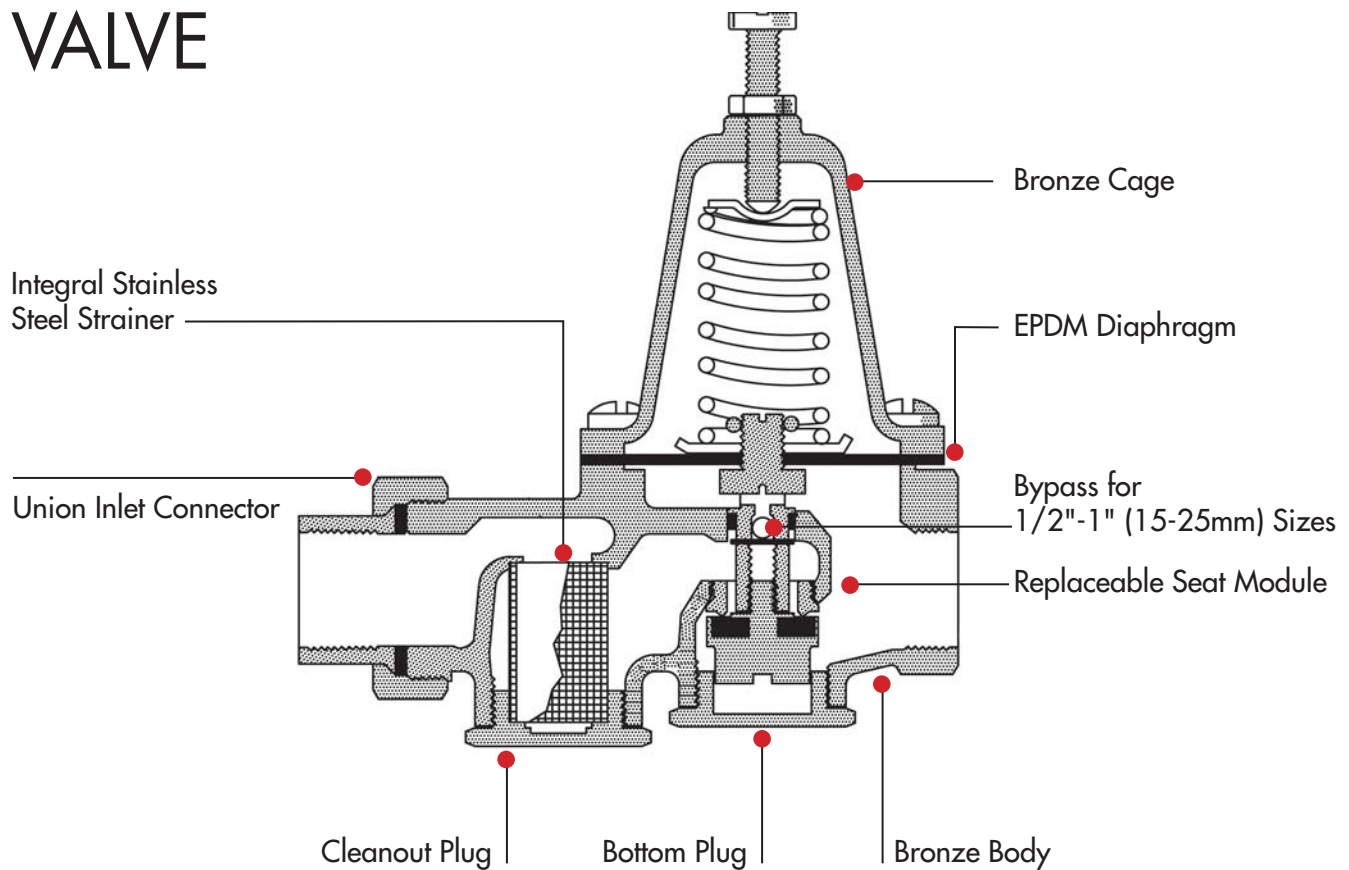




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WATER PRESSURE REDUCING VALVE





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PURPOSE:

Water Pressure Reducing Valves are used in residential, commercial and industrial applications to reduce incoming water pressure for protection of plumbing system components and to reduce water consumption. It comes with a bronze body construction, a fabric reinforced diaphragm, spring cage and seat orifice and an optional thermal expansion bypass. Available in both Sweat and NPT threaded female inlet or outlet. Maximum Working Pressure: 300psi (21 bar), Adjustable Reduced Pressure Range: 25 to 75psi (172 to 517 kPa), Standard Pressure Setting: 50psi (345 kPa).

SIZING AND INSTALLATION GUIDE:

This valve should be installed where it is accessible with sufficient clearance for cleaning, service or adjustment. Flush dirt and scale from supply pipe. You may install the regulator vertically or horizontally, but you must install it with the arrow in the direction of flow. Regulator is preset at 50psi (345 kPa). To adjust, loosen locknut and turn adjusting screw clockwise to increase pressure; counterclockwise to decrease. All BEECO models have a built-in thermal expansion bypass. Pressure reducing valves should always be installed by a qualified plumbing professional. Consult your local plumbing codes. Any time a reducing valve is adjusted, the use of a pressure gauge is recommended to verify correct pressure setting.

HOW IT WORKS:

Pressure reducing valves reduce the pressure of the inflowing water so that it comes out of the valve more slowly than it entered. They are used to reduce waste and to keep pipes from bursting when water enters a home under higher pressure from the municipality's water source. They are made out of sturdy material, such as brass, to withstand the force that they are constantly under. An adjusting spring can regulate the outgoing pressure from 25 to 75 PSI and are factory set at 50 PSI.

FEATURES AND BENEFITS:

The BEECO Water Pressure Reducing Valve comes with an Internal Bypass for Thermal Expansion, it has in-line serviceability and is built with a corrosion resistant body and cover. Our economic compact design valve comes in sizes 1/2" to 2" in single and double union in any combination of NPT female threads and Copper sweat connections. The valve is designed so you can remove and clean out the internal screen that protects the critical features of the valve without having to remove it from the line. Our 1/2" – 2" (15 – 50mm) models meet the requirements of the ASSE Standard 1003; CSA Standard B356; and are listed by IAPMO.