

200; 300; 500 l

INDIRECT HEATED CYLINDERS WITH TWO HEAT



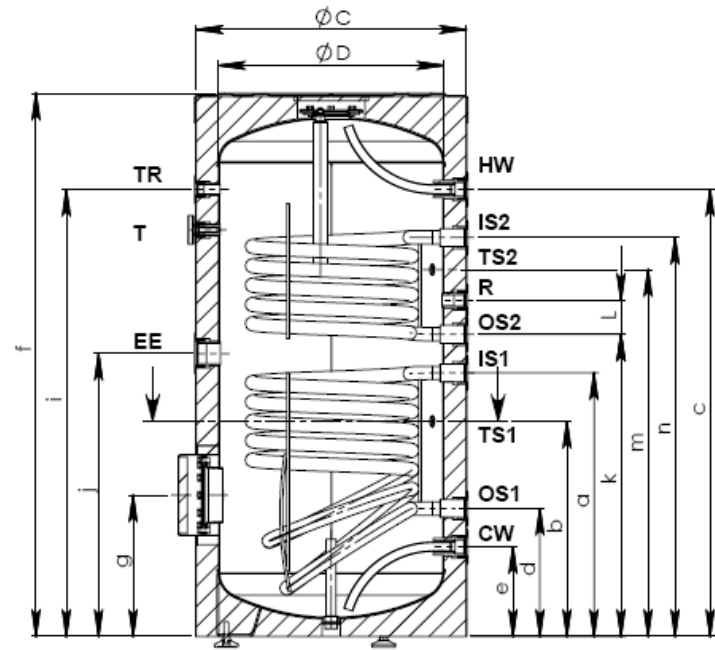
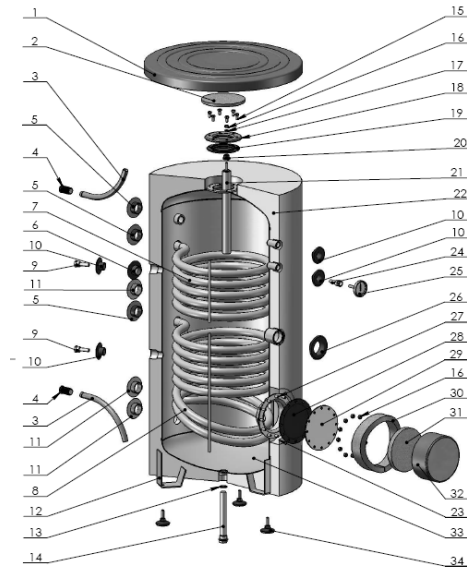
MODEL		EV 7/5S 200 60 F40 TP2	EV 10/7S2 300 65 F41 TP2	EV 15/7S2 500 75 F42 TP2
Art.number	№	3221	3222	3223
Actual Capacity DIN4753	l	196	286	482
net weight	kg	70	100	158
Insulation (Rigid PU)	mm	50	50	50
Heat exchanger surface S1	m ²	0.75	1.21	2.25
Heat exchanger surface S2	m ²	0.54	0.85	1.06
Heat exchanger capacity S1	l	4.6	7.4	13.7
Heat exchanger capacity S2	l	3.3	5.2	6.4
Exchanged power in continuouse mode (max coil output) S1 *60-80/70-90°C	kW	23/30	34/46	61/73
Exchanged power in continuouse mode (max coil output) S2 *60-80/70-90°C	kW	13/20	25/33	35/47
Continuous flow rate of DHW at ΔT35°C (S1)*60-80/70-90°C	l/h	558/648	792/1092	1500/1795
Continuous flow rate of DHW at ΔT35°C (S2)*60-80/70-90°C	l/h	318/468	594/785	785/1002
Maximum quantity of drawn off water MIX 45°C (**15-60°C), Power input cut off (S1)	l	225	302	510
Maximum quantity of drawn off water MIX 45°C (**15-60°C), Power input cut off (S2)	l	111	151	250
Heat losses ΔT45K	kWh/24h	2.5	2.7	2.9
Maximum operational temperature	T°C	95	95	95
Rated pressure	bar	8	8	8
Rated pressure of the heat exchanger	bar	6	6	6
NL factor S1		4.1	8	18
NL factor S2		1	1.4	3
Minimum time of heating S1 *80°C-**15/60°C	min	39	40	42
Minimum time of heating S2 *80°C-**15/60°C	min	39	39	39
Thermo pockets	pieces	2	2	2

indirect heated water heater with one heat exchanger	EV 9S 200 60 F40 TP	EV 12S 300 65 F41 TP	EV 15S 500 75 F42 TP	EV 12S 800 99 F43 TP	EV 13S 1000 105 F44 TP
indirect heated water heater with two heat exchangers	EV 7/5 S2 200 60 F40 TP2	EV 10/7 S2 300 65 F41 TP	EV 15/7 S2 500 75 F42 TP2	EV 12/9 S2 800 99 F43 TP2	EV 13/7 S2 1000 105 F44 TP2
buffer DHW	EV 200 60 F40 TP3	EV 300 65 F41 TP3	EV 500 75 F42 TP3	EV 800 99 F43 TP3	EV 1000 105 F44 TP3
buffer central heating	V 200 60 F40 P4	V 300 65 F41 P4	V 500 75 F42 P4	V 800 99 F43 P4	V 1000 105 F44 P4

