



Flow Control Valve

with Solenoid Control

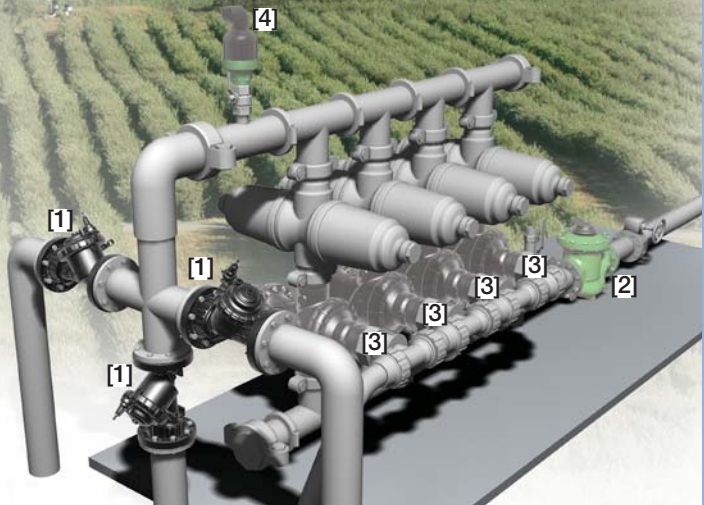
IR-170-55-bD

The BERMAD Flow Control Valve with Solenoid Control is a hydraulically operated, diaphragm actuated control valve that limits system demand to a preset maximum flow rate. It either opens or shuts in response to an electric signal.



Features and Benefits

- Line Pressure Driven, Electrically Controlled On/Off
 - Limits fill-up rate and consumer over-demand
- Adjustable Servo Flow Pilot Controlled
 - Dynamic integrated needle valve
- Engineered Plastic Valve with Industrial Grade Design
 - Adaptable on-site to a wide range of end connection sizes and types
 - Articulated flange connections eliminate mechanical and hydraulic stresses
 - Highly durable, chemical and cavitation resistant
- hYflow 'Y' Valve Body with "Look Through" Design
 - Ultra-high flow capacity - Low pressure loss
- Unitized Flexible Super Travel (FST) Diaphragm and Guided Plug
 - Accurate and stable regulation with smooth closing
 - Requires low actuation pressure
 - Prevents diaphragm erosion and distortion
- Internal "Differential Pressure Duct" Flow Sensor
 - No moving parts
 - Saves space and simplifies installation



Typical Applications

- Computerized Irrigation Systems
- Remote and/or Elevated Plots
- Line Fill-Up Control
- Multiple Independent Consumer Systems
- Distribution Centers
- Filter Stations

- [1] BERMAD Model IR-170-55-bD opens in response to an electric signal, limits fill-up rate and consumer over-demand, and maintains filter backwash pressure.
- [2] BERMAD Hydrometer Model IR-900-M0-Z
- [3] BERMAD Backwash Valve Model IR-3x3-350-S-P
- [4] BERMAD Air Release Valve Model ARC-A-P-I

