Triatek’s Universal Valve Module allows Triatek’s Venturi Valves to be truly universal. Universal Venturi Valves are ideal for renovations or new installations in which controllers from multiple vendors are being employed.

This highly adaptable and interchangeable valve module accepts any 0-10VDC or MODBUS signal and converts it to CFM, making it compatible with virtually all third party controllers on the market.

The Universal Valve Module can be ordered with any Triatek Venturi Valve. The following pages include the Universal Valve Module Wiring Diagram and a typical Lab System Diagram utilizing a Universal Venturi Valve.

Part Number Guide
UVM-1000
Universal Valve Module
Wiring Diagram

DIP Switch Functions

If Enabled

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<th>Terminate</th>
<th>Open</th>
<th>RS485 Line Terminate</th>
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<td>7</td>
<td>CFM</td>
<td>Position</td>
<td>Output = Position/CFM</td>
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<tr>
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<td>CFM</td>
<td>Position</td>
<td>Input = Position/CFM</td>
</tr>
<tr>
<td>5</td>
<td>Reverse</td>
<td>Normal</td>
<td>Actuator Reverse/Normal</td>
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Universal Valve Module Enclosure
Lab Solution using Universal Valve

Typical System Diagram

- Sidewall Sensor
- Hood Controller
- Lin Module
- Hood CFM Feedback
- Actuator
- Hood Exhaust
- BacNet or Other Non-Deterministic Protocol
- Room Temperature
- Temperature Offset
- Supply CFM Setpoint
- Exhaust CFM Setpoint
- Lin Module
- Feedback
- Actuator
- Supply
- Exhaust