

# SureCal Calorifier Connection Instructions

## Connection Instructions

First, select a suitable location for your new Surecal calorifier. Place the calorifier in position and secure down using it's four fixing feet.

The calorifier is fitted with a temperature mixing valve (1). To set the valve turn anti clockwise to the maximum, this will give a maximum water temperature of 65°C. When the knob is fully closed i.e clockwise it is set to 30°C.

The hot out, cold in, optional second coil and PRV are made for 15mm push fit plastic plumbing, Hep20 or speed fit. Hot out must be at 12 o'clock (ie at the highest point) and cold in at 6 o'clock (the lowest point).

Push on your plastic plumbing or compression fitting to the mixer valve (1) for your hot water supply. Push on your cold feed to the lowest fitting (2) to supply pump pressure cold water to the calorifier.

Engine connections, to the coil (3) - Use heater hose from the engine and pass over the barbed fittings and fix with jubilee clips.

Pipe the outlet of the pressure release valve to the bilges (4). The pressure release valve can be used as a drain by holding open.

Immersion heater(5) instructions contained on 'Immersion Connection Instructions' sheet.

An expansion bottle should be fitted on the hot supply between the thermostatic mixer and first take off (i.e. Taps) This will relieve the increased pressure caused by hot water expansion.

Only competent individuals should attempt to install the calorifier, incorrect installation will void warranty and no liability shall be taken by Surejust Ltd.

When deciding on the position of installation, care must be taken to ensure access can be obtained for future servicing and/or removal.

Whilst the insulation used for SureCal calorifiers ensures exceptional heat retention, the exterior can be easily scratched, it is recommended that the calorifier is positioned such that minimal contact with other equipment is ensured, in addition, the calorifier should not be positioned in contact with equipment that can reach a high operating temperature.

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