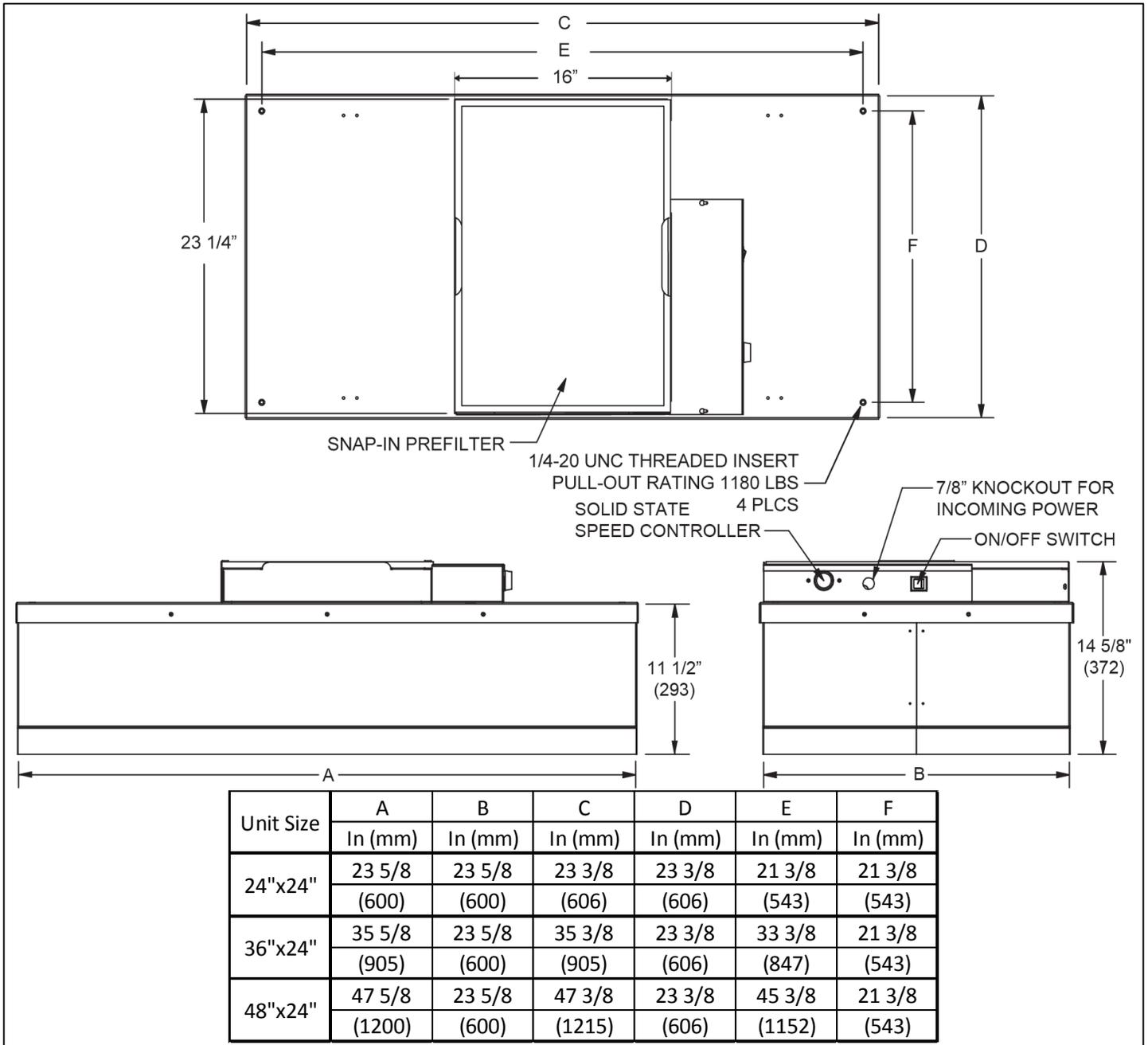


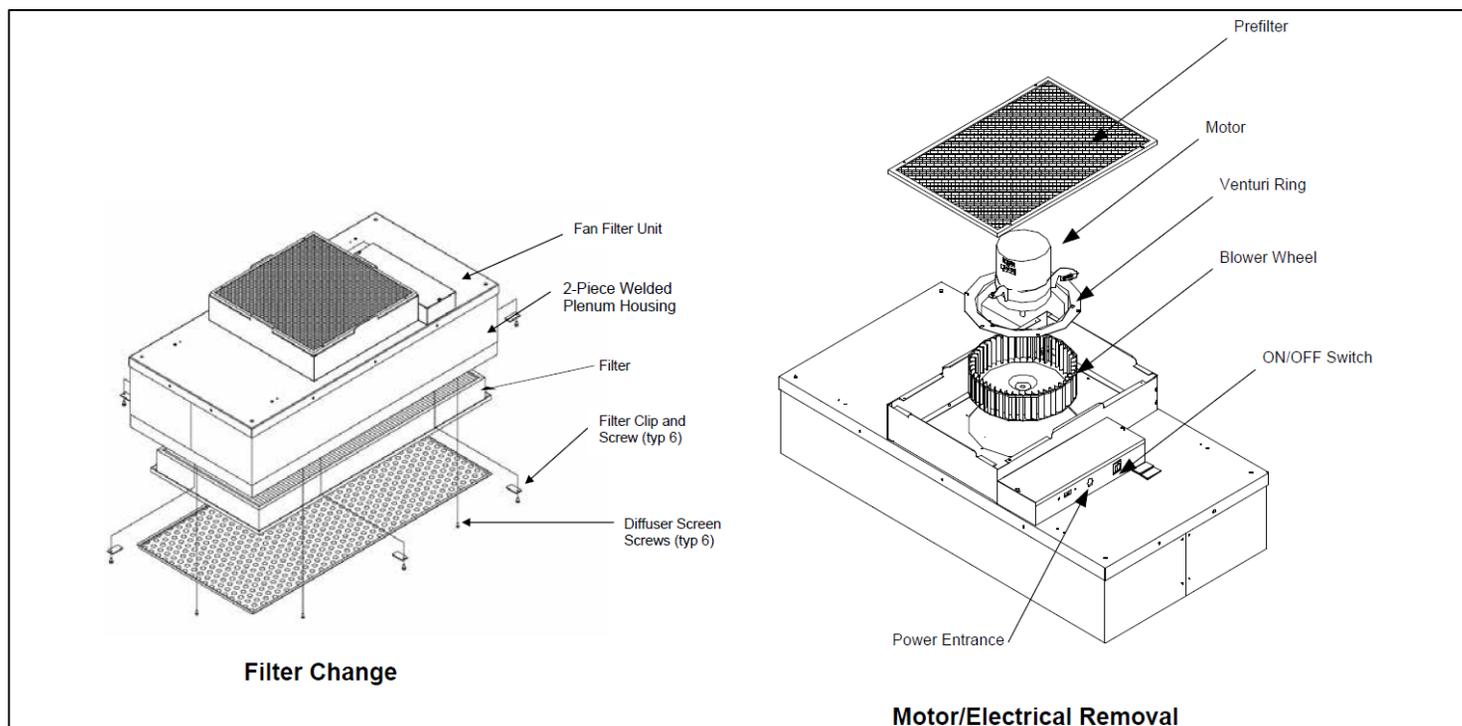
**FFDR • PSC Motor • Room Side Replaceable Filter • Challenge/Concentration Port**

**General Description**

- Titus Fan Filter Diffusers provide constant unidirectional airflow to occupied space
- FFDR offers high performance, low energy consumption & low noise levels for use in cleanroom applications
- Low profile design is great for applications with limited ceiling plenum space
- Walkable plenum (excluding pre-filter), rated at 250 lbs
- PSC motor with solid state speed control
- Forward curved centrifugal fan
- Snap-in prefilter allows for easy replacement and maintenance
- Tested to IEST recommended standards
- UL 507 Listed with standard UL 900 filters

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.

## HEPA Filter and Motor Replacement Detail



## Basic Unit Configuration

Check  if provided.

### Module Size

- 24" x 24"
- 36" x 24"
- 48" x 24"

### Duct Collar

- None
- 10" Inlet (Shipped Loose)
- 12" Inlet (Shipped Loose)

### Unit Construction

- Aluminum Face & Plenum
- Stainless Steel Face / Aluminum Plenum
- Stainless Steel Face & Plenum

### Finish

- #04 Mill Finish
- #26 White

### Motor Type

- 115V/ 60 Hz/ 1 Phase ; FLA = 3.0A
- 230V/ 50/60 Hz/ 1 Phase ; FLA = 1.5A (CE Certified)
- 208-240V/ 50/60 Hz/ 1 Phase ; FLA = 1.5A
- 277V/ 60 Hz/ 1 Phase ; FLA = 1.2A

### Control Type

- Unit Mounted SCR Control
- Remote Mounted SCR Control
- Unit Mounted Network Control Card

### Filter Type

- HEPA (99.99% @ 0.3 micron)
- ULPA (99.9995% @ 0.12 micron)

## Accessories (Optional)

Check  if provided.

