

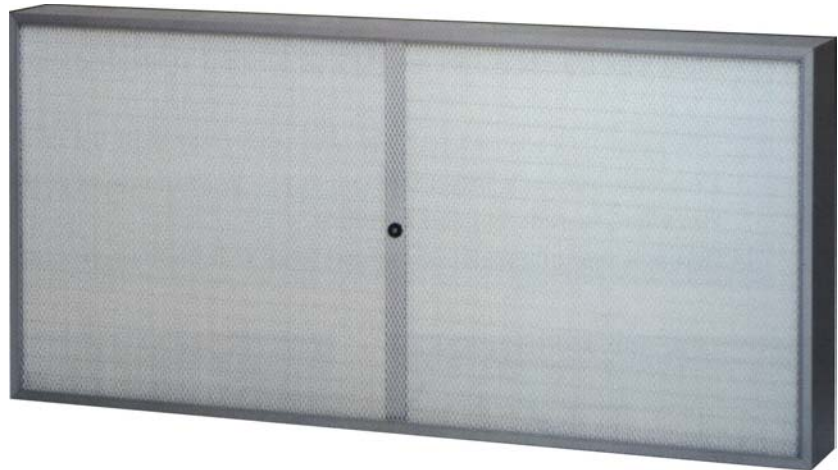
FILTRATION GROUP

ULTRASTAR DUCTED TERMINAL MODULES (ULPA)



CLEANROOM FILTRATION

- 99.9995% (ULPA) minimum removal on 0.1 to 0.2 μ m efficiency
- 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
- Designed and built in an ISO 9001 registered facility



DESCRIPTION

The UltraStar Ducted Terminal Modules (ULPA) use mini-pleated wet laid glass media with efficiency of 99.9995% (ULPA) on 0.1 to 0.2 μ m particle size. Designed for easy installation and longer service life. The media pack is a 2.5" (63mm) depth with an overall unit height of 7.88".

BENEFITS

- An adjustable damper creates balanced and uniform airflow resulting in longer service life
- Low pressure drop design reduces energy consumption

APPLICATIONS

These ducted modules are designed to optimize performance in filtration applications for the pharmaceutical, medical, semiconductor, microelectronic, biotechnology and photographic industries as well as for surgical rooms in hospitals.

Distributed by:



FLORENCE FILTER CORPORATION

"30 Years of Filter Excellence"

www.florencefilter.com

530 W. Manville • Compton • California 90220
(310) 637-1137 • FAX (310) 631-4323 • (800) 776-2021

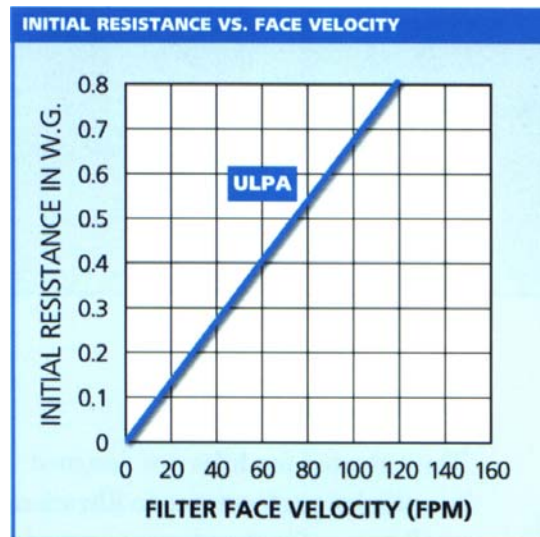
FEATURES

- Patented (US Patent 4,963,171) manufacturing technology allows potting material to completely encapsulate pleats on all four sides
- Adjustable dampers providing balanced and uniform airflow over the complete filter
- Frame corners secured with corner clips and urethane seal
- No aluminum separator and maximized media content for lower pressure drop
- Aluminum frames reduce weight and need for structural support
- 70% open face screen keeps the high performance of the media intact
- Protective screen is offset from pleat tips to eliminate wear due to vibration, installation and handling
- Design is manufactured and tested in an ISO 9001 environment

BENEFITS

- Guaranteed Seal
- Longer lifetime of Filter
- Leak Proof
- Lower Energy Cost
- Easy Installation, Light Weight
- Low Pressure Drop
- No Media Damage
- Quality

ULTRASTAR DUCTED TERMINAL MODULE-2.5" MEDIA PACK				
PART NUMBER	EFFICIENCY % (MIN)	SIZE (INCHES) (WxLxD)	COLLAR	-SHIPPING WEIGHT (lbs)
40647	99.9995	23.62 x 23.62 x 7.88	10	24
40651	99.9995	23.62 x 23.62 x 7.88	12	24
40703	99.9995	23.62 x 35.62 x 7.88	10	31
40704	99.9995	23.62 x 35.62 x 7.88	12	31
40648	99.9995	23.62 x 47.62 x 7.88	10	42
40652	99.9995	23.62 x 47.62 x 7.88	12	42



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.

$$\text{Filter Face Velocity (FPM)} = \frac{\text{Rated Flow [cu ft per min]} \times 144}{\text{Height of Filter [in]} - 1.5" \times \text{Width of Filter [in]} - 1.5"}$$

Distributed by:



FLORENCE FILTER CORPORATION

"30 Years of Filter Excellence"

www.florencefilter.com

530 W. Manville • Compton • California 90220
 (310) 637-1137 • FAX (310) 631-4323 • (800) 776-2021