

Date: 6/2/2025
Subject: Series III & IV Actuator, AC/DC Capability Improvement

Mueller Refrigeration, LLC is announcing a significant improvement to our Series III and IV actuator motors. These motors will now feature enhanced AC/DC power supply compatibility, offering improved flexibility and efficiency. This improvement applies to the following models:

Mueller Part Number	Description
P 36410	ACTUATOR SERIES 3
P 36419	ACTUATOR SERIES 3S
P 36565	STARFIRE ACTUATOR
P 36714	ACTUATOR SERIES 4
P 36889	ACTUATOR SERIES 4S
B 35367	THUNDERBOLT ACTUATOR
B 35376	STARFIRE ACTUATOR

Key Improvement: AC/DC Power Supply Compatibility

Previously, the Series III & IV actuators operated solely on a 24 VAC power supply to supporting both 24 VAC and 24 VDC power supplies. The improved, dual compatibility ensures seamless integration into diverse systems, reducing dependency on AC power sources and enhancing operational versatility.

Additional Benefits of the motor improvement include:

- **Lower Power Consumption:** The new Series III actuators now consume 2.6 VA / 1.8 W (floating) and 2.7 VA / 1.9 W (modulating), compared to the previous 3 VA / 3 W (floating) and 5 VA / 4 W (modulating), contributing to energy savings and improved system efficiency.
- **Enhanced Flexibility:** The ability to operate on both AC and DC power makes these actuators adaptable to a broader range of applications, ensuring consistent performance regardless of the available power source.
- **DIP Switch Configuration:** Modulating actuators now include DIP switches to adjust settings for rotation direction, self-adapt mode, and input voltage range (0-10 VDC or 2-10 VDC), allowing for greater customization to meet specific application needs.

To ensure proper integration of the new actuators, please refer to the Series III & IV Installation Instructions at www.muellerrefrigeration.com. The instructions include guidance on setting the DIP switches for optimal performance, particularly for the P 36714 and P 36889 models.

Please contact your Mueller Sales Representative if you require further information.