

Pressure Reducing Hydrometer

WW-920-MV

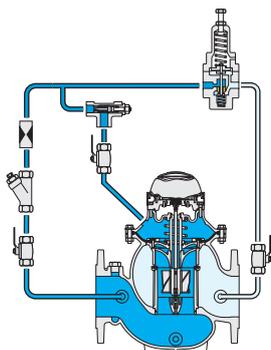
The BERMAD Model WW-920-MV integrates a vertical turbine Woltman-type water meter with a diaphragm actuated hydraulic control valve. The WW-920-MV reduces higher upstream pressure to lower constant downstream pressure regardless of fluctuating demand or varying upstream pressure.



Features and Benefits

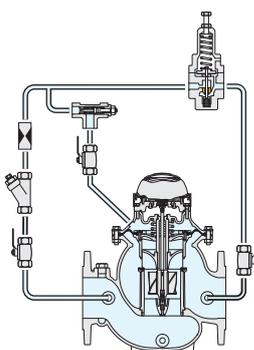
- Integrated “All-in-One” Control Valve
 - Saves space, cost and maintenance
- Line Pressure Driven
 - Independent “Stand Alone” operation
- Magnetic Drive with Vacuum-Sealed Register
 - Water-free gear train mechanism
 - Reed-switch and Opto pulse-generating modes
 - Various pulse combinations
- Internal Inlet & Outlet Flow Straighteners
 - No Need for straightening distances
 - Maintains accuracy
- Integrated Flow Metering Calibration Device
- User-Friendly Design
 - Simple in-line inspection and service

2-Way Modulating Modes, Pressure Reducing Pilot



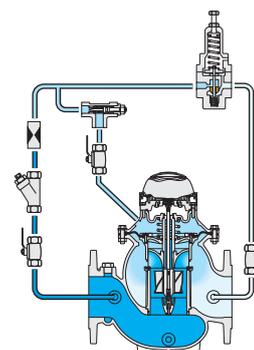
Closed Position

The closed adjustable pilot valve traps line pressure in the control chamber. The resulting superior force moves the hydrometer to the fully closed position and provides drip-tight sealing.



Open Position

The open pilot valve releases line pressure from the control chamber. The line pressure acting on the closure assembly moves the hydrometer to the open position.



Modulating Position

The pilot valve senses line pressure changes and opens or closes accordingly. It controls the accumulated pressure in the control chamber, causing the hydrometer to modulate to an intermediate position and maintain the preset pressure value.

Available Sizes	Pressure Rating
DN 40 - 250 (1½"-10")	PN 16 (250 psi)

For engineering specifications refer to the engineering data section, for ordering to the ordering guide, both available at our website www.bermad.com

