



Introduce

Flat split solar water heater is an active system. It uses a circulating pump and a solar controller to circulate the fluid between heat pipe solar collector and pressurized water tank. Tank and solar collector are separate, solar collector could be installed on the roof or somewhere sunshine could shine on, while tank, pump, controller could be installed anywhere of the building. The piping between the main components is twin way pre-insulated solar hose. A no coil system suits for climate where there is no risk of freezing. An Open Loop Water Heating System provides many advantages, it is the simplest and the most typically and the least expensive active system. There is no heat exchanger, which allows heat to be transferred to the water directly and efficiently. The system operates at standard line pressure. The system integrates easily with existing systems.

Main components

- 1) Flat plate Solar collector
- 2) Solar Workstation including:
 - a.Circulation pump,
 - b.Check valve,
 - c.Intelligent solar controller with sensors
 - d.rass connector
- 3) Solar pressurized tank (with two coils) from 100L to 500L

The characteristics:

1. No disorder water tank on your roof

Flat split solar hot water heating is using a high efficiency solar collector on your roof and a high pressurized storage tank in the house. Integrated in to the roof of the building perfectly.

2. Pressure hot water, comfort bathing

It applies pressure bearing design, & in case of switch-on, it shall have pressure hot water immediately with strong water outgoing, large water quantity & flow.

3. Collector part module for freely assembly

Modulus collector component constituted by high temperature special effect pipe, & can be freely assembled as per requirements.

4. Intelligent control with complete function Control system of integration & intelligentization: convenient & quick;

5. Diversification of installation position, perfect combination with building

Heat collector shall be suitable for multi building style with diversification of installation position.

6. Separate type installation; simple & convenient.

Heat collector shall be separated with water storage tank, & water tank position shall have no limit. Standard modularization for fast assembly: easy & quick.

7. Use with cooperation of auxiliary energy resource

Auxiliary energy resource interface shall be reserved so as to achieve full day hot water supply with combination of electric energy, fuel oil & gas boiler.

Specification: