

SOLAR WATER HEATERS FOR WALL MOUNTING WITH ONE HEAT EXCHANGER (S)

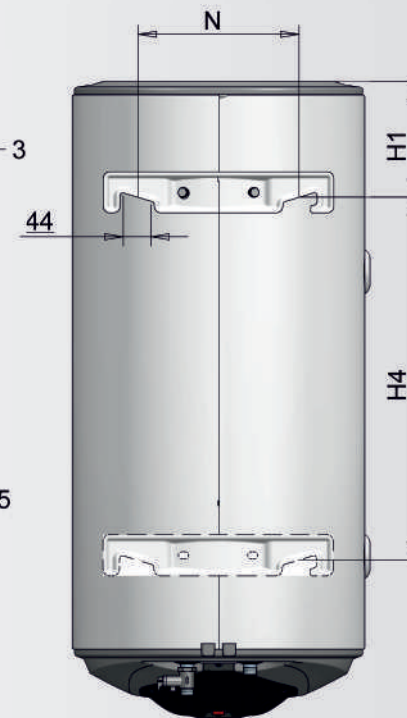
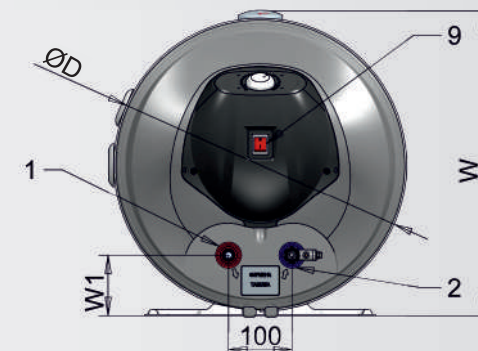
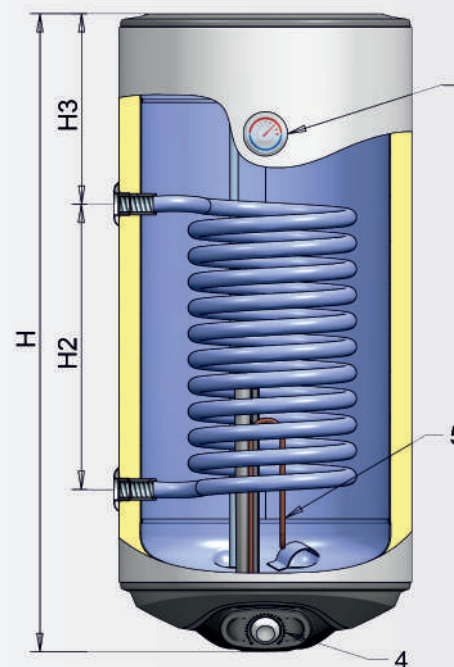
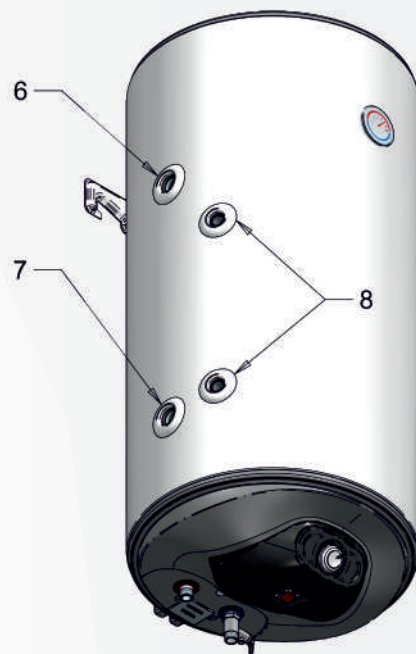


Water heaters type: indirect
 Installation: wall mounted, vertical
 Capacity: 80, 100, 120, 150 and 200l.
 Water tank: enameled

Our S series models are equipped with a solar heat exchanger with large heat exchanging surface. It is mounted in the lower section of the appliance and it is able to accumulate the maximum of the source heat. These models are designed for connection to solar systems but due to the large heat exchanging surface they are also suitable for universal usage. Models with integrated combined electronic control (E) are available for each capacity.

i DESCRIPTION

- Extremely low heat losses: Dense Closed-Cells thermal insulation from the HFO group with a thickness of more than 33 mm;
- Large heat exchanging surface of the heat exchangers;
- 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;
- Unique "6-Level Protection";
- Specific elliptic flange for higher safety;
- Combined metal safety valve;
- Connections convenient for installation and maintenance;
- Mechanical or electronic control;
- Sensor sockets for the heat exchanger;
- External thermostat;
- Temperature indicator;
- Illuminated switch integrated in the models with mechanical control unit.



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SPECIFICATIONS

Parameters						
Model	...	WV08039SL WV08039SR	WV10046SL WV10046SR	WV12046SL WV12046SR	WV15046SL WV15046SR	72281S
Volume group	...	80	100	120	150	200
Energy efficiency class	...	B	B	B	B	B
Rated pressure	Mpa	0.7	0.7	0.7	0.7	0.7
Volume	L	73	91	112	142	186
Insulation thickness	mm	33	33	33	33	43
Weight with packing	kg	36.5	39	44.5	55	73
Heat exchanger (main heat)						
Operating pressure	Mpa	1	1	1	1	1
Maximum temperature of the heating fluid	°C	95	95	95	95	95
Maximum temperature in the tank heated by a heat exchanger	°C	85	85	85	85	85
Surface area	m ²	0.49	0.65	0.65	0.89	0.89
Volume	L	1.81	3.15	3.15	4.3	4.3
Power according EN 12897	kW	10	13.4	12.2	17.3	17.5
Heat-up time according EN 12897	min	21	21	28	24.5	32
Pressure loss	mbar	90	50	50	55	50
Maximum amount of drained water MIX 40°C according En12897 when S1's energy source is off	L	116	150	190	232	310
Electrical part (auxiliary heating)						
Rated voltage	V~	230	230	230	230	230
Rated electrical power	kW	2/3	2/3	2/3	2/3	3
Heat-up time with electric heating element (up to 70°C) [2]	min	150/100	188/125	232/155	293/195	260
Max. temperature in the tank when heated with electric heating element	°C	75	75	75	75	75
Connections						
1: Hot water outlet		G1/2 M	G1/2 M	G1/2 M	G1/2 M	G1/2 M
2: Cold water inlet - Drain		G1/2 M	G1/2 M	G1/2 M	G1/2 M	G1/2 M
3: Temperature indicator		yes	yes	yes	yes	yes
4: Control panel		yes	yes	yes	yes	yes
5: Flange with a heating element		yes	yes	yes	yes	yes
6: Heating coil - Feed		G1/2 F	G3/4 F	G3/4 F	G3/4 F	G3/4 F
7: Heating coil - Return		G1/2 F	G3/4 F	G3/4 F	G3/4 F	G3/4 F
8: Socket for thermostat		G1/2 F	G1/2 F	G1/2 F	G1/2 F	G1/2 F
9: Illuminated switch		yes	yes	yes	yes	yes
Dimensions						
H	mm	1125	1005	1170	1420	1255
H1	mm	155	185	185	185	190
D	mm	387	462	462	462	586
W1	mm	80	96	96	96	105
W	mm	410	484	484	484	600
H2	mm	450	450	450	670	450
H3	mm	425	305	470	500	195
H4	mm	-	-	-	1003	780
N	mm	255	255	255	240	240

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