

XTR RECTANGULAR LOW PRESSURE ZONE DAMPER

SUBMITTAL



XTR

Rectangular low pressure zone dampers

DESCRIPTION

Each XTR low pressure unit is a two-position, spring open, power closed opposed blade supply air damper. The dampers are available from 8"x8" to 24"x12", in 2" increments. The XTR dampers are rated for a maximum pressure differential of .5" W.C.

The damper consists of an extruded aluminum frame, which provides maximum rigidity. All opposed blade shafts are fully enclosed in nylon bushings to reduce friction and ensure quiet operation. A high density rubber gasket affords an efficient seal to minimize blade to frame leakage.

All XTR dampers feature 24vac, full stall motors, which do not require use of end switches to terminate travel.

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

The XTR may be ordered with a bottom mounted motor.

TECHNICAL DATA

Electrical:

Supply Voltage: 24vac

Power consumption: 12 VA maximum

Input:

- 24vac

Output:

- Measured: 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: .050 extruded aluminum

Linkage: Stainless steel

Actuator: Synchron

Stroke: 90° full close

Pressure drop: < .09" W.C. @ rated CFM

Rev 10/21/08

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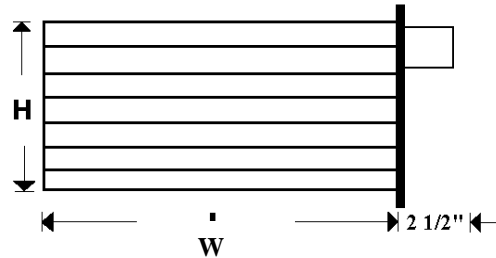
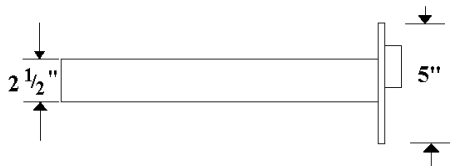
XTR CFM CAPACITIES*

		WIDTH								
		8"	10"	12"	14"	16"	18"	20"	22"	24"
HEIGHT	6"	200	250	310						
	8"	280	390	490	590	680	770	900		1090
	10"		510	650	800	950	1100	1220	1400	1500
	12"			850	1000	1200	1400	1600		2000
	14"				1250	1500			2250	
	16"							2450	2300	

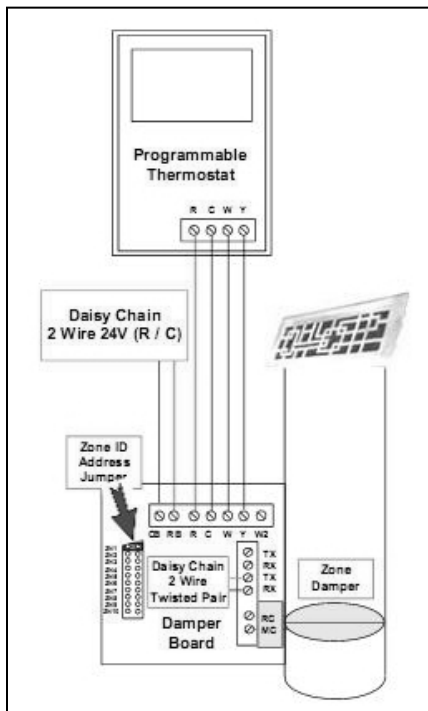
* Capacities are for reference only. Duct friction rate should be established by use of ACCA Manual D, Manual Q or equivalent. Maximum recommended velocity: 1500 FPM.

ORDERING INFORMATION

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



TERMINAL FUNCTIONS



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