

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

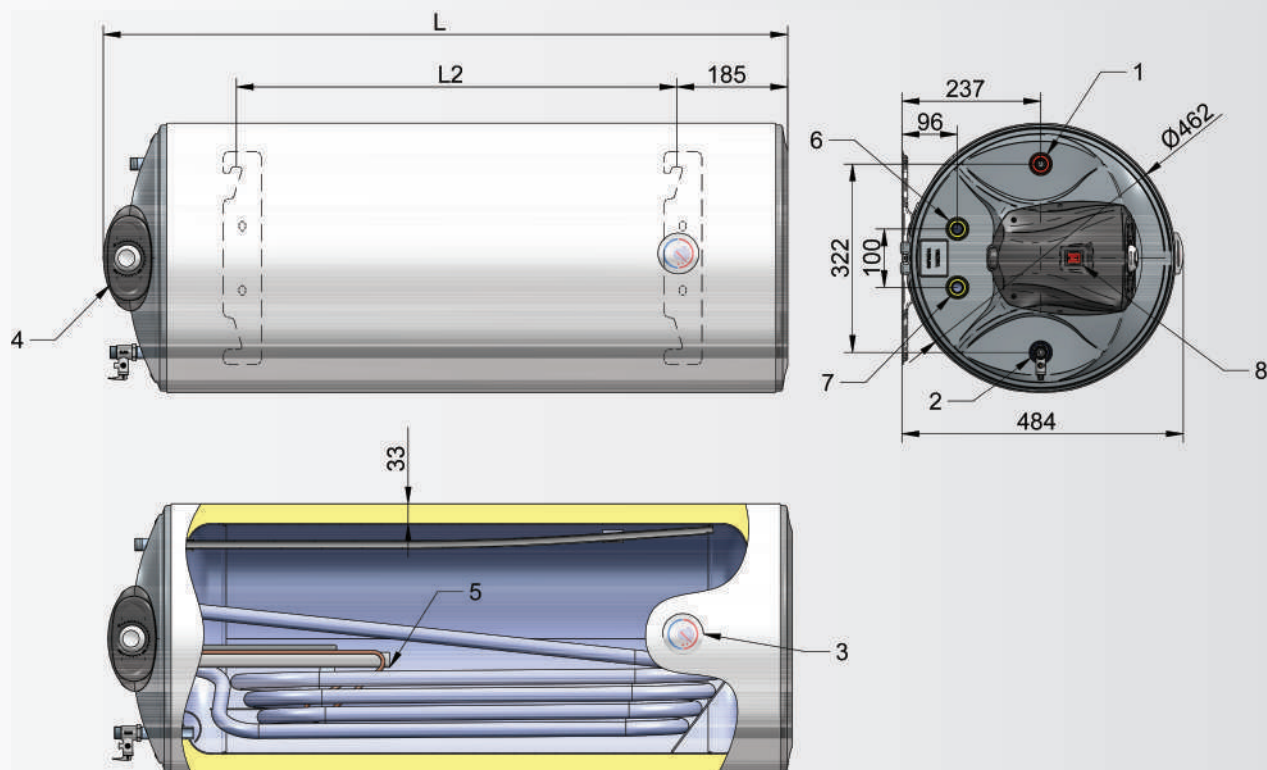


Water heaters type: indirect
Installation: wall mounted, horizontal,
Capacity: 80, 100, 120, 150 and 200l.
Water tank: enameled

ELDOM Green Line horizontal water heaters are chosen by many of our customers due to their innovative design and high efficiency. The outlets can be positioned at the left or the right side of the appliance, according to the customers' requirements.

i DESCRIPTION

- Extremely low heat losses: Dense Closed-Cells thermal insulation from the HFO group with a mthickness of more than 33 mm;
- Innovative conical form of the heat exchanger. This provides bigger contact area and perfect application of enamel coating on the coil;
- Constructive solution for trouble free vending of the heat exchanger;
- 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 System;
- Specific elliptic flange for higher safety;
- Combined metal safety valve;
- Connections convenient for installation and maintenance;
- External thermostat;
- Temperature indicator;
- Illuminated switch.



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SPECIFICATIONS

Parameters		WH08039LSL WH08039RSR	WH08046LSL WH08046RSR	WH10046LSL WH10046RSR	WH12046LSL WH12046RSR	72280XBS 72280XBSR	72281XBS 72281XBSR
Model	...						
Volume group	...	80	80	100	120	150	200
Energy efficiency class	...	C	C	C	C	C	C
Rated pressure	Mpa	0.7	0.7	0.7	0.7	0.7	0.7
Volume	L	73	76	91	112	143	186
Insulation thickness	mm	33	33	33	33	43	43
Weight with packing	kg	32	32	36.5	43	64	80
Heat exchanger (main heat)							
Operating pressure	Mpa	1	1	1	1	1	1
Maximum temperature of the heating fluid	°C	95	95	95	95	95	95
Maximum temperature in the tank heated by a heat exchanger	°C	85	85	85	85	85	85
Surface area	m ²	0.36	0.35	0.35	0.59	0.59	0.77
Volume	L	1.31	1.71	1.71	2.85	2.85	3.73
Power according EN 12897	kW	5.2	7	7.1	10	11.2	15
Heat-up time according EN 12897	min	25	30	34	28	27.5	26.5
Pressure loss	mbar	30	50	50	60	85	90
Maximum amount of drained water MIX 40°C according EN12897 when S1's energy source is off	L	105	80	80	85	170	220
Electrical part (auxiliary heating)							
Rated voltage	V~	230	230	230	230	230	230
Rated electrical power	kW	2/3	2/3	2/3	2/3	3	3
Heat-up time with electric heating element (up to 70°C) [2]	min	150/100	157/105	188/125	232/155	200	260
Maximum temperature in the tank when heated with electric heating element	°C	75	75	75	75	75	75
Connections							
1: Hot water outlet		G1/2 F	G1/2 M	G1/2 M	G1/2 M	G1/2 M	G1/2 M
2: Cold water inlet - Drain		G1/2 F	G1/2 M	G1/2 M	G1/2 M	G1/2 M	G1/2 M
3: Temperature indicator		yes	yes	yes	yes	yes	yes
4: Control panel		yes	yes	yes	yes	yes	yes
5: Flange with a heating element		yes	yes	yes	yes	yes	yes
6: Heating coil - Feed		G1/2 M	G1/2 M	G1/2 M	G1/2 M	G1/2 M	G1/2 M
7: Heating coil - Return		G1/2 M	G1/2 M	G1/2 M	G1/2 M	G1/2 M	G1/2 M
8: Illuminated switch		yes	yes	yes	yes	yes	yes
Dimensions							
L	mm	1135	835	1005	1170	1015	1255
L2	mm	770	415	587	753	560	780

1. All values in the table are approximate.
2. The heat-up time with the electric resistance heater is for actual capacity.
3. The largest water heater are offered in different design.