

Pressure Reducing Valve

Series: 223

Size: 1" f x f

Materials:

Body: Bronze
Seat: Replaceable stainless steel
Diaphragm: Reinforced Buna-N
Valve Disc: EPDM

Temperature range: 33 °F – 160 °F (0.5 °C – 71 °C)
Maximum Working Pressure: 300 psi (20.7 Bar)
Adj Reduced Pressure range: 25 – 75 psi (172 – 517 kPa)
Standard Reduced Pressure
Setting: 50 psi (345 kPa)
Weight: 3.2 kgs



Super capacity water pressure reducing valves are designed to reduce incoming water pressure to a sensible level to protect plumbing system components and reduce water consumption. This series is suitable for water supply pressure up to 300 psi (20.7 bar) and may be adjusted from 25 – 75 psi (172 – 517 kPa). The standard setting is 50 psi (345 kPa). Series 223 features an enlarged diaphragm, spring case and seat orifice for super capacity performance. All parts are quickly and easily serviceable without removing the valve from the line. The optional bypass feature permits the flow of water back through the valve into the main when pressures, due to thermal expansion on the outlet side of the valve, exceed the pressure in the main supply.

Features

- Enlarged diaphragm, spring case and seat orifice for super capacity performance
- Bronze body construction (except 2 ½" (65mm) which is Iron)
- Servicable in line
- Optional bypass feature controls thermal expansion pressure
- Sealed spring case on all model for accessible outdoor or pit installations.

Standards

ASSE Standard 1003 1003; (ANSI A112.26); CSA Standard B356; Southern standard plumbing code, Military standard MIL-V-18146B and listed by IAPMO.