



PRESSURE REDUCING TOP PILOT VALVE

Model IR-22T-2W

The BERMAD Top Pilot valves are Pilot Integrated pressure reducing valves equipped with adjustment knob and scale for easy calibration. Saving accessories, assembly labor & fittings, Top Pilot valves introduce compact "Box-Size", with high regulation performances.

Model IR-22T-2W reduces higher upstream pressure to lower constant downstream pressure, modulate to open upon line pressure drop.



- [1] BERMAD Model IR-22T-2W establishes reduced pressure zone, protecting laterals and distribution line.
- [2] Kinetic Air Valve
- [3] Combination Air Valve

Features and Benefits

- Line Pressure Driven, Hydraulically Controlled
 - Protects downstream systems
 - Modulate to open upon line pressure drop
- 2-Way Integrated pilot - user friendly design
 - Adjustment knob and scale for easy calibration without gauge
 - Compact "Box-Size", saving labor & fittings
 - Uniquely suitable for 1.5" and 2" - 200 series
- Plastic Globe Hydro-Efficient Valve
 - Unobstructed flow path
 - Single moving part
 - High flow capacity
 - Highly durable, chemical and cavitation resistant
- Unitized Flexible Diaphragm and Guided Plug
 - Excellent low flow regulation performance
 - Prevents diaphragm erosion and distortion
- Fully Supported & Balanced Diaphragm
 - Requires low actuation pressure

Typical Applications

- Computerized Irrigation Systems
- Systems Subject to Varying Supply Pressure
- Plot valves in Drip & Sprinklers irrigation systems
- Energy Saving Irrigation Systems
- Greenhouses
- Landscape

Operation:

The Pressure Reducing Pilot **1** commands the main Valve to throttle closed should Downstream Pressure **P2** rise above pilot setting, and to modulate open when it drops below pilot setting. The Integrated Trio Selector **2** enables local manual closing and opening.

