

# STMRTD RECTANGULAR MEDIUM PRESSURE SUPPLY DAMPER

## SUBMITTAL



## **STMRTD** *Rectangular medium pressure supply damper*

### DESCRIPTION

The STMRTD WxH is a medium pressure opposed blade supply air damper, and is available from 6" x 6" to 24" x 24" dimensions, in 2" increments. This damper is rated for a maximum pressure differential of 1.0" S.P. for HVAC systems of 7.5 tons or less. A bottom mount option is available in all sizes.

The actuator is installed on the Height dimension unless the damper is ordered as Bottom Mount, which will put the actuator on the Width dimension.

The STMRTD is a "cut-in" style damper, which is designed to slide into the rectangular supply duct. The damper assembly consists of a heavy duty extruded aluminum frame, to provide maximum rigidity. All opposed blade shafts pivot 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.

STMRTD dampers can be wired in paralleled to provide additional zone CFM capacity when required.

Minimum open and close positions can be manually adjusted on the actuator for air balance requirements.

### TECHNICAL DATA

#### **Electrical:**

**Supply Voltage:** 24vac

**Power consumption:** 2 VA maximum (1.5 watt)

**Wire Size:** 18 ga. Solid Minimum

#### **Environmental:**

**Operating temperature:** -22° to 122° F (-30 to 50° C)

**Operating humidity:** 5-95% non-condensing

**Storage temperature:** -10° to 150° F (-23° to 66° C)

#### **General:**

**Frame:** .050 extruded aluminum

**Linkage:** Stainless steel

**Actuator:** Power Open / Power Close

**Stroke:** 90°

**Pressure drop:** < .09" W.C. @ nominal CFM

Rev 5/29/08