



COME TO THE SUNNY SIDE
**THE START OF A
GREAT LOVE**

With cost and energy savings like never before, Solhot thermosiphon solar water heating systems address heating requirements for varying family sizes, climatic conditions & building types. Besides, through a strong dealer network across country & well trained installation team, the systems are easily accessible to end users, thus bringing solar energy to every home.

The Evacuated Tubes

The solar collector comprises evacuated tubes that are optimised in geometry and performance. These tubes are constructed from two concentric glass tubes, half spherically closed on one side & fused together on the other side; the gap between them is evacuated & afterwards hermetically plugged (vacuum insulation).

The internal glass tube has a highly selective & eco friendly aluminium nitrite sputter layer on its external surface, that acts as an absorber, to effectively capture solar power.



Metal Insulation Layer (Copper)

Reduce heat loss and low emission rate

Absorption Layer (Stainless Steel & Al-N-Al Enameled Mirror)

Anti-corrosion & Anti-oxidation

Anti-reflection Layer (Al-N-Al)

Ensure high absorption rate &
low emission rate by reducing reflection

Available Capacity

100LPD | 150LPD | 200LPD | 250LPD | 300LPD | 500LPD

The Flat Plate Collectors

Solhot flat plate collectors are made from the highest quality components, integrated together to create a highly efficient, reliable product that is aesthetically pleasing as well.

Our fins, risers and headers are made from entirely from Copper; Copper has superior heat conducting properties compared to other metals, making it the perfect material for designing the fins, risers and headers that are meant for capturing the Sun's heat and transferring the same to the water.

Our flat plate collector glass comes with low iron content for maximum transmissivity (the ability to transmit the sun's rays) and is textured and toughened for high durability. The glass is 3.2 mm thick, and sealed with EPDM headings for maximum heat retention.

The fins, risers, headers and the glass are housed within a marine grade, extruded aluminum box of 1.6 mm thickness. The aluminum surface is anodized for better resistance to corrosion.



Available Capacity

200LPD | 300LPD | 500LPD | 1000LPD



Compact & sleek design



Wide range of products



Higher efficiency collector



Assured after sales services

Sizing and Area Requirements

NO. OF PERSONS	CAPACITY (LPD)*	AREA REQUIRED (SQ FT.)**
2 - 3	100	20
3 - 4	150	27
4 - 5	200	40
5 - 6	250	43
6 - 7	300	62

* Assuming the system caters to one bathroom, sizing change if hot water connection is for more bathrooms.

** Approx. footprint of solar water heating system only; does not cover piping and other accessories.



Dealers Name

Tamilnadu - Kerala - Karnataka

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