

# Jain 'SunPlast' FP Solar Water Heater

New



**High Performance  
Polymer Storage Tank**



Our joint venture with Nature

**7.5 years  
Warranty\***

## Jain Solar Water Heater

Gives you hot water when you want it. It has no recurring cost like electricity, years of trouble free use and the assurance of a great service backup from the Jain Irrigation. In other words, total peace of mind!

What's more, you will be helping the environment.

Our natural resources are finite and that's why the use of non-conventional methods of heating water has begun. These methods are inexpensive, safe, reliable and easy to maintain. More importantly, they are eco-friendly and provide trouble free service for years together.

## What is Jain Solar?

It is an equipment to heat water using solar energy. It does not produce electricity but carries heat energy. Jain Solar is manufactured according to Indian standards to satisfy your hot water needs. It is ideal for domestic, commercial or industrial use. It comes to you from a ₹ 6000 crore turnover group committed to efficiency, quality & prompt after sales service.

## Why Jain Solar?

### Benefits

Negligible maintenance, daily water heating expenses almost nil, conserves precious natural resources, exemption from octroi & excise duty, 80% depreciation for commercial use.

### Features

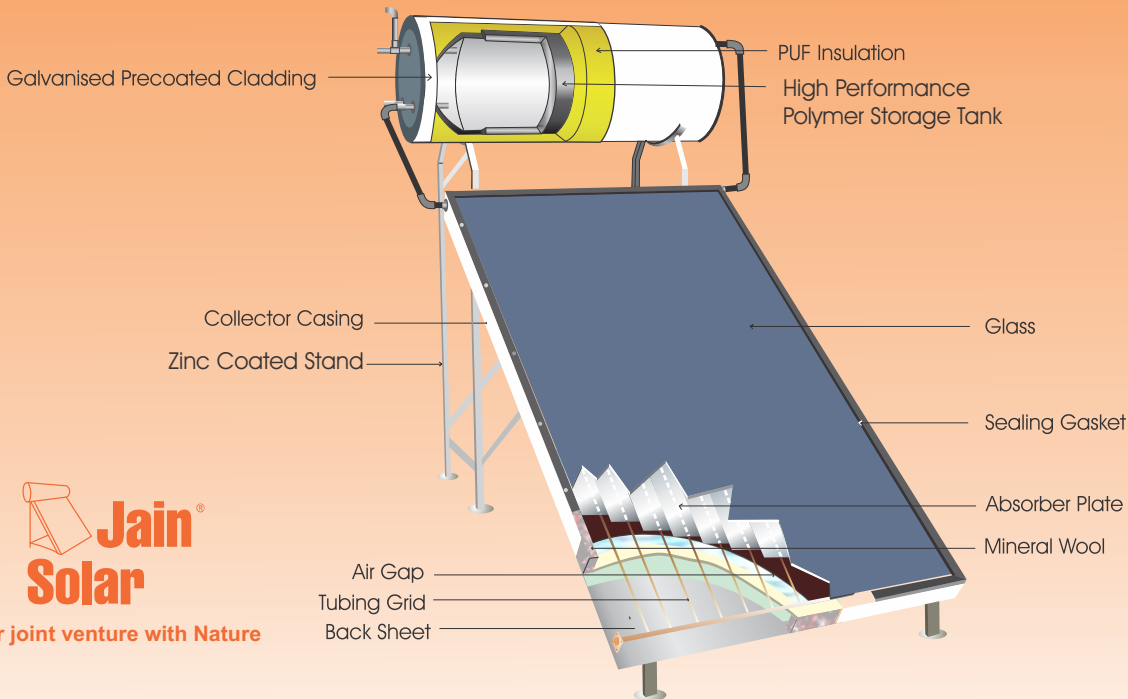
Saves energy & environment, easy to install & maintain, no fear of shock / accidents, long life, mature technology.

### Uses

Bungalows, Apartments, Guest Houses, Lodges, Hotels, Hospitals, Heath Clubs, Dairies, Process Industries and wherever & whenever you need hot water.

### Models

The standard capacities available are 125, 200, 250, 300 LPD. At present, Jain 'SunPlast' is available for non-pressurised application only.



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### Jain Solar Flat Plate Collector (FPC)

This is heart of the solar system. It consists of copper grid with selectively black chrome coated copper fins or aluminum full sheet absorber laser welded to the copper risers. Toughened and textured solar glass, mineral wool insulation, steel sheet for back support & extruded and plastic coated aluminum casing with weather proof joints. These are manufactured with latest BIS standards using state-of-the-art technology to achieve highest efficiency. These solar collectors are ISI marked.

### Jain Insulated Hot Water Tank

Hot Water Tank is made of virgin high performance polymer with outer cladding of painted & oven baked galvanized sheet, insulated with 50 mm thick PUF insulation. This ensures least overnight temperature drop.

The PUF insulation has good thermal insulating properties, low moisture vapour permeability, high resistance to water absorption, relatively high mechanical strength, and low density. Moreover, it is relatively easy and economical to install. It can be poured in place and solidifies in the required size and shape.

- High performance polymer hot water tank.
- The product has been subjected to vigorous, stringent testing and validated for suitability.
- It is light weight and hence easier for handling, transportation and installation.
- Does not corrode or rust.
- No leaching of material and hence it is safe & hygienic.

### Jain Mounting Racks

Generally, mounting racks are designed for flat roofs. Specially designed racks are supplied for sloping roofs or parapet installations. This rack is assembled at site using L-shaped pre-fabricated steel sections, zinc coated for long life.

### Warranty

The Jain 'SunPlast' Solar Water Heating Systems are backed up by a warranty of 7.5 years against manufacturing defects subject to the conditions stipulated therein. For details contact company.

### Extended Warranty for Tank

Tank has extended warranty of total 15 years. For details contact company.

### Frequently Asked Questions (FAQ's)

#### How does the water get heated?

It is a natural process by which, hot water produced in the collector, moves into the tank and is replaced by cold water from the tank. This cycle repeats till all the water is heated so long as solar radiation is available.

#### What is the maximum temperature achieved?

Domestic systems are designed for 60°C, However, it depends on solar radiation available during the day.

#### What about cloudy/rainy season?

Jain SWHS will provide hot water for about 300-325 days in a year. For cloudy/rainy days, an optional electric heater can be fitted to boost the water temperature to desired level.

#### How do we select the capacity?

For Indian conditions, 25 to 30 liters per person per day is the average hot water use. Accordingly, 125 LPD system is suitable for a family of 3-4 members.

#### Any maintenance required?

Use soft water (Hardness < 200 ppm) & keep the glass always clean. Check for leakages & valve functioning periodically.

#### Assurance from the Company

Each Jain Solar product carries a unique & solid assurance from the Company. It comes from ₹6000 crore turnover Company committed to water conservation & environment protection. With over 1500 crores of exports in extruded/ moulded plastic & micro irrigation systems, galaxy of awards & recognition from TUV NORD, ISO 9001, ISO 14001, BS OHSAS 18001 and ISO 50001 for all its divisions.

**As a proud owner of Jain Solar Water Heater, welcome to the family of happy satisfied customers!**



\* Condition Apply



Jain Green Energy Park,  
P.O.Box 20, Jalgaon - 425001.  
Tel: 0257-2260033/44, Fax: 0257-2261144/55,  
E-mail: solar@jains.com, www.jains.com