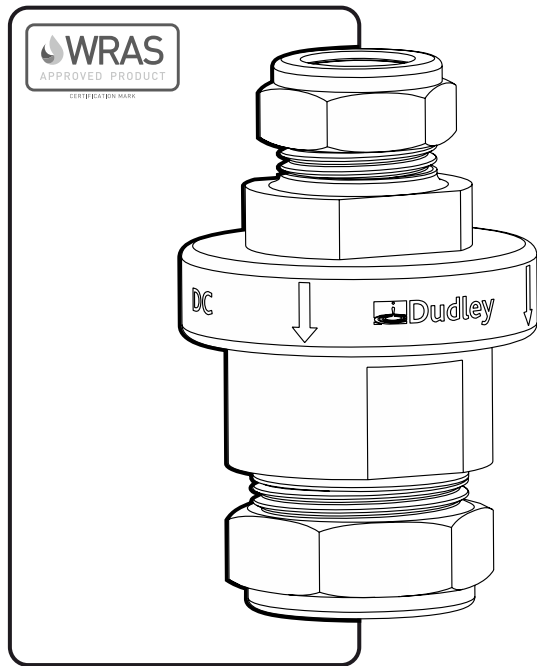


DC Pipe Interrupter

Back Flow Prevention Device

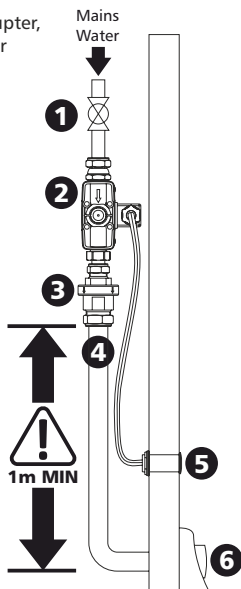


Installation Information

Water Regulations specify the use of a fluid category 5 back-flow protection device within all direct flush urinal systems. This protection is provided by the Dudley DC Pipe Interrupter. There are certain implications of fitting a DC pipe interrupter which can be addressed through correct installation.

To prevent water overflowing from the pipe interrupter, splashing from the urinal during flushing, and poor flushing, it is recommended that the following installation criteria are adhered to:

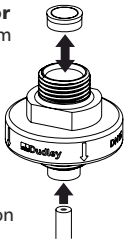
- Ensure correct flow direction
- Install the solenoid valve and DC pipe interrupter as high up as possible (1m Minimum) to provide the longest possible length of pipe to the spreader.
- A 22mm outlet connection is provided on the pipe interrupter to enable an increase in pipe diameter leading to the spreader. It is recommended that a minimum 22mm pipe diameter is used here.
- Use a low restriction spreader with good flow rate.
- Minimise bends in the pipe work between the pipe interrupter and spreader.
- The pipe interrupter is factory fitted with a 3 litre-per-min (brown) flow regulator and supplied with additional 4LPM (grey) and 5LPM (yellow) regulators for use where the installation is capable of a greater flow rate.



Changing the Flow Regulator

Remove the pipe interrupter from the pipe work. Take note of the flow regulator orientation.

Using a blunt instrument push the flow regulator out of the inlet aperture from the outlet aperture. Insert the required flow regulator into the inlet aperture in the correct orientation and push to secure in place.



- 1 Isolation Valve
- 2 Solenoid Valve
- 3 DC Pipe Interrupter
- 4 22mm Pipe
- 5 Sensor
- 6 Urinal Spreader