

Flow Control Hydrometer

Magnetic Drive with Solenoid Control

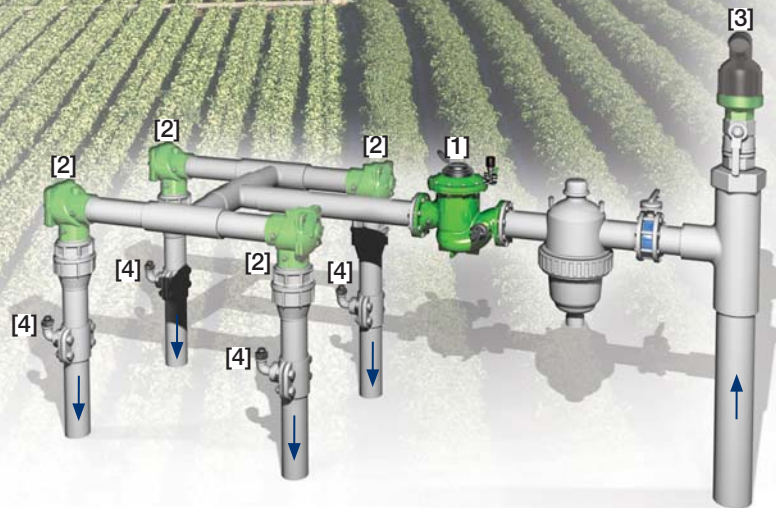
IR-970-M0-55-KV

The BERMAD Model IR-970-M0-55-KV integrates a vertical turbine Woltman-type water meter and a diaphragm actuated hydraulic control valve. Serving as Flow Meter and Main Valve, it controls irrigation together with the irrigation controller. The BERMAD Hydrometer limits the flow 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
 - Limits fill-up rate and consumer over-demand
- 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
- User-Friendly Design
 - Easy pressure setting
 - Simple in-line inspection and service



Typical Applications

- Computerized Irrigation Systems
- Flow Monitoring & Leakage Control
- Remote and/or Elevated Plots
- Multiple Independent Consumer Systems
- Line Fill-Up Control Solutions
- Distribution Centers

- [1] BERMAD Model IR-970-M0-55-KV opens in response to electric signals, sustains pressure to protect supply system, 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

