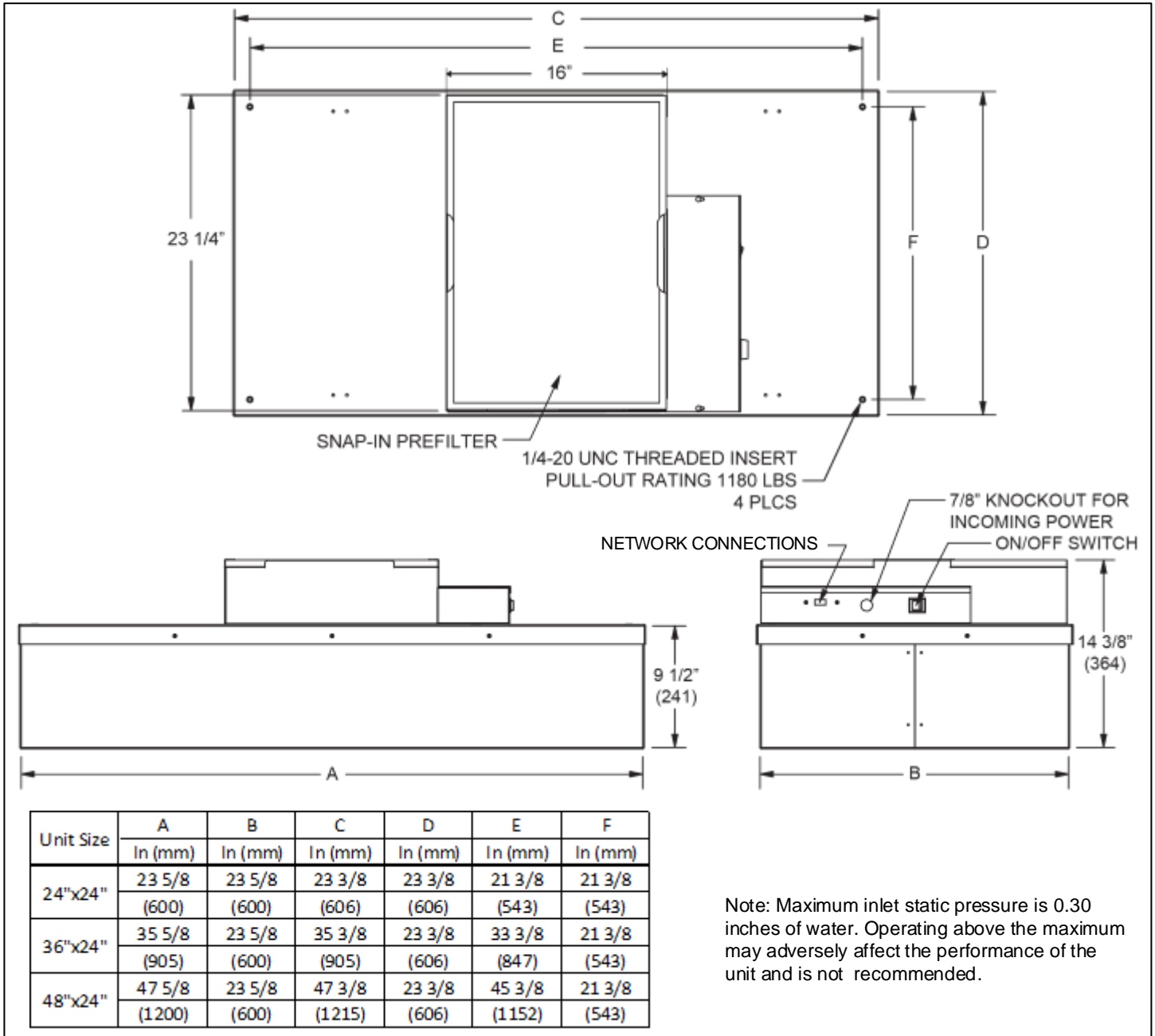
