# **BERMAD** Irrigation



Pressure Reducing

# Direct Acting Pressure Reducer

with Manual Closure

#### 2"- PRV

The BERMAD Direct Acting Pressure Reducer is actuated by a pressure responsive piston, which seeks to reach equilibrium between hydraulic and set spring force. The BERMAD Model 2"-PRV brass body and reinforced plastic actuator assembly endow it with excellent hydraulic performance capabilities and particularly high mechanical strength. Supplied with a special throttling plug, it reduces higher upstream pressure to lower constant downstream pressure even under conditions of near zero demand, and seals drip-tight under no-flow conditions.

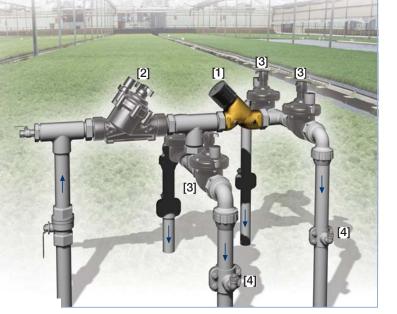


### Features and Benefits

- Metal Body and Advanced Construction Materials
  - Suitable for metal piping installations
  - Rigid construction, high stress resistance
  - Proven pressure, flow and weather resistance
- Direct Acting Pressure Reducer with Manual Closure
  - Protects downstream
  - Immediate response
  - Enables local manual closing
- Throttling Plug with Nitril Seal Disk
  - Accurate and stable low-flow regulation
  - Drip-tight sealing under no-flow conditions
- Piston and Guided Plug Actuated
  Accurate and repeatable operation
- Can be installed at any orientation

## **Typical Applications**

- Primary PRV for High △P Pressure Reducing Systems
- Pressure Zoning in Topographic Areas
- Secondary Protection of Sensitive Lines
- Pressure Reduction for Marginal Plots



- [1] BERMAD Model 2"-PRV establishes a reduced pressure zone for lower elevation plots, protecting laterals and distribution line.
- [2] BERMAD Solenoid Controlled Valve Model IR-110-N1
- [3] BERMAD Solenoid Controlled Valve Model IR-210-N-M
- [4] BERMAD Vacuum Breaker Model 1/2"-ARV

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