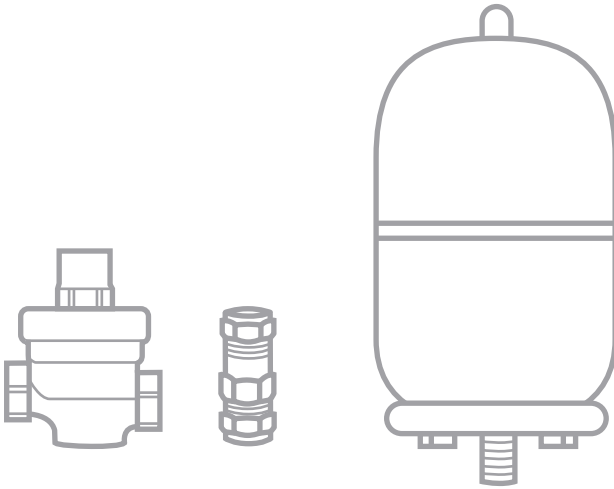




Product Instruction Manual



SF4

Pressure reducing kit

Thank you for purchasing the SF4 pressure reducing kit. Please read and understand these instructions before commencing installation, and leave them with the user when installation is complete.

1. Contents

This kit contains:

- 1 expansion vessel
- 1 check (one way) valve
- 1 pressure reducing valve

2. Compatibility

To be used in conjunction with Hyco 5L, 10L and 15L unvented (mains pressure) water heaters.

3. When this kit is required

This kit is required if there is a risk that mains incoming water pressure may exceed 4.2 bar. Please note water pressure fluctuates from place to place and from time to time. It is usually highest at night when demand is lowest.

If the incoming water pressure is too high and this pressure reducing kit is not fitted, the pressure relief valve (supplied with the heater) might open and discharge water constantly. This is a clear indication that a pressure reducing kit is required.

The pressure reducing valve must be fitted so that water flows in the direction of the arrow. The valve works by reducing the pressure at the outlet side to a maximum of 3 bar, regardless of the pressure on the inlet side.

The expansion vessel must be fitted downstream of the pressure reducing valve and is necessary to accommodate the expansion of water as it is heated, as the pressure reducing valve prevents the usual expansion through the pipework.

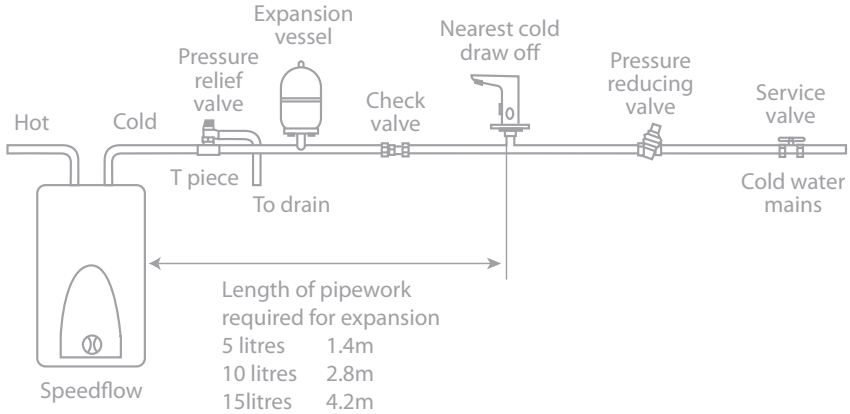
The check valve should be fitted in the position indicated to ensure expanded warm water does not enter the general water supply.

4. Installation

- Install as shown below:



ALWAYS FIT THE PRESSURE RELIEF VALVE SUPPLIED WITH THE HEATER
(NOT THIS KIT)



5. Specifications

Expansion vessel

Height	225mm
Width	120mm
Depth	120mm
Weight	1.0kg
Pre-set pressure	3.5 bar

Pressure reducing valve

Height	73mm
Width	64mm
Depth	46mm
Weight	0.3kg
Pre-set pressure	3.0 bar

Check valve

Height	65mm
Width	25mm
Depth	25mm
Weight	0.1kg

6. Guarantee and service policy

This product is guaranteed against faulty materials and manufacture for a period of one year from the date of purchase. Hyco will in its sole discretion replace, repair or refund any faulty unit. Incorrect installation and failure to follow correct operating instructions are excluded. Consequential costs such as labour charges or damage to surroundings are expressly excluded.

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