

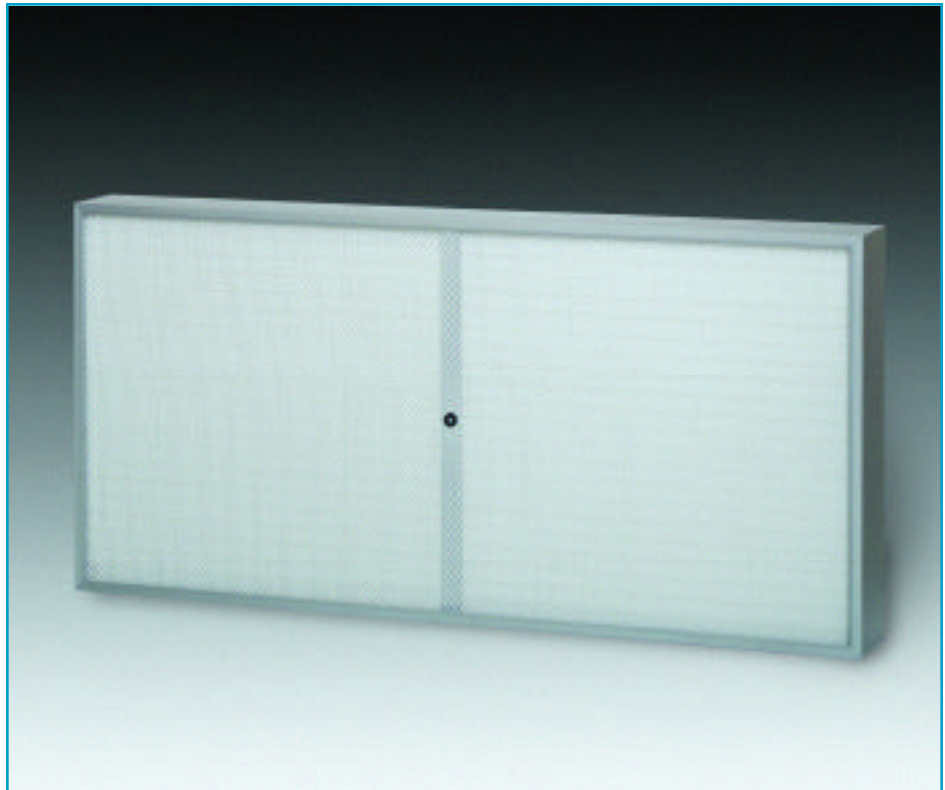
# FILTRATION GROUP

## ULTRASTAR DUCTED TERMINAL MODULES (HEPA)



### CLEANROOM FILTRATION

- 99.99% (HEPA) minimum removal on 0.3 $\mu$ m efficiency
- 2.0" and 2.5" mini-pleat media pack
- Anodized extruded aluminum frame with galvanized hood
- All filters are subject to an efficiency test and a probe scan in accordance with IES-RP-CC-001.3



### DESCRIPTION

The UltraStar Ducted Terminal Modules (HEPA) use mini-pleated wet laid glass media with efficiency of 99.99% (HEPA) on 0.3 $\mu$ m particle size. Designed for easy installation and longer service life. The media pack is available in a 2.0" (51mm) and a 2.5" (63mm) version with a frame depth of 5.63" or 5.88".

### BENEFITS

- An adjustable damper creates balanced and uniform airflow resulting in longer service life
- Built-in seismic holes and 2" high continuous bead collar reduce installation time and assures that connections are secure

- Low pressure drop design reduces energy consumption
- 70% open face screen keeps the high performance of the media intact

### APPLICATIONS

These ducted modules are designed to optimize performance in filtration applications for the food, automotive, aerospace, optical and biotechnology industries as well as for surgical rooms in hospitals.



