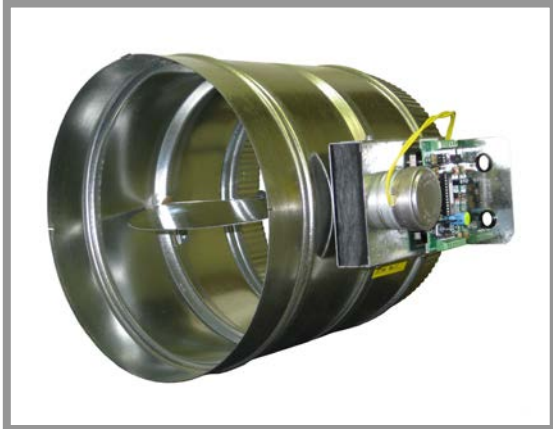


# TRX ROUND LOW PRESSURE ZONE DAMPER

## SUBMITTAL



## **TRX** **Round low pressure zone damper**

### DESCRIPTION

Each TRX low pressure unit is a two-position, spring open, power closed supply air damper. The dampers are available from 6" – 16" round, with a maximum pressure differential of .5" W.C.

The 6" – 10" damper cylinders are fabricated from 24 gauge steel and the 12" – 16" cylinders from 22 gauge steel. Each cylinder features **three** rolled beads, which provide maximum structural integrity. 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 TRX dampers feature 24vac full stall motors, which do not require the use of end switches to terminate travel.

Each TRX 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.

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

Damper motors are easily removed for damper shaft inspection. Each actuator hat section is insulated to prevent condensation.

**NOTE: TRX low pressure dampers are available with Minimum Position Stops in sizes 10" and larger. Part # is designated as TRX\_\_S (e.g., TRX10S).**

### 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:**

**Shell:** 22-24 gauge cold rolled galvanized steel  
**Shaft:** ½" aluminum, round  
**Bushings:** Celcon  
**Actuator:** Synchron  
**Stroke:** 90°  
**Pressure drop:** < .09" W.C. @ rated CFM

Rev 5/22/13

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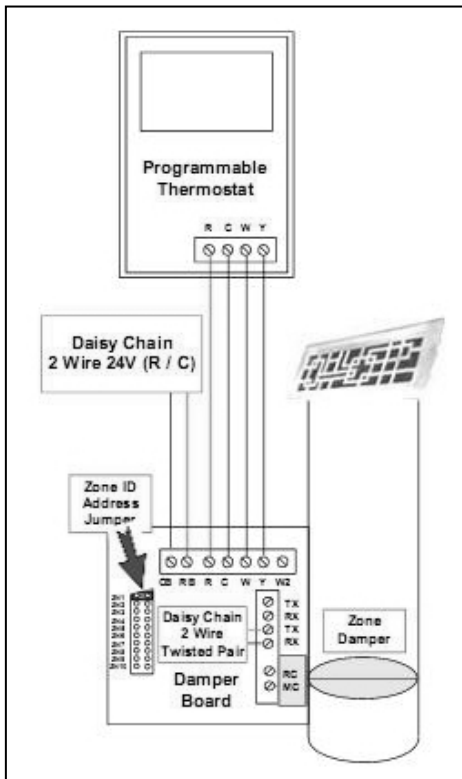
## ORDERING INFORMATION

Part No.	Description
TRX06	Low pressure zone damper, round, 6" diameter
TRX07	Low pressure zone damper, round, 7" diameter
TRX08	Low pressure zone damper, round, 8" diameter
TRX09	Low pressure zone damper, round, 9" diameter
TRX10	Low pressure zone damper, round, 10" diameter
TRX12	Low pressure zone damper, round, 12" diameter
TRX14	Low pressure zone damper, round, 14" diameter
TRX16	Low pressure zone damper, round, 16" diameter

## Dimensional Data

	Diameter	Length	Width
TRX06	6"	10"	10 1/4"
TRX07	7"	10"	11 1/4"
TRX08	8"	10"	12 1/4"
TRX09	9"	11"	13 1/4"
TRX10	10"	12"	14 1/4"
TRX12	12"	14"	16 1/4"
TRX14	14"	16"	18 1/4"
TRX16	16"	18"	20 1/4"

## TERMINAL FUNCTIONS



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