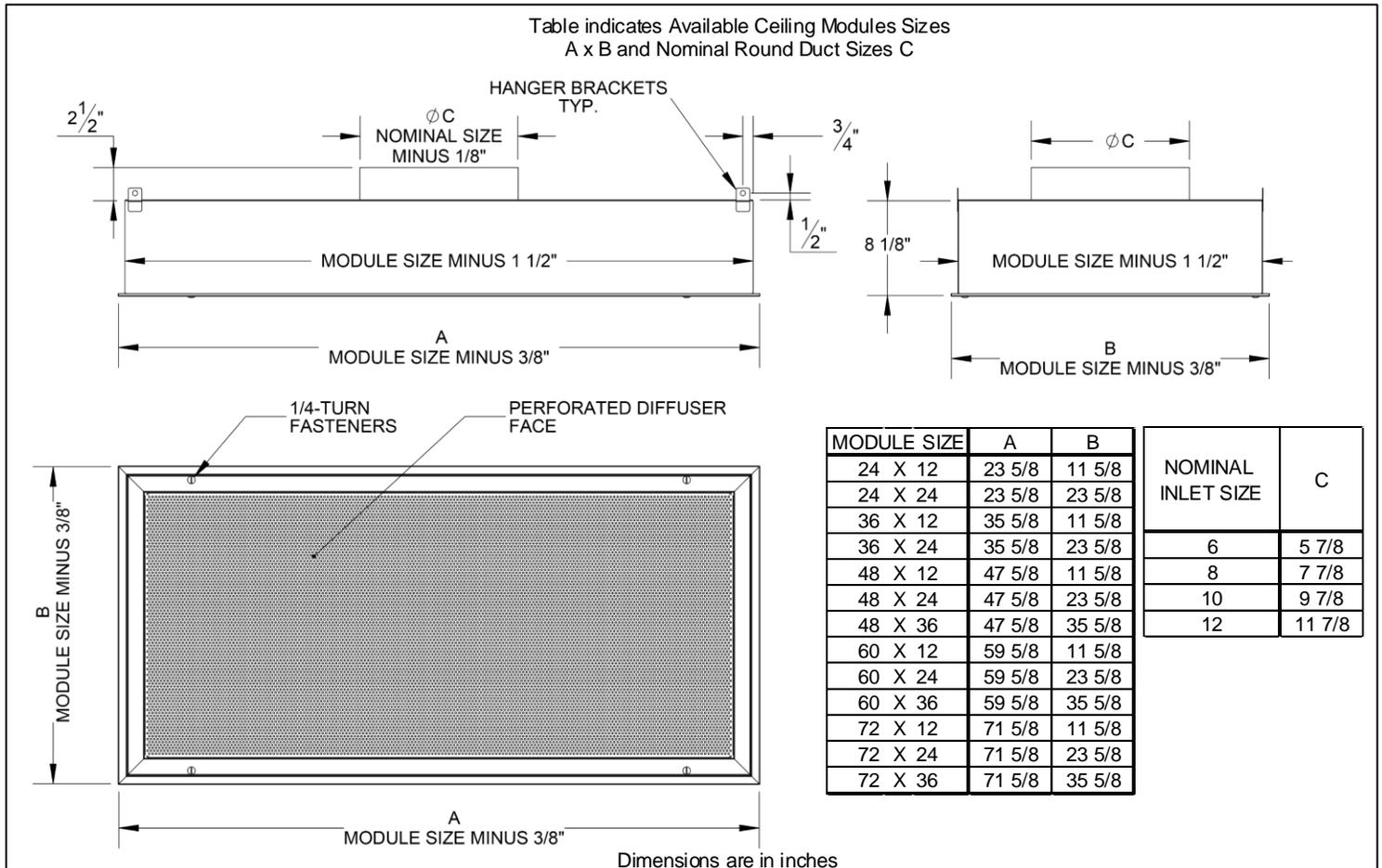


Laminar Flow Ceiling Diffusers Perforated Face

Model: TLFR-AA • Removable Face • Aluminum
 TLFR-SS • Removable Face • Stainless Steel



