

# High Efficiency Particulate Mini-Pleated Air Filter (Knife Edge Type)

## M-HII-KE



### Applications



Cleanroom



General



Food Processing Industry



Pharmaceutical & Laboratories

### 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: Anodised aluminium  
Knife edge depth: 18mm



#### Media

Material: Ultrafine fiberglass



#### Efficiency (EN1822:2009)

H13, H14



#### Sealant

Material: Polyurethane glue

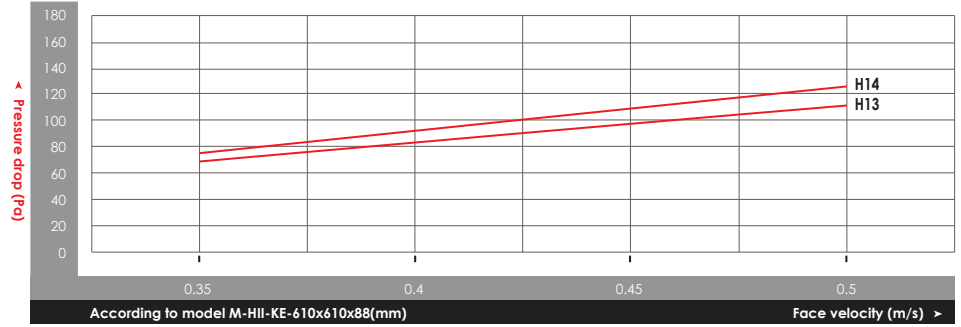


#### Separator

Material: Hot melt bead



### Graph Of Initial Pressure Drop Versus Face Velocity



### Product Specifications - Knife Edge Type

Nominal Dimension	Actual Dimension	Thickness	Air Flow	Initial Pressure Drop at 0.45m/s	
(foot)	(mm)	(mm)	(m³/h)	(Pa)	(Pa)
WxH	WxH			H13	H14
1x2	305x610	88	258	100	110
2x2	570x570		472	100	110
2x2	610x610		545	100	110
2.5x2	762x610		687	100	110
3x2	915x610		831	100	110
4x2	1170x570		1000	100	110
4X3	1170X870		1550	100	110
4x4	1170x1170		2100	100	110

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