

High Efficiency Particulate Mini-Pleated Air Filter (PAO Gel-Sealed Type)

M-HII-GS-PAO



HEPA / ULPA Filter

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
Thickness: 80mm, 100m (Top Gel); 93mm (Side Gel)



Media

Material: Ultrafine fiberglass



Efficiency (EN1822:2009)

H13, H14



Sealant

Material: Polyurethane glue

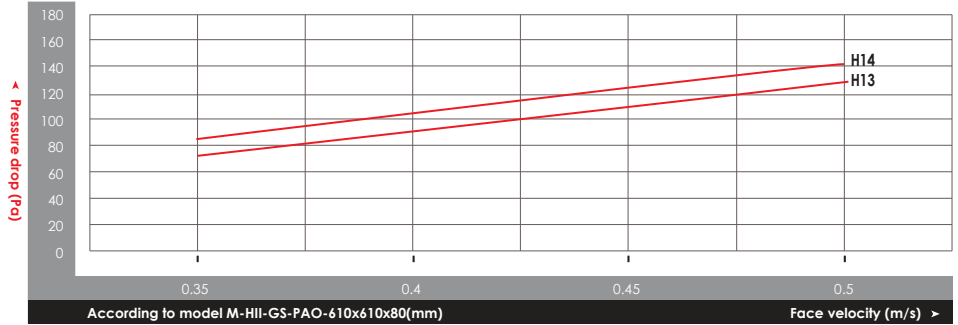


Separator

Material: Hot melt bead



Graph Of Initial Pressure Drop Versus Face Velocity



Product Specifications - Top Gel

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	80	258	110	125
2x2	570x570	80	472	110	125
2x2	610x610	80	545	110	125
2.5x2	762x610	80	687	110	125
3x2	915x610	80	831	110	125
4x2	1170x570	80	1000	110	125
1x2	305x610	100	258	91	103
2x2	570x570	100	472	91	103
2x2	610x610	100	545	91	103
2.5x2	762x610	100	687	91	103
3x2	915x610	100	831	91	103
4x2	1170x570	100	1000	91	103

Product Specifications - Side Gel

Nominal Dimension	Actual Dimension	External Dimension	Thickness	Air Flow	Initial Pressure Drop at 0.45m/s	
(foot)	(mm)	(mm)	(mm)	(m³/h)	(Pa)	(Pa)
WxH	WxH	(W+40)x(H+40)			H13	H14
1x2	305x610	345x650	93	258	91	103
2x2	570x570	610x610	93	472	91	103
2x2	610x610	650x650	93	545	91	103
2.5x2	762x610	802x650	93	687	91	103
3x2	915x610	955x650	93	831	91	103
4x2	1170x570	1210x610	93	1000	91	103

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