

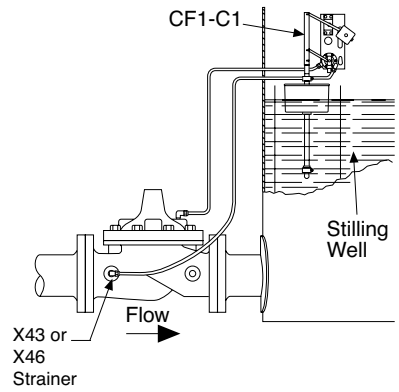
Installation Data

The float control is mounted above the high water level in the tank. The valve is installed in the line leading to the tank and is connected to the float control pilot by tubing. (Min. 3/8" tubing)

When line pressure is used to operate the valve, tubing connections are made from the float control pilot to the valve cover, and also to the inlet side of the valve. An X46 Flow Clean Strainer must be installed in the inlet side of the valve. The control may be installed at any elevation above the valve, providing that the flowing line pressure in psi

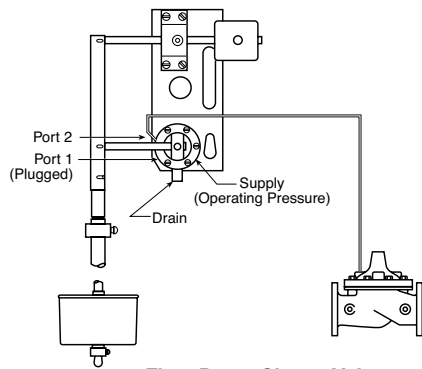
is equal to, or greater than, the vertical distance in feet between the valve and the float control.

An independent source of air or water may be used to operate the valve. The pressure from this independent source must constantly be equal to or greater than pressure at the valve inlet. The independent source is connected to the float control pilot in place of the supply line connected to the inlet side of the valve. If the Model 100-01 under the control of the CF1-C1 is 8" or larger, auxiliary Hytrol valves may be required. Consult factory for details.

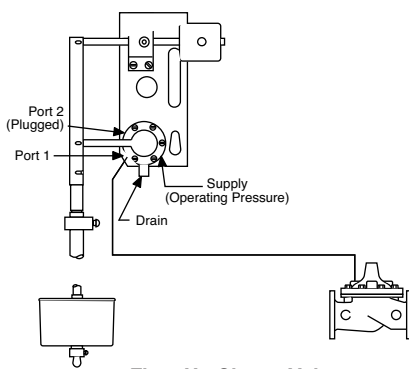


Note: We recommend protecting Float Control tubing and valve from freezing temperatures.

For Controlling Hytrol Valve



Float Down Closes Valve



Float Up Closes Valve

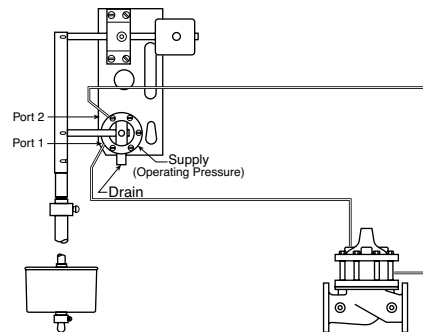
NOTE:

A stilling well (Min. 8" I.D.) must be provided around the float if the liquid surface is subject to turbulence, ripples or wind.

When Ordering, Please Specify

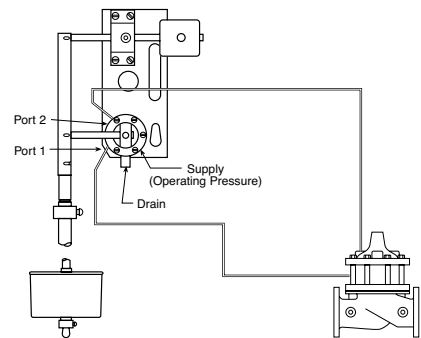
1. Catalog No. CF1-C1
2. Size and type of Valve to be controlled.
3. Material if different from standard
4. Float rod length if larger than 2 ft.

For Controlling Powertrol Valves

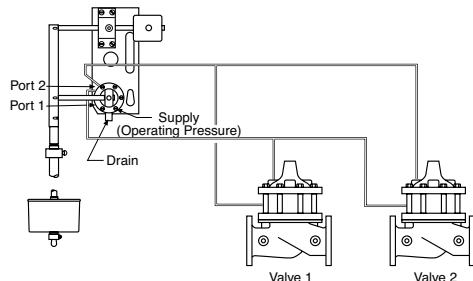


Float Up Closes Valve

Float Up Opens Valve

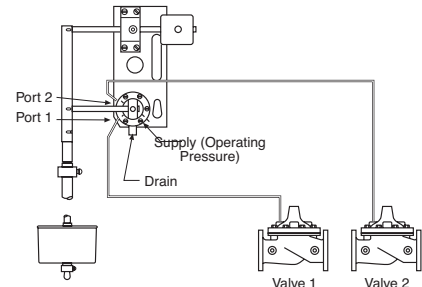


For Controlling Two Valves Simultaneously



Operation

Float Position	Valve 1	Valve 2
UP	CLOSED	OPEN
DOWN	OPEN	CLOSED



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