

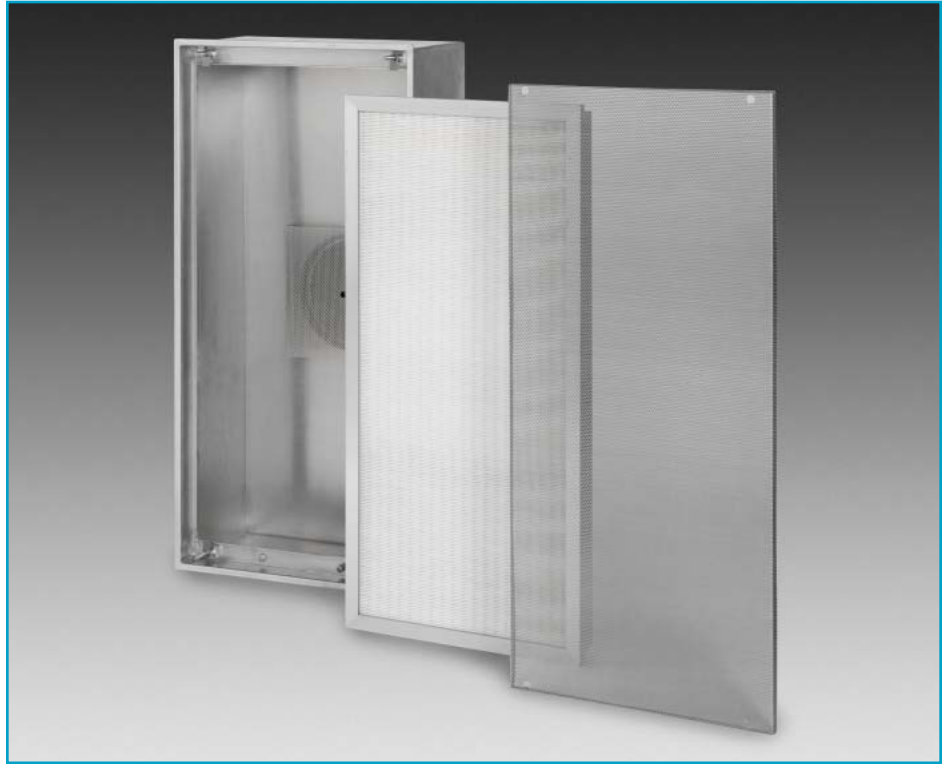
FILTRATION GROUP

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

The 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 μm or 99.9995% at 0.12 μm 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.



FILTRATION GROUP

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.

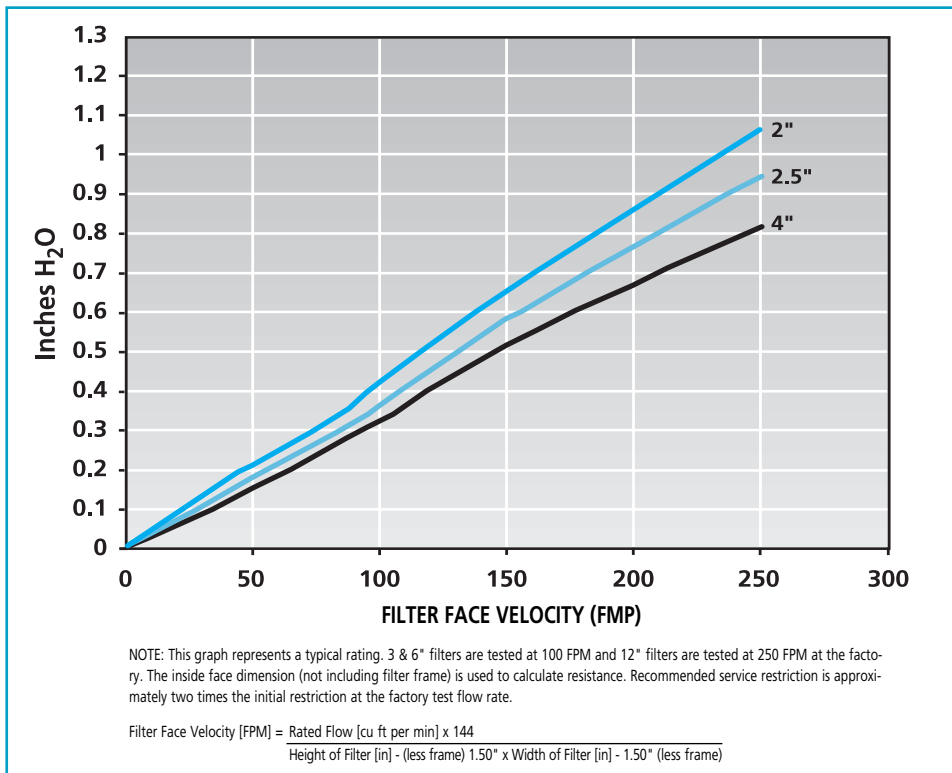
* All dimensions are in inches. Modules are manufactured in 0.063 aluminum (also available in stainless steel), have a perforated 304 SS removable screen with 4 cap-nuts. Filter is not included.

AVAILABLE OPTIONS

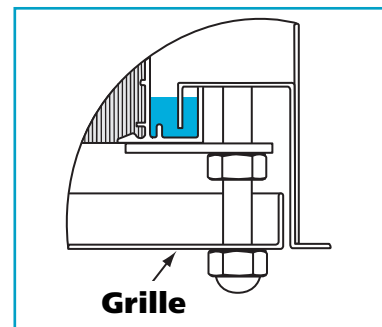
- Removable Stainless Steel Trim
- Insulation
- Aerosol Dispersion Nozzle
- Aerosol Dispersion Quick Disconnect
- Seismic Tabs
- Heavy Duty Butterfly Damper
- Guillotine Damper
- Extended Stainless Steel Grill

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

PRESSURE DROP



TRIM DETAIL



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.

© FGI 11/04



FILTRATION GROUP

FILTRATION GROUP
Phone: 877-FGI-TEAM (344-8326)
Fax: 800-518-1162
www.filtrationgroup.com
e-mail: aerostar@filtrationgroup.com

