

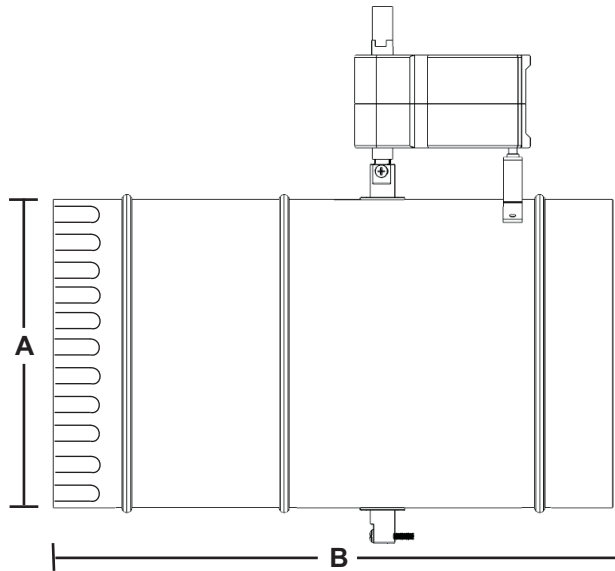
ULTRA-ZONE®

Forced Air Zone Controls

SUBMITTAL SHEET

Model URD-TF24/120

The URD series of round motorized dampers are a double layered blade design with a Neoprene™ 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.



NOMINAL DIMENSIONS

MODEL #	A	B
URD-TF24/120 - 4	4.00"	12.00"
URD-TF24/120 - 5	5.00"	12.00"
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. C

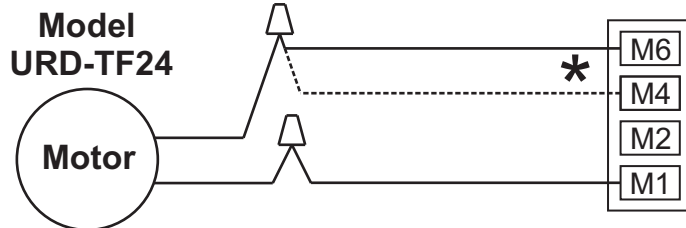
Copyright © EWC Controls 2005-2009 All Rights Reserved

FIELD REVERSE DIRECTION

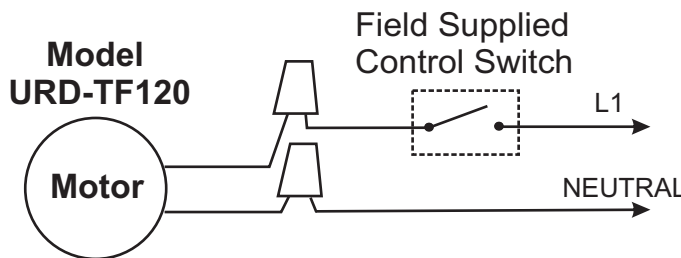
The Damper will come power close/spring open. To reverse operation to power open/spring close;

- 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



* WIRE TO M6 IF DAMPER IS POWER CLOSE / SPRING OPEN.
 * WIRE TO M4 IF DAMPER IS POWER OPEN / SPRING CLOSE.



TO 120VAC
 LINE VOLTAGE
 PROVIDE OVER
 CURRENT
 PROTECTION

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