

# **JAY RENEWABLE ENERGY PRIVATE LIMITED**

D-64, MIDC

MIRAJ 416410

DIST : SANGLI (MAHARASHTRA)

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**JAY RENEWABLE ENERGY PRIVATE  
LIMITED**

**Established in 1985 as  
Jay Industries**

**Started manufacturing Solar  
Equipment in 1994**

**Converted into  
Private Limited company  
in 2012.**



## Our Vision

We strive to be a company with a portfolio of all Solar Thermal products, being represented in each state of the country & playing a major role in promoting Renewable Energy and Environment Friendliness.





## Our Mission

We manufacture efficient, durable and cost effective Solar Water Heating Systems for individuals, real estate firms and government departments by using automation, lean manufacturing, statutory and industry standards and use of our 25 years experience.





## ☀ Core Purpose

We help our customers overcome power shortage and reduce the expenditure for conventional energy



## ☀ Core Values

- ☀ Speed
- ☀ Transparency
- ☀ Customer Focus



## **JAY RENEWABLE ENERGY PRIVATE LIMITED**

### **Key milestones**

<b>E.M. no.</b>	<b>25 January 2010</b>
<b>VAT TIN/ CST no. registration</b>	<b>01 April 2006</b>
<b>Installation of 1<sup>st</sup> SWHS</b>	<b>April 1994</b>
<b>BIS license under IS 12933</b>	<b>31 August 1998</b>
<b>IEC certificate</b>	<b>09 November 2001</b>





## **JAY RENEWABLE ENERGY PRIVATE LIMITED**

<b>MNRE approval for ETC Systems</b>	<b>2007</b>
<b>ISO 9001:2008 certification</b>	<b>11 August 2009</b>
<b>NSIC CRISIL Rating – 3A</b>	<b>10 August 2011</b>
<b>DGS&amp;D 1<sup>st</sup> registration</b>	<b>28 July 2006</b>
<b>ISO 9001:2015 certification</b>	<b>26 Feb. 2017</b>
<b>DGS&amp;D Rate Contract</b>	<b>2008</b>
<b>MNRE Channel Partner</b>	<b>2010</b>





## ☀ Our Competencies

- ☀ Flexibility
- ☀ Designing
- ☀ Stock of Raw Material
- ☀ Bulk purchase
- ☀ Economy of scale
- ☀ Production speed
- ☀ Lean processes



## JAY RENEWABLE ENERGY PRIVATE LIMITED

### Board of Directors

- |                      |   |
|----------------------|---|
| 1. Vijay Savadi      | Age 59 years  |
| Education            | DME   |
| Experience           | 3 years in Bajaj Auto Ltd<br>35 years as entrepreneur |
| 2. Dhanashree Savadi | Age 55 years  |
| Education            | B. Sc.  |
| Experience           | 7 years as entrepreneur                               |



## **JAY RENEWABLE ENERGY PRIVATE LIMITED**

### **Customer profile**

#### **a. Private**

Salaried persons

Professionals including Doctors, Lawyers, Chartered Accountants

Entrepreneurs, traders and businessmen

Housing Societies

#### **b. Institutions**

Educational institutes

Hospitals

NGOs and Charitable Trusts

Hotels and hostels

Lodges

#### **c. Corporates**

Constructions houses

Industries using hot water

Dairies



## **JAY RENEWABLE ENERGY PRIVATE LIMITED**

### **d. Government**

South Western Railway

Tarapur Atomic Power Station

PWD, Maharashtra

Health Department, Maharashtra

National Highway Authority, Karnataka  
police Housing society.

