

## split pressurized system

### ■ ITM-MP



Argos split pressurized solar water heater is speciall designed for the villa.

The split means that the collector separates from water storage tank. Collector maybe installed either on the roof or wall while water tank may be installed at any place in a villa flexible. Collector harmonizes with villa's outlook and maintains villa's outlook beauty.

### **Working Principle:**

The collector absorbs solar energy and transmits it to the water tank through circulation. When the temperature of the collector reaches the set value, the controller starts the circulation pump automatically

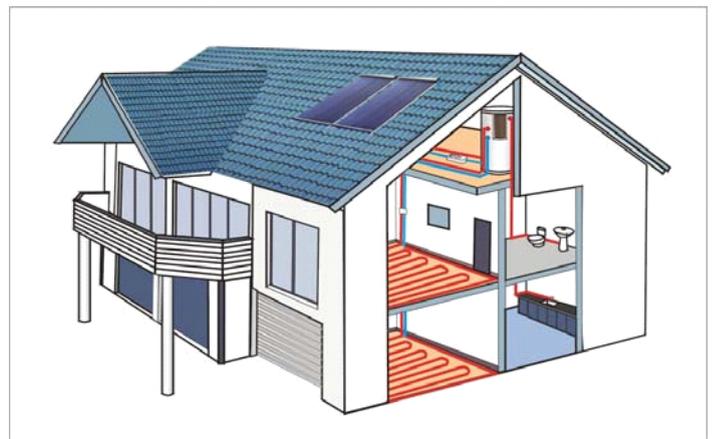
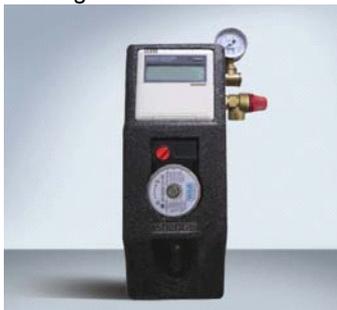
collector



Pressurized tank



working station



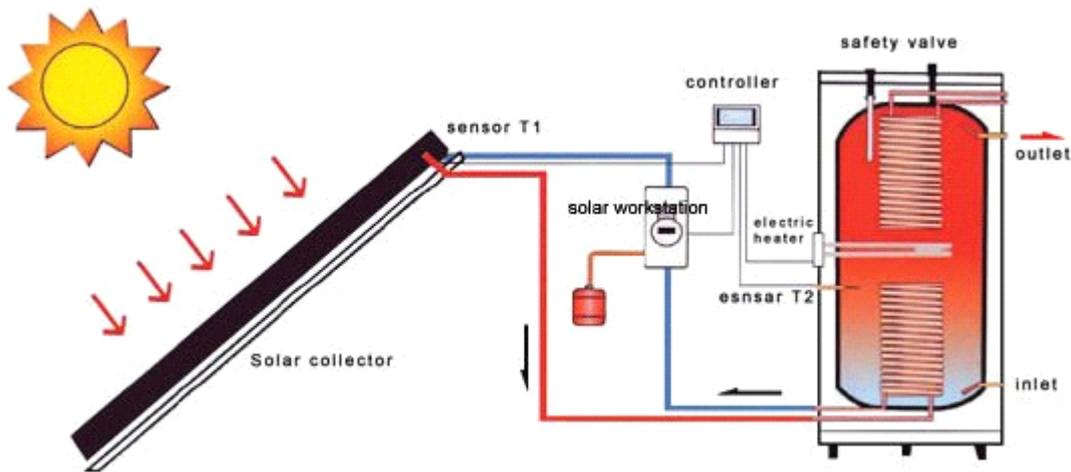
### **Feature:**

- ◆ Module design, arbitrary combination, harmony with the building perfectly ;
- ◆ Intelligent control and automatic operation
- ◆ Anti-freeze: Using the anti-freezing liquid as the medium and the controller has the anti-freezing function
- ◆ multifunction: bathing, washing, domestic heating etc ;
- ◆ Work at anytime and enjoyable



### Specifications:

- ◆ The whole system is mainly combined by pressurized collector, pressurized storage tank, solar working stations, controller.
- ◆ Pressure: 6 Bar
- ◆ Daily efficiency:  $\geq 55\%$  ( $\geq 42\%$  in winter)
- ◆ Heat preservation: 72h - 80h
- ◆ Electric heater: 1.5Kw-3Kw
- ◆ Heat Pipe: anti-freezing  $> -35^{\circ}\text{C}$



### ITM-MP Technical Data

Model Name	Collector Model	Collector	Absorber Area	Tank Capacity	Person	Loading 20'/40'
<b>ITM-MP-58-1.8-18</b>	Φ58mm*1800mm*18	1 Pc	2.57M <sup>2</sup>	<b>150L</b>	1~3	32/66
<b>ITM-MP -58-1.8-24</b>	Φ58mm*1800mm*24	1 Pc	3.06M <sup>2</sup>	<b>200L</b>	1~3	26/53
<b>ITM-MP -58-1.8-30</b>	Φ58mm*1800mm*30	2 Pc	3.84 M <sup>2</sup>	<b>250L</b>	2~5	22/41
<b>ITM-MP -58-1.8-36</b>	Φ58mm*1800mm*36	2 Pc	4.59M <sup>2</sup>	<b>300L</b>	2~5	18/37
<b>ITM-MP -58-1.8-60</b>	Φ58mm*1800mm*60	2 Pc	7.71 M <sup>2</sup>	<b>500L</b>	3~7	13/27