

## VORTEX SWIRL DIFFUSER (VSD-9):

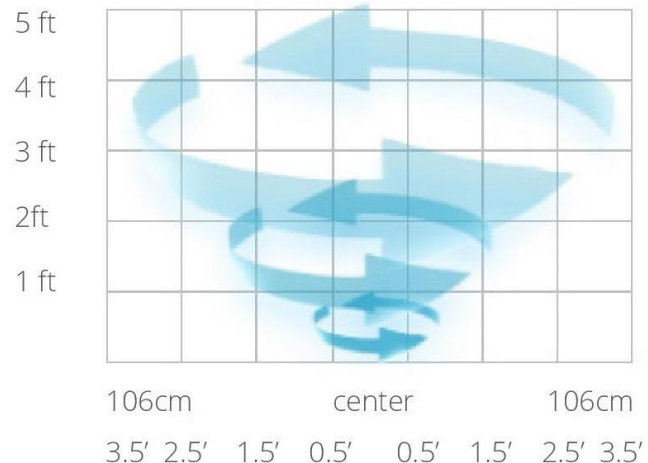
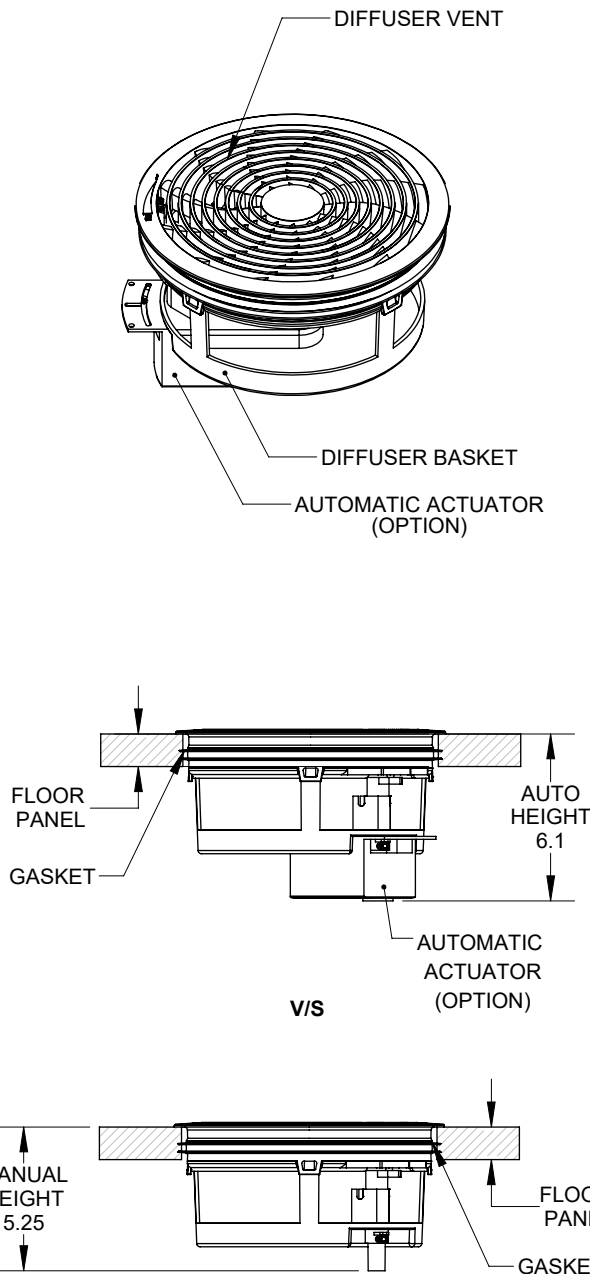
### PRODUCT DESCRIPTION

The Vortex Swirl diffuser, VSD-9 is engineered to deliver air at low velocity discharge and high induction rates for better air quality. The VSD-9 optimizes the stratification of air for a fresher environment and increased productivity.

