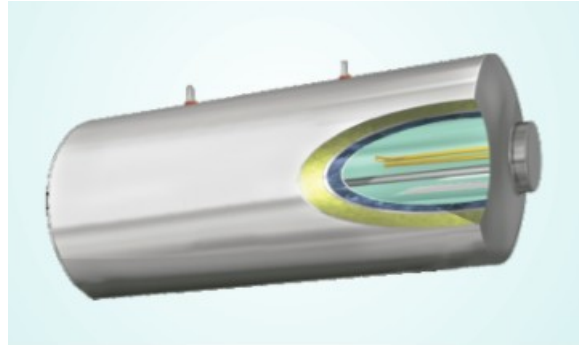


TECHNICAL DESCRIPTION OF SOLAR WATER HEATER'S HORIZONTAL TANKS

Material	<i>low carbon steel, 3mm thick, protected with double enameling according DIN 4753, baked at 860 C</i>
Heat exchanger	<i>mantel (jacket) type, from the above material and thickness of 1,5mm</i>
Closed loop inlet / outlet	<i>brass pipes M ¾"</i>
Sanitary water inlet / outlet	<i>brass pipes M ½"</i>
Safety valve inlets	<i>brass pipes M ½"</i>
Insulation	<i>CFC free expanded P.U. with density 52 kgr/m², 50mm thick</i>
Thermal conductivity of the insulation	<i>$\lambda = 0,0180 \text{ W/mK}$</i>
Outer cover	<i>Electrostatical, oven painted aluminum (Seaside Class)</i>
Cathodic protection	<i>magnesium rod Ø22mm και L=500mm</i>
Inspection / electrical element flange	<i>Ø 140mm</i>
Electrical element	<i>1,5 to 4 kW with safety thermostat</i>
Heat exchanger PLUS (coil)	<i>for connection with the heating circuit or with heat pump, for taking advantage of their operation</i>

TECHNICAL CHARACTERISTICS



CE

TECHNICAL CHARACTERISTICS

HORIZONTAL SOLAR WATER HEATER

TYPE		120	150	170	200	300
Diameter	mm	500	500	580	580	580
Length	mm	1120	1300	1200	1320	1820
Weight	Kg	53	64	64	70	110
Volume Jacket	L	8,25	11,20	11,20	12,10	23
Volume Tank	L	115	140	160	189	295
Total Volume	L	123,25	151,20	171,20	201.10	318