

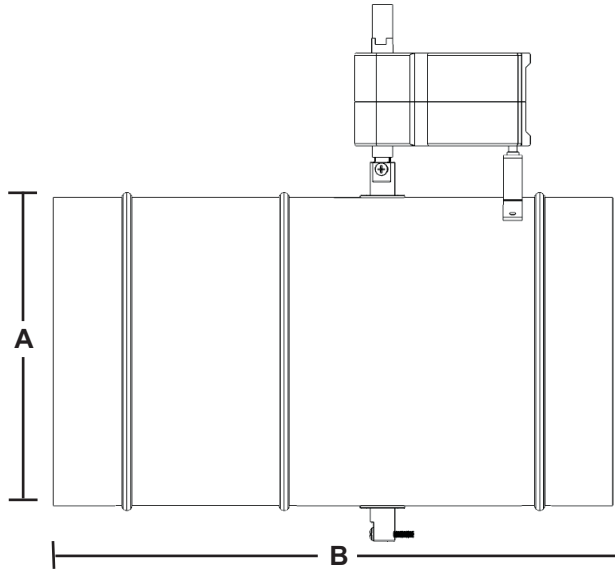
# ULTRA-ZONE®

## Forced Air Zone Controls

The URD series of round motorized dampers are a double layered blade design with an integrated cellular foam sealing gasket. The superior design insures long life and no maintenance. URD dampers are easy to install, easy to wire up, and come with a 5 year warranty. The URD damper is constructed of heavy gauge galvanized steel. The nylon bearings and drive shafts insure smooth, quiet operation and provides a thermal barrier to the motor. It is designed to operate at static pressures up to 1" w.c. @ < 3% leakage.

# SUBMITTAL SHEET

## Model URD-TF24/120



### NOMINAL DIMENSIONS

MODEL #	A	B
URD-TF24/120 - 4	4.00"	10.00"
URD-TF24/120 - 5	5.00"	10.00"
URD-TF24/120 - 6	6.00"	12.00"
URD-TF24/120 - 7	7.00"	12.00"
URD-TF24/120 - 8	8.00"	12.00"
URD-TF24/120 - 9	9.00"	12.00"
URD-TF24/120 - 10	10.00"	12.00"
URD-TF24/120 - 12	12.00"	14.00"
URD-TF24/120 - 14	14.00"	16.00"
URD-TF24/120 - 16	16.00"	20.00"
URD-TF24/120 - 18	18.00"	20.00"
URD-TF24/120 - 20	20.00"	20.00"

SPECIFICATIONS	URD-TF24	URD-TF120
Ambient Temperature °F	-22°F to =122°F	-22°F to =122°F
Ambient Temperature °C	-50°C to =50°C	-30°C to =50°C
Electrical Connection	3 ft, 18 GA appliance cable, 1/2" conduit connector	3 ft, 18 GA appliance cable, 1/2" conduit connector
Power Consumption	Running 2.5 W; Holding 1.3 W	Running 2.5 W; Holding 1.3 W
Power Supply	24 VAC	120 VAC
Va Rating	4 VA (Class 2)	4 VA (Class 2)
Noise Level	Less than 50 dB (A) running, Spring return less than 62dB(A)	Less than 50 dB (A) running, Spring return less than 62dB(A)
Housing	NEMA type 2 / IP42	NEMA type 2 / IP42
Angle of Rotation	Maximum 95° adjustable with mechanical stops	Maximum 95° adjustable with mechanical stops
Direction of Rotation	Reversible with cw/ccw mounting	Reversible with cw/ccw mounting
Minimum Torque	18	18
Running Time	<75 sec.	<75 sec.
Spring Return Fail Safe	Yes	Yes
Humidity Rating	5 to 95% RH noncondensing	5 to 95% RH noncondensing
Running Time	<25 seconds	<25 seconds

### SUBMITTAL FORM

SUBMITTED BY: \_\_\_\_\_  
 JOB: \_\_\_\_\_  
 ARCHITECT: \_\_\_\_\_  
 ENGINEER: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_

Excellence Without Compromise



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

P/N 090377A0147 REV. B

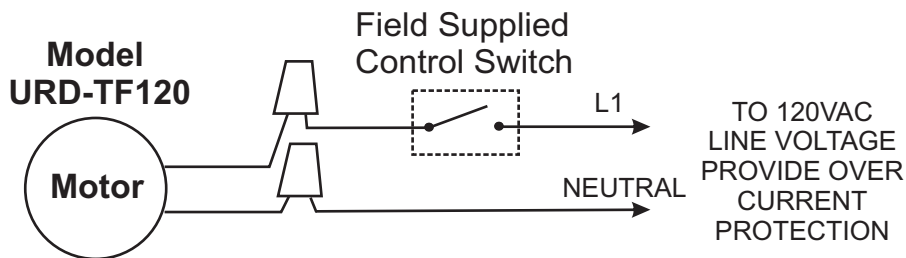
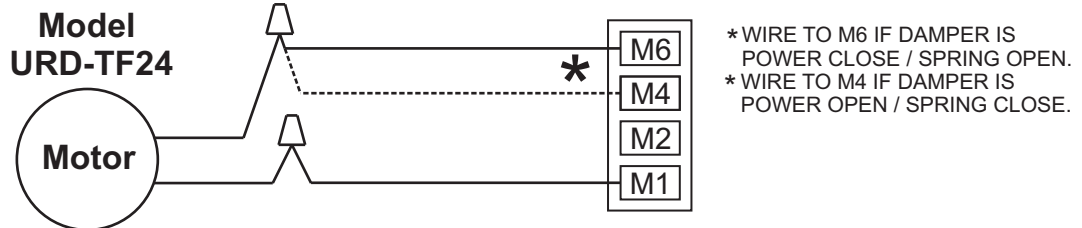
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### FIELD REVERSE DIRECTION

The Damper will come power close/spring open. To reverse operation to power open/spring close;

- 1) Remove power.
- 2) Loosen the V-bolt.
- 3) Rotate the Damper shaft 90° counter clockwise.
- 4) Tighten V-bolt.
- 5) Damper is now power open/spring close.

### WIRING SOLUTIONS



**Note: Can be ordered with an integrated dry end switch. Contact EWC Controls for more information.**