

AIRCLEAN

YOUR AIR FILTER MANUFACTURER

**Bays 2 & 3 Pattenden Lane, Marden,
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General Purpose Bag Filters Grades G3,G4 & M5 to EN779

Applications

These are an economical range of Bag Filters suitable for fresh air conditioning and ventilation systems where greater dust holding capacity is required than a Panel Filter can offer.

Ideal as a pre-filter to a higher efficiency Bag Filter system, and Activated Carbon Filters.

Suitable for the food industry.

They are simple to install and replace.



Construction

The GP pocket filter comprises a corrosion resistant heavy gauge galvanised header frame housing the filter media which is supported by a copper coated rod assembly and tags which keep the media pockets from blinding each other. The pockets are of a lofted non-woven synthetic material.

Technical

Filter classification :

Maximum operating temperature :

Flammability :

Grade G3, G4 or M5 to EN779

100°C (212°F)

Flame Retardant to DIN 53438

Classes F1 & K1

Performance Chart:

Part No. For Filter Grades			Nominal Size Height x Width x Length	Airflow Capacity		Initial PD Pa for Grade			No. of Pockets
G3	G4	M5		m³/s	cfm	G3	G4	M5	
1410-301	1410-401	1410-501	594 x 289 x 146	0.24	500	40	50	63	2
1410-302	1410-402	1410-502	594 x 289 x 222	0.35	750				
1410-303	1410-403	1410-503	594 x 289 x 294	0.47	1000				
1410-304	1410-404	1410-504	594 x 289 x 375	0.59	1250				
1410-305	1410-405	1410-505	594 x 289 x 445	0.71	1500				
1410-316	1410-416	1410-516	594 x 289 x 594	0.80	1700				
1410-311	1410-411	1410-511	594 x 492 x 146	0.40	850	40	50	63	3
1410-312	1410-412	1410-512	594 x 492 x 228	0.53	1275				
1410-313	1410-413	1410-513	594 x 492 x 294	0.80	1700				
1410-314	1410-414	1410-514	594 x 492 x 375	0.88	2100				
1410-315	1410-415	1410-515	594 x 492 x 445	1.20	2550				
1410-316	1410-416	1410-516	594 x 492 x 594	1.39	2950				
1410-321	1410-421	1410-521	594 x 594 x 146	0.47	1000	40	50	63	4
1410-322	1410-422	1410-522	594 x 594 x 228	0.71	1500				
1410-323	1410-423	1410-523	594 x 594 x 294	0.94	2000				
1410-324	1410-424	1410-524	594 x 594 x 375	1.18	2500				
1410-325	1410-425	1410-525	594 x 594 x 445	1.41	3000				
1410-326	1410-426	1410-526	594 x 594 x 594	1.65	3500				

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Non-standard sizes can be manufactured.

Headers thicknesses available: 16mm, 22mm, 25mm and 32mm

Actual header face sizes are 16mm less than nominal

Eg. Code GP3 12/15 is a 15" long two pocket bag with an actual header size of 594 x 289 x 22mm, and a Grade of G3 to EN779

Recommended discard resistance is 200Pa (0.80" wg) above clean resistances shown above.

Holding frames and Casings

Holding frames and casings for bag filters are available singly or in multiples and can be manufactured to suit non-standard sizes and special applications.

See leaflet Codes AC8 for full technical information.

The company reserves the right to change specifications without notice. E&OE

