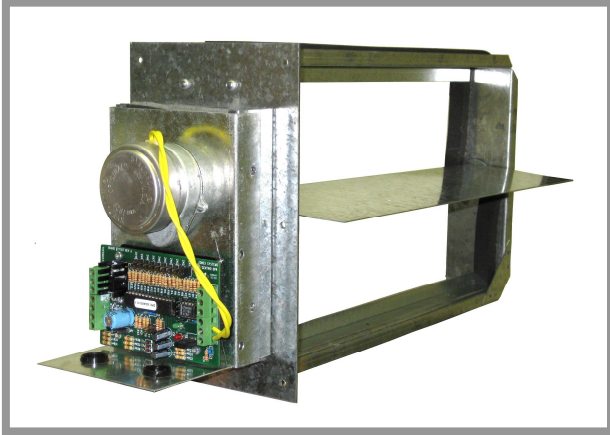


# TREX RECTANGULAR LOW PRESSURE ZONE DAMPER

## 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"x8" to 24"x12", 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 GENII-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, RX and TX 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 10/21/08

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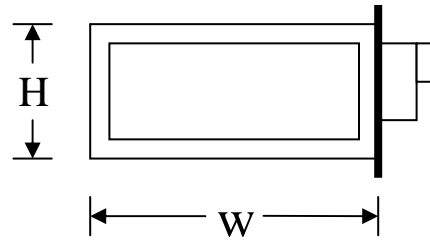
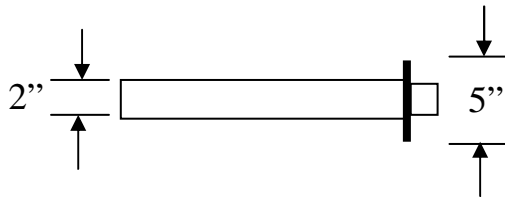
## TREX CFM CAPACITIES\*

		WIDTH							
		8"	10"	12"	14"	16"	18"	20"	24"
HEIGHT	8"	280	390	490	590	680	770	900	1090
	10"		510	650	800	950	1100	1220	1500
	12"			850		1200	1400	1600	2000

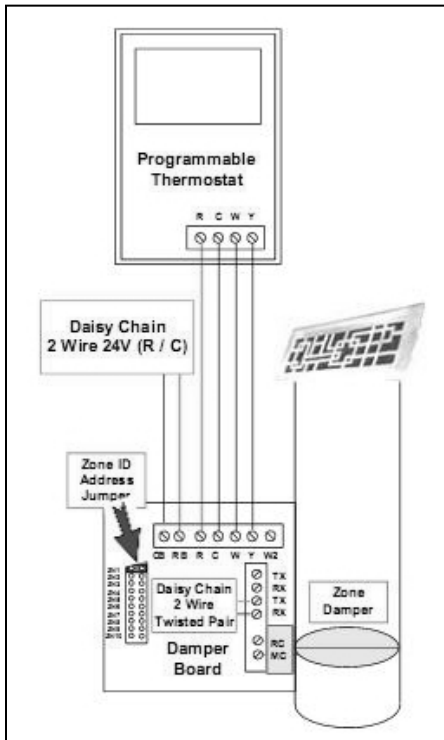
\* Capacities are for reference only. Duct friction rate should be established by use of ACCA Manual D, Manual Q or equivalent. Maximum recommended velocity: 1100 FPM.

## ORDERING INFORMATION

Part No.	Description
TREX (W x H)	Rectangular low pressure zone damper, side mount Sizes 8"x8" through 24"x12".



## TERMINAL FUNCTIONS



RC- 24vac input to damper motor  
MC- 24vac common input to damper motor