

# Hot water from the sun all year round

Venus solar water heaters have the most advanced vacuum tube technology that ensures hot water all year round



• Maximum performance • Zero maintenance • Compact shape and size



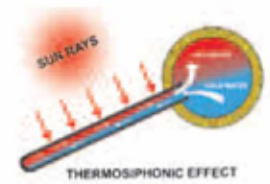
MODTECH ENGINEERING

## VENUS SOLAR WATER HEATER

Venus has been at the forefront of the water heater business for over 50 years now. With a wide range of models that has given warmth to millions of families across India. Innovating constantly, One of the innovations is a hot water heater that uses solar power, saving people tons of money on their power bill, as well as helping conserve energy.

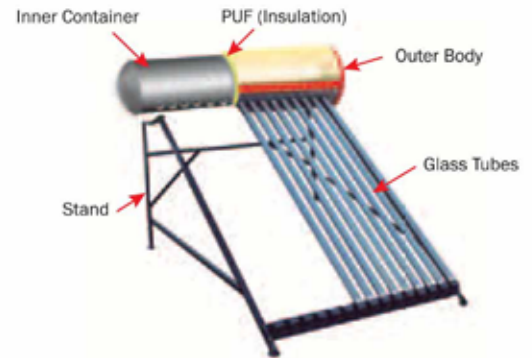
### WORKING PRINCIPLE

The Vacuum tube collector absorbs the heat from the solar radiation & heats up the water stored in the system through the thermosiphonic effect. (Water in the glass tubes heats, it becomes lighter and rises naturally into the tank above. Meanwhile, cooler water in the tank flows down the tubes to the bottom of the collector, causing circulation through out the system). This process continues steadily for number of hours till the water stored in the tank is heated up. The heated water in this manner is stored overnight in the insulated storage tank and is available for use the next day.



### FEATURES

- Superior corrosion resistant stainless steel inner tank.
- SS 304 L for water with TDS <500 ppm.
- SS 316 grade for hard water, saline water TDS <1000 ppm.
- Extra thick 5cm PUF Insulation for minimum heat loss (upto 1000 LPD models).
- Long life corrosion proof MS pre-coated outer body (upto 1000 LPD models).
- Vacuum tubes with superior coating to absorb maximum solar radiation and for maximum heat retention.
- Backup electric heating element for cold rainy days (optional).
- Powder coated MS stand - sturdy and rust resistant.

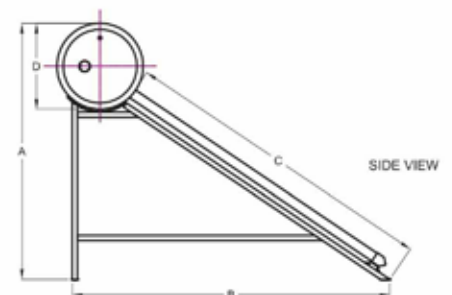
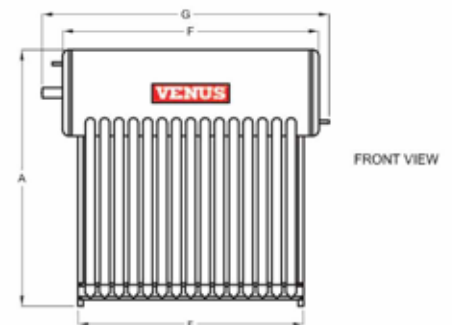


Description	100SV 316/304 L	200SV 316/304 L					
Capacity	100 Liters per day	200 Liters per day					
No. of Vacuum Tubes	15 Nos	30 Nos					
Safety Devices (optional)	Thermostat	Thermostat					
Pipe Connection	3/4" SS pipes	3/4" SS pipes					
Backup Electric Heating (optional)	2 kw heating element	2 kw heating element					
Stand Angle	35° - 38°	35° - 38°					
Daily Usage	upto 4 persons	upto 8 persons					
Maximum No. of Outlets	2	4					
Guarantee*	5 Years	5 Years					
Dimension (in mm)							
Model	A	B	C	D	E	F	G
100 Ltrs	1250	1550	1500	420	1100	1250	1400
200 Ltrs	1250	1550	1500	420	2140	2300	2450

Higher Capacity models are also available (500 LPD, 1000 LPD etc.)

High Pressure Flat Plate models are also available.

\* Refer "Terms & Conditions" in User Manual.



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