

Venturi Valve Upgrade Kit

Replace outdated valve control systems on your schedule



The power behind **your mission**

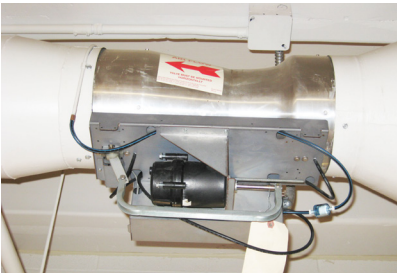


Venturi Valve Upgrade Process

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 Channel Account Manager.

Installation Process

Existing Valve System



Actuator and Linkage Removed

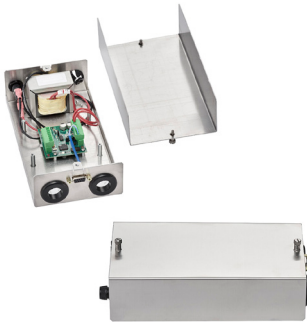


Actuator and UVM-1000 Installed

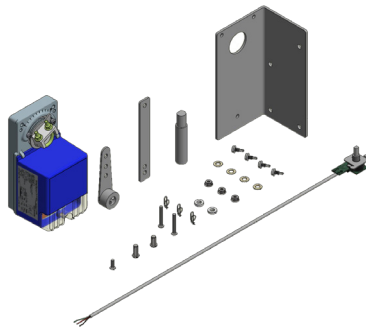


Ordering Guide

UVM-1000
Universal Valve Module



LB-RETRO-9001
Actuator + Assembly Parts



LB-HMS1655-S
HMS-1655 Fume Hood Controller
Optional



The UVM-1000 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.

The LB-RETRO-9001 part number includes everything you need to replace the actuator and sensor system on the original valve.

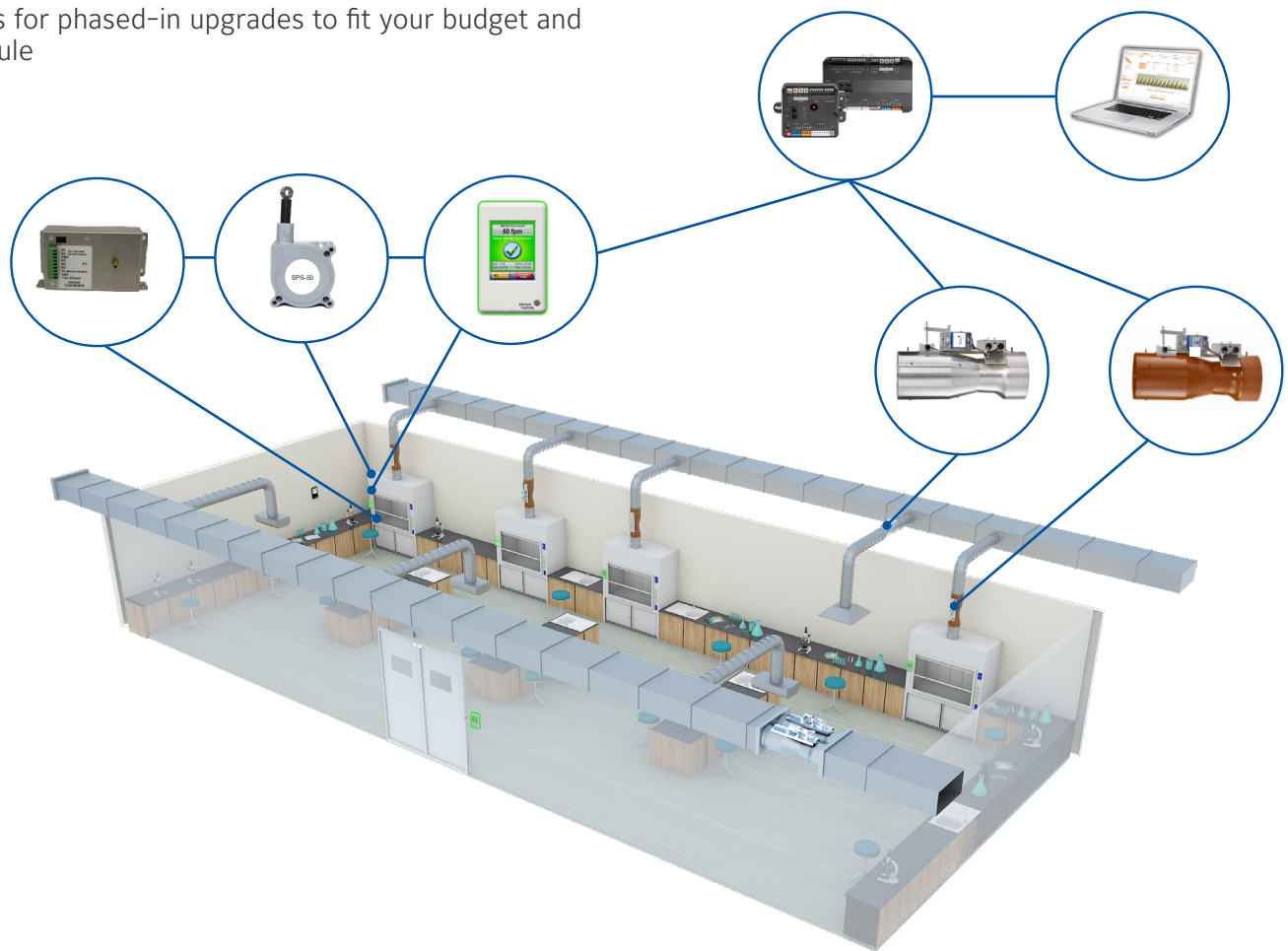
- ACT-9001 Fast-Acting Actuator
- Hall Effect Sensor
- Bracket
- Linkage
- Screws, pins, and washers

If you would also like to upgrade your fume hoods to digital controls with the Johnson Controls closed loop control system you can also order the LB-HMS1655-S which includes:

- 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 Johnson Controls Critical Environments

At Johnson Controls we 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.

With a global team of over 100,000 experts in more than 150 countries and over 130 years of innovative experience, we are the power behind our customers' mission. Our leading portfolio of building technology and solutions includes some of the most trusted names in the industry, such as Tyco®, YORK®, Metasys®, Ruskin®, Titus®, Frick®, PENN®, Sabroe®, Simplex®, and Grinnell®.

To contact the Johnson Controls Critical Environments team email BE-NA-CESales@jci.com

For additional information visit www.johnsoncontrols.com or follow [@johnsoncontrols](https://twitter.com/johnsoncontrols) on Twitter

The power behind **your mission**

