

Pressure Reducing and Sustaining Valve

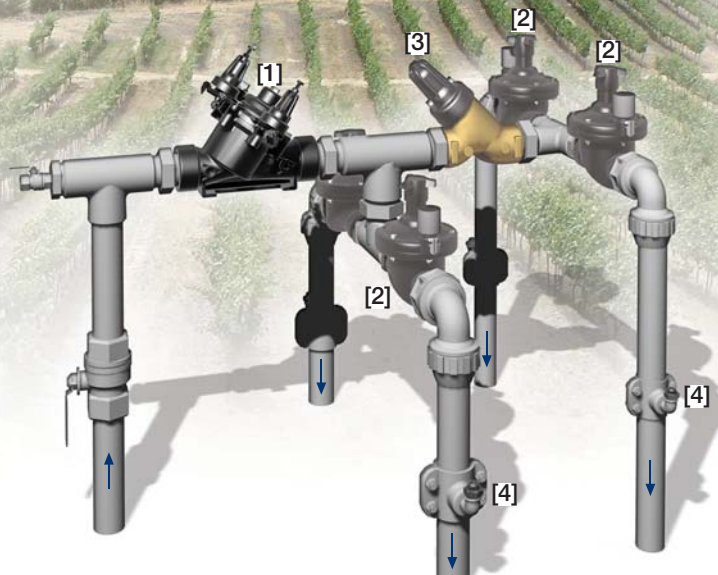
IR-123-XZ

The BERMAD Model IR-123-XZ is a hydraulically operated, diaphragm actuated control valve that sustains minimum preset upstream (back) pressure and reduces downstream pressure to a constant preset maximum.



Features and Benefits

- Line Pressure Driven, Hydraulically Controlled
 - Protects downstream system
 - Prioritizes pressure zones
 - Controls system fill-up
- 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

- Line Fill-Up Control Solutions
- Line Emptying Prevention
- Pressure Reducing Systems
- Infield Filter Backwash Pressure Sustaining
- Energy Saving Irrigation Systems

- [1] BERMAD Model IR-123-XZ sustains supply system pressure, and establishes reduced higher pressure zone.
- [2] BERMAD Solenoid Controlled Valve Model 210-N1
- [3] BERMAD Pressure Reducer Model 1 1/2-PRV
- [4] BERMAD Vacuum Breaker Model 1/2-ARV