General Description

- Model TLFR laminar flow diffuser generates a low velocity, evenly distributed, unidirectional air pattern.
- Introduces clean supply air to the space with minimal entrainment of room air, occurring at the boundaries of the supply air mass of a diffuser or array of diffusers.
- Airtight plenum/filter housing construction
- Integral filter rack for use with high efficiency gel seal type filters
- Quick change tool-less auto-aligning filter retention system
- Static Pressure Test Port
- Perforated face is quickly removed by loosening 1/4 turn fasteners.
- Snap-in removable equalization baffles
- Retainer cables prevent accidental dropping of perforated face after removal.
- Designed for surfaced mounted or conventional T-bar ceiling system.
- Compatible with 1" or 1 1/2" T-bar ceiling grids.
- Compatible with 2", 3", and 4" thick filters
- Compatible filter models are: HEPA-R, ULPA-R, MERV14-R, & MERV15-R

Basic Unit Configuration

Check if provided.

Construction Material

- Aluminum Construction
- 304 Stainless Steel Construction

Face Free Area

- 13% Free Area Perforated Face (For airflows up to 35 CFM/ft²*)
- 22% Free Area Perforated Face (For airflows between 35 & 65 CFM/ft²*)
- 33% Free Area Perforated Face (For airflows 65 CFM/ft² and higher*)

Finish

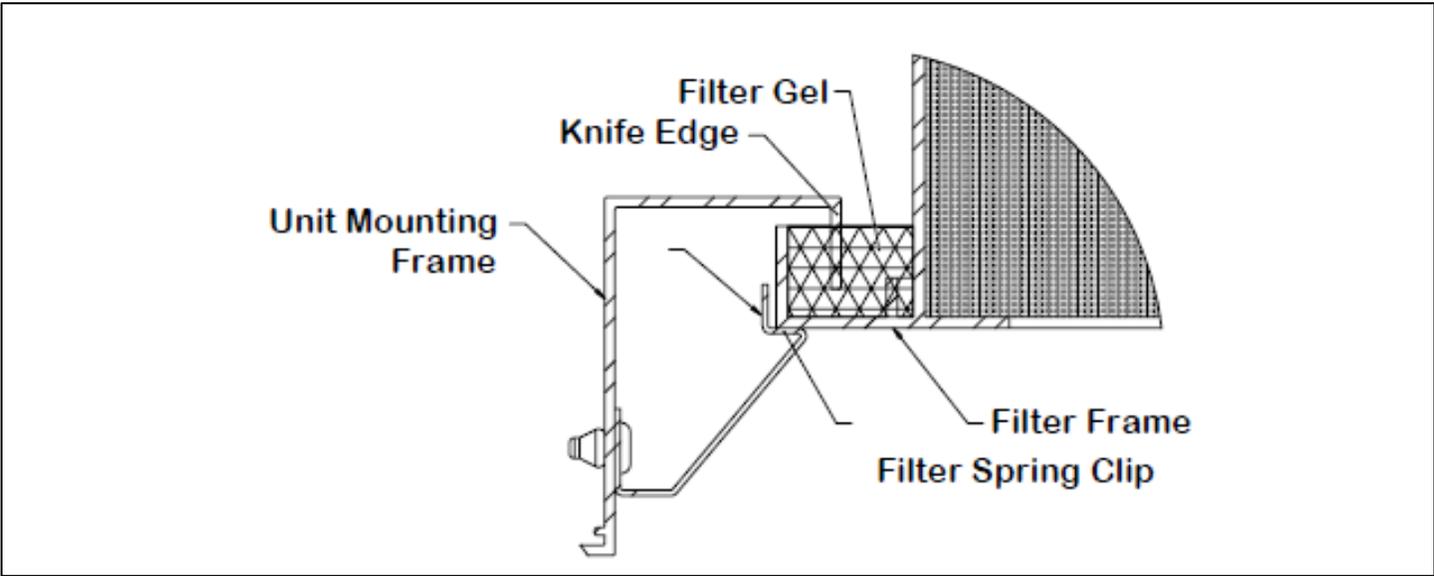
- #01 Aluminum
- #01A Aluminum Antimicrobial
- #04 Mill Finish
- #26 White
- #26A White Antimicrobial
- #84 Black

Accessories (Optional)

Check if provided.