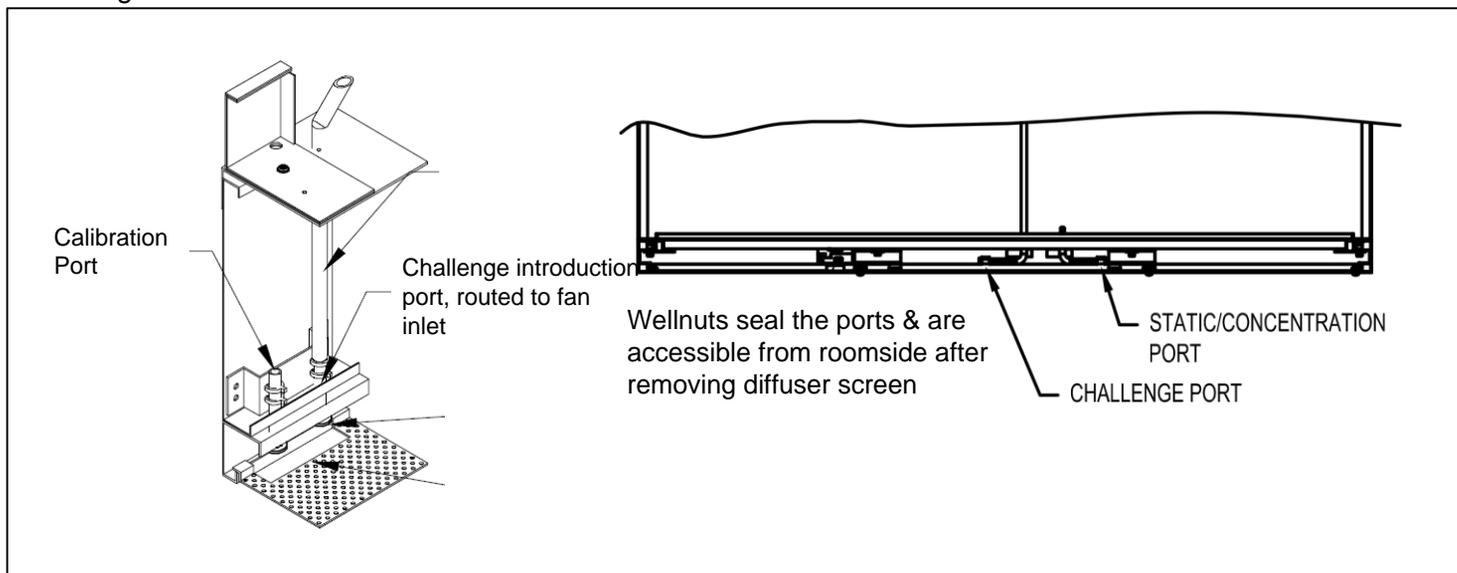
- Airflow Indicator Light (GREEN)
- Filter Load Indicator (RED)
- Continuous Filter Monitoring (0-10 V signal)
- Filter Ships Loose
- Surface Mount Adapter
- Insulation

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.

