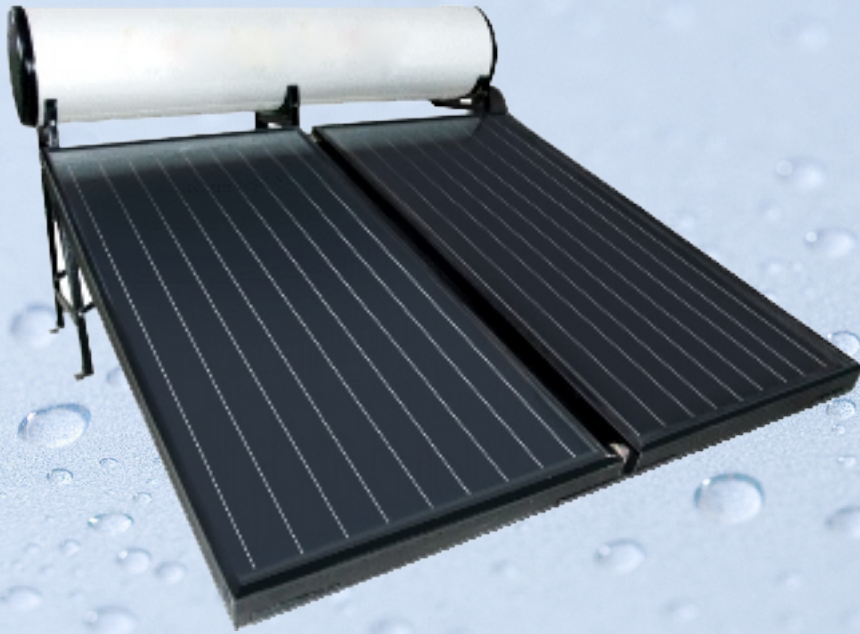


UNISER

Solar Water Heaters - FPC Type



Uniser Solar Water Heater Solutions for a sustainable future

This is a 'Thermosiphon' type integrated design non pressurized solar water heater* intended for Soft water purpose. the system is designed for flat terrace. Gravity feed bathing hot water application. The solar water heater can provide hot water** up to a maximum temperature of 60°C under ideal conditions.

Features

- Super sleek Design with UV resistant Exterior finish
- HCFC free polyurethane Insulation.
- Easy Self support stands for user friendly installation.
- Suitable for Flat Roof, Sloped Roof & Tiled Roof Installation.



Affordable
Price



Long Life
Product



Safe
& Healthy



Minimum
Maintenance



MNRE
Approved

TECHNICAL SPECIFICATION

General	100 LPD	200 LPD	300 LPD
Operating Pressure	: Non pressurized suitable for Atmospheric pressure only		
Application area	: For soft water only		
Flat Plate Collector			
Collector Qty.	: 1	: 2	: 3
Size	: 2000 x 1000 mm		
Absorber	: Copper		
Header	: Copper		
Riser	: Copper		
Welding	: Ultrasonic welding		
Coating of Heat Absorption	: NALSUN Black chrome selective coating		
Frame	: Extruded patented Aluminium profile		
Glazing	: Textured, high transmissive toughened glass		
Insulation	: Resin Bonded Glass wool		
Sealing	: EPDM		
Backsheet	: Stucco- Aluminium		
Operating Pressure	: Atmospheric		
Maximum Test Pressure	: 5 Kg/cm ² for 15 minutes one time		
Tank			
Material	: Ceramic pigmented surface protected steel		
Tank Insulation	: HCFC Free polyurethane foam		
Outer Cladding	: Pre coated steel with polymer ends		
Corrosion Protection	: Sacrificial Anode ^{***}		
End connection	: 3/4" BSP threaded pipe		
Accessories			
Electrical Backup Heater	: 2KW 230V 1Φ		
Support Structure	: IS Angle with pre painting		



18 years in customer service



60 millions liters of Hot water delivered



Nationwide Network

■ We reserve the right to amend the above specifications without prior notice due to constant product upgradation/ modification. Refer to product data sheets for detailed specification.

* Working under atmospheric pressure. not for pressurizing and freezing environments.

** On a clear sunny day with radiation more than 5 Kwhr/mtr²/day when installed in a warm region.

*** Self sacrificing anode requires replacement depending on the erosion. it is recommended to check the anode once in 3 months. Replace anode if erosion in more than 75% of its original size.

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