

ULTRA-ZONE®

Forced Air Zone Controls

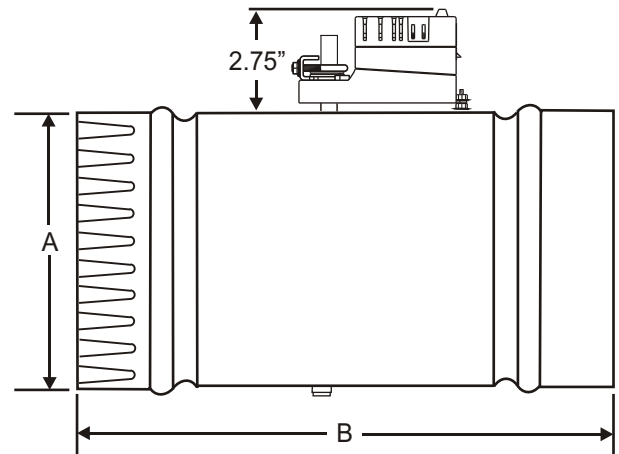
SUBMITTAL SHEET

Model URD Round Damper with MA-15S Actuator

The URD-MA-15S (Rev 2) motor actuator is now equipped with LED's to indicate damper blade position. The URD damper includes Thermo-Tuff™ shafts, nylon bearings and Poron™ gasketing around the blade perimeter that does not block the airflow. The superior design insures long life, zero maintenance and a 5 year warranty. The C/UL Listed Motor Actuator is rated for 24vac, 3 wire (On/Off) Power open/Power close applications making it compatible with most constant applied voltage Zone Controllers. **The MA-15S is also rated for Floating Point applications (.5 second pulse) and is compatible with Carrier® Infinity & Bryant® Evolution communicating zone control systems.** The MA-15S Actuator includes an integrated wiring terminal block, a Manual Gear release and a single End-Stop adjustment, that allows for a maximum Open or Minimum Close field position capability. Register your warranty today at <https://ewcccontrols.com/warranty/>

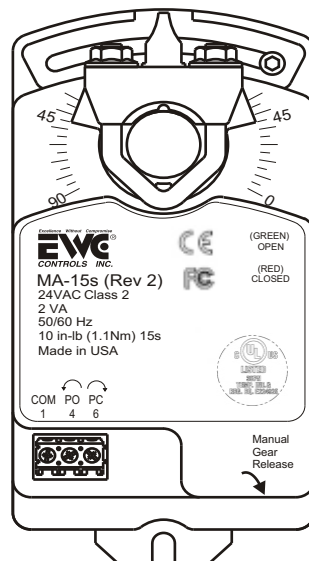
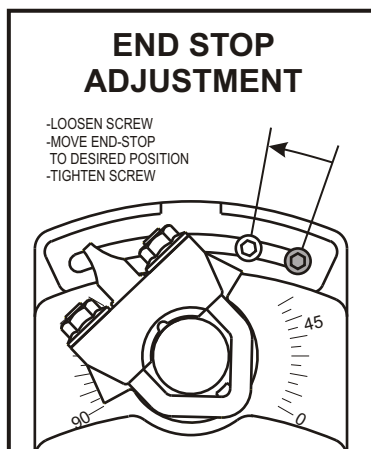
Technical Data

Power Supply	24vac ± 20% 50/60Hz
Power Consumption	1.5 watt
Transformer Sizing	2 va (Class 2 power source)
Electrical Connection	Screw Terminal (18AWG solid or stranded wire)
Control Function	Open / Close or Floating Point
Torque	10 in-lb [1.1 Nm]
Rotation	90 degree
Manual Gear Release	External Lever
Running Time	15 seconds. 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]
Orientation	Any orientation in a conditioned space
Housing	NEMA 1 / IP20
Housing Material	UL94-5VA
Noise Level	45dB(A)
LED Function On/Off	Green = Open & Red = Closed
LED Function Floating	N/A



NOMINAL DIMENSIONS

MODEL #	A	B	.1" WC
URD - 4	4.00"	10.00"	40 CFM
URD - 5	5.00"	10.00"	70 CFM
URD - 6	6.00"	12.00"	110 CFM
URD - 7	7.00"	12.00"	160 CFM
URD - 8	8.00"	12.00"	230 CFM
URD - 9	9.00"	12.00"	310 CFM
URD - 10	10.00"	12.00"	410 CFM
URD - 12	12.00"	14.00"	650 CFM
URD - 14	14.00"	16.00"	1000 CFM
URD - 16	16.00"	20.00"	1400 CFM
URD - 18	18.00"	20.00"	2000 CFM
URD - 20	20.00"	20.00"	2500 CFM



SUBMITTAL FORM

SUBMITTED BY: _____

JOB: _____

ARCHITECT: _____

ENGINEER: _____

CONTRACTOR: _____

LOCATION: _____

Excellence Without Compromise
EWC®
CONTROLS INC.

