

## INSTALLATION & MAINTENANCE INSTRUCTIONS ROBOFIL - 300600



### 1) INTRODUCTION

The Robofil is installed as temporary connection to fill sealed heating systems.

The Robofil Kit comprises:

- a) One double check valve (15 mm)
- b) One 400 mm flexible hose with compression fittings and “O” ring seals (Do not overtighten for ease of connection and removal)
- c) One shut off valve (15 mm).

### 2) FITTING THE ROBOFIL

The Robofil must be installed close to the boiler with the double check valve connected to the mains water supply, and the shut off valve to the heating system pipe.

Check that the direction is as indicated by the arrow on the two valves.

### 3) TECHNICAL SPECIFICATION

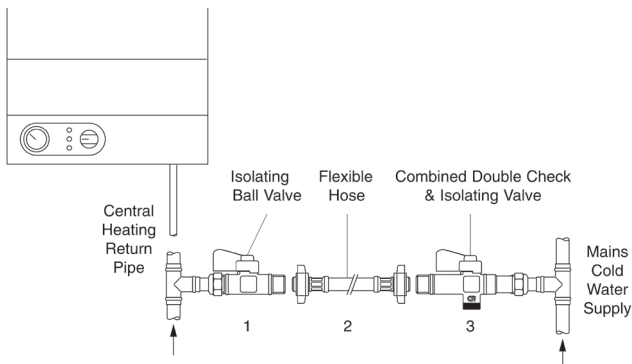
Max. Working Pressure	10 Bar
Max. Working Temperature	95 °C
Flexible hose length	400 mm

### 4) APPROVALS

WRAS Approved – Details Available on Request

**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.

## 5) INSTALLATION INSTRUCTIONS



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

## 6) FILLING THE SYSTEM

1. Ensure all joints are watertight.
2. Follow the instructions supplied with the boiler for filling the heating system, open valves (1) and (3).
3. Care should be taken not to over pressurise the heating system. As the pressure begins to rise the isolation valve should be used as a regulator to control the rate of pressure increase until the specified pressure has been achieved.
4. Once filling and pressurisation have been completed, close both valves and **REMOVE** the FLEXIBLE HOSE.

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