

**Important**

The Robofil and Ecofil filling loops **MUST** be installed in accordance with the requirements of the Water Regulations Guide - 1999, Schedule 2, Section 8, Paragraph 24.

Installation Instructions

- 1 The filling loop must be installed in close proximity to the boiler.
- 2 The **isolation valve (1) MUST** be connected to the **boiler central heating return pipe** in an accessible location.
- 3 The combined **double check valve (3) and isolating valve (4) MUST** be connected to the **mains cold water supply pipe** in an accessible location.
- 4 The pressure reducing valve (PRV) (2) is set at 3.0 bar to allow prolonged filling.
- 5 Ensure that the distance between the isolating valve (1) and pressure reducing valve (2) does not exceed the length of the flexible hose.
- 6 Ensure the direction arrow on the side of the valves (1) and (3) are pointing in the same direction and indicate the direction of flow from the mains cold water to the boiler.
- 7 Connect the flexible hose between valves (1) and (2).

Filling the System

- 1 Ensure all joints are water tight.
- 2 Follow the instructions supplied with the boiler for filling the heating system, open valves (1) & (4).
- 3 The pressure reducing valve prevents over pressurisation of the system and limits the mains pressure to 3.0 bar. By regulating the PRV this pressure be adjusted to suit site conditions.
- 4 Once filling and pressurisation have been completed, close the ball valves (1) and (4) and **REMOVE** the **FLEXIBLE HOSE**.

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