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## 6V BOX style HEPA- Mini Pleat Metal V Bank Filters

HEPA HVM 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. This features Metal frame construction with stamped face and exit for precision look and no rough edges. A foamed in place continuous gasket is placed downstream. HVM are available in 6V configuration ranging from ISO 15E to ISO 50H grades.

### HEPA HV

#### Very high approach velocity

Available in ISO 15E/E10, 25E/E11, 40H/H13, 50H/H14

#### METAL Frames 6V



#### MEDIA FEATURES AND TECHNICAL DETAILS

##### Filter Media

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 provides an exceptionally high surface to hold the very fine dusts.

**Filter Frames** The standard frame construction is Galvanized and strong enough to withstand clamping force.

**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 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. 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.

Part No.	Filter size (actual size)	6V 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 @ 0.6" W.G.		CFM @ 1.2" W.G.	
HEPA-VME4412-E10 HEPA-VME4412-E11 HEPA-VME4412-49 HEPA-VME4412-59	24 x 24 x 11.5	2400	2240	2400	1880
HEPA-VME2412-E10 HEPA-VME2412-E11 HEPA-VME2412-49 HEPA-VME2412-59	12 x 24 x 11.5	1200	1100	1200	950
HEPA-VMU4412-E10 HEPA-VMU4412-E11 HEPA-VMU4412-49 HEPA-VMU4412-59	23.3 x 23.3 x 11.5	2200	2120	2300	1750
HEPA-VMU2412-E10 HEPA-VMU2412-E11 HEPA-VMU2412-49 HEPA-VMU2412-59	11.3 x 23.3 x 11.5	1100	1060	1150	875