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Replace outdated valve control systems on your schedule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 Channel Account Manager.

Installation Process

Existing Valve System



Actuator and Linkage Removed



Actuator and UVM-1000 Installed



Ordering Guide

UVM-1000 **Universal Valve Module**



The UVM-1000 enables your legacy valves

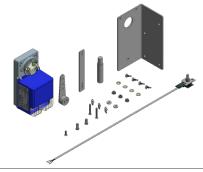
to connect to your building automation

system and the optional digital fume hood

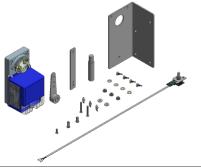
controls if installed on your corresponding

fume hoods.

LB-RETRO-9001 **Actuator + Assembly Parts**



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





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



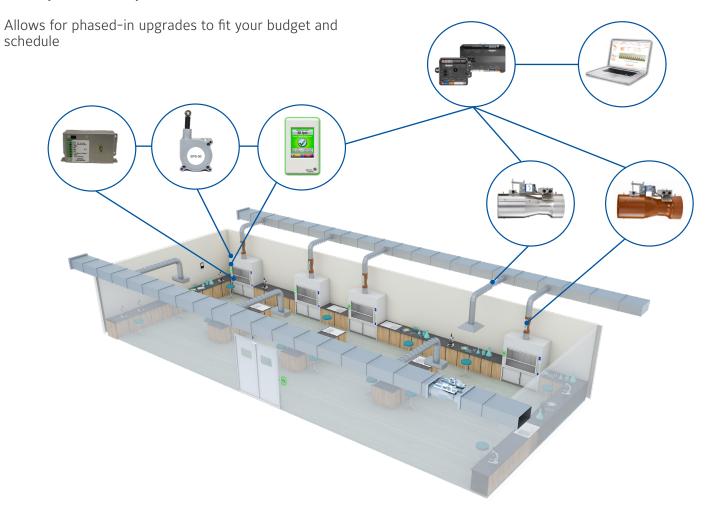


If you would also like to upgrade your fume hoods to digital controls with the Johnson Controls closed loop control system you can also order the LB-HMS1655-S which includes:

- 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
- 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

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

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