

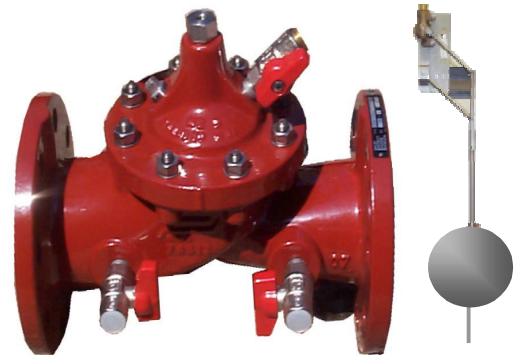


Cla-Val series 100-CF9

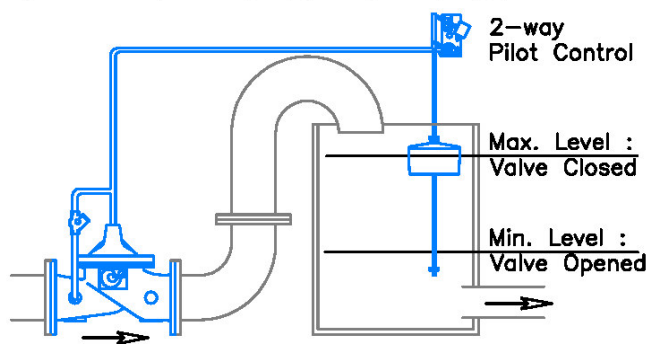
Delayed action float valve

Sizes: 32mm (1 1/4") – 800mm (32")

- Diaphragm actuated, No 'O' Rings or packing glands to wear out
- Fully Hydraulic operation
- Positive Drip Tight Shut-off with no creep at zero flow
- Adjustable delay between open and closed position to prevent possible water stagnation
- Adjustable response speed to eliminate surge

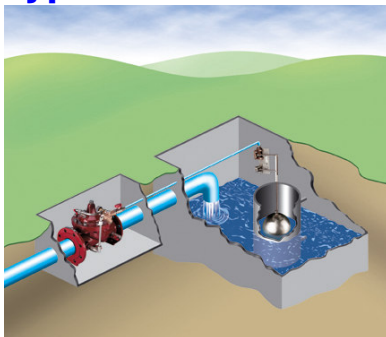


• CLA-VAL SERIES 100 : Main Function



The Cla-Val model 100-CF9 is a non-modulating float valve that accurately controls the liquid level in tanks. The float moves freely on the float rod. On rising liquid level, the float contacts the upper stop and lifts the float linkage to the 'UP' position causing the main control valve to shut drip tight. As liquid level lowers, the control stays in the 'UP' position until the float contacts the lower stop. The control then shifts to the down position causing the main control valve to open. The difference between high and low levels can be adjusted between 2.5cm (1") and 45.7 cm(18") or up to 355cm(11½ ft) by adding float rod extensions.

Typical installation



The float control is mounted high above the high water level in the tank. The valve is installed in the line leading to the tank within a chamber. It is then connected to the float control pilot by 3/4" tubing. A stilling chamber is required if top fed (available on request)

NOTE

Refer to "Main Valve" Section for Dimensional and Performance data

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