

U Pipe Solar Collector

Model No:SU Series



How Does the U Pipe Solar Collector works?

- 1) Connect with pressure water tank and workstation. Water is circulated through the header via intermittent pump cycling. Each time the water circulates through the header, the temperatures is raised by 5-10°C. Throughout the day, the water in the tank is gradually heated.
- 2) Solar absorption: solar radiation is absorbed by the solar tubes and converted into heat.
- 3) Solar heat transfer: heat pipes conduct the heat from within the solar tube up to the U pipe.

Model Name	SU solar collector
Header pipe	Copper [1.0mm]
Insulation layer	Polyurethane foam [55mm]
Manifold Casing	SUS304-2B [0.7mm]
Bracket	SUS201/304 [1.2mm]
Evacuated tube	Borosilicate Glass 3.3
U pipe	Copper [0.8mm]

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Features:

- 1) Using U pipe solar collector, has better appearance.
- 2) Reliable and efficient twin-glass solar tubes.
- 3) Copper U 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) Work pressure:8 bars.
- 7) Stable solar conversion during the day.
- 8) The perfect solar collector for domestic solar water heater systems.
- 9) Ideal for commercial solar water heating applications.

Product Model	Tubes Qty.	Supply hot water (L)	Absorbing Area (m ²)	Weight (KGS)	Dimension (L×W×H)(L1×W1)	Qty. per 20FT/40FT/40HQ
SU-1800/58-12	12	120L	0.92	40	2040×1110	112 / 224 / 272
SU-1800/58-15	15	150L	1.15	50	2040×1350	93 / 186 / 226