



SOLAR WATER HEATING SYSTEM

**10
YEAR
WARRANTY**
for the
**SOLAR
COLLECTOR**

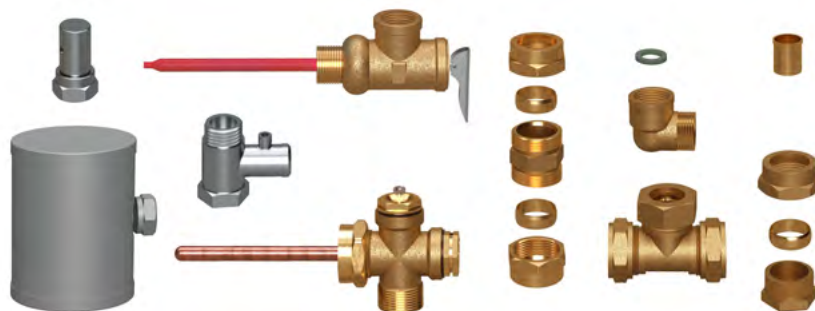
**5
YEAR
WARRANTY**
for the
**SOLAR
TANK**

Product Benefits

- High efficiency resulting in high energy saving
- Eco friendly (zero emissions)
- Long service life and minimum maintenance requirements
- Easy transport and quick installation
- Mounting structure and accessory kits are included
- Original equipment manufacturer (OEM)
- Typhoon Set (Installation system for wind loads up to 200Km/h)
- High-performance collector for all system sizes
- Mounting set available for all types of roofs



SOLAR WATER HEATING SYSTEM



Technical data

Tank	120L	150L	170L	200L	250L	300L
Actual Capacity [ltr]	110	136	154	190	230	276
Tank Length [mm]	1075	1275	1275	1275	1615	1775
Tank (Inner) Diameter [mm]	Ø400	Ø400	Ø440	Ø480	Ø480	Ø480
Tank (Outer) Diameter [mm]	Ø500	Ø500	Ø540	Ø580	Ø580	Ø580
Jacket Type Exchanger Surface [m ²]	0,625	0,625	0,74	0,78	1,19	1,52
Jacket Type Exchanger Capacity [ltr]	6,6	6,6	7,5	7,8	9,9	15,5
Inspection Flange Diameter [mm]	Ø140	Ø140	Ø140	Ø140	Ø140	Ø140
Inner tank material	DCP steel sheet. Thickness 2,5 mm for tank body (EN 10130/2006)					
	DCP steel sheet. Thickness 1,5 mm for jacket type heat exchanger (EN 10130/2006)					
Anticorrosion protection	Internal glass enamel layer (DIN 4753-3) processed at 870o C.					
	Certified material for use with potable water (DIN 51032 & EN 1388-2)					
	Magnesium anode rod protection DIN124382.2					
Welding Type	Metal Inert Gas MIG welding					
Insulation	Hard Polyurethane Foam density 45kg/m3 (DIN 53420), self extinguishing (DIN 4102)					
Back-up heating element	Electric from 1,5 up to 4 kW (according to order)					
External Cover material	Pre-painted galvanised steel sheet 0,5mm (EN 10204)					
Working pressure max	10 bar (tank) tested at 16 bar (EN-12976-2/2006)					
	3 bar (exchanger) tested at 6 bar (EN 12976-2/2006)					
Working temperature max	95 °C					

Solar Collector

Collector type	Type 15	Type 17	Type 19	Type 20	Type 23	Type 25	Type 27	Type 29
Overall area [m ²]	1.51	1.68	1.96	2.02	2.24	2.52	2.67	2.92
Absorber area [m ²]	1.35	1.51	1.79	1.83	2.03	2.33	2.43	2.71
L x W x H [mm]	1503x1007x103	1420x1183x103	1503x1305x103	2006x1007x103	1893x1183x103	2006x1257x103	2261x1183x103	2006x1457x103
Absorption [%]	95							
Emission [%]	5							



11.000m² production facilities

500.000m² annual capacity

42 years of experience

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