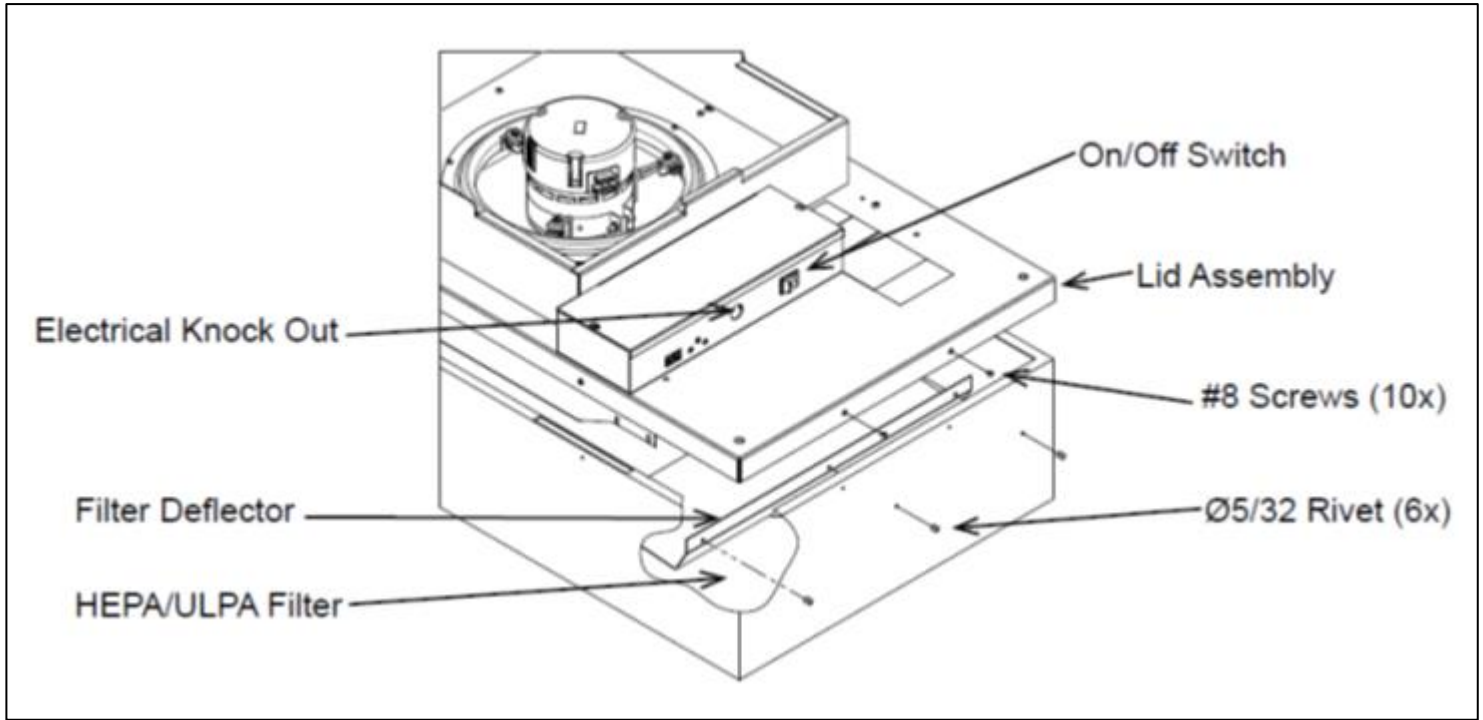