# FILTRATION GROUP

## ULTRASTAR DUCTED TERMINAL MODULES (HEPA)

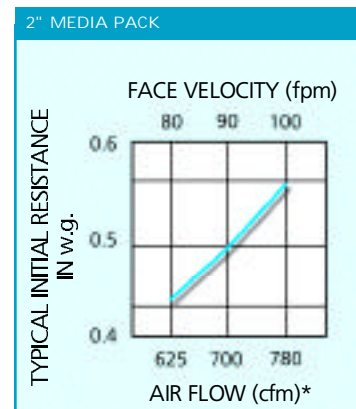
FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>Patented (US Patent 4,963,171) manufacturing technology allows potting material to completely encapsulate pleats on all four sides</li> </ul>	Guaranteed Seal
<ul style="list-style-type: none"> <li>Adjustable dampers providing balanced and uniform airflow over the complete filter</li> </ul>	Longer Lifetime of Filter
<ul style="list-style-type: none"> <li>70% open face screen keeps the high performance of the media intact</li> </ul>	Low Pressure Drop
<ul style="list-style-type: none"> <li>Built-in seismic holes and 2" high continuous bead collar reduces installation time and assures that connections are secure</li> </ul>	Easy Installation and Safety
<ul style="list-style-type: none"> <li>Frame corners secured with corner clips and urethane seal</li> </ul>	Leak Proof
<ul style="list-style-type: none"> <li>Maximized media content for lower pressure drop and extended service life</li> </ul>	Lower Energy Cost
<ul style="list-style-type: none"> <li>Aluminum frames reduce weight and need for structural support</li> </ul>	Easy Installation, Light Weight
<ul style="list-style-type: none"> <li>Protective screen is offset from pleat tips to eliminate wear due to vibration, installation and handling</li> </ul>	No Media Damage

ULTRASTAR DUCTED TERMINAL MODULE—2.0" MEDIA PACK				
PART NUMBER	EFFICIENCY % (min)	SIZE (in.) (W x L x D)	COLLAR	~SHIPPING WEIGHT (lbs.)
40628	99.99	23.62 x 23.62 x 7.3	10	17
40632	99.99	23.62 x 23.62 x 7.3	12	17
40701	99.99	23.62 x 35.62 x 7.3	10	23
40702	99.99	23.62 x 35.62 x 7.3	12	23
40630	99.99	23.62 x 47.62 x 7.3	10	29
40634	99.99	23.62 x 47.62 x 7.3	12	29

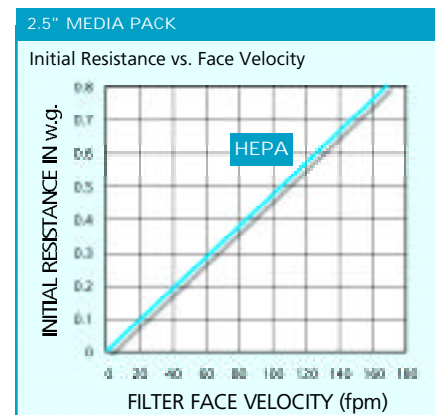
ULTRASTAR DUCTED TERMINAL MODULE—2.5" MEDIA PACK				
PART NUMBER	EFFICIENCY % (min)	SIZE (in.) (W x L x D)	COLLAR	~SHIPPING WEIGHT (lbs.)
40645	99.99	23.62 x 23.62 x 7.88	10	24
40649	99.99	23.62 x 23.62 x 7.88	12	24
40646	99.99	23.62 x 47.62 x 7.88	10	42
40650	99.99	23.62 x 47.62 x 7.88	12	42

### AVAILABLE OPTIONS

- Downstream gasket
- Additional test ports
- Stainless steel or anodized aluminum downstream screen
- Insulation
- Sheet rock adapter



\*For typical 24" x 48" filter



Note: This graph represents a typical rating. The inside face dimension (not including filter frame) is used to calculate resistance. Filters are tested at 100 fpm at the factory. Recommended service resistance is approximately two times the initial resistance at the factory test flow rate.

$$\text{Filter Face Velocity (fpm)} = \frac{\text{Rated Flow (cu ft per min)} \times 144}{(\text{Height of Filter (in)} - 1.24) \times (\text{Width of Filter (in)} - 1.24)}$$

DISTRIBUTED BY

© FGI 06/03



# FILTRATION GROUP

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

