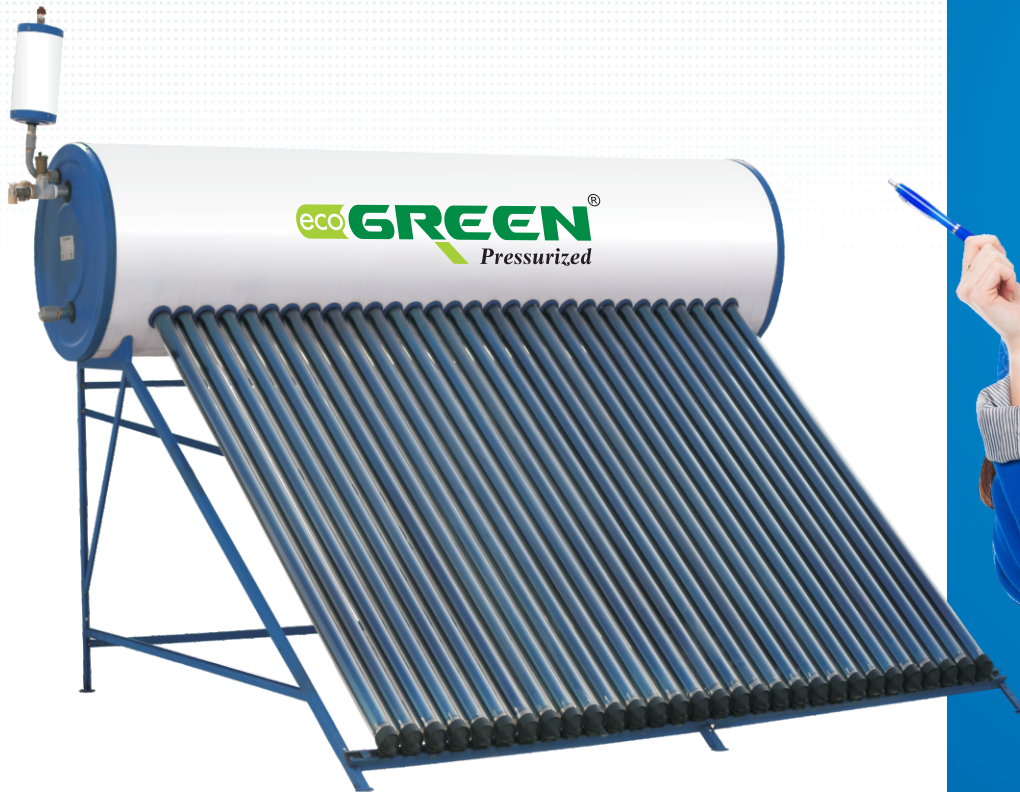


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100% Proven Technology*



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**Customer Care**  
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## ETC TECHNICAL DETAILS

Capacity in Ltrs.	No. of Tubes	Tubes Size in mm	No. of Members	Size (Ft) L x B x H
200	20	58 x 1800	2-3	6 x 7 x 5
300	30	58 x 1800	4-5	6 x 9 x 5
300*	30	58 x 1800	4-5	12 x 7 x 7
500	34	58 x 2100	7-8	7 x 9.5 x 7
500*	50	58 x 1800	7-8	14 x 13 x 7

\* Manifold Type

## INNER TANK

Material	Galvanised Steel - JINDAL Steel   ESSAR STEEL   TATA STEEL
Thickness	3 mm
Coating	Full Marine Coating Inside & Outside of Tank - MRF
Connection	Stainless Steel
Electric Back-up	Provision for Electric Back-up is provided

## HEAT EXCHANGER

Material	Galvanised Steel - JINDAL Steel   ESSAR STEEL   TATA STEEL
Thickness	1.5 mm
Coating	Full Marine Coating Inside Heat Exchanger - MRF
Connection	Stainless Steel
Tank to Tube Seal	Silicon Seal (Can withstand maximum temp.)
Insulation	PUF Insulation of 50 mm - BASF The Chemical Company   Dow

## OUTER TANK

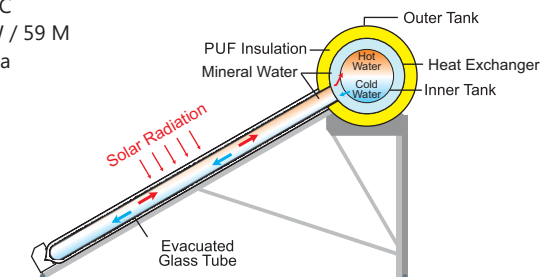
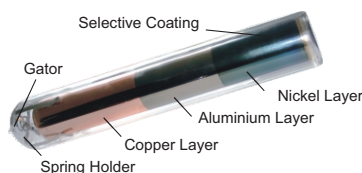
Material	Galvanised Steel - ESSAR STEEL   National Steel
Powder Coating	Pure Polyester Powder Coating - asianpaints   Durgam Cheruvu

## SUPPORTING STRUCTURE

Material	GI Sheet Metal / M. S. Angle
Coating	Pure Polyester Powder Coating - asianpaints   Durgam Cheruvu
Nut Bolts	M. S. Zink Coated

## EVACUATED GLASS TUBE SPECIFICATIONS

Material	1.6mm Borosilicate Glass 3.3
Dimension	58mm x 47mm x 1800mm
	58mm x 47mm x 2100mm
Absorption Coating	Al - Ni - Cu (Three Layer)
Absorption Capacity	>92%
Emission	<8% (80° C)
Vacuum	$P \leq 5 \times 10^{-3}$ Pa
Stagnation Temp.	>200° C
Heat Loss	<0.8 W / 59 M
Max. Strength	0.8 mpa



Solar Water Heater | Solar Lighting | LED Lighting | Renewable Energy Products

Regd. Office & Factory :

**ECO GREEN VENTURES**

Plot No. 4-5-6, Gajanand Industrial Area, Revenue Survey No. 183,  
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\* GUARANTEES PER CONDITION