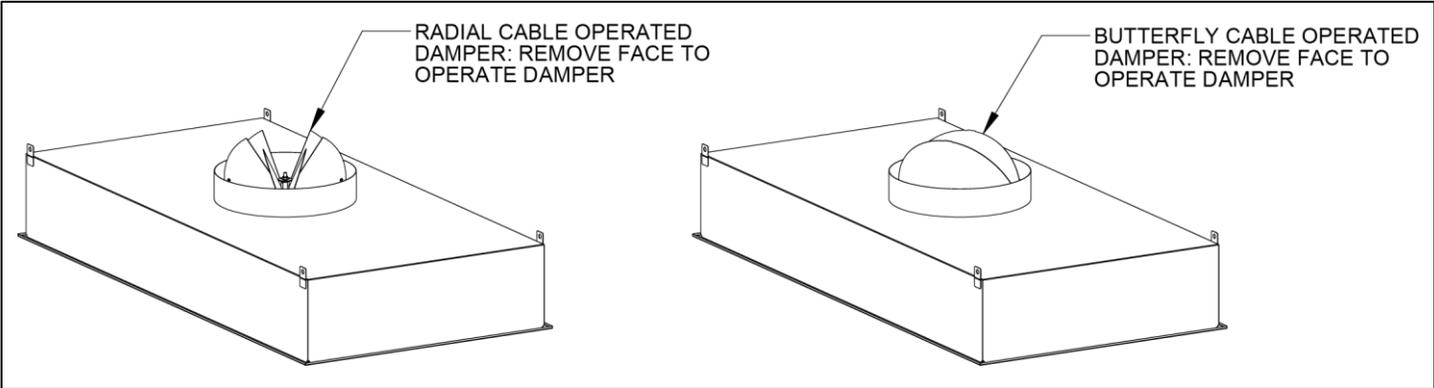
- Radial Damper – Cable Operated
- Butterfly Damper – Cable Operated
- Aerosol Injection Port & Distribution Manifold
- MRI Compatible Construction
- Removable Equalization Baffle
- Factory Certified Leak Tested - In accordance with IEST-RP-CC034.4
- Fully Welded Plenum & Inlet
- HEPALert LED Filter Indicator – 24V
- HEPALert LED Filter Indicator – Battery Operated
- 1/2" Foil Faced Insulated Plenum (External)

Knife Edge/Gel Seal Detail:

