

## Aero Pac - Synthetic Meltblown Pocket Filters

AERO PAC medium to high efficiency extended surface bag filters are manufactured from a new generation range of inherently anti-microbial high lofted synthetic fibre filter media. AERO PAC offers excellent filtration performance combined with high dust holding capacity and suitable for applications where highest degree of air cleanliness is required.

### Filterfit models

Aero Pac

UL Listed Pocket Filter  
Available in 20 and 25mm header  
M5 to F9 efficiencies  
Metal or Plastic Frame  
Silicon Free



AERO PAC is capable of removing contaminants such as bacteria, fungi, fumes, smoke etc. from the air stream and it is an ideal bag filter for HVAC systems installed in Hospitals, Laboratories, Food processing & Pharmaceutical units, Computer rooms, Optical and Electronic facilities, Airports terminals, public buildings etc.

### MEDIA FEATURES AND TECHNICAL DETAILS

AERO PAC utilizes a 100% synthetic filter media having high tensile strength developed through melt blown process. This media has an advantage of being heat sealed, thus avoiding any pin holes that are found in most conventional bag filters. The three stage media arrangement which consist of coarse fibres upstream, micro-fine fibres down stream and a scrim backing to prevent fibre migration, offers high dust holding capacity and filtration efficiency.

AERO PAC provides extended surface filtration through media formed into individual dust holding pockets. These pockets are created by internal stitches or ultra sonic welding process with internal spacers to maintain uniform airflow channels for even dust loading and longer filter life. The perfectly balanced pocket design allows full media inflation without crowding or restricting airflow to ensure optimum media utilization and thereby offering long service life.

Each pocket is bonded and sealed to its own 'J' channel support frame which is fastened to a heavy duty corrosion resistant steel frame with soft edges to avoid damage to the filter media. This design prevents air bypass by eliminating metal contact points between components. Filters are also offered in plastic frame construction.

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### SELECTIONS CHART

Part No.	No. of Pockets	Filter Size (mm)	Efficiency	Arrestance %	Airflow L/S			Initial Resistance (Pa) to Airflow			Media Area (m <sup>2</sup> )
					@2.5 m/s	@3.17 m/s	@3.81 m/s	@2.5 m/s	@3.17 m/s	@3.81 m/s	
1-3200	8	592 x 592 x 900	F5 / Merv 10	45	944	1180	1416	38	51	81	9.7
1-3201	4	592 x 289 x 900	F5 / Merv 10	45	472	590	708	-	-	-	4.8
1-3205	6	592 x 592 x 380	F5 / Merv 10	45	597	708	944	61	84	104	3.1
1-3206	3	592 x 289 x 380	F5 / Merv 10	45	299	354	472	-	-	-	1.55
1-3207	8	592 x 592 x 380	F7 / Merv 13	85	597	708	944	91	112	152	4.1
1-3208	4	592 x 289 x 380	F7 / Merv 13	85	299	354	472	-	-	-	2.1
1-3210	6	592 x 592 x 600	F5 / Merv 10	45	667	833	944	36	51	66	5.02
1-3211	3	592 x 289 x 600	F5 / Merv 10	45	334	416	472	-	-	-	2.51
1-3221	6	592 x 592 x 380	F6 / Merv 11	65	597	708	944	106	125	160	3.1
1-3222	3	592 x 289 x 380	F6 / Merv 11	65	299	354	472	-	-	-	1.55
1-3241	6	592 x 592 x 600	F6 / Merv 11	65	667	833	944	86	112	122	5.02
1-3242	3	592 x 289 x 600	F6 / Merv 11	65	334	416	472	-	-	-	2.51
1-3244	8	592 x 592 x 600	F6 / Merv 11	65	708	944	1111	71	112	147	6.56
1-3245	4	592 x 289 x 600	F6 / Merv 11	65	396	472	556	-	-	-	3.28
1-3247	6	592 x 592 x 600	F7 / Merv 13	85	667	833	944	86	112	122	5.02
1-3248	3	592 x 289 x 600	F7 / Merv 13	85	334	416	472	-	-	-	2.51
1-3250	8	592 x 592 x 600	F7 / Merv 13	85	708	944	1111	71	112	147	6.56
1-3251	4	592 x 289 x 600	F7 / Merv 13	85	396	472	556	-	-	-	3.28
1-3253	8	592 x 592 x 600	F8 / Merv 14	95	708	944	1111	89	127	173	6.56
1-3254	4	592 x 289 x 600	F8 / Merv 14	95	396	472	556	-	-	-	3.28
1-3256	8	592 x 595 x 600	F9 / Merv 15	98	708	944	1111	107	152	207	6.56
1-3258	4	592 x 289 x 600	F9 / Merv 15	98	396	472	556	-	-	-	3.28
1-3270	8	592 x 592 x 900	F7 / Merv 13	85	944	1180	1416	56	91	117	9.7
1-3271	4	592 x 289 x 900	F7 / Merv 13	85	472	590	708	-	-	-	4.8

\* Non-standard sizes are available on request

 Final Pressure Drop - 625 Pa  Maximum Operating Temperature / Humidity - 90 ° C / 90%  Please contact factory for other sizes

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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