

# Check Valves

## Features

- Maximum inlet pressure: 10 bar
- Maximum continuous temperature 85 °C
- WRAS-approved backflow prevention device (a double check valve conforming to BS EN 13959 suitable for protection against a fluid category 3 risk)
- Temporary connecting pipe (removable flexible hose)
- Service valve (2 isolating ball valves)

## RS PRO Filling Loop

RS Stock No: 242-2842



RS PRO Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

# Check Valves

## Product Description

Use this RS PRO filling loop to connect to your water feed during filling and pressurising of domestic central heating system. During application, they must be installed between the mains cold water supply inlet and the central heating return pipe in the boiler, also used to fill and pressurise the secondary heating system of Heat Interface Units (HIUs).

## General Specifications

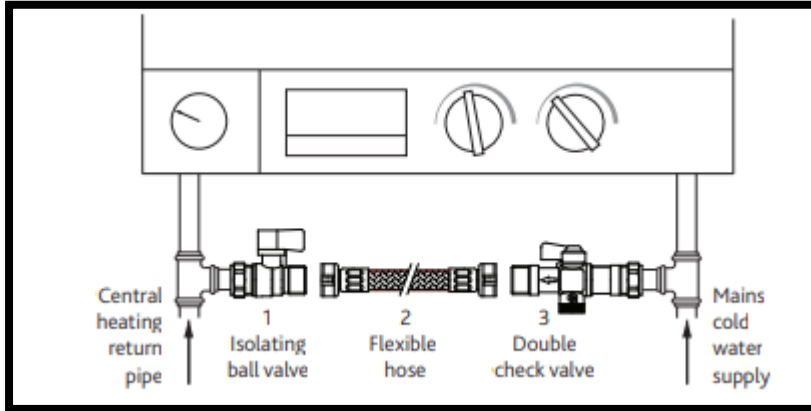
Maximum inlet pressure	10 bar
Maximum continuous temperature	85 °C
Component Part 1	Ball Valve
Component Part 2	Flexible braided hose
Component Part 3	Double check valve with integral isolation valve

## Approvals

WRAS-approved	BS EN 13959
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# Check Valves

## Installation



### Installation Instructions

The filling loops **MUST** be installed in accordance with the requirements of the Water Regulations Guide - 1999, Schedule 2, Section 8, Paragraph 24.

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

### Filling the System

- 1 Ensure all joints are water tight.
- 2 Follow the instructions supplied with the boiler - 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 ball valve (1) 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 the valves (1) and (3) and **REMOVE** the **FLEXIBLE HOSE (2)**.