

MODULATING SUPPLY AIR DIFFUSER

SUBMITTAL



Modulating supply air diffuser

***Controlled by Wireless Programmable Thermostat**

Part #WD-FUSERX

DESCRIPTION

The **WD-FuserX** provides fully modulating auto changeover operation controlled by a wireless programmable thermostat which controls both heating and cooling in each VAV zone. The WD-FuserX is designed to operate in a bypass VAV system or for stand alone or floating zone application.

This combination damper - diffuser is equipped with a fluidic nozzle providing each zone with exceptional temperature control and maximum comfort. The WD-FuserX utilizes fluidic principles to maximize the Coanda effect. As room load varies, the WD-FuserX modulates to control the flow of supply air, maintaining the smoothest possible flow of air, coupled with the greatest ceiling attachment.

A wireless programmable thermostat operating on a proprietary wireless network communicates and modulates the WD-FuserX based on zone demand and temperature variance from set point.

The WD-FuserX can be used with duct sizes of 6", 7", 8", 9" or 10". Order the collar size to fit appropriate duct size for the application.

TECHNICAL DATA

Electrical:

Supply Voltage: 24vac

Power consumption: 2.0 VA maximum

Inputs: 24vac

Environmental:

Operating temperature: 32° to 140° F (0° to 60° C)

Operating humidity: 5-95%, non-condensing

Storage temperature: 0° to 160° F (-17° to 71° C)

Dimensions:

23 7/8" wide and 23 7/8" deep, 16 7/8" high with Collar
Weight 18.5 lbs.

Fits into 2x2 T-bar ceiling

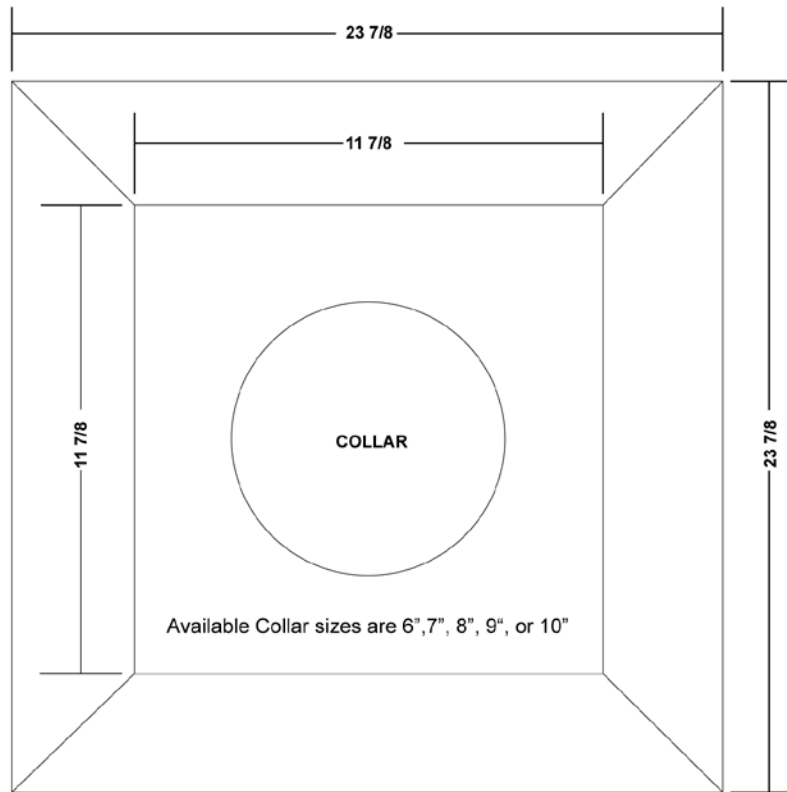
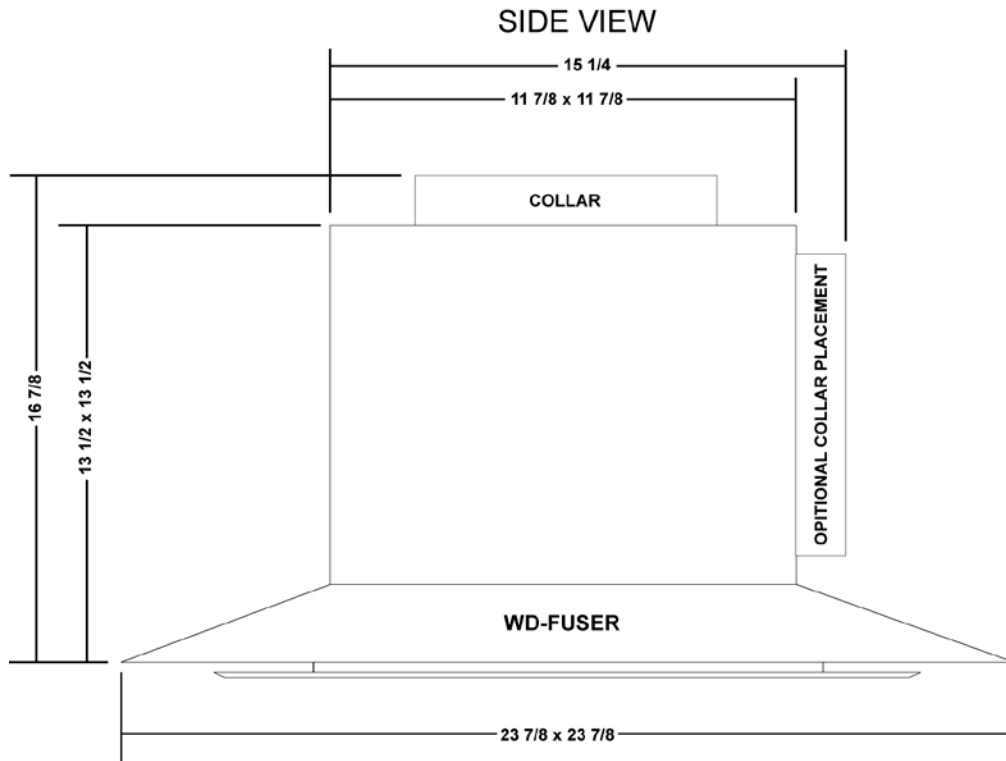
NOTE: Static Pressure at the collar neck must not exceed .1" SP. A fully modulating Bypass damper with integrated static pressure control is recommended when SubZone controls exceed 35% of the system's air capacity.

*Compatible only with GEN X

REV 3/6/17

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Dimensional Data:



TOP VIEW