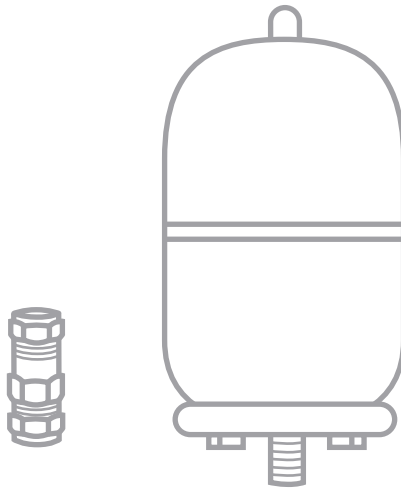




## Product Instruction Manual



**SF3**

Expansion vessel kit

Thank you for purchasing the SF3 expansion vessel 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

## 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 either of the following conditions applies:

### **Presence of device preventing reverse flow**

If a one-way device is fitted that prevents hot water expansion, the pressure relief valve would operate routinely on the heating cycle. This is not permissible under Water Regulations. Note that pressure reducing valves, water meters and similar devices are usually one-way and would block expansion.

### **Cold water off-take too close to the heater**

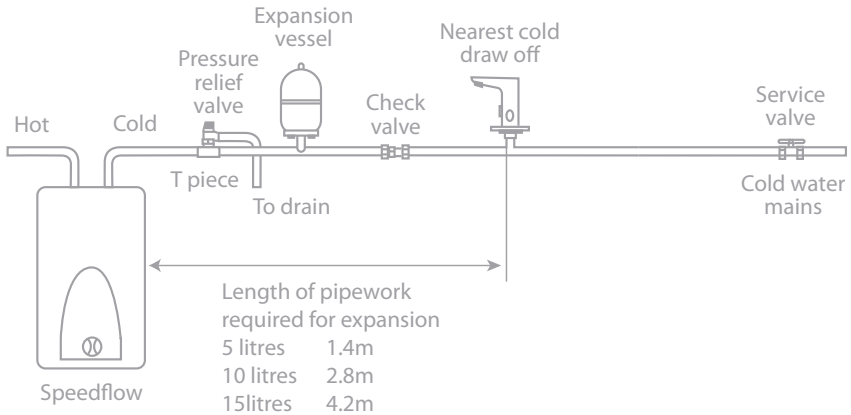
It is a requirement that expanded hot water does not mix with drinking water supplies. If there is a cold water off-take very close to the heater there is a risk that the hot and cold water supplies would mix. The minimum distance required between the heater and the nearest cold water off-take is 1.4m for the 5L, 2.8m for the 10L and 4.2m for the 15L model.

## 4. Installation

- Install as shown below:



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



## 5. Specifications

### Expansion vessel

<b>Height</b>	225mm
<b>Width</b>	120mm
<b>Depth</b>	120mm
<b>Weight</b>	1.0kg
<b>Pre-set pressure</b>	3.5 bar

### Check valve

<b>Height</b>	65mm
<b>Width</b>	25mm
<b>Depth</b>	25mm
<b>Weight</b>	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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