

# Pressure Reducing and Sustaining Valve

with Solenoid Control

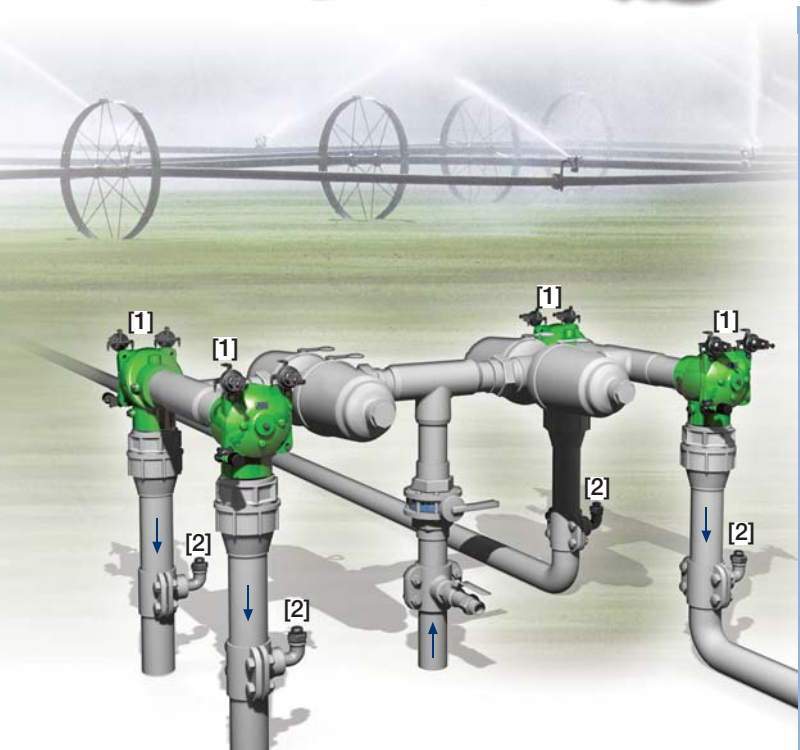
IR-423-55-KX

The BERMAD Model IR-423-55-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 either opens or shuts in response to an electric signal.



## Features and Benefits

- Line Pressure Driven, Electrically Controlled On/Off
  - Protects downstream system
  - Prioritizes pressure zones
  - Controls system fill-up
  - Sustains upstream line pressure
- 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
- Systems Subject to Varying Supply Pressure
- Distribution Centers

- [1] BERMAD Model IR-423-55-KX opens in response to electric signal, sustains supply pressure, controls laterals and distribution line fill-up, and reduces their operating pressure.  
[2] BERMAD Vacuum Breaker Model 1/2"-ARV

