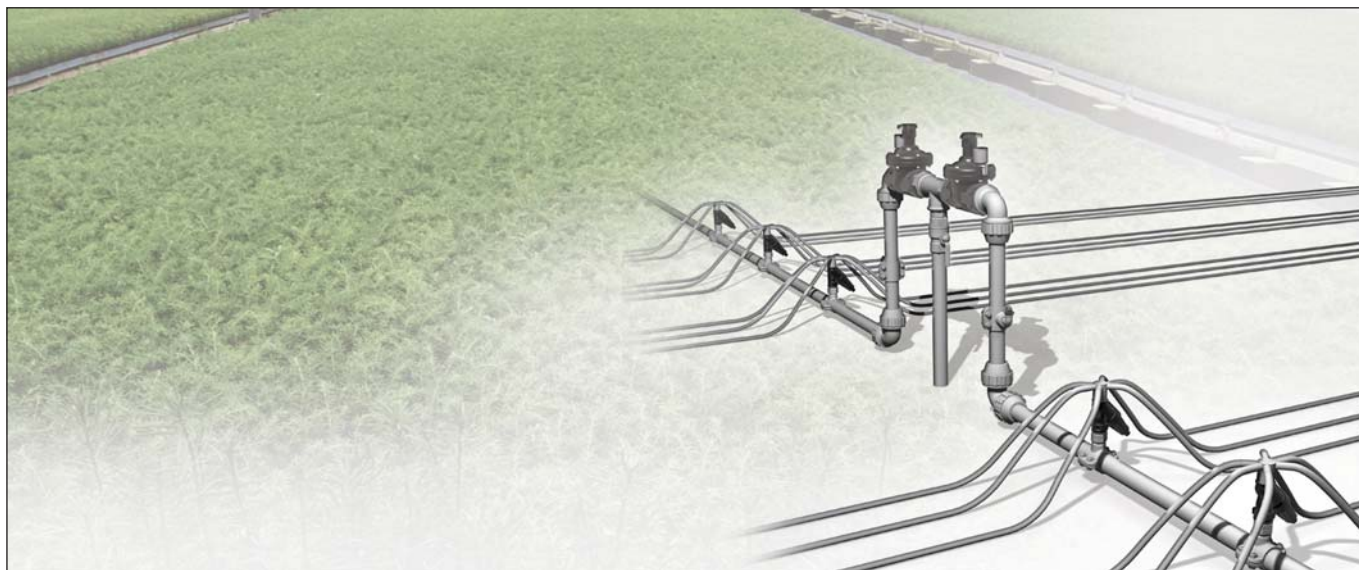


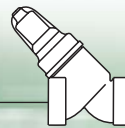
## Pressure Reducing for Infield Systems

Non-compensated irrigation emitters and drip-tape laterals often require a means of final pressure reduction, compensating for elevation differences and line friction, and providing laterals with burst protection. Direct acting pressure reducers and pressure reducing valves provide simple and cost effective solutions for this purpose.



### Typical Applications:

- Non-Compensating Drip-Line Flow Fixation
- Lateral Final Burst Protection
- Primary PRV for High  $\Delta P$  Pressure Reducing Systems
- Secondary Protection of Sensitive Lines
- Pressure Zoning in Topographic Areas
- Pressure Reduction for Marginal Plots
- Distribution Line Lateral Risers (PRV Series)
- Irrigation Machine Sprinkler Flow Control (PRV Series)
- Single Sprinkler Flow Fixation (PRV Series)



3/4"-PRV



3/4"-PRV-05  
Low-Flow

### Adjustable Direct Acting BERMAD Plastic Pressure Reducers

3/4"-PRV

3/4"-PRV-05

The BERMAD Adjustable Direct Acting Pressure Reducer is actuated by a pressure responsive diaphragm, which seeks to reach equilibrium between hydraulic and set spring force. The BERMAD Mode 3/4"-PRV is built of reinforced plastic that endows it with excellent hydraulic performance capabilities and high mechanical strength. It reduces higher upstream pressure to lower constant downstream pressure regardless of fluctuating demand or varying upstream pressure. The Model 3/4"-PRV-05 is supplied with a special throttling plug and elastomeric seal, and reduces pressure even under conditions of near zero demand.



1"-PRV



1"-PRV-05  
Low-Flow

### Adjustable Direct Acting BERMAD Plastic Pressure Reducer

1"-PRV

1"-PRV-05

This BERMAD Adjustable Direct Acting Pressure Reducer suits Flow Range of 0.45-7 m<sup>3</sup>/h; 2-31 gpm. The Model 1"-PRV-05 is supplied with a special throttling plug and elastomeric seal, and suits Flow Ranges of 0.1-7 m<sup>3</sup>/h; 0.4-31 gpm



### Adjustable Direct Acting BERMAD Metal Pressure Reducer

1 1/2"-PRV

This BERMAD Adjustable Direct Acting Pressure Reducer has a brass body and reinforced plastic actuator assembly, which endow it with particularly high mechanical strength. It is supplied with a special throttling plug and elastomeric seal. It reduces pressure even under conditions of near zero demand, and seals drip-tight under no-flow conditions. It suits Flow Ranges of 0.45-18 m<sup>3</sup>/h; 2-80 gpm.



### Direct Acting BERMAD Metal Pressure Reducer with Manual Closure

2"-PRV

This BERMAD Direct Acting Pressure Reducer has a brass body and reinforced plastic actuator assembly, which 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.