### FEATURES

- Vortex swirl air pattern
- VSD-9's vent is available in high strength polymer or aluminum construction. Basket made of high strength polymer
- Fire rated polymer diffuser is load rated for 1250 lbs. and aluminum diffuser is load rated for 1700 lbs.
- Gasketed to control air leakage less than 10 CFM when fully closed
- Airflow capacity up to 110 CFM
- Air flow regulation either manual or automatic
- Personal airflow control slider in manual models allows occupants to customize their airflow
- Reliable actuator for automatic models
- Easy to install, clean, and relocate
- Removable diffuser basket for easy clean.

### AIR DISTRIBUTION PATTERN VORTEX SWIRL DIFFUSER



\* All dimensions in Inches

Project Name and Number:

Description:

VORTEX SWIRL DIFFUSER(VSD-9)

Engineer:

Submission  
Date :

**PROPRIETARY AND CONFIDENTIAL**

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Pressure Differential	0.05" in WC	Air flow Volume	110 CFM
Height Above the floor	Radial Distance from Diffuser(Inch)		
	0"	6"	12"
48"	65 ft/min	50 ft/min	50 ft/min
36"	65 ft/min	60 ft/min	50 ft/min
24"	95 ft/min	65 ft/min	50 ft/min
18"	185 ft/min	50 ft/min	-
12"	65 ft/min	40 ft/min	-

DIFFUSER AIR VELOCITY

**VORTEX SWIRL DIFFUSER OPTIONS:**

1. MAX AIR FLOW:

- ☐ 80 CFM \*
- ☐ 110 CFM

2. DIFFUSER CONTROL:

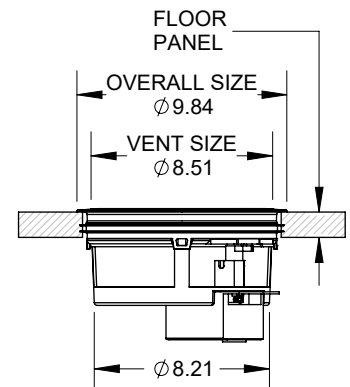
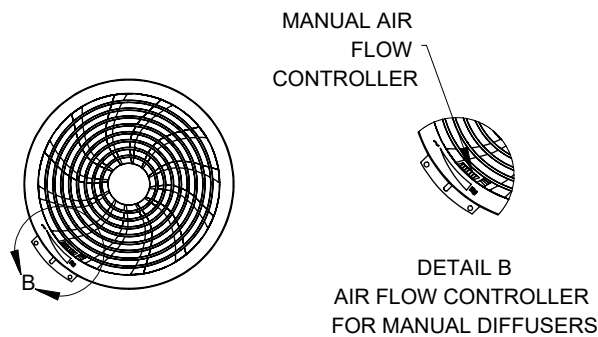
- ☐ MANUAL
- ☐ AUTO \*

3. VENT MATERIAL:

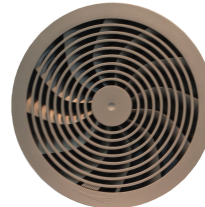
- ☐ ALUMINUM
- ☐ POLYMER \*

4. VENT COLOR:

- ☐ BLACK \*
- ☐ GRAY
- ☐ BEIGE
- ☐ CUSTOM



BLACK



BEIGE

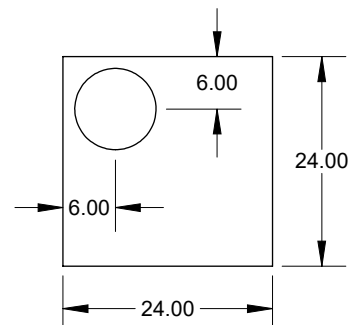
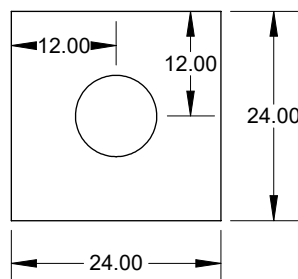


GRAY

VENT COLOR

\* SUPPLIED AS STANDARD OPTION

NOTE: MINIMUM 6" FLOOR CLEARANCE REQUIRED



ACCESS FLOOR PANEL CUTOUT  
(ALL DIM. IN INCHES)

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