

TM



# ISO 9001-2015 Company

**FARMSON**

**MNRE  
APPROVED**

[www.solarsystemindia.com](http://www.solarsystemindia.com)



## Company Profile

We like to introduce ourselves as FARMSON ENVIRO CARE, An ISO 9001 - 2015 certified company. We are the leading manufacturer of **MNRE Approved** Solar Hot Water System, located in Ahmadabad, Gujarat.

Company was established with intention of green technology development and has successfully completed more than 15 years with continuous double digit growth.

The manufacturing is carried out by most advance technology and machineries under the strict quality control by engineers. We have team of experience technocrats, marketing persons and Service after Sales.

World facing two problems. One is the pollution by emitting CO2 and flue gases and polluting environment and upsetting eco balance of the world. Second fossil fuels never going to last forever in the coming years to next generations. We have to save these resources of energy by applying alternate renewable energy like solar and other.

Our reputed clients are Adani Group, Reliance, Essar, DAIICIT, EDI, ONGC, M P Shah Cancer Institute, Nagori Construction, Kumar Properties, Lodha Group, Sumer Group, Goel Ganga, Patel Group & Co, Brahma Kumari Centers all over India, Dairy Industries, Bungalows, High raise Apartments and many.

We design, supply and install systems all over India. We are known for consistent quality and Service after Sales and technical support to our authorized dealers.

The day by day price of electricity, gas, diesel going up and therefore solar hot water is economical.

Solar Hot Water Systems are the best alternative of electric or gas or diesel for getting hot water of daily requirement in homes, apartments, hostels, hotels, hospitals, resorts and for industrial purpose. It is onetime investment. Payback period comparing to the above energy is 2 to 3 years.

We not only mfg. and supply Solar Hot Water Systems but also we offer solar street lights, power pack, solar water pump, solar lantern.

After so many years of hard work and efforts it has succeeded in competing the International market with a capacity of manufacturing more than 5 Million Liters Per Annum. FARMSON ENVIRO CARE is specialized in manufacturing Solar Hot Water System from 100 liters to 25,000 liters & more capacity.

## Types of Solar Hot Water System

**ETC = Evacuated Tube Collector**

**FPC= Flate Plate Collector**

- 1. GI / SS ETC ECO - Non Pressurized System**
- 2. GI /SS BIS FPC - Pressurized System and Non Pressurized System**
- 3. GI /SS ETC Manifold System (Customize)**

ETC Non- Pressurized FARMSON SOLAR HOT WATER  
SYSTEM



## Manifold System



FPC System



## **1. FARMSON ECO :**

FARMSON Eco is a mass selling product in the domestic market. It is well known for its cost efficiency & good output. FARMSON Eco consists of MS Tank / GI Tank; Three Layers Evacuated Tube Collectors (with Electric Back-up Optional). It is equally compatible at places with pressure pump as well as at places without pressure pump.

## **2. FARMSON PREMIER :**

FARMSON Premier is a highline product of Farmson family. It's made of specific high quality materials. It is the highest selling product in the International market, well known for its splendid design and durability. This system is generally used for domestic purpose in Bungalows, Farm House, Hotels etc. FARMSON Premier consists of Copper Tank, High Quality Evacuated Tube Collectors or High Quality Flat Plate Collectors with Electric back-up. It is very compatible at places with pressure pump as well as at places without pressure pumps.

### **3. FARMSON CUSTOM :**

FARMSON Custom is a customized product; it is generally used in commercial places like Institutes, Hotels, Hostels, Industries etc. This range is very popular in European, South African, Gulf & Indian Market due to its flexibility and adaptation skills towards the need of customer. In Farmson Custom we manufacture the system according to the client's requirements & technical specifications. The Inner Tank can be made from different materials like Copper, MS, Galvanized, SS, etc. Thermo Siphon Direct Heating & Indirect Heating Jacket System can also be provided.

### **Applications:**

- > Residential Bungalows
- > Residential Flats & Apartments
- > Staff Quarters
- > Hostels & Canteens
- > Hotels, Clubs & Resorts
- > Spa & Salons
- > Hospitals
- > Dairy Industries
- > Heated Swimming Pools
- > Industrial Applications
- > Pre-Heating of Boiler Feed Water
- > Chemical & Pharmaceutical Industry
- > Recirculation of Hot Water in Process
- > Textile Industry
- > Paper Industry
- > Laundry

 **Non- Pressurized Solar Hot Water System**  
Capacity wise Space and Members

**FARMSON ENVIRO CARE**

CAPACITY	GLASS TUBE SIZE	NO. OF TUBE	ABSORBER AREA	SPACE REQUIRED	NO. OF PERSON
100	58 x 1800	10	1.64	5' X 7'	2 to 3
150	58 x 1800	15	2.46	6' x 7'	3 to 4
200	58 x 1800	20	3.28	7' x 7'	4 to 5
250	58 x 1800	25	4.1	8' x 7'	5 to 6
300	58 x 1800	30	4.92	9' x 7'	6 to 7
500	58 X 2100	32	6.12	9' X 9'	10

## **Pressurized Solar Hot Water System**

### Capacity wise Space and Members

<b>FARMSON ENVIRO CARE</b>				
CAPACITY	COLLECTORS	ABSORBER AREA	SPACE REQUIRED	NO. OF PERSON
125	1	2	4' x 8'	2 to 3
250	2	4	8' x 8'	3 to 4
375	3	6	12' x 8'	4 to 5
500	4	8	16' x 8'	5 to 6
600	5	10	20' x 10'	6 to 7
750	6	12	24' X 10'	10

