



VALVE ACCESSORIES & CONTROLS



**RETROFIT  
WITH A VAC  
POSITIONER**

[WWW.VACACCESSORIES.COM](http://WWW.VACACCESSORIES.COM)

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A photograph of an industrial valve assembly. The valve is a large, cylindrical metal component with a corrugated top section. A blue VAC positioner is mounted on the side of the valve. The positioner has a digital display and several wires connected to it. The background shows other industrial equipment and pipes.

# RETROFIT YOUR VALVE WITH A VAC POSITIONER

## VAC GIVES YOU A CHOICE

Most industrial control valves are equipped with the valve manufacturer's standard positioner when the valve is first delivered. As these companies move into new generation products, they often leave behind a whole marketplace of product needs without products that would best fit those applications. When these manufacturers' standard positioners need replacing, what choices are you offered? High prices, poor delivery, or discontinued products leave users without many options.

- VAC provides you with current designs and competitive cost choices including:
  - Electropneumatic positioners
  - Pneumatic positioners
  - Digital positioners
- VAC gives top notch service. Our comprehensive inventory is supported by caring and knowledgeable employees.
- Retrofitting with a VAC positioner offers flexibility and versatility in mounting (rotary or linear) with a single, standard positioner.
- VAC positioners are simple and rugged, all with aluminum housing and quality components.



## The Modularity of the VAC V100 Positioner

The V100 incorporates the flexibility of converting from a pneumatic unit to several versions of an electro-pneumatic unit in a matter of minutes. Without removing the unit from the mounted valve package, you can add gauges, a feedback module, or a raised indicator at any time. Of course, you can also order them configured in any of these models and then change or remove components in the field as needed. Maximum modularity equals maximum flexibility. Simple design and quality components provide maximum performance as well.

### V100 BENEFITS

- Compact Design
- Quality components = rugged and accurate performance
- Screw driver slots in the span and zero ferrules, along with external zero adjustment, help make calibrating the positioner simple
- Easily maintain all key components
- Clear, visible arrow indicator standard-beacon optional
- Field changeable to any I/P option



## V200 Positioner. All In a Single Compact and Rugged Housing

The V200 incorporates the flexibility of quickly converting from a pneumatic unit to several versions of an electro-pneumatic unit. The ability to add position feedback is also a benefit. One compact and rugged housing provides maximum flexibility and versatility.

With a rugged Nema 4X, IP 66 die cast aluminum housing, versatile polyester coating, optional Tufram® or Nickel coatings, low -58F or high +325F temp options, and standard features like external zero and span adjustment, this unit expands the VAC offering to cover this “all in one” market for positioners. Add to this the excellent performance yet simple design, and the combination equals a real value.

### V200 BENEFITS

- Compact Design
- Quality components = rugged and accurate performance
- External zero and span (complete calibration) adjustment without removing cover
- Easily maintain all key components
- Clear, visible arrow indicator standard-beacon optional
- Field changeable to any I/P option



## VAC D400 Microprocessor Based Digital Positioner

The VAC D400 is a microprocessor based, intelligent instrument that can be mounted to rotary or linear pneumatic actuators for accurate positioner and/or process control. This unit, while sophisticated in its accuracy and performance, is simple to mount and calibrate. With good filtered air and proper maintenance, the D400 can provide very accurate and trouble-free service for many years. Available with Hart, Foundation Fieldbus, or Profibus communication, the D400 range of applications and communications meets the latest industry standards. The efficiencies of the D400 are not only in its microprocessor based technology and accuracy, but also in the pneumatic air handling where air consumption is kept to a very minimum.

### D400 BENEFITS:

- Microprocessor based valve positioner
- User friendly, menu driven programming with LCD Display
- Local push button configuration—no handheld device or PC necessary
- Low air consumption and proven dependable mechanical design
- Modular design—available with position feedback, micro switches and “Fail Freeze” options. Same unit for rotary or linear mounting.
- Aluminum Housing—Nema 4X IP 65 Enclosure—Standard—Electrostatically dipped varnish with stove-hardened epoxy resin.
- Unique adaptive control feature offers the ability to enhance valve/actuator package for maximum control without upsetting the process.
- ATEX-FM-CSA-IEC-Ex approvals available



## VAC D500 Advanced Digital Positioner

The D500 microprocessor based positioner incorporates the latest technology, flexibility, and user-friendly features into one package. Standard push buttons and LCD display allow for local operation and calibration of the control valve package. A robust design with excellent air delivery, uses traditional and proven components to provide very fast, accurate and consistent control with very low air consumption.

Options including analog or digital feedback, various switches, plug-in modules for emergency shutdown, universal analog input, fail freeze capability, pressure sensors for advanced diagnostics, intrinsically safe or SIL2 approvals make the D500 a complete positioner package. Coupled with multiple drive adapters and an extensive list of rotary or linear actuator mounting, VAC offers users and distribution channels unmatched flexibility and opportunities.

### D500 BENEFITS:

- Reliability - proven rugged technology, vibration test specified
- Flexibility - various mounting options, analog or binary feedback alarms, micro-switches, universal analog input available
- Diagnostics - pressure sensor option for advanced diagnostics with partial stroke capability standard
- Performance - very high resolution and air delivery, precise positioning with 270° sensor, SIL2 approval available
- Simple - push buttons and LCD display for auto-calibration and configuration with standard loop calibrator



## MOUNTING KITS

- Over 200 actuator mounting kits available (rotary and linear).
- Custom designed kits for specialty applications
- Universal approach to mounting to facilitate standardization and simplification.

VAC has many other designs available for short lead times, and will even address making custom kits. Please provide the following information when contacting us about kits:

1. Actuator model number and size
2. If a linear valve, the stroke length or travel

Other information like valve type and age of the actuator can help identify the correct kit. Actuators go through design revisions and top works changes; we make every effort to stay current on new designs.

Additional mounting kit information is available on our website: [www.vacaccessories.com](http://www.vacaccessories.com)



## Our way of doing business is just as simple as our products.

A solid, simply designed positioner, with high quality construction is just the start of the Valve Accessories and Controls story. Because we are a privately held, customer-driven company, we can meet your needs much quicker, with a lot more flexibility.

A quality company must be a lot more than a quality product. Responding promptly and honestly, showing genuine interest in what we do and what you do, staying focused on our strengths, and being different in a positive way are important.

Sounds simple-we plan to keep it that way!



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