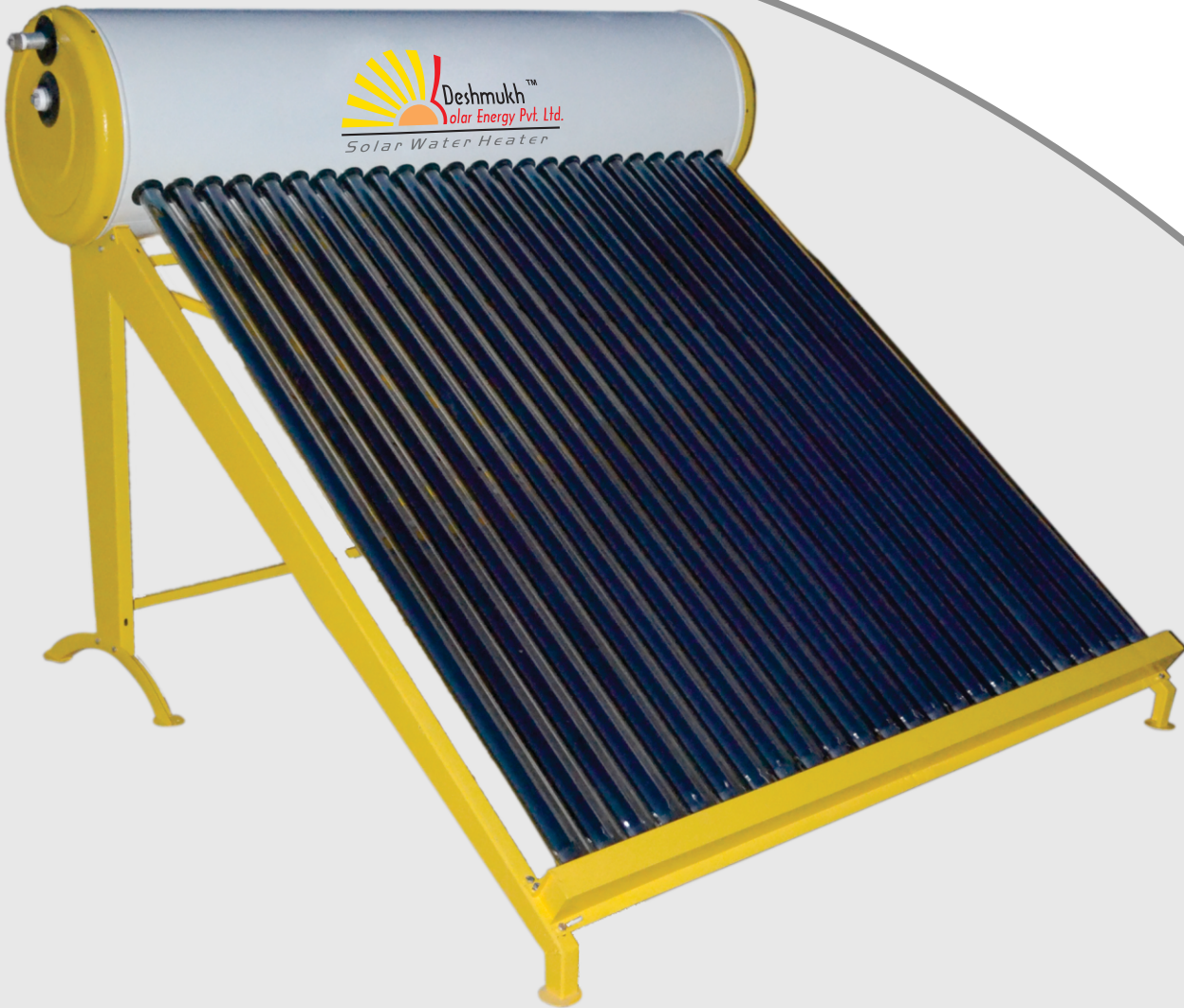


Solar Water Heater



- No Electricity Required
- Maintenance Free
- Latest Solar Technology
 - Better Frame Design
 - Longer Life
 - Completely Safe
 - Easy Installation
- Produced by Reliable Materials
- Electrical Backup Facility (Optional)

