CLA-VAL PACIFIC

MODEL 8124-01

Float Valve



- **Accurate and Repeatable Level Control**
- **On-Off Action**
- **Fully Adjustable High and Low Level Settings**
- **Simple Design, Proven Reliable**
- **Easy Installation and Maintenance**

The Cla-Val Model 8124-01 Float Valve is a non-modulating valve that accurately controls the liquid level in tanks. This valve is designed to open fully when the liquid level reaches a pre-set low point and close drip-tight when the level reaches a preset high point.

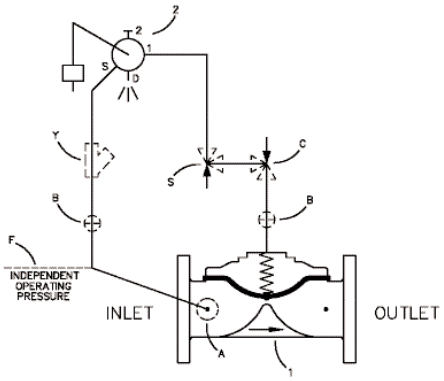
This is a hydraulically operated, diaphragm valve with the pilot control and float mechanism mounted on the cover of the main valve. The float positions the pilot control to close the valve when the float contacts the upper stop. The high and low liquid levels are adjusted by positioning the stop collars on the float rod. The difference between high and low levels can be adjusted to as little as one inch, or to as much as eighteen inches.

Level settings can be as much as eleven and one half feet below the valve. The float mechanism may be located remotely from the main valve. See the technical data sheet on Model CF1-C1 Float Control for additional information.

Note: For 8" and Larger Float Valve Sizes use Model 124-02/624-02

Schematic Diagram

Item	Description
1	Hytrol (Main Valve)
2	CF1-C1 Float Control



Optional Features

Item	Description
A	X46A Flow Clean Strainer
B	CK2 (Isolation Valve)
C	CV Flow Control (Closing)
F	Independent Operating Pressure
P	X141 Pressure Gauge
S	CV Speed Control (Opening)
Y	X43 "Y" Strainer

Materials and Data

- 25 - 65 mm Threaded BSP
- 80 - 200 Flanged 150 PN16 / AS4087 PN16 / ANSI 150
- Pressure Rating - 16 bar.
- Minimum Opening Pressure: 0.7 bar.
- Minimum Velocity: 0.5 m/s
- Maximum Continuous Velocity: 8 m/s
- Maximum Temperature: 70˚C