

### Basic contact information

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

#### Heat Pipe Solar Collector SC-HP(SC-H)

Heat Pipe Solar Collector SC-HP(SC-H), there is no water in the vacuum tube. Inside of the vacuum tube there is a red copper heat pipe. The end of the heat pipe is the condenser, and its diameter 14mm. The condenser makes a contribution to the heating of 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,red copper heat pipe, one-way transferring, fast heat transfer, less heat loss, low temperature resistance, it can be used in-35°C.
- 4,aluminum alloy manifold and bracket, corrosion resistance, easy to install. It is suitable for flat and sloping roof.

5,high temperature resistant polyurethane foaming/rock wool high density, good thermal insulation properties.

6,high quality copper manifold, its testing pressure is 1MPa.

7,Solar Keymark certification approved.

8,Eco and economical, improves the environment and save your fuel cost.

SC-HP(SC-H)

# Heat 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 heat pipe by the fin, after heat pipe absorbs heat, heat pipe end(evaporation section) vaporization, transfer to condenser, then circulation because of gravity, heating the water(medium) in the manifold.



**Other Pictures:**

