

*Let's think better,  
without harm of nature...*

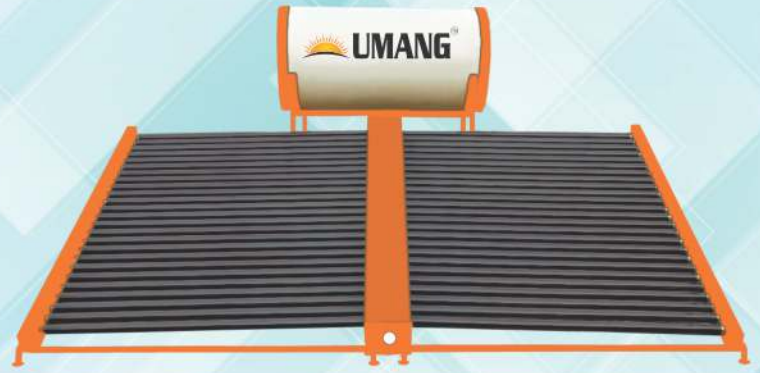


**AVAILABLE RANGE**  
100, 150, 200, 250, 300, 500 LPD

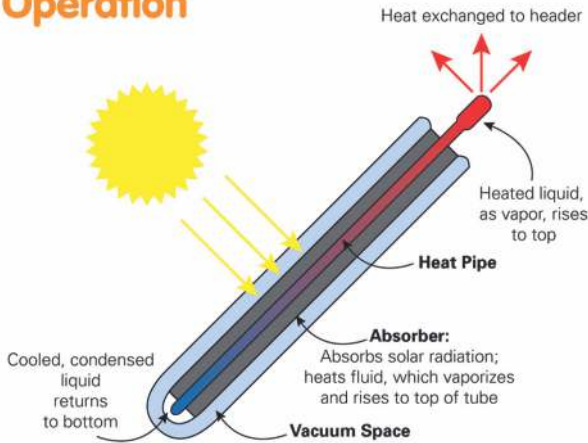


## TECHNICAL SPECIFICATION OF TANK

Inner Tank	: 2.5 mm Galvanized
Inner Coating	: Marine Paint / Epoxy Coating
Outer Cover	: 0.50 mm Galvanized (G.I. and PP Powder Coating)
Insulation	: 50 mm puf
Stand	: 1.6 mm (GI) PP Powder Coating
Connection	: 1" (Inlet and Outlet)
Electric Backup Provision	: 1.25"



### Evacuated Tube Operation



## TECHNICAL SPECIFICATION OF TUBE

Material	: 1.6 Borosilicate Glass 3.3, S.S. Nuts and Bolts
Dimension	: Outer Dia - 58 mm Inner Dia - 47 mm Length - 1800 mm / 2100 mm
Absorption	:
Coating Graded	: CU-AL-N/SS (Three Layer)
Absorptance	: > 92% (AM 1.5)
Emittance	: < 8% (80 °C)
Vacuum	: P < 5x10 <sup>-3</sup> PA
Stagnation Temperature	: > 200 °C
Heat Loss	: < 0.8 W / 59 M
Max. Strength	: 0.8 mpa

Applications : Household Water Heating, Hostel, Hospital, Hotel, Industrial & Commercials, Institutional, Health Club etc...



- Solar Pressurised & Non Pressurised system
- Solar Flat Plate Collector System

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### EVACUATED TUBE COLLECTOR (ETC)

Capacity in Ltrs.	No.of Members	Size (LxBxH)
100	3-4	6x3.5x5
150	5-6	6x5x5
200	7-8	6x7x5
250	9-10	6x8x5
300	11-12	6x9x9.5
500	16-18	7x9.5x7



## UMANG SOLAR

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