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Altitude Valve/ Level Control Valve

Description

Altitude Control Valves are ideal for maintaining a preset maximum water level. The valve functions as a two position control valve, either fully open or fully closed. The types allow normal forward flow to fill the reservoir to the maximum level, then closes drip-tight at the set-point. It opens to refill the tank once the level drops an adjustable amount below the high water level. Distribution from the reservoir is through a separate pipeline.

Note : This valve does not operate as a check valve to prevent reverse flow

Features

- ✓ No overflows
- ✓ Adjustable draw-down level (differential) set-point
- ✓ Superior repeatability
- ✓ Positive shut-off
- ✓ Adjustable draw-down for improved water cycling

Typical Applications

- ✓ Higher Pressure Supply
- ✓ Reservoir Tank
- ✓ Provide connection to drain for displaced water from bonnet
- ✓ Distribution to users
- ✓ Sensing connected to drain line or to the reservoir directly (completed by others). Slope to avoid air pockets.

Technical Specifications

- ✓ Valve Body Type : Globe Type/ Angle Type
- ✓ Body : Ductile Iron ASTM A 536
- ✓ Bonnet : Ductile Iron ASTM A 536
- ✓ Available Sizes : 50mm – 1000mm
- ✓ Stem : Stainless Steel 316
- ✓ Seat Ring : Stinless steel 316
- ✓ Diaphragm : EPDM
- ✓ Strainer : Brass
- ✓ Altitude Pilot or Float Pilot : Brass/Stainless Steel
- ✓ Check Valve : Brass/Satinless Steel
- ✓ Isolation Valve : Brass/Stainless Steel
- ✓ Tubing & Fittings : Copper, Brass,Stainless Steel
- ✓ Float Ball : Plastic/Copper/Stainless Steel
- ✓ Pressure rating : PN10,PN16,PN25
- ✓ Coating : Non Toxic Epoxy