

Aero Cell CG - Minipleat Fiberglass Panel Filters

AERO CELL CG 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 CG 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 CG

Minipleat Fiberglass Panel Filters

Available in single, double or no header frames

M5 to F9 efficiencies

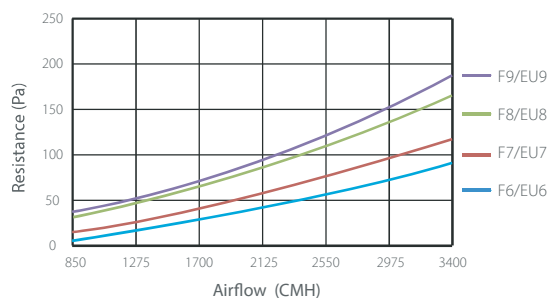
Metal or Plastic Frame



Media Features and Technical Details

These filters are made up of water resistant micro - fine glass 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 encased in a metal or plastic frame. AERO CELL CG filters are available with single, double or no header style.

Airflow vs. Resistance



Selection Chart ▼

Nominal Size (mm)	Airflow (CMH)			Initial Resistance to air flow (Pa)												Media Area (Sq. M)
	L @ 1.27 m/s	M @ 1.90 m/s	H @ 2.54 m/s	65%/F6/MERV11			85%/F7/MERV13			95%/F8/MERV14			95%+/F9/MERV15			
				Model: FCC6			Model: FCC7			Model: FCC8			Model: FCC9			
				L	M	H	L	M	H	L	M	H	L	M	H	
592 x 592 x 96	1700	2550	3400	36	58	89	46	76	114	64	107	152	71	119	173	10.03
592 x 292 x 96	850	1275	1700	36	58	89	46	76	114	64	107	152	71	119	173	4.83
592 x 490 x 96	1400	2100	2800	36	58	89	46	76	114	64	107	152	71	119	173	8.36
592 x 1200 x 96	3400	5100	6800	36	58	89	46	76	114	64	107	152	71	119	173	20.44
592 x 592 x 48	1700	2550	3400	38	66	109	64	114	183	79	137	206	86	155	236	5.20
592 x 292 x 48	850	1275	1700	38	66	109	64	114	183	79	137	206	86	155	236	2.51
592 x 490 x 48	1400	2100	2800	38	66	109	64	114	183	79	137	206	86	155	236	4.27
592 x 1200 x 48	3400	5100	6800	38	66	109	64	114	183	79	137	206	86	155	236	10.59
592 x 592 x 24	1700	2550	3400	79	140	226	147	...	...	160	...	...	175	...	...	3.90
592 x 292 x 24	850	1275	1700	79	140	226	147	...	...	160	...	...	175	...	...	1.86
592 x 490 x 24	1400	2100	2800	79	140	226	147	...	...	160	...	...	175	...	...	3.16
592 x 1200 x 24	3400	5100	6800	79	140	226	147	...	...	160	...	...	175	...	...	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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