

## New Product Release

20 Apr 2017

005-017-MEA-HVAC-NPR

### *New High Speed and Line Voltage On/Off or Floating Models of M9300 and VA9300 Series Electric Non-Spring Return Actuators*

**Figure 1: M9308-AGA-2Z Damper Actuator (Left) and VA9308-AGA-2Z Actuated VG1000 Series Ball Valve Assembly (Right)**



### **New High Speed and Line Voltage On/Off or Floating Models of M9300 and VA9300 Series Electric Non-Spring Return Actuators**

We are pleased to announce new on/off or floating models of M9300 and VA9300 Series Electric Non-Spring Return Actuators for high speed and line voltage applications! The new high speed electric actuators allow applications in loops that require a quick response time, and the new line voltage electric actuators reduce total installation cost by eliminating the need to install an external power supply adaptor.

### AC/DC 24 V High Speed On/Off or Floating Models (M9308-AGA-2Z and VA9308-AGA-2Z)

These electric non-spring actuators are designed for use with on/off or floating controls and feature 8 seconds of rotation time for 90° of travel, independent of supply voltage frequency. Both models provide a 70 lb-in (8 N·m) rated torque. They include a plenum-rated cable and are specially configured for installation in spaces used for environmental air handling purposes (other than ducts and plenums) as specified in National Fire Protection Association (NFPA) 70: National Electrical Code Section 300.22(C), Other Space Used for Environmental Air. The VA9308-AGA-2Z valve actuator model is available for field mounting only.

### AC 100 to 240 V Line Voltage Standard Speed On/Off or Floating Models (M9310-AUA-2 and VA9310-AUA-2)

These electric non-spring return actuators are designed for use with on/off or floating controls and feature 90 seconds of rotation time for 90° of travel, independent of supply voltage frequency and load. Both models provide a 90 lb-in (10 N·m) rated torque and include a halogen-free appliance cable. The VA9310-AUA-2 valve actuator model is available for field mounting only.

### AC 100 to 240 V Line Voltage High Speed On/Off or Floating Models (M9308-AUA-2Z and VA9308-AUA-2Z)

These electric non-spring return actuators are designed for use with on/off or floating controls and feature 8 seconds of rotation time for 90° of travel, independent of supply voltage frequency and load. Both models provide a 70 lb-in (8 N·m) rated torque and include a halogen-free appliance cable. The VA9308-AUA-2Z valve actuator model is available for field mounting only.

## Ordering Information

Table 1: Product Order Codes and Confidential Price List

Product Code Number	Description	
M9308-AGA-2Z*	Electric non-spring return on/off or floating control damper actuator, 70 lb-in (8 N·m) rated torque, AC/DC 24 V at 50/60 Hz power requirements, high speed, 8 seconds of rotation time for 90° of travel	
M9308-AUA-2Z***	Electric non-spring return on/off or floating control damper actuator, 70 lb-in (8 N·m) rated torque, AC 100 to 240 V (AC 85 to 264 V) at 50/60 Hz power requirements, high speed, 8 seconds of rotation time for 90° of travel	
M9310-AUA-2**	Electric non-spring return on/off or floating control damper actuator, 90 lb-in (10 N·m) rated torque, AC 100 to 240 V (AC 85 to 264 V) at 50/60 Hz power requirements, standard speed, 90 seconds of rotation time for 90° of travel	
VA9308-AGA-2Z*	Electric non-spring return on/off or floating control valve actuator, 70 lb-in (8 N·m) rated torque, AC/DC 24 V at 50/60 Hz power requirements, high speed, 8 seconds of rotation time for 90° of travel	
VA9308-AUA-2Z***	Electric non-spring return on/off or floating control valve actuator, 70 lb-in (8 N·m) rated torque, AC 100 to 240 V (AC 85 to 264 V) at 50/60 Hz power requirements, high speed, 8 seconds of rotation time for 90° of travel	
VA9310-AUA-2**	Electric non-spring return on/off or floating control valve actuator, 90 lb-in (10 N·m) rated torque, AC 100 to 240 V (AC 85 to 264 V) 50/60 Hz power requirements, standard speed, 90 seconds of rotation time for 90° of travel	

\* Orderable date and shipping date of April 14, 2017.

\*\* Orderable date and shipping date of April 28, 2017.

\*\*\* Orderable date and shipping date of June 30, 2017.

## Documentation

Table 2: Related Documentation

Document Title	Document Number
<i>M9300 Series Electric Non-Spring Return Actuators Product Bulletin</i>	LIT-12012069
<i>M9300 Series Electric Non-Spring Return Actuators Catalog Page</i>	LIT-1900992
<i>M9300 Series Electric Non-Spring Return Actuators Installation Instructions</i>	Part No. 34-636-2448
<i>VA9300 Series Electric Non-Spring Return Valve Actuators Product Bulletin</i>	LIT-12012265
<i>VA9300 Series Electric Non-Spring Return Valve Actuators Catalog Page</i>	LIT-1901002
<i>VA9300 Series Electric Non-Spring Return Valve Actuators Installation Instructions</i>	Part No. 34-636-2421
<i>VG1000 Series Forged Brass Ball Valves Product Bulletin</i>	LIT-977132
<i>VG1000 Series Two-Way, Stainless Steel Trim, NPT End Connections Ball Valves with Non-Spring Return Electric Actuators Catalog Page</i>	LIT-1900220
<i>VG1000 Series Three-Way, Stainless Steel Trim, NPT End Connections Ball Valves with Non-Spring Return Electric Actuators Catalog Page</i>	LIT-1900223
<i>VG1000 Series Two-Way, Plated Brass Trim, NPT End Connections Ball Valves with Non-Spring-Return Electric Actuators Catalog Page</i>	LIT-1900226
<i>VG1000 Series Three-Way, Plated Brass Trim, NPT End Connections Ball Valves with Non-Spring Return Electric Actuators Catalog Page</i>	LIT-1900229
<i>VG1000 Series Forged Brass Ball Valves Installation Instructions</i>	Part No. 14-1201-5
<i>M9000-3xx Series Weather Shield Enclosures Product Bulletin</i>	LIT-1201704
<i>M9000-400 Jackshaft Linkage Kit Installation Instructions</i>	Part No. 34-636-2286
<i>M9300 Series Switch Kits Installation Instructions</i>	Part No. 34-636-2472
<i>M9300 Series Potentiometer Kit Installation Instructions</i>	Part No. 34-636-2480
<i>M9000-151 Base Mount Linkage Kit Installation Bulletin</i>	LIT-2681107 (Part No. 34-636-577)

## Sales Collateral

- *Actuator Selection Guide (PUBL-6241-A)*
- *VG1000 Series Ball Valve Selection Guide (PUBL-6799)*
- *VG1000 In-Store Selection Chart (MISC-781)*

## Release Schedule

Table 3: Release Schedule

Item	Date
Orderable Date and Shipping Date for M9308-AGA-2Z and VA9308-AGA-2Z	April 14, 2017
Orderable Date and Shipping Date for M9310-AUA-2 and VA9310-AUA-2	April 28, 2017
Orderable Date and Shipping Date for M9308-AUA-2Z and VA9308-AUA-2Z	June 30, 2017
Sales Documentation on <i>QuickLIT</i>	March 31, 2017
Technical Documentation on <i>QuickLIT</i>	March 31, 2017

If you have any questions or comments, please feel free to contact me. We are eager to support your sales efforts!

Sincerely,

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