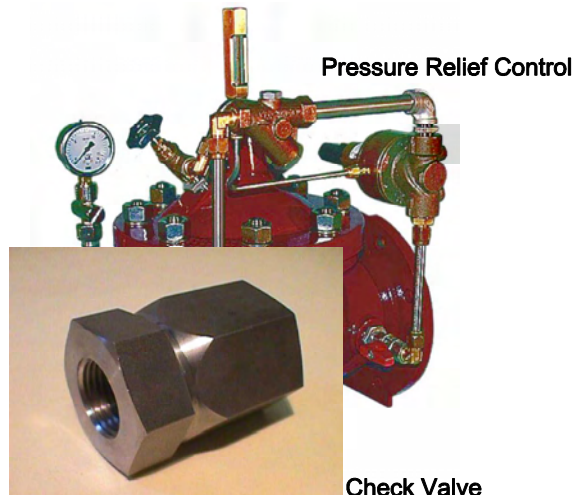


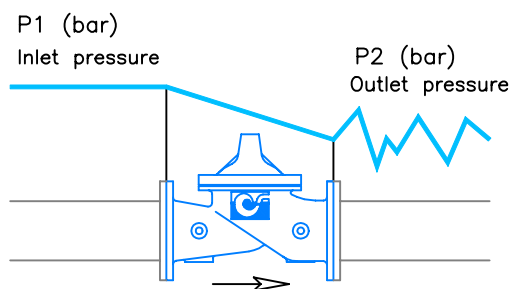


Simple, Reliable and Accurate

- Completely Automatic Operation
- Easy Adjustment and Maintenance
- Quality Approved Materials
- World Wide Support



• CLA-VAL SERIES 50 : Main Function

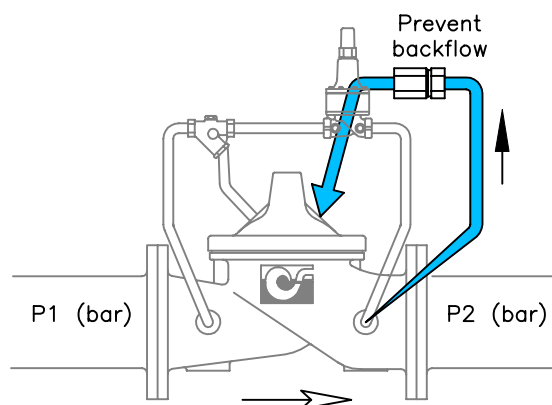


The CLA-VAL SERIES 50 Sustaining Valve accurately maintains a minimum preset (Pressure Relief Control) inlet pressure regardless of changing flow rate. The CLA-VAL SERIES 50 Relief Valve opens fast to dissipate excess system pressure.

• CLA-VAL 51-01 : Typical Application

When the CLA-VAL 51-01 is installed in a line between an upper zone and a lower area of heavy demand, the valve acts to maintain desired upstream pressure. When installed near pumps the valve provides protection against surges and dissipates excess pressure. Typical backflow occurs when the valve is installed on a pipe line linking two separate distribution systems and upstream pressure P1 drops. The check valve prevents backflow when $P2 > P1$.

• Why a non Return Feature ?



• Usual SERIES 50 Combinations

Main valve	100-01
Pressure Relief/Sustaining Valve	50-01
50-01 + Float control	50-CF9
50-01 + Non return check valve	51-01
50-01 + Surge Anticipator	52-03
50-01 + Anticipator, rev. Flow	52-03R
50-01 + Solenoid on/off	58E/D-01

Other Functions : Please Contact CLA-VAL

• More Information

<input checked="" type="checkbox"/>	Schematic Diagram	051001FE
<input checked="" type="checkbox"/>	Quick Valve Selection	000121DE
<input checked="" type="checkbox"/>	Dimensions	000122DE
<input checked="" type="checkbox"/>	Pressure Ratings & Materials	000123DE
<input checked="" type="checkbox"/>	Specify your Valve	051001VE

Sheet #