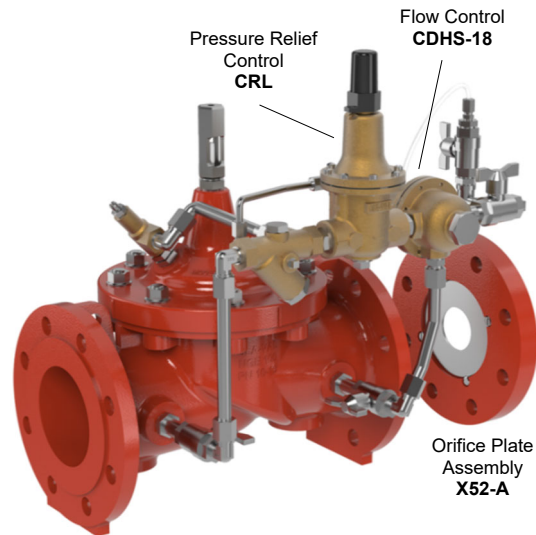
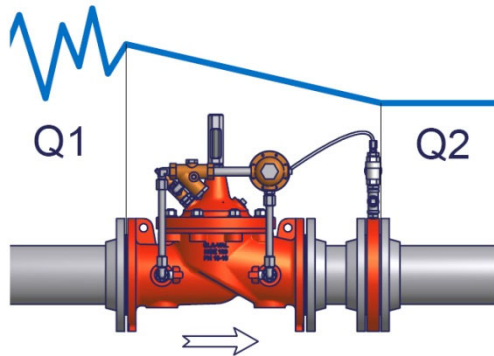


► Simple, Reliable and Accurate

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

► CLA-VAL SERIES 40 Main Function



The CLA-VAL SERIES 40 is used to accurately limit excessive flow to a preselected maximum rate (Flow Control) regardless of changes in pressure and/or varying inlet flow.

The Orifice Plate Assembly is included.

► CLA-VAL 45-01 Typical Application

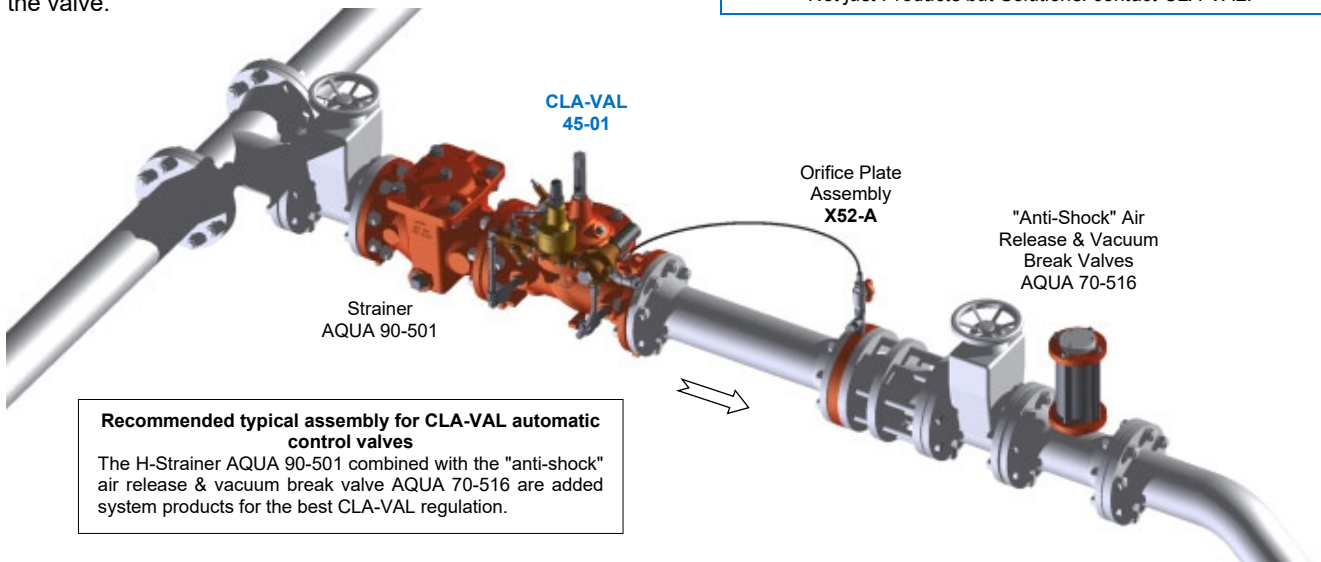
The CLA-VAL 45-01 is designed to limit flow rate and sustain a minimum upstream pressure. The CLA-VAL 45-01 is installed where water supply to a lower system (industrial user, housing area, irrigation, etc.) must be limited to a maximum flow rate and when a minimum upstream pressure in a high pressure main and/or an upstream distribution network must be sustained.

The Orifice Plate Assembly may be fixed directly to the main valve outlet flange, however, better control is obtained if it is installed in stabilized flow conditions downstream of the valve.

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.