

### Basic contact information

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

#### Pre-heated Solar Water Heater (SP-C)

Pre-heated Solar Water Heater belong to pressurized solar water heater.

It's main feature is the using of copper coil.

And what's the function? As the heat exchanger.

User do not use the water from the water tank directly. The cold water comes into the copper exchanger, being heated, then goes out from other side for use. And because the using of copper coil there is no risk for corrosion or scale deposit, suitable for inferiority water area.

Other characteristics and information, please see the details below.



#### Characteristic:

- 1,It takes the advantage of tap water's pressure.
- 2,Completely automatic operation.
- 3,The water can be heated rapidly.

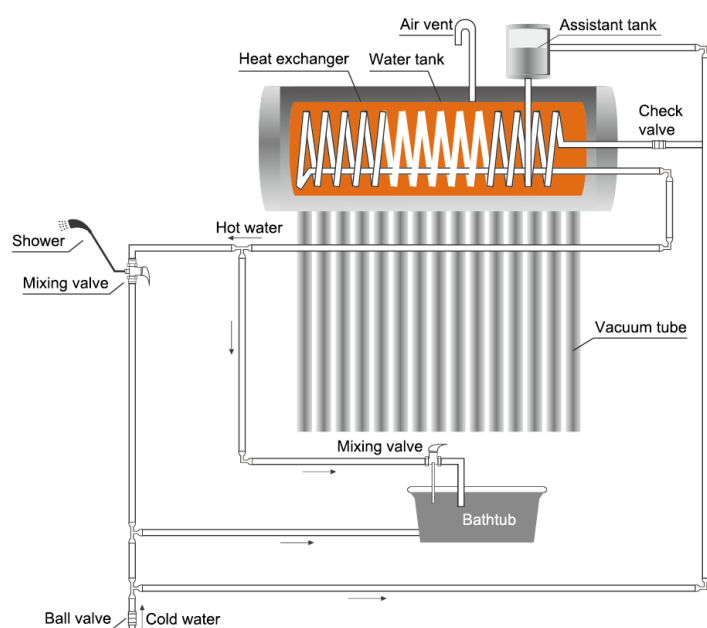
- 4, Use the copper coil as the heat exchanger, simply install and use.
- 5, No risk for corrosion or scale deposit, suitable for inferiority water area.
- 6, Easy to install for flat roof and pitched roof, auxiliary heating by electrical heater.
- 7, High pressure polyurethane foaming with thickness 55mm.



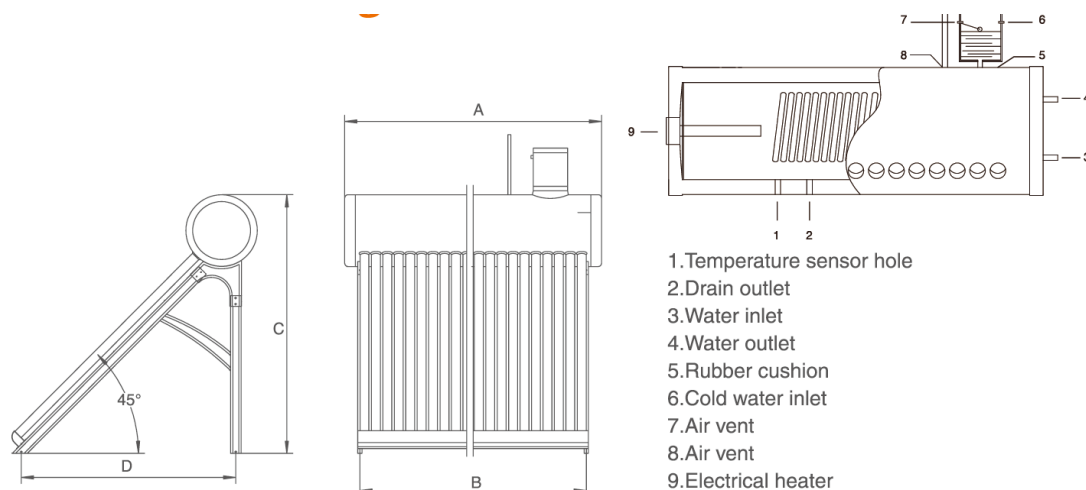
### Working Principle:

The vacuum tube absorbs the sunlight and turns it into the heat energy, heating the water in the tubes. Depending on the thermosiphon principle, the hot water from the tubes goes into water tank, while the cold water from the tank goes down to the tubes.

User do not use the water from the water tank directly. The cold water comes into the copper exchanger, being heated, then goes out from other side for use.



### Structure Drawing



### Technical Information:

Model	SP-C-15	SP-C-18	SP-C-20	SP-C-24	SP-C-25	SP-C-30
Tube Quantity (pcs)	15	18	20	24	25	30
<b>Water Tank</b>						
Net Capacity (L)	120	140	155	185	195	230
Gross Capacity (L)	155	185	205	245	255	305
Material Of Inner Tank (mm)	SUS304-2B / SUS316L					
Material Of Outer Tank	SUS304 / Color Steel Plate					
Material Of Insulation	Polyurethane					
<b>Heat-Transfer Coil</b>						
Coil Material	Copper / SUS304					
Coil Diameter (mm)	Φ12 / Φ20					
Heat Transfer Area (m <sup>2</sup> )	0.75/1.50	1.13/2.26	1.13/2.26	1.32/2.64	1.32/2.64	1.32/2.64
<b>Vacuum Tube</b>						
Diameter/Length (mm)	Φ58/Φ1800					
Material	High Borosilicate Glass3.3					
Frame	2 Feet ( Left-To-Right )			3 Feet ( Left-Middle-Right )		
Material	Galvanized Steel					
Angle	45°					
<b>Item Size</b>						
A (mm)	1310	1535	1685	1985	2060	2435
B (mm)	1110	1335	1485	1785	1860	2235
C (mm)	1700	1700	1700	1700	1700	1700
C/2 (mm)	—	—	—	892.5	930	1255
D (mm)	1430	1430	1430	1430	1430	1430

### Other Pictures:



