
24400	5	-	-	-	-	-	-	38.5	290	25399	2.02	18	67
24400	10	-	-	-	-	-	-	40.9	262.91	23026	1.84	15.2	67
24400	15	36,9	183,05	16032	2,88	49,9	52	43.3	236.18	20686	1.65	12.6	67
24400	20	39,9	163,12	14286	2,56	40,8	52	45.5	209.81	18376	1.46	10.2	67

TH 70/60		4 R						6 R					
PA m ³ /h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
16400	-5	48.4	322.05	28207	1.69	13.1	43	58.6	383.73	33609	2.01	26.7	55
16400	0	49.9	295.54	25884	1.55	11.3	43	59.4	352.01	30831	1.84	22.9	55
16400	5	51.3	269.56	23609	1.41	9.6	43	60.2	321.1	28123	1.68	19.5	55
16400	10	52.7	244.1	21380	1.28	8.1	43	60.9	290.96	25484	1.52	16.4	55
16400	15	54	219.15	19194	1.15	6.7	43	61.6	261.57	22910	1.37	13.6	55
16400	20	55.3	194.67	17049	1.02	5.4	43	62.2	232.89	20398	1.22	11.1	55
18400	-5	46.2	346.93	30384	1.82	14.9	51	56.9	418.91	36690	2.19	31.1	67
18400	0	47.9	318.45	27890	1.67	12.8	51	57.8	384.38	33666	2.01	26.7	67
18400	5	49.5	290.51	25444	1.52	10.9	51	58.7	350.69	30715	1.84	22.8	67
18400	10	51	263.11	23044	1.38	9.2	51	59.6	317.82	27836	1.66	19.2	67
18400	15	52.5	236.22	20689	1.24	7.6	51	60.4	285.72	25025	1.5	15.9	67
18400	20	53.9	209.82	18377	1.1	6.2	51	61.1	254.37	22279	1.33	13	67
20400	-5	44.3	370.08	32412	1.94	16.7	60	55.2	452.18	39604	2.37	35.5	78
20400	0	46.1	339.78	29758	1.78	14.4	60	56.3	415.01	36348	2.17	30.6	78
20400	5	47.8	310.04	27153	1.62	12.2	60	57.3	378.71	33169	1.98	26.1	78
20400	10	49.5	280.83	24595	1.47	10.3	60	58.3	343.25	30063	1.8	21.9	78
20400	15	51.1	252.14	22082	1.32	8.5	60	59.2	308.6	27028	1.62	18.2	78
20400	20	52.6	223.95	19614	1.17	6.9	60	60	274.72	24061	1.44	14.9	78
22400	-5	42.5	391.76	34310	2.05	18.4	70	53.7	483.73	42367	2.53	40	91
22400	0	44.5	359.76	31507	1.88	15.9	70	54.9	444.06	38893	2.33	34.4	91
22400	5	46.3	328.32	28753	1.72	13.5	70	56	405.29	35497	2.12	29.3	91
22400	10	48.1	297.42	26050	1.56	11.4	70	57.1	367.39	32177	1.92	24.7	91
22400	15	49.8	267.05	23388	1.4	9.4	70	58.1	330.31	28930	1.73	20.5	91
22400	20	51.5	237.19	20773	1.24	7.7	70	59	294.04	25752	1.54	16.7	91
24400	-5	40.9	412.13	36097	2.16	20.1	80	52.2	513.72	44993	2.69	44.4	104
24400	0	42.9	378.54	33155	1.98	17.4	80	53.5	471.69	41312	2.47	38.3	104
24400	5	44.9	345.51	30262	1.81	14.8	80	54.7	430.58	37711	2.25	32.6	104
24400	10	46.8	313.03	27417	1.64	12.4	80	55.9	390.36	34188	2.04	27.5	104
24400	15	48.6	281.08	24619	1.47	10.3	80	57	350.99	30740	1.84	22.8	104
24400	20	50.4	249.65	21866	1.31	8.4	80	58	312.43	27363	1.64	18.6	104

T 7

Coil output in heating applications (water 50-45 °C)

TH 50/45		2 R						3 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
16400	-5	-	-	-	-	-	-	29,5	208,26	36158	2,88	36,3	36
16400	0	-	-	-	-	-	-	31,4	186,23	32332	2,58	29,9	36
16400	5	-	-	-	-	-	-	33,3	164,57	28572	2,28	24	36
16400	10	-	-	-	-	-	-	35,1	143,28	24876	1,98	18,9	36
16400	15	-	-	-	-	-	-	36,8	122,36	21243	1,69	14,3	36
16400	20	34,8	81,77	14198	2,55	43,9	28	38,4	101,79	17673	1,41	10,4	36
18400	-5	-	-	-	-	-	-	27,9	222,7	38664	3,08	40,8	43
18400	0	-	-	-	-	-	-	30	199,18	34581	2,76	33,6	43
18400	5	-	-	-	-	-	-	32	176,05	30565	2,44	27,1	43
18400	10	-	-	-	-	-	-	33,9	153,3	26613	2,12	21,2	43
18400	15	-	-	-	-	-	-	35,8	130,91	22726	1,81	16,1	43
18400	20	34	86,66	15046	2,7	48,5	33	37,6	108,88	18902	1,51	11,7	43
20400	-5	-	-	-	-	-	-	26,4	236,05	40981	3,27	45,2	50
20400	0	-	-	-	-	-	-	28,7	211,17	36661	2,92	37,2	50
20400	5	-	-	-	-	-	-	30,8	186,67	32408	2,58	30	50
20400	10	-	-	-	-	-	-	32,9	162,56	28221	2,25	23,5	50
20400	15	-	-	-	-	-	-	34,9	138,82	24098	1,92	17,9	50
20400	20	-	-	-	-	-	-	36,8	115,44	20043	1,6	12,9	50
22400	-5	-	-	-	-	-	-	25,1	248,47	43136	3,44	49,5	58
22400	0	-	-	-	-	-	-	27,5	222,32	38597	3,08	40,7	58
22400	5	-	-	-	-	-	-	29,7	196,56	34124	2,72	32,8	58
22400	10	-	-	-	-	-	-	31,9	171,18	29717	2,37	25,8	58
22400	15	-	-	-	-	-	-	34,1	146,18	25381	2,02	19,5	58
22400	20	-	-	-	-	-	-	36,1	121,54	21103	1,68	14,2	58
24400	-5	-	-	-	-	-	-	-	-	-	-	-	-
24400	0	-	-	-	-	-	-	26,4	232,76	40408	3,22	44,1	67
24400	5	-	-	-	-	-	-	28,8	205,81	35729	2,85	35,6	67
24400	10	-	-	-	-	-	-	31,1	179,26	31123	2,48	27,9	67
24400	15	-	-	-	-	-	-	33,3	153,07	26577	2,12	21,2	67
24400	20	-	-	-	-	-	-	35,5	127,26	22095	1,76	15,3	67

