

### Basic contact information

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

#### Non-pressurized Solar Water Heater (SD-S)

It is a non-pressurized solar water heater. Using thermosiphon system, depending on the different density between solar 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 storage tank will be heated from this natural circulation.

Other information please see below.



#### Characteristic:

- 1, With intelligent controller.
- 2, Easy to install for flat roof and pitched roof, auxiliary heating by electrical heater.
- 3, High pressure polyurethane foaming with thickness 55mm.
- 4, Stable and reliable performance, well wind resistance.
- 5, SUS304-2B inner tank, silicon seals.
- 6, SUS304-2B/BA outer tank, against rust and corrosion.

7, Eco and economical, improves the environment and save your fuel cost.

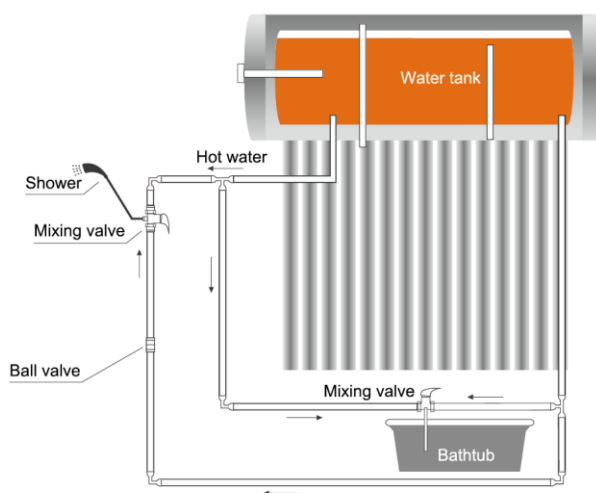
## SD-S(SD-G) Non-pressurized Solar Water Heater



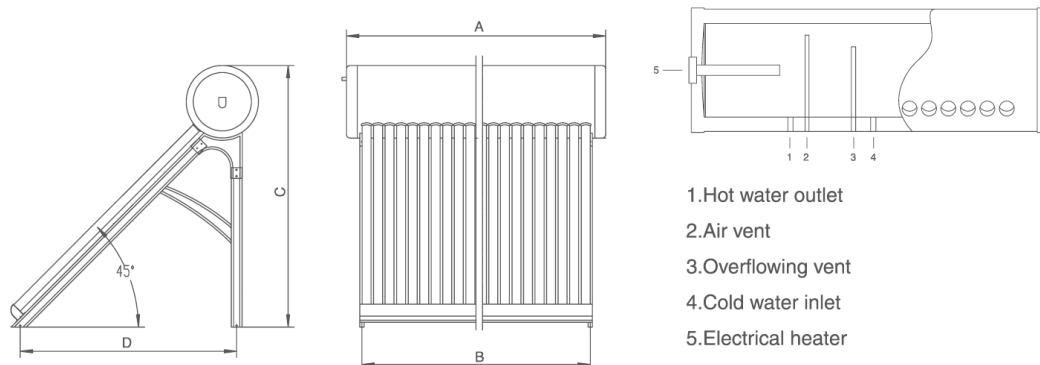
### Working Principle:

This model operates to feed water automatically.

Using thermosiphon system, depending on the different density between solar 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 storage tank will be heated from this natural circulation.



**Structure Drawing:**



**Technical Information:**

Model	SD-S-10 (SD-G-10)	SD-S-15 (SD-G-15)	SD-S-18 (SD-G-18)	SD-S-20 (SD-G-20)	SD-S-24 (SD-G-24)	SD-S-25 (SD-G-25)	SD-S-30 (SD-G-30)
Tube Quantity (pcs)	10	15	18	20	24	25	30
<b>Water Tank</b>							
Net Capacity (L)	80	120	140	155	185	195	230
Gross Capacity (L)	105	155	185	205	245	255	305
Diameter Of Inner/Outer Tank (mm)	Φ360 / Φ470						
Length Of Outer Tank L (mm)	935	1310	1535	1685	1985	2060	2435
Length Of Inner Tank L (mm)	795	1170	1395	1545	1845	1920	2295
Material Of Inner Tank (mm)	SUS304-2B / SUS316L						
Material Of Outer Tank	Stainless Steel Plate / Color Steel Plate						
Material Of Insulation	Polyurethane						
<b>Vacuum Tube</b>							
Diameter/Length(mm)	Φ58 / 1800						
Material	High Borosilicate Glass3.3						
Frame	2 Feets ( Left-To-Right )				3 Feets ( Left-Middle-Right )		
Material	Stainless Steel / Galvanized Steel						
Angle	45°						
<b>Item Size</b>							
A (mm)	935	1310	1535	1685	1985	2060	2435
B (mm)	730	1110	1335	1485	1785	1860	2235
C (mm)	1700	1700	1700	1700	1700	1700	1700
C/2 (mm)	—	—	—	—	892.5	930	1255
D (mm)	1430	1430	1430	1430	1430	1430	1430

**Other Pictures:**



