

Basic contact information

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If you are interested in our products, please contact us!**Metal Glass Heat Pipe Solar Collector (SC-HM)**

The vacuum tubes absorb solar radiation and transfer into heat, the metallic absorber plate will transfer heat to heat pipe, 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.

**Characteristic:**

1. Glass - metal seal type heat pipe vacuum tube, high temperature resistant, anti-freezing, vacuum insulation.
2. $\Phi 70$ mm vacuum tubes, metal absorber, large aperture area, high efficiency, high temperature, fast heat transfer.
3. Aluminum alloy manifold and bracket, surface oxidation or spray anti-corrosion treatment, corrosion resistance, light and easy to install.

- 4.Thick heat preservation layer, use high temperature resistant rock wool / glass wool, molding, high density, low coefficient of heat conductivity.
- 5.Pressure inner liner, corrosion resistance, high purity and high quality brass processing, its testing pressure is 1MPa.
- 6.Suitable for cold regions, hot water, heating, air conditioning and other solar energy heat collector application.

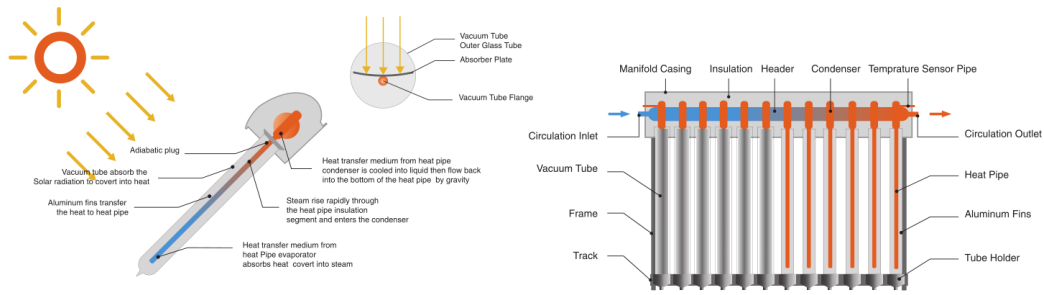
SC-HM

Metal GLass Heat Pipe Solar Collector

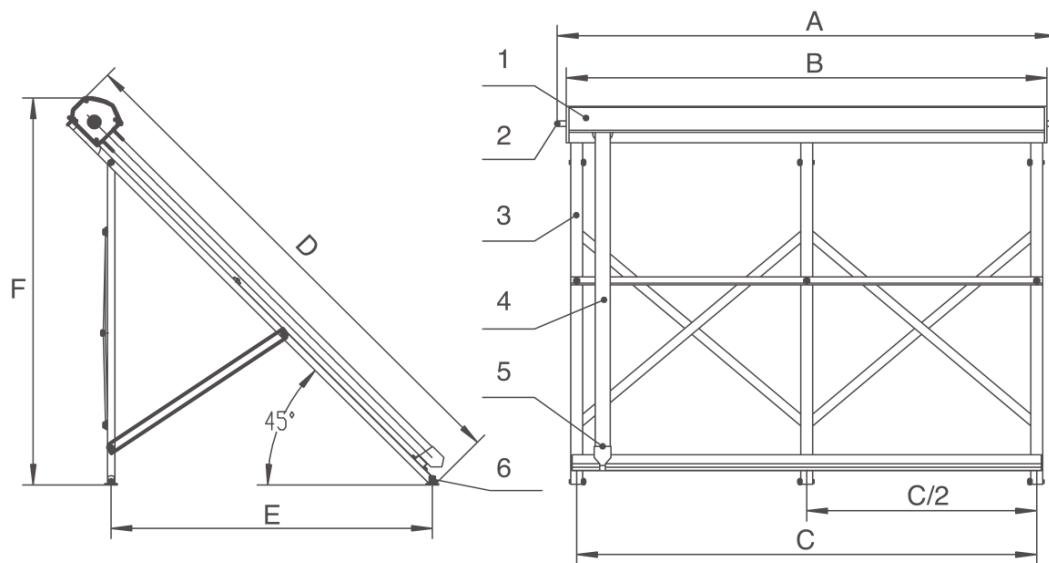


Working Principle:

The vacuum tubes absorb solar radiation and transfer into heat, the metallic absorber plate will transfer heat to heat pipe, 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.



Structure Drawing :



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

Technical Information:

