

Flow Control Hydrometer

Magnetic Drive with Solenoid Control

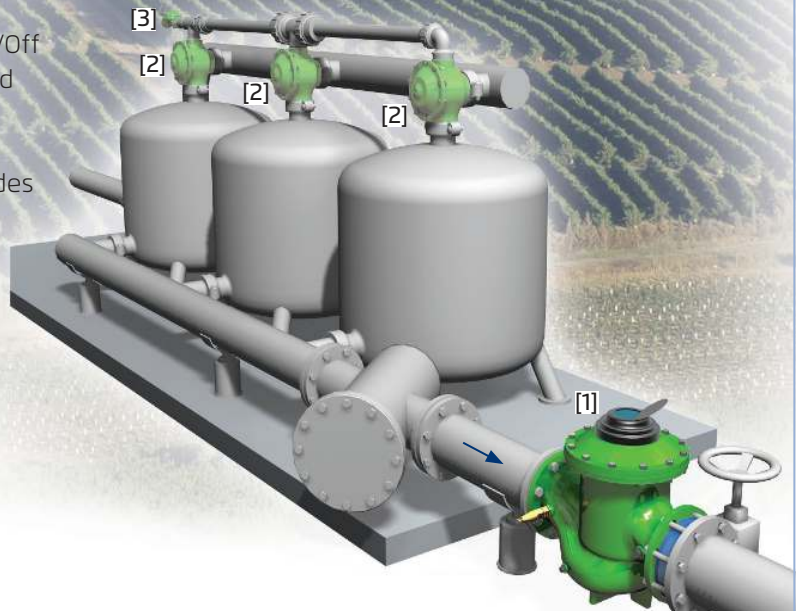
IR-970-M0-55-RV

The BERMAD Model IR-970-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 system 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
- Paddle-Type Hydro-Mechanic Flow Pilot
 - No added head loss
 - Wide setting range
- Simple In-Line Inspection and Service



Typical Applications

- Computerized Irrigation Systems
- Remote Flow Data Read-Out
- Distanced and/or Elevated Plots
- Flow Monitoring and Leakage Control
- Multiple Independent Consumer Systems
- Line Fill-Up Control
- Irrigation Machines
- Filter Stations

[1] BERMAD Model IR-970-M0-55-RV opens in response to an electric signal, limits fill-up rate and consumer over-demand, and measures flow.

[2] BERMAD Backwash Valve Model IR-3x2 350-A-I

[3] BERMAD Backwash Flow Control Valve Model IR-470-beKU

