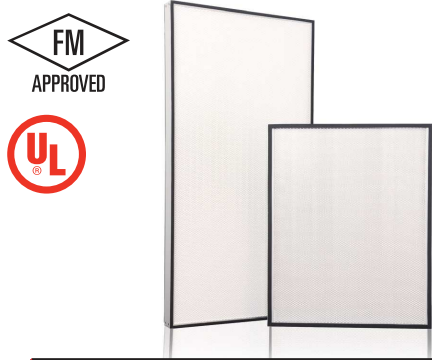


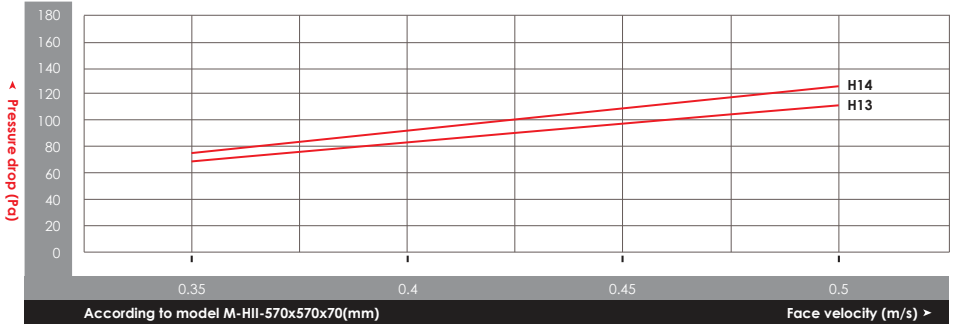
# High Efficiency Particulate Mini-Pleated Air Filter

## M-HII



HEPA / ULPA Filter

### Graph Of Initial Pressure Drop Versus Face Velocity



### Applications



Cleanroom



Semiconductor



General

### Product Features

#### Operating Conditions

Continuous operating temperature: Max. 80°C  
Operating relative humidity: ≤100 (%RH)



#### Structure/Arrangement

Ultra-slim and compact design



#### Frame

Material: Anodised aluminium  
Thickness: 50mm, 70mm, 90mm, 110mm



#### Media

Material: Ultrafine fiberglass



#### Efficiency (EN1822:2009)

H13, H14



#### Sealant

Material: Polyurethane glue



#### Separator

Material: Hot melt glue



### Product Specifications

Nominal Dimension	Actual Dimension	Thickness	Air Flow	Face Velocity	Initial Pressure Drop	
(foot)	(mm)	(mm)	(m³/h)	(m/s)	(Pa)	(Pa)
WxHxD	WxHxD				H13	H14
1x2	305x610	50	200	0.35	108	115
2x2	570x570		367	0.35	108	115
2.5x2	762x610		535	0.35	108	115
3x2	915x610		646	0.35	108	115
4x2	1170x570		775	0.35	108	115
4x3	1170x870		1206	0.35	108	115
4x4	1170x1170	1637	0.35	108	115	
1x2	305x610	70	258	0.45	100	110
2x2	570x570		472	0.45	100	110
2.5x2	762x610		687	0.45	100	110
3x2	915x610		831	0.45	100	110
4x2	1170x570		1000	0.45	100	110
4x3	1170x870		1550	0.45	100	110
4x4	1170x1170	2100	0.45	100	110	
1x2	305x610	90	258	0.45	85	91
2x2	570x570		472	0.45	85	91
2.5x2	762x610		687	0.45	85	91
3x2	915x610		831	0.45	85	91
4x2	1170x570		1000	0.45	85	91
4x3	1170x870		1550	0.45	85	91
4x4	1170x1170	2100	0.45	85	91	
1x2	305x610	110	258	0.45	70	74
2x2	570x570		472	0.45	70	74
2.5x2	762x610		687	0.45	70	74
3x2	915x610		831	0.45	70	74
4x2	1170x570		1000	0.45	70	74
4x3	1170x870		1550	0.45	70	74
4x4	1170x1170	2100	0.45	70	74	

Remarks: 1. Tolerance of initial pressure drop is ± 10%.  
2. Tolerance of dimension is ± 3mm.  
3. Other dimensions are available upon request.