



Flow Control and Pressure Reducing Valve

with Solenoid Control

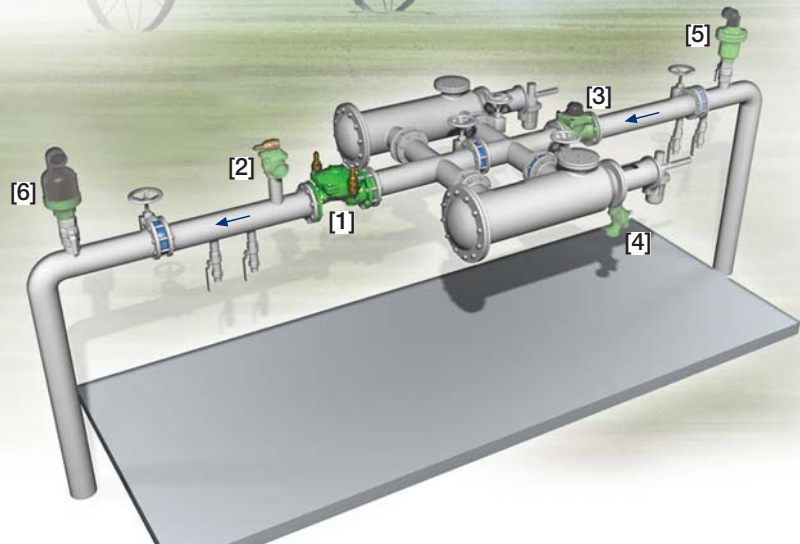
IR-472-55-bRU

The BERMAD Flow Control and Pressure Reducing Valve with Solenoid Control is a hydraulically operated, diaphragm actuated control valve that performs three independent functions. It controls system demand to a preset maximum flow rate; it reduces downstream pressure to a constant preset maximum, and it either opens or shuts in response to an electric signal from an irrigation computer.



Features and Benefits

- Hydraulic Flow & Pressure Control with Solenoid Control
 - Limits fill-up rate and consumer over-demand
 - Protects downstream systems
 - Electrically controlled On/Off
- Advanced Globe Hydro-Efficient Design
 - Unobstructed flow path
 - Single moving part
 - High flow capacity
- Fully Supported & Balanced Diaphragm
 - Requires low actuation pressure
 - Excellent low-flow regulation performance
 - Prevents diaphragm distortion
- Hydraulic Flow Sensor (upstream installation)
 - No Moving parts
 - No need for flow straightening
- Simple In-Line Inspection and Service



Typical Applications

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

- [1] BERMAD Model IR-472-55-bRU opens in response to an electric signal, limits fill-up rate and consumer over-demand, and reduces system pressure.
- [2] BERMAD Relief Valve Model IR-43Q-R
- [3] BERMAD Water Meter Model WPH
- [4] BERMAD Filter Flush Valve Model IR-405-Z
- [5] BERMAD Air Valve Model ARC-A-I-I
- [6] BERMAD Air Valve Model ARC-A-P-I

