

VA-805x Series

Electric Valve Actuators



Description

The VA-805x Series Electric Valve Actuators are synchronous, motor-driven actuators that provide precise floating/incremental control for 1/2 in. to 1-1/2 in. valves in many HVAC applications.

Features

- efficient, force-sensing mechanism with a unique pivoting lever that ensures a constant 50 lb seating force and eliminates the need for readjustment
- compact size allows easy installation in small spaces

Applications

Flare Valves; Cage Trim Valves; VG7000 Series—must be factory mounted (no linkage kit available).

To Order

Specify the code number from the following selection chart. Also refer to *Electric Valve and Actuator Selection Charts*. For VG7000 Series options, refer to *VG7000 Series Bronze Valves, 1/2 Through 2 in. (15 to 51 mm), Two-Way and Three-Way with Electric Actuators*.

Repair Parts

Replace unit or upgrade to VA-715x Series Electric Valve Actuators.

Selection Chart

Code Number	Signal	Application
VA-8050-1	24 VAC, 3-Wire	Floating / Incremental Control
VA-8051-1	Selectable 24 VAC 3-Wire (with Feedback)	Floating / Incremental with Feedback

Accessories

Code Number	Description
VA-8000-101	Steam Insulator Kit
VA-8000-102	Valve Position Indicator
VA-8000-104	Auxiliary Interface Board (for Use with DSC-8500)
VA-8050-100	Field Mounting Kit for VT Series Valves

Note: Insulator is included on factory-coupled assemblies. Order VA-8000-101 when field mounting to VT Series and cage trim valves.

Specifications

VA-805x Series Electric Valve Actuators	
Media Temperature	Water: 190°F; Steam: 280°F with Insulator Kit
Stroke Time	50 Seconds for 1/2 in. Stroke; 75 Seconds for 3/4 in. Stroke
Supply Power	24 VAC (+6V, -4V), 50/60 Hz, 6 VA
Shutoff Force	50 lb
Size (in.)	5-11/32 H x 3-3/32 D x 6 W