

920 Pressure-Reducing Hydrometer

CONTROL VALVES **BERMAD**



The Pressure Reducing Hydrometer Model 920 integrates a vertical turbine Woltman-type water meter and a diaphragm-actuated control valve equipped with a pressure-reducing pilot. The Model 920 reduces upstream pressure to a constant, settable, downstream pressure, regardless of changes in flow rate or upstream pressure. The 2-way or 3-way pressure-reducing pilot senses downstream pressure and modulates the main valve to the desired preset pressure, which is set using the pilot's adjusting screw. The meter accuracy is independent and not affected by the action of the pressure-reducing valve.

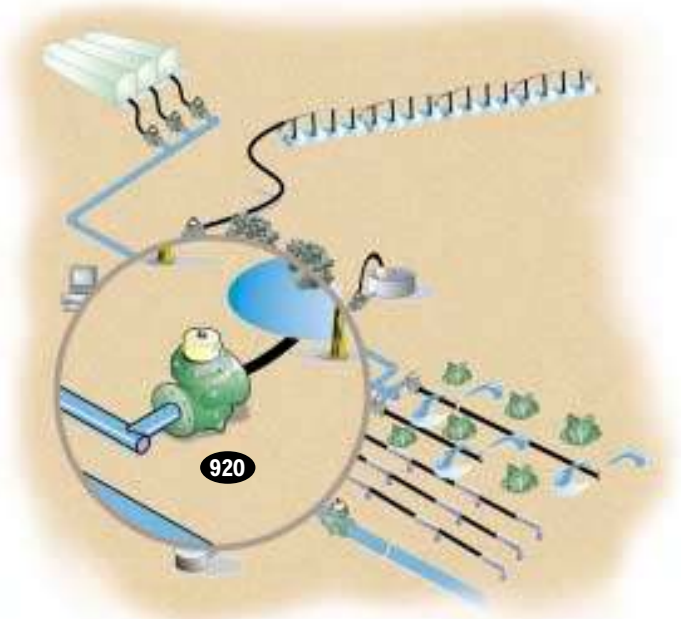
Optional Model 920 Control Heads:

- 920W - Mechanical Drive Hydrometer
- 920WM - Magnetic Drive Hydrometer
- 920D - Automatic Metering Valve (AMV)

Any of these control heads may be equipped with the appropriate pulse generator. Refer to the relevant sections of this catalog for data on generating electrical and optical pulses.

Typical Applications:

- Computerized irrigation systems in uneven terrain
- Pressure-reducing applications in municipal and industrial water supply
- Water metering



Control List:

- 4A: In-line filter
- 26: 4-way cock valve
- 32A: 3-way positioning pilot valve

Note:

For optional pilot valves, refer to the accessories section in this catalog.

