

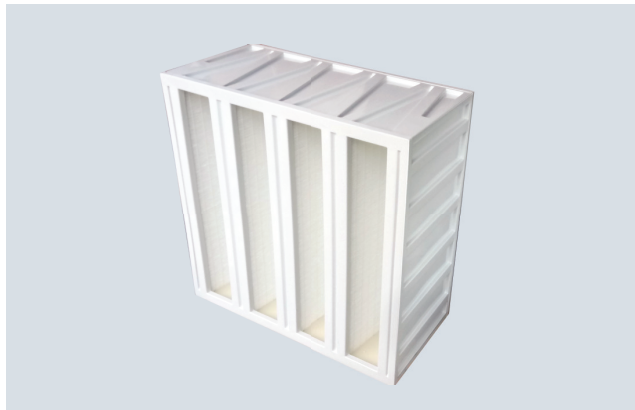
## Aero FINE HVP - Mini Pleat Plastic V Bank Fine Filters

Aero Fine HVP are mini pleated box style high velocity fine filters. These filters operate at very high velocity of 3.75 m/s and are considered the best replacements for conventional box style fine filters. This also features plastic frame construction and so is a “metal free” filter that is fully incinerable. HVP are available in 4V and 2V configuration ranging from ISO ePM 10 60%/M6 to ISO ePM1 85%/F9.

### Aerofil Models

#### Aero Fine HVP

Very high approach velocity @ 3.75 m/s  
 Available in ISO ePM 10 65%/M6 to ISO ePM 1 85%/F9 grades  
 Plastic Frames  
 Light weight and incinerable  
 4V and 2V designs



Introduction of Fine HVP is to replace the conventional box style Medium Filters ranging from M5 to F9 grades. Fine HVP operates at very high approach velocity of 3.75 m/s if required delivering a very low pressure drop. The V shaped arrangement allows more air flow per filter wherein a standard filter replacement can save energy up to 30%. Filters are light weight and its fully plastic body makes it incinerable as well.

### MEDIA FEATURES AND TECHNICAL DETAILS

Aero Fine HVP 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. The Mini-Pleat absolute filters Aero Fine HVP consist of closely pleated media, positively spaced using thermosetting beads. A pleat separation like this allows optimum media utilization and offers very low pressure drops. Mini pleated panels are arranged in a V configuration to allow maximum reception of air.

They are encased in a fully food grade ABS frame. Frames do come in 4V and 2V configuration for Fine HVP range. 2V versions are offered as an economical version or where the required face velocity is lower than 1.5 m/s. The pleated media pack is encapsulated into the filter frame by a two part high density fire retardant urethane elastomer. A flat profile neoprene gasket or a one-piece seamless urethane gasket is used as leak free seal to the filter housing.

### Selection Chart ▼

Filter Size	4V Design : Airflow (CMH) / Pa							
	M6	IPD	F7	IPD	F8	IPD	F9	IPD
EN 779	M6	IPD	F7	IPD	F8	IPD	F9	IPD
ISO 16890	ePM10 60%		ePM2,5 65%		ePM1 75%		ePM1 85%	
610 x 610 x 292	5000	115	5000	140	5000	150	5000	155
305 x 610 x 292	2500	115	2500	140	2500	150	2500	155
592 x 592 x 292	4800	115	4800	140	4800	150	4800	155
289 x 592 x 292	2400	115	2400	140	2400	150	2400	155

Filter Size	2V Design : Airflow (CMH) / Pa							
	M6	IPD	F7	IPD	F8	IPD	F9	IPD
EN 779	M6	IPD	F7	IPD	F8	IPD	F9	IPD
ISO 16890	ePM10 60%		ePM2,5 65%		ePM1 75%		ePM1 85%	
610 x 610 x 292	3600	105	3600	130	3600	135	3600	145
305 x 610 x 292	1800	105	1800	130	1800	135	1800	145
592 x 592 x 292	3400	105	3400	130	3400	135	3400	145
289 x 592 x 292	1700	105	1700	130	1700	135	1800	145

● Final Pressure Drop - 450 Pa ● Maximum Operating Temperature / Humidity - 90 ° C / 90% ● Maximum Pressure Drop - 700 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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