

SOLARTECH THERMAL SYSTEMS

18. SOLARTECH WATER HEATING SYSTEM (Economy Model)

Solartech Water Heating Systems are useful to meet the requirements of hot water of Defences, Industries, Hotels, Hospitals, Hostels, Mess, Canteens, Religious and Charitable Institutes, Educational Institutes, Residence etc., for bathing, washing, cleaning, cooking, Process heating, Boiler feed water, Leather tanning, Food processing, Space heating, H.D. Oil heating, Component washing, Dyeing, Painting, Ice Melting at high altitudes areas, etc.

Basic cost of Solartech Water Heating System includes cost of Solartech (SSSPL) make Cu-Cu. Selectively coated 'A' size Solar Flat Plate Collectors made of Aluminium body with toughened Glass; Insulated Hot Water Storage Tank, Air Vent & Drainage, Interconnections; Circulation Piping in between the system; Collectors & Hot Water Tank Stand; Control Valve; Temp. Gauge, etc.



| Sr. No. | Model No. | System Capacity in LPD at | Basic Cost | |
|---------|-----------|---------------------------|-------------------|----------------------|
| | | | With H. Exchanger | Without H. Exchanger |
| a) | SWH-1 | 100 | Rs. 34,000 | Rs. 32,000 |
| b) | SWH-2 | 200 | Rs. 52,000 | Rs. 48,000 |
| c) | SWH-3 | 300 | Rs. 74,000 | Rs. 70,000 |
| d) | SWH-5 | 500 | Rs. 1,20,000 | Rs. 1,10,000 |
| e) | SWH-10 | 1000 | Rs. 2,50,000 | Rs. 2,25,000 |



(Heat Ex-changers for deserts/hilly areas to solve hard/ salty water problem & freezing problem by use of soft water & anti-freezing solutions respectively.

NOTE : 1) Imported Evacuated Tube Collections based Water Heating Systems are also available on specific demand
 2) Levelled shadow free, suitable space, hot water and overhead cold water supply & connctions, Electrical wiring (if required), grouting material to our systems etc. will be provided by you.

19. SOLARTECH STILL (for Distilled Water)

'Solartech Still' use sunlight to produce distilled water from brackish or saline water. Sunlight is absorbed by the water and it evaporates. The water vapour condenses on the relatively cooler glass cover and the condensate- distilled water-is collected by appropriate channels.

'Solartech Stills' are the result of extensive design and development effort aimed at eliminating various problems encountered with the conventional design. For example, in Solartech Portable Still, to eliminate scaling problems, the whole still(including the distilled water channels) is made in the form of an integral mould.

'Solartech Still' ensure consistent supply of distilled water. These systems are offered in a basic portable configuration. A number of these portable stills can be easily interconnected when there are large requirements of distilled water varying from 2 LPD to 100 LPD.

| Sr. No. | Model No. | Capacity | Rate/Unit |
|---------|-----------|--------------|------------|
| a) | SS 2.5 | 2.5 Ltr./day | Rs. 7,425 |
| b) | SS 5 | 5 Ltr./day | Rs. 14,300 |
| c) | SS 10 | 10 Ltr./day | Rs. 28,000 |
| d) | SS DX 4 | 4 Ltr./day | Rs. 9,700 |
| e) | SS DX 8 | 8 Ltr./day | Rs. 19,400 |
| f) | SS DX 12 | 12 Ltr./day | Rs. 29,150 |
| g) | SS DX 20 | 20Ltr./day | Rs. 48,125 |



Solartech Still