

# TR FAD ROUND FRESH AIR DAMPER

## SUBMITTAL



## **TR FAD** *Round fresh air damper*

### DESCRIPTION

Each TR FAD is a two position, power open, spring closed single blade fresh air damper. This damper is available in sizes from 4" to 16". The TR FAD dampers are rated for a maximum pressure differential of .5" W.C.

The 4" – 8" damper cylinders are fabricated from 24-gauge steel; the 9" – 16" cylinders from 22-gauge steel. The trailing end is crimped for ease of installation. Positive air seal is accomplished without the use of gaskets, linkages or set screw adjustment.

All TR FAD dampers feature 24 VAC, full stall motors, which do not require use of end switches to terminate travel. Each TR FAD is equipped with a motor terminal board, which also provides a damper open LED indicator.

### TECHNICAL DATA

#### ***Electrical:***

**Supply Voltage:** 24 VAC

**Power consumption:** 12 VA maximum

**Input:** 24 VAC

#### ***Environmental:***

**Operating temperature:** -10 to 150° F (-23 to 66° C)

**Operating humidity:** 10-95% non-condensing

**Storage temperature:** -10 to 150° F (-23 to 66° C)

#### ***General:***

**Shell:** 22-24 gauge steel

**Shaft:** 5/16" round aluminum

**Bushings:** Celcon

**Actuator:** Synchron

**Stroke:** 90° full open

REV 1/30/25

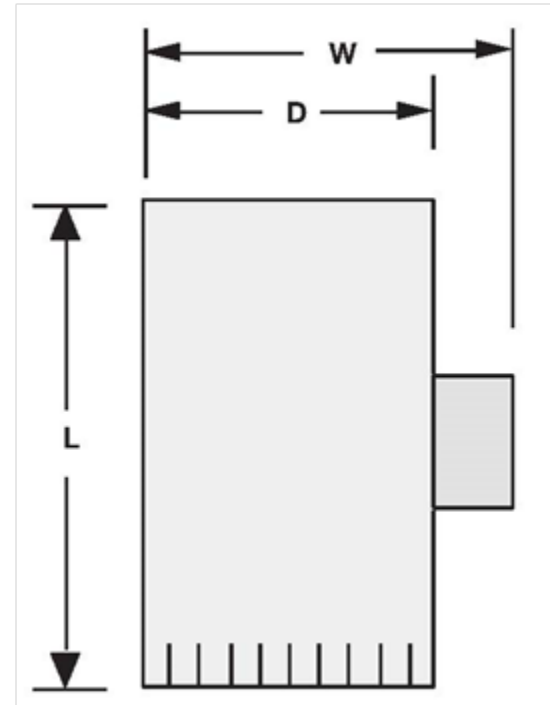
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## ORDERING INFORMATION

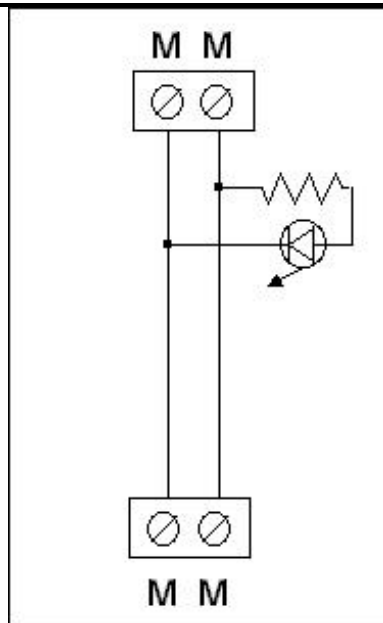
Part No.	Description
TR04FAD	Low Pressure 4" round fresh air damper
TR05FAD	Low Pressure 5" round fresh air damper
TR06FAD	Low Pressure 6" round fresh air damper
TR07FAD	Low Pressure 7" round fresh air damper
TR08FAD	Low Pressure 8" round fresh air damper
TR09FAD	Low Pressure 9" round fresh air damper
TR10FAD	Low Pressure 10" round fresh air damper
TR12FAD	Low Pressure 12" round fresh air damper
TR14FAD	Low Pressure 14" round fresh air damper
TR16FAD	Low Pressure 16" round fresh air damper

## Dimensional Data

Part No.	Diameter	Length	Width
TR04FAD	4"	10"	6 3/4"
TR05FAD	5"	10"	7 3/4"
TR06FAD	6"	10"	10 1/4"
TR07FAD	7"	10"	11 1/4"
TR08FAD	8"	10"	12 1/4"
TR09FAD	9"	10"	13 1/4"
TR10FAD	10"	10"	14 1/4"
TR12FAD	12"	12"	16 1/4"
TR14FAD	14"	14"	18 1/4"
TR16FAD	16"	14"	20 1/4"
TR18FAD	18"	14"	20 1/2"



## TERMINAL FUNCTIONS



MM- 24 VAC input to damper motor  
MM- 24 VAC common input to damper motor