

Aero Cell V - Mini Pleat Compact Pocket Filters

Aero Cell V, the high efficiency Mini-Pleat compact filters made up of micro-fine glass fiber media are available in a wide range of efficiencies from M6-F9 (65% - 95%+). Aero Cell V are designed to use in HVAC installations where highest degree of air cleanliness is required. The compact design, larger surface area and low initial resistance made it an Ideal alternative to ordinary bag filters & box type filters of similar efficiencies. This model is also available with very high burst resistance, low pressure drop and high dust holding capacity for extreme operating condition like gas turbine air intake fine filtration etc. Aero Cell VGT Models are available with plastic grid support as face guards.

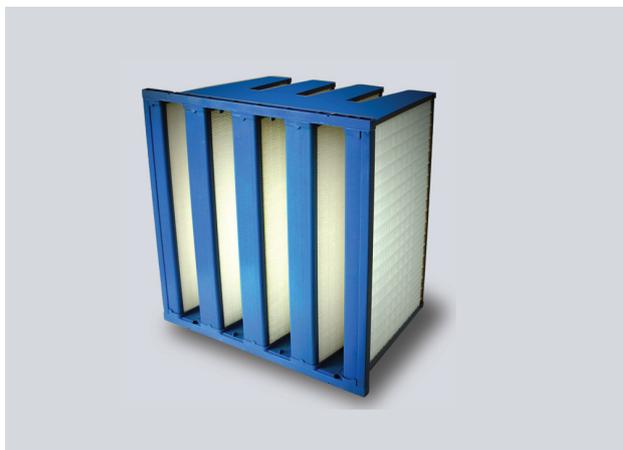
Aerofil Models

Aero Cell V

Minipleat Compact Filters in plastic frame with 292mm depth
Available in 20 and 25mm headers

Aero Cell VGT

Minipleat Compact Filters in plastic frame with 292mm depth backed with plastic mesh support for additional protection
Available in 20 and 25mm headers

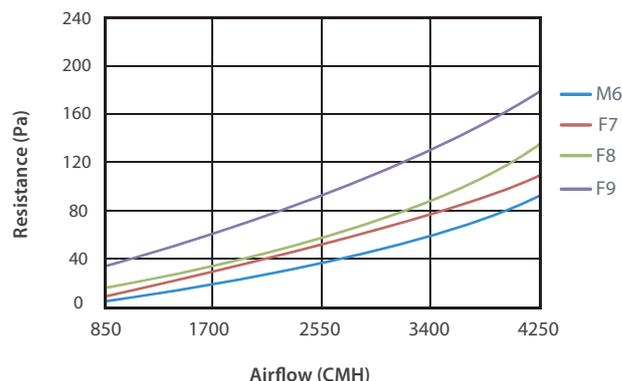


Media Features and Technical Details

AERO CELL V filters are made up of water resistant micro-fine glass fiber filter media, closely pleated & separated by continuous thermo - plastic bead separators. This design accommodates very large quantity of filter media which offers a longer service life and low pressure drop. The Mini pleated media packs are arranged in perfect V design and sealed to the enclosing frame. Single peice PU foam gasket is optional.

AERO CELL VGT model filters utilizes a special grade media offering very high dust holding capacity and the mini-pleat packs are backed with an additional plastic grid support on each media panel ensuring protection during operation at harsh conditions. All filters are fully potted with PU. Filters are absolutely metal free and so are 100% incinerable. Filters can also be made in Reverse flow design. These filters offers very high burst pressure, hence ideal for extreme operating conditions like Gas turbine air intake applications.

Aero Cell V - Airflow vs. Initial Resistance



Selection Chart ▼

ASHRAE 52.2 / EN 779 : 2012	Arrestance (%)	Model	GT Model	Size (mm)	Rated Airflow (CMH)		Initial Resistance (Pa)		Media Area (M2)
					@2.54 m/s	@3.17 m/s	2.54 m/s	3.17 m/s	
MERV 15 / F9	99.9	FVG9-44-12	FVGT9-44-12	Size: 592 x 592 x 292	3400	4250	135	175	18
MERV 15 / F9	99.9	FVG9-04-12	FVGT9-04-12	Size: 490 x 592 x 292	2750	3450	135	175	14
MERV 15 / F9	99.9	FVG9-24-12	FVGT9-24-12	Size: 287 x 592 x 292	1700	2125	135	175	9
MERV 14 / F8	99.9	FVG8-44-12	FVGT8-44-12	Size: 592 x 592 x 292	3400	4250	95	125	18
MERV 14 / F8	99.9	FVG8-04-12	FVGT8-04-12	Size: 490 x 592 x 292	2750	3450	95	125	14
MERV 14 / F8	99.9	FVG8-24-12	FVGT8-24-12	Size: 287 x 592 x 292	1700	2125	95	125	9
MERV 13 / F7	99	FVG7-44-12	FVGT7-44-12	Size: 592 x 592 x 292	3400	4250	80	105	18
MERV 13 / F7	99	FVG7-04-12	FVGT7-04-12	Size: 490 x 592 x 292	2750	3450	80	105	14
MERV 13 / F7	99	FVG7-24-12	FVGT7-24-12	Size: 287 x 592 x 292	1700	2125	80	105	9
MERV 11 / M6	98	FVG6-44-12	FVGT6-44-12	Size: 592 x 592 x 292	3400	4250	65	95	18
MERV 11 / M6	98	FVG6-04-12	FVGT6-04-12	Size: 490 x 592 x 292	2750	3450	65	95	14
MERV 11 / M6	98	FVG6-24-12	FVGT6-24-12	Size: 287 x 592 x 292	1700	2125	65	95	9

● Final Resistance : 635 Pa ● Burst Pressure : 6000 Pa ● Temperature : 80 ° C

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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