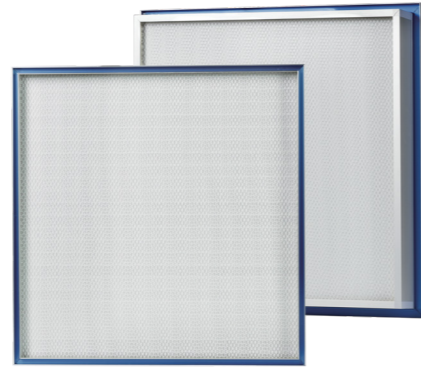


M-HII/ M-UII - GEL SEALED (PAO) HIGH/ ULTRA EFFICIENCY MINI-PLEATED AIR FILTER (PAO GEL SEALED TYPE)



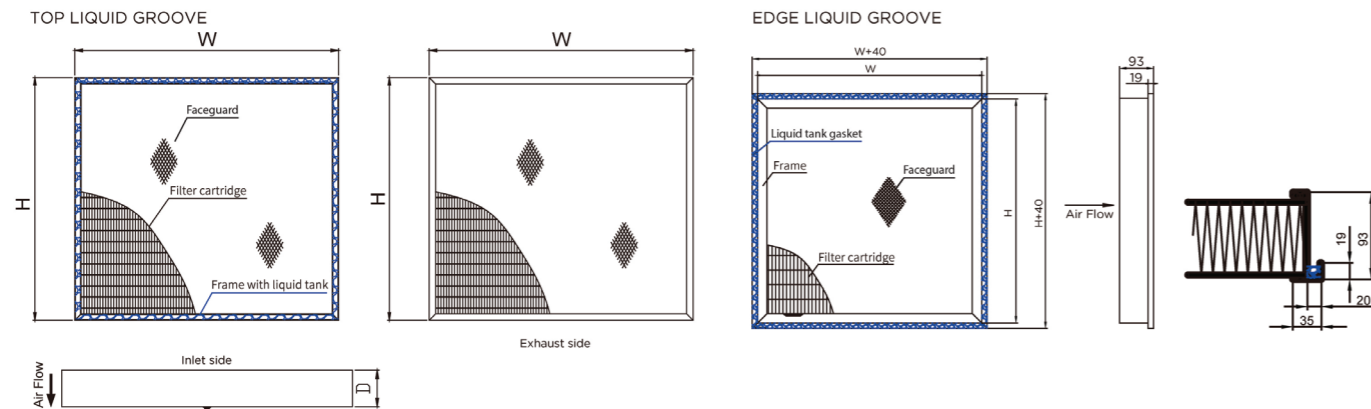
PRODUCT FEATURES

- Mini-pleated design to reduce operating costs
- Compact design for wide applications and space-saving storage
- Ultra-thin design for space-saving installation
- Gel seal design for enhanced sealing performance

APPLICATIONS

- Widely used in cleanroom and other fields with strict requirements for air cleanliness.

PRODUCT STRUCTURE DESCRIPTION



List of Materials	
Frame	Anodized aluminium profiles
Filter Depth	80mm / 100mm (top gel seal) / 93mm (side gel seal)
Filter Material	Ultra-fine fiberglass
Separator	Hot melt adhesive
Sealant	Polyurethane
Faceguard	Powder-coated steel faceguard

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

EFFICIENCY

- 99.995%@MPPS(H14), 99.9995%@MPPS(U15)

NAME SPECIFICATION

□□ - 01 - □□□ - □□□ - □□ - G□ - E□

- 1 Gel sealed: U1-Upstream gel seal, U3-Downstream gel seal, U2-Flange-type gel seal (93 mm depth)
- 2 Airtight gasket: E0-None, E1-Upstream, E2-Both sides, E3-Downstream (neoprene rubber), EP1-Upstream, EP2-Both sides, EP3-Downstream (pharmaceutical industry EPDM material)
- 3 Faceguard: G0-None, G1-Downstream, G2-Both sides
- 4 Frame material: A-Aluminium
- 5 Dimensions: Width x Height x Depth (WxHxD), unit: mm
- 6 Efficiency: 99.995%@MPPS(H14), 99.9995%@MPPS(U15)
- 7 Manufacturer: MayAir
- 8 Type: High/ Ultra efficiency mini-pleated air filter (PAO gel sealed type)

Product Specifications: Top Gel Seal						
Nominal Dimensions W x H x D (Inch)	Actual Dimensions W x H x D (mm)	Faceguard	Airflow (m ³ /h)	Face Velocity (m/s)	Rated Initial Pressure Drop (Pa)	
					H14	U15
23 x 23 x 3	570 x 570 x 80	Both Sides	470	0.45	120	140
47 x 23 x 3	1170 x 570 x 80		1,000	0.45	120	140
24 x 12 x 3	610 x 305 x 80		260	0.45	120	140
24 x 24 x 3	610 x 610 x 80		550	0.45	120	140
30 x 24 x 3	762 x 610 x 80		690	0.45	120	140
36 x 24 x 3	915 x 610 x 80		830	0.45	120	140
23 x 23 x 4	570 x 570 x 100		470	0.45	90	110
47 x 23 x 4	1170 x 570 x 100		1,000	0.45	90	110
24 x 12 x 4	610 x 305 x 100		260	0.45	90	110
24 x 24 x 4	610 x 610 x 100		550	0.45	90	110
30 x 24 x 4	762 x 610 x 100		690	0.45	90	110
36 x 24 x 4	915 x 610 x 100		830	0.45	90	110

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

Product Specifications: Side Gel Seal							
Nominal Dimensions W x H x D (Inch)	Internal Dimensios W x H x D (mm)	External Dimensions (W+40) x (H+40) x D (mm)	Faceguard	Airflow (m ³ /h)	Face Velocity (m/s)	Rated Initial Pressure Drop (Pa)	
						H14	U15
23 x 23 x 4	570 x 570 x 93	610 x 610 x 93	Both Sides	470	0.45	90	110
48 x 23 x 4	1170 x 570 x 93	1210 x 610 x 93		1,000	0.45	90	110
24 x 12 x 4	610 x 305 x 93	650 x 345 x 93		260	0.45	90	110
24 x 24 x 4	610 x 610 x 93	650 x 650 x 93		550	0.45	90	110
30 x 24 x 4	762 x 610 x 93	802 x 650 x 93		690	0.45	90	110
36 x 24 x 4	915 x 610 x 93	955 x 650 x 93		830	0.45	90	110

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