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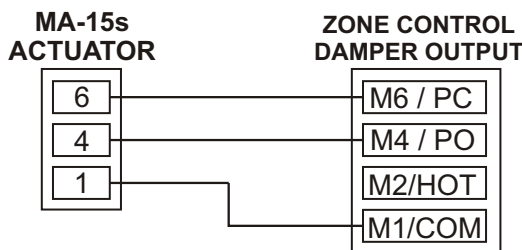
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WIRING SOLUTIONS

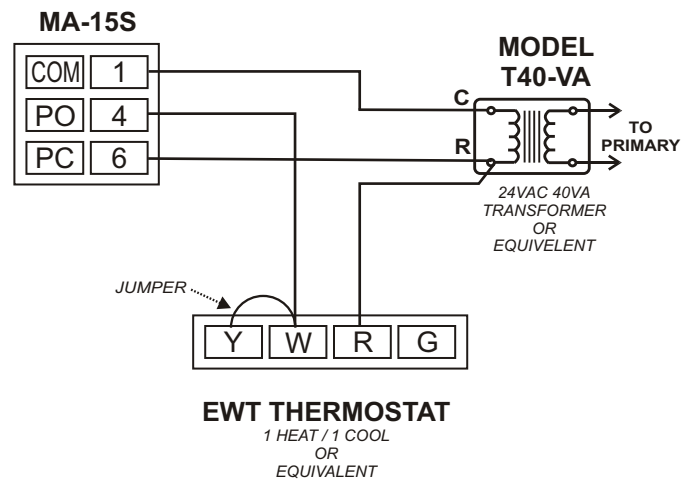
Motor Actuator Terminals

TERMINAL	DESCRIPTION
1	24v Com.
4	Power Open
6	Power Close

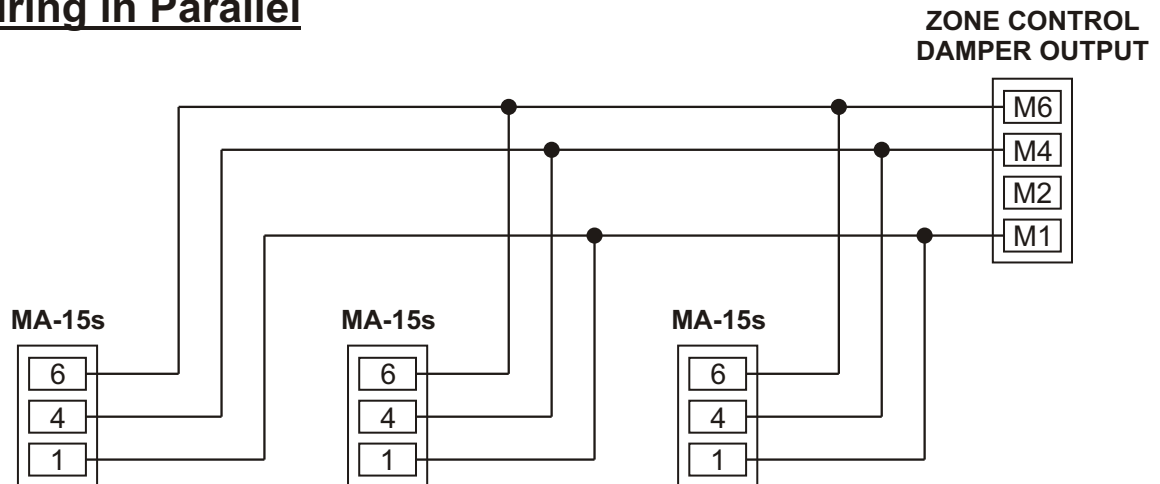
Wiring to a Zone Control Panel



Wiring a Thermostat to Control a Single Damper



Wiring in Parallel



NOTE: You may electrically parallel several MA-15S motors together on a single zone. However, DO NOT parallel the EWC 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.