

Basic Solar installation

Description

Solar Thermal Flat Plate Collectors or Evacuated Tube Solar Thermal Collectors provide heat to a twin-coil hot water cylinder.

The existing boiler provides backup heat for when there is insufficient solar gain.

An immersion heater on a timer provides weekly high temperature sterilisation to prevent legionella.

Components

- IH Immersion Heater
- CP Circulating Pump
- CA Heat Pump Controller
- S1 Temp Sensor
- IT Immersion Timer
- P1 Heating Controls
- T Temp Gauge
- P Pressure Gauge
- SC Solar Controller
- SoP Solar Panel or Tubes
- SA Solar Pump Station and Safety Assembly incl
 1. Isolation Valves
 2. Temp Gauges x2
 3. Non Return Valve
 4. Pump
 5. Flow Setter
 6. Pressure relief valve
 7. Solar Expansion Vessel
 8. Fluid Catch Container

