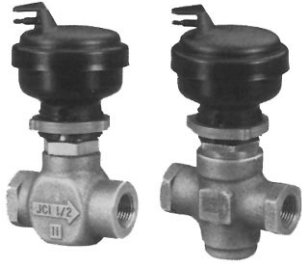


V-4000-1

Small Pneumatic Actuator for Small Control Valves



Description

The V-4000-1 Small Pneumatic Actuator accurately positions the modulating plugs of chilled or hot water control valves in response to a pneumatic signal from a controller.

Features

- directly replaces field installed V-3854 and V-3800 models
- tailored for small terminal unit valve applications
- direct replacement for oval top actuators (VT Series and older oval top series)

Applications

- direct replacement for all oval top (V-3800 Series) actuators (except V-3801-8001 on VG7000 Series valves)

To Order

Specify code number from the selection chart below.

Repair Parts

Unit replacement only.

Selection Chart

Code Number	Description
V-4000-1	Small Pneumatic Actuator

Specifications

V-4000-1 Pneumatic Actuator	
Ambient Temperature Limits	-20 to 150°F (-29 to 66°C)
Relative Humidity	5 to 90% RH
Fluid Operating Temperature Limits	35 to 200°F (2 to 93°C)
Storage Condition Limits	-20 to 150°F (-23 to 66°C) 5 to 95% RH
Dimensions (H x Diameter)	3.27 in. x 2.84 in. Diameter (83.1 mm x 72.1 mm Diameter)
Maximum Control Pressure	30 psig (210 kPa)
Control Signal Air Connection	Dual Barbed Fitting for 5/32 or 1/4 in. O.D. Tubing
Effective Diaphragm Area	4 square inches (2581 square mm)
Materials	Yoke and Cover Glass-Reinforced Nylon
	Piston Glass-Reinforced Nylon
	Diaphragm Fabric Reinforced Synthetic Rubber
	Retaining Nut Chromate-Coated Zinc
Available Spring Ranges	3-6, 4-8, 9-13 psi ^(a)

(a) A spring is assembled with valve body, not in the actuator.