

## Swimming Pool Heating Systems



### Features:

- Solar Energy utilization for warming the swimming pool water.
- Easy retrofitment to the existing filtration system.
- Optional backup of LPG / Electricity.
- High return on investment.
- Optional Swimming Pool Cover (Automatic and Semi -Automatic).

### Application :

- Swimming pool water heating for swimming pools at Clubs, Hotels, SPA's, Guest houses etc.
- Warm water system for SPA's & resorts.

### Specifications :

#### Collector

Type	: Cu-Cu
Size	: 2000 mm x 1000 mm x 95mm.
Absorber	: selective coated
Absorptivity	: > 0.94
Emmissivity	: < 0.14
Frame material	: Inter locking screw less Extruded aluminum
Frame Coating	: Electrophoresis coating
Insulation	: 50 mm thick, fiber glass wool
Glazing	: 4 mm Textured and toughened glass
Back Sheet	: Aluminum back sheet

#### Heat Exchanger

Type	: Plate type Heat exchanger
End fittings	: Threaded
Material of Plates	: AISI 316
Material of Gasket	: NBR(P)

#### Support Structure

Type	: ISA/ISMC
Material	: MS
Finish	: Enamel / Epoxy
System Internal Piping	
Type	: Circular tubing
Material	: G.I. class "B" ISI mark
Insulation	: Rockwool 48kg/m <sup>3</sup>
Water proofing	: Hessin Cloth
Cladding	: 26 swg Al.
Pipe fittings	: G.I. ISI Make

#### Pump

Operating voltage	: 230V / 440V AC, 50 Hz
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Products Approved by:



## Space Heating Systems



### Features:

- Use solar energy to heat the air.
- Hot air can be circulated into the space to be heated.
- Works as ventilation system.
- As a building material it can form roof or wall cladding.
- Resistant to weathering.
- Overnight Storage and use.

### Application :

For Warming the space. Ideal for Space Heating / Warming of offices, Hotels, Industrial buildings, Residences etc. Humidification & Ventilation systems, Industrial Incubator, Poultry Farm.

### Specifications :

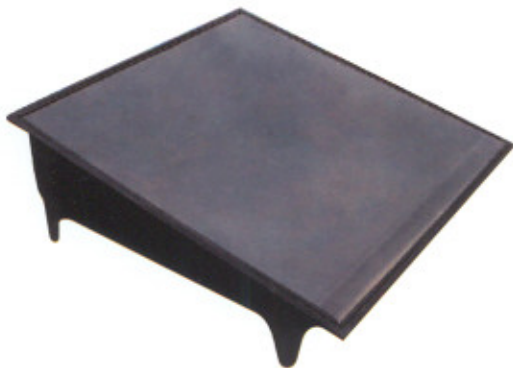
#### Solarwall Panels

Material	: Aluminum or Galvanized Steel
Absorbing Coating	: Selective Al - Ni Coating

#### Blower

Type	: Centrifugal Blower
Motor	: 230V / 440V AC, 50 Hz.
Volume control	: Damper at inlet
Type of Drive	: Direct
Ducting	: GI

## Solar Distillation Plant



### Features:

- From 5 Ltrs. To 200 Ltrs. Per day Production.
- No maintenance or operation cost.
- Easy Installation and operation.
- No skilled labour requirement.

### Application :

This system can produce Distilled Water from Solar Energy. It is Ideal for Laboratories, Process Industries, Hospitals, Auto Battery Service Centers.

### Specifications :

Material	: FRP
Size	: 990 mm x 990 mm x 230 mm
Glazing	: 4 mm thick Toughened glass
Transmittance	: > 85 %
Hold Capacity	: 20 ltrs
Distill water collection	: upto 5 ltrs Max @ Solar Radiation 1000w/sq.mtr at 25°C ambient Temperature
Colour	: Black
Beading	: EPDM