

M-MII

MEDIUM EFFICIENCY MINI-PLEATED AIR FILTER



PRODUCT FEATURES

- Mini-pleated design to reduce operating costs
- Compact design with wide application range, minimizing storage space requirements
- Ultra-thin design to reduce installation space

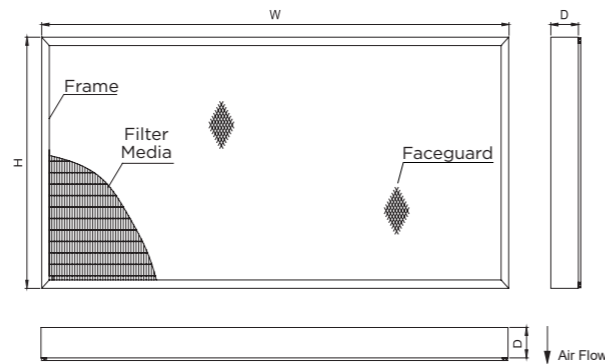
APPLICATIONS

- Medium efficiency filtration for cleanroom applications and HVAC systems in commercial and industrial facilities
- HVAC systems operating in high-humidity environments
- Variable air volume (VAV) HVAC systems
- HVAC systems with limited installation space

EFFICIENCY

- M6, F7, F8, F9

PRODUCT STRUCTURE DESCRIPTION



List of Materials	
Frame	Galvanized steel / Aluminium / Stainless steel
Filter Depth	50mm / 70mm / 80mm / 90mm / 95mm / 100mm
Filter Material	Water-resistant fiberglass
Separator	Hot melt adhesive
Sealant	Polyurethane / Fiberglass cotton
Faceguard	Powder-coated steel faceguard

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

NAME SPECIFICATION

MII - 01 - □□□ - □□□ - □□ - G□ - E□

- 1 Air-tight gasket: E0-None, E1-Upstream, E2-Both sides, E3-Downstream (neoprene rubber), EP1-Upstream, EP2-Both sides, EP3-Downstream (Pharmaceutical industry EPDM material)
- 2 Faceguard: G0-None, G1-Downstream, G2-Both sides
- 3 Frame material: SS (SUS304)-Stainless steel sheet, SG-Galvanized steel sheet, AL-Aluminium
- 4 Dimensions: Width x Height x Depth (WxHxD), unit: mm
- 5 Efficiency: F7, F8, F9
- 6 Manufacturer: MayAir
- 7 Type: Medium efficiency mini-pleated filter

Product Specifications									
Nominal Dimensions W x H x D (Inch)	Actual Dimensions W x H x D (mm)	Faceguard	Airflow (m³/h)	Face Velocity (m/s)	Rated Pressure Drop (Pa)				Recommended Final Pressure Drop (Pa)
					M6	F7	F8	F9	
24 x 12 x 2	610 x 305 x 50	Both Sides	350	0.6	90	110	122	145	300
24 x 24 x 2	610 x 610 x 50		700	0.6	90	110	122	145	300
24 x 12 x 3	610 x 305 x 70		600	1.0	90	110	122	145	300
24 x 24 x 3	610 x 610 x 70		1,200	1.0	90	110	122	145	300
24 x 12 x 3	610 x 305 x 80		700	1.15	90	110	122	145	300
24 x 24 x 3	610 x 610 x 80		1,400	1.15	90	110	122	145	300
12 x 12 x 4	289 x 289 x 95		600	2.5	100	147	169	190	350
24 x 12 x 4	594 x 289 x 95		1,300	2.5	100	147	169	190	350
24 x 12 x 4	492 x 492 x 95		1,900	2.5	100	147	169	190	350
24 x 24 x 4	594 x 594 x 95		2,800	2.5	100	147	169	190	350
24 x 12 x 4	592 x 287 x 100		1,300	2.5	100	147	169	190	350
24 x 24 x 4	592 x 592 x 100		2,800	2.5	100	147	169	190	350

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