

Series 110 Omni-Valve

The valve that does it all ...

- Excellent Accuracy and Repeatability
- Maximum Versatility
- 10 Point Calibration for Linear Flow
- Designed for Minimal Wear and Long Life

With the capability of operating in six different control modes, handling a wide range of chemicals, covering a wide range of capacities and having a multitude of control options, adjustable features and settings, the Hydro Omni-Valve is truly an all-in-one automatic control valve for vacuum feed.

Control Options (all standard)

Manual Control
Proportional (Flow) Control
Set Point (Residual) Control
Set Point (ORP) Control
Compound Loop (PID) Control
Step Feed Rate Control

*Control modes are field selectable
and can be changed at any time.*

Highlighted Features

2 x 20 Character Liquid Crystal Display
3 Analog Inputs
(Flow, Residual and Remote Dosage)
Adjustable: Dosage, Set Points, Lag Time,
Signal Filters, Display Ranges, Alarms & More
Linear Operation Eliminates
Rotary Drive Gears & All Rotating Motion
Broad Range of Chemicals & Capacities
Two 4-20 mA Outputs
Password Protected Settings



Because of Hydro Instruments' innovative approach to manufacturing, the **Omni-Valve** is the industry's first true directly linear drive control valve design. This linear design provides vast improvements over problematic rotary-driven valves. The **Omni-Valve** is the industry leader in terms of offering 6 different control modes (all standard) and a wealth of flexible settings and features. Our state-of-the-art microprocessor technology, highest quality materials of construction, precision machining and a minimal number of moving parts combine to make the **Omni-Valve** extremely reliable over long periods of continuous operation and truly the best automatic control valve available on the market.



ProMinent Fluid Controls Pty Ltd
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Distributors Throughout Australia & New Zealand

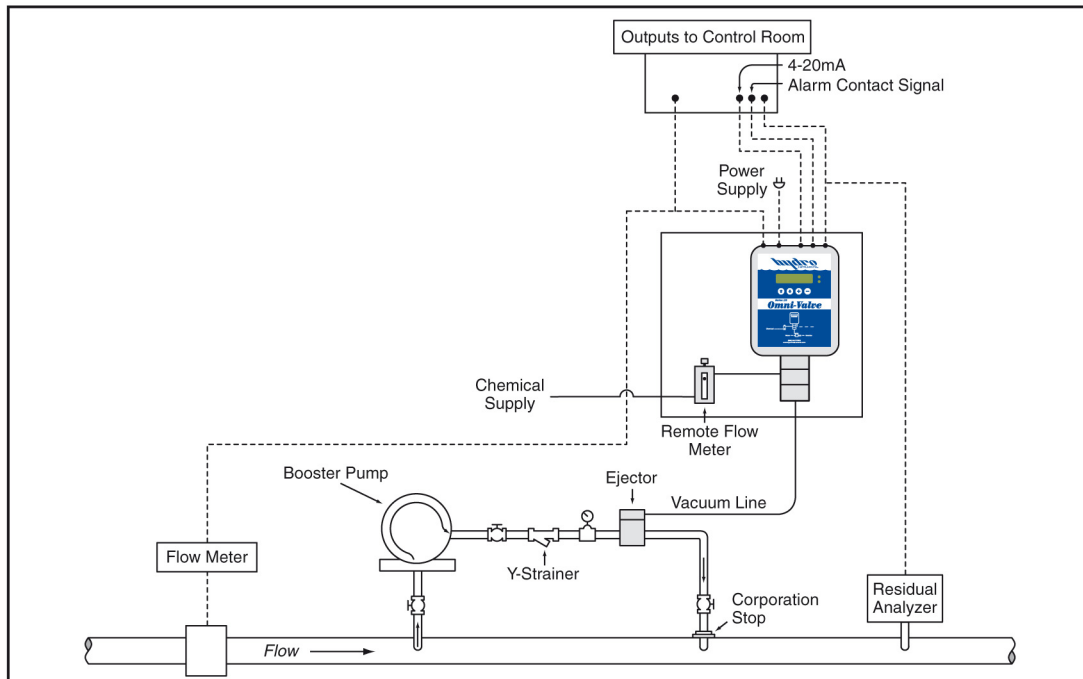
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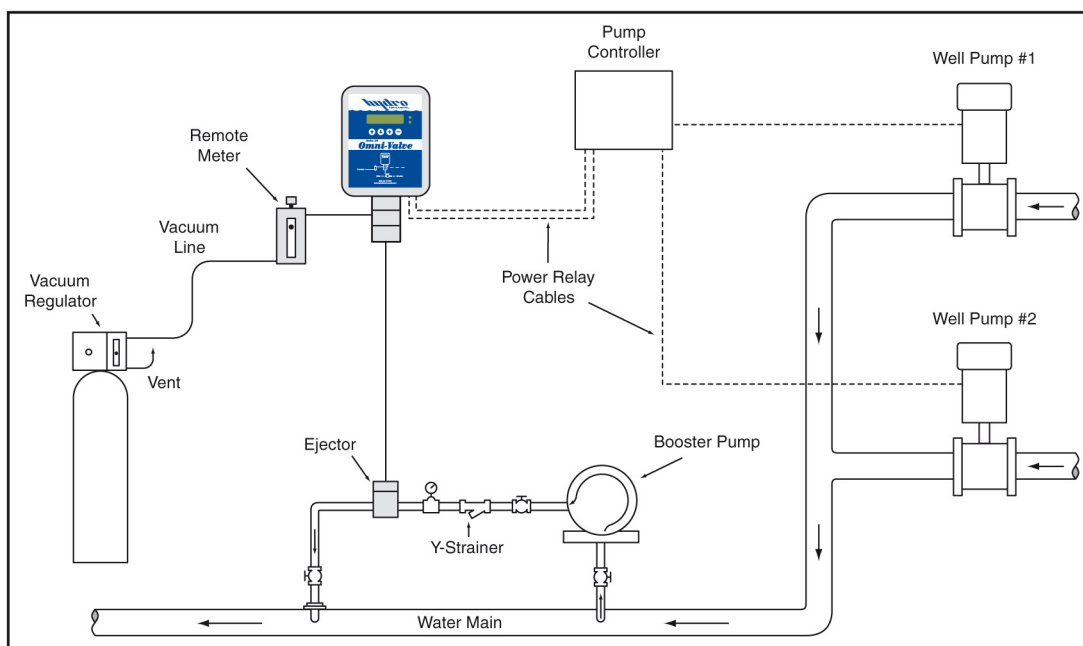
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Omni-Valve Installation Diagram (Compound Loop Control Mode)



Omni-Valve Installation Diagram (Step Feed Control)

Capacity Ranges

| Gas Feed | 200, 500, 1000, 2000 g/h 5, 10, 20, 30, 40, 60, 80 kg/h |
|----------|---|
|----------|---|

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