



# Pressure Sustaining Valve

with Hydraulic Control, Metal Accessories

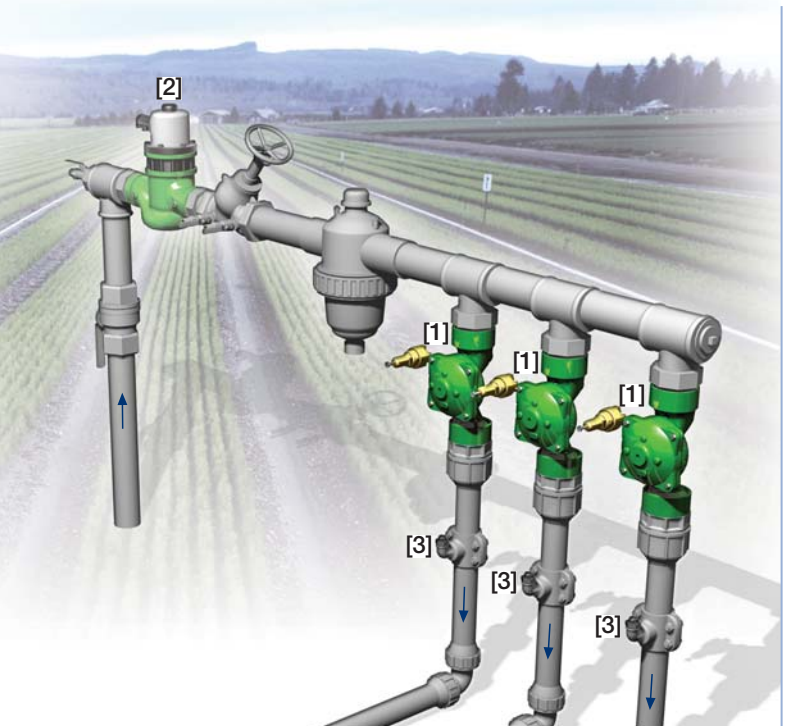
**IR-430-50-RXZ**

The BERMAD Pressure Sustaining Valve is a hydraulically operated, diaphragm actuated control valve that sustains minimum preset upstream (back) pressure and opens fully when line pressure is in excess of setting. It either opens or shuts in response to a remote pressure command.



## Features and Benefits

- Line Pressure Driven, Hydraulically Controlled On/Off
  - Prioritizes pressure zones
  - Controls system fill-up
  - Opens fully upon line pressure rise
- Metal Control Accessories
  - Damage resistant
  - High pressure rating
- 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
- Simple In-Line Inspection and Service



## Typical Applications

- Computerized Irrigation Systems
- Line Fill-Up Control Solutions
- Line Emptying Prevention
- Infield Filters Backwash Pressure Sustaining
- Systems Subject to Varying Supply Pressure
- Distribution Centers

- [1] BERMAD Model IR-430-50-RXZ opens upon pressure drop command, sustains supply system pressure, and controls laterals and distribution line fill-up.
- [2] BERMAD Automatic Metering Valve Model IR-900-D0
- [3] BERMAD Vacuum Breaker Model 1/2"-ARV