Prepared by X JI

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

CA

ΙH **Immersion Heater**

CP Circulating Pump

Heat Pump Controller

S1 Temp Sensor

IT **Immersion Timer** P1

Heating Controls

Temp Gauge Ρ Pressure Gauge

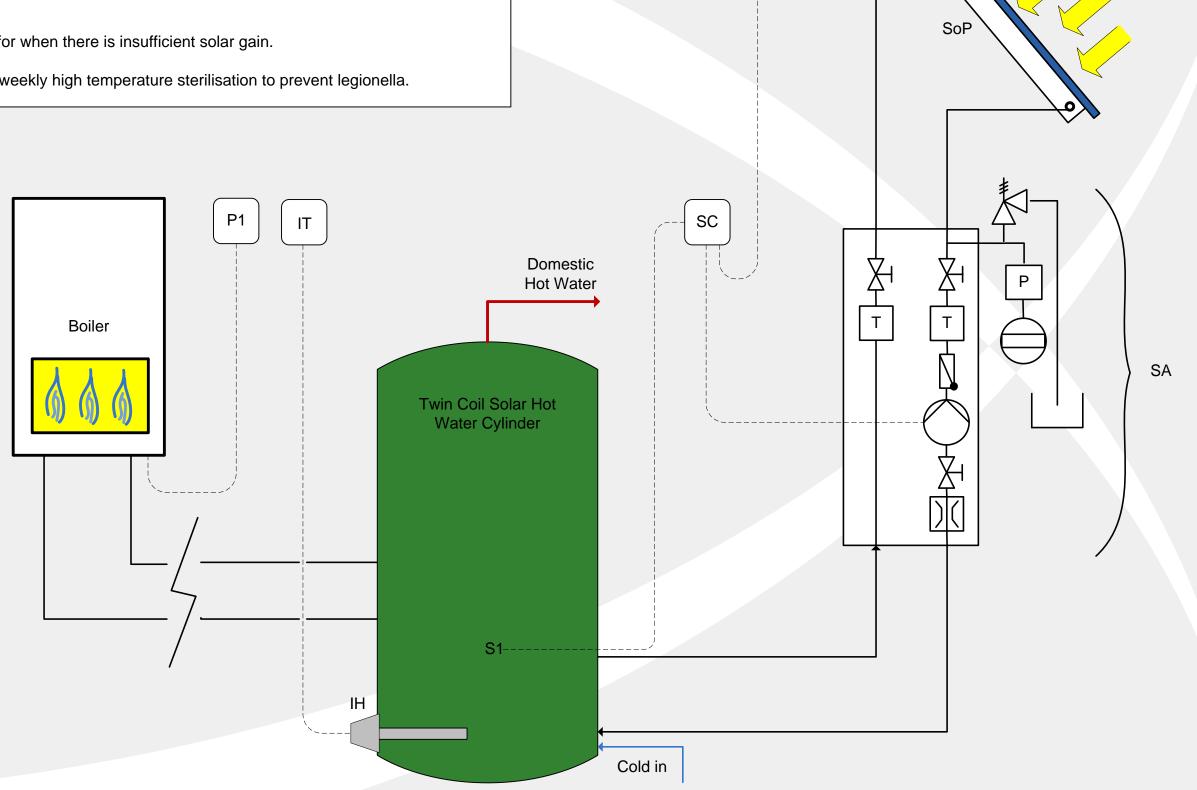
SC Solar Controller

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



Air Source Heat Pump General Enquiry Tel: 08444 930099 Email: info@ecoairpump.co.uk