critical environment diffusers

RadiaTec

- Removable face for sanitizing from room-side (no special tool required)

- Available in aluminum and 304 stainless steel modular parts, (face and back pan can be of a different material)

- Available in 24 x 24" and 48 x 24" module sizes with one-way or two-way patterns

- Available inlet sizes: 8 or 10 inches for 24 x 24"; 10 or 12 inches for 48 x 24" modules

- Compatible with 1 or 1½" T-bar ceiling grids. Optional TRM mounting frame available for surface mounting.

- Unique baffling inside diffuser assures even air distribution across entire face

- Quarter-turn fasteners and retainer cables allow easy access for cleaning and filter replacement

RADIATEC

cleanrooms   research labs

See website for Specifications

MODELS:

RadiaTec-AL / Aluminum Face and Backpan
RadiaTec-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

The RadiaTec diffuser is designed to meet the challenge of diluting airborne contaminants by supplying high-volume, low-velocity airflow to displace impurities. The airflow pattern is designed to produce a uniform pattern to prevent dead spots where contaminants can linger. In addition, the air pattern is tighter to the ceiling than competitive models to limit the air pattern penetration into the occupied zone.

The RadiaTec creates a full pattern along the face of the diffuser, and when mounted end-to-end, throw is not increased.

Applications include labs with exhaust fans, pharmaceutical manufacturing, biotechnology and other applications where high air volume with short flow are required. The RadiaTec's high induction rate draws impurities into its airstream, allowing it to be diluted to less harmful levels prior to exhausting the air. Excellent choice for ISO Class 6 to 8 spaces.
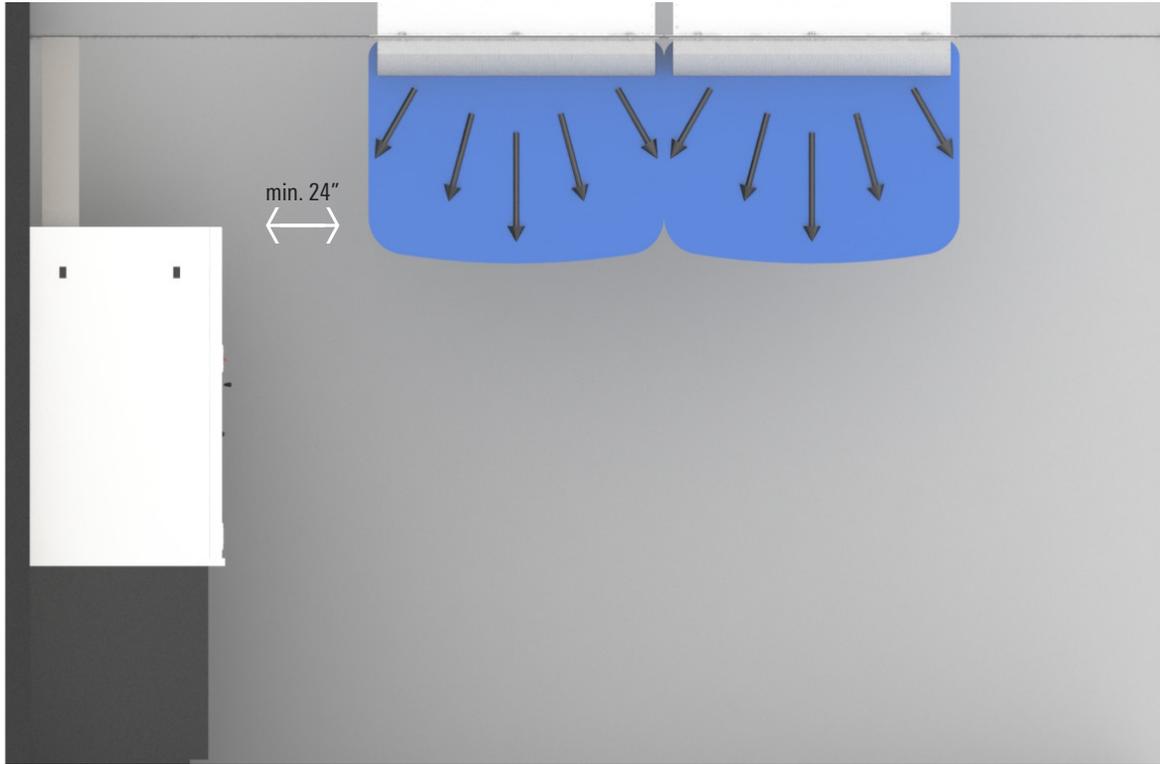

RadiaTec in Laboratory Application - End View

Redefine your comfort zone. ™ | www.titus-hvac.com

RadiaTec in Laboratory Application - Side View

min. 24"

RadiaTec in Laboratory Application - Plan View

min. 24"

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