### **e. Exports**

Uganda, Kenya, Nigeria and Tanzania





**JAY RENEWABLE ENERGY PRIVATE LIMITED**

## **OUR PRDOUCTS**

1. SOLAR FLAT PLATE COLLECTORS
2. FPC TYPE SOLAR WATER HEATERS
3. ETC TYPE SOLAR WATER HEATERS
4. SOLAR LIGHTING



**JAY RENEWABLE ENERGY PRIVATE LIMITED**



## **SOLAR FLAT PLATE COLLECTORS**



**ALUMINIUM BOX**



**INSULATION**



**COPPER COPPER ABSORBER**



**TOUGHENED GLASS**

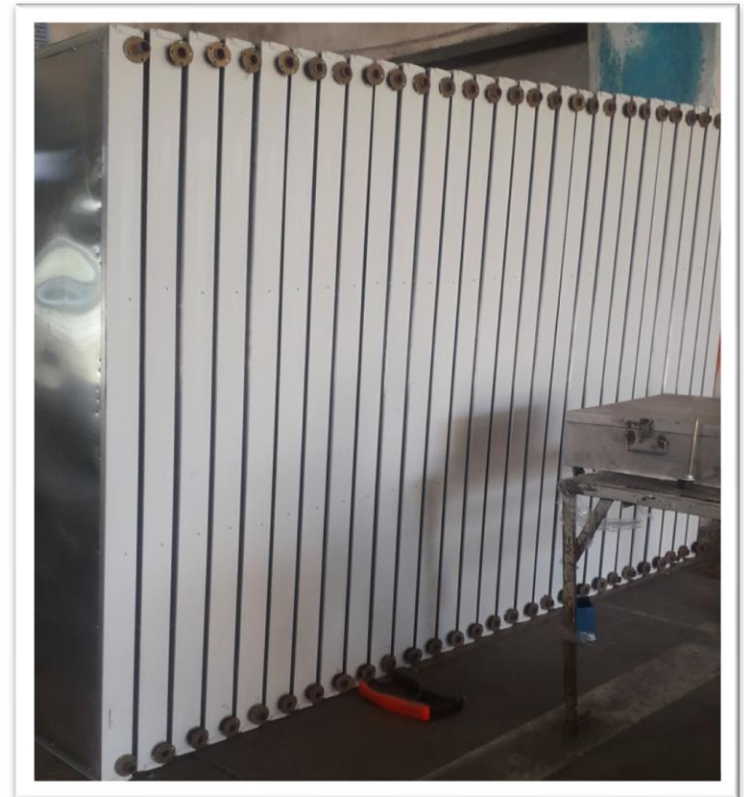


**FLANGES**



**JAY RENEWABLE ENERGY PRIVATE LIMITED**

**FPC TYPE SOLAR WATER HEATERS**





**JAY RENEWABLE ENERGY PRIVATE LIMITED**

## **FPC SOLAR WATER HEATER PARTS**



- ☀ **SOLAR FLAT PLATE COLLECTORS**
- ☀ **HOT WATER STORAGE TANK**
- ☀ **PIPING BETWEEN TANK AND COLLECTORS**
- ☀ **PUMP AND CONTROL PANEL (OPTIONAL)**





## JAY RENEWABLE ENERGY PRIVATE LIMITED

### FPC TYPE SOLAR WATER HEATER

- ✪ Incorporate BIS Approved Collectors
- ✪ NALSUN Solar Selectively Coated Absorber Fins
- ✪ Ultrasonically Welded Fins
- ✪ High absorbance and low Emittance
- ✪ Substantial savings in power cost.
- ✪ Forced flow models for industrial applications.
- ✪ Closed loop systems for hard water.
- ✪ Economically priced, Compact & Attractive





**JAY RENEWABLE ENERGY PRIVATE LIMITED**

**FPC TYPE SOLAR WATER HEATERS**





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**FPC TYPE SOLAR WATER HEATERS**







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## **FPC TYPE SOLAR WATER HEATERS**







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**FPC TYPE SOLAR WATER HEATERS**





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**FPC TYPE SOLAR WATER HEATERS**





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## **FPC TYPE SOLAR WATER HEATERS**







