

SOLAR WATER HEATER FPC

FLAT PLATE COLLECTOR (FPC)

SOLAR WATER HEATER - 100 / 200 / 300 / 500 / 1000 / 1500 / 2000 / 3000 LPD



It may not be something that's overly common for Indian households but the Solar Domestic Water Heater is slowly but surely becoming a popular option for the community. Since they rely on the power of the sun, solar domestic geysers are required to be kept outdoors in open spaces like terraces with ample space and naturally, no shade. Flat Plate Collector type solar water heater is more Durable than the normal ETC type solar water heaters. The FPC type solar water heater is suitable for pressurized applications.

SOLAR WATER HEATER FPC

STORAGE TANK SPECIFICATIONS

www.marssolaraqua360.com

- | | |
|----------------------------|------------------------------|
| • Material of storage tank | Glass enamel coated |
| • Outer cladding | Pre-coated steel (RAL 7035) |
| • Working pressure | 6 bar for pressurised system |
| • Tank capacity | 100, 200, 300 and 500 LPD |

COLLECTOR SPECIFICATIONS

- | | |
|-----------------------------|--|
| • Absorber coating | Absorptivity: 0.95 +/-0.02, Emissivity: 0.5+/-0.02 |
| • Back insulation | Rockwool density: 48 kg/m3 |
| • Absorber construction | Single sheet absorber |
| • Riser | Copper: 12.7 mm |
| • Header | Copper: 25.4 mm |
| • Collector material | Extruded aluminium with grey colour |
| • Glazing | Solar glass |
| • Weight of collector (dry) | 32 kg |
| • Maximum working pressure | 10 bar |

SALIENT FEATURES

- Screw design of collector for easy glass replacement
- New anode mounting
- Collector fully sealed with gaskets
- Inner Tank Coated with "GLASS ENAMEL COATING" for corrosion resistance
- High-quality PUF insulation on tank
- System withstands upto 6 bar pressure
- Pressurised for all modern bathing systems
- Great heating performance
- Highest quality design
- Hygienic and safe
- Long lasting
- Inbuilt backup heater 2Kw element

APPLICATIONS



MARS SOLAR AQUA 360 PVT LTD

68 - 70, KCR Business Today, F3-01, 3rd Floor, 7th Street,
Tatabad, Coimbatore, Tamilnadu - 641 012, Tel: 0422 2495360,
Mobile: 94870 36000, 94860 36000, 94890 36000
E-Mail : info@marssolaraqua360.com

RO PLANT | SOLAR WATER HEATERS | STP | ETP | WTP | SOLAR ON GRID | SOLAR OFF GRID
SOLAR PUPMING | PUPMS | HYDRO PNEUMATIC SYSTEM | UPS | STABILIZER | HARMONIC FILTER