

## Level Control Valve

with Bi-Level Electric Float

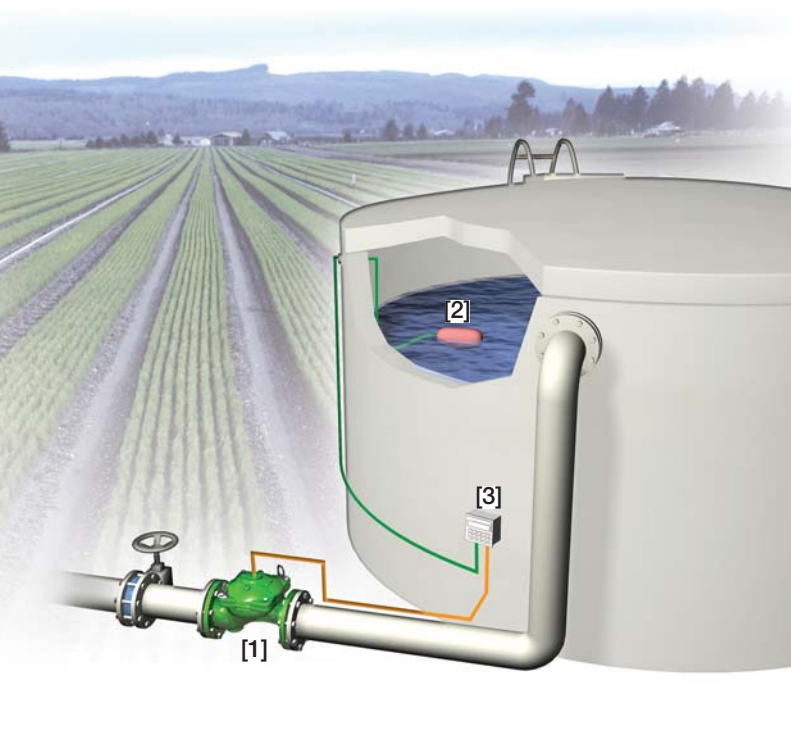
IR-450-65-Z

The BERMAD Model IR-450-65-Z Level Control Valve with Bi-Level Electric Float is a hydraulically operated, diaphragm actuated control valve that controls reservoir filling in response to an electric float switch signal, opening at pre-set low level and shutting at pre-set high level.



### Features and Benefits

- Line Pressure Driven, Electrically Controlled
- Bi-Level Electric Float Switch
  - On/Off service
  - Low cavitation damage
  - No hydraulic sensing tubes
  - Simplified float installation and 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
  - Simple in-line inspection and service



### Typical Applications

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

[1] BERMAD Model IR-450-65-Z opens at reservoir preset low level and shuts at reservoir preset high level in response to an electric signal received from the float switch as it changes positions.

[2] Bi-Level Float Switch Model "65"

[3] Level Controller

