

Aero Pac G - Fiberglass Pocket Filters

AERO PAC G medium to high efficiency extended surface bag filters made of high lofted micro-fine glass fiber media offers excellent filtration performance combined with high dust holding capacity. AERO PAC G is the right choice bag filter for applications where highest degree of air cleanliness is required. AERO PAC G 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 system installed in Hospitals, Laboratories, Food processing and Pharmaceutical units, Computer rooms, Optical and Electronic facilities, Airports terminals, public buildings etc.

Filtrowin Models

Aero Pac G

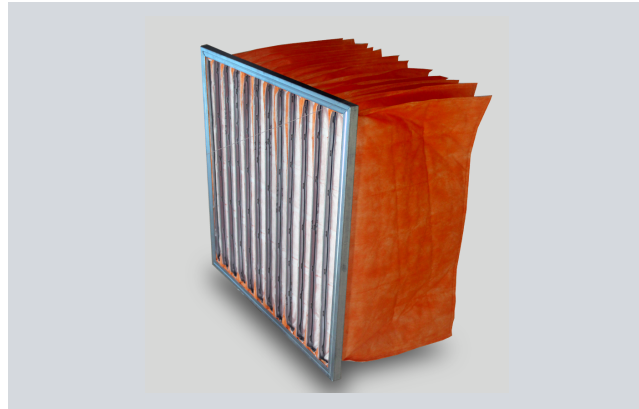
Fiberglass Pocket Filter

Available in 20 and 25mm header

M5 to F9 efficiencies

Metal or Plastic Frame

Silicon Free



Media Features and Technical Details

AERO PAC G is made up of high lofted microfine glass fiber media which ensures reliable performance throughout the filter life. The multi stage media design with coarse fibers upstream and micro-fine fibers downstream supported by the scrim backing enhances the overall efficiency of the filter in capturing the dust particles and increasing the dust holding capacity. The small fiber diameter and uniformity in arrangement results in low resistance to airflow and consistent filtration of sub-micron particles.

AERO PAC G provides extended surface filtration through media formed into individual dust holding pockets. These pockets are created by internal folds stitched 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.

Selection Chart ▼

Nominal Size (mm)	No. of Pockets	Airflow (CMH)			Initial Resistance to air flow (Pa)															Media Area (Sq. M)	
		@ 2.5 m/s	@ 3.17 m/s	@ 3.81 m/s	95%/F9/MERV15			95%/F8/MERV14			85%/F7/MERV13			65%/F6/MERV11			45%/F5/MERV10				
					L	M	H	L	M	H	L	M	H	L	M	H	L	M	H		
592 x 592 x 915	10	3400	4250	5100	94	154	188	78	129	156	61	101	129	42	56	89	-	-	-	-	12.08
592 x 592 x 762	10	3400	4000	4750	117	164	201	98	137	168	73	112	140	73	112	140	-	-	-	-	8.20
592 x 592 x 736	8	3000	3400	3750	127	134	181	106	112	151	78	84	134	78	84	134	-	-	-	-	6.94
592 x 592 x 660	12	3400	4000	4750	127	168	228	106	140	190	78	112	162	78	112	162	-	-	-	-	10.46
592 x 592 x 660	10	3000	3400	4000	117	141	174	98	117	145	78	95	134	78	95	134	31	36	56	56	7.11
592 x 890 x 660	10	4600	5100	3600	111	154	168	92	129	140	75	95	134	75	95	134	31	36	56	56	12.75
592 x 592 x 635	10	3000	3400	4000	121	148	181	101	123	151	73	101	140	73	101	140	34	39	61	61	8.38
592 x 592 x 635	8	2550	3400	4000	117	161	218	98	134	182	75	109	151	75	109	151	34	47	70	70	6.84
592 x 592 x 600	8	2400	3400	4000	117	168	228	98	140	190	78	123	162	78	123	162	34	53	78	78	6.56
592 x 592 x 600	6	2400	3000	3400	127	168	184	106	140	154	95	123	134	95	123	134	39	56	73	73	5.02
592 x 592 x 550	10	3000	3400	2250	134	151	201	112	126	168	84	106	145	84	106	145	36	50	73	73	7.38
592 x 592 x 550	7	2550	3000	3400	127	148	178	106	123	148	92	98	112	92	98	112	45	47	67	67	5.17
592 x 592 x 550	6	2550	3000	3400	148	161	188	123	134	156	98	112	123	98	112	123	47	50	70	70	4.60
592 x 592 x 534	8	2550	3000	3400	124	151	174	103	126	145	92	98	112	92	98	112	42	47	64	64	5.74
592 x 592 x 534	6	2550	3000	3400	151	168	194	126	140	162	103	123	140	103	123	140	50	56	75	75	4.39
592 x 592 x 510	10	2550	3400	3750	127	161	188	106	134	156	84	123	151	84	123	151	42	47	70	70	6.71
592 x 592 x 510	8	2550	3000	3400	134	161	181	112	134	151	101	112	126	101	112	126	45	50	67	67	5.47
592 x 592 x 510	6	2550	3000	3400	154	178	201	129	148	168	117	134	151	117	134	151	50	56	78	78	4.18
592 x 592 x 480	8	2550	3000	3400	154	178	201	129	148	168	115	131	151	115	131	151	47	64	73	73	5.20
592 x 592 x 457	8	2550	3000	3400	161	184	211	134	154	176	120	137	162	120	137	162	50	70	84	84	4.92
592 x 592 x 380	10	2300	2550	3400	121	154	188	101	129	156	84	117	151	84	117	151	53	70	84	84	5.03
592 x 592 x 380	8	2150	2550	3400	134	174	215	112	145	179	101	123	168	101	123	168	56	78	92	92	4.10
592 x 592 x 300	12	2150	2550	3400	141	161	201	117	134	168	101	129	179	101	129	179	56	73	89	89	4.83

Note : Other sizes having filter face size 490 x 592mm operates at 80% airvolume and filter face 287 x 592mm operates at 50% of the air volume of 592 x 592mm. Pressure drop remains the same.

- Recommended Final Resistance : 250 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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