



Pressure Reducing Valve

with solenoid control

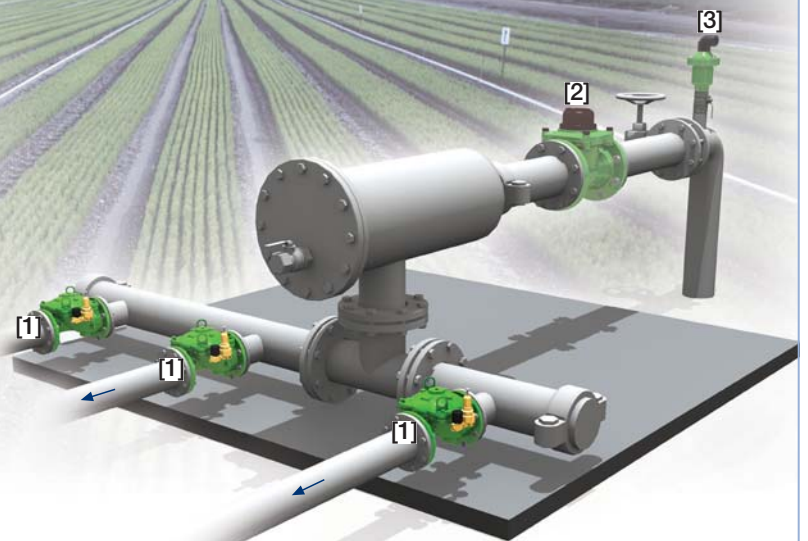
IR-420-55

The BERMAD Model IR-420-55 Pressure Reducing Valve with Solenoid Control is a hydraulically operated, diaphragm actuated control valve that reduces higher upstream pressure to lower constant downstream pressure regardless of fluctuating demand or varying upstream pressure. The BERMAD Model IR-420-55 opens and shuts in response to an electric signal.



Features and Benefits

- Line Pressure Driven PRV, Electrically Controlled On/Off
 - Protects downstream systems
 - Wide range of pressures and voltages
 - Normally Open, Normally Closed or Last Position
- 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
- User Friendly Design
 - Easy pressure setting
 - Simple in-line inspection and service



Typical Applications

- Pressure Reducing Stations
- Flow and Leakage Reduction
- Cavitation Damage Protection
- Source and "On Duty" Valves Management
- Pressure Zone Isolation
- Downhill Supply Lines
- System Maintenance Savings

- [1] BERMAD Model IR-420-55 opens in response to an electric signal establishing a reduced pressure zone.
- [2] BERMAD Water Meter Model WPH
- [3] BERMAD Air Relief Valve Model ARC-A-I-I