

# TREX RECTANGULAR LOW PRESSURE ZONE DAMPER

## SUBMITTAL



## TREX

### *Rectangular low pressure zone damper*

### DESCRIPTION

Each TREX low pressure unit is a two-position, spring open, power closed single blade supply air damper. The dampers are available from 8"x6" to 24"x18", in 2" increments. The TREX 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 shafts are 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 TREX dampers feature 24vac full stall motors, which do not require use of end switches to terminate travel.

Each TREX is equipped with a GEN II-R damper control board. The control board is used to address each zone (1-10) by setting the jumper and to connect the daisy chain for 24V power, A and B communications connections and thermostat terminals.

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

### TECHNICAL DATA

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

**Supply Voltage:** 24vac

**Power consumption:** 12 VA maximum

**Input:** 24vac

#### ***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 galvanized steel

**Front plate:** 16 gauge galvanized steel

**Actuator:** Synchron

**Stroke:** 90° full close

Rev 9/19/18

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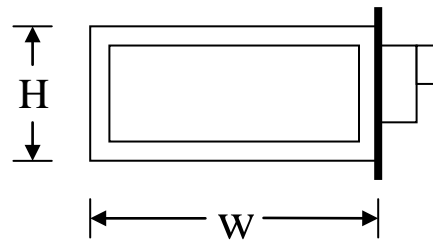
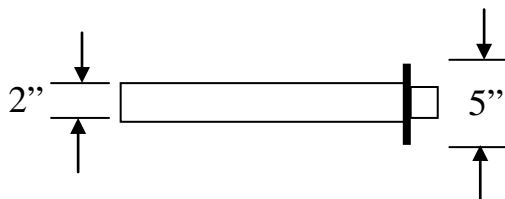
## TREX CFM CAPACITIES\*

	WIDTH								
HEIGHT	8"	10"	12"	14"	16"	18"	20"	22"	24"
6"	200	250	310	390	440	500	570	630	700
8"	280	390	490	590	680	770	900	960	1090
10"	390	510	650	800	950	1100	1220	1400	1500
12"	490	650	850	1000	1200	1400	1600	1850	2000
14"			1000	1250	1500	1750	2000	2250	2500
16"			1200	1500	1800	2100	2450	2300	3000
18"			1400	1750	2100	2500	2850	3080	3600
20"									4000

\* 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
TREX (W x H)	Rectangular low pressure zone damper, side mount Sizes 8"x 6" through 24"x18"



## TERMINAL FUNCTIONS

