



M-VPACK PAINT MIST POCKET FILTER

PRODUCT FEATURES

- Gradually progressive synthetic fiber filter material
- Sturdy metal frame structure
- Seamless welding process for pocket filter, ensuring stability
- Ultra-high dust holding capacity, low pressure drop

APPLICATIONS

- Suitable for intake and exhaust filtration in spray booths in the painting industry
- Industrial plant ventilation filtration
- Intake and exhaust filtration for HVAC systems

EFFICIENCY

- G4, M5, M6, F7, F8, F9

PRODUCT STRUCTURE DESCRIPTION

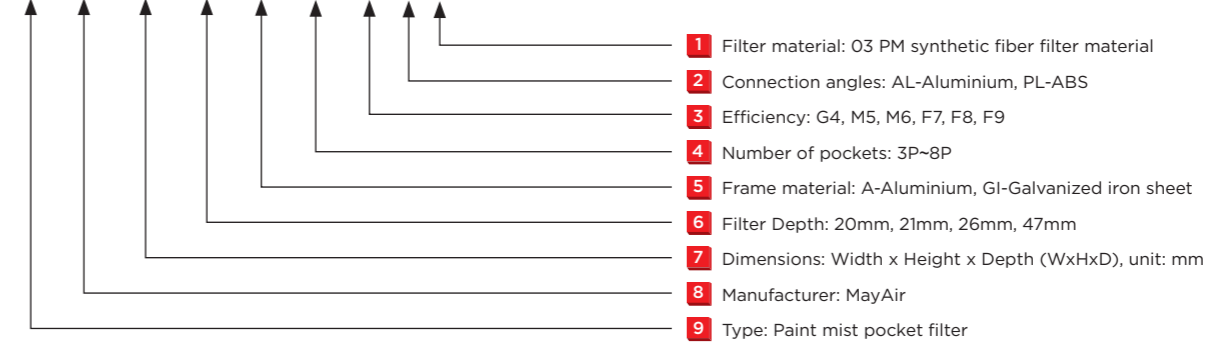
- Progressive high dust holding media provides lower average pressure drop and longer service life, achieving high dust holding capacity with low pressure drop; the media's inherent rigidity offers self-supporting capability, maintaining a clear internal structure even after heavy dust or paint mist loading
- Inner pocket design with reduced spacing follows aerodynamic optimization principles, ensuring a stable filter structure
- Excellent resistance to moisture and chemicals

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

Applicable Conditions	
Maximum Temperature	70°C (158°F)

NAME SPECIFICATION

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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 Pressure Drop (Pa)					
					G4	M5	M6	F7	F8	F9
24 x 24 x 24	592 x 592 x 600	8	6.2	3,400	40	45	50	80	95	125
24 x 24 x 24	592 x 592 x 600	6	4.7	3,400	60	65	70	100	115	145
12 x 24 x 24	592 x 592 x 600	4	3.1	1,700	40	45	50	80	95	125
12 x 24 x 24	592 x 592 x 600	3	2.4	1,700	60	65	70	100	115	145

Remark:
1. Initial pressure drop performance tolerance is ±10%
2. Special dimensions available upon request