TH 50/45		4 R						6 R					
PA m³/h	TIA °C	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa	TUA °C	POT. kW	PH l/h	VH m/s	DPH kPa	DPA Pa
16400	-5	35	241,27	41890	2,5	28,4	43	-	-	-	-	-	-
16400	0	36,4	215,53	37422	2,24	23,3	43	43	254,92	44253	2,65	46,9	55
16400	5	37,7	190,33	33045	1,98	18,8	43	43,7	225,24	39107	2,34	37,8	55
16400	10	39	165,64	28759	1,72	14,7	43	44,4	196,31	34085	2,04	29,7	55
16400	15	40,2	141,46	24561	1,47	11,2	43	44,9	168,12	29190	1,75	22,6	55
16400	20	41,3	117,76	20446	1,22	8,1	43	45,5	140,62	24415	1,46	16,6	55
18400	-5	33,4	260,15	45168	2,7	32,4	51	-	-	-	-	-	-
18400	0	35	232,46	40359	2,41	26,6	51	-	-	-	-	-	-
18400	5	36,5	205,31	35645	2,13	21,4	51	42,7	246,25	42755	2,56	44,1	67
18400	10	37,9	178,69	31024	1,85	16,8	51	43,5	214,64	37266	2,23	34,7	67
18400	15	39,2	152,59	26491	1,58	12,7	51	44,2	183,79	31910	1,91	26,5	67
18400	20	40,5	126,98	22046	1,32	9,2	51	44,8	153,67	26680	1,6	19,3	67
20400	-5	32	277,75	48222	2,88	36,3	60	-	-	-	-	-	-
20400	0	33,7	248,23	43098	2,58	29,8	60	-	-	-	-	-	-
20400	5	35,3	219,27	38069	2,28	24	60	-	-	-	-	-	-
20400	10	36,8	190,85	33135	1,98	18,8	60	42,6	232	40281	2,41	39,8	78
20400	15	38,3	162,96	28292	1,69	14,3	60	43,4	198,64	34489	2,06	30,3	78
20400	20	39,7	135,58	23538	1,41	10,4	60	44,2	166,04	28827	1,72	22,1	78
22400	-5	30,7	294,22	51082	3,05	40,2	70	-	-	-	-	-	-
22400	0	32,5	263,01	45662	2,73	33	70	-	-	-	-	-	-
22400	5	34,2	232,36	40340	2,41	26,6	70	-	-	-	-	-	-
22400	10	35,9	202,25	35114	2,1	20,9	70	41,8	248,5	43146	2,58	44,9	91
22400	15	37,5	172,69	29980	1,79	15,8	70	42,7	212,75	36939	2,21	34,2	91
22400	20	39,1	143,64	24937	1,49	11,5	70	43,6	177,79	30867	1,85	25	91
24400	-5	29,5	309,71	53770	3,21	44	80	-	-	-	-	-	-
24400	0	31,4	276,9	48075	2,87	36,1	80	-	-	-	-	-	-
24400	5	33,3	244,67	42477	2,54	29,1	80	-	-	-	-	-	-
24400	10	35,1	212,98	36975	2,21	22,8	80	41,1	264,22	45873	2,74	49,9	104
24400	15	36,8	181,84	31568	1,89	17,3	80	42,1	226,2	39272	2,35	38	104
24400	20	38,4	151,23	26253	1,57	12,5	80	43	188,98	32810	1,96	27,8	104

T 7

Coil output in cooling applications (water 7-12 °C)

