



— MODEL — **CF1-C1**

Float Control For Open Tanks



- **Accurate Liquid Level Control**
- **Fully Hydraulic Operation**
- **Simple Design, Easy Maintenance**
- **No Lubrication Necessary**
- **No Gears, No Mechanical Linkage Between Valve and Control**

The Cla-Val Model CF1-C1 Float Control is a float-actuated, multi-port pilot control which provides non-modulating, two-position, on-off operation. It is used primarily to operate remotely located Cla-Val valves requiring three-way or four-way pilot valve operation. Designed for use in open tanks, this control operates on a minimum level change of approximately one inch. Maximum level change is nineteen inches. This level adjustment can be located up to 11½ feet from the control by adding float rod extensions.

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. As the 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.

Specifications

Piping Connections	1/8" NPT
Pressure Rating	150 psi max.
Temperature Rating	Water: to 150°F.
Materials	In contact with operating fluid: Nylon Reinforced Delrin®, Stainless Steel, Monel, with Buna-N® Seals Float linkage and float rod: Brass and PVC Base plate: 316 Stainless Steel Float: 304 Stainless Steel float Other materials available: Stainless Steel rod and stops Brass rods Brass base plate
Float	5 3/8" diameter.
Float Rod	Standard: Two 12" sections of PVC rod 12" extension increments at extra cost. If maximum temperature exceeds 160°F, specify Stainless Steel rods. Available at extra cost Larger counterweight required if float rod length exceeds 5' at extra cost Optional: 24" Stainless Steel rod, with 12" extension increments at extra cost Larger counterweight required if float rod length exceeds 2' at extra cost
Level Differential	1" min to 18" max. with PVC rod 1" min to 40" max. with Stainless Steel rod
Operating Fluids	Clean liquids or gases compatible with specified materials.
Shipping Weight	12 lbs.

Dimensions (In Inches)



