



# SUNLIT

## DOMESTIC SOLAR WATER HEATER

### Solar Water Heaters Flat Plate Collector

Solar hot water system is based on the principle of black body absorption. The black surface of the collector absorbs the heat energy from the sun rays and transfer it to the water passing through the copper tubes. Hot water being lighter in density, raised to the insulated storage tank and equal amount of cold water replaces this hot water from the copper tubes.



100 lpd



300 lpd

### Technical Data

Absorber	Copper / Aluminum with Black Chrome
Fin Welding	Ultra Sonic
Collector Frames	Aluminum Powder Coated
Top Cover / Glazing	Toughened Glass 4 mm thickness
Collector Area	2.0 Sq.M
Inner Tank	Stainless Steel 304 – L / GI
Inner Tank Welding	Seam Welding / Mig Welding
Turbulence Preventer	Provided
Deep Drawn Dishes	Provided
Outer Tank	Stainless Steel
Tank Side Dish	GI Powder Coated
Heat Retention	72 hours
Insulation	PUF
Supporting Stand	GI PU Coated
Pressure Release Valve	Provided (for Pressuria model only)

### AVAILABLE MODELS

Model	100 LPD	200 LPD	250 LPD	300 LPD	500 LPD
No. of Collector	1 No	2 Nos	2 Nos	3 Nos	4 Nos
Heater Coil	Optional				
Utility Points	1-2	4	5	6	8
No. of Persons	3-4	6-8	8-10	10-12	12-15
Temperature	50-60 Deg. C				

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