

### Solar collectors

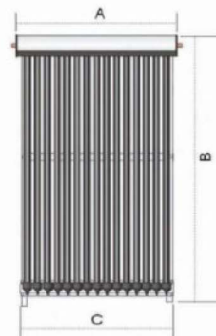
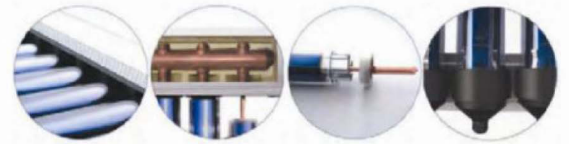
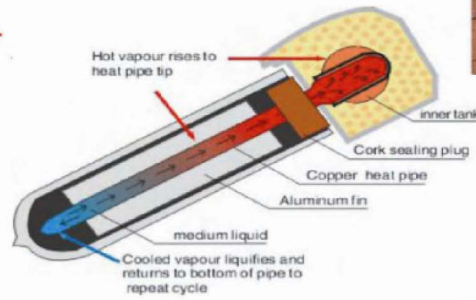
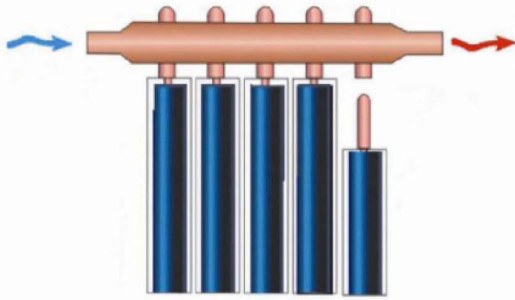
- ◆ Manifold (interior): red copper
- ◆ Manifold (exterior): aluminum alloy
- ◆ Glass tube dimensions: 58mm x 1.8m
- ◆ Daily efficiency: ≥55% (≥42% in winter)
- ◆ Hail resistance: 25mm
- ◆ max pressure: 12 bar
- ◆ Coating of vacuum tube: ALN/AIN-SS/CU
- ◆ Heat Pipe: anti-freezing > -35 °C
- ◆ Inlet/outlet: 2 2 mm (3/4")
- ◆ Heat Pipe: anti-freezing > -35 °C
- ◆ manifold casing: silver (AL original), Black

### Heat pipe collector

#### HCM Model

##### Feature:

- ◆ The pipeline is made of all the red copper and conducted By heat transfer medium liquid. Water can't flow in vacuum Tubes and operated when confined. The manifold uses Aluminum alloy mould material of high strength with Air flow design. It is furnished in good style.
- ◆ Can withstand high pressure when it works.
- ◆ Module design, arbitrary combination, which can meet the demand of large water consumption.



Models	vacuum tuber	Condenser $\Phi$ (mm)	Heat pipe	Whole pipe AL- fin	Thicker heat pipe	Adjust able frame	Capacity (Liter/Day /60°C)	Effective collector area M <sup>2</sup>	size(mm)				Qty (set)	
									A	B	C	D	20'ft	40'hq
HCM12-58/1800-02	$\Phi$ 58x1800*12Pc	$\Phi$ 14	• •	• • •	—	• •	100-120	1.55	1070	2010	1005	125	141	342
HCM15-58/1800-02	$\Phi$ 58x1800*15Pc	$\Phi$ 14	• •	• • •	—	• •	120-150	1.95	1295	2010	1230	125	121	295
HCM20-58/1800-02	$\Phi$ 58x1800*20Pc	$\Phi$ 14	• •	• • •	—	• •	170-200	2.60	1670	2010	1605	125	92	223
HCM30-58/1800-02	$\Phi$ 58x1800*30Pc	$\Phi$ 14	• •	• • •	—	• •	260-300	3.91	2420	2010	2355	125	67	166