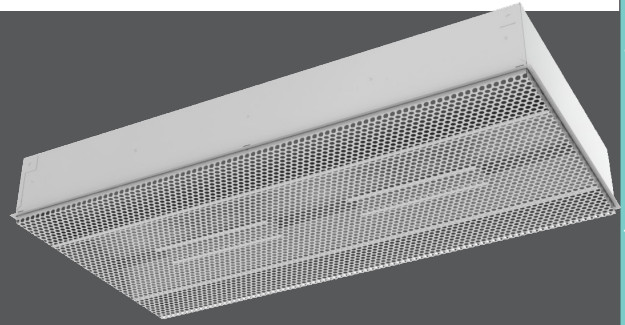


TriTec

- Face drops no more than $\frac{5}{8}$ " below the ceiling
- Removable face for sanitizing (no special tool required to remove the face)
- Available in steel, 304 stainless steel, or aluminum with 304 stainless steel face
- Available in 24 x 24" and 48 x 24" module sizes
- Low velocity hemispherical pattern or one-way hemispherical pattern available
- Factory supplied back pan with every unit
- 22-gauge backpan
- Available in inlet sizes of 8" or 10" for 24 x 24" module sizes, 10" or 12" for 24 x 48" module sizes
- Standard unit lays into standard T-bar ceiling grids. Optional TRM mounting frame available for surface mounting.



TRITEC



cleanrooms



research labs

AVAILABLE MODELS:

TriTec / Steel Face and Backpan

TriTec-AL / 304 Stainless Steel Face with Aluminum Backpan

TriTec-SS / 304 Stainless Steel Face and Backpan

FINISHES

Standard Finish - #26 White

Optional Finish - #04 Mill

OVERVIEW

High Volume, Low Velocity, Radial Air Diffusion Technology

TriTec models are designed to allow large volumes of air to be brought into the environment with very short throws.

Discharging airflow patterns of a two-way blow provide a 180 degree radial pattern, TriTec takes advantage of the maximum space available for distributing velocity. This results in the lowest possible velocities for the volume of air being delivered. Unlike competitive models, TriTec takes advantage of a 51 percent free area perforated face that drops below the ceiling less than $\frac{5}{8}$ ". In appearance, TriTec models look like industry standard perforated diffusers.

TriTec's unique design allows it to create a full pattern in the middle of the diffuser as well as on the ends. The design of the TriTec allows these diffusers to be mounted end to end without increasing the throw.

Applications include labs with exhaust hoods, pharmaceutical manufacturing, telephone switching rooms, biotechnology research and many other applications where high airflows with short throws are required. This diffuser has a very high induction rate. These diffusers are an excellent choice for ISO Class 6 to 8 spaces.



See website for Specifications

Air enters the diffuser and is spread across the entire diffuser by the pressure induction plate. As air passes through the pressure induction plate it expands into the air dampening chamber. While passing through the air dampening chamber, long fixed blades direct the air creating a hemispherical air pattern as the air passes through the 51 percent free area face.

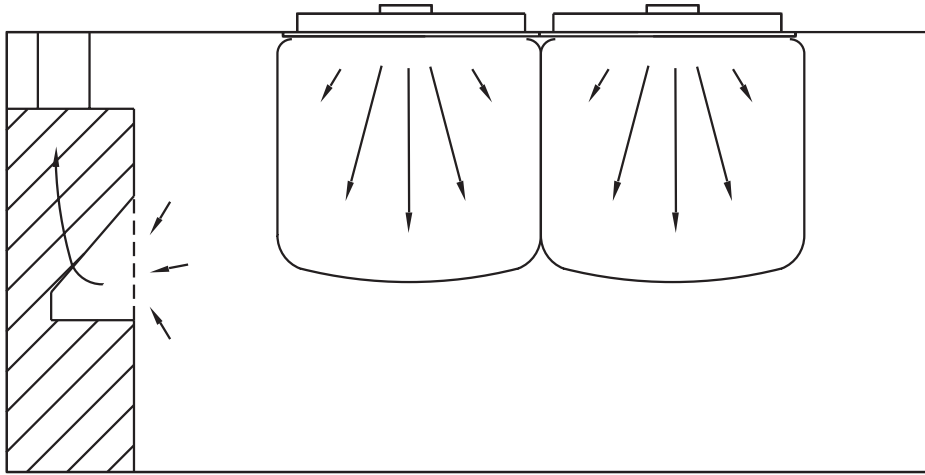
ADVANTAGES

- Simple to install and maintain
- Great for use in fume hood areas
- Earthquake tabs supplied as standard
- Retainer cable supplied with every unit
- 51 percent free area perforated face matches industry standard perforated diffuser's appearance

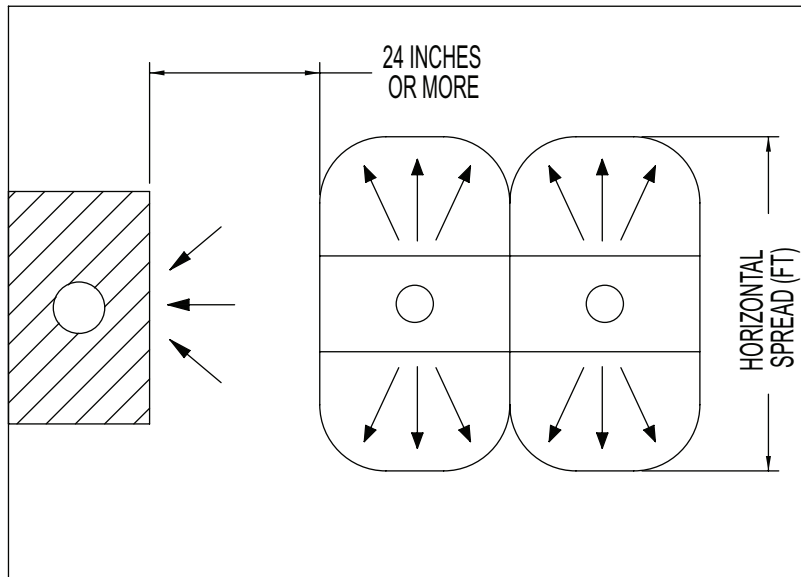
CHEMISTRY LAB WITH TRITEC DIFFUSERS



TriTec Laboratory Application - Side View



TriTec Laboratory Application - Plan View



TriTec Laboratory Application - End View

