

Pressure Reducing and Sustaining Valve

Normally Closed with Hydraulic Control

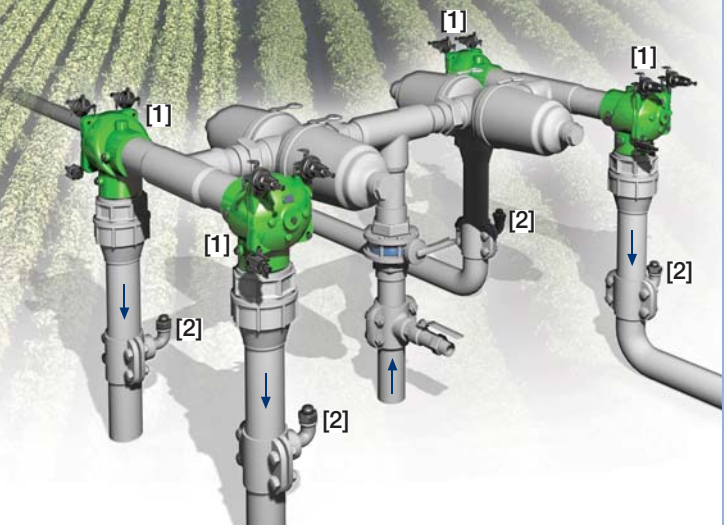
IR-423-54-KX

The BERMAD Model IR-423-54-KX is a hydraulically operated, diaphragm actuated control valve that sustains minimum preset upstream (back) pressure and reduces downstream pressure to a constant preset maximum. It is a Normally Closed valve, which opens in response to a remote pressure rise command and shuts in the absence of that command.



Features and Benefits

- Line Pressure Driven, Normally Closed
 - Closes upon control failure
 - Protects downstream system
 - Prioritizes pressure zones
 - Controls system fill-up
 - Amplifies and relays weak remote command
- 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



Typical Applications

- Computerized Irrigation Systems
- Line Fill-Up Control Solutions
- Pressure Reducing Systems
- Remote and/or Elevated Plots
- Infield Filter Backwash Pressure Sustaining
- Distribution Centers

- [1] BERMAD Model IR-423-54-KX opens upon pressure rise command, sustains supply system pressure, controls laterals and distribution line fill-up, and reduces their operating pressure.
- [2] BERMAD Vacuum Breaker Model 1/2"-ARV

