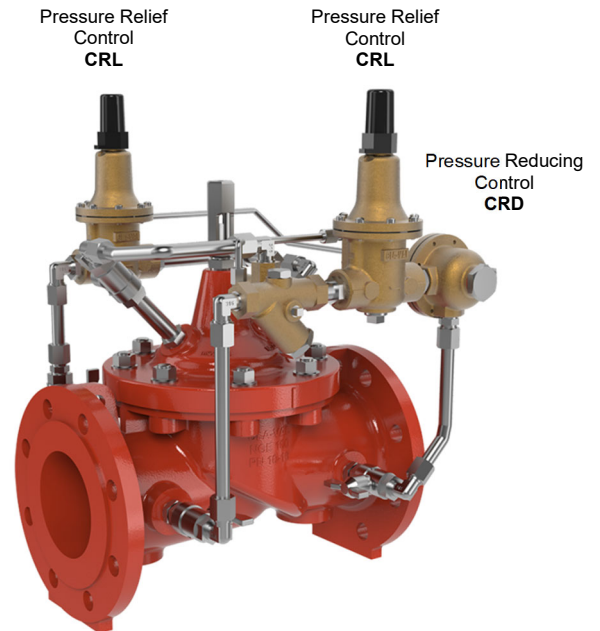
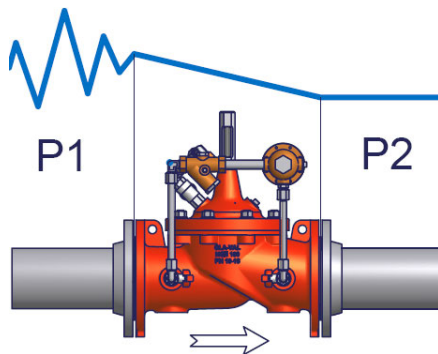


### ► Simple, Reliable and Accurate

- 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 94-16 Typical Application

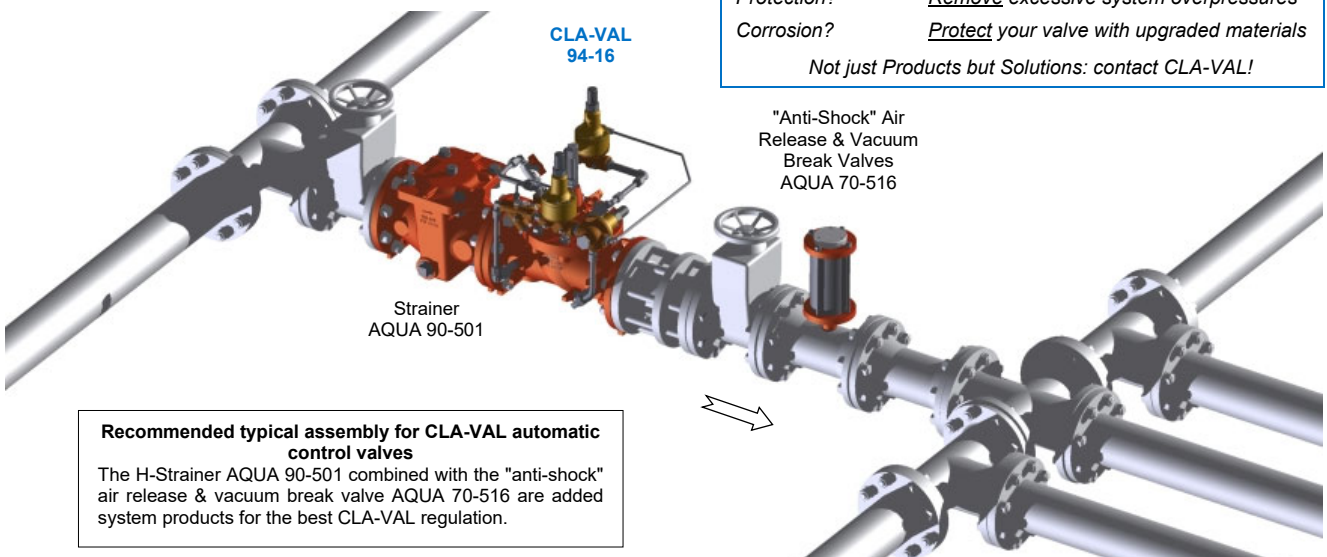
The CLA-VAL 94-16 is designed to reduce a high pressure (P1), sustain a minimal upstream pressure, and when a downstream surge pressure occurs ( $P2 >$  preset surge pressure), to prevent backflow through the valve.

Typical application is to protection pumping equipment and pipes from dangerous pressure surge that occurs by rapidly changing flow rates.

#### *Make your valve even Better!*

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