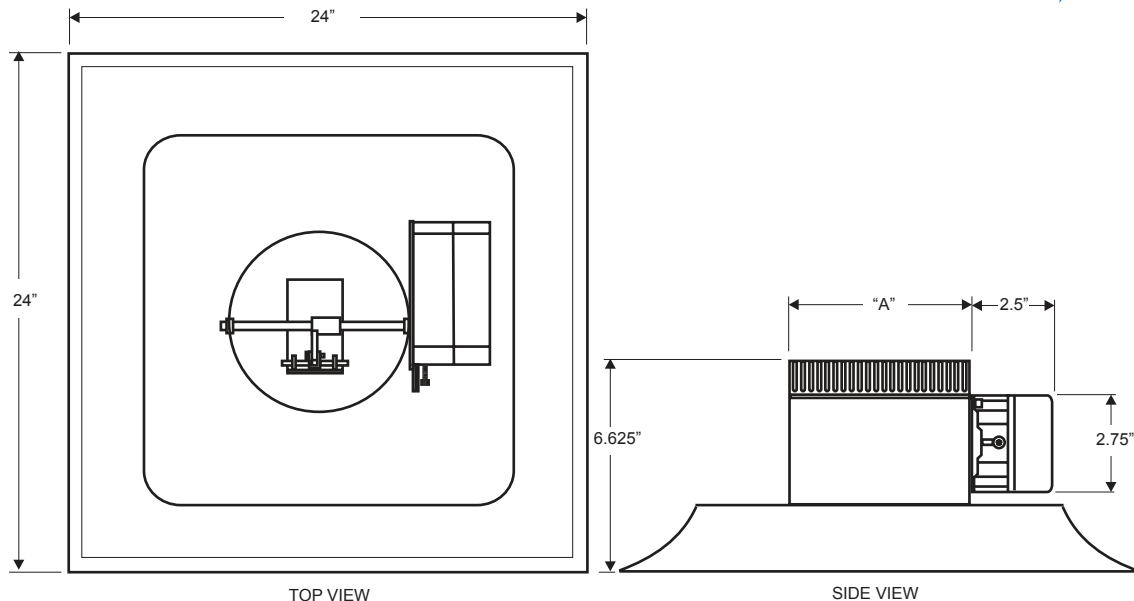


Specification Sheet

VAV Electronic Diffuser



SUGGESTED SPECIFICATION:

The electronically controlled variable air volume diffuser shall be the Jackson Systems VAV Electronic Diffuser. The removable face plate (minimum of 18 gauge steel) 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 set point 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.

DIMENSIONS:

SE-HC are available in 12" x 12" and 24" x 24" face sizes with "A" neck sizes in 6", 8", 10", 12" and 14" diameters.

APPLICATION:

Used to vary the supply air volume from a wall-mounted thermostat. Diffuser is designed to maintain coanda effect (draft free) of discharge air along the ceiling, providing a sustained discharge velocity throughout the volume range of 118 to 710 CFM.

OPERATION:

Incorporates an integral modulating disk that continually regulates the volume of supply air in response to the wall-mounted thermostat.

CONSTRUCTION:

Unitary stamped seamless backbone with removable face plate
Steel construction with baked white enamel finish
4-way discharge pattern

ELECTRICAL:

24Volt, 2VA, floatingpoint
90 second timing
44lb.-in.

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