

6V BOX style HV and SHV HEPA- V Bank Filters

HEPA **HV** and **SHV** are mini pleated box style high velocity HEPA filters. These filters operate at very high air Volume and are considered the best replacements for conventional HEPA filters. These feature Metal frame construction with stamped entry and exit for greater strength and a perfect alignment every time. Available in Galvanized or Extruded Aluminum construction. Efficiency grades ranging from ISO 15E to ISO 50H grades.



HEPA HV rated 2000 CFM @ 1.0”w.g.
HEPA SHV rated 2400 CFM @ 1.0”w.g.
Very high approach velocity
Available in ISO 15E/E10, 25E/E11, 40H/H13, 50H/H14

MEDIA FEATURES AND TECHNICAL DETAILS

Filter Media

HEPA HV and SHV 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 closely pleated filter pack provides an exceptionally high surface to hold the very fine dusts.

Filter Frames The one piece stamped entry and exit standard frame construction provides strength to withstand clamping force. Gel seal style Extruded alum frame is also available.

Sealant & Gaskets The pleated media pack is encapsulated into the filter frame utilizing a 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 **HEPA SHV** and **HV** consist of closely pleated media, computer controlled spacing using thermosetting beads. This type of pleat separation allows optimum media utilization and offers very low pressure drops.

Filter Testing The finished filters undergoes a thorough quality check. Scan tested individually to ensure a leak proof performance and each filter is labeled showing the scan test result on it. We have the 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.

Filter size (actual size)	SHV Design : Air Flow CFM Flow Rate CFM / Pressure drop In. W.G.			
	ISO15E/E10 95% DOP	ISO25E/E11 98% DOP	ISO40/H13 99.99%	ISO50H/H14 99.999
	CFM @ 0.5” W.G.		CFM @ 1” W.G.	
24 x 24 x 11.5	2400	2240	2400	1880
12 x 24 x 11.5	1200	1100	1200	950
23.3 x 23.3 x 11.5	2200	2120	2200	1750
11.3 x 23.3 x 11.5	1100	1060	1100	875
	HV Design : Air Flow CFM Flow Rate CFM / Pressure drop In. W.G.			
	ISO15E/E10 95% DOP	ISO25E/E11 98% DOP	ISO40/H13 99.99%	ISO50H/H14 99.999
	CFM @ 0.5” W.G.		CFM @ 1” W.G.	
24 x 24 x 11.5	1700	1600	2000	1550
12 x 24 x 11.5	850	800	1000	680
23.3 x 23.3 x 11.5	1500	1400	1500	1200
11.3 x 23.3 x 11.5	750	700	750	600