

ULTRA-ZONE®

Forced Air Zone Controls

MODEL ND Series Dampers

Construction-
Heavy Duty extruded aluminum.

Nylon Bearings for quiet operation.

Overlapping parallel blades for low leakage.

Power open/Power closed.

Designed to operate at static pressures up to 1.5"
w/ less than 5% Leakage.

UL Listed Motor Actuator is a 24vac 3 wire power
open/ power close type rated at 18" lbs. of torque.

The Motor Actuator housing is NEMA1 Rated.

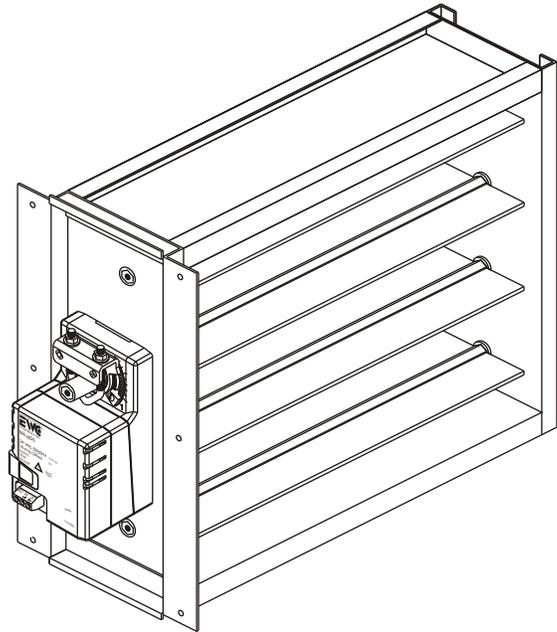
End-Stops Adjustment allows for a percentage of
Relief Air (Leakage) to be set when the damper is
powered to closed and/or you may set a maximum
open position as well.

Bright LED's Indicate damper position.

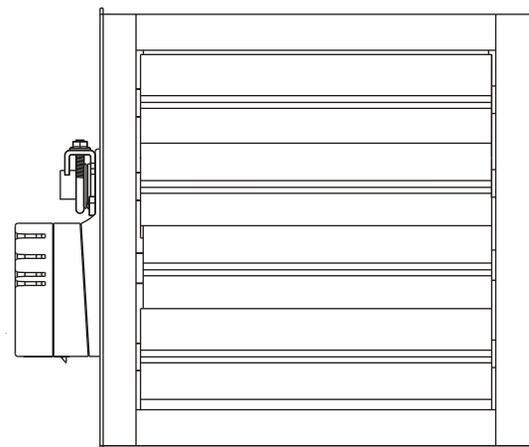
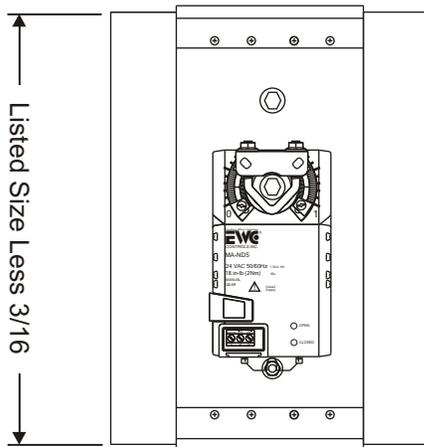
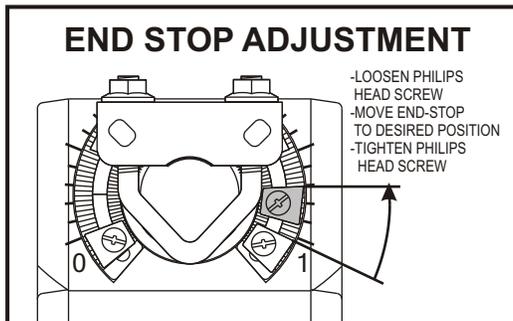
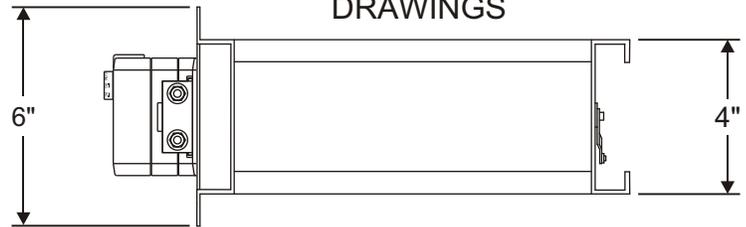
Available in 8" x 6" thru 30" x 30" in one inch
increments. Custom Sizes can be manufactured,
contact EWC Controls Inc.

SUBMITTAL SHEET

Model ND Rectangular Dampers
with MA-ND5 Actuator



DIMENSIONAL
DRAWINGS



SUBMITTAL FORM

SUBMITTED BY: _____
 JOB: _____
 ARCHITECT: _____
 ENGINEER: _____
 CONTRACTOR: _____
 LOCATION: _____



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

INSTALLATION

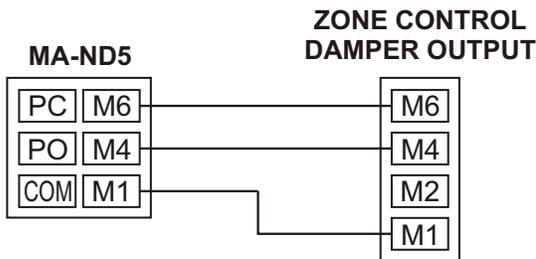
On the side of the duct, where the damper is to be mounted, cut a 4.25" wide slotted opening. Slide the damper into the opening and secure the damper to the duct with the supplied sheet metal screws. *Airflow can be from either direction and the Motor can be oriented in any position.* Larger sizes may require additional support by securing the back of the damper. If using duct board, additional support can be obtained by using Model DBA Duct Board Adaptors.

WIRING SOLUTIONS

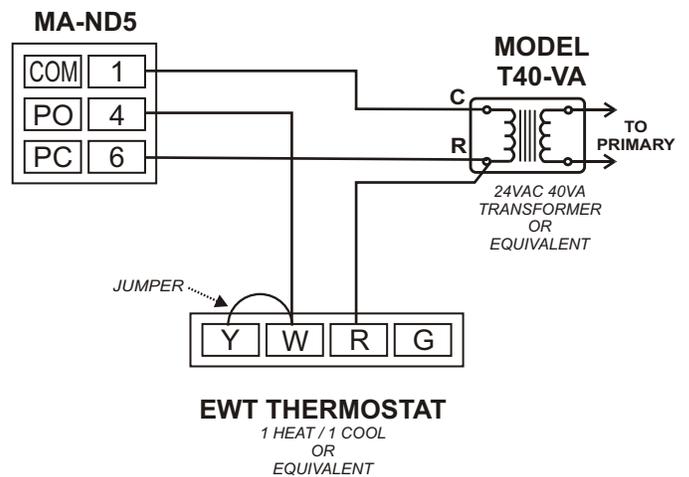
Motor Actuator Terminals

TERMINAL	DESCRIPTION
1 / COM	24v Common
4 / PO	24v Power to Open
6 / PC	24v Power to Close

Wiring to a Zone Control Panel



Wiring a Thermostat to Control a Single Damper



Wiring in Parallel

