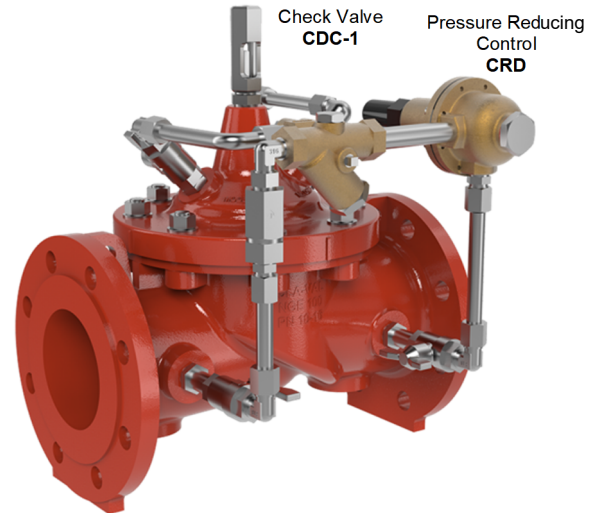
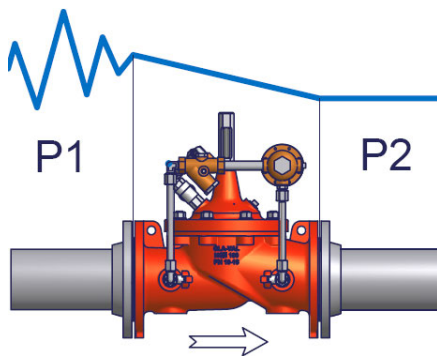


► Simple, Reliable and Accurate

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



► CLA-VAL SERIES 90 Main Function



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.

► CLA-VAL 91-01 Typical Application

The CLA-VAL 91-01 is designed to reduce a high pressure (P1) and, when a pressure reversal occurs ($P2 > P1$), to prevent backflow through the valve.

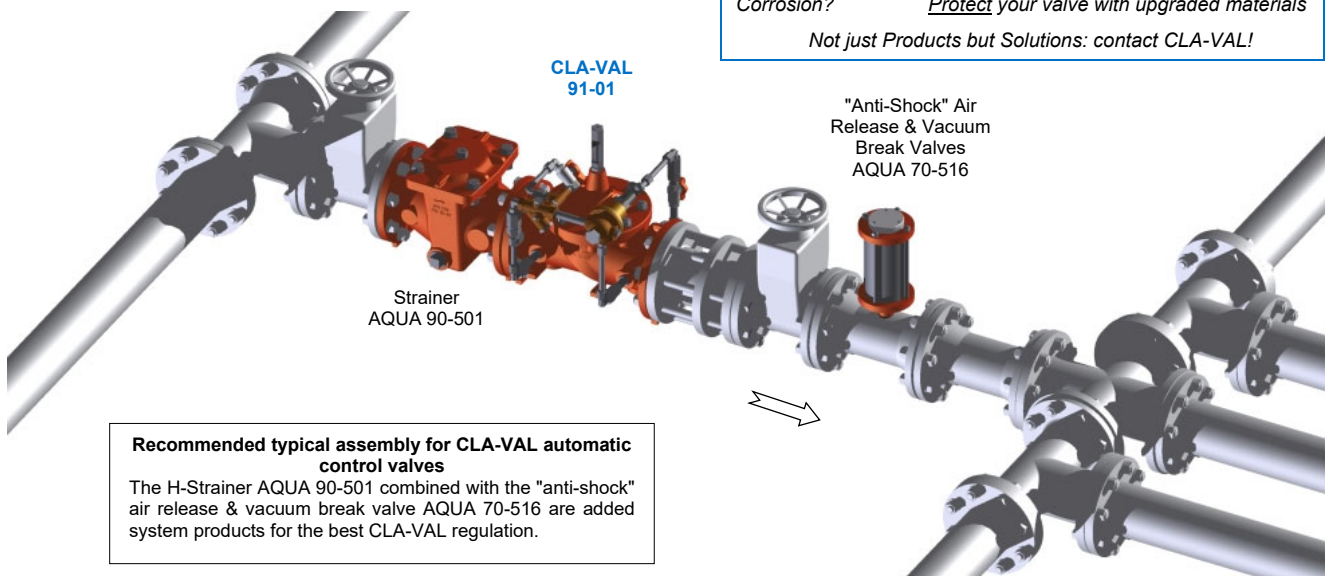
Typical backflow occurs when the valve is installed on a pipe line linking two separate distribution systems and upstream system pressure P1 drops.

Feeding lines to high-rise buildings need also check features to prevent reverse flow.

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
Environment?	<u>Adapt</u> to high temperatures or frost risk
Security?	<u>Add</u> hydraulic safety back-up to your valve
Protection?	<u>Remove</u> excessive system overpressures
Corrosion?	<u>Protect</u> your valve with upgraded materials

Not just Products but Solutions: contact CLA-VAL!



Recommended typical assembly for CLA-VAL automatic control valves

The H-Strainer AQUA 90-501 combined with the "anti-shock" air release & vacuum break valve AQUA 70-516 are added system products for the best CLA-VAL regulation.