



MAHARISHI SOLAR TECHNOLOGY PVT. LTD.

– SOLAR THERMAL DIVISION –



LARGE SCALE SOLAR WATER HEATING SYSTEM

Maharishi Solar Technology, a leading engineering and manufacturing company established in the year 1999, catering for the requirements of Solar PV Technology, has added to it's range of products Solar Thermal Technology under it's Solar Thermal Division. With it's strong and dedicated team of technical experts, the different models of Large Scale Solar Water Heating Systems (LSSWHS) have been developed with Single / Double Glazed Flat Plate collectors as detailed below:



Applications: All kinds of Industries as well as Residential Complexes, Hotels, Hostels, Guest Houses, Canteens, Hospitals, Swimming pools etc. requiring hot water generation for various processes.

SPECIFICATIONS:

MODEL	LSSWHS-1000	LSSWHS-2000	LSSWHS-5000
Hot water/day (litre)	1000	2000	5000
Temp. (°C) Single Glazed	60-65	60-65	60-65
Temp. (°C) Double Glazed	65-85	65-85	65-85
No. of collectors* (size-1852x1248x101mm)	8-10	16-20	40-50
Tank (Incl. Heat Exchanger)	SS304 / MS	SS304 / MS	SS304 / MS
Insulation Thickness(mm)	100	100	100
Aluminium Cladding (SWG)	24	24	24
Support Structure MS Angle(mm)	35x35x3	35x35x3	35x35x3
Insulated Hot Water System Piping	32NB	32NB	32NB
Cold water piping	25NB	25NB	25NB
Space required (sqmeter)	25	70	200

* Depending upon meteorological Conditions