FFDE • Fan Filter Diffusers • ECM Motor • Forward Inclined Fan


General Description

- Titus Fan Filter Diffusers provide constant unidirectional airflow to occupied space
- FFDE offers high performance, low energy usage & 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
- EC motor with universal control card
- 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

HEPA filter, Pre-filter & Lid assembly



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 = 5.0A
- 230V/ 50/60 Hz/ 1 Phase ; FLA = 3.0A (CE Certified)
- 208-240V/ 50/60 Hz/ 1 Phase ; FLA = 3.0A
- 277V/ 60 Hz/ 1 Phase ; FLA = 2.5A

Control Type

- Universal Control Card
 - Constant CFM (Standard)
 - Low Air Flow / Constant Torque
 - Constant Speed
- Remote Mounted VCU Controller
- Infrared Speed Controller*
 - *Requires RCFF remote control to adjust unit airflow

Filter Type

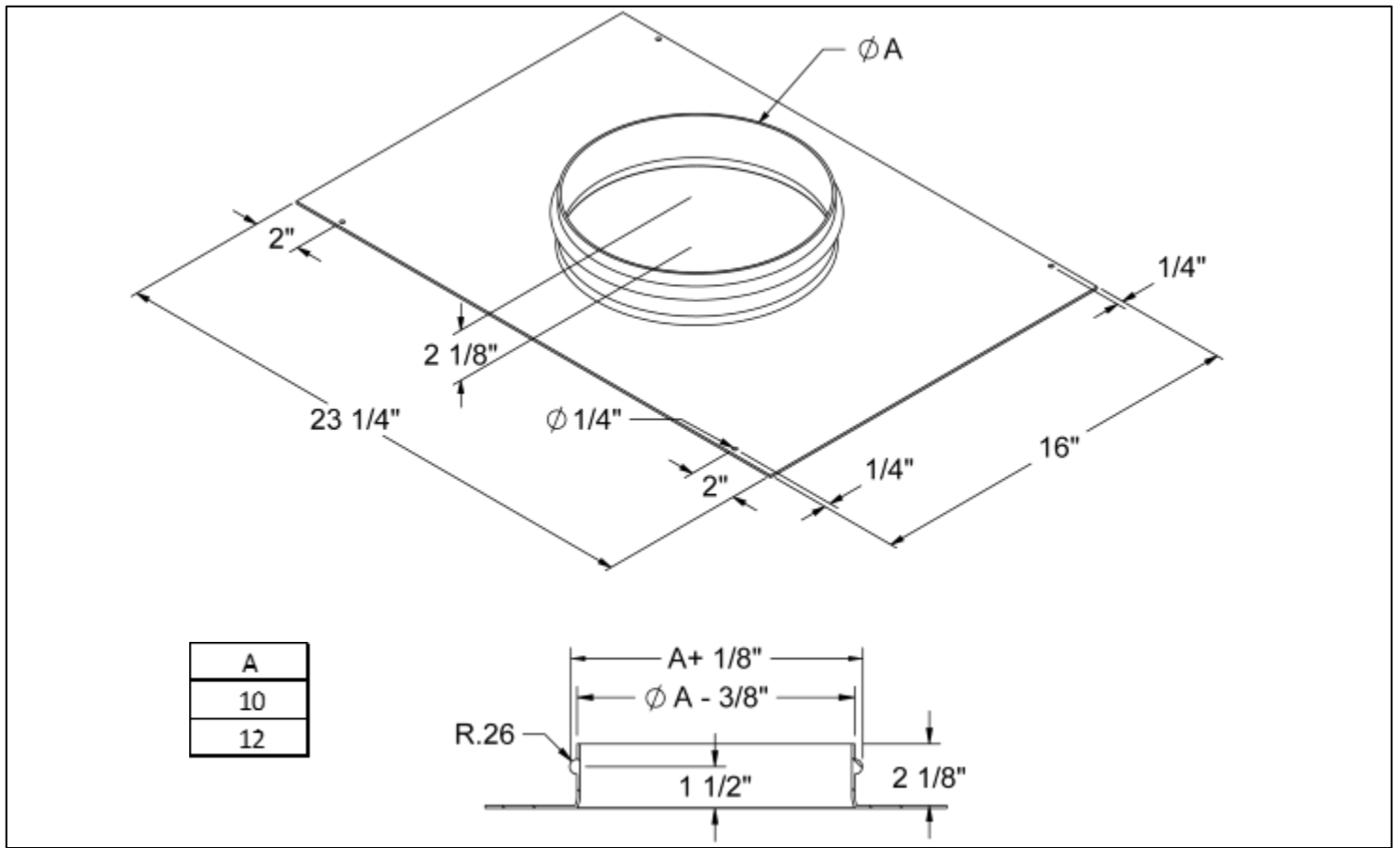
- HEPA (99.99% @ 0.3 micron)
- ULPA (99.9995% @ 0.12 micron)

Accessories (Optional)

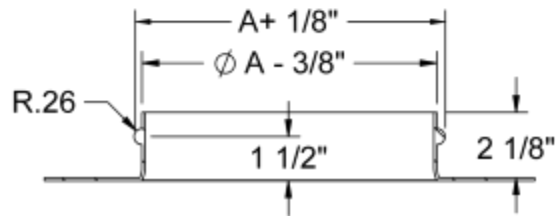
Check if provided.

