



Flexcon
connectiongroup
1"

ENG

1. General

Application

The Flexcon connection group 1" is a valve that is locked (in the open position) with a fill and drain valve.

The Flexcon connection group 1" is used to drain and/or top up the system and to shut off an expansion vessel in heating and cooling installations. Recommended: mount the connecting group directly on to the expansion vessel **(1.0)**. This makes it possible to check the pre-pressure of the expansion vessel. The vessel can also be replaced without depressurising or draining the installation.

Min./max. system pressure: 0/10 bar.

Min./max. system temperature: -10 °C/120 °C.

Safety

Install the connecting group in a frost-free location at a point that is easily accessible for maintenance.

Also read the mounting and operating manual for the expansion vessel.

2. Installation



Place sealing tape on connection **(A)** and the connection of the expansion pipe **(2.0)**.

Commissioning

Allow only qualified staff to perform the installation.

Comply with the local regulations and guidelines.

Disconnecting the expansion vessel from the system

If the vessel is to be closed off by the connecting group, the installation should be switched off.

2.1 Connect the hose with the G 3/4" screwed connection to the fill/drain opening. Provide for proper discharge **(2.1)**.

2.2 Remove the cotter pin and sleeve **(2.2)**.

2.3 Turn the spindle 90° using the hexagon ends, with the notch on the head facing towards drain connection **(B)**, **(2.3)**.

2.4 Open the fill/drain valve by turning the handle to the left **(2.4)**.

2.5 Check the vessel for the correct/corresponding gas pre-pressure. If the gas pre-pressure is correct, go to 2.7.

2.6 When replacing the vessel, check the vessel for the correct/corresponding gas pre-pressure. If necessary, correct the pre-pressure.

2.7 Connect the hose to the water tap. When filling, the water pressure pre-sent should be at least 0.5 bar more than the required filling pressure.

2.8 Shut the fill/drain valve by turning it to the right and loosen the hose.

2.9 Open the locking valve (turn back the spindle 90°, with the notch in the head facing towards the expansion pipe).

2.10 Replace the sleeve and cotter pin for mandatory locking required by law **(2.10)**.

Instructions for the installer:

Slowly fill the installation up to the filling pressure via the expansion vessel. For the correct filling pressure, see the calculation program at www.flamcogroup.com/vesselsizing when filling/bleeding.

When draining system only

Follow steps 2.1, 2.4 and 2.8.

When topping up system only

Follow steps 2.1, 2.7 and 2.8.

3. Maintenance and service

Recommended: regularly perform visual inspections.

4. Disassembly



Depressurise the system completely. There is a risk of scalding! Hot water may flow out of the system. Remove the product.

Environment

Observe local legislation when disposing of the product.

See also www.flamcogroup.com.



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