

Pressure Sustaining Hydrometer

Magnetic Drive, Normally Closed with Hydraulic Control

IR-930-M0-54-KX

The BERMAD Model IR-930-M0-54-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 opens fully when line pressure is in excess of setting. It is a Normally Closed Hydrometer, which opens in response to a remote pressure rise command and shuts in the absence of that command.

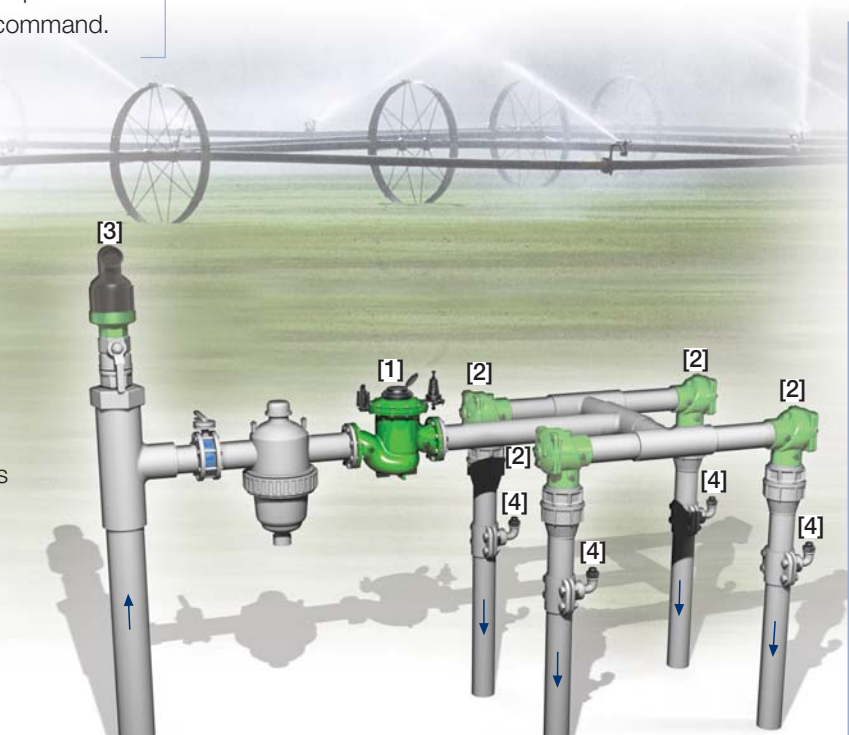


Features and Benefits

- Integrated "All-in-One" Control Valve
 - Saves space, cost and maintenance
- Line pressure driven, Normally Closed
 - Closes upon control failure
 - Prioritizes pressure zones
 - Controls system fill-up
 - Opens fully upon line pressure rise
 - Amplifies and relays weak remote command
- Magnetic Drive with Vacuum-Sealed Register
 - 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
- Line Emptying Prevention
- Systems Subject to Varying Supply Pressure
- Infield Filters Backwash Pressure Sustaining



[1] BERMAD Model IR-930-M0-54-KX opens upon pressure rise command, 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

