

Pressure Reducing Hydrometer

Magnetic Drive with Hydraulic Control

IR-920-M0-50-R

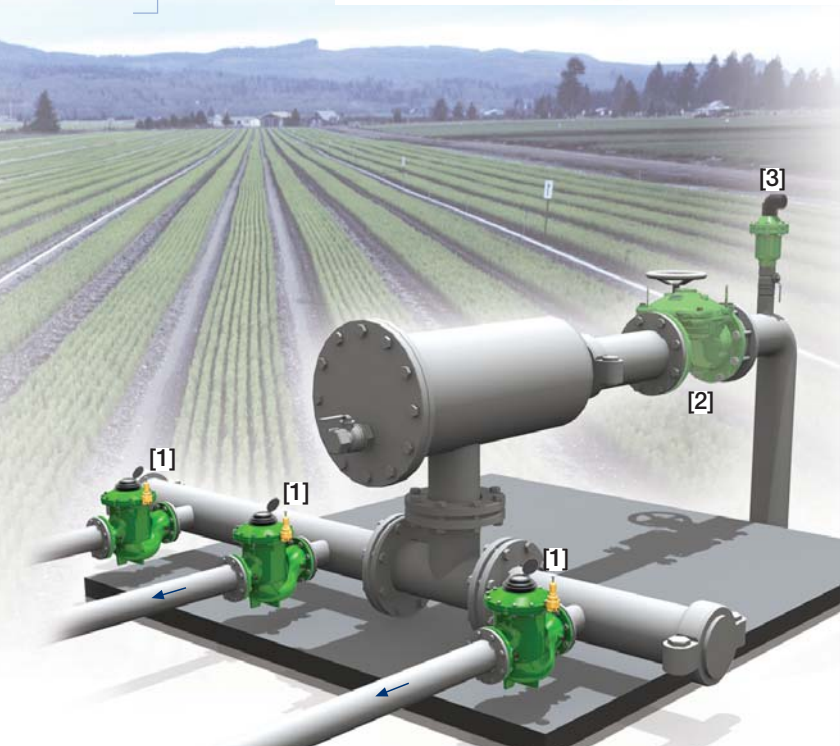
The BERMAD Model IR-920-M0-50-R integrates a vertical turbine Woltman-type water meter, with a diaphragm actuated hydraulic control valve. As the system's Flow Meter and Main Valve, it controls system irrigation together with the irrigation controller.

The BERMAD Model IR-920-M0-50-R reduces downstream pressure to a constant preset maximum. It either opens or shuts in response to pressure commands.



Features and Benefits

- Integrated "All-in-One" Control Valve
 - Saves space, cost and maintenance
- Hydraulic Pressure Control
 - Line pressure driven
 - Protects downstream systems
 - Hydraulically controlled On/Off
- 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
 - Precise measurement
- User-Friendly Design
 - Easy pressure setting
 - Simple in-line inspection and service



Typical Applications

- Computerized Irrigation Systems
- Pressure Reducing Systems
- Remote Flow Data Read-Out
- Flow Monitoring & Leakage Control
- Distribution Centers
- Irrigation Machines
- Volumetric Irrigation Systems

- [1] BERMAD Model IR-920-M0-50-R opens upon command pressure drop, establishing reduced pressure zones & measuring the flow.
- [2] BERMAD Hydraulic Main Valve Model IR 405-54-R
- [3] BERMAD Air Valve Model ARC-A-I-I

