

Integrative Pressurized Solar Water Heater



How Do Integrative Pressurized Solar Water Heater works?

- 1) Connect with tap water piping directly. Water is feed automatically by the water pressure. The vacuum tubes absorb the sun energy and transfer the heat to the tank via the copper heat pipe and the water temperature of tank is gradually heated.
- 2) If the water is expand and pressure rise to more than 6 bar. The PT valve will release automatically.
- 3) The electric heater can be operated for backup heating.

Model Name	SP solar water heater
Inner tank	SUS304-2B/316 [1.2mm]
Insulation layer	Polyurethane foam [55mm]
Outer tank	SUS304-2B [0.4mm]
Bracket	SUS201/304 [1.2mm]
Evacuated tube	Borosilicate Glass 3.3

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Features:

- 1) Pressurized tank, working pressure 6 bar, Max resistance 12 bar.
- 2) Reliable and efficient twin-glass solar tubes
- 3) Copper heat pipes for rapid heat transfer ,No water through the tube, So it can good working in winter without freeze.
- 4) Easy plug-in installation.
- 5) Free maintenance.
- 6) Stable solar conversion during the day.
- 7) Ideal for home applications.

Product Model	Tubes Qty.	Tank (L)	Absorbing Area (m ²)	Weight (KGS)	Dimension (L×W×H)	Qty. per 20FT/40FT/40HQ
SP470-1800/58-18	18	150L	1.37	93	1830*1690*1600	35 / 70 / 85
SP470-1800/58-20	20	165L	1.52	103	1830*1850*1600	32 / 64 / 78
SP470-1800/58-24	24	200L	1.83	125	1830*2170*1600	27 / 55 / 67
SP470-1800/58-30	30	250L	2.29	156	1830*2650*1600	23 / 46 / 55
SP500-1800/58-18	18	180L	1.37	98	1830*1690*1630	34 / 69 / 83
SP500-1800/58-20	20	200L	1.52	109	1830*1850*1630	31 / 63 / 76
SP500-1800/58-24	24	240L	1.83	132	1830*2170*1630	26 / 54 / 65
SP500-1800/58-30	30	300L	2.29	164	1830*2650*1630	22 / 45 / 53