

Submittal Sheet

JOB NAME _____
ARCHITECT _____
ENGINEER _____
CONTRACTOR _____
LOCATION _____

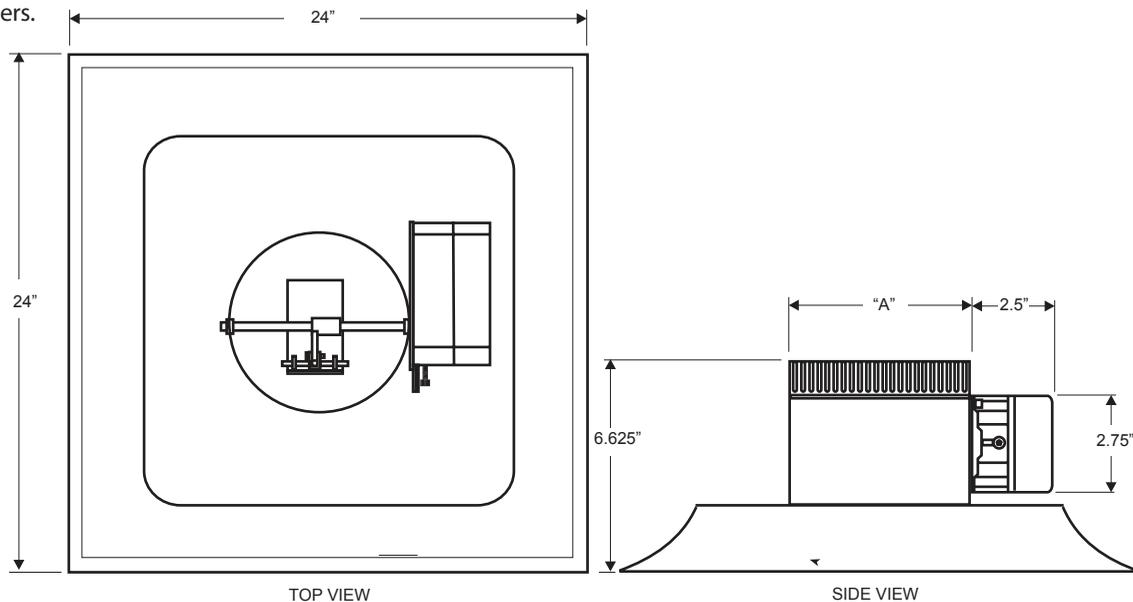
Zone One™ VAV Electronic Zone Diffuser

The electronically controlled variable air volume diffuser shall be the Specified Controls VAV Electronic Diffuser. The removable face plate (minimum of 18 gauge steel) is attached to a unitary stamped seamless backbone. The diffusers shall include an integral modulating disk that continually regulates the volume of supply air in response to the wall-mounted thermostat. Diffusers dependent on integral air induction ceiling-located sensors or setpoint adjustment methods other than from wall-mounted thermostats shall not be acceptable.

To ensure finite control of temperature by modulation, the electric 24VAC actuators shall be a drive open, drive closed motor on the electrically driven units. Actuators that incorporate an expanding material which only drives the unit open when subjected to heat-causing electrical current, requiring a spring return mechanism to force the diffuser to a closed position shall not be acceptable. Electronic modulating wall-mounted thermostatic control shall be either a 2 to 10VDC or floating-point. All field wiring, materials and labor shall be supplied and installed by others.

Features:

- Construction:**
 - Unitary stamped seamless backbone with removable face plate
 - Steel construction with baked white enamel finish. (also available in aluminum with baked enamel finish.)
 - 4-way discharge pattern
- Controls:** modulating wall-mounted thermostatic control
- Models available:**
 - 12" X 12" and 24" X 24" face sizes with "A" neck sizes in 6", 8", 10", 12" and 14" diameters
- Electrical:** 24volt, 2VA, floating point, 90 sec. timing, 44lb-in
- Operation:**
 - Incorporates an integral modulating disk that continually regulates the volume of supply air in response to the wall-mounted thermostat.



Drawings are intended to show general, overall product dimensions and provide guidance for installation clearance. Drawings are not to scale.

**SPECIFIED
CONTROLS**



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