

# Pressure Relief/Sustaining Valve

with Hydraulic Control

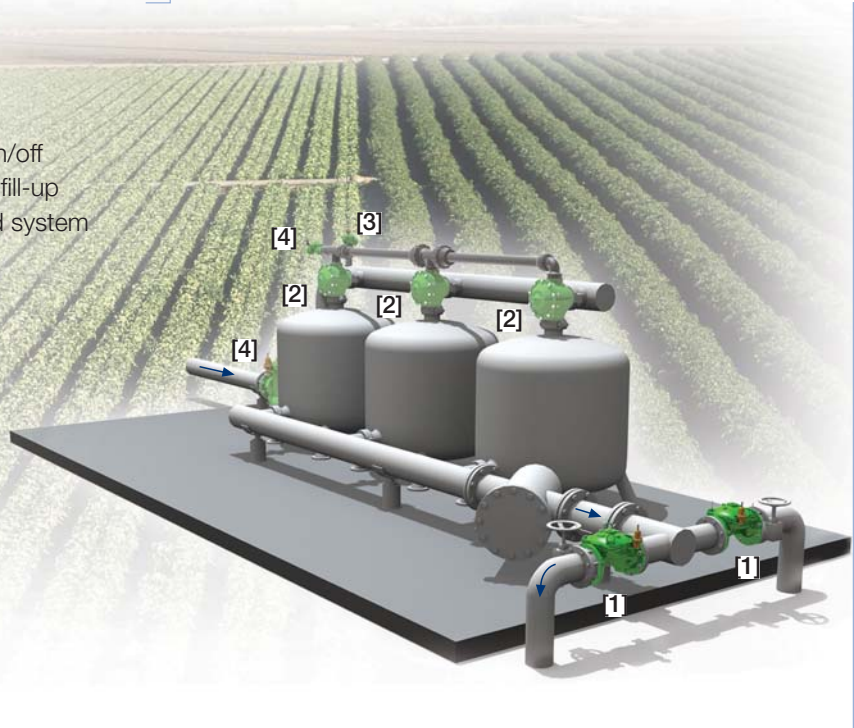
IR-430-50-R

The BERMAD Model IR-430-50-R is a hydraulically operated, diaphragm actuated control valve that sustains minimum preset upstream (back) pressure regardless of fluctuating flow or varying downstream pressure. It either opens or shuts in response to a remote pressure commands. When installed offline, the BERMAD Model IR-430-50-R relieves line pressure in excess of preset.



## Features and Benefits

- Hydraulic Pressure Control
  - Line pressure driven, hydraulically controlled on/off
  - Sustains supply pressure and controls system fill-up
  - Relieves excess pressure protecting pump and system
- 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 performances
  - Progressively restrains valve closing
  - Prevents diaphragm distortion
- User-Friendly Design
  - Easy pressure setting
  - Simple in-line inspection and service



## Typical Applications

- Computerized Irrigation Systems
- Pressure Zone Prioritizing
- Line Fill-Up Control
- Line Emptying Prevention
- Irrigation Machines
- Distribution Centers
- Low Supplied Pressure Irrigation Systems

- [1] BERMAD Model IR-430-50-R opens upon pressure drop command sustaining filter back flush pressure.
- [2] BERMAD Backwash Valve Model IR-3x2-350-A-I
- [3] BERMAD Relief Valve Model IR-43Q-R
- [4] BERMAD Backwash Flow Control Valve Model IR-470-ebKU
- [5] BERMAD N.C. Pressure Reducing Hydrometer Model IR-920-M0-54-R