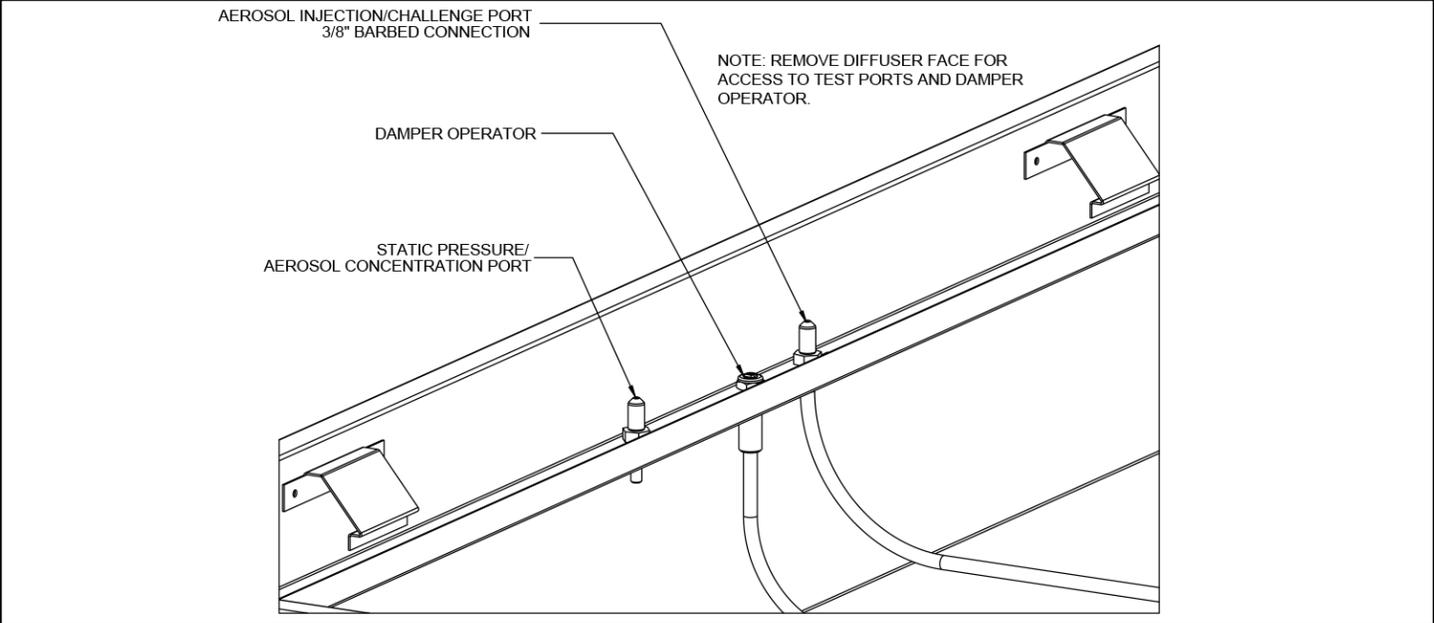


This submittal is meant to demonstrate general dimensions of this product. The drawings are not meant to detail every aspect of the product. Drawings are not to scale. Titus reserves the right to make changes without written notice.

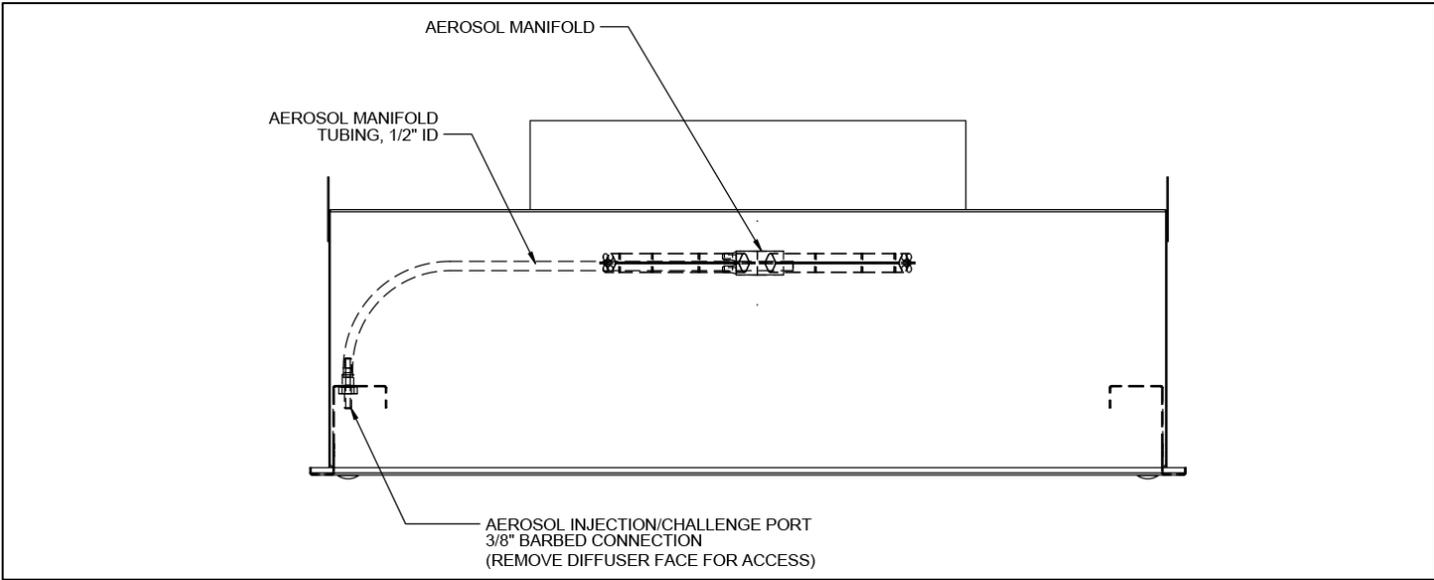
Cable Operated Damper Detail:



Port & Cable Operator Details:



Aerosol Manifold Details:



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