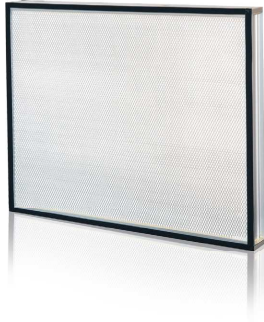


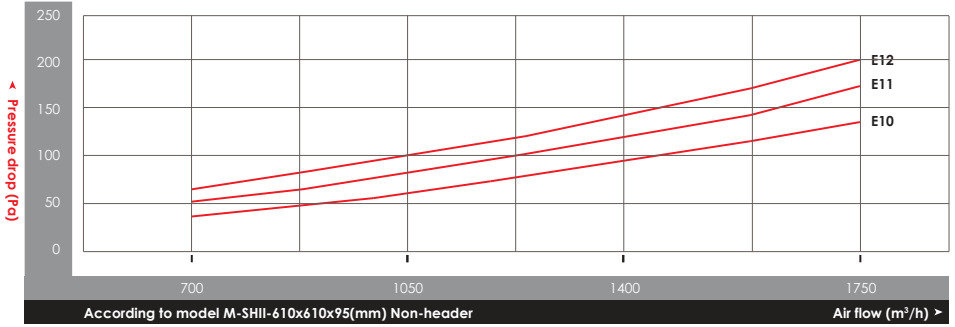
# Semi-High Efficiency Mini-Pleated Air Filter

## M-SHII



HEPA / ULPA Filter

Graph Of Initial Pressure Drop Versus Air Flow



### Applications



Cleanroom



General



Commercial Building



Industrial

### Product Features

#### Operating Conditions

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



#### Structure/Arrangement

Ultra-slim and compact design  
Faceguard: Epoxy powder coated steel mesh



#### Frame

Material: Galvanised steel / extruded aluminium / stainless steel  
Thickness: 50mm, 70m, 80mm, 90mm, 95mm, 100mm



#### Media

Material: Fiberglass



#### Efficiency (EN1822:2009)

E10, E11, E12



#### Sealant

Material: Polyurethane glue



#### Separator

Material: Hot melt bead



### Product Specifications

Nominal Dimension (inch)	Actual Dimension (mm)	Faceguard	Air Flow (m³/h)	Face Velocity (m/s)	Initial Pressure Drop (Pa)		
					E10	E11	E12
WxHxD	WxHxD	Downstream Faceguard					
12x24x2	305x610x50		490	0.85	95	122	145
24x24x2	610x610x50		1030	0.85	95	122	145
12x24x2.8	305x610x70		570	1.00	95	122	145
24x24x2.8	610x610x70		1200	1.00	95	122	145
12x24x3	305x610x80		570	1.00	95	122	145
24x24x3	610x610x80		1200	1.00	95	122	145
12x24x4	305x610x90		660	1.15	95	122	145
24x24x4	610x610x90		1400	1.15	95	122	145
12x24x4	305x610x95		660	1.15	95	122	145
24x24x4	610x610x95		1400	1.15	95	122	145
12x24x4	305x610x100		660	1.15	95	122	145
24x24x4	610x610x100		1400	1.15	95	122	145

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