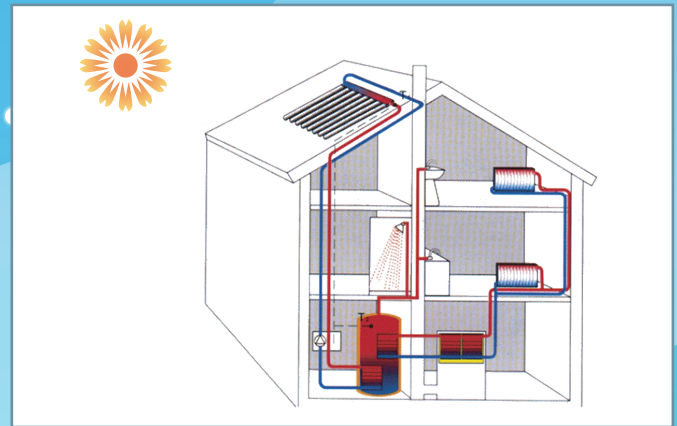
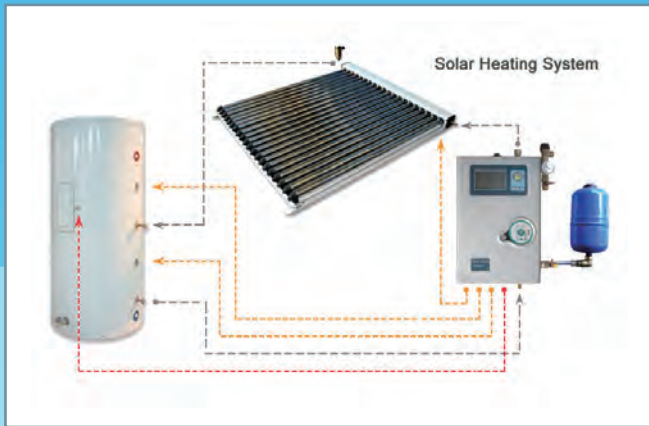


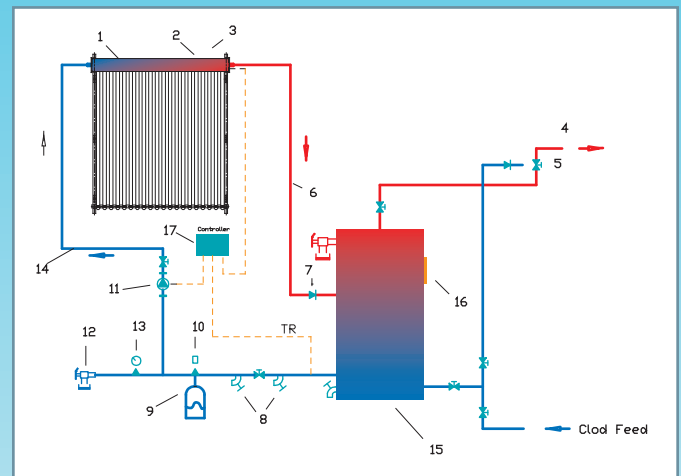
Solar Heating System



Active Open Loop System

Open Loop System is designed for climates where there is no risk of freezing. Recirculation freeze protection can be provided by the recirculation feature in the controller. An Open Loop Water Heating System provides many advantages. It is the simplest and the most typically reasonable active system to install. There is no heat exchanger, which allows efficient heat transfer to the water directly. The system operates at standard line pressure. It is easy to add capacity to the system if demand changes. The system can be integrated easily with existing systems.

1. Collector
2. Collector Sensor
3. Manual Air Valve
4. Hot Water to Taps
5. Tempering Valve
6. Collector Return
7. Check Valve
8. Hose Bibs For Filling And Flushing
9. Expansion Vessel
10. Air Scoop & Air Vent
11. Circulating Pump
12. Pressure Relief Valve
13. Pressure Meter
14. Collector Supply
15. Pressurized Tank
16. Immersion Heater
17. Controller



Active Closed Loop System

Closed Loop Solar Heating Systems are suitable for both single and multiple solar heating application systems, such as domestic solar water heating, solar water heating hot tub, solar swimming pool heating or solar space heating systems. The Closed Loop Solar Systems are suitable for areas with questionable water and all climate conditions. The Closed Loop Solar Heating Systems are better choice for extremely cold areas.

1. Collector
2. Collector Sensor
3. Manual Air Valve
4. Hot Water to Taps
5. Tempering Valve
6. Collector Return
7. Check Valve
8. Hose Bibs For Filling And Flushing
9. Expansion Vessel
10. Air Scoop & Air Vent
11. Circulating Pump
12. Pressure Relief Valve
13. Pressure Meter
14. Collector Supply
15. Heat Exchange Coil
16. Pressurized Tank
17. Immersion Heater
18. Controller

