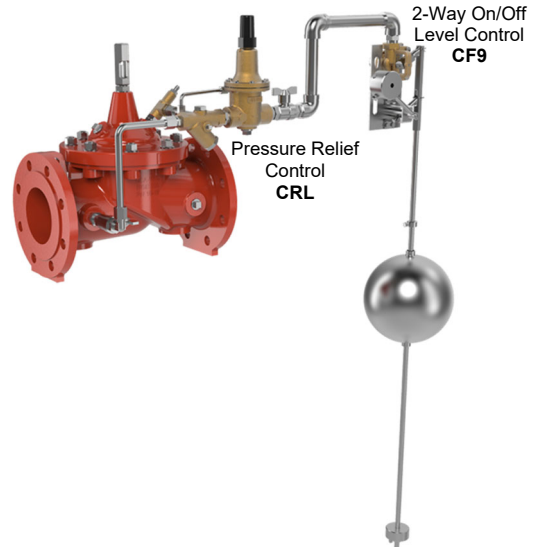
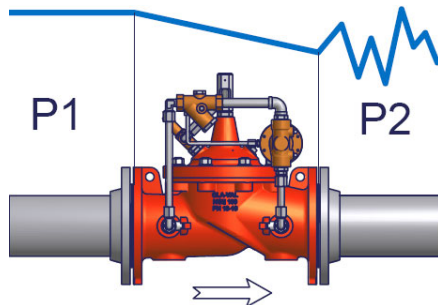


► Simple, Reliable and Accurate

- 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-CF9 Typical Application

The CLA-VAL 50-CF9 is typically installed upstream a tank. The valve opens when the liquid level reaches a preset low level, but maintains a constant upstream pressure to prevent "robbing" of upper zone.

Therefore the tank is filled only when upper zone demand is low enough (high upstream pressure) to allow the valve to open.

The Float Control may be installed at any elevation provided $P1$ (expressed in length) $> D$.

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 a float stilling well are added system products for the best CLA-VAL regulation.