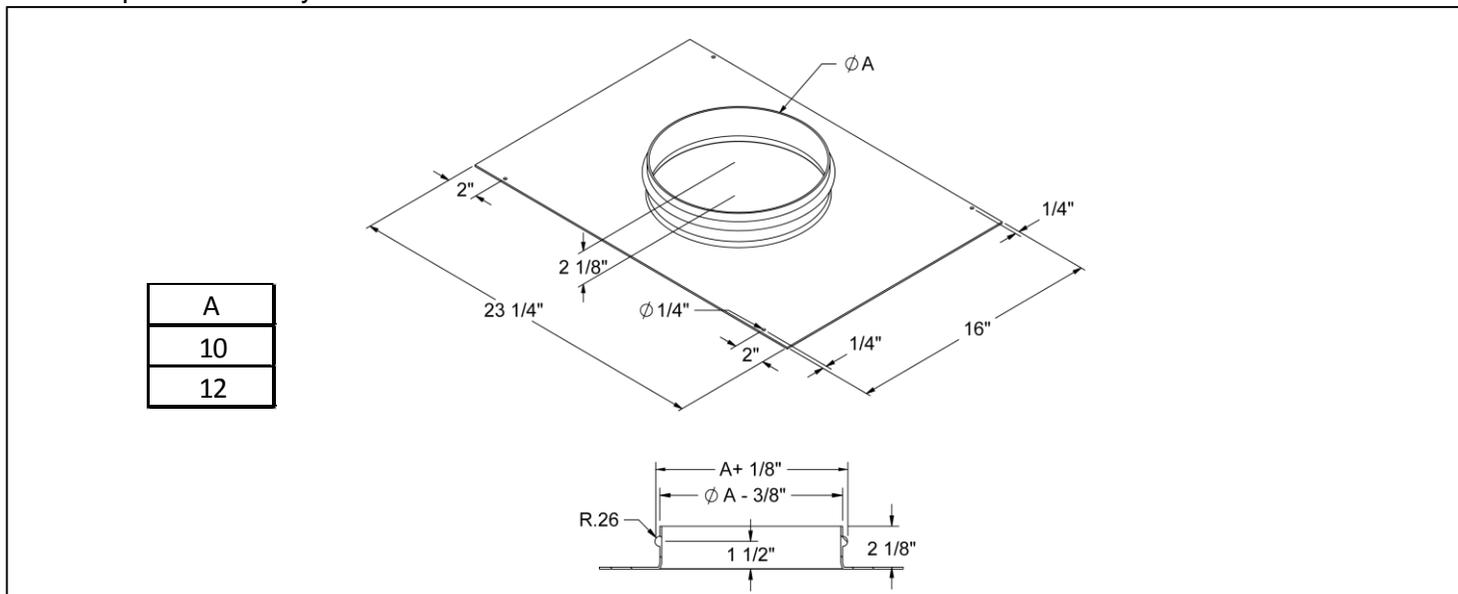
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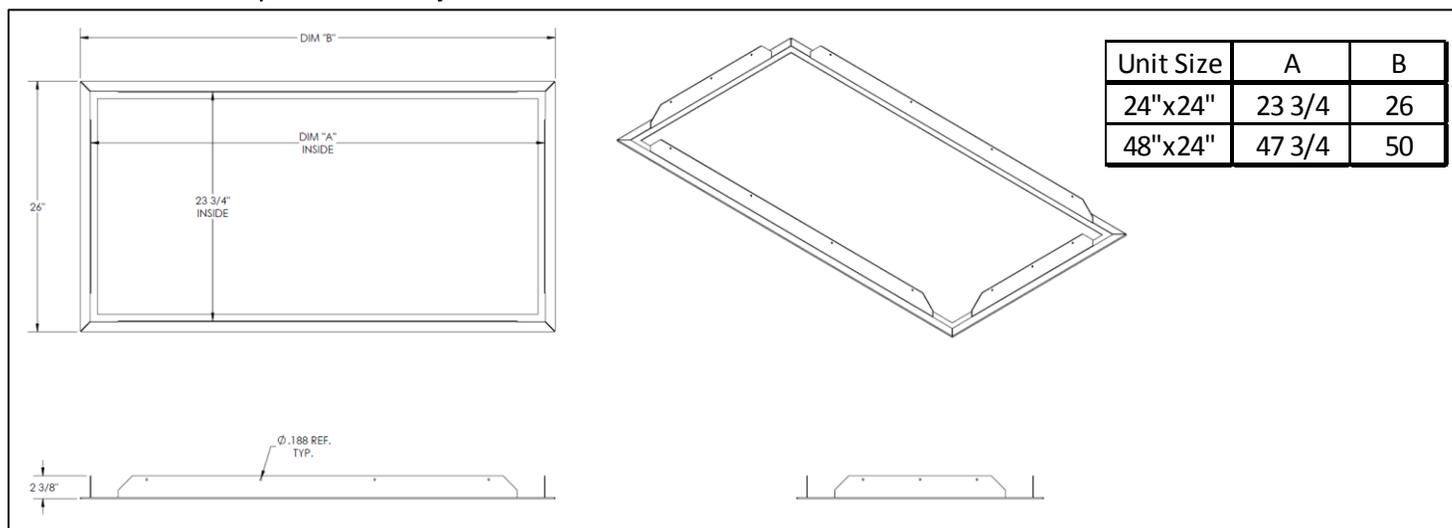
Challenge/Concentration Port Detail



Inlet Adapter Accessory Detail



Surface Mount Adapter Accessory Detail



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