

M-PACK-GF GLASS FIBER POCKET FILTER



PRODUCT FEATURES

- Sturdy all-metal frame structure
- Optimized “V”-shaped pocket design for low pressure drop and extended service life
- Melt-blown ultra-fine glass fiber media, delivering stable efficiency throughout the service life

APPLICATIONS

- Medium efficiency filtration for HVAC systems in commercial and industrial applications; pre-filtration for cleanroom HVAC systems
- F7 and F8 grades for medium efficiency air filtration in commercial, industrial and cleanroom applications

List of Materials	
Frame	Double-layer U-shaped aluminium / Galvanized iron sheet (GI)
Filter Depth	20mm / 21mm / 26mm / 47mm
Filter Material	Glass fiber
Connection Angles	Sturdy and high-temperature resistant ABS / Aluminium
Reinforcement Support	Galvanized steel strip

Applicable Conditions	
Maximum Temperature	60°C (140°F)

EFFICIENCY

- M5, M6, F7, F8, F9

PRODUCT STRUCTURE DESCRIPTION

- Frame constructed from galvanized steel or extruded aluminum profiles
- Internal support grid in galvanized steel, with individual pocket retainers to secure each pocket and prevent detachment
- Media made of melt-blown ultra-fine glass fiber, designed in a “V”-shaped pocket configuration to maximize effective media area and extend service life

NAME SPECIFICATION

BF - 01 - □□□ - □□ - □□ - □P - □□ - □ - □

- 1 Filter material: Glass fiber
- 2 Connection angles: AL-Aluminium, PL-ABS
- 3 Filtration efficiency: M5, M6, F7, F8, F9
- 4 Number of bags: 3P~12P
- 5 Frame material: A-Aluminium, GI-Galvanized iron sheet
- 6 Filter depth: 20mm (GI frame), 21mm, 26mm, 47mm
- 7 Dimensions: Width x Height x Pocket depth (WxHxD), unit: mm
- 8 Manufacturer: MayAir
- 9 Type: Glass fiber pocket filter

Product Specifications											
Nominal Dimensions W x H x D (Inch)	Actual Dimensions W x H x D (mm)	Pocket Quantity (pcs)	Media Area (m ²)	Airflow (m ³ /h)	Rated Initial Pressure Drop (Pa)					Recommended Final Pressure Drop (Pa)	
					M5	M6	F7	F8	F9		
24 x 24 x 24	592 x 592 x 600	8	6	3,400	80	95	110	130	150	450	
20 x 24 x 24	490 x 592 x 600	6	4.5	2,800	80	95	110	130	150	450	
12 x 24 x 24	287 x 592 x 600	4	3.1	1,700	80	95	110	130	150	450	
20 x 20 x 24	490 x 490 x 600	6	3.8	2,380	80	95	110	130	150	450	
24 x 24 x 24	592 x 592 x 600	8	6	3,400	80	95	110	130	150	450	
20 x 24 x 24	490 x 592 x 600	6	4.5	2,800	80	95	110	130	150	450	
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Remark:
1. Initial pressure drop performance tolerance is ±10%
2. Special dimensions available upon request