

### Basic contact information

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

#### Inlet And Outlet At The Bottom Of Manifold Solar Collector (SC-HD)

Just as the name says, the main feature of this product is the inlet and outlet are on the bottom of manifold; It looks more artistic than traditional manifold.

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,the inlet and outlet are on the bottom of manifold; it looks more artistic than traditional manifold.

6,good sealed in end of cover, it can provide higher insulation efficiency.

7,the advantage is that it can empty the medium(water or deicing fluid) in the manifold.

SC-HD

## Inlet And Outlet At The Bottom Of Manifold 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:**

