

Air Filters

HEPA MP GELSEAL

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EXCELAIR HEPA MP GELSEAL

MINI PLEAT CONSTRUCTION |
HEPA MP GELSEAL



Features & Benefits | HEPA MP Gelseal

- Excelair HEPA MP Gelseal Filter utilizes micro glass fiber paper media. Optional PTFE media available.
- Standard extruded aluminum (anodized) frame.
- Each filter is scan tested individually per EN 1822, ensuring a leak proof performance. Test results are affixed by label to each filter.
- Silicone based gelseal for enhanced leak free performance.
- Mini-pleat media pack ensures a large filtering area for maximum air flow, resulting in lower pressure drop, increasing filter lifetime.
- Room side access test port for aerosol upstream measurement, during in-situ HEPA testing.
- Optional room side adjustable damper port.
- Mounting Option: Excelair Termi Housing, Excelair Laminar Flow System etc.

Specifications | HEPA MP Gelseal

Type	Mini pleat construction – Gelseal type
Filter Grades (EN 1822)	E11 / H13 / H14
MPPS Efficiency	≥ 95% / ≥ 99.95% / ≥ 99.995%
DOP Efficiency @ 0.3μ	≥ 98% / ≥ 99.99% / 99.999%
Filter Media	Micro glass fiber paper media
Media Separator	Hot melt bead
Frame	Extruded Aluminum (anodized)
Face guard	Compressed Metal Mesh (powder coated)
Media Sealant	Two part Poly-Urethane
Gasket	Silicone Gel
Maximum Humidity	90%
Maximum Temperature	60 °C
Final Pressure Drop	2.00" wg (Recommended)

Applications | HEPA MP Gelseal

- Hospital
- Biomedical
- Pharmaceutical
- Biotechnology
- High tech Manufacturing
- Laboratories
- Food processing
- Universities
- Genetic Research
- Semiconductor Fabrication

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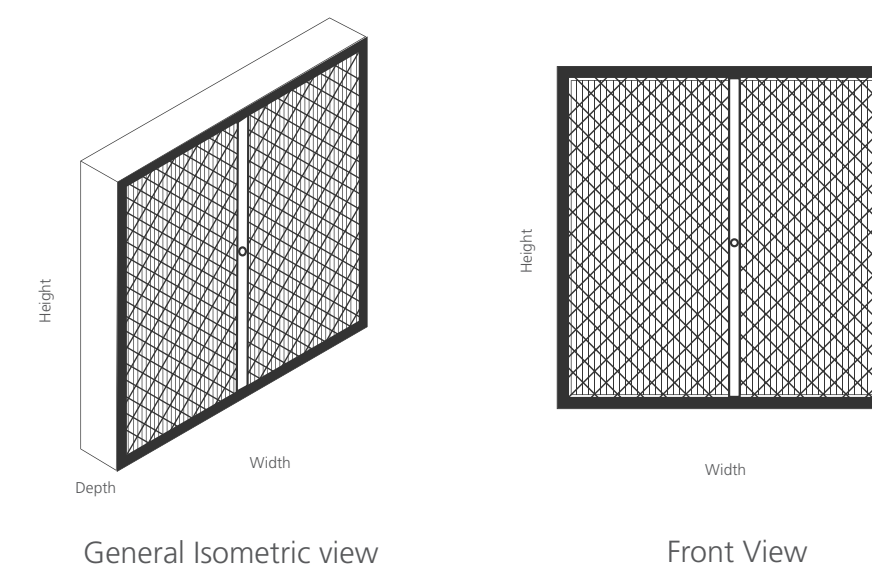
Selection Chart | HEPA MP Gelseal

Model Reference	Actual Dimensions (inches)			Filter Classification as per EN 1822	Airflow		Initial Pressure Drop (Inch W.G)	Media Area (Sq.ft)
	Width	Height	Depth		CFM	CMH		
EHGSL-12x12x3-H14	12.00	12.00	3.19	H14	100	170	0.49	27
EHGSL-12x24x3-H14	12.00	24.00	3.19	H14	200	340	0.49	53
EHGSL-24x24x3-H14	24.00	24.00	3.19	H14	400	680	0.49	104
EHGSL-30x24x3-H14	30.00	24.00	3.19	H14	500	850	0.49	130
EHGSL-36x24x3-H14	36.00	24.00	3.19	H14	600	1020	0.49	155
EHGSL-48x24x3-H14	48.00	24.00	3.19	H14	800	1360	0.49	207
EHGSL-60x24x3-H14	60.00	24.00	3.19	H14	1000	1700	0.49	258
EHGSL-72x24x3-H14	72.00	24.00	3.19	H14	1200	2040	0.49	309
EHGSL-12x12x3-H13	12.00	12.00	3.19	H13	100	170	0.44	27
EHGSL-12x24x3-H13	12.00	24.00	3.19	H13	200	340	0.44	53
EHGSL-24x24x3-H13	24.00	24.00	3.19	H13	400	680	0.44	104
EHGSL-30x24x3-H13	30.00	24.00	3.19	H13	500	850	0.44	130
EHGSL-36x24x3-H13	36.00	24.00	3.19	H13	600	1020	0.44	155
EHGSL-48x24x3-H13	48.00	24.00	3.19	H13	800	1360	0.44	207
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EHGSL-72x24x3-H13	72.00	24.00	3.19	H13	1200	2040	0.44	309
EHGSL-12x12x3-E11	12.00	12.00	3.19	E11	100	170	0.30	27
EHGSL-12x24x3-E11	12.00	24.00	3.19	E11	200	340	0.30	53
EHGSL-24x24x3-E11	24.00	24.00	3.19	E11	400	680	0.30	104
EHGSL-30x24x3-E11	30.00	24.00	3.19	E11	500	850	0.30	130
EHGSL-36x24x3-E11	36.00	24.00	3.19	E11	600	1020	0.30	155
EHGSL-48x24x3-E11	48.00	24.00	3.19	E11	800	1360	0.30	207
EHGSL-60x24x3-E11	60.00	24.00	3.19	E11	1000	1700	0.30	258
EHGSL-72x24x3-E11	72.00	24.00	3.19	E11	1200	2040	0.30	309

Model Ref.Numbering Scheme & Size Selection | HEPA MP Gelseal

EHGSL-48x24x3-H14

E : Excelair
 HGSL : HEPA Gelseal
 48x24x3 : Width x Height x Depth
 H14 : Grade



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