



**SOLAR HITECH**

## Solar Thermal Solutions

*Solar water heating from the first company to introduce ETC technology in India*

### Why Invest in Solar Thermal Solutions



#### High Quality Solutions

High Quality tanks with no compromise on performance



#### Multiple Capacities

Domestic Capacities of 100 - 500 LPD, Commercial capacities from 1000 -5000 LPD available



#### Reliable and Cost Effective

Saves upto 80% on electricity bills and delivers hot water during power cuts



#### Certified Solutions

**MNRE, ISO 9001:2008 and BIS:ISI**

### ABOUT

Solar Hitech Solutions brings you the next generation of reliable, cost-effective and efficient solar water heating solutions.

Established in 1999, we introduced the first Evacuated Tube Collector(ETC) solar water heaters in India and have now diversified into Flat Plate Collector technology as well. We offer a wide range of solutions for Domestic, Commercial and Industrial clients.

### HIGHLIGHTS

- India's first 1 Lakh LPD ETC Installation
- 15,000+ Installations across the country
- 100+ Commercial clients such as **Indian Railways, Bren, Purvankara, TVS Motors, Jaslok Hospital**
- Best Performer Award by MNRE
- 12,500 sq ft manufacturing facility
- Qualified company management team from IIT, IIM and ISB



**SOLAR HITECH**

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## System Specifications



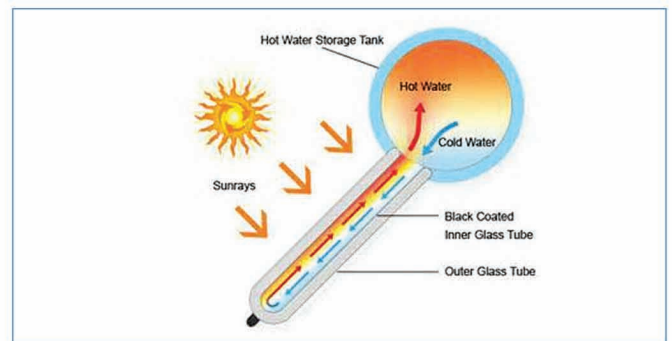
- Inner Tanks available in SS304, SS316, Galvanized Iron(GI) or Mild Steel(MS) grades
- Inner tank thickness can be customized as per requirements
- CO<sub>2</sub> welded inner tanks with cold galvanizing and salt water protection
- Special grade directly molded 50 mm PUF insulation
- MS Powder coated support structures
- Pressurized systems with heat exchangers and large systems from 1000-5000 LPD available

System Capacity	ETC Size of Tubes	No. of Tubes	No. of FPC Collectors	Outer Coated Available	Outer SS Available	ETC Pressurized System Available	FPC Pressurized System Available
100LPD	58x1800mm	10	1	✓	✓	✓	✓
125LPD	58x1800mm	13	2	✓	✓	✓	✓
150LPD	58x1800mm	15	2	✓	✓	✓	✓
200LPD	58x1800mm	20	2	✓	✓	✓	✓
250LPD	58x1800mm	24	2	✓	✓	✓	✓
300LPD	58x1800mm	28	3	✓	✓	✓	✓
400LPD	58x1800mm	35	4	✓	✓	✓	✓
500LPD	58x1800mm	44	4	✓	✓	✓	✓

## ETC/FPC Collector Specifications

### Evacuated Tube Features

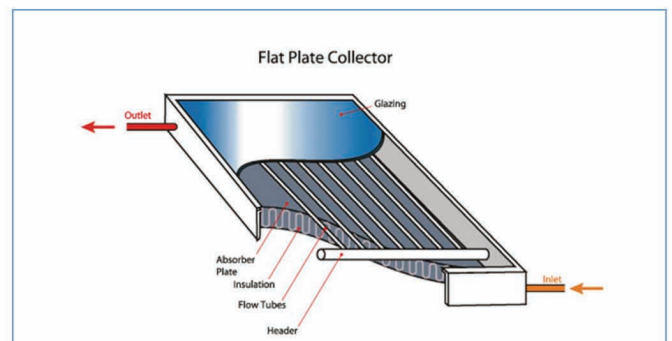
- ISO 3585 3 layered borosilicate glass tubes
- 58 mm x 1800 mm with selective coating
- High efficiency in cold weather conditions



ETC Collector

### Flat Plate Collector Features

- Absorbers made of electro grade copper
- Selective black chrome coating
- 4 mm thick toughened glass glazing



FPC Collector