TH			2 R								3 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
16400	22	50	16,2	72	31,88	5485	1	10	28	1	15,1	77	37,75	6494	0,5	2	36	1
16400	24	50	17,3	74	40,32	6937	1,2	16	41	0,9	15,7	84	45,34	7800	0,6	3	36	1
16400	26	50	18,2	73	55,47	9542	1,7	27	41	0,76	16,7	82	62,81	10805	0,9	5	53	0,8
16400	28	50	19,2	73	71,59	12314	2,2	43	41	0,66	17,3	81	83,24	14321	1,1	9	53	0,69
16400	30	50	-	-	-	-	-	-	-	-	18	81	104,74	18020	1,4	13	53	0,61
16400	32	50	-	-	-	-	-	-	-	-	18,6	81	127,78	21981	1,8	19	53	0,55
18400	22	50	16,5	70	33,64	5785	1	11	33	1	15,5	75	40,08	6895	0,6	2	43	1
18400	24	50	17,7	72	42,39	7291	1,3	17	49	0,91	16,1	82	48,23	8296	0,7	3	43	1
18400	26	50	18,7	72	58,4	10046	1,8	30	49	0,76	17,1	80	66,82	11494	0,9	6	63	0,81
18400	28	50	19,7	71	75,5	12986	2,3	47	49	0,66	17,8	80	88,31	15190	1,2	10	63	0,69
18400	30	50	-	-	-	-	-	-	-	-	18,5	79	111,36	19152	1,5	15	63	0,62
18400	32	50	-	-	-	-	-	-	-	-	19,3	79	136,05	23404	1,9	21	63	0,56
20400	22	50	16,8	69	35,24	6061	1,1	12	39	1	15,8	74	42,23	7265	0,6	3	50	1
20400	24	50	18	71	44,25	7612	1,4	18	58	0,91	16,5	80	50,88	8753	0,7	4	50	1
20400	26	50	19,1	70	61,09	10507	1,9	32	58	0,76	17,5	78	70,19	12071	1	7	75	0,81
20400	28	50	-	-	-	-	-	-	-	-	18,3	78	92,97	15992	1,3	11	75	0,7
20400	30	50	-	-	-	-	-	-	-	-	19,1	78	117,43	20198	1,6	16	75	0,62
20400	32	50	-	-	-	-	-	-	-	-	19,9	78	143,68	24717	2	23	75	0,56

TH			4 R								6 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
16400	22	50	13,9	83	44,64	7681	0,5	2	43	1	11,3	99	58,99	10147	0,6	4	55	1
16400	24	50	14,7	88	53,44	9193	0,6	2	64	0,95	12,1	95	79,31	13643	0,8	7	82	0,82
16400	26	50	15,1	88	75,39	12968	0,8	5	64	0,78	12,2	95	105,59	18163	1,1	12	82	0,71
16400	28	50	15,5	87	98,69	16978	1	7	64	0,68	12,3	94	132,99	22871	1,4	18	82	0,64
16400	30	50	15,9	87	123,42	21231	1,3	11	64	0,61	12,4	94	161,8	27829	1,7	26	82	0,58
16400	32	50	16,4	87	149,84	25774	1,5	15	64	0,55	12,5	94	192,18	33062	2	35	82	0,54
18400	22	50	14,2	81	47,73	8212	0,5	2	51	1	11,6	97	63,91	10994	0,7	5	67	1
18400	24	50	14,6	90	57,17	9836	0,6	3	51	1	12,5	93	85,32	14678	0,9	8	99	0,83
18400	26	50	15,6	86	80,27	13808	0,8	5	76	0,79	12,6	93	113,97	19605	1,2	14	99	0,71
18400	28	50	16	86	105,35	18124	1,1	8	76	0,68	12,7	93	143,95	24757	1,5	21	99	0,64
18400	30	50	16,5	85	132,11	22726	1,4	12	76	0,61	12,9	93	175,55	30192	1,8	30	99	0,58
18400	32	50	17	85	160,68	27639	1,7	17	76	0,55	13,1	93	208,94	35937	2,2	41	99	0,54
20400	22	50	14,6	80	50,59	8704	0,5	2	60	1	11,9	95	68,53	11790	0,7	6	78	1
20400	24	50	15	87	60,69	10440	0,6	3	60	1	12,8	92	90,89	15636	0,9	9	116	0,83
20400	26	50	16	84	84,36	14512	0,9	6	90	0,8	13	92	121,83	20957	1,3	16	116	0,72
20400	28	50	16,5	84	111,56	19193	1,2	9	90	0,69	13,2	92	154,26	26529	1,6	24	116	0,64
20400	30	50	17,1	84	140,16	24112	1,4	13	90	0,61	13,4	92	188,49	32417	1,9	34	116	0,58
20400	32	50	17,6	84	170,75	29371	1,8	19	90	0,55	13,6	91	224,71	38648	2,3	46	116	0,54

