

Aero HEPA HVP - Mini Pleat Plastic V Bank HEPA Filters

Aero HEPA HVP are mini pleated box style high velocity HEPA filters. These filters operate at very high velocity of 3.3 m/s and are considered the best replacements for conventional HEPA filters. These also feature plastic frame construction and are a metal-free filter which is incinerable. HVP are available in 6V, 4V and 2V configuration ranging from ISO 15E to ISO 50H grades.

Filterfit models

Aero HEPA HVP

Very high approach velocity
Available in E11, H13 and H14
Plastic Frames
Light weight and incinerable
6V, 4V and 2V



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 is by food grade ABS and strong enough to withstand clamping force.

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.

Media Separators

The Mini-Pleat absolute filters Aero HEPA HVP 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 possess a label showing the scan test result on it. We have testing facilities as per ISO 29463, DIN EN1822 and American Standard IEST-RPCC001.3. Testing of filters can be done according to the customer's request.

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SELECTIONS CHART

Part Number	Efficiency	Size (mm)	No. of Bays	Airflow L/S @ 125Pa	Construction
6-0006	E11	595 x 595 x 292	4	750	Food Grade ABS Plastic
6-0007	E11	595 x 289 x 292	2	375	Food Grade ABS Plastic
6-0008	E11	595 x 595 x 292	6	1055	Food Grade ABS Plastic
6-0009	E11	595 x 289 x 292	3	528	Food Grade ABS Plastic
				Airflow L/S @ 250Pa	
6-0010	H13	610 x 610 x 292	6	1111	Food Grade ABS Plastic
6-0011	H13	610 x 305 x 292	3	556	Food Grade ABS Plastic
6-0012	H14	610 x 610 x 292	6	889	Food Grade ABS Plastic
6-0013	H14	610 x 305 x 292	3	445	Food Grade ABS Plastic

 Final Pressure Drop - 625 Pa
  Maximum Operating Temperature / Humidity - 90 ° C / 90%
  Please contact factory for other sizes