

### Basic contact information

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

#### Split Flat Plate Solar Water Heater (SS-F)

Split flat plate solar water heater(SS-F) is consist of four parts. Flat plate(solar collector), water tank, work station, expansion tank. It's advantage is the flat plate(solar collector) and water tank can be placed separately, easy to install, easy for building integration...

Other characteristics and working principle please see below.



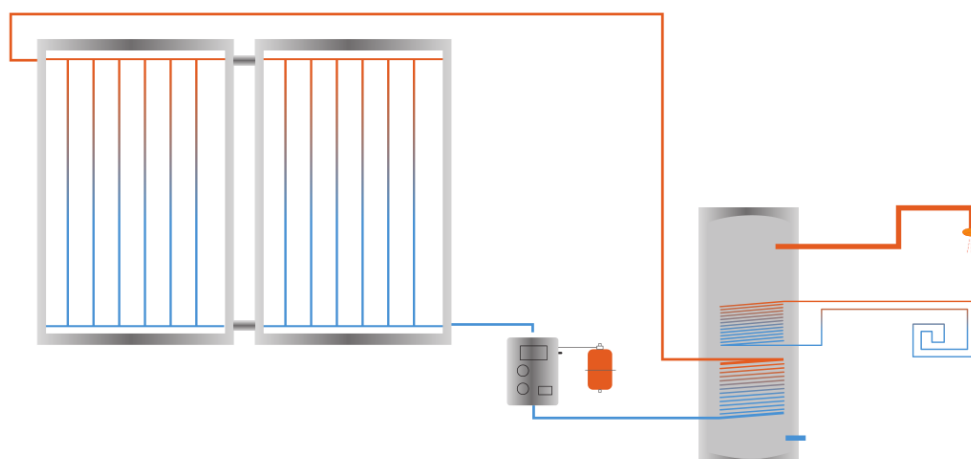
#### Characteristic:

- 1.The solar collector and water tank can be placed separately, easy to install, easy for building integration.
- 2.The water tank is indirect tank with copper coil exchangers, completely solve the problem of collector in freezing and harsh water area.
- 3.Copper coil exchangers can realize the cycle for solar energy and the cycle for electric heater or gas for supplementary energy.
- 4.Reliable electric back-up with protection against dry heating and thermal cut-out.

5. With high quality flat solar collector and stainless steel water tank for long service life.
6. Totally copper flow channels achieve low defect rate and easy maintenance, long service life.

**Working Principle:**

The SS-F series, in streamline closed circuit systems which are recommended for frost prone and poor water quality situations. Antifreeze fluid is used to circulation through the collectors. The heat collected from the panels is transferred from the fluid pipes to the water tank by a heat exchanger. The circulator is regulated by a control unit on the water heater. This ensures the optimum use of the sun's free energy. Copper coils exchanger can realize the cycle for solar energy and the cycle for electric heater or gas for supplementary energy to ensure you always have hot water on tap at any weather.



**Technical Information:**

Model	SS-F-150	SS-F-200	SS-F-250	SS-F-300	SS-F-400	SS-F-500
Tank Volume (L)	150	200	250	300	450	500
Panel Qty (pcs)	1	1	2	2	2	3
Work Station	SR961S					
Expansion Tank	12L		18L		24L	
Recommend Flow	1.0~2.0L/min	1.2~2.5L/min	1.5~3.0L/min	3.0~5.0L/min	4.0~7.0L/min	5.0~8.0L/min
Rated Pressure	0.6MPa					

**Other Pictures:**



