

Specification Sheet Round VAV Diffuser

Used in commercial zoning applications

VDR-XX

The VDR-XX Round VAV Diffuser is used to vary the supply air volume from a proprietary wall-mounted thermostat. The diffuser is designed to maintain 360° horizontal air pattern delivery. A powerful 24 volt floating point actuator is used to modulate an integral disk that continually regulates the volume of supply air in response to the wall thermostats control algorithm. The VDR-XX can be used with the Z2000 zoning system or as a stand-alone zone VAV diffuser.

The VAV air diffuser shall be all steel construction including factory mounted actuator with discharge air sensor and PC board. Custom paint and aluminum options are available.

OPERATION:

Diffuser: Integral modulating disk that continually regulates supply air volume in response to thermostat control

Air Volume Range: 6" ranges from 79 to 275 CFM
8" ranges from 140 to 489 CFM
10" ranges from 218 to 764 CFM

DIFFUSER ACTUATOR:

24 VAC, 2VA , 3-wire floating point actuator, 90 second stroke

COMPONENTS:

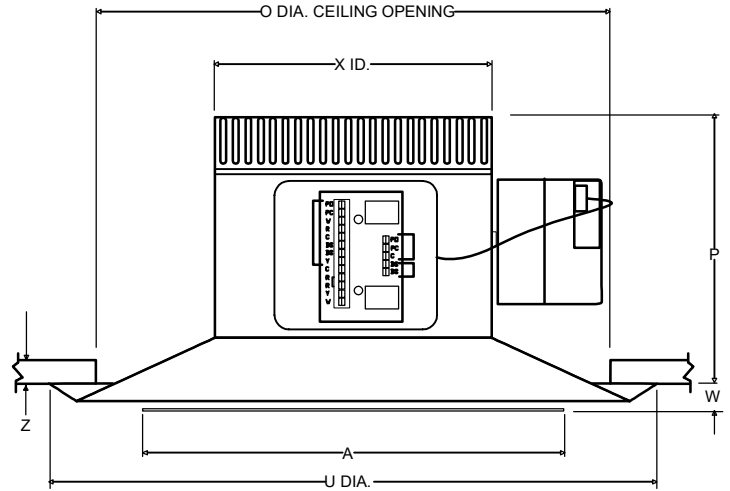
Diffuser, actuator, PC board and discharge air sensor

AIR HANDLER CONTROL:

Space thermostat
Discharge air controller

WARRANTY:

5 Years



SIZE	NECK AREA SQ FT.	O	P	U	W	X	Z	A
6	.196	10-1/2	7	13	5/8	6	3/8	8
8	.349	16	7-1/2	18	7/8	8	1/2	12-3/4
10	.545	21	8-3/8	24	1	10	1/2	16-3/4