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Modulating Float Valve

Description

The Modulating-Cast Iron Float Valves are ideal for balancing the inflow and outflow demand into the reservoir and maintaining level at the designated maximum. The valve closes drip-tight at the maximum level and modulates to maintain the tank level. The float pilot is remotely installed at the high level in the reservoir tank. Pilot connections to the main valve are connected in the field. As the reservoir level drops the main valve is opened proportionally to increase the filling rate. Movement of the main stem alters the size of the closing restriction, interrupting the tendency of the valve to hunt.

Features

- Maintains relatively constant level
- Automatic compensation for level draw-down
- Standard integral damping reduces hunting
- Drip-tight at high level shut-off
- Low supply pressure options

Technical Data

Operating Pressure	Threaded = 400psi (27.6 bar) 150 Flanged = 250psi (17.2 bar) 300 Flanged = 400psi (27.6 bar)
Operating Temperature	Buna-N: 160°F (71°C) Maximum EPDM: 300°F (140°C) Maximum Viton®: 250°F (121°C) Maximum Epoxy Coating**: 140°F (60°F) Maximum