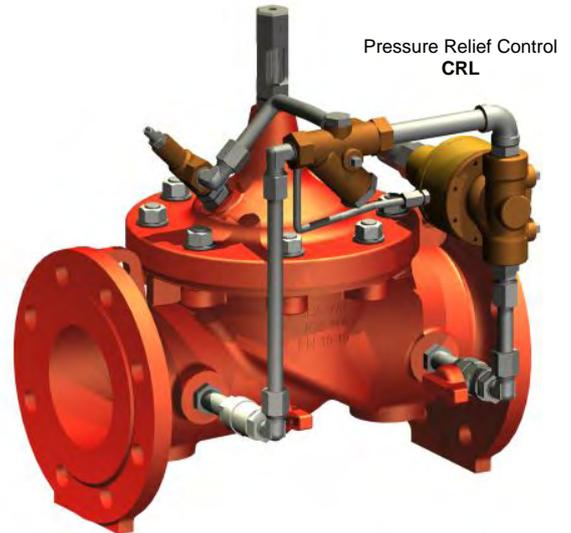
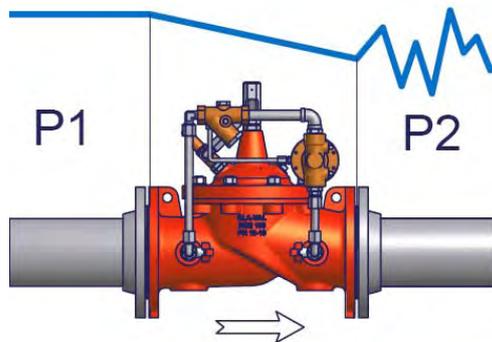


### ► Simple, Reliable and Accurate

- 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 50-01 Typical Application

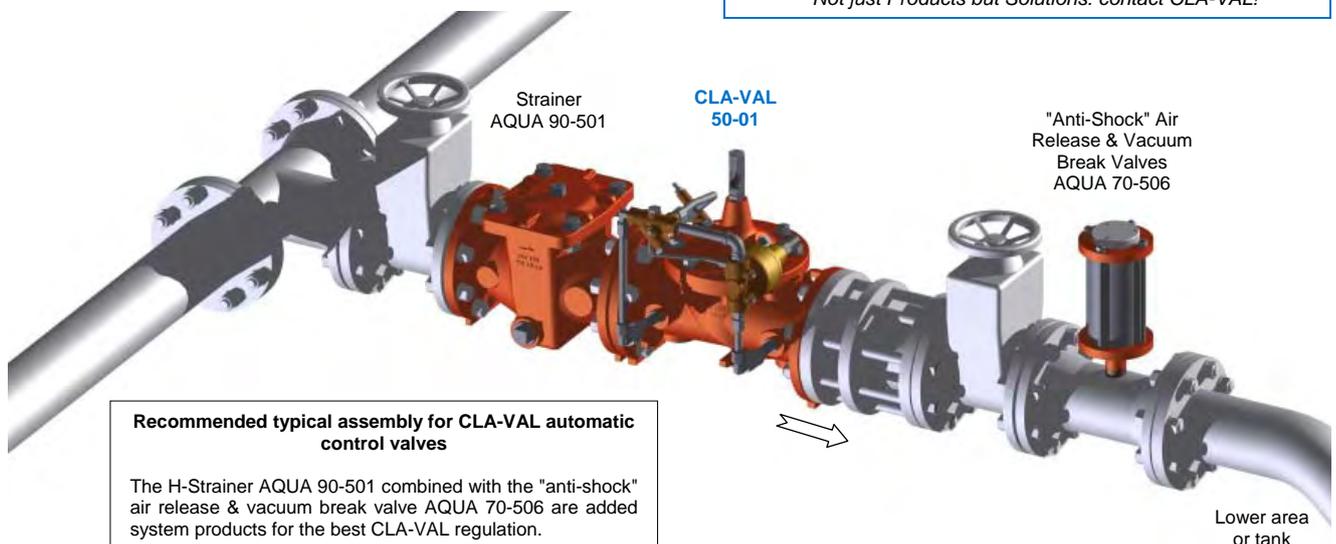
The CLA-VAL 50-01 (Sustaining Service) is typically installed in a line between an upper zone and a lower area of heavy demand or tank, the valve acts to maintain desired upstream pressure to prevent "robbing" of pressure in upper zone.

The CLA-VAL 50-01 (Relief Service) is installed to protect the system or installations against high pressure surges when pumps are shut down. The valve is installed near the pump on a line discharging to atmosphere.

### *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 70-506 are added system products for the best CLA-VAL regulation.