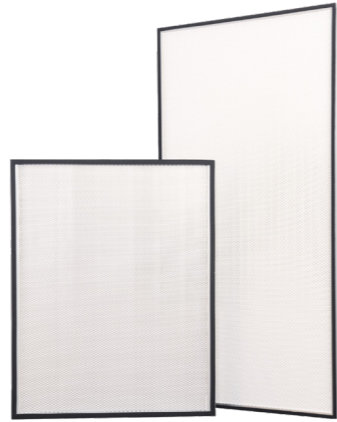




## M-HII/ M-UII HIGH/ ULTRA EFFICIENCY MINI-PLEATED AIR FILTER



### 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

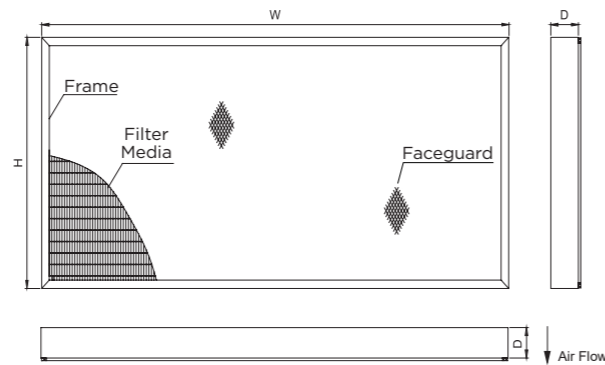
### APPLICATIONS

- Widely used in cleanrooms and other applications with stringent air cleanliness requirements

### EFFICIENCY

- 99.95%@MPPS(H13), 99.995%@MPPS(H14)
- 99.9995%@MPPS(U15), 99.99995%@MPPS(U16)

### PRODUCT STRUCTURE DESCRIPTION



List of Materials	
Frame	Anodized aluminium profiles
Filter Depth	50mm / 70mm / 90mm / 110mm
Filter material	Ultrafine glass fiber
Separator	Hot melt adhesive
Sealant	Polyurethane
Faceguard	Powder-coated steel faceguard

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

### NAME SPECIFICATION

□□ - 01 - □□□ - □□□ - □□ - G□ - E□

- 1 Air-tight gasket: E0-None, E1-Upstream, E2-Both sides, E3-Downstream (neoprene rubber), EPI-Upstream, EP2-Both sides, EP3-Downstream (pharmaceutical industry epdm material)
- 2 Faceguard: G0-None, G1-Downstream, G2-Both sides
- 3 Frame material: A-Aluminium
- 4 Dimensions: Width x Height x Depth (WxHxD), unit: mm
- 5 Efficiency: H13, H14, U15, U16
- 6 Manufacturer: Mayair
- 7 High/ Ultra efficiency mini-pleated air 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 Initial Pressure Drop (Pa)			
					H13	H14	U15	U16
23 x 23 x 2	570 x 570 x 50	Both Sides	370	0.35	108	115	135	148
47 x 23 x 2	1170 x 570 x 50		780	0.35	108	115	135	148
24 x 12 x 2	610 x 305 x 50		200	0.35	108	115	135	148
24 x 24 x 2	610 x 610 x 50		420	0.35	108	115	135	148
30 x 24 x 2	762 x 610 x 50		540	0.35	108	115	135	148
36 x 24 x 2	915 x 610 x 50		650	0.35	108	115	135	148
47 x 35 x 2	1170 x 870 x 50		1,200	0.35	108	115	135	148
47 x 47 x 2	1170 x 1170 x 50 (with reinforcement rib)		1,640	0.35	108	115	135	148
23 x 23 x 2.8	570 x 570 x 70		470	0.45	100	110	120	140
47 x 23 x 2.8	1170 x 570 x 70		1,000	0.45	100	110	120	140
24 x 12 x 2.8	610 x 305 x 70		260	0.45	100	110	120	140
24 x 24 x 2.8	610 x 610 x 70		550	0.45	100	110	120	140
30 x 24 x 2.8	762 x 610 x 70		690	0.45	100	110	120	140
36 x 24 x 2.8	915 x 610 x 70		830	0.45	100	110	120	140
47 x 35 x 2.8	1170 x 870 x 70		1,550	0.45	100	110	120	140
47 x 47 x 2.8	1170 x 1170 x 70		2,100	0.45	100	110	120	140
23 x 23 x 4	570 x 570 x 90		470	0.45	75	80	90	110
47 x 23 x 4	1170 x 570 x 90		1,000	0.45	75	80	90	110
24 x 12 x 4	610 x 305 x 90		260	0.45	75	80	90	110
24 x 24 x 4	610 x 610 x 90		550	0.45	75	80	90	110
30 x 24 x 4	762 x 610 x 90		690	0.45	75	80	90	110
36 x 24 x 4	915 x 610 x 90		830	0.45	75	80	90	110
47 x 35 x 4	1170 x 870 x 90		1,550	0.45	75	80	90	110
47 x 47 x 4	1170 x 1170 x 90		2,100	0.45	75	80	90	110
23 x 23 x 5	570 x 570 x 110	470	0.45	60	65	70	85	
47 x 23 x 5	1170 x 570 x 110	1,000	0.45	60	65	70	85	
24 x 12 x 5	610 x 305 x 110	260	0.45	60	65	70	85	
24 x 24 x 5	610 x 610 x 110	550	0.45	60	65	70	85	
30 x 24 x 5	762 x 610 x 110	690	0.45	60	65	70	85	
36 x 24 x 5	915 x 610 x 110	830	0.45	60	65	70	85	
47 x 35 x 5	1170 x 870 x 110	1,550	0.45	60	65	70	85	
47 x 47 x 5	1170 x 1170 x 110	2,100	0.45	60	65	70	85	

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