

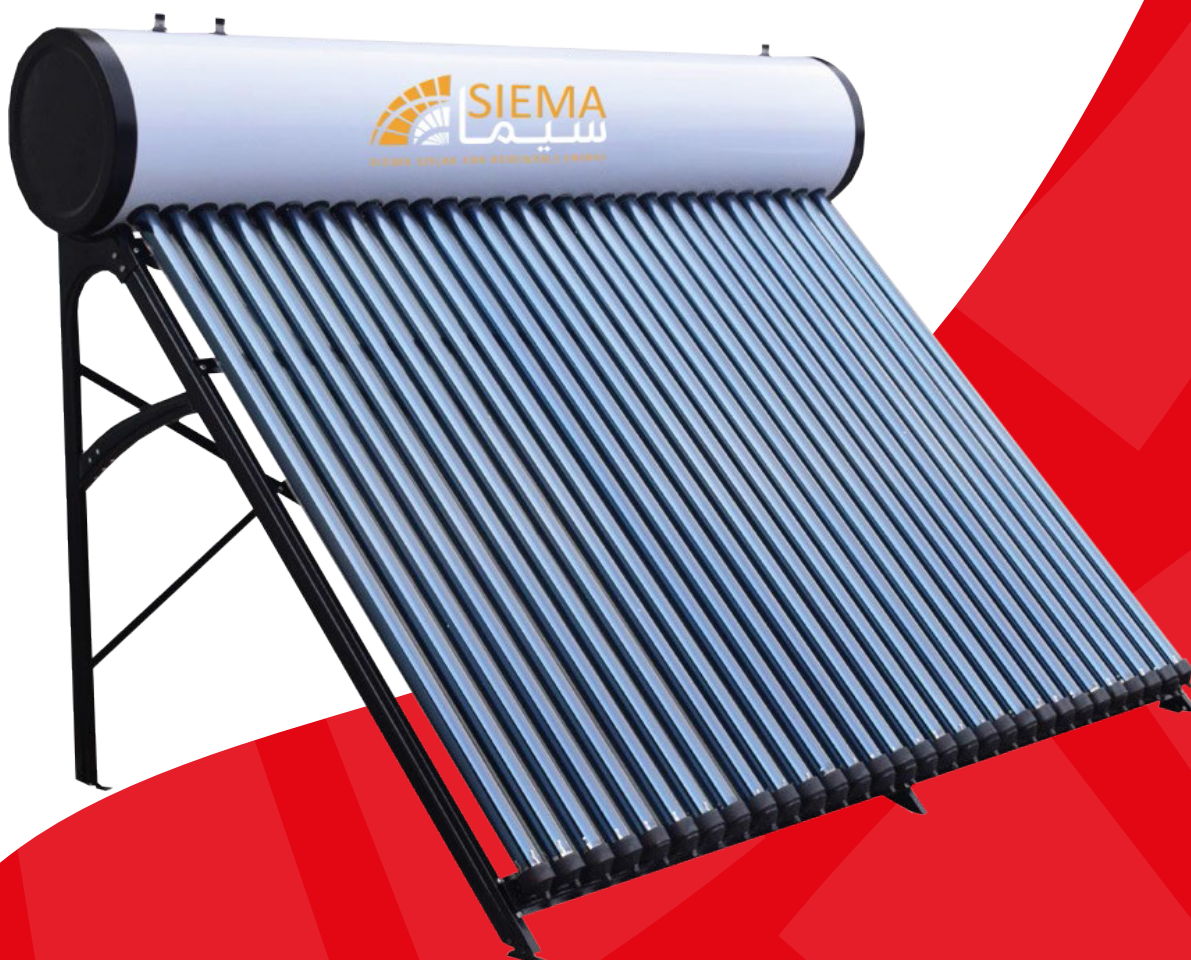
## PRESSURIZED SOLAR WATER HEATER-HEAT PIPE

### BRIEF SPECIFICATION:

- Inner tank: is made of stainless steel SUS304/SUS316; thickness: 1.2 mm - 2.0 mm.
- Outer tank: Pre-painted galvanized steel/ aluminum-zinc coated or powder coated galvanized steel, 0.5 mm.
- Insulation: polyurethane 50-60mm thickness.
- Vacuum tube: QB-AL-N/AL, 1800-58.
- Heat Pipe: Pure copper (Tu1 Cu  $\geq$ 99.97) to avoid any chemical reaction may take place during operation.
- Frame: coated galvanized steel.

### SOLAR WATER HEATING SYSTEM:

- The tank is made of stainless steel SUS 304 & SUS 316 which belongs to food grade and have better resistance to corrosion.
- The life cycle is much longer because of the high thickness of the inner tank and the Argon welding.
- No water gets into the glass vacuum tube, This will cause no water loss when the tube is broken.
- The tank is pressurized.
- The system is easy to install and easy to maintain.



Type	Glass-Glass Evacuated Tube
Pressure	pressurized
Method of Heating	Thermosyphon
Method of Connection	Direct
Product v Model	PVST-HP
No. of Tubes	30 - 24 - 20 - 18 - 15, and as requested

Model	No. of tubes	System capacity (liter)	Absorbing area (m <sup>2</sup> )	Aperture area (m <sup>2</sup> )	Weight (kg)	Dimensions (mm)		
						Width	Depth	Hight
PVST-HP 150	15	148	2.09	1.4	90	1470	1620	1680
PVST-HP 175	18	173	2.48	1.69	99	1730	1620	1680
PVST-HP 200	20	192	2.76	1.88	105	1870	1620	1680
PVST-HP 250	24	226	3.31	2.26	116	2190	1620	1680
PVST-HP 300	30	266	4.14	2.82	133	2550	1620	1680
Vacum tube size			Ø58 x 1800			Specifications are subject to change without prior notice.		
Maximum working pressure			6 bar					
Steel thickness of inner tank:			2.0-1.2 mm					

**Note: thickness of the stainless steel of the inner tank may be changed upon request. Quantity of tubes may be changed upon request**

