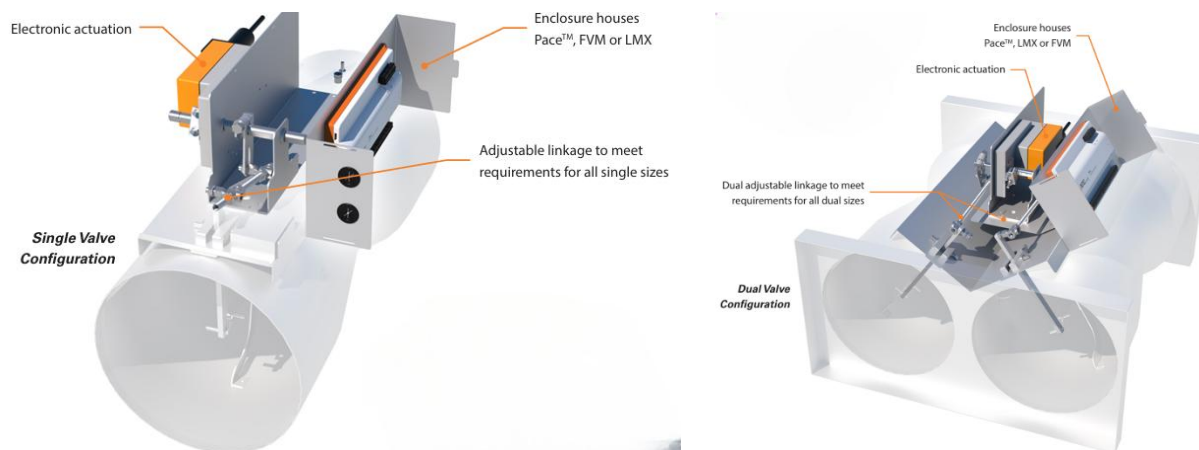


Upgrade Without Replacing: Retrofit Your Venutri Valves with Antec VVR



Retrofitting gives you current-generation control capabilities without reengineering ductwork or valve bodies. You maintain your investments while adding precision, diagnostics, and future-readiness.

Why Retrofit Controls?

Modernizing control systems via retrofits brings powerful benefits over a full replacement - especially in mission-critical spaces

- **Native BACnet & BAS integration** — The retrofit modules are designed to plug into modern building automation systems seamlessly.
- **Integral pressure transducers & feedback** — Retrofit kits include internal sensors for flow and static integration, enabling real-time monitoring, alarming, and robust fan static reset control.
- **Retention of factory calibration** — In many cases, the original valve's factory calibration is preserved, reducing commissioning complexity.



- **Intuitive software & service tools** — The Antec Toolbox streamlines commissioning, monitoring, and maintenance.
 - **Strong warranty & lead time support** — Each VVR retrofit carries a 5-year warranty, with typical lead times of 4–6 weeks (expedited options available).
 - **Energy & operational modernization** — The retrofit can transform older constant-volume or legacy systems into smarter, variable-volume solutions
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Key Considerations

To ensure success, the retrofit process requires gathering critical information and validating existing infrastructure.

Valve & System Assessment

- Identify existing valve: Record model numbers, tags, and take photographs.
- Inspect for damage: Confirm valve body integrity (no dents, corrosion, or obstructions).
- Verify performance: Check that the valve maintains pressure independence and accurate flow measurement.
- Plan for POT replacement if the existing potentiometer is faulty.

Room & Control Infrastructure

- Review existing wiring: Determine routing and whether additional cables are required.
- Confirm pressurization control: Document room setpoints and sequencing logic for coordination.
- Retrieve POT curve data (if available):
- Recovering the original 8-point airflow vs. voltage curve and excitation voltage allows the factory to pre-calibrate the retrofit, minimizing on-site commissioning time.

Savings & ROI

Retrofitting delivers both direct cost savings and longer-term operational benefits

- **Eliminate unsupported legacy controls** — Replacing controllers before failure avoids emergency downtime.
- **Replace failing pneumatic actuators** — Often, legacy pneumatics fail by defaulting valves fully open (leading to energy waste). Retrofitting removes risk of uncontrolled ventilation.
- **Lower operating & maintenance cost** — Modern control modules and diagnostics reduce manual tuning, troubleshooting time, and spare-part diversity.
- **Extended lifespan of installed hardware** — You preserve the core valve mechanics while upgrading control intelligence.
- **Rapid ROI** — Especially in high-cycle or high-demand environments (labs, cleanrooms, fume hoods), the energy and maintenance savings often yield payback in under a few years.

Ready to Retrofit your venturi valves?

ADE provides full-service support to simplify every stage of a retrofit project:

1. **Request a site assessment** — We'll help you document your existing valves, wiring, and room control needs.
2. **Get a tailored retrofit plan** — Including product recommendations, pricing, and estimated ROI.
3. **Let us handle the install** — Our team or certified partners can complete the retrofit installation and commissioning for you.

Whether you need **a single retrofit kit** or a **campus-wide controls upgrade**, ADE and Antec can support every step

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