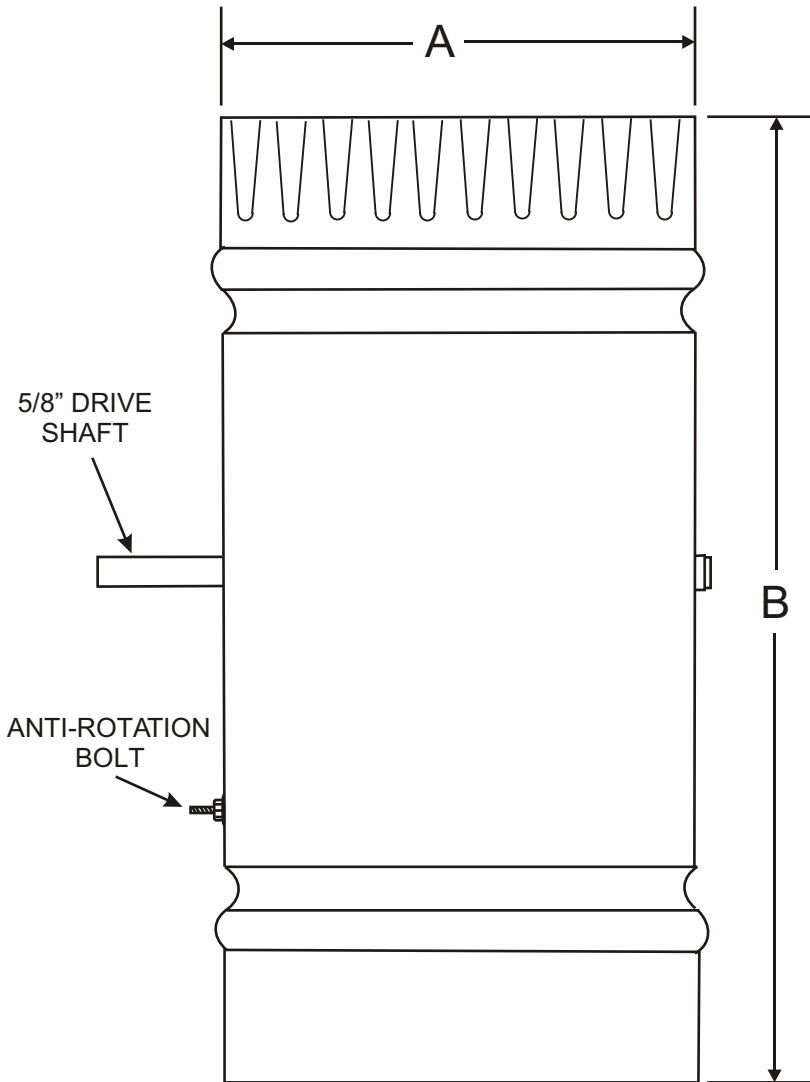


The URD Round Dampers are an Inline Duct damper and have a double layered galvanized blade design with a *Poron*[™] sealing gasket. URD Round Dampers are easy to install and come with a 5 year warranty. The URD Round Damper is constructed of heavy gauge galvanized steel with rolled stiffening beads for added rigidity. The Nylon bearings insure smooth, quiet operation and the 5/8" Diameter *Thermo-Tuff*[™] drive shaft provides a thermal barrier to the Motor Actuator. The URD Damper is designed to operate at static pressures up to 1.0" w.c. with minimal leakage. The URD Drive Shaft extends 1.5" beyond the damper and includes a 10-32 anti-rotation mounting bolt. The URD can be ordered with different motor actuator options to fit your application.



NOMINAL DIMENSIONS

Diameter	A	B
4 Inch	4.00"	12.00"
5 Inch	5.00"	12.00"
6 Inch	6.00"	12.00"
7 Inch	7.00"	12.00"
8 Inch	8.00"	12.00"
9 Inch	9.00"	12.00"
10 Inch	10.00"	12.00"
12 Inch	12.00"	14.00"
14 Inch	14.00"	16.00"
16 Inch	16.00"	20.00"
18 Inch	18.00"	20.00"
20 Inch	20.00"	20.00"

SUBMITTAL FORM

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

DAMPER INSTALLATION

The URD Round Damper should be installed on a take-off collar close to the Main trunk Duct. The Damper should be at least 18" away from the heating source. The damper should be secured with sheet metal screws and supported as necessary. The joints should be sealed. Airflow can be in either direction. MA-ND5 Motors can be oriented in any position. Avoid the bottom (6:00) position on *Other Motors* to avoid damaging affects of condensation. If the damper is installed in an unconditioned space, the damper should be insulated. Follow National and/or Local Mechanical code.

MOTOR ACTUATOR OPTIONS			
MODEL	DESCRIPTION	TORQUE	SUBMITTAL SHEET
URD	STANDARD PO/PC MOTORACTUATOR (MA-ND5)	18 In.-Lbs.	090377A0068
URD-L	LESS MOTOR ACTUATOR	N/A	N/A
URD-MQ	MANUAL DAMPER	N/A	090377A0117
URD-LM24	HIGH TORQUE PO/PC MOTORACTUATOR	45 In.-Lbs.	090377A0120
URD-LM24SR-T	2-10vdc MODULATING MOTORACTUATOR	45 In.-Lbs.	090377A0158
URD-LF24	HIGH TORQUE 24VAC SR MOTOR	35 In.-Lbs.	090377A0159
URD-LF120	HIGH TORQUE 120VAC SR MOTOR	35 In.-Lbs.	
URD-TF24	MID TORQUE 24VAC SR MOTOR	18 In.-Lbs.	090377A0148
URD-TF120	MID TORQUE 120VAC SR MOTOR	18 In.-Lbs.	
URD-MA-15s	15 SECOND DRIVE, PO/PC MOTOR ACTUATOR	18 In.-Lbs.	090377A0128
URD-MA-60s	60 SECOND DRIVE, PO/PC MOTOR ACTUATOR	18 In.-Lbs.	090377A0156
URD-MA-CMB24	35 SECOND DRIVE, PO/PC MOTOR ACTUATOR	18 In.-Lbs.	OEM
URD-MA-CMB120	35 SECOND DRIVE, PO/PC MOTOR ACTUATOR	18 In.-Lbs.	OEM

PO = Power Open; PC = Power Close; SR = Spring Return

NOTES: