

**Important**

The ALT-ST0035 filling loop **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 may be installed away from the boiler due to the pressure gauge, although ideally close to it.
- 2 The **isolation valve (2) with 4 bar pressure gauge (1) MUST** be connected to the **boiler central heating return pipe** in an accessible location.
- 3 The **double check valve with integral isolating valve (3) MUST** be connected to the **mains cold water supply pipe** in an accessible location.
- 4 The orientation of the pressure gauge (1) should allow the cold water supply pressure to be read easily during filling.
- 5 Ensure that the distance between the isolating valve (2) and double check valve (4) does not exceed the length of the flexible hose.
- 6 Ensure the direction arrow on the side of the valve (4) is pointing in the same direction and indicates the direction of flow from the mains cold water to the boiler.
- 7 Connect the flexible hose (3) between valves (2) and (4).

**Filling the System**

- 1 Ensure all joints are water tight.
- 2 Follow the instructions supplied with the boiler for filling the heating system, open valve (4).
- 3 Use valve (2) as a regulating valve by partially opening slowly, whilst reading the pressure on gauge (1) until the required pressure has been achieved approximately between 1 and 1.5 bar.
- 4 Once filling and pressurisation have been completed, close the ball valves (2) and (4) and **REMOVE the FLEXIBLE HOSE (3)**.
- 5 The pressure gauge (1) will continue to measure the pressure within the boiler heating circuit even when the flexible hose has been removed.

In this procedure document we have endeavoured to make the information as accurate as possible.

We cannot accept any responsibility should it be found that in any respect the information is inaccurate or incomplete or becomes so as a result of further developments or otherwise.

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