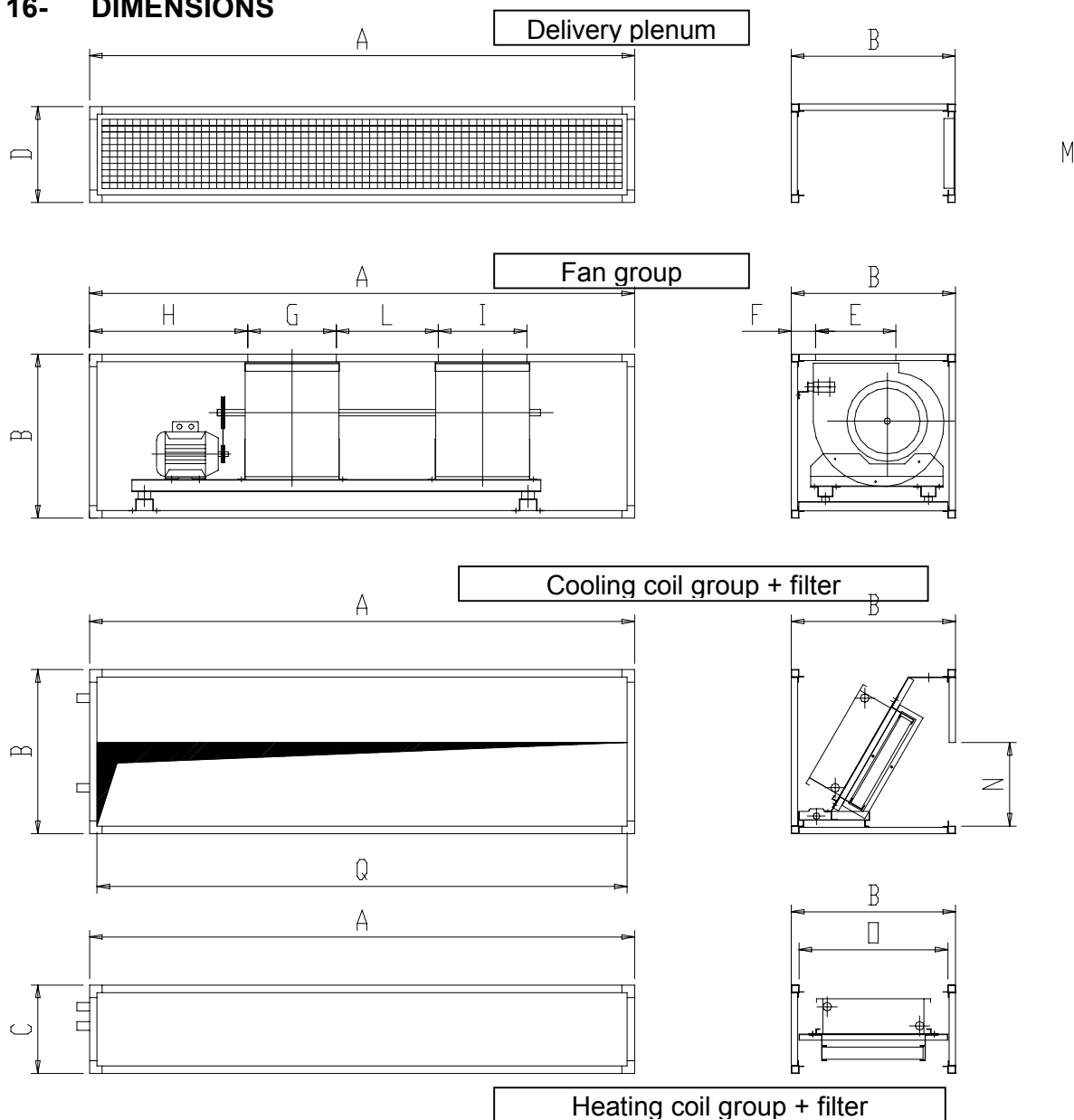
T 7

Coil output in cooling applications (water 5-10 °C)

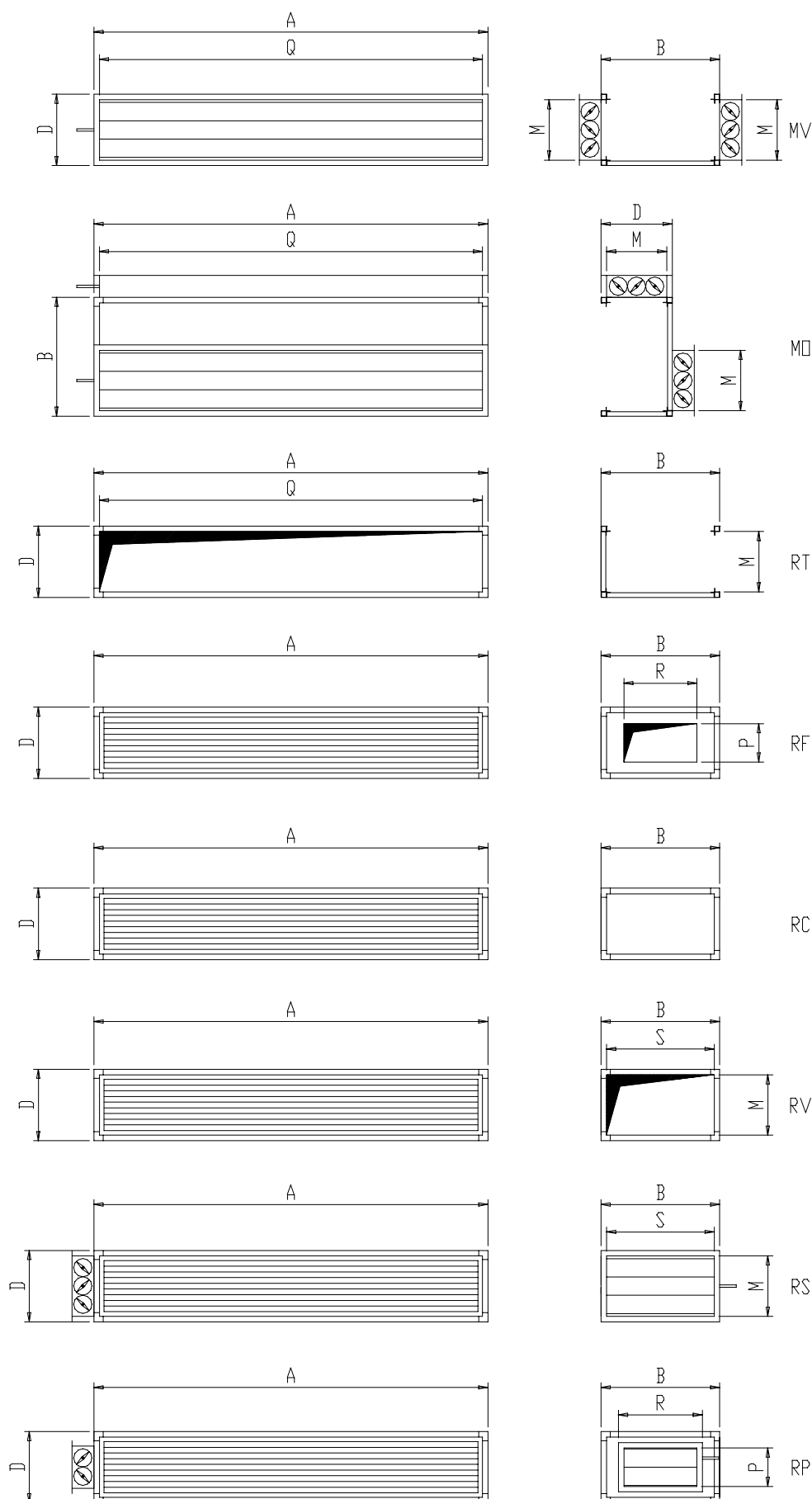
TH			3 R								3 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
16400	22	50	15,4	73	40,22	6919	1,2	16	41	0,9	13,8	84	45,06	7750	0,6	3	36	1
16400	24	50	16,3	73	54,42	9358	1,7	27	41	0,77	14,8	81	62,11	10683	0,9	5	53	0,81
16400	26	50	17,3	72	69,5	11953	2,1	41	41	0,68	15,4	81	80,92	13920	1,1	9	53	0,71
16400	28	50	-	-	-	-	-	-	-	-	16,1	81	101,03	17378	1,4	13	53	0,63
16400	30	50	-	-	-	-	-	-	-	-	16,8	80	122,53	21075	1,7	18	53	0,58
16400	32	50	-	-	-	-	-	-	-	-	17,5	80	145,56	25033	2	24	53	0,53
18400	22	50	15,8	72	42,26	7269	1,3	17	49	0,91	14,2	82	47,9	8239	0,7	3	43	1
18400	24	50	16,8	71	57,3	9855	1,8	29	49	0,77	15,2	80	65,5	11267	0,9	6	63	0,82
18400	26	50	17,8	71	73,3	12606	2,3	45	49	0,68	15,9	79	85,86	14767	1,2	10	63	0,71
18400	28	50	-	-	-	-	-	-	-	-	16,7	79	107,39	18473	1,5	14	63	0,64
18400	30	50	-	-	-	-	-	-	-	-	17,4	79	130,45	22437	1,8	20	63	0,58
18400	32	50	-	-	-	-	-	-	-	-	18,2	78	155,16	26686	2,1	27	63	0,53
20400	22	50	16,1	71	44,16	7594	1,4	19	58	0,91	14,6	80	50,53	8691	0,7	4	50	1
20400	24	50	17,2	70	59,94	10309	1,9	32	58	0,77	15,6	78	69,06	11878	1	7	75	0,82
20400	26	50	18,3	70	76,78	13204	2,4	49	58	0,68	16,4	78	90,4	15547	1,2	10	75	0,71
20400	28	50	-	-	-	-	-	-	-	-	17,2	77	113,26	19478	1,6	16	75	0,64
20400	30	50	-	-	-	-	-	-	-	-	18	77	137,75	23694	1,9	22	75	0,58
20400	32	50	-	-	-	-	-	-	-	-	18,8	77	164,03	28212	2,3	30	75	0,53

