TRIATEK

# Venturi Valve Upgrade Kit

Replace outdated valve control systems on your schedule

# Venturi Valve Upgrade Process

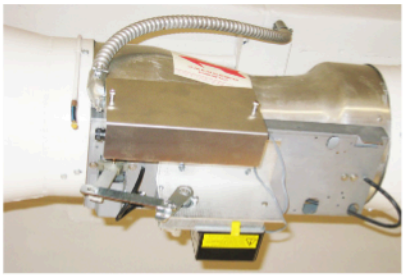
The Venturi Valve Upgrade Kit converts legacy Venturi valves or tracking pair control systems to a digital system compatible with any building automation system (BAS). If the original valve body is in good condition, it can remain in the duct work and the installer can simply remove the existing valve hardware and install the Upgrade Kit components. To find out if your facility is a good candidate for the Upgrade Kit approach, contact your Triatek sales partner.

## Installation Process

Existing Valve System

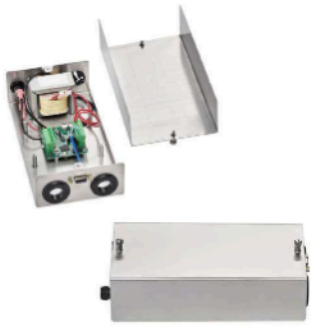
Actuator and Linkage Removed

Actuator and UVM-1000 Installed



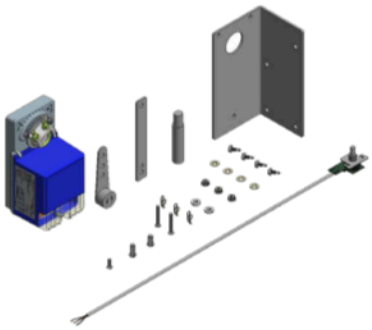
## Ordering Guide

### Universal Valve Module



The Universal Valve Module enables your legacy valves to connect to your building automation system and the optional digital fume hood controls if installed on your corresponding fume hoods.

### Actuator + Assembly Parts



The actuator kit includes everything you need to replace the actuator and sensor system on the original valve.

- Fast-Acting Actuator
- Hall Effect Sensor
- Bracket
- Linkage
- Screws, pins, and washers

### Fume Hood Controls

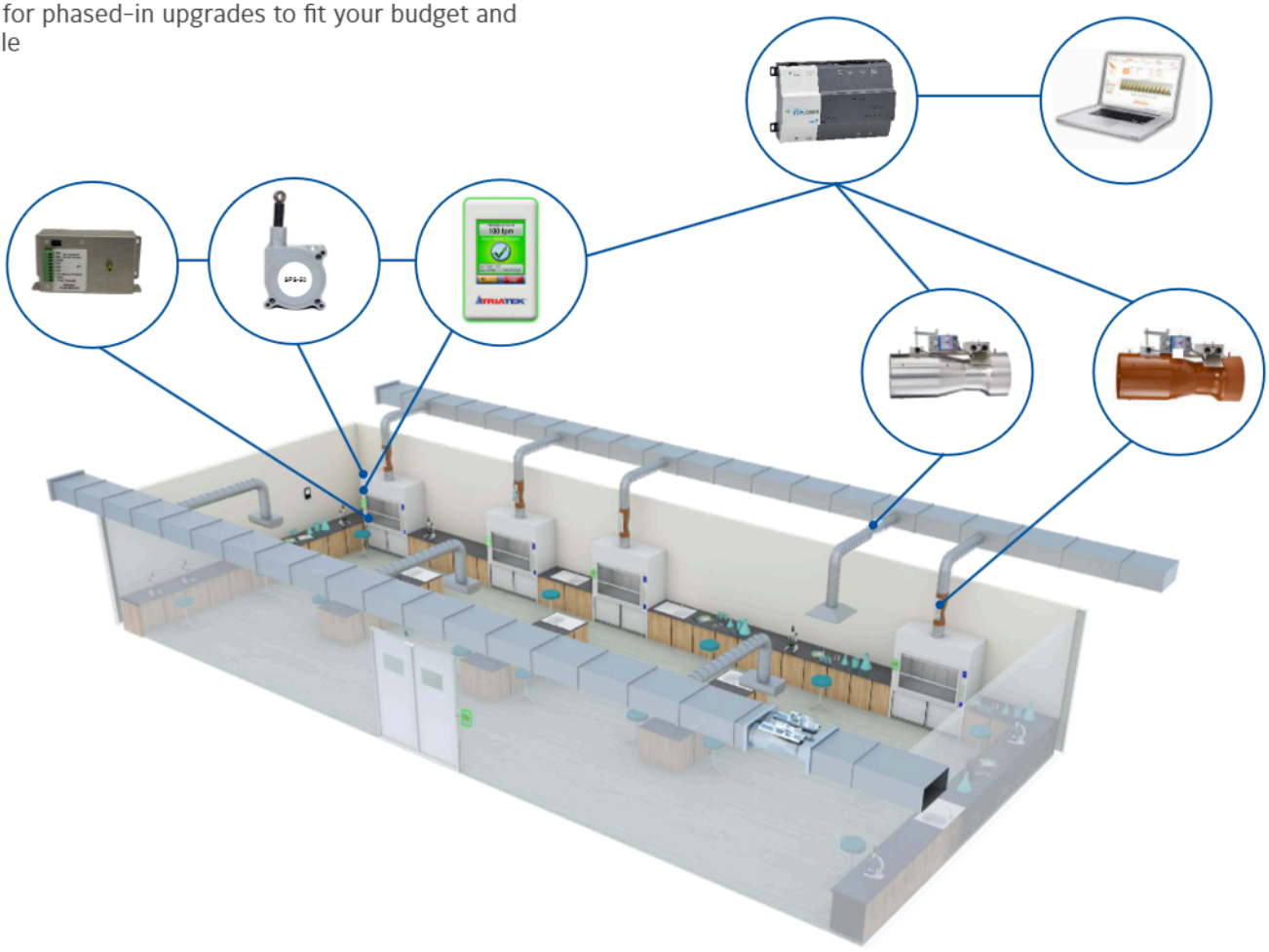
*Optional*

If you would also like to upgrade your fume hoods to digital controls with the Triatek closed loop control system you can also order:

- HMS-1655 Fume Hood Controller
- SPS-50 Sash Position Sensor
- Fume Hood Sidewall Velocity Sensor

# Benefits of the Upgrade Strategy

- Cost effective compared to a complete laboratory renovation
- Eliminates pneumatics and associated maintenance
- Ability to integrate lab controls into any BAS, eliminating gateways
- Capability to control labs remotely with increased visibility and flexibility
- Allows for phased-in upgrades to fit your budget and schedule
- Option to integrate zone presence sensors to reduce energy consumption
- Eliminates potentiometers for hall effect sensors with longer life spans and less maintenance
- Enables facility management to troubleshoot and maintain the lab system, eliminating expensive maintenance visits



**Upgrade your legacy valves for full visibility into your HVAC infrastructure**

## About Triatek

Triatek has been engineering innovative airflow solutions for critical environments for over 30 years. We help our partners transform the environments where people heal, research, and learn.

From improving safety to optimizing building performance and enhancing comfort, we drive the outcomes that matter most. We deliver our promise in industries such as healthcare, pharmaceutical manufacturing, higher education, research laboratories, and manufacturing.

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