

Pressure Reducing and Sustaining Hydrometer

Magnetic Drive with Solenoid Control

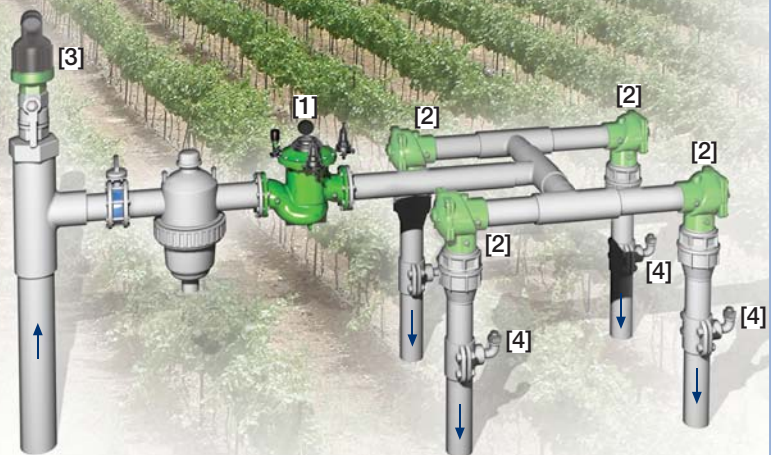
IR-923-M0-55-KX

The BERMAD Model IR-923-M0-55-KX integrates a vertical turbine Woltman-type water meter with a diaphragm actuated hydraulic control valve. Serving as Flow Meter and Main Valve, it controls irrigation together with the irrigation controller. The BERMAD Hydrometer sustains minimum preset upstream (back) pressure and reduces downstream pressure to a constant preset maximum. It either opens or shuts in response to an electric signal.



Features and Benefits

- Integrated "All-in-One" Control Valve
 - Saves space, cost and maintenance
- Line Pressure Driven, Electrically Controlled On/Off
 - Prioritizes pressure zones
 - Controls system fill-up
 - Protects downstream system
- Magnetic Drive with Vacuum-Sealed Register
 - Water-free gear train mechanism
 - Reed-switch and Opto pulse-generating modes
 - Various pulse combinations
- Internal Inlet & Outlet Flow Straighteners
 - Saves on straightening distances
 - Maintains accuracy
- Integrated Flow Metering Calibration Device
- Simple In-Line Inspection and Service



Typical Applications

- Computerized Irrigation Systems
- Flow Monitoring & Leakage Control
- Remote and/or Elevated Plots
- Line Fill-Up Control Solutions
- Systems Subject To Varying Supply Pressure
- Infield Filter Backwash Pressure Sustaining

- [1] BERMAD Model IR-923-M0-55-KX opens in response to electric signal, sustains supply pressure, protects downstream systems, and measures flow.
- [2] BERMAD On/Off Control Valve Model IR-405-Z
- [3] BERMAD Air Valve Model ARC-A-P-I
- [4] BERMAD Vacuum Breaker Model 1/2"-ARV

