



GADMAN



SOLAR WATER HEATING SYSTEMS

Salient Features :

- Curtails Electricity Consumption in the highest slab of rates, thereby reduces Electricity Bill Substantially.
- Instant Hot Water during Power Cuts.
- 24 hours Instant Hot Water for bathing, washing clothes, washing oiled utensils.
- 100% Depreciation Benefit for Income Tax in the 1st Year.



**WHY SPEND
HAVE FREE**

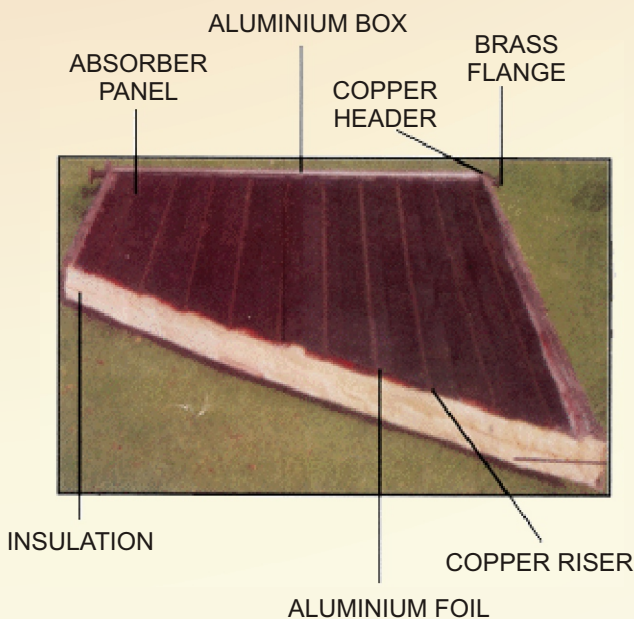
Capacity :

- * 150 Liters per day & in multiple upto 25000 Liters per day.
- * 3 square meters work space for 150 Liters per day module.

HOT WATER CONSUMPTION

Domestic
 15 to 20 liters per person per day bucket bath.
 30 to 35 liters per person per day shower bath.
 65 to 70 liters per person per day tub bath.

Hostels 25 to 30 Liters per person per day.
 Hotels 60 to 80 Liters per person per day.
 Hospitals 30 to 35 Liters per person per day.
 Industrial Boiler Capacity x Working Hours per day.



Systems Features :

- Copper Absorber
- Stainless Steel Hot Water Tank - No rust problem.
- Aluminium Sheet (used for Tank Insulation) instead of G I Sheet.
- Maintenance Free.
- Best Quality Raw Material ensures Long Life & Maximum efficiency.

Ecofriendly - No Pollution - Reduces Global Warming.



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SOLAR WATER HEATING SYSTEMS

Ideal for :

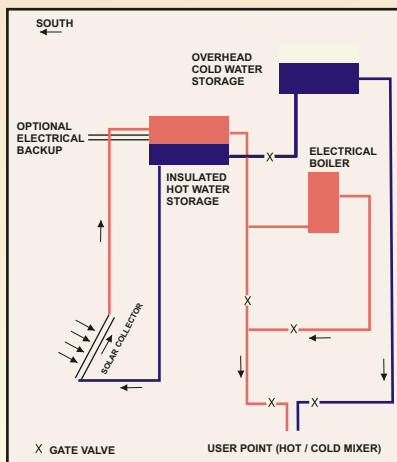
- Terrace Flats
- Hotels
- Dairies
- Bungalows
- Hospitals
- Food Industries
- Row Houses
- Industrial Canteens
- Boiler Feed Water
- Hostels
- Apartments
- Chemical Industries
- Laundries
- Pharmaceutical Industries
- Paper & Pulp Industries
- Textile Process Houses

Thermosiphone is normally used in for domestic and smaller capacity applications. The Absorber Panel is exposed to sun-rays & absorbs heat, which is conducted to water filled in copper riser. This hot water rises to copper header as the temperature rises & finally to insulated hot water storage tank. Water quantity displaced by natural draught is replaced by relatively cold water. This cycle continuous during sun hours.

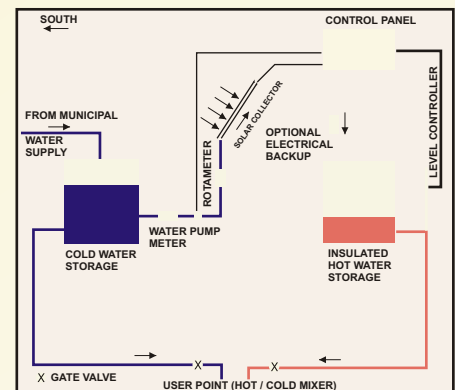


Forced Flow Systems is normally used for larger capacity applications & precise temp. requirements for 24 hours hot water (60°C) supply.

In a Forced Flow Systems the heat absorbed through the absorber panel heats water. The moment water temp. reaches the pre-set temp., say 60°C, the temp. sensor signals to the control panel which in turn switches on the circulation pump. Hot water is forced into the insulated hot water storage tank and is replaced by cold water in the panels. As the temp. goes below 60°C, the pump automatically switched off. This cycle continues throughout the day.



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☞ Time taken for water heating by Gadman Solar Water Heating Systems depends on - intensity of sunrays, - climatic conditions, - local temperature. ☞ 8 a.m. to 4 p.m. in summer and 9 a.m. to 3 p.m. in winter.

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