

Pressure Reducing Valve

IR-420-XZ

The BERMAD Model IR-420-XZ Pressure Reducing Valve is a hydraulically operated, diaphragm actuated control valve that reduces higher upstream pressure to lower constant downstream pressure regardless of fluctuating demand and opens fully upon line pressure drop.



Features and Benefits

■ 3-Way Hydraulically Actuated Pressure Reducing Valve

- Protects downstream systems
- Opens fully upon line pressure drop

■ Advanced Globe Hydro-Efficient Design

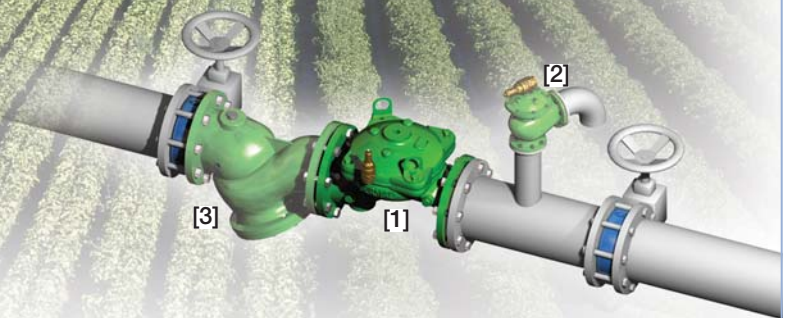
- Unobstructed flow path
- Single moving part
- High flow capacity

■ Fully Supported & Balanced Diaphragm

- Requires low actuation pressure
- Excellent low flow regulation performance
- Progressively restrains valve closing
- Prevents diaphragm distortion

■ User Friendly Design

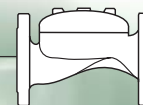
- Easy pressure setting
- Simple in-line inspection and service
- Easy addition of control features



Typical Applications

- Pressure Reducing Stations
- Flow and Leakage Reduction
- Systems Subject to Varying Supply Pressure
- Energy Saving Irrigation Systems
- Downhill Supply Lines
- Pressure Zoning
- System Maintenance Savings

- [1] BERMAD Model IR-420-XZ reduces line pressure, protecting downhill line and consumers.
- [2] BERMAD Pressure Relief Valve Model 73Q
- [3] BERMAD Strainer Model 70F



Pressure Reducing Valve

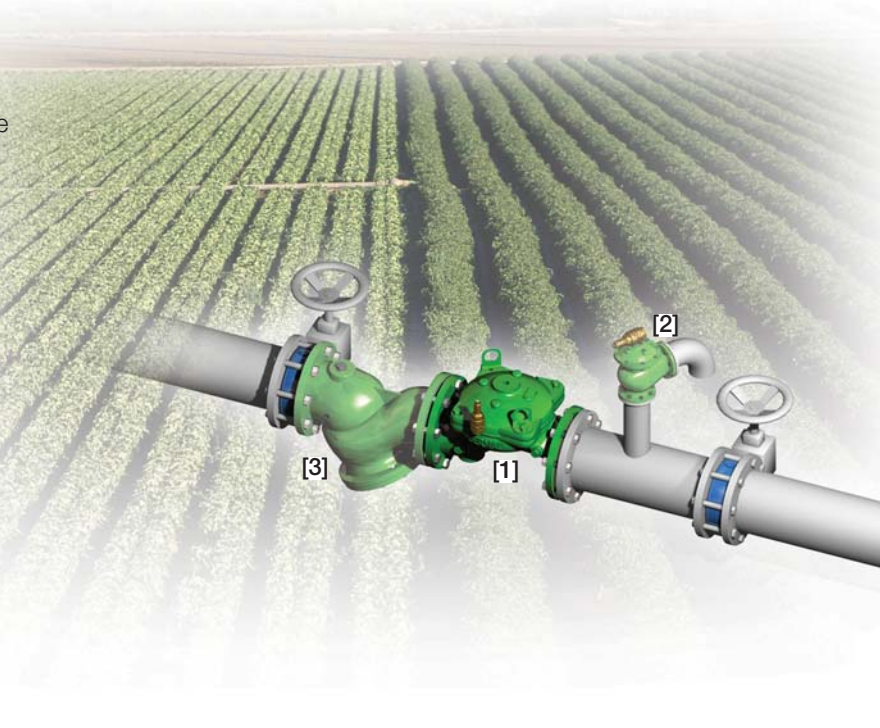
IR-420

The BERMAD Model IR-420 Pressure Reducing Valve 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.



Features and Benefits

- Line Pressure Driven Pressure Reducing Valve
 - Protects downstream systems
- 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
 - Progressively restrains valve closing
 - Prevents diaphragm distortion
- User Friendly Design
 - Easy pressure setting
 - Simple in-line inspection and service
 - Easy addition of control features



Typical Applications

- Pressure Reducing Stations
- Flow and Leakage Reduction
- Cavitation Damage Protection
- Pressure Zoning
- Downhill Supply Lines
- System Maintenance Savings

- [1] BERMAD Model IR-420 reduces line pressure, protecting downhill line and consumers.
- [2] BERMAD Pressure Relief Valve Model 73Q
- [3] BERMAD Strainer Model 70F

