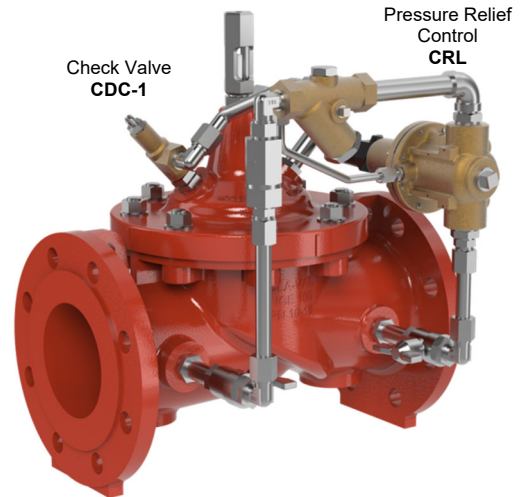
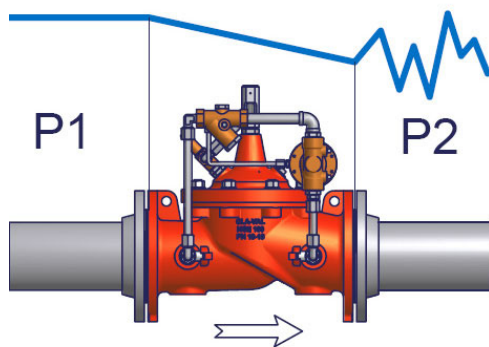


### ► Simple, Reliable and Accurate

- 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.

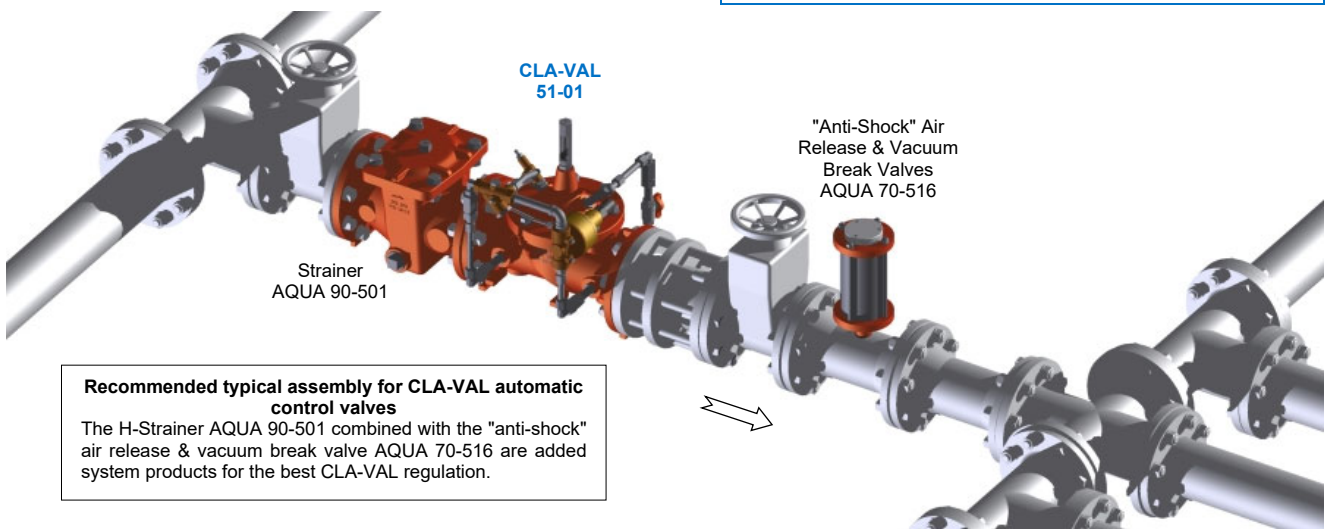
Typical backflow occurs when the valve is installed on a pipe line linking two separate distribution systems and upstream pressure P1 drops.

The check valve prevents backflow when P2 > P1.

### *Make your valve even Better!*

<i>LFS Option?</i>	<i>Control</i> Low flows or night flows
<i>KO Option?</i>	<i>Extend</i> valve life with Anti-Cavitation trim
<i>KG1 Option?</i>	<i>Use</i> stem cleaning for harsh water
<i>Maintenance?</i>	<i>Check</i> on periodic maintenance
<i>Environment?</i>	<i>Adapt</i> to high temperatures or frost risk
<i>Security?</i>	<i>Add</i> hydraulic safety back-up to your valve
<i>Protection?</i>	<i>Remove</i> excessive system overpressures
<i>Corrosion?</i>	<i>Protect</i> 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.