



**SunStream**  
**Solar Geyser**

**Enjoy**  
Hot water



It doesn't require **Electricity** any more!



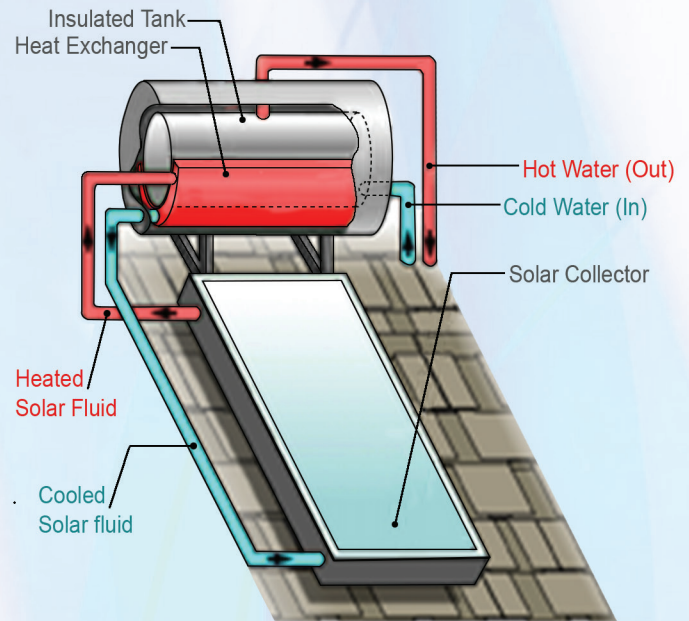
# SunStream Solar Geyser

**SunStream** Solar Geyser is a ETC (Evacuated Tube Collectors) or FPC (Flat Plate Collectors) type water heating system that utilizes solar energy to generate the temperature. The sunlight capturing unit of **SunStream**, installed on a terrace or open space absorbs the Sun Energy for the heating process during day time. The hot water is then stored in a large insulated tank which is in turn supplied for any application as desired even in the night.

The system runs completely without electricity and thus, drastically reduce your electricity bill specially during winters! **SunStream** Solar Geyser uses Thermosyphon principle to move water from collectors to storage tank automatically.

**SunStream** Solar Geyser system can still work in rainy and cloudy days if the overcast is not long (less than a day or two) as the system works on diffused radiation in the atmosphere.

**SunStream** Solar Geyser can also be integrated with an existing electric based water heating system that can act as a backup during the days when the overcast is long. The electric system can switch on if the water temperature from the solar water heater goes down below 40°C.



## Maintenance



Glass tubes of ETC system then break as they is fragile. So the glass may need occasional replacement.



Scaling happens on solar water heaters regularly especially if the water is hard. So the collectors need regular cleaning using acid.



If the outside surface of water heater is painted, then it may need a repaint every 2-3 years to prevent corrosion.



Occasional leakages could happen in the system and local plumbers can repair such damages.

## SunStream Models

Supply / Holding Capacity	Required Area for ETC system	Required Area for FPC system
100 Ltr. / Day	1.50 Sq. Mtr.	2.00 Sq. Mtr.
200 Ltr. / Day	3.00 Sq. Mtr.	4.00 Sq. Mtr.
250 Ltr. / Day	3.75 Sq. Mtr.	5.00 Sq. Mtr.
300 Ltr. / Day	4.50 Sq. Mtr.	6.00 Sq. Mtr.
350 Ltr. / Day	7.50 Sq. Mtr.	10.00 Sq. Mtr.

The liter per day mentioned above is liters of hot water at (60-70°C). A 100 liters size is suitable for a family of 4

## Power Save Matrix

Electricity units that a 100 Ltr. / Day **SunStream** Solar Geyser can save yearly in various India climates:

	Northern Region	Eastern Region	Southern Region	Western Region
Expected no. of days of hot water usage	200	200	300	250
Estimated yearly electricity unit saved	1000	1000	1500	1250

\* Product spec. & appearance is subject to change without prior notice based on R&D



**INDIAN GLOBAL FARM**  
1334, Survey Park, Kolkata- 700075,  
West Bengal, India.

+91 62894 85645  
info@indianglobalfarm.com  
www.indianglobalfarm.com