

# Adjustable Direct Acting Low Flow Pressure Reducer

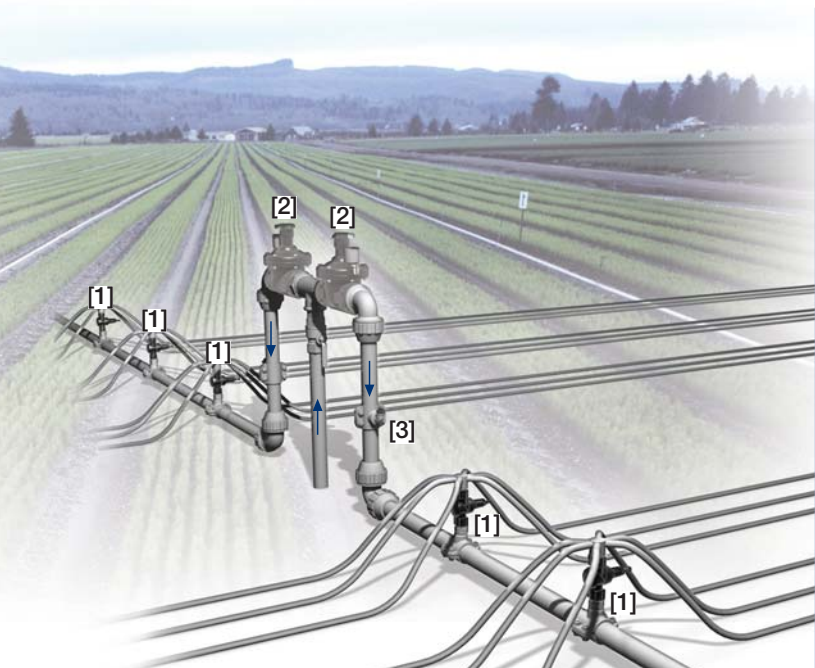
## 1"- PRV-05

The BERMAD Adjustable Direct Acting Low Flow Pressure Reducer is actuated by a pressure responsive diaphragm, which seeks to reach equilibrium between hydraulic and set spring force. The BERMAD Model 1"-PRV-05 is built of reinforced plastic that endows it with excellent hydraulic performance capabilities and high mechanical strength. Supplied with a special throttling plug and elastomeric seal, it reduces higher upstream pressure to lower constant downstream pressure even under conditions of near zero demand.



## Features and Benefits

- Advanced Construction Materials
  - High mechanical strength
  - Proven pressure, flow and weather resistance
- Adjustable Direct Acting Pressure Reducer
  - Constant downstream pressure
  - Immediate response
  - Settable according to season and stage
- Plastic Body and Trim
  - Highly durable, chemical and cavitation resistant
  - Minimizes friction
- Unitized Rolling Diaphragm and Guided Plug
  - Accurate and stable regulation
  - Prevents diaphragm distortion
- User-Friendly Design
  - Can be installed at any orientation
  - Simple in-line inspection and service



## Typical Applications

- Distribution Line Lateral Risers
- Non-Compensating Drip-Line Flow Fixation
- Lateral Final Burst Protection
- Pressure Reduction for Marginal Plots

- [1] BERMAD Model 1"-PRV-05 protects laterals and compensates for line friction, ensuring dripper flow per design.
- [2] BERMAD Solenoid Controlled Valve Model IR-210-N-M
- [3] BERMAD Vacuum Breaker Model 1/2"-ARV

