

Commercial PRV

Description

The *Reliance Commercial PRV* is a high flow pressure regulating valve for commercial and industrial installations.

The *Reliance Commercial PRV* is supplied standard with flanged connections from 50 mm to 100 mm diameter. The standard *Reliance Commercial PRV* is complemented by two spring options offering the following range of pressure settings; 100 to 500 kPa, 350 to 750 kPa (standard) and 550 to 875 kPa. *Reliance Commercial PRVs* are factory set at 500 kPa.



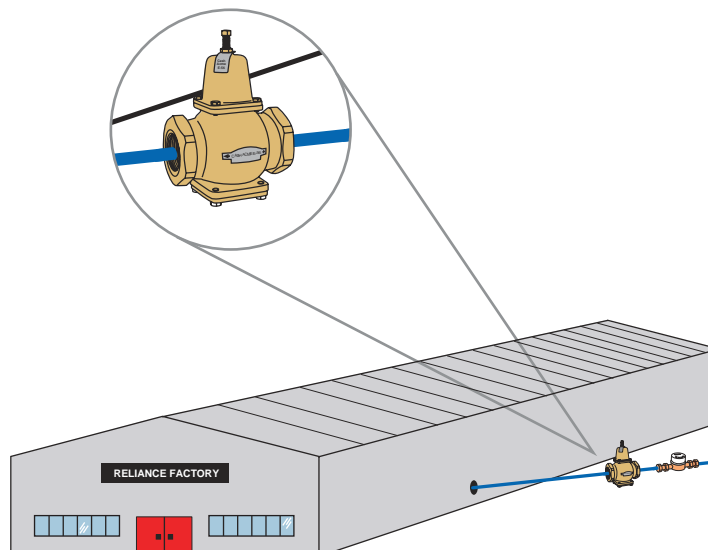
Features and Benefits

- ❖ Balanced piston design
 - » Provides for closer regulation and quiet performance
- ❖ Every valve fully factory tested
 - » Specify and install with confidence
- ❖ Simple dependable construction
 - » Fewer parts for greater reliability
- ❖ Flanged connections
 - » Suitable for all standard installations

Application

The high capacity *Reliance Commercial PRV* is ideal for supply to large usage facilities such as factories and industrial establishments. The *Reliance Commercial PRV* is designed for water, air, light oil, gases (except steam) and other fluids not corrosive to bronze.

The *Reliance Commercial PRV* should be installed in the horizontal, with the spring chamber upright. For other installation requirements consult the product installation instructions, or consult the manufacturer. For ease of operation and maintenance it is suggested that manual isolation valves be installed upstream and downstream of the valve.

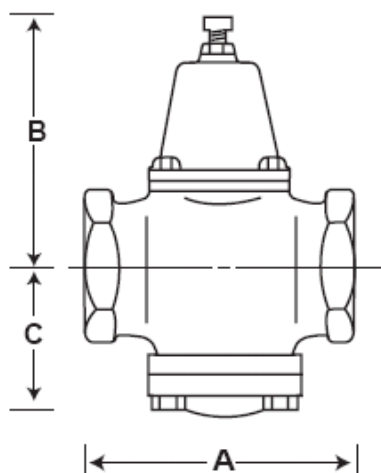


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Specification

Outlet pressure range	100 to 500 kPa, 350 to 750 kPa, 550 to 875 kPa
Factory set pressure	500 kPa
Maximum temperature	80° C
Maximum inlet pressure	1600 kPa

Dimensions



Materials

Body	Brass
Spring Chamber	Brass
Piston	Brass
Seat Ring	Stainless Steel
Seat Disc	Buna-N
Adjusting Spring	Steel
Wiper Felt	Felt
O-Rings	Buna-N
Bottom Cap	Brass

DN	A	B	C
50 mm Flanged C	198 mm	180 mm	90 mm
65 mm Flanged C	201 mm	180 mm	90 mm
80 mm Flanged C	210 mm	180 mm	95 mm
100 mm Flanged C	222 mm	180 mm	95 mm

Performance Specifications

DN	Differential Pressure (kPa)			
	70	175	350	550
50 mm Flanged C	340	456	610	720
65 mm Flanged C	435	570	912	1100
80 mm Flanged C	532	684	1065	1330
100 mm Flanged C	532	684	1065	1330

Values shown are Litres per minute.