TH			4 R								6 R							
PA	TIA	UR	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT	TUA	UR	POT.	PH	VH	DPH	DPA	QSQT
m3/h	°C	%	°C	%	kW	l/h	m/s	kPa	Pa		°C	%	kW	l/h	m/s	kPa	Pa	
16400	22	50	12,8	88	53,53	9208	0,6	3	64	0,94	10,2	94	78,83	13559	0,8	7	82	0,82
16400	24	50	13,2	87	74,11	12748	0,8	4	64	0,79	10,2	94	103,44	17791	1,1	12	82	0,72
16400	26	50	13,6	87	95,87	16487	1	7	64	0,7	10,3	94	129,09	22199	1,3	18	82	0,66
16400	28	50	14,1	87	119,06	20478	1,2	10	64	0,63	10,5	94	156,04	26835	1,6	25	82	0,6
16400	30	50	14,5	86	143,73	24719	1,5	14	64	0,58	10,6	94	184,42	31723	1,9	33	82	0,56
16400	32	50	15	86	170,05	29245	1,8	19	64	0,53	10,7	94	214,55	36901	2,2	43	82	0,53
18400	22	50	12,8	90	56,84	9777	0,6	3	51	1	10,5	93	84,84	14594	0,9	8	99	0,83
18400	24	50	13,7	86	78,93	13576	0,8	5	76	0,8	10,7	93	111,68	19207	1,2	14	99	0,73
18400	26	50	14,2	85	102,42	17617	1,1	8	76	0,7	10,8	93	139,74	24030	1,4	20	99	0,66
18400	28	50	14,7	85	127,43	21919	1,3	12	76	0,63	11	93	169,29	29113	1,7	28	99	0,61
18400	30	50	15,2	85	154,11	26505	1,6	16	76	0,58	11,2	92	200,48	34479	2,1	38	99	0,56
18400	32	50	15,7	85	182,61	31405	1,9	22	76	0,53	11,4	92	233,52	40167	2,4	50	99	0,52
20400	22	50	13,2	87	60,32	10376	0,6	3	60	1	10,9	92	90,42	15553	0,9	9	116	0,84
20400	24	50	14,1	84	83,38	14341	0,9	5	90	0,81	11,1	92	119,39	20535	1,2	15	116	0,73
20400	26	50	14,6	84	108,46	18656	1,1	9	90	0,7	11,3	91	149,75	25752	1,5	23	116	0,66
20400	28	50	15,2	83	135,2	23255	1,4	13	90	0,63	11,5	91	181,77	31258	1,9	32	116	0,61
20400	30	50	15,8	83	163,75	28164	1,7	18	90	0,58	11,7	91	215,6	37077	2,2	43	116	0,56
20400	32	50	16,4	83	194,28	33414	2	24	90	0,53	-	-	-	-	-	-	-	-

