



Pressure Reducing and Sustaining Valve

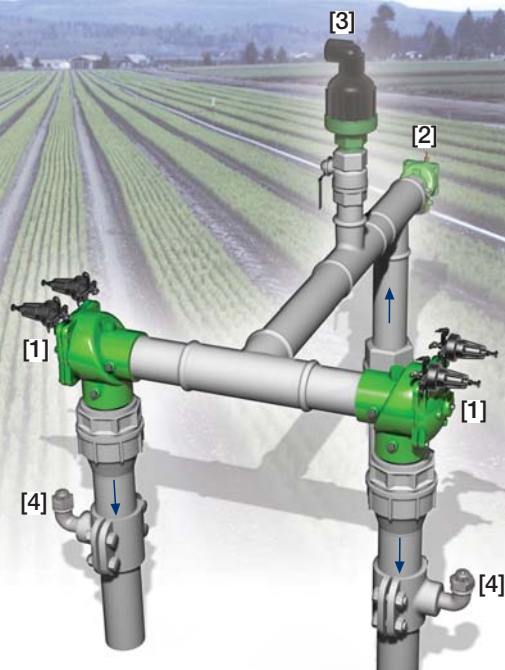
IR-423-KXZ

The BERMAD Model IR-423-KXZ is a hydraulically operated, diaphragm actuated control valve that sustains minimum preset upstream (back) pressure and reduces downstream pressure to a constant preset maximum.



Features and Benefits

- Line Pressure Driven, Hydraulically Controlled
 - Protects downstream system
 - Prioritizes pressure zones
 - Controls system fill-up
- 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

- Line Fill-Up Control Solutions
- Line Emptying Prevention
- Pressure Reducing Systems
- Infield Filter Backwash Pressure Sustaining

- [1] BERMAD Model IR-423-KXZ sustains supply system pressure thereby preventing emptying, controls laterals and distribution line fill-up, and reduces their operating pressure.
- [2] BERMAD Relief Valve Model IR 43Q-R
- [3] BERMAD Air Valve Model ARA-A-P-P
- [4] BERMAD Vacuum Breaker Model 1/2"-ARV