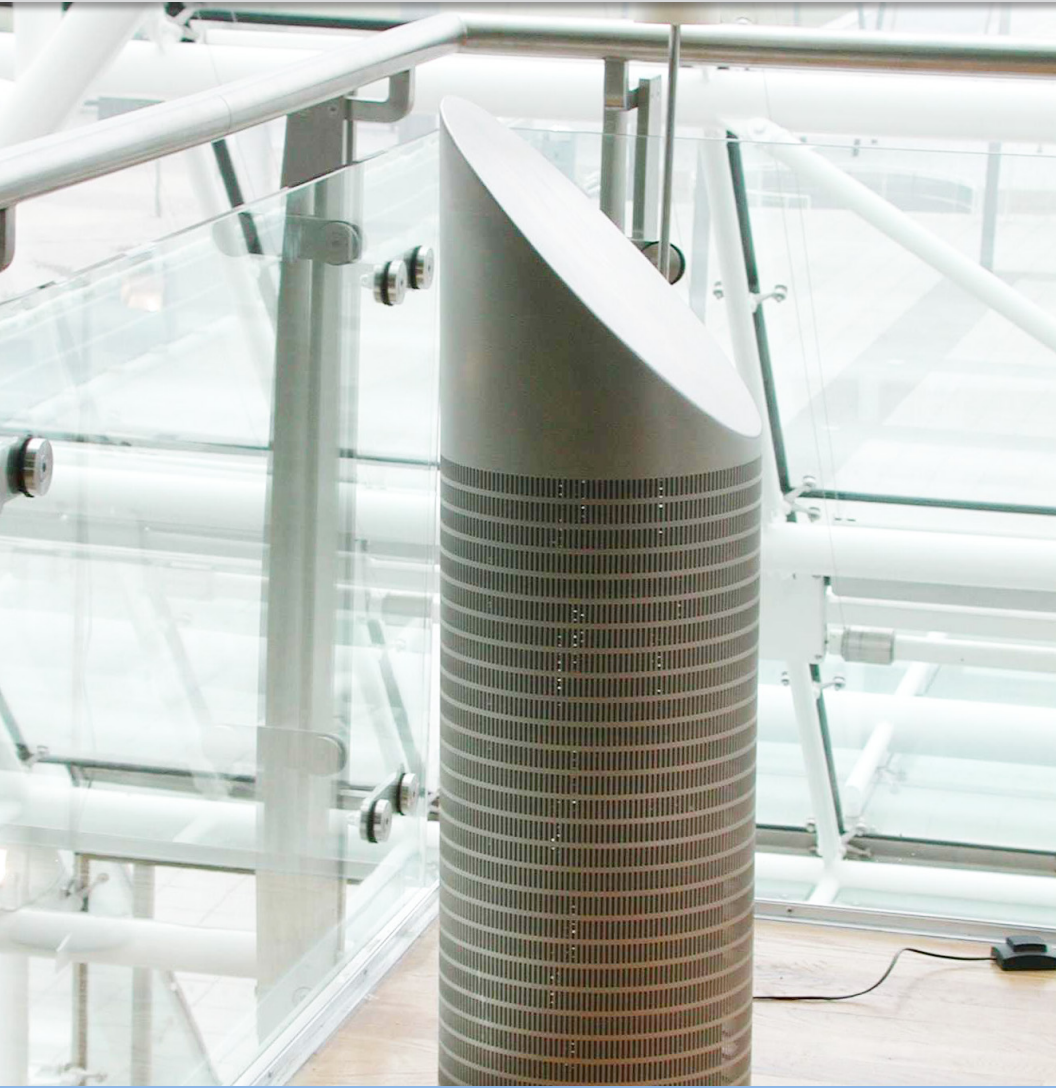


DISPLACEMENT VENTILATION



QUIET & COMFORTABLE

Maintain comfort while meeting stringent sound requirements.

 **KRUEGER**

Product

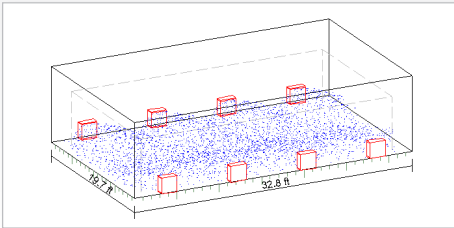
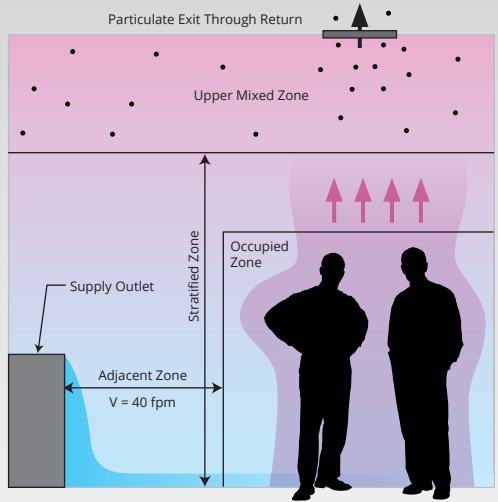
Displacement Ventilation - High volume, low velocity perforated diffuser.

Introduction

Displacement ventilation is an efficient method of distributing air from a dedicated outdoor air unit into a space. Delivering fresh air directly to the occupied zone, these products are especially effective in helping to eliminate particles from the air and increase IAQ, which make them ideal for spaces such as schools, casinos, auditoriums, natatoriums, theaters, airports, restaurants and areas where fresh air is essential.

Features

- Energy efficient.
- Increased air quality.
- Reduced contaminants and odors.
- Quiet operation.
- Provides occupant comfort.



K-HIT Selection Program

- Dynamic catalog page output.
- Room modeling.
- Submittal generation.
- Installation guidelines.
- CAD export capabilities.

Design Parameters

Room Temp	73 - 77° F
Supply Air Temp	61 - 70° F
Pressure Drop	0.04 - 0.16" WG
Sound Pressure Level	25 - 40 dB(A)
Supply Airflow Rate / Floor Area	0.4 - 2 cfm/ft ²
Cooling Capacity / Floor Area	2 - 8 W/ft ²
Heating Capacity / Floor Area	1.85 - 3.75 W/ft ²

Application	Minimum Recommended Supply Air °F	Set Point °F
Auditorium	70 - 72°F	75°F
Lobby	64 - 72°F	75°F
Atrium	64 - 75°F	75°F
Classroom	68 - 72°F	75°F
Industry	57 - 64°F	75°F
Hot/Humid Space	61 - 64°F	78°F