

# Eres 15 & 22mm pressure reducing valve

Product Codes  
ER PRV 1515  
ER PRV 1522

## Application

Pressure reducing valves are installed in residential water systems to reduce and stabilise inlet pressures from mains water supplies or boosted water systems, which generally are too high and variable for domestic appliances to function correctly.

## Technical Data

Max. inlet pressure:	20 bar
Outlet pressure setting range:	1 to 6 bar
Factory setting:	3 bar
Max. working temperature:	65°C
Pressure gauge range:	0 to 10 bar
Medium:	portable water
Pressure gauge connection:	G $\frac{1}{4}$
WRAS approved product	

## Flow Rates

BS EN 1567 recommends an average flow velocity of 2 m/s.

When sizing pressure reducing valves the flow velocity should be between 1 to 2 m/s.

Velocity	Size	15mm	22mm
1 m/s	Flow rate l/min	10.5	18.9
2 m/s	Flow rate l/min	21.0	37.8

## Compression Ends

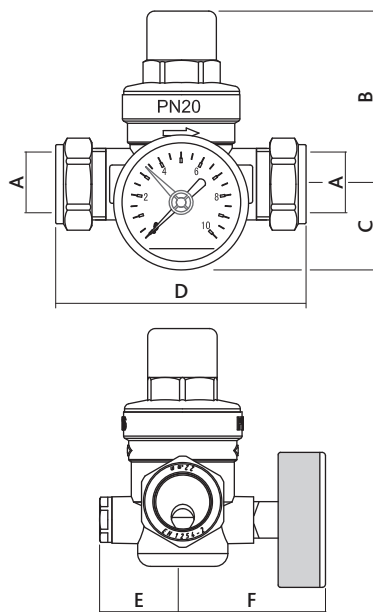
Valves have compression ends complying with BS EN 1252-2 for use with R250 (half hard) copper tube.

## Installation

Valves must be installed with the flow in the same direction as the arrow cast onto the body.

Valves should be installed immediately after the main stop valve on mains cold water and immediately after the circuit isolation valve for hot water and boosted cold water.

## Dimensions



A	B	C	D	E	F
Ø15	74.5	34	91	32	55
Ø22	68	34	88	32	55

## Adjustment

To change the discharge pressure from the factory setting of 3 bar;

- Water must be discharging when an adjustment is being made.
- Open the downstream taps or showers.
- Using a suitable sized screw driver located in the adjusting set in the centre of the cap, rotate the screw **clockwise** to **increase** and **anti-clockwise** to **reduce** the outlet pressure.
- The new outlet pressure will be shown by the pressure gauge.
- Turn off the water discharging at the taps or showers.

Altecnic Ltd Mustang Drive, Stafford, Staffordshire ST16 1GW  
T: +44 (0)1785 218200 E: sales@altecnic.co.uk  
Registered in England No: 2095101

altecnic.co.uk

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