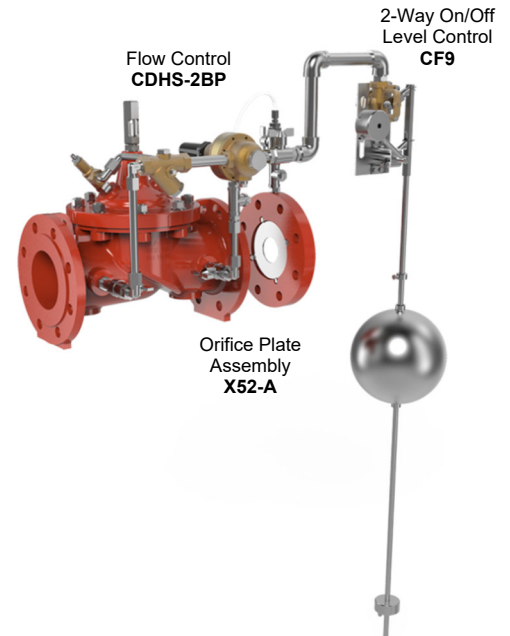
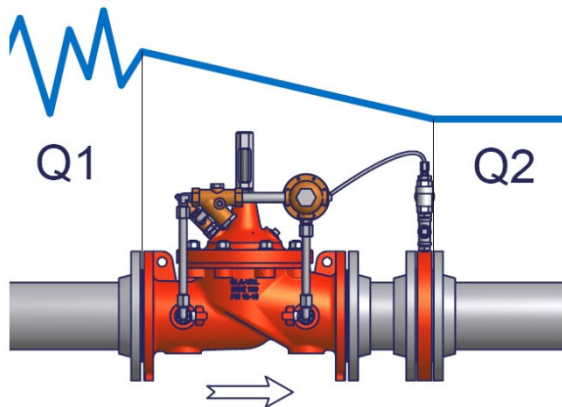


Simple, Reliable and Accurate

- 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 40-CF9 Typical Application

The CLA-VAL 40-CF9 is designed to fill up a tank at a constant flow rate in order to prevent the drop of flow in an upper zone. The valve opens (On) when the liquid level reaches a preset low level and closes drip tight (Off) when the level reaches a preset high level. An orifice plate, mounted on the outlet of the valve, controls the flow rate and prevents any cavitation.

The Float Control may be installed at any elevation provided $P1$ (expresser 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.

