



BACnet Auxiliary Diffuser

Used with BN-XX

BN-XX-SD

For variable air volume applications

Diffusers

The BN-XX-SD is used as an auxiliary diffuser with the BN-XX BACnet diffuser when more than one diffuser is required in a single zone.

Features and Benefits:

- Fully-modulating diffuser
- True variable air volume in heating and cooling modes
- Air volume ranges from 60 to 1,500 cfm
- Adjustable minimum and maximum damper position
- Suitable for lay-in ceilings or hard ceiling (with accessory frame)
- Four-way discharge pattern (1, 2 or 3-way pattern with accessory baffles)
- Installation flexibility
- Custom colors available



Available Sizes:

Face Size:	24" X 24" (23.75" x 23.75")
Neck Size:	6", 8" for 12" x 12" face size 6", 8", 10", 12", 14" for 24" x 24" face size

Construction:

Face Plate:	Removable 18 gauge steel with baked white enamel finish
Back Cone:	Unitary stamped 18 gauge steel

Warranty: 5 Years

Diffuser Actuator:

24 VAC, 2VA, 2-10VDC actuator

Operation:

Diffuser:	Integral modulating disk that continually regulates supply air volume in response to thermostat control
Air Volume Range:	118 to 710 cfm
Static Pressure:	Not to exceed .25" W.C.