



Installation & Operating Manual



Brass Double Check Valves



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1. Introduction

- The CORE range of brass double check valves can be used in pipework systems to prevent backflow and protect water supplies from contamination.
- The CORE range of brass double check valves have been classified in accordance with PED 2014/68/EU.

2. Technical Data

Valve Type	Size Range	Connection Type	Temperature Rating	Pressure Rating (Max)
CORE 4426	DN 10 – DN 50	ISO 228/1	-10°C – 85°C	16 Bar

3. Valve Features

- CORE 4426 brass double check valves protect against the risk of backflow and back siphonage contaminations.
- CORE 4426 brass double check valves are approved as Backflow Prevention Devices for Category 3 Fluids as defined in Schedule 1 of the Water Supply (Water Fittings) Regulations and/or Scottish Water Byelaws.

4. Valve Installation

- The valve should be sited to ensure ease of access.
- It is the responsibility of the installer to ensure the valve is suitable for service conditions e.g., temperature, pressure, and service media.
- Where fitted, remove flange protectors / dust caps and all other packaging material.
- Care should be taken to ensure the surface finish of the valve is protected during installation.
- The valves may be installed on horizontal or vertical pipework. If installed on vertical pipework the flow direction must be upwards only.
- Suitable sealing material should be used during installation.
- In line with BSRIA recommendations, suitable consideration needs to be made as to how the removal of system debris can be achieved during the system flushing process.



5. Approvals Classification

- CORE 4426 brass double check valves are WRAS approved.
- The valve is classified in accordance with PED 2014/68/EU as Sound Engineering Practice (SEP).

6. Troubleshooting

- Should the CORE 4426 brass double check valves become blocked, the valve is fitted with an internal drain port to assist with debris removal
- If any maintenance is to be undertaken on the valve it is the responsibility of the installer to ensure the system is adequately drained and depressurized.
- A full risk assessment should be undertaken prior to any works taking place.

7. Warranty

- For further details about the CORE range's warranty period, please contact your CORE representative.