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

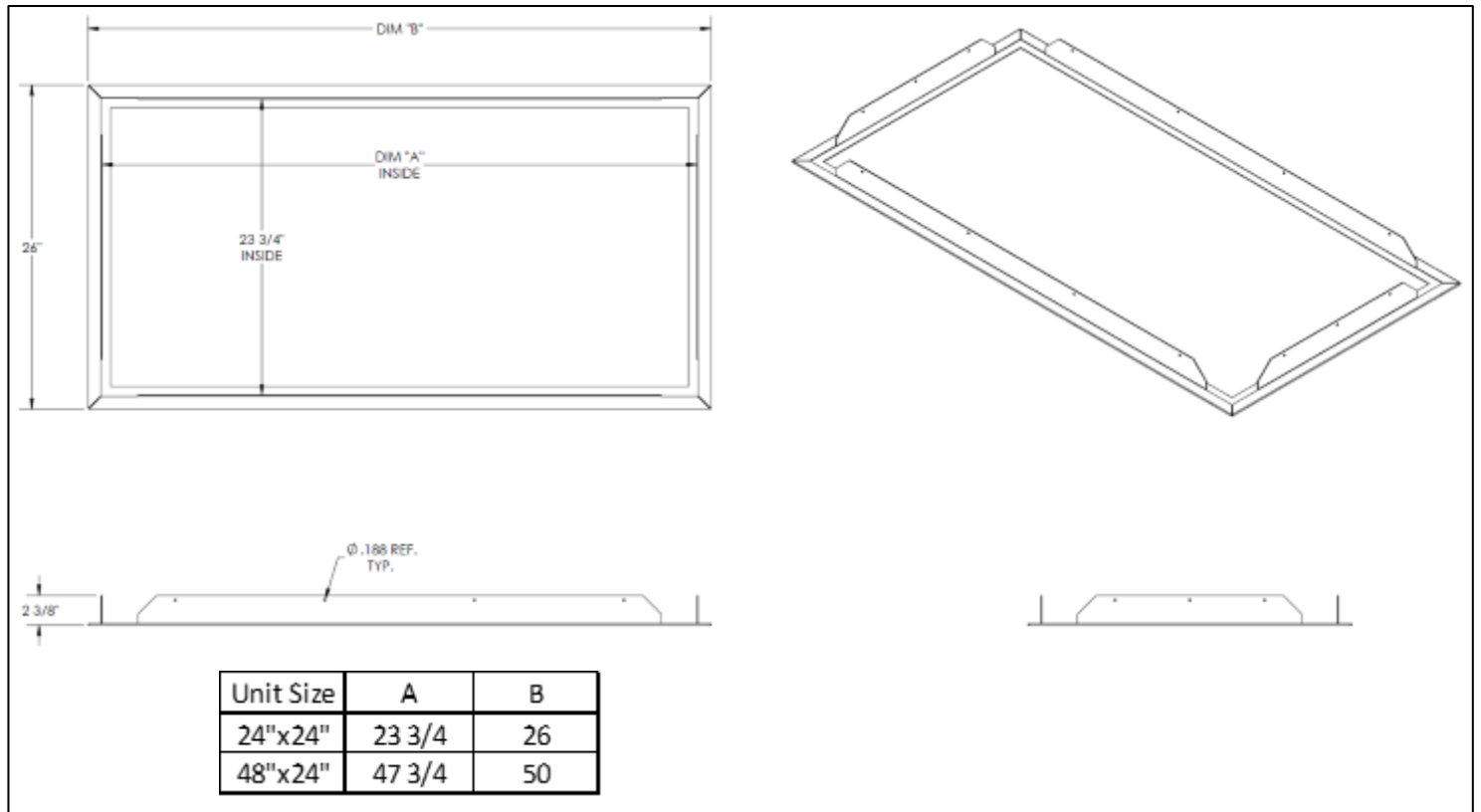
Inlet Adapter Accessory Detail



A
10
12



Surface Mount Adapter Accessory Detail



Unit Size	A	B
24"x24"	23 3/4	26
48"x24"	47 3/4	50