

A80 ACTUATORS

- Open, close or modulating.
- Uses electronic control of the motor rather than using the PCB and rotating wiper switches that degrade over time.
- Keyed shaft makes attaching actuators to damper error free.
- 5/16-inch diameter, die cast shafts with nylon bushings for quiet and reliable operation.
- Tested to over 9 million cycles and will provide years of quiet and reliable operation.

Output Torque
80 in.-oz.

Operation Time
Fully opens in approximately 2.7 seconds.

LED Indicators
Green LED indicates fully open and red LED indicates fully closed.

Input Control
24VAC applied to OPN or CLS terminal.

Electrical Power
24VAC or 24VDC

Temperature, Operating
-20° to 175° F.

Maximum Static Pressure
1.0 inch H₂O.



Model A80MJ Plug and Play Actuator

Wiring
Plug and play cable, provided.

Electrical Power
24VAC or 24VDC, 2.4VA operating and 1VA holding.



Model A80MT Wired Actuator

Wiring
3-Conductor thermostat wire.

Electrical Power
24VAC or 24VDC, 2.4VA operating and 1VA holding.

Airflow Control
Damper

Fresh Air
Damper

Airflow Control
Damper

Fresh Air
Damper

Direct Damper
Control



Model A80WLD Wireless Actuator

Wiring
Wireless communication to control. Use 2-Conductor thermostat wire to 24VAC transformer.

Electrical Power
24VAC or 24VDC, 2.8VA operating and 1VA holding.

Direct Damper
Control

A250 ACTUATORS

- Designed for heavy duty dampers.
- Open, close or modulating.
- Uses electronic control of the motor rather than using the PCB and rotating wiper switches that degrade over time.
- 3/8-inch diameter shaft with bronze bushings for quiet and reliable operation.
- Retaining clips on both ends of the shaft prevent shaft from dislodging from the bronze bushings and adds strength.

Output Torque

250 in-oz.

Operation Time

Fully opens in approximately 7.5 seconds.

LED Indicators

Green LED indicates fully open and red LED indicates fully closed.

Input Control

24VAC applied to OPN or CLS terminal.

Electrical Power

24VAC, 4VA operating, .7VA holding.

Temperature, Operating

-20° to 175° F.

Maximum Static Pressure

2.0 inch H₂O.



Model A250MJ Plug and Play Actuator

Wiring

Plug and play cable, provided.

Economizer
Damper



Model A250MT Wired Actuator

Wiring

3-Conductor thermostat wire.

Economizer
Damper

5-Year Warranty

All products have a 5-year warranty, limited to the repair or replacement of the product due to defective material or workmanship.