

### Basic contact information

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

#### Non-Pressurized Solar Collector (SC-V)

It is a non-pressurized solar collector. Can be used for natural circulation system.

Designed for commercial buildings, Suitable for schools, dormitories, hotel, bath center and other public construction...

Other characteristics and information please see below.



#### Characteristic:

1. Unpressurized, can be used for natural circulation system, large collector area, easy to assemble and install.
2. Polyurethane insulation, high pressure foaming process, small heat conductivity coefficient, not easy to loss heat.
3. Designed for commercial buildings, Suitable for schools, dormitories, hotel, bath center and other public construction.

4.Can be used in large swimming pool heating, industrial hot water and other hot water system.

5.High efficient all glass vacuum tube, high collect thermal efficiency, high heat preservation efficiency.

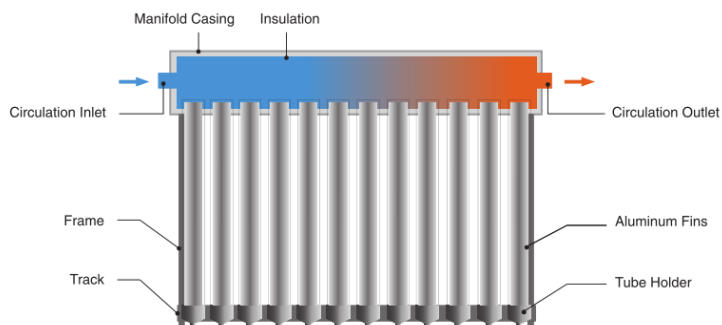
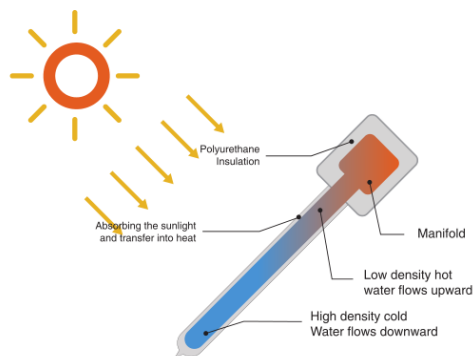
SC-V

## Non-Pressurized Solar Collector

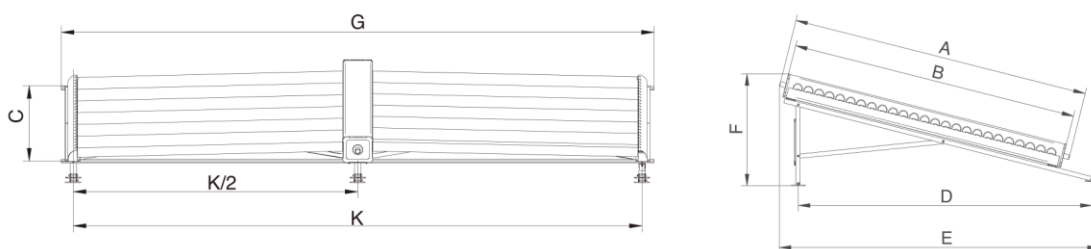


### **Working Principle:**

This model operates to feed water automatically. Using thermosiphon system- depending on the different density between hot water and cold water, a water flowing cycle is created in the tubes. Hot water flows automatically upwards while the cold water flows down. The water in the manifold will be heated from this natural circulation.



**Structure Drawing :**



**Technical Information:**

Model	SC-V-15	SC-V-20	SC-V-25	SC-V-30	SC-V-50	SC-V-60
Tube Quantity (pcs)	15	20	25	30	50	60
Tube Diameter/ Length (mm)	Φ58 / 1800					
Vacuum Tube Material	High Borosilicate Glass3.3					
Inner Tank Material	SUS304					
Insulation Material/ Thickness (mm)	Polyurethane / 40					
Collecting Area (m²)	1.4	1.9	2.4	2.9	4.8	5.8
Gross Area (m²)	2.36	3.12	3.86	4.62	7.72	8.24
Collector Net Weight (kg)	45.75	50.75	59.75	64.75	120.5	129.5
<b>Horizontal Installation Size</b>						
Angle	45°			15°		
A (mm)	1310	1685	2060	2435	2060	2435
B (mm)	1185	1560	1974	2349	1974	2349
C (mm)	1110	1485	1860	2335	1860	2335
C/2 (mm)	—	—	930	1168	—	—
D (mm)	2012	2012	2012	2012	2023	2360
E (mm)	1265	1265	1265	1265	2200	2550
F (mm)	1560	1560	1560	1560	770	860
G (mm)	—	—	—	—	3715	3715
H (mm)	—	—	—	—	3560	3560
H/2 (mm)	—	—	—	—	1780	1780

**Other Pictures:**

