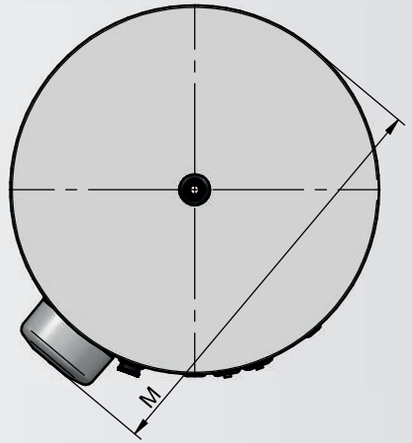
BIG CAPACITY COMBINED FLOOR STANDING WATER HEATERS FROM 750 TO 2000L (S)

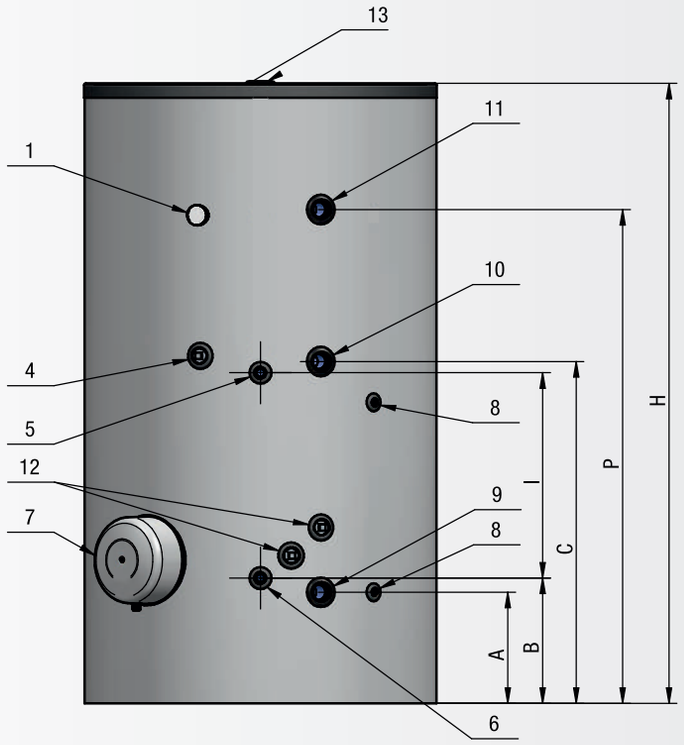
Water heaters type: indirect
Installation: floor standing
Capacity: from 750 to 2000l.
Water tank: enameled

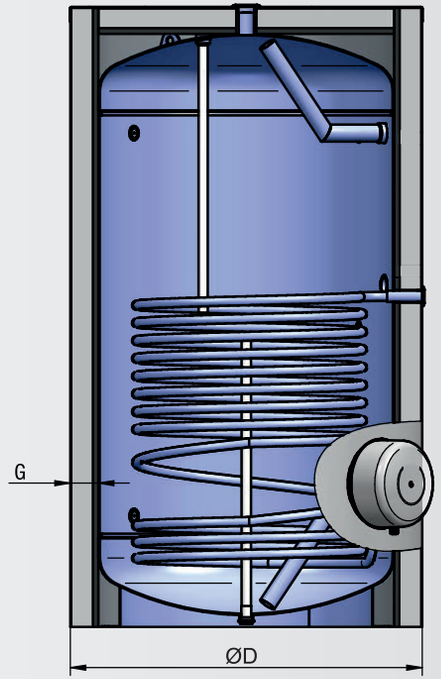
This group of water heaters has very high energy efficiency that can meet the needs of large consumers. These models are suitable for connections to solar collectors or heat pump. The heat exchanger large area allows for universal use of these water heaters.



