



Flow Control and Pressure Reducing Hydrometer

Magnetic Drive with Solenoid Control



IR-972-M0-55-RV

The BERMAD Model IR-972-M0-55-RV integrates a vertical turbine Woltman-type water meter with a diaphragm actuated hydraulic control valve. As the system's Flow Meter and Main Valve, it controls irrigation together with the irrigation controller. The BERMAD Hydrometer limits the flow and 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
- Hydraulic Flow & Pressure Control with Solenoid Control
 - Limits fill-up rate & consumers over-demand
 - Protects downstream systems
- Magnetic Drive with Vacuum-Sealed Register
 - Water-free gear train mechanism
 - Reed-switch and Opto pulse-generating modes
 - Varios pulse combinations
- Internal Inlet & Outlet Flow Straighteners
 - Saves on straightening distances
 - Maintains accuracy
- Integrated Flow Metering Calibration Device
- Pedal-Type Hydro-Mechanic Flow Pilot
 - No added head loss
 - Easy flow and pressure setting
 - With wide setting range



Typical Applications

- Computerized Irrigation Systems
- Flow Monitoring and Leakage Control
- Multiple Independent Consumer Systems
- Pressure Reducing Stations
- Distribution Centers

- [1] BERMAD Model IR-972-M0-55-RV opens in response to an electric signal, limiting over demand, and establishing reduced pressure zones.
- [2] BERMAD Pressure Reducing & Flow Control Hydrometer Model IR-972-M0-55-RV (3"R; DN80R and smaller)
- [3] BERMAD Main Valve with Solenoid Control Model IR-410-R
- [4] BERMAD Strainer Model 70F
- [5] BERMAD Air Valve Model ARC-A-I-I