MNRE

APPROVED

ISO

9001

CO



BACKUP HEATER

Optional

5 years*

WARRANTY

APPLICATION

- Building & Banglows
- School & Boarding
- Swimming Pool
- Hotels, Hospitals, Restaurants
- Textile Industries
- Resorts, Apartments

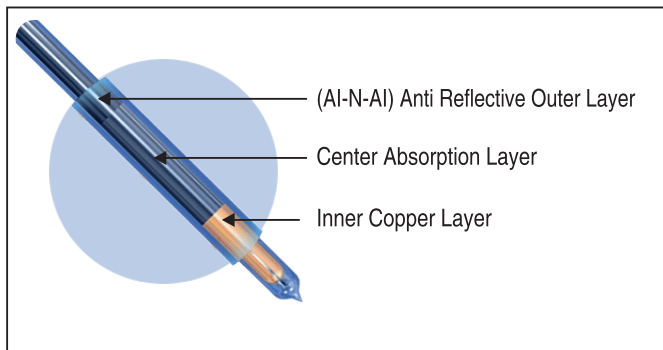


Evacuated Tube collector (ETC) Solar Water Heater Technical Detail

Model	No. of Tubes	Back UP Heater (Optional)	Solar Total Height After Fitting	Minimum Required Over Head Tank Height From Terrace	Inner tank	Tank Insulation	Outer Tank Cover	Min roof area Reqd. Shadow free (NSX EW)
100 LPD	12	2 KW	59"	79"	SS.304/GI	PUF	GI-P.coted	77" x 36"
125 LPD	15	2 KW	59"	79"	SS.304/GI	PUF	GI-P.coted	77" x 44"
150 LPD	18	2 KW	59"	79"	SS.304/GI	PUF	GI-P.coted	77" x 52"
200 LPD	24	2 KW	59"	79"	SS.304/GI	PUF	GI-P.coted	77" x 69"
250 LPD	30	2 KW	59"	79"	SS.304/GI	PUF	GI-P.coted	77" x 85"
300 LPD	35	2 KW	59"	79"	SS.304/GI	PUF	GI-P.coted	77" x 99"
500 LPD	27	4 KW OR (2KW + 2KW)	75"	98"	SS.304/GI	PUF	GI-P.coted	82" x 100"
1000 LPD	54	8 KW OR (4KW - 02NOS)	75"	98"	SS.304/GI	PUF	GI-P.coted	82" x 215"

- Approx System weight with water is 1.6kg. per Liter.
- Large capacity Solar Water Heater available from 1000 LPD to several thousand LPD.

Triple Layer Tube Technology for Faster Heating



Evacuated Tube Specification

Tube Structure		All – Glass Double Tube co-axial structure
Glass Material		Borosilicate 3.3 Glass
Outer Tube Diameter x Inner Tube Diameter x Tube Length		47mm x 37mm x 1800 mm 70mm x 58mm x 2100 mm
Glass Thickness		1.6 mm / 2.00 mm
Pressure		0.6 MPa
Absorber Coating	Coating Material	Cu / SS – AlN
	Sediment Method	Three Targets Magnetron Sputtering Plating
	Absorptivity	$\alpha \geq 0.93$ (AM 1.5)
	Emittance	$\epsilon \leq 6.5\%$ (80°C±5°C)
Vacuum Degree		$P \leq 5.0 \times 10^{-3}$ Pa
Transmittance of Glass Tube		$T \geq 0.89$
Stagnation Parameter		$Y : 200 \sim 240 \text{ m}^2\text{C/kw}$



Solar Pump



Solar Panel



Solar Street Light



Solar Home Lighting System



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Dealer Stamp

