



M9300 and VA9300 Actuators Non-Spring Return Series



Put more versatility to work.



Right in your comfort zone.

Designed to keep things simple.

The most advanced, efficient HVAC systems need at least two things. Versatility and simplicity. And it should start at the control level. The new Johnson Controls M9300 and VA9300 Series Electric Non-Spring Return Actuators deliver performance that impacts the entire system.

You can use fewer components and simplify installation. The universal input with automatic signal detection handles all input signals (on/off, floating, proportional). For tandem actuation these actuators automatically recognize the MSTP configuration.

Here's what this means:

- One actuator covers a wider range of applications
- Fewer models reduces SKU's and simplifies inventory management
- External add-on kits simplify installation and upgrades
- Easy conversion from dampers to valves
- Fool-proof wiring and commissioning
- Self-calibrating operation adjusts stroke automatically



Size ranges available by torque
8Nm • 10Nm • 20Nm • 35Nm



Direct mount. One-screw fit. The easy way to save.

The M9300 and VA9300 Series Non-Spring Return Actuators have been designed with simplicity and efficiency in mind.

The one-screw-fit direct mount on VG1000 Series Valves means you can set it up with a screwdriver. No linkage is required for threaded and flanged ball valves. It reduces the mounting space required. And with the automatic signal detection, you don't need a computer. Cost savings start even before the M9300 is operating.



A VG1000 Flanged Control Valve mounted to a VA9310-HGA-1 Non-Spring Return Actuator.

Smaller and versatile.

A small actuator footprint makes it the smart choice for confined spaces. Autocalibration automatically recognizes the rotation range and optimizes the signal input.

By consolidating models, the enhanced 90 lb-in (10 N-m) torque covers a broader range of applications. Line voltage and high-speed models (8 seconds of response time for 90 degrees of rotation) are available to meet individual HVAC control needs.



For greater flexibility, every actuator in the series easily converts between damper and valve applications.



Innovation and reliability start here.

An actuator is required to start and stop millions of times. We engineered the M9300 and VA9300 to deliver innovative, reliable performance for years.

The brushless motor with integrated soft start and stop function reduces wear, noise, and power absorption. This makes the M9300 and VA9300 the ideal solution for dampers, as well as, low-pressure steam, chilled and hot water valve applications.

Running time is independent of voltage, load conditions and ambient temperatures. And models are tested for 100,000 full cycles and 2.5 million re-positionings.



Comes with a 5-year warranty and 130 years of experience.

One more smart innovation from Johnson Controls to meet your needs for a more comfortable, efficient environment.

For a larger range of ambient conditions, the NEMA 5/IP54 enclosure eliminates the need for adding supplementary protection. And UV-resistant weather shields are available for outdoor mounting. Plus, the VA9300 Actuator is engineered to work seamlessly with Johnson Controls VG1000 Ball Valves, VP140 Series Pressure Independent Control Valves and Butterfly Valves.

