

M-MIH

MEDIUM EFFICIENCY SECONDARY FILTER WITH SEPERATOR (HIGH TEMPERATURE RESISTANCE)



PRODUCT FEATURES

- Corrugated aluminium Frame available in non-flanged, single-flanged or double-flanged configurations, with a 20 mm flange depth
- Ultra-fine glass fiber media
- High-temperature resistant versions available up to 250°C(482°F)
- Imported sealant ensures stable performance

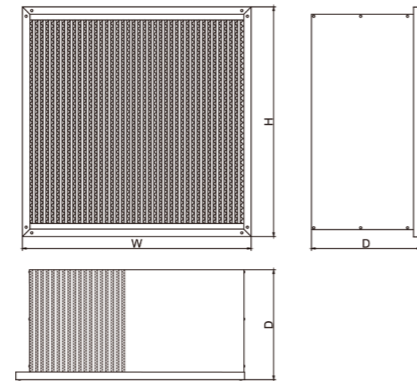
APPLICATIONS

- Used in high-temperature sterilization tunnels and ultra-clean ovens in the pharmaceutical industry
- Suitable for high-temperature air purification systems and equipment
- Applied in high-temperature air purification systems in chemical and food & beverage industries
- Medium efficiency filtration, particularly suitable for paint baking booths in automotive manufacturing
- Suitable for ventilation systems with high fire safety requirements or elevated operating temperatures

EFFICIENCY

- M6, F7, F8, F9

PRODUCT STRUCTURE DESCRIPTION



NAME SPECIFICATION

MIH - □□ - □□□ - □□□ - □□ - E□ - □□ - □ - □ - □

- 1 Temperature type: 250°C, customer-requested temperature
- 2 Design: P-red silicone sealant
- 3 Airflow type: N-Standard airflow
- 4 Flange type: X-Non flange, D1-Single flange, D2-Double flange
- 5 Air-tight gasket: E0-None, E1-Upstream, E2-Both sides, E3-Downstream
- 6 Frame material: SS (SUS304)-Stainless steel sheet, S (SUS430)-Stainless steel sheet, SG-Galvanized sheet, AL-Aluminium
- 7 Dimensions: Width x Height x Depth (WxHxD), unit: mm
- 8 Efficiency: M6, F7, F8, F9
- 9 01: MayAir brand, 15: MayAir brand for the coating industry
- 10 Type: Medium efficiency secondary filter with separator (high temperature resistance)

Product Specifications: Standard Air Volume

Nominal Dimensions W x H x D (Inch)	Actual Dimensions W x H x D (mm)	Separator	Flange	Airflow (m³/h)	Face Velocity (m/s)	Rated Initial Pressure Drop (Pa)				Recommended Final Pressure Drop (Pa)
						M6	F7	F8	F9	
12 x 24 x 3	305 x 610 x 80	Corrugated aluminium	None	400	0.6	90	130	140	150	300
24 x 24 x 3	610 x 610 x 80			800	0.6	90	130	140	150	300
12 x 24 x 6	305 x 610 x 150			850	1.2	90	130	140	150	300
24 x 24 x 6	610 x 610 x 150			1,700	1.2	90	130	140	150	300
12 x 24 x 9	305 x 610 x 220			1,080	1.6	90	130	140	150	300
24 x 24 x 9	610 x 610 x 220			2,160	1.6	90	130	140	150	300
12 x 24 x 12	305 x 610 x 292			1,700	2.5	90	130	140	150	300
12 x 24 x 12	610 x 610 x 292			3,400	2.5	90	130	140	150	300

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

List of Materials	
Frame	Galvanized steel / Aluminium / Stainless steel sheet
Filter Depth	80mm / 150mm / 220mm / 292mm
Filter Material	Water-resistant fiberglass
Separator	Corrugated aluminium
Gasket	High-temperature resistant sealing glue
Material of Sealing Gaskets	High-temperature resistant sealing gaskets

Note: High-temperature resistant separator-type filters are available with faceguards (stainless steel / galvanized steel / aluminium)

Applicable Conditions	
Maximum Temperature	250°C (482°F)