

# DAFCO FILTRATION GROUP®

## ULTRASTAR PHARMA-REPLACEABLE TERMINAL MODULE



### CLEANROOM FILTRATION

- Low pressure drop design reduces energy consumption
- Filter retaining system provides easy filter change
- Stainless steel screen (20 gauge with 40% open area) fits flush with housing
- Easy to remove and clean
- Fluid gel sealant ensures a leak free, uniform seal



### DESCRIPTION

**T**he Pharma-Replaceable Terminal Module (P-RTM) is designed for applications that require frequent filter testing and routine cleaning procedures as found in hospitals (surgical suites) the pharmaceutical and biotechnology cleanrooms. The P-RTM is easy to install, change filter and provides an optimum service life. A gel seal between the filter and hood eliminates any by-pass leakage. The P-RTM uses 2.0" (51mm) or 4.0" (100mm) mini-pleated media pack with efficiency of 99.99% at 0.3  $\mu\text{m}$  or 99.9995% at 0.12  $\mu\text{m}$  particle size. The low profile module is manufactured out of either aluminum or stainless steel. The P-RTM is designed to fit into T-bar ceiling and plaster ceilings. Standard features are collar, diffuser/damper, stainless steel grill and static pressure port. Each unit is subjected to a factory 5-inch positive pressure W.G. leak test. Due to varying end user requirements, custom engineered units are available.

### BENEFITS

- An adjustable butterfly damper (range of 30-110 FPM) creates a balanced and uniform airflow resulting in longer service life.
- Lower cost of ownership—only the filter is changed, not the entire unit.
- Rugged leak free construction available in aluminum or stainless steel. Each unit is subject to a factory 5-inch positive pressure W.G. leak test.
- Access to aerosol injection system, test port and damper control for easy service of filter.

### APPLICATIONS

The P-RTM is designed to optimize performance in filtration applications for pharmaceutical, biotechnological, medical microelectronics, semiconductors, food processing industries, as well as surgical center operating rooms and isolation areas.



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## ULTRASTAR PHARMA-REPLACEABLE TERMINAL MODULE

MODULE SIZE*	
ORDER CODE	DESCRIPTION
P-RTM1	23 5/8 X 23 5/8 (5/8 TRIM FLANGE)
P-RTM2	23 5/8 X 47 5/8 (5/8 TRIM FLANGE)
P-RTM3	25 3/8 X 25 3/8 (1 1/2 TRIM FLANGE)
P-RTM4	25 3/8 X 49 3/8 (1 1/2 TRIM FLANGE)

Please see price list for order information.

\* All dimensions are in inches. Modules are manufactured in 0.063 aluminum (also available in stainless steel), have a perforated 304 SS removable screen with 4 cap-nuts. Filter is not included.

### AVAILABLE OPTIONS

- Removable Stainless Steel Trim
- Insulation
- Aerosol Dispersion Nozzle
- Aerosol Dispersion Quick Disconnect
- Seismic Tabs
- Heavy Duty Butterfly Damper
- Guillotine Damper
- Extended Stainless Steel Grill

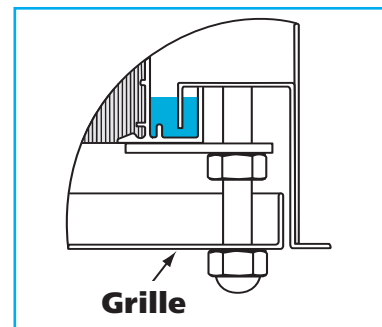
Please contact us for additional options.  
Specifications & drawings available upon request.

FILTERS	
ORDER CODE	DESCRIPTION
*41658	21.62 x 19.88 x 3.5 - 2" MEDIA PACK
*41163	21.62 x 43.88 x 3.5 - 2" MEDIA PACK
*41656	21.62 x 19.88 x 5.25 - 4" MEDIA PACK
*41657	21.62 x 43.88 x 5.25 - 4" MEDIA PACK
**41666	21.62 x 19.88 x 3.5 - 2" MEDIA PACK
**41667	21.62 x 43.88 x 3.5 - 2" MEDIA PACK
**41664	21.62 x 19.88 x 5.25 - 4" MEDIA PACK
**41665	21.62 x 43.88 x 5.25 - 4" MEDIA PACK

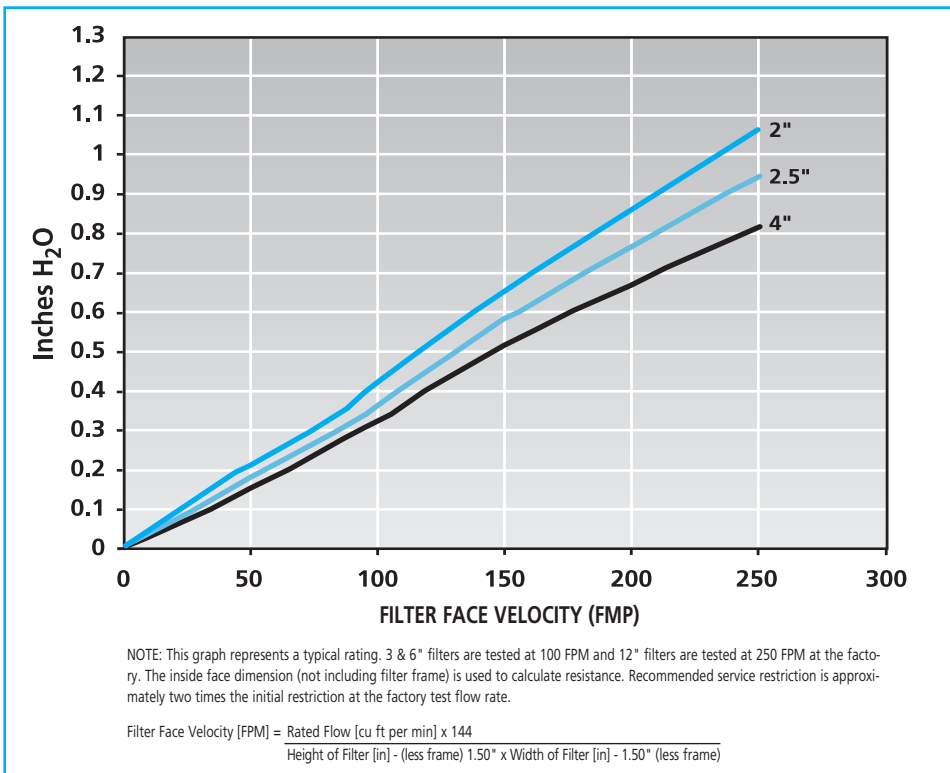
\* All filters are efficiency 99.99% at 0.3 µm with downstream gel. Downstream screen and divider not included.

\*\* All filters are efficiency 99.9995% at 0.12 µm with downstream gel. Downstream screen and divider not included.

### TRIM DETAIL



### PRESSURE DROP



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