The MA-15S motor actuator is easy to install, easy to wire up, and comes with a 5 year warranty. The superior design insures long life and zero maintenance. The Motor can be oriented in any position in a conditioned area. The UL Listed Motor Actuator is a 24vac 3 wire power open & power close type rated at 18 inch lbs. of torque and 15 second travel time. The MA-15S can also operate in floating mode and is compatible with Carrier® Infinity & Bryant® Evolution communicating zone control systems. The MA-15S includes an integrated wiring terminal block, and has a NEMA1 rated housing. Dual End-Stop adjustments allow for a maximum Open and Minimum Close field position capability.

Technical Data
- **Power Supply**: 24 VAC ± 20% 50/60Hz, 24 VDC ± 10%
- **Power Consumption**: 1.5 W
- **Transformer Sizing**: 2.5 VA (Class 2 power source)
- **Electrical Connection**: Screw Terminal (26 to 14 GA Wire)
- **Control Function**: Open / Close or Floating Point
- **Torque**: 18 in-lb [2 Nm]
- **Manual Override**: External Push Button
- **Running Time**: 15 seconds, constant independent of load
- **Humidity**: 5 to 95% RH Non-Condensing
- **Ambient Temperature**: -22°F to +122°F [-30°C to +50°C]
- **Storage Temperature**: -40°F to +176°F [-40°C to +80°C]
- **Housing**: NEMA 1 / IP20
- **Housing Material**: UL94-5VA
- **Agency Listings**: cULus
- **Noise Level**: 45dB(A)

Forced Air Zone Controls
Model ND Damper with MA-15S Actuator

385 Hwy. 33
Englishtown, NJ 07726
Ph: 800-446-3110
Fx: 732-446-5362

P/N 090377A0076 REV. D 1.11.18
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**Insertion Mounting**

Cut a 4.25" slotted opening in one side of the duct and slide the damper in. Secure the damper to the duct with the sheet metal screws. Larger sizes may require additional support by securing the back of the damper as well. If using duct board, additional support can be obtained by using Model DBA Duct Board Adaptors.

*If flush wall mounting is required, cut the flanges off of the front mounting plate.*

## WIRING SOLUTIONS

### Motor Actuator Terminals

<table>
<thead>
<tr>
<th>TERMINAL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>24v Com.</td>
</tr>
<tr>
<td>4</td>
<td>Power Open</td>
</tr>
<tr>
<td>6</td>
<td>Power Close</td>
</tr>
</tbody>
</table>

### Wiring a Thermostat to Control a Single Damper

**MA-15S**

- COM 1
- PO 4
- PC 6

**MODEL T40-VA**

- C
- R

**JUMPER**

**EWT THERMOSTAT**

1 HEAT / 1 COOL OR EQUIVALENT

### Wiring in Parallel

**NOTE:** You may electrically parallel several MA-15S motors together on a single zone. However, DO NOT parallel the MA-15S with original Carrier/Bryant damper motors on the same zone. The back-feed characteristic of the Carrier/Bryant motors is not compatible with the MA-15S motors.

**ZONE CONTROL DAMPER OUTPUT**

- M6
- M4
- M2
- M1

**MA-15s**

- 6
- 4
- 1