DESCRIPTION

- Minimal heat losses: Thick EPS insulation of expanded polystyrene with high density graphite microparticles for models from 750 to 2000liters;
- Lower heat exchanger with large heat exchanging surface designed for connection to a solar collector or a heat pump;
- SHIELD technology - a unique formula for wear-resistant enamel coating with increased zirconium content with lithium and cobalt oxides - for durability and long life of the water tank in enameled models;
- Two magnesium anodes for optimal corrosion protection;
- Five levels of protection;
- Connections convenient for installation and maintenance;
- Sensor socket for both heat exchangers;
- Socket for mounting of an additional electric heating element;
- Circulation socket;
- Mechanical or electronic control;
- A 100mm thick insulation, easy for dismounting;
- Zipped lining of wear-resistant a synthetic fabric in INOX color;
- Thermometer;
- External thermostat;
- Optional replacing kit (flange, heating element/s and anode).





SPECIFICATIONS

Parameters					
Model	...	**FV75010FS**	**FV10010FS**	**FV15013FS**	**FV20014FS**
Volume group	...	750	1000	1500	2000
Energy efficiency class	...	...	...	...	...
Rated pressure	Mpa	0.6	0.6	0.8	0.8
Volume	L	738	936	1455	2000
Insulation thickness	mm	80	80	100	100
Gross weight	kg	197	235	370	477
Heat exchanger (main heat)					
Operating pressure	Mpa	1	1	1	1
Maximum temperature of the heating fluid	°C	110	110	110	110
Maximum temperature in the tank heated by a heat exchanger. Appliance without / with auxiliary electric immersion heating element.	°C	95/85	95/85	95/85	95/85
Surface area	m²	2.03	3.04	3.04	4.25
Volume	L	13.3	20	20	27.9
NL	...	19	30	35	45
Continuous output according DIN 4708	kW	65	94	91	130
Flow rate according DIN 4708	L/min	27	39	38	54
Power according EN 12897	kW	26.2	34	31	41
Heat-up time according EN 12897	min	76.6	77	117	111
Pressure drop	mbar	50	70	70	80
Maximum amount of drained water MIX 40°C according EN12897 when S1`s energy source is off	L	1058	1390	1934	2515
Electrical part (auxiliary heating)					
Rated voltage	V	0/400 3N~	0/400 3N~	0/400 3N~	0/400 3N~
Rated electrical power	kW	0/9/12	0/9/12	0/9/12	0/9/12
Heat-up time with electric heating element (up to 70°C) [2]	min	---/285/215	---/375/285	---/550/410	---/740/555
Maximum temperature in the tank when heated with electric heating element	°C	75	75	75	75
Connections					
1: Thermometer		yes	yes	yes	yes
4: Additional socket		G1 1/2 F	G1 1/2 F	G1 1/2 F	G1 1/2 F
5: S1 - Feed		G1 F	G1 F	G1 F	G1 F
6: S1 - Return		G1 F	G1 F	G1 F	G1 F
7: Flange with a heating element		yes	yes	yes	yes
8: Socket for thermostat		G1/2 F	G1/2 F	G1/2 F	G1/2 F
9: Fresh water inlet - Drain		G1 1/2 F	G1 1/2 F	G2 F	G2 F
10: Recirculation		G3/4 F	G3/4 F	G2 F	G2 F
11: Hot water outlet		G1 1/2 F	G1 1/2 F	G2 F	G2 F
12: Additional socket		-	-	G1 1/2 F	G1 1/2 F
13: Hot water outlet		G1 1/4 F	G1 1/4 F	G2 F	G2 F
Dimensions					
A	mm	330	330	395	415
B	mm	420	420	445	465
C	mm	950	1110	1215	1255
D	mm	1010	1010	1250	1400
G	mm	80	80	100	100
H	mm	1655	2000	2210	2255
I	mm	470	630	730	730
M	mm	1110	1110	1385	1535
P	mm	1280	1620	1755	1775

1. All values in the table are approximate.
2. The heat-up time with the electric resistance heater is for actual capacity.

ELDOM Green Line