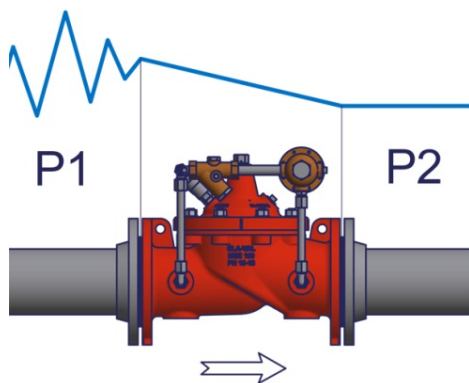


► Simple, Reliable and Accurate

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

► CLA-VAL SERIES 90 Main Function

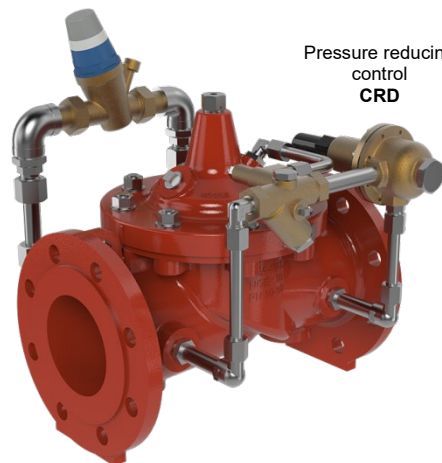


► CLA-VAL B90-25 Typical Application

This valve has the flexibility to be installed in a distribution system where the demand varies over a wide range. This frequently occurs in industrial, residential, educational, high-rise buildings and other applications. Another important feature of the valve is its space efficient configuration, allowing easy installation and maintenance. The Model AQUA 80-451 low flow pressure reducing by-pass is preset to a higher pressure than the CRD pilot control. The 80-451 responds to pressure changes from the main valve outlet. When the CRD closes, the Model 80-451 remains open allowing water to flow through, by-passing the main valve. The 80-451 closes when the flow decreases and the downstream pressure reaches its set point.

Pressure reducing
valve
AQUA 80-451

Pressure reducing
control
CRD



The CLA-VAL SERIES 90 reduces a higher inlet pressure to a constant downstream pressure (Pressure Reducing Control) regardless of changing flow rate and/or varying inlet pressure.

Make your valve even Better!

LFS Option?	<u>Control</u> Low flows or night flows
KO Option?	<u>Extend</u> valve life with Anti-Cavitation trim
KG1 Option?	<u>Use</u> stem cleaning for harsh water
Maintenance?	<u>Check</u> on periodic maintenance

Not just Products but Solutions: contact CLA-VAL!

**Recommended typical assembly for CLA-VAL
automatic control valves**

