

Level Control Valve

with Bi-Level Vertical Float

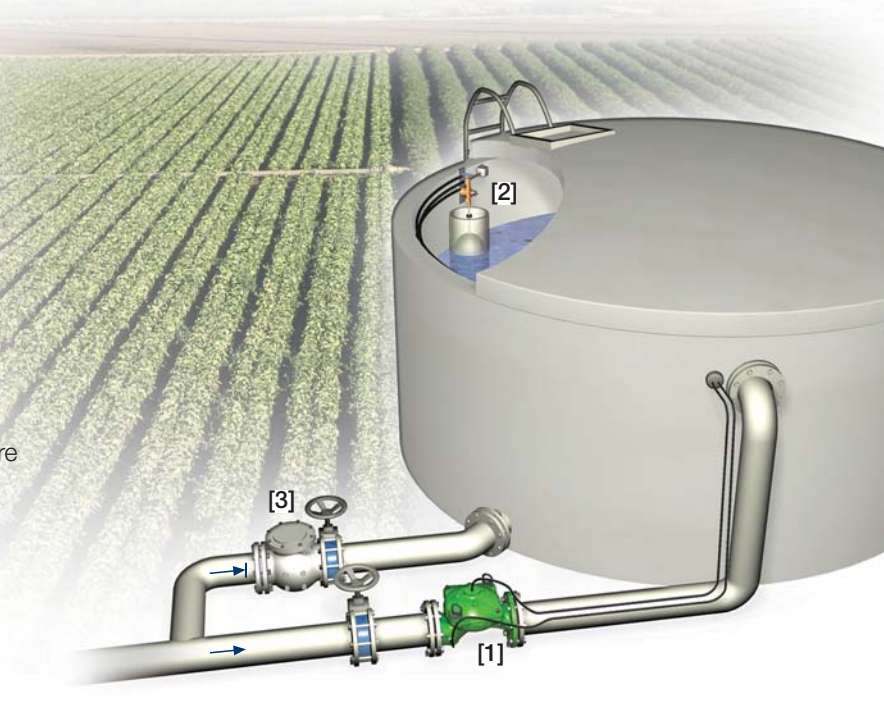
IR-450-66-Z

The BERMAD Model IR-450-66-Z Level Control Valve with Bi-Level Vertical Float is a hydraulically operated, diaphragm actuated control valve. The valve is hydraulically controlled to fully open at preset reservoir low level and to shut at preset high level.



Features and Benefits

- Line Pressure Driven, Hydraulically Controlled
- Bi-Level Hydraulic Vertical Float
 - On/Off service
 - Low cavitation damage
 - Suitable for low quality water
 - Easy level setting
- Advanced Globe Hydro-Efficient Design
 - Unobstructed flow path
 - Single moving part
 - High flow capacity
- Fully Supported & Balanced Diaphragm
 - Requires low opening and actuation pressure
 - 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

- Full Range of Low Level Reservoirs
- Unavailable Power Supply Locations
- Low Supply Pressure Systems
- Low Noise Generation Requirements
- Energy Cost-Critical Systems
- Systems with Poor Water Quality

[1] BERMAD Model IR-450-66-Z opens at reservoir preset low level and shuts at reservoir preset high level.

[2] BERMAD Bi-Level Vertical Float Model "66" in stilling tank

[3] Check Valve

