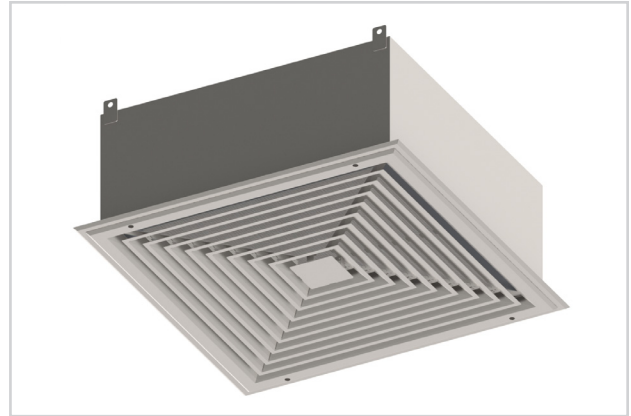


## Horizontal Pattern

## critical environment diffusers

### TDCR

- Ideal for installation in laboratory spaces and anterooms
- Snap-in, tool-less filter installation and removal
- Factory pressure tested
- Fully welded construction option
- Roomside accessible PAO challenge port option
- Louvered face quickly removes by loosening quarter-turn fasteners
- Retainer cables prevent the perforated face from falling after removal
- 4-way cross-flow air flow pattern
- Accommodates filters with 2", 3", & 4" media packs
- Compatible with 1" or 1½" T-bar ceiling grids
- Optional TRM mounting frame available for surface mounting



TDCR



healthcare

cleanrooms

research labs

### MODELS:

TDCR-AL / Aluminum Face with Aluminum Backpan  
TDCR-SS / 304 Stainless Steel Face and Backpan

### FINISHES:

Standard Finish - #26 White and #04 Mill  
Optional Finish - #84 Black

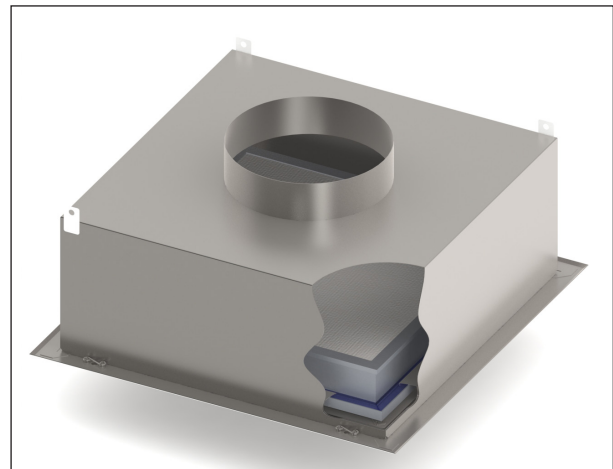
### OVERVIEW

Ultra Clean, High Volume, Louvered Face, Cross Flow Air Diffusion Technology

TDCR models are designed to allow large volumes of filtered air to be supplied to the space in a 4-way cross-flow air pattern. Titus Series TDCR diffusers handle an unusually large amount of filtered air for a given pressure drop and noise level. Including snap-in, auto-centering filter retainers, the TDCR reduces the amount of time and effort during installation and removal of filters. This decreases the time a laboratory or anteroom is out of commission.

Applications include anterooms for pharmaceutical manufacturing, biotechnology research and many other applications where an elevated volume of clean airflow is required to purge contaminants from the space in a short duration, preventing the migration of airborne particles into or out of an isolated space. The horizontal throw pattern combined with the high volume of filtered air that can be supplied by the TDCR also make them ideal for use in laboratories with high heat loads. These diffusers are an excellent choice for ISO Class 9 to 7 spaces.

 See website for Specifications



Cross section view of the TDCR