

FILTRATION GROUP

TITAN FP FILTER



- State of the art rigid filtration
- Lightweight design
- High efficiency per ASHRAE 52.2
- Designed for use in VAV and constant velocity systems
- Aerodynamic design
- Integral handle for ease of transportation
- Suitable for high humidity
- UL 900 Class 2 (UL 900 Class 1 optional)



DESCRIPTION

The Titan FP is constructed with the highest quality components available. The high impact plastic frame, steel struts and microglass media work together to form an extremely rigid filter suitable for normal to hostile environments. The Titan FP is designed to be used in variable air volume (VAV) systems and recommended for use in constant velocity systems as well.

BENEFITS

The Titan FP's proven V-bank design provides maximum airflow conditions, while providing nearly complete media utilization. Dead spots due to aluminum separators and other restrictions are virtually eliminated. The aerodynamic

construction minimizes, and in some cases eliminates, the need for prefiltration. The Titan FP is extremely light, reducing stress on the installer and promoting a safer work environment. The built-in-handle eases transporting the filters to the installation site.

APPLICATIONS

The Titan FP is designed to handle nearly all types of conditions: 100% relative humidity, turbulent air flow, intermittent exposure to water, repeated fan shutdowns, desert and marine installations.

The Titan FP is engineered for hospitals, turbine, industrial, commercial and original equipment applications.

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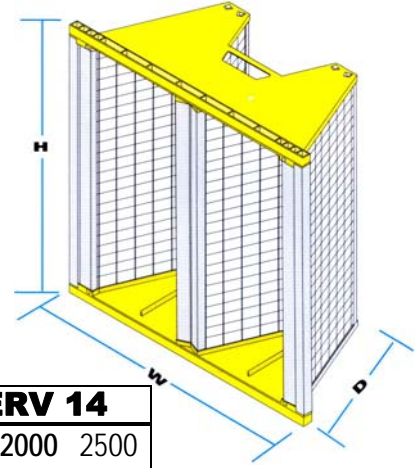
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DIMENSIONS AND PERFORMANCE DATA

SIZE	ACTUAL FILTER DIMENSIONS (H x W x D)	APPROX. WEIGHT POUNDS	MEDIA AREA (sq. ft.)
24 x 24 x 12	23 3/8 x 23 3/8 x 10 3/4	9	96
12 x 24 x 12	11 3/8 x 23 3/8 x 10 3/4	5.5	45

TECHNICAL DATA

TITAN FP 24 x 24 x 12	MERV 11			MERV 13			MERV 14		
Air Flow (cfm)	1500	2000	2500	1500	2000	2500	1500	2000	2500
Initial Pressure Drop ("w.g.)	0.17	0.27	0.40	0.35	0.49	0.64	0.37	0.52	0.67
Comparable Atmospheric Efficiency (ASHRAE 52.1) @ 2000 cfm	60-65%			80-90%			90-95%		

*Reference ASHRAE 52.2 - 1999 Table E1

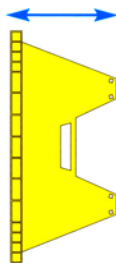
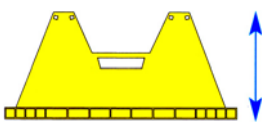
APPLICATION PARAMETERS

Maximum Constant Temperature: 150°F
 Flammability: UL 900 Class 2
 Media: Wet Laid Microglass
 Relative Humidity: 100%
 Recommended Final Pressure Drop: 1.5" w.g.

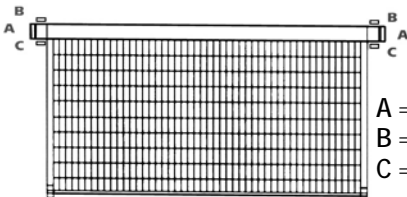
AIR FLOW VERSATILITY

HORIZONTAL
AIR FLOW DIRECTION

VERTICAL
AIR FLOW DIRECTION

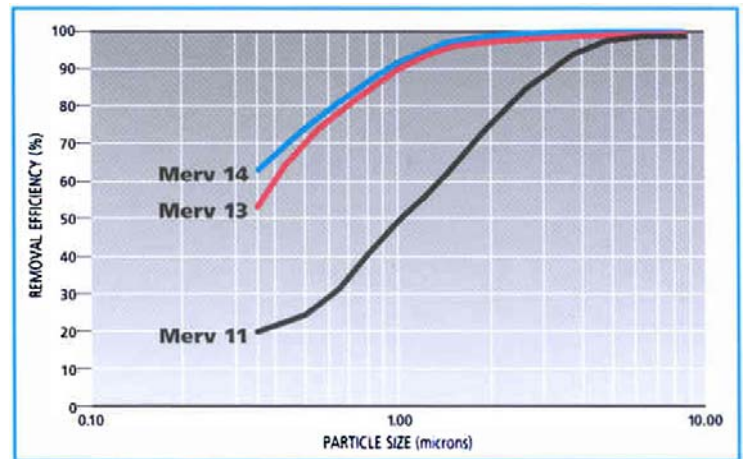


GASKETING OPTIONS

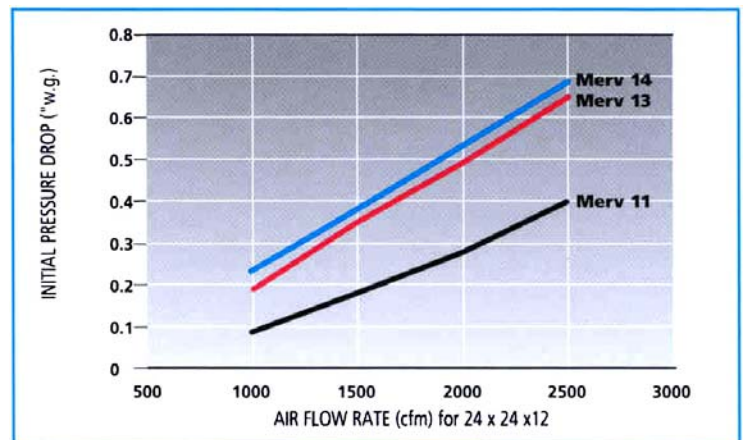


A = SIDE GASKET
 B = UPSTREAM GASKET
 C = DOWNSTREAM GASKET

INITIAL EFFICIENCY (ASHRAE Standard 52.2)



NOMINAL AIR FLOW



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