

Aero Cell SV - Mini Pleat Synthetic Compact Pocket Filters

Aero Cell SV, the high efficiency Mini-Pleat compact filters made up of synthetic media are available in a wide range of efficiencies from M6 - F9 (65% - 95%+). Aero Cell SV 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 the similar efficiencies. Aero Cell SV models are also available with very high burst resistance, low pressure drop and high dust holding capacity for extreme operating conditions like Gas turbine air intake fine filtration etc. Aero Cell SVGT Models are available with plastic grid support optional.

Aerofil Models

Aero Cell SV
 Minipleat Synthetic Compact Filters in plastic frame with 292mm depth
 Available in 20 and 25mm headers

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

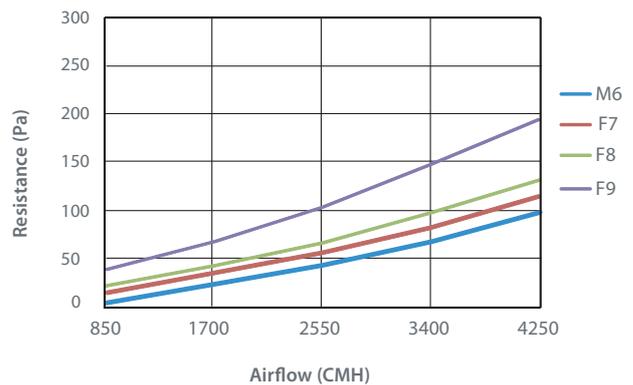


Media Features and Technical Details

AERO CELL SV filters are made up of synthetic paper fiber filter media, closely pleated and separated by continuous thermo-plastic bead separators. This design accommodates a 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 piece PU foam gasket will be provided upon request.

The SVGT model filters utilize a special grade media offering very high dust holding capacity and the mini-pleat packs are backed with an additional plastic grid support for each media panel to ensure protection during operation at harsh conditions. Fully Potted versions are also available. Filters are absolutely metal free and so are incinerable and environmentally friendly. 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 SV - Airflow vs. Initial Resistance



Selection Chart ▼

ASHRAE 52.2 / EN 779 : 2012	Arrestance (%)	Model	GT Model	Size (mm)	Rated Airflow (CMH)		Initial Resistance (Pa)		Final Resistance (Pa)
					@2.54 m/s	@3.17 m/s	2.54 m/s	3.17 m/s	
MERV 15 / F9	99.9	AVS9-44-12	AVST9-44-12	Size: 592 x 592 x 292	3400	4250	140	180	635
MERV 15 / F9	99.9	AVS9-04-12	AVST9-04-12	Size: 490 x 592 x 292	2750	3450	140	180	635
MERV 15 / F9	99.9	AVS9-24-12	AVST9-24-12	Size: 287 x 592 x 292	1700	2125	140	180	635
MERV 14 / F8	99.9	AVS8-44-12	AVST8-44-12	Size: 592 x 592 x 292	3400	4250	100	130	635
MERV 14 / F8	99.9	AVS8-04-12	AVST8-04-12	Size: 490 x 592 x 292	2750	3450	100	130	635
MERV 14 / F8	99.9	AVS8-24-12	AVST8-24-12	Size: 287 x 592 x 292	1700	2125	100	130	635
MERV 13 / F7	99	AVS7-44-12	AVST7-44-12	Size: 592 x 592 x 292	3400	4250	85	110	635
MERV 13 / F7	99	AVS7-04-12	AVST7-04-12	Size: 490 x 592 x 292	2750	3450	85	110	635
MERV 13 / F7	99	AVS7-24-12	AVST7-24-12	Size: 287 x 592 x 292	1700	2125	85	110	635
MERV 11 / M6	98	AVS6-44-12	AVST6-44-12	Size: 592 x 592 x 292	3400	4250	70	100	635
MERV 11 / M6	98	AVS6-04-12	AVST6-04-12	Size: 490 x 592 x 292	2750	3450	70	100	635
MERV 11 / M6	98	AVS6-24-12	AVST6-24-12	Size: 287 x 592 x 292	1700	2125	70	100	635

● 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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