## JAY RENEWABLE ENERGY PRIVATE LIMITED

### ETC TYPE SOLAR WATER HEATERS

#### TYPES



**STAND ALONE TYPE**



**MANIFOLD TYPE**







## JAY RENEWABLE ENERGY PRIVATE LIMITED

### ETC TYPE SOLAR WATER HEATERS

#### ADVANTAGES



**WITHSTAND HARD WATER**



**CHEAPER THAN FPC SYSTEMS**



**EASY TRANSPORT, INSTALLATION  
AND MAINTENANCE**





## JAYSOLAR ETC TYPE SOLAR WATER HEATERS





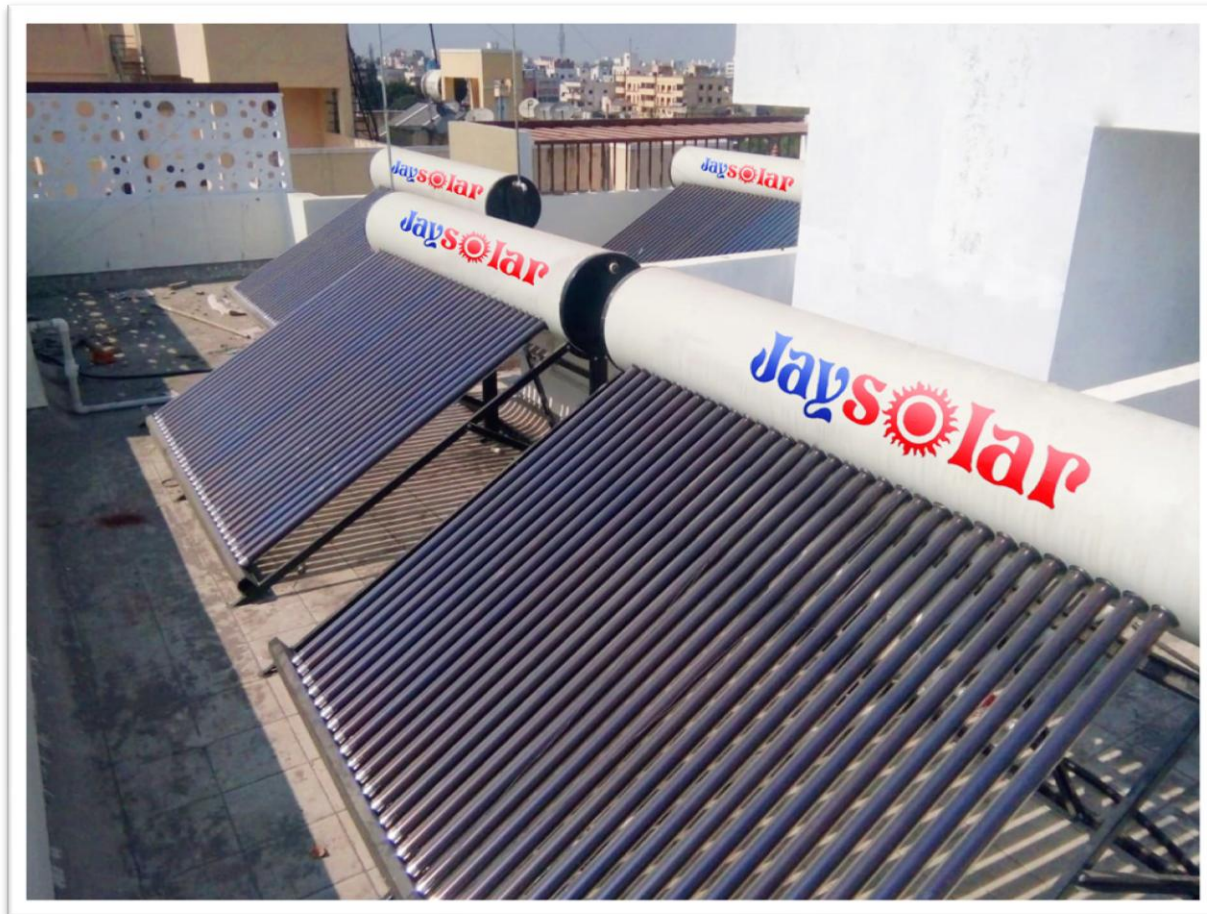


## ETC TYPE SOLAR WATER HEATER 500 LPD





## ETC TYPE SOLAR WATER HEATER 500 LPD







## ETC TYPE SOLAR WATER HEATER 500 LPD





## ETC TYPE SOLAR WATER HEATERS







## ETC TYPE SOLAR WATER HEATER 500 LPD



☀ **ETC TYPE SOLAR WATER HEATER 500 LPD  
NEW STRUCTURE**







## ETC TYPE SOLAR WATER HEATER 500 LPD NEW STRUCTURE





## SOLAR WATER HEATER TANKS







## HEAT PUMP & HEAT PUMP TANK





## Specifications for Jaysolar ETC Solar Water Heater 500 LPD

Specifications for Jaysolar ETC Solar Water Heater 500 LPD (Hot Water Tank)		
1	Tank volume	500 Ltr.
2	Number of ETC Tubes	35
3	Inner Tank Material	G. I. 120 GSM 2.0mm thick
4	Inner Tank thickness	2 mm
5	Insulation	PUF 40 mm thick
6	Insulation density	40 kg/M3
7	Cladding	G. I. Precoated sheet 0.4mm thick
8	Inner Tank dimesions	Dia. 468mm x 2920mm length
9	Outer Tank Dimensions	Dia. 550mm x 3030 mm length
10	Weight of inner Tank	72 kg
11	Weight of insulated tank	98 kg















## Mounting Structure

Mounting Structure		
1	Overall size L X B X H	2860mm x 2040mm x 960mm
2	Material	G. I. 120 GSM
3	Thickness	1.6/ 1.25mm
4	Tank resting arc material	M. S. Angle 37mm x 37mm x 3mm
5	Weight without nutbolts	28 kg
6	Tubeholder material	G. I. 120 GSM
7	Tubeholder thickness	0.6mm
8	Tubeholder weight	3.5 kg
9	Finish	Powder coated as per customer choice



## Benefits of Solar Water Heating Systems

-  Ensure 24 hour hot water supply.
-  Reduce electricity consumption. Save 40-50% of household bills.
-  Investment recovered within 3 years compared to electricity.
-  Environment friendly. Saves firewood burnt for heating water
-  Reduces carbon footprint and pollution.
-  Easier to handle and manage.
-  No moving parts, Lesser maintenance.
-  Incentive and rebate schemes by Central/ state governments.
-  Conservation of conventional energy resources for more productive use
-  Saves valuable foreign exchange needed to buy crude oil.



## Why Jaysolar ?

- ☀ An ISO 9001:2015 certified company
- ☀ Company established in 1985
- ☀ More than 25 years experience in Solar Water Heating
- ☀ Products approved by Bureau of Indian Standards and MNRE.
- ☀ Registered with NSIC
- ☀ Attractive and easy to install systems
- ☀ Available in 12 states of India
- ☀ Trained dealer network for quick installation, service and trouble shooting
- ☀ Wide customer base consisting of individuals, corporates, hospitality, education and government segments.





**JAY RENEWABLE ENERGY PRIVATE LIMITED**

**THANK YOU**

