

Did you know about Specified Controls VAV Diffuser...?

OPERATION:

The VAV Diffuser by Specified Controls incorporates an internal modulating disk that continually regulates the volume of supply air in response to a wall-mounted thermostat. This VAV diffuser is designed to maintain a coanda effect (draft free) of discharge air along the ceiling, providing a sustained velocity throughout the volume range. Operating the diffuser from an individual wall mounted thermostat enables users to choose their own desired level of comfort control from desk top level, rather than a stratified ceiling level.

FEATURES:

- Wall-mounted thermostatic control. Temperature is controlled within an individual zone from a wall-mounted thermostat.
- Powerful, low-voltage actuator. Floating point actuators are standard.
- True variable air volume in heating and cooling modes. The diffuser effectively regulates the amount of supply air into the space and uses a wall-mounted thermostat to achieve true VAV control in heating and cooling modes. Automatic changeover from heating to cooling is standard.

NOTE:

If a single zone system or multiple zone systems are used to zone more than 30% of the total CFM served by the HVAC system, a bypass damper may be required to maintain constant system static pressure.



BACnet® OPTION:

The electronic BACnet® Diffuser is used to vary the supply air volume from a factory supplied, wall-mounted, adjustable, communicating BACnet® thermostat. The BACnet® interface is designed to allow integration into the BAS, providing information, scheduling and adjustment via the factory supplied, wall-mounted, adjustable, communicating thermostat or via a BACnet® Building Automation System by others. No need for any additional hardware to allow the electronic BACnet® VAV diffuser to communicate via BACnet®, simply wire diffuser into the communications bus and allow the diffuser to be discovered by the network.

Learn more about Specified Controls products by contacting your local Stan Weaver Engineering Team:

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