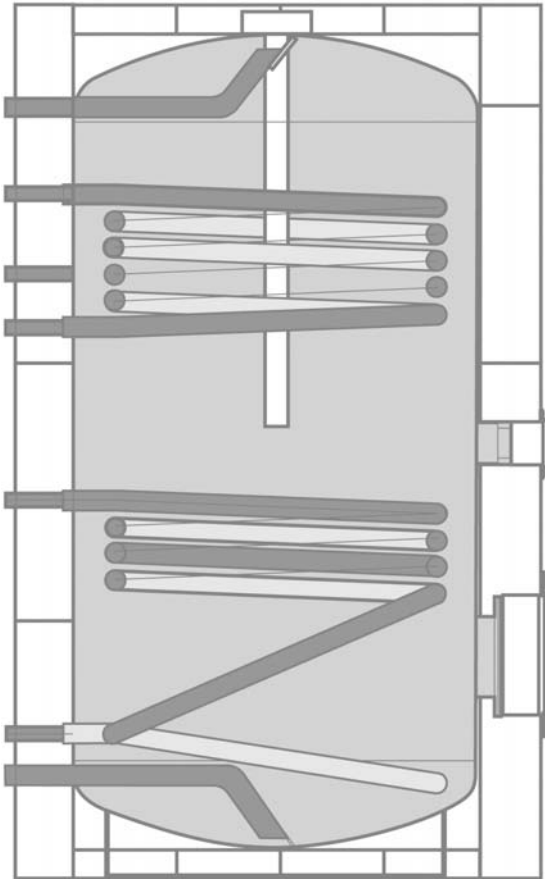


Solar Tank S

Solar tanks for domestic water heating
(300-1,000 lt capacity)



- Suitable for solar domestic water heating
- Tank made of S 235 JR steel
- Internal wall has enameled coating (DIN 4753 T3)
- Tank fitted with a magnesium anode which enables for protection against corrosion (DIN 4753 T6)
- Detachable insulation made from CFC-free high-grade polyurethane soft foam with a Heat transfer coefficient = 0.040 W/mK

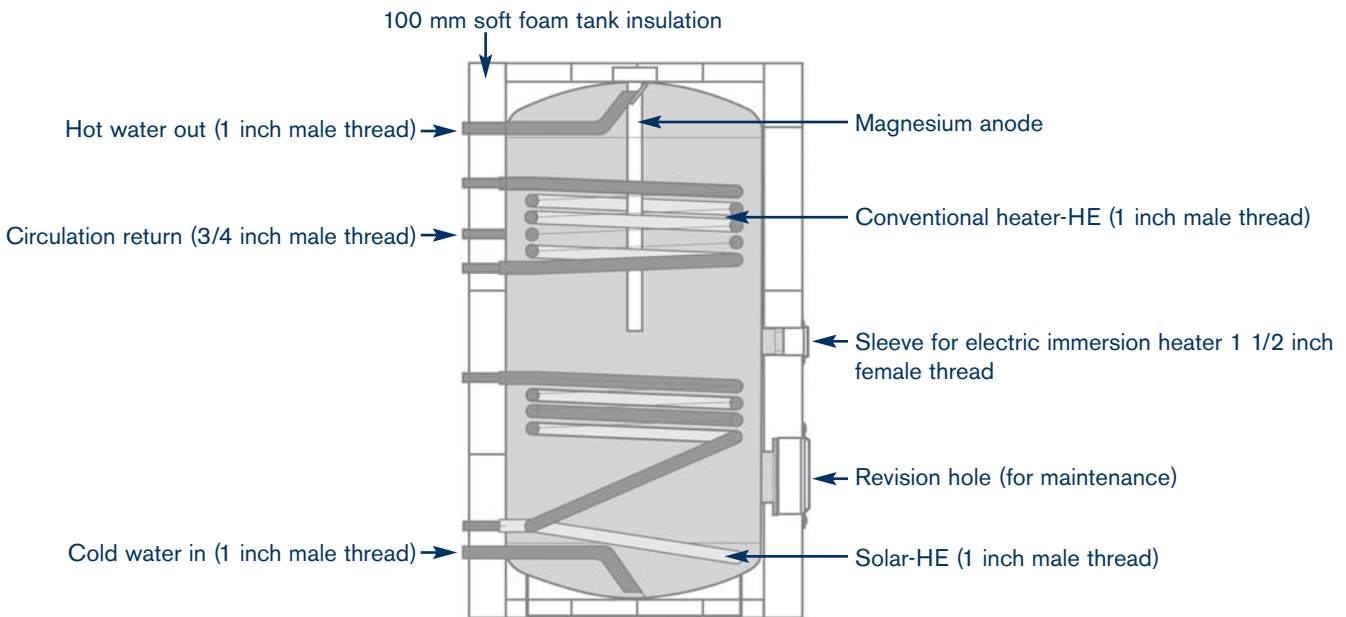
Technical data

Volume	300 to 1,000 litres
Heat exchanger type S	2 x tube heat exchangers
Permissible working pressure	10 bars
Maximum working temperature	95 °C
Guarantee	See general terms and conditions of sales of PHÖNIX SonnenWärme AG

Technical data Solar domestic water tank type S

Type	S-300/1	S-300/2	S-400	S-500	S-750	S-1000
Nominal volume	300 litres	300 litres	400 litres	500 litres	750 litres	1,000 litres
Real volume	295 litres	308 litres	395 litres	495 litres	750 litres	1,038 litres
Maximum back-up volume	112 litres	120 litres	145 litres	204 litres	327 litres	444 litres
Height incl. Insulation	1.36 m	1.65 m	1.75 m	1.84 m	2.08 m	2.01 m
Height excl. Insulation	1.26 m	1.55 m	1.65 m	1.74 m	1.98 m	1.91 m
Diameter incl. Insulation	0.80 m	0.75 m	0.80 m	0.85 m	0.95 m	1.10 m
Diameter excl. Insulation	0.60 m	0.55 m	0.60 m	0.65 m	0.75 m	0.90 m
Tip measure	1.32 m	1.62 m	1.69 m	1.80 m	2.05 m	2.02 m
N_L number (60°C)*	2.0	2.0	2.2	2.8	13.0	13.0
Solar heat exchanger	1.3 m ²	1.4 m ²	1.7 m ²	2.1 m ²	2.7 m ²	2.9 m ²
Heater heat exchanger	1.0 m ²	1.0 m ²	1.2 m ²	1.5 m ²	1.9 m ²	1.9 m ²
Weight incl. Insulation	160 kg	160 kg	186 kg	237 kg	380 kg	440 kg

* Explanation: N_L number (60°C) = 1 stands for a standard flat with 3.5 persons, 1 bath tub with 150 l, 2 other sinks, daily hot water demand of 5.82 kWh



Connection sizes only valid for tanks from 300 to 500 litres.



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