

Aero Cell C - Minipleat Synthetic Panel Filters

AERO CELL C filters are the new generation type high efficiency mini - pleat panel filters available in a wide range of efficiencies from M5 to F9 (45%to 95%+). AERO CELL C filters 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 and box type filters of the similar efficiencies.

Aerofil Models

Aero Cell C

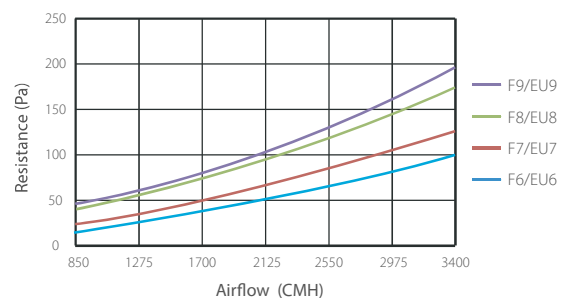
Minipleat Synthetic Panel Filters
 Available in single, double or no header frames
 M5 to F9 efficiencies
 Metal or Plastic Frame



Media Features and Technical Details

A 100% synthetic filter media made from a modified meltblown process having graded fiber density ensuring coarse fibers upstream and fine fibers downstream is closely pleated adding thermo-plastic bead separators which gives a unique V configuration to the pleats and accommodates a very large quantity of filter media. The low initial pressure drop longer service life and the compact design made it an ideal design for all types of air conditioning installations. The AERO CELL C filters are available in plastic or metal frames. The filter media used is inherently antimicrobial and so it inhibits the growth of micro organisms.

Airflow vs. Resistance



Selection Chart ▼

Nominal Size (mm)	Airflow (CMH)			Initial Resistance to air flow (Pa)												Media Area (Sq. M)
	L	M	H	65%/F6/MERV11			85%/F7/MERV13			95%/F8/MERV14			95%+/F9/MERV15			
				Model : ACC6			Model : ACC7			Model : ACC8			Model : ACC9			
				L	M	H	L	M	H	L	M	H	L	M	H	
592 x 592 x 150	1700	2550	3400	35	60	95	45	80	123	65	112	165	75	130	185	15.58
592 x 287 x 150	850	1275	1700	35	60	95	45	80	123	65	112	165	75	130	185	7.79
592 x 592 x 96	1700	2550	3400	40	65	100	51	85	128	71	119	171	80	134	193	10.03
592 x 292 x 96	850	1275	1700	40	65	100	51	85	128	71	119	171	80	134	193	4.83
592 x 490 x 96	1400	2100	2800	40	65	100	51	85	128	71	119	171	80	134	193	8.36
592 x 1200 x 96	3400	5100	6800	40	65	100	51	85	128	71	119	171	80	134	193	20.44
592 x 592 x 48	1700	2550	3400	43	74	122	71	128	205	88	154	230	97	174	265	5.20
592 x 292 x 48	850	1275	1700	43	74	122	71	128	205	88	154	230	97	174	265	2.51
592 x 490 x 48	1400	2100	2800	43	74	122	71	128	205	88	154	230	97	174	265	4.27
592 x 1200 x 48	3400	5100	6800	43	74	122	71	128	205	88	154	230	97	174	265	10.59
592 x 592 x 24	1700	2550	3400	88	156	253	165	...	...	179	...	...	196	...	...	3.90
592 x 292 x 24	850	1275	1700	88	156	253	165	...	...	179	...	...	196	...	...	1.86
592 x 490 x 24	1400	2100	2800	88	156	253	165	...	...	179	...	...	196	...	...	3.16
592 x 1200 x 24	3400	5100	6800	88	156	253	165	...	...	179	...	...	196	...	...	8.18

- Recommended Final Resistance : 375 Pa
- Maximum Pressure Drop - 450 Pa
- Maximum Operating Temperature / Humidity - 80 ° C / 100%

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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