E	V	7/	5	S	2	200	60	F40	T	P	2	
												Number of thermo pockets
												Presence of thermo pocket
												Presence of thermometer
												Design of the upper plastic panel
												Outer diameter of the water heater
												Volume
												Number of coil heat exchangers
												Presence of heat exchanger
												Number of upper coil turning
												Number of lower coil turning
												Vertical boiler position
												Type of anti corrosion coating - E - enameled

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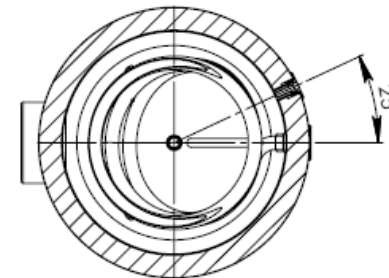
INDIRECT HEATED CYLINDERS WITH TWO HEAT



CW - cold water inlet, G 1" - f
 HW - hot water outlet, G 1" - f
 IS1 - solar installation flow, G 1" - f
 OS1 - solar installation return, G 1" - f
 R - recirculation, G 3/4" - f
 TS1 - thermosensor 1, G 1/2" - f

IS2 - central heating flow, G 1" - f
 OS2 - central heating return, G 1" - f
 TS2 - thermosensor 2, G 1/2" - f
 EE - opening for electrical element, G 1 1/2" - f
 T - external thermometer, G 1/2" - f
 TR - opening for thermoregulator, G 1/2" - f

	200L	300L	500L
a [mm]	585	718	944
b [mm]	478	610	750
c [mm]	993	1207	1448
d [mm]	284	288	299
e [mm]	199	203	214
f [mm]	1200	1420	1674
g [mm]	314	314	324
h [mm]	-	-	-
i [mm]	993	1207	1448
j [mm]	628	760	986
k [mm]	671	803	1029
l [mm]	75	100	136
m [mm]	815	996	1265
n [mm]	886	1104	1330
ØC [mm]	600	650	750
ØD [mm]	500	550	650

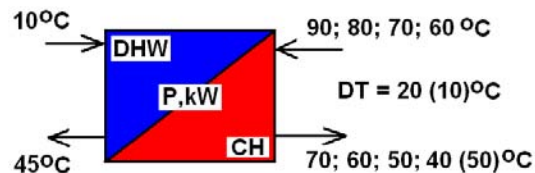


SUMMURIZED INFORMATION

		Rigid insulation PU 50 mm			Soft insulation PU 100mm	
boiler outer diameter	mm	500	550	650	990	1050
boiler outer diameter without soft insulation	mm				790	850
boiler height	mm	1200	1420	1674	1937	2002
volume	l	200	300	500	800	1000
gross power range	kW	5-39	9-52	6-86	to 103	17-175
gross power range	kW	5-86			17-175	

SUMMURIZED INFORMATION - HEAT

T	coil HE	200	200S2	300	300S2	500	500S2	800	800S2	1000	1000S2
oC		kW / l/min	kW / l/min	kW / l/min	kW / l/min	kW / l/min	kW / l/min	kW / l/min	kW / l/min	kW / l/min	kW / l/min
90	S1	39/28	29/21	52/37	45/33	86/62	86/62	148/105	1148/105	175/110	175/110
	S2		19/14		32/21		39/29		87/63		72/53
80	S1	31/22	22/16	39/28	33/24	64/46	64/46	107/77	107/77	130/85	130/85
	S2		13/9		24/17		27/19		57/42		50/36
70	S1	17/12	14/10	29/21	25/18	41/28	41/28	70/50	70/50	85/55	85/55
	S2		9/7		15/11		17/12		36/26		30/22
60 (DT10)	S1	9/13	7/11	24/34	20/28	20/27	20/27	50/71	50/71	56/80	56/80
	S2		5/8		9/13		6/10		20/30		17/25



SUMMURIZED INFORMATION

Material tickness, mm:

inderect heated water heater with one heat exchanger	EV 9S 200 60 F40 TP	EV 12S 300 65 F41 TP	EV 15S 500 75 F42 TP	EV 12S 800 99 F43 TP	EV 13S 1000 105 F44 TP
cylinder / dome, mm	2/2.5	2.5/2.5	3/3	4/4	4/4
inderect heated water heater with two heat exchangers	EV 7/5 S2 200 60 F40 TP2	EV 10/7 S2 300 65 F41 TP	EV 15/7 S2 500 75 F42 TP2	EV 12/9 S2 800 99 F43 TP2	EV 13/7 S2 1000 105 F44 TP2
cylinder / dome	2/2.5	2.5/2.5	3/3	4/4	4/4
buffer DHW	EV 200 60 F40 TP3	EV 300 65 F41 TP3	EV 500 75 F42 TP3	EV 800 99 F43 TP3	EV 1000 105 F44 TP3
cylinder / dome	2/2.5	2.5/2.5	3/3	3/3	4/4
buffer central heating	V 200 60 F40 P4	V 300 65 F41 P4	V 500 75 F42 P4	V 800 99 F43 P4	V 1000 105 F44 P4
cylinder / dome	2/2.5	2.5/2.5	3/3	4/4	4/4

Pressure according to EN 12897

Pressure vessel:

Nominal pressure: 6 Bar

Max. design pressure: 8 Bar – safety valve

Test Pressure: 12 Bar

Max temperature: 95°C

Coil heat exchanger:

Max. pressure: 6Bar

Max. temperature: 160°C