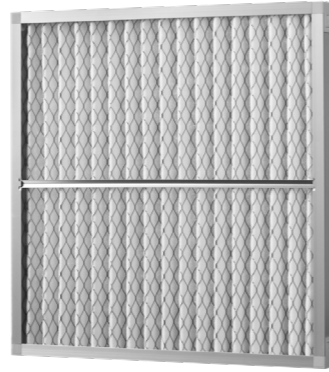


M-MNF WASHABLE PANEL FILTER (WIRE MESH)



PRODUCT FEATURES

- High dust holding capacity
- Low pressure drop
- Lightweight panel-type pre-filter with protective mesh, using high-quality polyester synthetic media for low initial pressure drop

APPLICATIONS

- Pre-filtration for HVAC systems to prevent internal dust accumulation and contamination
- Pre-filtration for large air compressors
- Pre- and return air filtration in cleanroom HVAC systems to extend the service life of downstream HEPA filters
- Pre-filtration for ventilation systems in general industrial facilities to meet basic air cleanliness requirements

EFFICIENCY

- G3, G4

PRODUCT STRUCTURE DESCRIPTION

- Panel-type aluminum alloy frame with optional ABS or aluminum corners ensures a stable structure, while polyester synthetic media with protective mesh provides low pressure drop and high dust holding capacity

List of Materials	
Frame	Aluminium
Filter Depth	46mm / 96mm
Filter Material	High-quality polyester synthetic fiber with support mesh
Connection Angles	Sturdy and high-temperature resistant ABS / Aluminium
Reinforcement Support	Galvanized steel

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

NAME SPECIFICATION

WF - 01 - □□□ - □ - □□ - □

- 1 Filter material: Meshed synthetic fiber
- 2 Efficiency: G3, G4
- 3 Connection angles: AL-Aluminium, PL-ABS
- 4 Dimensions: Width x Height x Depth (WxHxD), unit: mm
- 5 Manufacturer: MayAir
- 6 Type: Washable panel filter (wire mesh)

Product Specifications							
Nominal Dimensions W x H x D (inch)	Actual Dimensions W x H x D (mm)	Efficiency (EN 779)	Airflow (m ³ /h)	Initial Pressure Drop at Different Airflows (Pa)			Recommended Final Pressure Drop (Pa)
				70%	100%	140%	
12 x 24 x 2	289 x 594 x 46	G3	1,700	35	55	70	Initial pressure drop 2 to 2.5 times
20 x 24 x 2	492 x 594 x 46	G3	2,800	35	55	70	
24 x 24 x 2	594 x 594 x 46	G3	3,400	35	55	70	
12 x 24 x 2	292 x 594 x 46	G4	1,700	40	60	75	
20 x 24 x 2	492 x 594 x 46	G4	2,800	40	60	75	
24 x 24 x 2	594 x 594 x 46	G4	3,400	40	60	75	

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