

TREC RECTANGULAR LOW PRESSURE ZONE DAMPER

SUBMITTAL



TREC *Rectangular low pressure zone damper*

DESCRIPTION

The TREC is a low pressure, two position, spring open, power closed single blade supply air damper. The dampers are available from 8" x 8" to 24" x 12", in 2" increments. The TREC dampers are rated for a maximum pressure differential of .5" W.C.

The damper consists of a galvanized steel frame and heavy duty front plate. Damper blade shaft is fully enclosed in Celcon bushings to reduce friction and ensure quiet operation. A high density foam rubber gasket with a welded galvanized angle affords an efficient seal to minimize blade to frame leakage.

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

TREC dampers can be paralleled to provide additional zone CFM capacity when required.

The TREC offers a simple slide in installation, and motors are easily removed for shaft and pin inspection.

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:

Frame: 20 gauge steel

Front plate: 16 gauge steel

Actuator: Synchron

Stroke: 90° full close

REV 1/30/25

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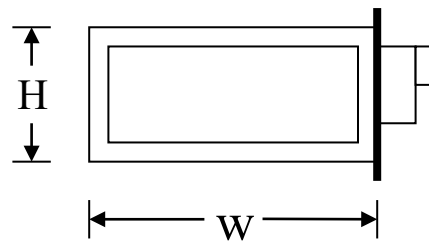
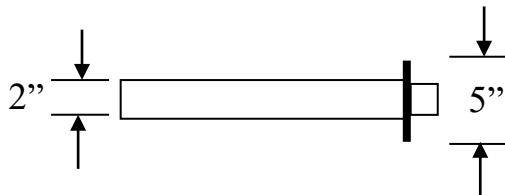
TREC CFM CAPACITIES*

HEIGHT	WIDTH							
	8"	10"	12"	14"	16"	18"	20"	24"
	8"	280	390	490	590	680	770	900
	10"		510	650	800	950	1100	1220
12"			850	1000	1200	1400	1600	2000

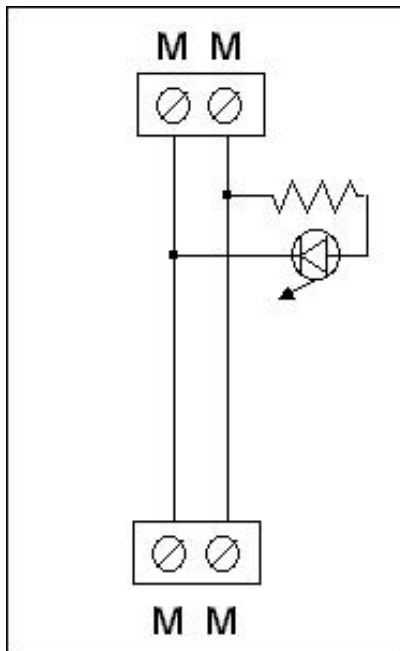
* Capacities are for reference only. Duct friction rate should be established by use of ACCA Manual D, Manual Q or equivalent. Maximum recommended velocity: 1100 FPM.

ORDERING INFORMATION

Part No.	Description
TREC (W x H)	Rectangular low pressure zone damper, side mount Sizes 8" x 8" through 24" x 12".



TERMINAL FUNCTIONS



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