

Pressure Reducing and Sustaining Valve

with Solenoid Control

IR-423-55-R

The BERMAD Pressure Reducing and Sustaining Valve with Solenoid Control is a hydraulically operated, diaphragm actuated control valve that performs three independent functions. The BERMAD Model IR-423-55-R sustains the preset minimum upstream pressure, reduces downstream pressure to a constant preset maximum, and it either opens or shuts in response to an electric signal.

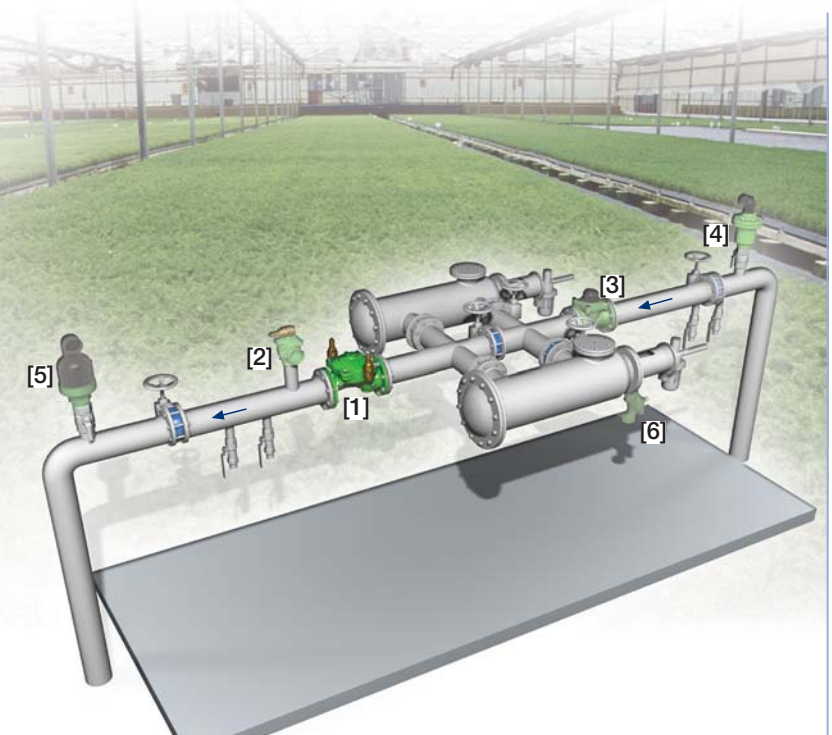


Features and Benefits

- Hydraulic Pressure Control with Solenoid Control
 - Line pressure driven
 - Sustains upstream line pressure
 - Controls system fill-up
 - 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 opening and actuation pressure
 - Excellent low flow regulation performance
 - Progressively restrains valve closing
 - Prevents diaphragm distortion
- Simple In-Line Inspection and Service

Typical Applications

- Computerized Irrigation
- Remote and/or Elevated Plots
- Pressure Zone Prioritizing
- Line Fill-Up Control
- Line Emptying Prevention
- Pressure Reducing Stations
- Irrigation Machines
- Low Supplied Pressure Irrigation Systems



- [1] BERMAD Model IR-423-55-R opens in response to an electric signal, sustains filter back flush pressure and reduces system pressure.
- [2] BERMAD Relief Valve Model IR-43Q
- [3] BERMAD Water Meter Model WPH
- [4] BERMAD Air Valve Model ARC-A-I-I
- [5] BERMAD Air Valve Model ARC-A-P-I
- [6] BERMAD Filter Flush Valve Model IR-405-Z