

East/West Solar installation

Description

If a South facing aspect is not available, an East West Solar Thermal installation is a good alternative.

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
- V1 Three Way Valve

