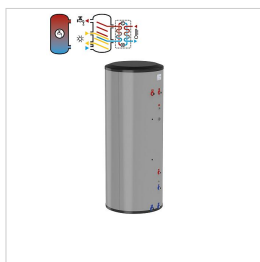


Product Data Sheet (2020-10-15)

WPS-E Solar

An indirectly heated water heater that can be used for combining heat pumps and solar systems to produce potable hot water.

A variant of the WPS-E, which is a combination of water heater for both heat pump systems and solar systems that is specially intended for use in renewable energy systems. The large surface of the coils guarantees a very efficient potable hot water production. This results in a short heat up time and guaranteed hot water performance.



Type	Capacity [l]	Dimensions *			Insulation colour	Weight [kg]	###	Order Code
		Ø [mm]	H [mm]	Tilting height [mm]				
WPS-E 300 Solar	281	675	1803	1884	silver	63	1	19959
WPS-E 500 Solar	459	795	2020	2126	silver	95	1	19952

* Dimensions including insulation.



Type	Distance from floor to connection centres									
	A/C [mm]	S [mm]	L [mm]	K [mm]	G2 [mm]	D [mm]	G1 [mm]	E [mm]	F/M/N [mm]	I [mm]
WPS-E 300 Solar	53	258	333	408	728	1158	1258	1293	1543	1728
WPS-E 500 Solar	55	283	383	503	690	1286	1302	1422	1723	1923

Technical specifications	WPS-E Solar	
	300	500
Total heat loss (EN 12897) [W]	57	73
Insulation thickness [mm]	85	95
Energy label	B	B
Heating surface area [m²]	3.13	3.7
Heating surface area solar coil [m²]	0.38	0.75
Power output (DIN 4708) [kW]	47 / 55	52 / 62

Technical specifications	WPS-E Solar	
	300	500
Power output solar coil (DIN 4708) [kW]	9.8	10.5
Service water flow (10 - 45 °C) [l/h]	1164 / 1368	1284 / 1530
Service water flow - solar coil only (10 - 45 °C) [l/h]	246	258
Heating water throughput [m³/h]	2 / 3	2 / 3
Heating water throughput solar coil [m³/h]	0.24	0.24
Pressure loss [mbar]	142 / 294	165 / 342
Pressure loss solar coil [mbar]	2	2

Advantages

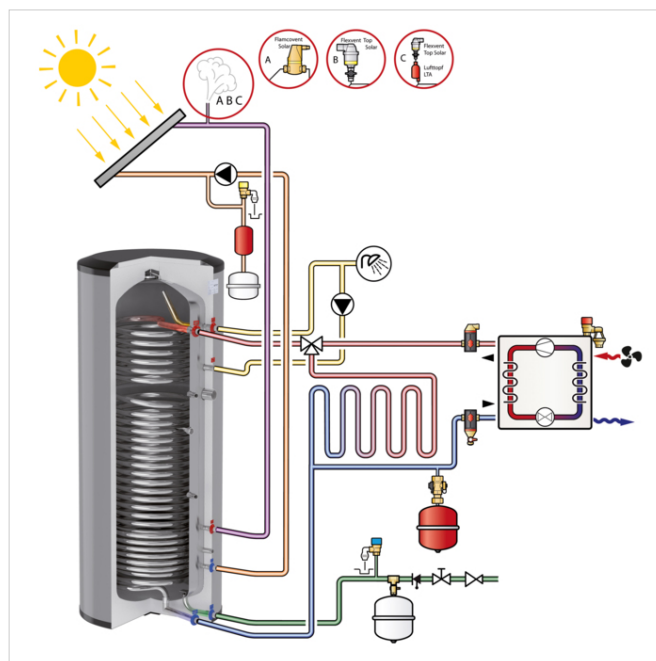
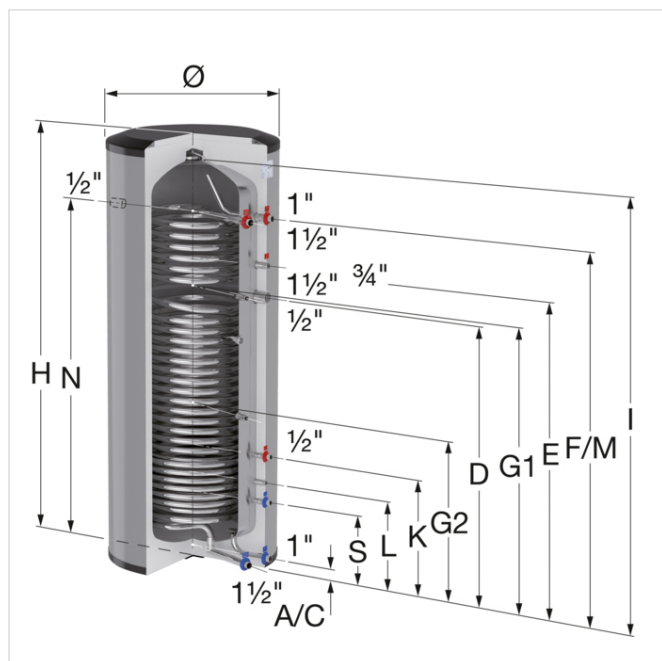
- Efficient: Minimum heat loss and very fast heating up.
- Requires little maintenance and no anode.
- Light weight.
- Excellent stratification of the water in the vessel.
- High resistance to chloride (up to 250 ppm).

Technical information

- Maximum working pressure: 10 bar (potable water vessel) / 40 bar (heating coil).
- Maximum working temperature: 95 °C (potable water vessel) / 110 °C (heating coil).
- Stainless steel type: 1.4521.
- Including an 1 1/2" connection suitable for connecting an additional electric heating element.
- Insulation:

Standard colour: silver.

Including graphite polystyrene (GPS) insulation (direct foam injection) with a polypropylene outer shell (fire category B2).



Find more information online:

[Manuals](#)

[Certificates](#)

[CAD drawings](#)

[Extra documentation](#)

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