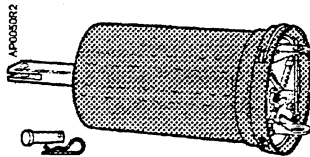
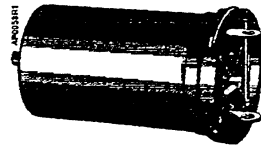


# Powers™ Controls

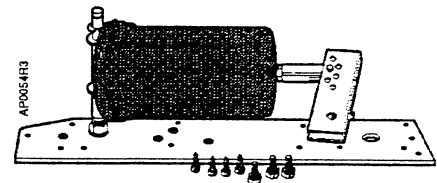
## No. 4 Pneumatic Damper Actuator



Actuator Assembly  
331-2929 Typical



Actuator Assembly  
331-2904 Typical



Actuator Assembly  
331-3000 Typical

### Description

The Powers Controls No. 4 Pneumatic Damper Actuator is a totally enclosed pneumatic piston type actuator designed to operate dampers for ventilating systems, mixing box control, and other applications requiring a large effective diaphragm area and long stroke.

### Features

- All metal body construction
- Replaceable ozone resistant rolling diaphragm
- Pivot mounting for extended shaft or frame mounting
- Fixed bracket mounting
- Direct front mounting
- Positioning relay (optional)
- Forward travel stops (optional)
- Adjustable hesitation point (hesitation actuator only)

### Product Numbers

See Table 1.

### Application

The No. 4 Pneumatic Damper Actuator is recommended for control of outdoor, return air, exhaust, face and bypass, fan discharge, and static pressure control dampers, as well as specialized dampers and air valves found in terminal units such as unit ventilators and mixing boxes.



Certain actuators in Table 1 are UL Recognized Components for fire/smoke applications under category EMKU2. This category covers pneumatic damper actuators intended to be employed on fire dampers and leakage rated dampers.

The No. 4 Pneumatic Damper Actuator hesitation model is frequently used to operate the outdoor air damper on unit ventilators. The hesitation feature enables the outdoor air damper to be synchronized with the unit valve to maintain a predetermined outdoor air requirement when the controlled zone is at the desired temperature.