

Aero HEPA HV - Mini Pleat V Bank HEPA Filters

Aero HEPA HV are mini pleated box style filters with V orientation. It is made from micro - fine fiberglass paper media and comes with metal frames. Filters are available in H12, H13 and H14 efficiencies. Standard models comes in 292mm frame depth.

Aerofil Models

Aero HEPA HV

Mini Pleated box style filters
Available in H12, H13 and H14 grades
Metal frame with handles on sides



MEDIA FEATURES AND TECHNICAL DETAILS

Filter Media

Aero HEPA HV filters are manufactured from continuous length superior quality micro glass fiber paper media available in various efficiencies. The filter media is moisture resistant and fire retardant. The uniform and closed pleat filter pack grants a high crossing surface to hold the very fine dusts.

Filter Frames

The standard frame construction includes fire retardant Wood Particle Board, Galvanized steel (16,18 or 24gauge) and anodized aluminium.

Sealant & Gaskets

The pleated media pack is encapsulated into the filter frame utilizing a two part high density fire retardant urethane elastomer. A flat profile neoprene gasket or a one-piece seamless urethane gasket is used to ensure a leak free seal to the filter housing. High temperature versions are manufactured with ceramic sealant and temperature resistant gasket.

Media Separators

The Mini-Pleat absolute filters Aero HEPA HV consist of closely pleated media, positively spaced using thermosetting beads. This type of pleat separation allows optimum media utilization and offers very low pressure drops.

Filter Testing

The finished filters undergo a thorough quality checking. They are scan tested individually to ensure a leak proof performance and each filter possesses the label showing the scan test result on it. We have the testing facilities as per EN1822 and American Standard IEST-RP-CC001.3. Testing of filters can be done according to the customer's request.

Selection Chart ▼

Filter Sizes (Inches)	Filter Size (mm)	Frame	Rated Airflow Capacity CFM @ 1" WG	
			99.99% / H13	99.999% / H14
12 x 12 x 12	Size: 305 x 305 x 292	Galvanized Steel / MDF / Aluminium	500	390
12 x 24 x 12	Size: 305 x 610 x 292	Galvanized Steel / MDF / Aluminium	1100	810
24 x 24 x 12	Size: 610 x 610 x 292	Galvanized Steel / MDF / Aluminium	2400	1840
24 x 30 x 12	Size: 610 x 762 x 292	Galvanized Steel / MDF / Aluminium	3000	2300

● Final Pressure Drop - 625 Pa ● Maximum Operating Temperature / Humidity - 90 ° C / 90% ● Maximum Pressure Drop - 1000 Pa

All data are average indicative values with usual manufacturing and testing tolerances. We reserve the right to modify performance data without prior notices due to the constant technical improvement.

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