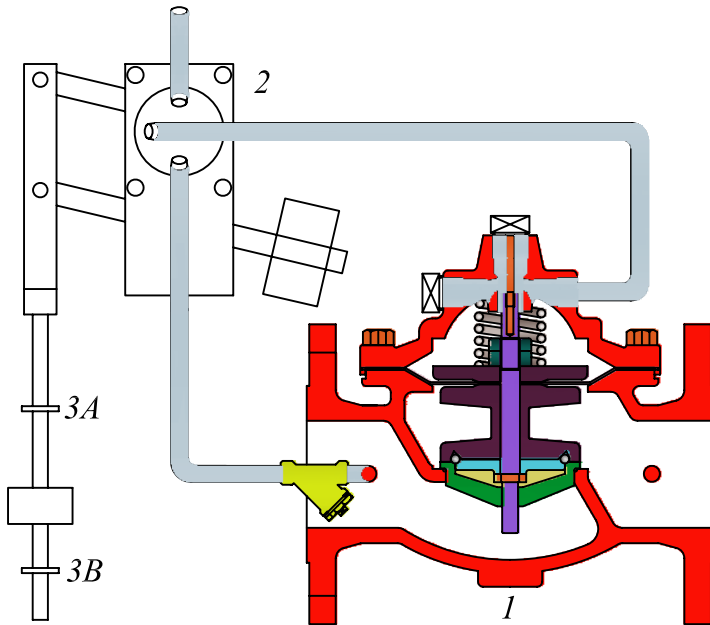


FLOAT VALVE-ON/OFF(OPEN/CLOSE)

SERIES NO:- 502 (GLOBE)



VALVE FUNCTION

- Valve opens when float reaches lower level stop (adjustable)
 - Valve closes when float reaches upper level stop (adjustable)
 - High and low level adjustments allows for calculated draw down
- Opens when level drops
Closes when levels rises

The ACV 502 opens fully when the level reaches the preset lowpoint and shuts off drip tight when the high level is reached. The rotary 3-port pilot is equipped with a vertical rod which allows the float to rise and lower to the adjustable upper and lower stops.

NOTE:

The pilot is remote mounted unless specified valve mounted. Standard equipped with brass rods and plastic float. Valve 2-6" standard with 2-12" rods. Valves 8-16" standard with 4-12" rods. Stainless steel rods and float are available. Provide a stilling well around float if liquid surface is subject to turbulence, ripples or wind.

SPECIFY

Valve mounted pilot is required, and valve discharge horizontal or vertical.

ACCESSORIES

- Isolation Cocks
 - Flo-Clean Strainer
- LOCATED AS INDICATED
- Y - Strainer
 - Limit Switch
- INCLUDED AS MARKED
- Position Indicator

POINTS TO CONSIDER:

- Minimum differential pressure 5 psig
 - Refer to Engineering Data
 - Flow Capacity Chart
 - Inlet pressure vs. tank head pressure
 - Pressure drop at required flow
- Refer to Engineering Data
- Pressure Drop Chart
 - If valve size is smaller than line size, consider ACV 502

Consult NU-TECH ACV representative/factory

QUICK SIZING:

Valve size same as fill line or one size smaller.

COMPONENTS

1. Main Valve
 2. Float Pilot
 3. Level Adjustment Stops
- 3A - Upper Level
3B - Lower Level

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