16- DIMENSIONS



Mod	T 1	T 2	T 3	T 4	T 5	T 6	T 7
A	1100	1350	1500	1900	1900	2560	2560
B	650	650	740	740	870	870	1130
C	350	350	350	350	350	460	460
D	390	390	460	460	600	600	600
E	318	318	381	381	455	381	455
F	97	97	97	97	97	132	132
G	375	375	451	451	537	451	537
H	362,5	487,5	524,5	724,5	681,5	626,5	641,5
I	-	-	-	-	-	451	537
L	-	-	-	-	-	405	478
M	330	330	400	400	540	540	540
N	330	330	400	400	475	410	600
O	590	590	680	680	810	810	1070
P	210	210	310	310	410	410	410
Q	1040	1290	1440	1840	1840	2500	2500
R	400	400	400	400	500	500	600
S	590	590	680	680	810	810	1070

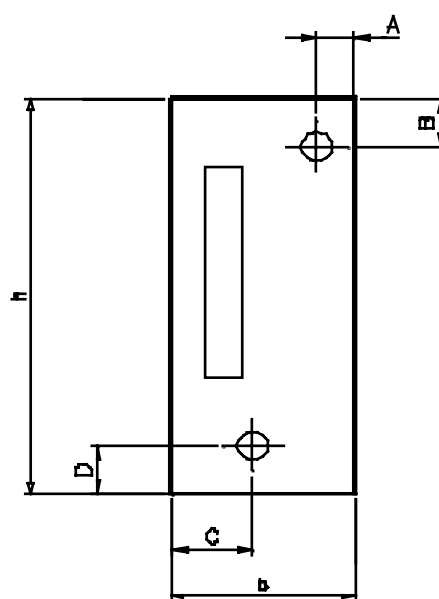
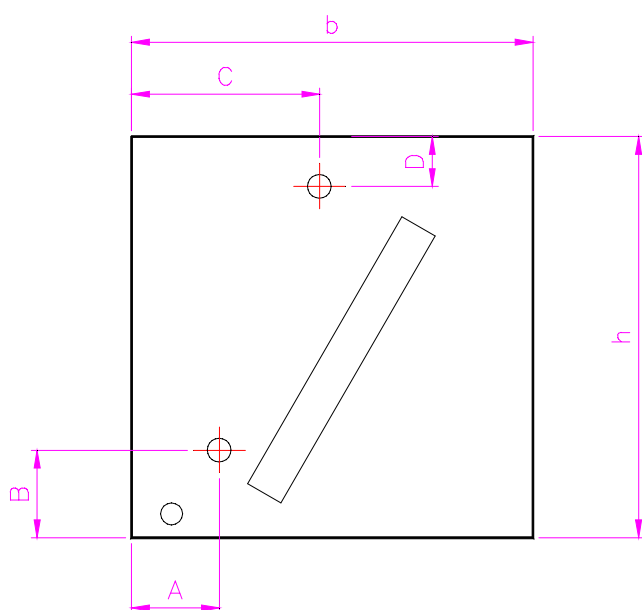


For codes, see the key on the next page.

Key

M	Delivery plenum
RT	Intake plenum with front opening for connection to duct
RC	Intake plenum with front panel
RV	Intake plenum with front panel and full-size lateral opening
RF	Intake plenum with front panel and partial lateral opening
RS	Intake plenum with front panel and full-size lateral damper
RP	Intake plenum with front panel and partial lateral damper
MO	Intake plenum with two dampers (recirculation and fresh air) for horizontal installation
MV	Intake plenum with two dampers (recirculation and fresh air) for vertical installation

Diameter and position of hydraulic connections



SECTION: COOLING							
Mod.	Ø	b	h	A	B	C	D
T 1	1"	650	650	173	180	292	112
T 2	1"	650	650	173	180	292	112
	1 1/4"			176	183	290	115
T 3	1"	740	740	173	183	342	112
	1 1/4"			175	186	340	115
T 4	1"			173	183	342	112
	1 1/4"	740	740	175	186	340	115
	1 1/2"			176	189	338	118
T 5	1 1/4"	870	870	175	173	493	111
	1 1/2"			177	175	491	113
T 6	1 1/2"	870	870	206	190	483	127
T 7	1 1/2"	1130	1130	206	190	656	141
	2"			210	195	652	145

SECTION: HEATING							
Mod.	Ø	b	h	A	B	C	D
T 1	1"	350	650	188	140	86	140
T 2	1"	350	650	188	140	86	140
T 3	1"	350	740	188	135	86	135
	1 1/4"			188	139	86	139
T 4	1"			188	135	86	135
	1 1/4"	350	740	188	138	86	138
	1 1/2"			188	142	86	142
T 5	1 1/4"	350	870	188	104	86	104
	1 1/2"			188	107	86	107
T 6	1 1/2"	460	870	211	129	159	129
T 7	1 1/2"	460	1130	221	109	149	109
	2"			221	115	149	115

