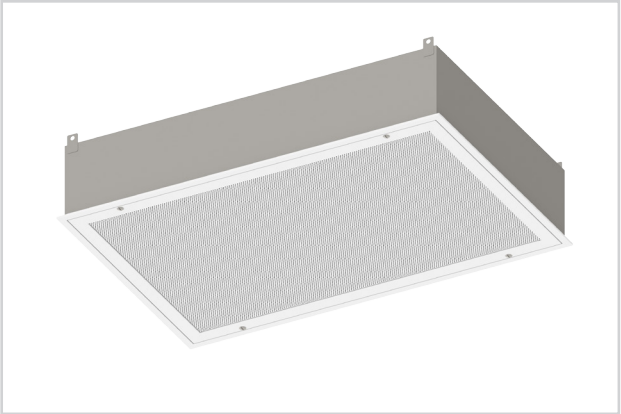
TLFR

- Ideal for installation in hospital operating rooms
- Snap-in, tool-less HEPA filter installation and removal
- Factory pressure tested
- Fully welded construction option
- Roomside accessible PAO challenge port option
- Perforated face quickly removes by loosening quarter-turn fasteners
- Retainer cables prevent the perforated face from falling after removal
- Three free area options
- 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



TLFR

See website for Specifications

MODELS:

TLFR-AA / Aluminum
TLFR-SS / 304 Stainless Steel

FINISHES:

Standard Finish - #26 White
Optional Finish - #04 Mill

OVERVIEW

Vertical Laminar Flow Technology

The next generation Titus unidirectional flow diffuser for critical environments has been designed to comply with industry standard, ASHRAE 170, offering important safeguards for surgical patients. Used in operating rooms as the primary diffusers, the vertical piston of air created by the TLFR is used to discharge clean air over the patient during operations. Including snap-in, autocentering filter retainers, the new TLFR reduces the amount of time and effort during installation and removal of filters. This decreases the time a lab or operating suite is out of commission, allowing facilities to maximize profitability and patient care.

Unidirectional flow minimizes air induction, reducing the opportunity for contaminated air to be re-entrained and pollute a clean airstream.

The TLFR Series of laminar flow diffusers generates a low velocity, evenly distributed, downward moving "piston" of conditioned air.

Installed over the operating table in a hospital operating room, TLF diffusers help protect the patient from contaminated room secondary air. The only appreciable amount of room air entrainment occurs at the boundaries of the moving air mass, outside the confines of the operating table. As a result, the patient is effectively isolated from residual room air.

TLFR is especially effective in cooling areas with heavy, localized, internal loads, as in computer rooms. The column of air delivered by the TLF cools the load source directly without generating high velocities in the occupied space.