

SOLAR WATER HEATER

'Empowering Your Life'

5
YEARS
Warranty

ISO
14001

ISO
9001



Backup Heater
(Optional)

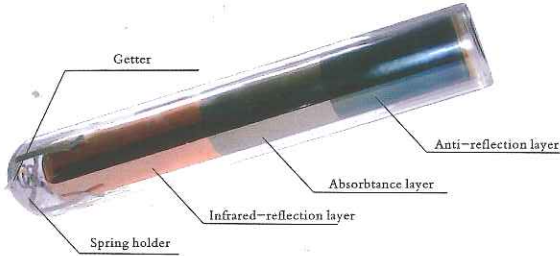
MNRE
Channel
Partner

A white icon of a solar panel being installed on a roof.
Easy
Installation

A white icon of a stylized '4' shape with a diagonal line, representing TLC International coating.
TLC
International
coating

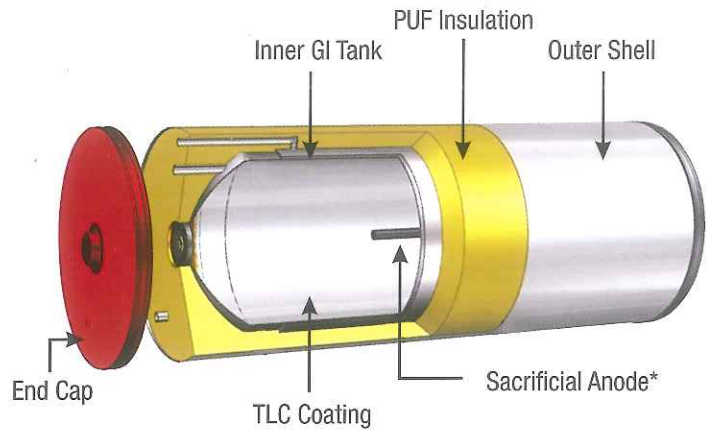
A white icon of a lightbulb with a leaf inside, representing eco-friendliness.
Eco Friendly

3 LAYERED ETC TUBE



TECHNICAL SPECIFICATION: ETC TUBE

- Material: Borosilicate 3.3 mm Glass
- Dimension: O.D: 58mm I.D: 47mm Length: 1800mm / 2100 mm
- Absorption Coating Graded Cu-Al N/SS (Three Layers)
- Vacuum – $P < 5 \times 10^{-3}$ PA
- Heat Loss < 0.8 w/Sq. Meter
- Stagnation Temperature $> 200^\circ\text{C}$
- Emission $< 8\%$ at 80°C
- Absorptance $> 92\%$ Am, $1.5\% \pm$



TECHNICAL SPECIFICATION - TANK

- Inner Tank Coating: GI with TLC Anti Corrosive Coating
- Outer Cladding: GI Precoated sheet (0.5mm)
- Insulation: 50mm PUF Insulation 38kg / mt^3 Density
- Stand: 3mm (A) 25 x 25 x 3 (B) 30 x 30 x 3 in MS Powder Coated
- Tank Connections: 3/ 4" or 1"(Inlet & outlet)
- Welding: CO₂ Rust Proof Welding
- Inner Tank Thickness: 1.5mm 120 GSM HDGI ISI Marked
- 1 1/4" Socket provision for Auto Electrical Backup
- Stainless Steel Inner Tank Can Be Provided On Request
- Sacrificial Anode (Optional)*

SOLAR WATER HEATING SYSTEM DETAILS

SR. NO.	MODEL	SYSTEM CAPACITY	TUBE SIZE	NO OF TUBES	SYSTEM DIMENSION (mm)			GROSS WEIGHT KG	PACKING TYPE
					HEIGHT	LENGTH	WIDTH		
1	PSWHE-100	100 LPD	58 X 1800 MM	10	1155	1977	799	60	5PLY CORRUGATED BOX
2	PSWHE-150	150 LPD	58 X 1800 MM	15	1155	1977	1250	75	
3	PSWHE-200	200 LPD	58 X 1800 MM	20	1155	1977	1546	110	
4	PSWHE-250	250 LPD	58 X 1800 MM	25	1155	1977	1925	125	
5	PSWHE-300	300 LPD	58 X 1800 MM	30	1155	1977	2447	155	
6	PSWHE-500	500 DR ECO	58 X 2100 MM	35	1380	1268	2425	205	CORRUGATED SHEET WITH FOAM
7	PSWHEM-500	500 MF	58 X 1800 MM	50	1933	751	731	220	
8	PSWHEME-500	500 MF ECO	58 X 1800 MM	40	1933	751	731	210	
9	PSWHEME-750	750 MF ECO	58 X 2100 MM	40	1933	751	731	230	

NOTE - WATER IN TUBE | A) 58X1800 - 3.5LPD | B) 58X2100 - 4.12 LPD

* TANK SIZE



Note: FPC Based Systems are also available

Applications



Home



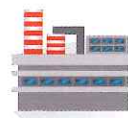
Hospital



Hotel



Apartment



Industrial

Authorised Dealer

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Near Sangam Bridge, Opp. Air India Office, Pune- 411001.

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