



Level Control Valve

with Modulating Horizontal Float

IR-450-60-R

The BERMAD Model IR-450-60-R Level Control Valve with Modulating Horizontal Float is a hydraulically operated, diaphragm actuated control valve. The valve hydraulically controls reservoir filling to maintain constant water level regardless of fluctuating demand.



Features and Benefits

- Line Pressure Driven, Hydraulically Controlled
- Modulating Hydraulic Float Control
 - “Always Full” reservoir
- Advanced Globe Hydro-Efficient Design
 - Unobstructed flow path
 - Single moving part
 - High flow capacity
- Fully Supported & Balanced Diaphragm
 - Requires low opening and actuation pressure
 - Excellent low flow regulation performance
 - Progressively restrains valve closing
 - Prevents diaphragm distortion
- External Installation
 - Easy access to valve and float
 - Less wear and tear
 - Simple in-line inspection and service



Typical Applications

- Large Surface Area Reservoirs
- Low Volume Reservoirs
- Unavailable Power Supply Locations
- Fertilizer Mixing Tanks

[1] BERMAD Model IR-450-60-R opens upon drop in reservoir level maintaining “Always Full” reservoir, and shuts on rise in reservoir level to preset high.

[2] BERMAD Modulating Horizontal Float Model “60”

[3] BERMAD Strainer Model 70F