

**HYCO**  
*Manufacturing Ltd*

HycO Manufacturing Ltd  
California Place  
California Drive, Whitwood  
Castleford  
West Yorkshire  
WF10 5QH

Tel: 01977 517555 Fax: 01977 517666  
Web: [www.hyco.co.uk](http://www.hyco.co.uk)  
E-mail: [sales@hyco.co.uk](mailto:sales@hyco.co.uk)

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# Expansion vessel kit SF1/3

## Instruction Manual

# Expansion vessel kit

## A. CONTENTS

This kit contains:

- 1 expansion vessel (0.5L for SF1, 2.0L for SF3)
- 1 check (one-way) valve

## B. COMPATIBILITY

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

## C. WHEN THIS KIT IS REQUIRED

This kit is required if either of the following conditions applies:

1. 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.

2. Cold water off-take too close to the heater

It is a requirement that expanded heated 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 2.8m for the 10L and 4.2m for the 15L model.

## D. INSTALLATION

Install as shown below:

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