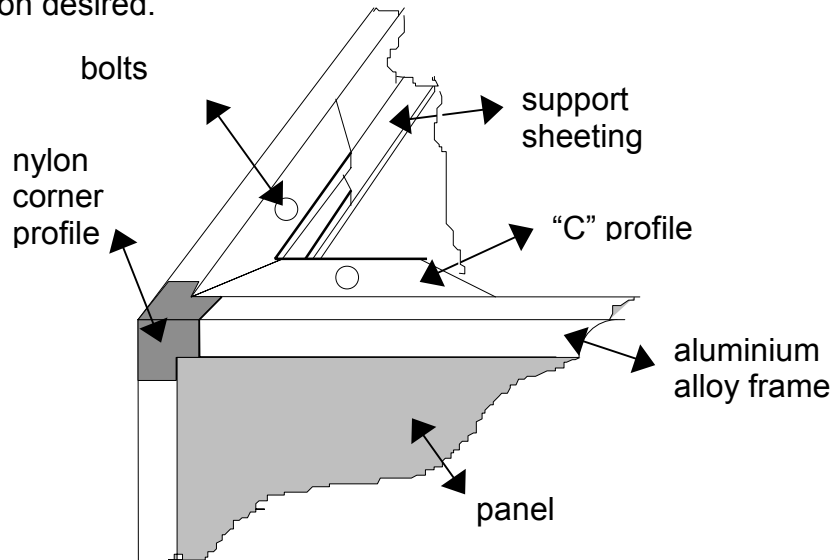
Model	T 1	T 2	T 3	T 4	T 5	T 6	T 7
Manifold diameter 2 row coil	1"	1"	1"	1"	1"1/4	1"1/2	1"1/2
Manifold diameter 3 row coil	1"	1"	1"	1"1/4	1"1/2	1"1/2	2"
Manifold diameter 4 row coil	1"	1"	1"	1"1/4	1"1/2	1"1/2	2"
Manifold diameter 6 row coil	1"	1"1/4	1"1/4	1"1/2	1"1/2	1"1/2	2"
Drain diameter	1"	1"	1"	1"	1"	1"	1"

17- Weight [kg]

Code	Frame	T 1	T 2	T 3	T 4	T 5	T 6	T 7
	Filter	1.0	1.2	1.6	2.0	2.4	6.0	10.0
	Fan section	69.0	77.1	101.9	115.6	149.7	201.8	284.3
	Conditioning section 2 Row	64.0	74.5	92.9	112.1	134.7	188.1	244.9
	Conditioning section 3 Row	66.6	77.5	96.7	116.9	141.2	198.7	262.1
	Conditioning section 4 Row	68.1	80.0	100.2	122.4	146.2	210.7	277.6
	Conditioning section 6 Row	71.9	85.0	107.2	130.7	160.5	233.4	302.5
	Heating section 2 Row	47.4	55.1	66.0	79.9	92.0	141.5	170.4
	Heating section 3 Row	50.0	58.1	69.8	84.7	98.5	152.1	187.6
	Heating section 4 Row	51.5	60.6	73.3	90.2	103.5	164.1	203.1
GC	Return air panel conditioning section	2.3	2.9	3.9	5.0	6.7	9.1	9.1
GR	Return air panel heating section	3.5	4.3	5.8	7.5	10.1	13.7	13.7
RT	Intake plenum with front opening	22.0	25.8	33.6	40.6	52.8	67.2	77.6
RS	Return plenum with vent and full-size PAE damper	25.2	29.0	37.9	46.0	60.1	77.0	87.5
RP	Return plenum with vent and partial PAE damper	24.6	28.7	37.5	45.7	59.6	76.5	86.6
RF	Return plenum with vent and perforated PAE damper	23.3	27.7	36.1	44.2	57.1	74.0	83.7
RC	Return plenum with vent and blind panel	24.4	28.7	37.5	45.6	59.5	76.4	86.7
RV	Return plenum with vent without lateral panel	22.3	26.6	34.6	42.7	54.8	71.7	80.6
MO	Horizontal return plenum with two dampers	26.5	30.4	39.8	48.3	63.1	80.8	91.9
MV	Vertical return plenum with two dampers	26.5	30.4	39.8	48.3	63.1	80.8	91.9
M	Delivery plenum with port and twin rows of blades	25.8	30.4	39.8	48.6	63.5	81.8	92.2
P	Support feet	1.6	1.6	1.6	1.6	1.6	2.4	3.2

18- Installation

As illustrated above, the interchangeability of panels makes it possible to arrange air delivery on either of two sides, with intake from one of three. Each section installed on the T unit comes with "C"-type, corner and lateral profiles, for securing sections according to the configuration desired.



Unit orientation variation

To modify the orientation of the unit, exchange the fan section and cooling panels; separate and rejoin the "C" profiles as necessary.

Inverting the coil connection side

To invert the connection side of the unit, proceed as follows:

- remove the side panels;
- remove the securing screws, then slide out the coil along the guides;
- place the plugs on the opposite manifold connectors to ensure coil drainage;
- slide in the coil on the opposite side, then secure with screws;
- switch and refit the panels.

Assembling the delivery plenum

To assemble the delivery plenum, proceed as follows:

- remove the screws securing the fan delivery panel to the "C" profiles on the plenum;
- position the seal on the aluminium profile;
- remove the plenum delivery panel;
- position the plenum by securing the "C" profiles to the fan section by means of the screws previously removed;
- refit the delivery panel.

Assembling the intake plenum

To assemble the intake plenum, proceed as follows:

- position the seal on the plenum aluminium profile;
- position the after having removed one of the panels;
- secure the sections by means of the C profiles supplied;
- refit the panel previously removed.

Making connections to the hydraulic system

The coil should be connected to the hydraulic system through the upper connector. A bleed valve should be fitted at the highest point of the coil connection to facilitate bleeding of accumulated air. Gate valves should also be fitted to the delivery and return of each coil to facilitate special unit maintenance.

