



VALVE ACCESSORIES & CONTROLS



V200



V100



D500



D400

**VAC**  
POSITIONERS

Your Choice for Dependable  
Positioners and Reliable Service

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

205-678-0507

## The VAC Family of Products



### Benefits of working with VAC:

- A Complete Product Line
- Customer Service
- Quick Ship Inventory
- MRO - Retrofit
- Tech Support
- Comprehensive Web Site
- Training Classes

## Valve Accessories & Controls, Inc.

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

From day one, VAC has always done business with a "customer first" approach. The VAC PAC of quality positioner products includes the simple V100, versatile V200, the digital D400 and our newest digital offering, the D500; specials like Nickel or Tufram® coated, -58° F to 325° F, and various positioner feedback options. A solid, simply designed positioner, with high quality construction is just the start of the Valve Accessories and Controls story.

A quality company must be a lot more than a quality product. Because we are a privately held, customer driven company, we can meet your needs much quicker, with a lot more flexibility. 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.

We take pride in our "customer first" staff that will help you find the right positioner for your needs without a maze of phone directories and extensions. Our competitive pricing and excellent service set us apart from the others.

Sounds simple-we plan to keep it that way!

## V100 Series Positioners

**Simple • Rugged • Reliable**

The V100 series product (BLX) is a proven performer and a complete package of pneumatic and electro-pneumatic units. The R100 stackable feedback module can complete a Nema 4X package. This series offers a number of specials such as nickel or Tufram coating. Flexible mounting to rotary or linear actuator is made easy with the "quick connect" couplings.

### V100 Positioners

- V100P-Pneumatic Unit
- V100E-Electropneumatic Unit
- V100E-FF Fail Freeze Unit
- V100E-EX Explosion Proof Unit
- V100E-IS Intrinsically Safe Unit
- V100E-0/10 Volt Unit
- V100E-GA Gas Approved Unit
- V100-TUF Tufram® Coated Unit\*
- V100-NIC Nickel Coated Unit\*

\*available in pneumatic and electropneumatic



## V200 Series Positioners

**Flexible • Easy to Calibrate • Easy to Maintain**

The V200 positioner incorporates the flexibility of converting from a pneumatic unit to several versions of an electropneumatic unit, and the ability to add position feedback, in a matter of minutes, all in one compact and rugged housing. Maximum flexibility and versatility!! With a rugged Nema 4X, IP 66, die cast aluminum housing, versatile polyester coating, and standard features like external zero and span adjustment, this unit expands the VAC offering to cover this "all in one" market for positioners.

### V200 Positioners

- V200P-Pneumatic Unit
- V200E-Electropneumatic Unit
- V200E-FF Fail Freeze Unit
- V200E-EX Explosion Proof Unit
- V200E-IS Intrinsically Safe Unit
- V200P-EHT Extra High Temp +325° F
- V200P-LT Low Temp -58° F
- V200E-0/10 Volt Unit
- V200E-GA Gas Approved Unit
- V200-TUF Tuftram® Coated Unit\*
- V200-NIC Nickel Coated Unit\*

\*available in pneumatic and electropneumatic



## D400 Series Positioners

**User Friendly • Flexible Mounting Standard Loop Calibration**

The latest in positioner technology is available in the digital D400 positioner. This microprocessor based product is available with a very extensive list of features and benefits. Nema 4X is standard and IS and EX products are available. VAC stocks this product with Hart communication and a variety of accessories and mounting kits.

### D400 Positioners

- D400-Digital Standard Unit
- D400-EX Explosion Proof Unit
- D400-IS-Intrinsically Safe Unit
- D400-FF-Fail Freeze Unit
- Available in Hart - Foundation
- Fieldbus - Profibus



Standard Unit with Feedback options



## D500 Series Positioners

**High Tier Digital Positioner**

The D500 incorporates an advanced robotics positioning algorithm that provides unsurpassed control valve accuracy and speed. Setup and programming are made easy with a clear text display. Predictive maintenance indicators with dynamic and static friction detection ensures timely service to prevent unplanned downtime.

High air supply capacity of 23scfm and air supply pressure of up to 145psi ensures fast valve positioning.

The unique design of the internal pneumatic conversion stage allows Fail-Safe or Fail-In-Place action upon loss of demand signal.

Partial Stroke – Integrated PST function allows real-time valve integrity verification, one device for PST and position control reduces model options and stock for emergency spares.

One model for Linear or Rotary application

### D500 Positioners

- D500-Digital Standard Unit
- D500-IS-Intrinsically Safe Unit
- D500-FF-Fail Freeze Unit
- Available in Hart—not available in Profibus or Foundation Fieldbus



## Retrofit your valve with a VAC Positioner—a “choice” of options!

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 that don’t “fit” the application needs. When these manufacturers’ standard positioners need replacing, what choices are you offered? High prices, poor delivery, or discontinued products leave users without many options.

From a very basic and simple, pneumatic unit to standard or EX electropneumatic, to a complete line of digital positioners, the choice of replacing the manufacturer’s “standard” positioner is back in your hands. VAC products offer the control and accuracy you need in a simple rugged design (all metal housings) that is flexible and adaptable. The installed base of control valves is very important to users and to VAC.

Retrofit with a VAC positioner, putting your positioner options back in your control.

## Positioner Training Classes and Technical Support

Visit Valve Accessories & Controls, for a day and a half and we will make you a positioner expert. If you are a distributor, OEM or even an end user you are welcome to attend our class. We mount to rotary and linear actuators, spending more time in our shop than sitting in the conference room. We provide hands-on training—learn to mount and calibrate, and even how to trouble shoot positioners.



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