

# Pressure Reducing and Sustaining Valve

with Solenoid Control

**IR-123-55-X**

The BERMAD Model IR-123-55-X 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.

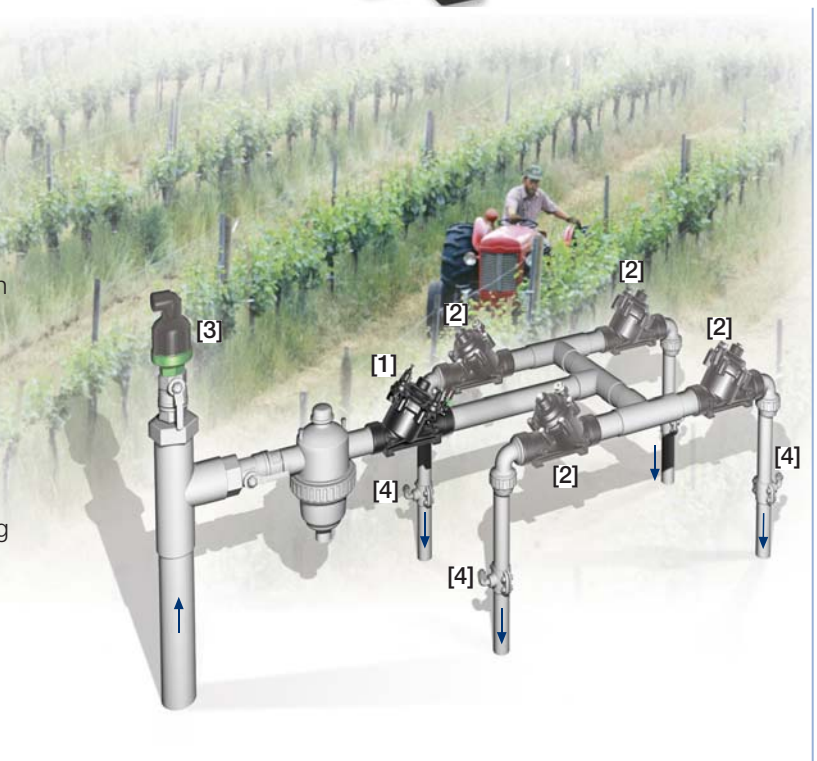


## Features and Benefits

- Line Pressure Driven, Electrically Controlled On/Off
  - Protects downstream system
  - Prioritizes pressure zones
  - controls system fill-up
  - Sustains upstream line pressure
- Engineered Plastic Valve with Industrial Grade Design
  - Highly durable, chemical and cavitation resistant
  - No internal bolts and nuts
- hYflow 'Y' Valve Body with "Look Through" Design
  - Ultra-high flow capacity – Low pressure loss
- Unitized Flexible Super Travel (FST) Diaphragm and Guided Plug
  - Accurate and stable regulation with smooth closing
  - Requires low opening and actuation pressure
  - Prevents diaphragm erosion and 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
- Energy Saving Irrigation Systems



- [1] BERMAD Model IR-123-55-X opens in response to electric signal, sustains supply pressure, controls laterals and distribution line fill-up, and reduces their operating pressure.
- [2] BERMAD Solenoid Controlled Valve Model IR-110-N1-2W
- [3] BERMAD Air Valve Model ARA-A-P-P
- [4] BERMAD Vacuum Breaker Model 1/2"-ARV