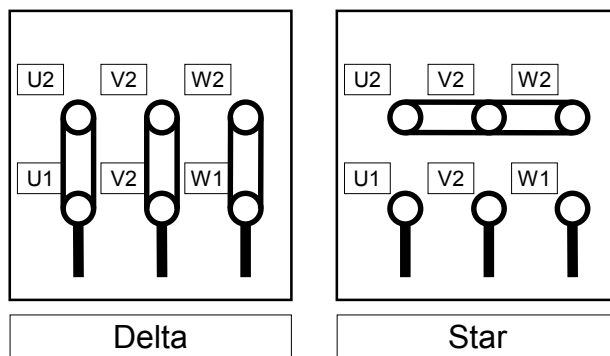
Make sure that the condensate connection tray is adequately drained during summer applications of the unit.

Making connections to the electricity supply

The T unit is supplied without sensors and adjustment devices. For this reason, the only terminal board on the unit is the one used for the motor.

Use adequately sized wiring for the motor earth connection. The unit housing should also be earthed.

The wiring diagrams of three-phase electric motors are given below. Always consult the diagram inside the terminal board or on the rear of the terminal board cover.



- Single-speed, two voltage direct start-up electric motors should be star connected in the case of greater mains voltage, and delta connected in the case that mains voltage is lower:
motor 220/380 V: delta connection for 220V supply
 star connection for 380V supply
- All motors can rotate in either direction; to reverse the direction of rotation, invert two connections of the line to the stator terminals.
- **A thermal or magnetothermal protection must be installed on the motor feeding.**

First start-up

When starting up the unit for the first time, check:

- the direction of fan rotation, indicated by the arrow on the fan housing;
- that the power absorption by the motor does not exceed the nominal current value specified on the plate;
- the air flow; in the case of summer cooling, the capacity should not exceed the nominal rating to prevent entrainment of condensate on the coil.

19- Use and Maintenance

Varying fan rotation speed

All units in the T series are equipped with a variable diameter motor pulley, to adjust fan speed to the requirements of the air distribution system.

To modify the fan speed, proceed as follows:

- remove one of the fan section inspection panels;
- slacken the nuts securing the motor slide to the support to reduce belt tension;
- remove the belt;
- use the special key to adjust the screw on the moving part of the variable pulley;
- to increase fan speed, bring the two sections of the pulley closer together, or move them further apart to reduce it;
- fit the adjuster screw and lock;
- refit the belt, adjust belt tension, then check that the two pulleys are perfectly aligned (to ensure longer belt life), then tighten the nuts previously slackened;
- check motor power absorption again to ensure that it does not exceed that specified by the plate.

Drive belt: periodically check the tension of the belt and its state of wear; adjust tension or replace the belt by following the procedure described in the paragraph relating to fan speed adjustment.

Filter: the filter should be cleaned whenever pressure loss is equal to or greater than 150 Pascal. To check pressure loss, use a differential pressure gauge positioned between the two sides of the filter. Filter cells are mounted on guides for easy removal. To remove filter cells, remove the side door. using the tool mounted on one of the screws, slide out the cells. Filter cells are connected to one another by a sheet metal clip, which should be repositioned prior to refitting to cells to facilitate future removal operations.

20. Warnings and safety standards

Observe the following regulations when installing, starting up, using and servicing the unit:

- ***When lifting, bear in mind that the centre of gravity of the unit may be off-centre.***
- ***Make sure that the unit and all its electric parts have been correctly earthed prior to starting up the unit.***
- ***If the unit is not fitted with a delivery plenum, make sure that the fan port has been connected to ducting or is covered by a protective grille prior to starting up the unit.***
- ***Never use the unit to support other equipment.***
- ***Never walk on or climb over the unit.***
- ***Before opening the unit, make sure that all electrical parts have been switched off. In particular, make sure that the fan is off and cannot be inadvertently started prior to opening inspection hatches.***
- ***Do not open inspection hatches when the fan is operating.***
- ***Make sure that all panels and hatches are closed properly.***
- ***Beware of sharp edges inside the unit.***
- ***Beware of heat exchange coils: danger of burning.***
- ***Beware of interlocking dampers, which could close suddenly.***

21. Troubleshooting

FAULT	POSSIBLE CAUSE	CHECK	REMEDIES
Motor out of absorption range	Excessive capacity.	Capacity and static pressure. Fan speed.	Reduce fan rotation speed.
Excessive air flow	Air distribution system load loss has been overestimated.	Capacity and static pressure. Fan speed.	Reduce fan rotation speed
Insufficient air flow	Air distribution system load loss has been underestimated.	Capacity and static pressure. Fan speed.	Increase fan speed according to motor power rating and maximum fan speed.
Excessive noise	Flow is too high.	Capacity.	Reduce air flow.
	Bearings are damaged. Metal components are damaged. Rotating parts are off balance.	Bearings. State of components. Vibrations in unit base.	Replace bearings. Replace damaged parts. Replace fan.
Water entrainment	Flow too high. Siphon is clogged. No siphon.	Flow. Siphon. Presence of siphon.	Reduce flow. Clean siphon. Fit a siphon.
Excess belt wear	Belts are slack. Pulleys are off line.	Belt tension. Pulley alignment.	Tighten belts. Align pulleys.
Set temperature not reached	Air flow too low. Incorrect inlet temperature. Air in coil. Water flow is insufficient.	Air flow. Water temperature. Flow control components. Circulation pump.	Increase flow. Heater/cooler group inadequate. Bleed air from valve. Replace circulation pumps.
	Water temperature is too low.		

N.B. Bear in mind that conditioning units are integrated into a general system. For this reason, faults may be caused by other system components, incorrect interaction between the unit and system, or ambient conditions different from those specified for unit design.

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AERMEC S.p.A.
37040 Bevilacqua (VR) - Italy
Via Roma, 44 - Tel. (0442) 633111
Telefax (0442) 93566 – 93730
Internet: www.aermec.com
