

Basic contact information

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If you are interested in our products, please contact us!

U Pipe Solar Collector (SC-U)

Just as the name says, U pipe solar collector. U pipe is the main feature. The vacuum tubes absorb solar radiation and transfer into heat, pass to the fin by the tube wall, and then transfer to the U pipe by the fin, U pipe absorbs heat then transfer to medium, cold medium continuously flow into inlet and heated by U pipe, then flow out from the outlet, so that obtain the heat of solar energy heating water.

Other Characteristics and information please see below.



Characteristic:

1. Twin-glass vacuum tubes: reliable, efficient, high temperature resistant, anti-freezing.
2. There is no water in the vacuum tube, the system will still work even the tube broken.
3. U pipe, efficient.

4. Aluminum manifold and bracket, corrosion resistance, easy to install. It's suitable for flat and sloping roof.
5. Flexible Installation, installation angle from 0° to 90°, roof and wall hanging installation.
6. High temperature resistant rock wool / glass wool, high density, good thermal insulation properties.
7. High quality copper manifold, its testing pressure is 1MPa.
8. Eco and economical, improves the environment and save your fuel cost.

SC-U

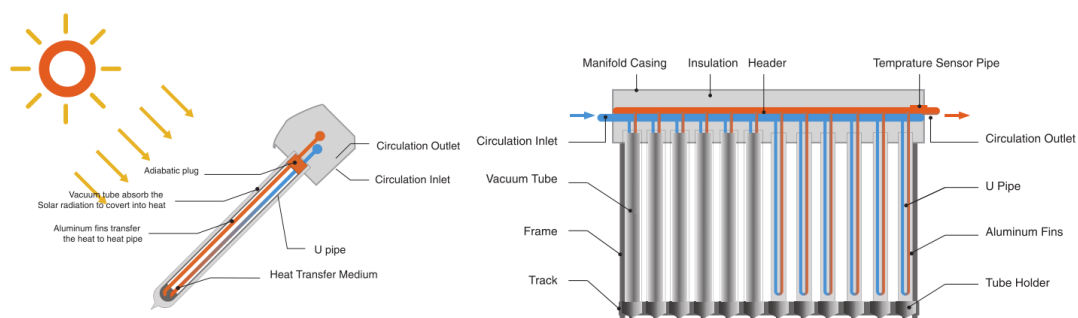
U Pipe Solar Collector



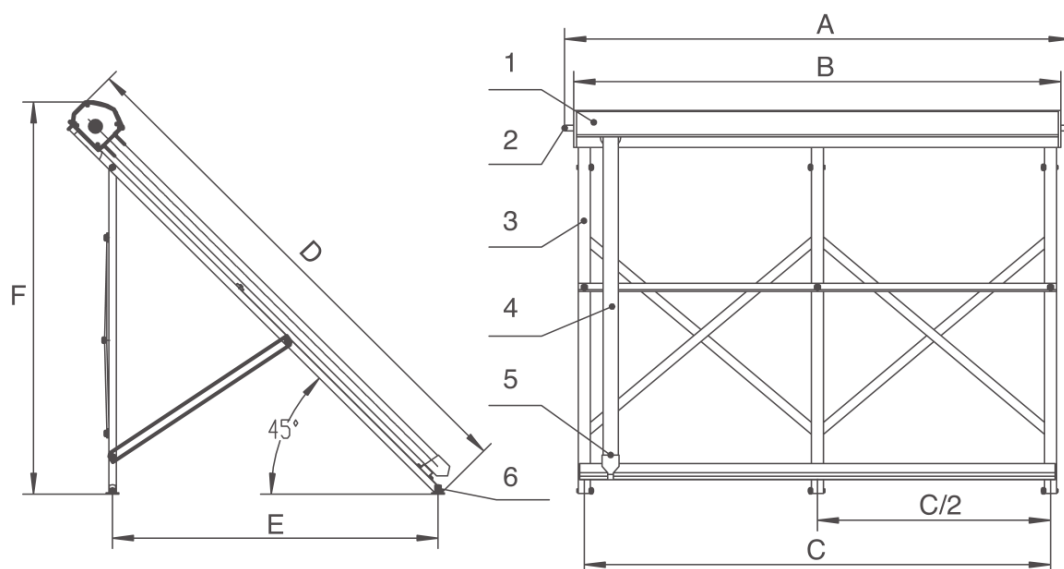
Working Principle:

The vacuum tubes absorb solar radiation and transfer into heat, pass to the fin by the tube wall, and then transfer to the U pipe by the fin, U pipe absorbs heat then transfer to

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Structure Drawing :



- 1, Manifold
- 2, Connector
- 3, Frame
- 4, All glass vacuum tube
- 5, Tube holder
- 6, Anti-wind stand

Technical Information:

Model	SC-U-15	SC-U-18	SC-U-20
Tube Quantity (pcs)	15	18	20
Diameter/Length Of Vacuum Tube (mm)	Φ58 / 1800		
Material Of Vacuum Tube	High Borosilicate Glass3.3		
Insulation Material/Thickness (mm)	Rock Wool / 40		
Rated Pressure (mpa)	0.6		
Aperture Area (m ²)	1.5	1.8	2
Gross Area (m ²)	2.3	2.74	3.04
Power (w)1000w/m ²	870	1047	1165
Net Weight (kg)	50.75	59.75	64.75
A (mm)	1270	1495	1645
B (mm)	1175	1400	1550
C (mm)	1100	1325	1475
C/2 (mm)	—	—	—
D (mm)	1980	1980	1980
E (mm)	1240	1240	1240
F (mm)	1470	1470	1470

Other Pictures:



