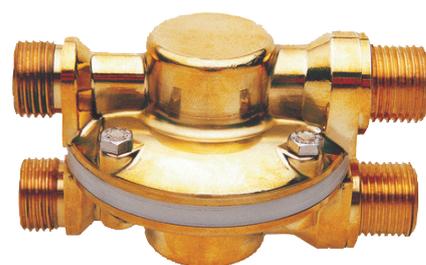


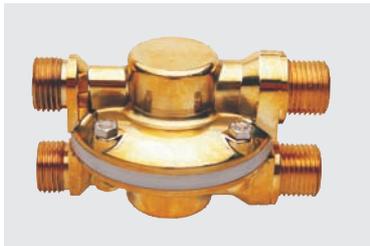
GR5531002

pressure equalising valves



altecnic

GR5531002 pressure equalising valves



Application

The Altecnic GR5531002 pressure equalising valve is designed to supply both hot and cold water at equal pressure, regardless of any difference in supply pressures.

The valve equalises the pressure by automatically adjusting the higher pressure, irrespective if it is hot or the cold supply, to that of lower pressure.

This is achieved by means of a nylon piston and diaphragm assembly within the valve.

The valve is suitable for hot and cold water supplies operating between 0.2 and 10 bar dynamic pressures including those utilising combi boilers, multi-point water heaters, gravity fed and unvented water systems.

The pressure equalising valve can be installed in any orientation on both horizontal or vertical pipes provided that the flow through the valve is in direction of the arrow on the body.

Valves are supplied with 1/2" parallel male screwed ends complying with BS EN ISO 228 but can be converted to compression ends complying with BS EN 1254* for use with copper tube by fitting olives and compression nuts (not supplied).

The valve can be installed at any distance before the mixer provided that it supplies only one outlet.

The valve is ideal for use with;

- Shower valves
- Single lever mixers
- Bidet mixers
- Bath - shower mixers
- Extra fine control of thermostatic mixing valves
- All outlets requiring constant supply pressures to maintain a constant mixed outlet temperature to the user.

Construction Details

Component	Material	Grade
Body	Brass	BS EN 12164 CW617N
Spring	stainless steel	
Piston and diaphragm	nylon	
Seat	acetal polymer	

Product Code	Description
GR5531002	pressure equalising valve with 1/2" male screwed ends

E & O.E

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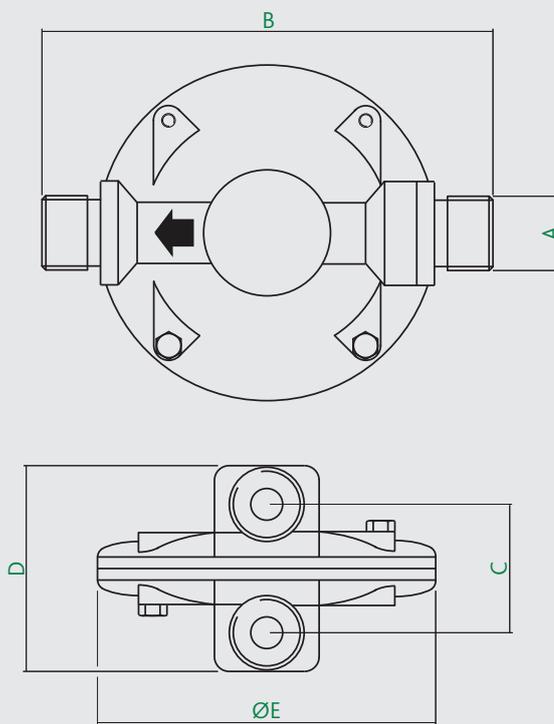
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Registered in England No: 2095101

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AL 036 15-06-11

Dimensions



Prod Code	A	B	C	D	E
GR5531002	G 1/2 B	100	35	60	75

Technical Data

Maximum water pressure:	10 bar - dynamic
Minimum water pressure for satisfactory operation both hot and cold supplies	0.2 bar = 20 kPa
Maximum hot water temperature:	80°C

* Use with R250 (half hard) copper tube