## **FARMSON PROJECT & INSTALLATION PHOTOS**





Vatslya International  
School  
Borsad  
**28000 LPD**



AKSHAR ZION  
BARODA  
**24000 LPD**



ONGC, ANKLESWAR

2000 LPD X 15 = 30000 LPD



**SHANTIVAN (ADANI HOUSE)  
AHMEDABAD, (5000 LPD)**







**UDAIPUR HOTEL, RAJSTHAN  
(5000 LPD)**

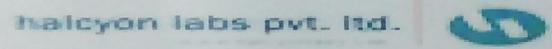
**EDI AHMEDABAD**  
**17000 LPD**





## Clients





TAKSHASHILA  
Institute of Management & Technology  
An ISO 9001:2000 Company





 Kumar Properties  
Construction & Biotechnology

BUILDING TRUST & RELIABILITY SINCE 1966

 LODHA



## ETC ECO NON PRESSURISED

**Inner Tank**

2.5 mm Galvanized Iron  
SMA Welding Technology

**Inner Coating**

Ceramic waterproof Paint

**Outer Cladding**

0.5 mm Galvanized Iron  
with pre paint technology

**Insulation**

High density PUF 50mm

**Stand**

1.6 mm Galvanized Iron with  
PP Powder Coating

**ISI Electric Backup ( optional )**

1.25"

**Solar Glass Tube**

1.6 mm Borosilicate Vacuum Tube,  
Coating CU-AL-N/SS(Three Layer)

CAPACITY	NO. OF PERSON	NO. OF TUBE	TUBE SIZE	SPACE REQUIRED
100	2-3	10	58* 1800	5' X 7'
150	3-5	15	58* 1800	6' X 7'
200	5-6	20	58* 1800	7' X 7'
250	6-7	25	58* 1800	8' X 7'
300	7-8	30	58* 1800	9' X 7'
500	10	32	58* 2100	9' X 9'



## FPC PRESSURIZED

**Inner Tank**

2.5 mm Galvanized Iron  
SMA Welding Technology

**Inner Coating**

Ceramic waterproof Paint  
**Outer Cladding**

0.5 mm Galvanized Iron  
with pre paint technology

**Insulation**

High density PUF 50mm

**Stand**

M.S Angle with PP Powder  
Coating

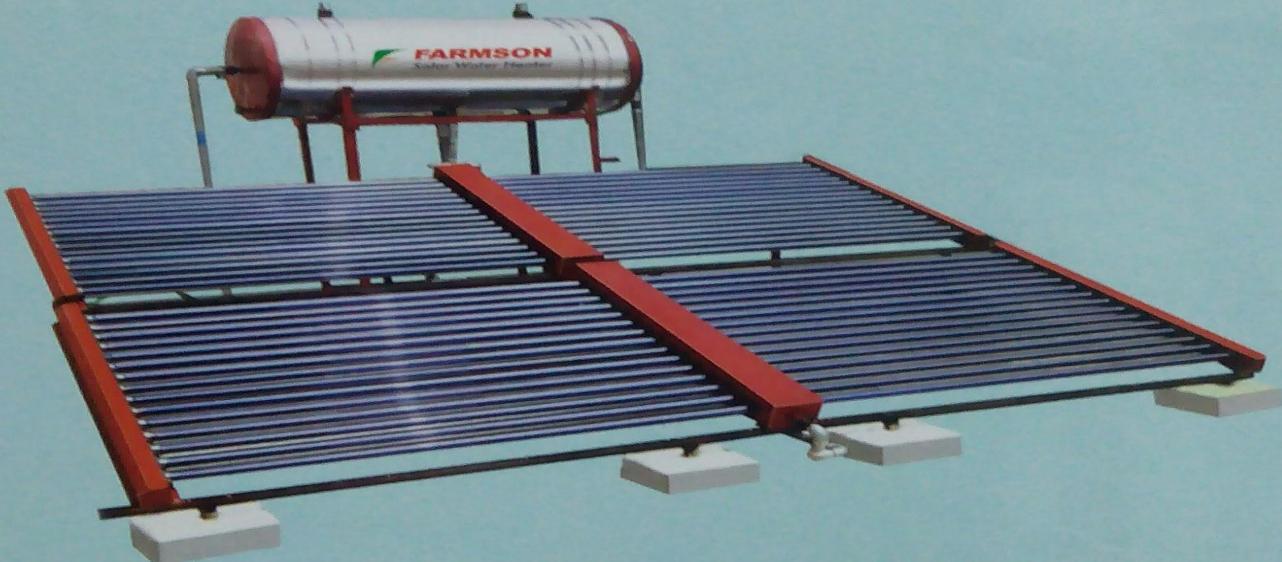
**ISI Electric Backup ( optional )**

1.25"

**Collectors**

BIS Approved Collectors As per IS  
12933

CAPACITY	NO. OF PERSON	NO. OF COLLECTOR	SPACE REQUIRED
125	2-3	1	4' X 8'
250	3-5	2	8' X 8'
375	5-6	3	12' X 8'
500	7-10	4	16' X 10'
750	15	6	24' X 12'



## ETC MANIFOLD SYSTEM

Manifold's flexibility and adaptation skills towards the need of customer. This system can be according to the client's requirements & technical specifications. The Inner Tank can be made from different materials like MS, Galvanized, SS, etc. Thermo Siphon Direct Heating & Indirect Heating Jacket System can also be provided.

: Authorized Dealer :

# **SUNSPOT SOLAR**

Patel Saw Mill Compound, Near Dharam Cinema, Gayatri Mandir Road,  
Mehsana- 384002.

Mo. 9426420492, 9925310701, 9624433555  
Email: sunspotsolar3@gmail.com