

eco**GREEN**<sup>®</sup>  
*Emerald*



heater  
THAT BEATS THE  
meter



first time in india  
with





**Customer Care**  
**78 78 44 44 14**



Manu.

**Green**  
**ENERGY**  
An ISO 9001 : 2008 Co.

#### ETC TECHNICAL DETAILS

Capacity in Ltrs.	No. of Tubes	Tubes Size in mm	No. of Members	Size (Ft) L x B x H
100	10	58 x 1800	3-4	6 x 3.5 x 5
150	15	58 x 1800	5-6	6 x 5 x 5
200	20	58 x 1800	6-8	6 x 7 x 5
250	25	58 x 1800	7-9	6 x 8 x 5
300	30	58 x 1800	10-11	6 x 9 x 5

- Pressurized Systems are available - 1000 LPD & Higher capacity systems are available.

#### INNER TANK

Material	▶ Galvanised Steel - JINDAL Steel   ESSAR STEEL   TATA STEEL
Thickness	▶ 2.5 mm
Coating Inside Tank	▶ Full Marine Coating & Special Rust proof Coating - MRF
Protection from Scales	▶ Sacrificial Anode
Connection	▶ Stainless Steel
Tank to Tube Seal	▶ Silicon Seal (Can withstand maximum temp.)
Electric Back-up	▶ Provision for Electric Back - up is provided
Insulation	▶ PUF Insulation of 50 mm - BASF The Chemical Company   Dow

#### OUTER TANK

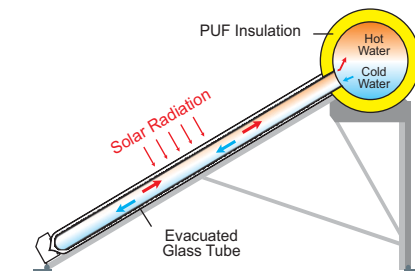
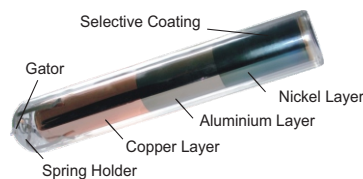
Material	▶ Galvanised Steel - ESSAR STEEL   National Steel
Powder Coating	▶ Pure Polyester Powder Coating - Asian Paints   Berger

#### SUPPORTING STRUCTURE

Material	▶ GI Sheet Metal
Coating	▶ Pure Polyester Powder Coating - Asian Paints   Berger
Nut Bolts	▶ Stainless Steel

#### 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 :** 304, Pragati Complex, 150 Ft. Ring Road,  
Near Giriraj Hospital, Rajkot - 360 005 (Gujarat) India.  
**Works :** G-2016, GIDC Lodhika, Almighty Gate, Road-L,  
Metoda - 360 021, Dist. Rajkot (Guj.) India.  
Phone.: 02827-286296, Cell : 83066 83067

**E-mail :** greenenergy123@gmail.com

**Website :** ecogreensolar.co.in

**f** www.facebook.com/ecogreensolar

Available at

*We always strive for customer's satisfaction, Excellence in Quality of products & Services*

Due to continuous Development & Product Improvement, the Company reserves the right to change / alter the specifications without any prior notice

\* GUARANTEE AS PER CONDITION