



Pressure Sustaining Valve

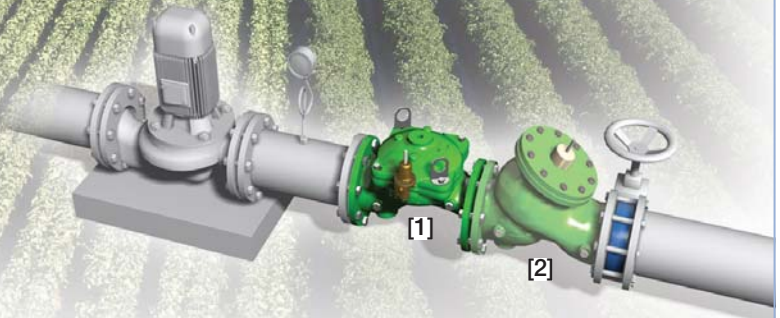
IR-430-XZ

The BERMAD Model IR-430-XZ Pressure Relief/Sustaining Valve is a hydraulically operated, diaphragm actuated control valve that it sustains minimum preset upstream (back) pressure regardless of fluctuating flow or varying downstream pressure.



Features and Benefits

- 3-Way Hydraulic Actuated Pressure Sustaining Valve
 - Controls system fill-up
 - Sustains upstream line pressure
 - Opens fully upon line pressure rise
 - Prioritizes pressure zones
- 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

- Downhill Supply Lines Emptying Prevention
- Systems Subject to Varying Supply Pressure
- Energy Saving Irrigation Systems
- Pressure Zone Prioritizing
- Line Fill-Up Control
- Pump Overload and Cavitation Protection

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- [1] BERMAD Model IR-430-XZ protects pump from overload and cavitation, prevents main line emptying, and controls system fill-up.
- [2] BERMAD Check Valve Model 70N