

HEPA HV



Air Filters

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EXCELAIR HEPA HV

MINI PLEAT V-BANK CONSTRUCTION | HEPA



Features & Benefits | HEPA HV

- Highest air volume Handling Capacity HEPA Filter.
- Excelair HEPA HV Filter utilizes micro glass fiber paper media in a mini-pleat v-bank construction. Treated / PTFE media as optional.
- Standard galvanized steel frame. Optional SS, Aluminum, ABS or MDF frame.
- Each filter is scan tested individually per EN 1822, ensuring a leak proof performance. Test results are affixed by label to each filter.
- Mini-pleat media design with V shaped configuration ensures a large media area for maximum air flow resulting in lower pressure drop and increased filter lifetime.
- Comes with side handles to assist filter change.
- Mounting options: Excelair Ducted HEPA Housing, Air Handling Units, Ecology Units etc.

Specifications | HEPA HV

Type	V-Bank mini pleat construction
Filter Grades (EN 1822)	E10 / E11 / E12 / H13 / H14
MPPS Efficiency	≥ 85% / ≥ 95% / ≥ 99.5% / ≥ 99.95% / ≥ 99.995%
Efficiency @ 0.3µm	≥ 95% / ≥ 98% / ≥ 99.97% / ≥ 99.99% / 99.999%
Filter Media	Micro glass fiber paper media
Media Separator	Hot melt bead
Frame	SS / GI / Al / MDF / ABS
Media Sealant	Two part Poly-Urethane
Gasket	Seamless PU / Neoprene
Maximum Temperature	80 °C / 176°F
Final Pressure Drop	2.00" wg (Recommended)
Fire Rating	UL Classified

Applications | HEPA HV

- Hospital
- Biomedical
- Biotechnology
- Pharmaceutical
- Universities
- Laboratories
- Food processing
- Genetic Research
- Hospitality Industry
- Semiconductor fabrication

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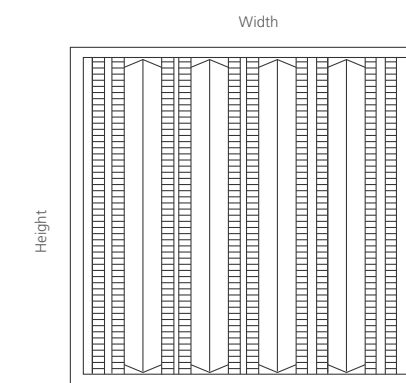
Selection Chart | HEPA HV

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		
EHV-12x24x12-H14	12.00	24.00	11.50	H14	1000	1700	1.20	172
EHV-24x12x12-H14	23.30	11.30	11.50	H14	880	1500	1.15	135
EHV-24x12x12-H14	24.00	12.00	11.50	H14	880	1500	1.10	145
EHV-24x24x12-H14	23.30	23.30	11.50	H14	1850	3150	1.15	280
EHV-24x24x12-H14	24.00	24.00	11.50	H14	1850	3150	1.10	291
EHVXL-24x24x12-H14	24.00	24.00	11.50	H14	2400	3400	1.15	440
EHV-12x24x12-H13	11.30	23.30	11.50	H13	1175	2000	1.20	167
EHV-12x24x12-H13	12.00	24.00	11.50	H13	1175	2000	1.15	172
EHV-24x12x12-H13	23.30	11.30	11.50	H13	1000	1700	1.15	135
EHV-24x12x12-H13	24.00	12.00	11.50	H13	1000	1700	1.05	145
EHV-24x24x12-H13	23.30	23.30	11.50	H13	2000	3400	1.15	280
EHV-24x24x12-H13	24.00	24.00	11.50	H13	2000	3400	1.05	291
EHVXL-24x24x12-H13	24.00	24.00	11.50	H13	2400	4000	1.15	440
EHV-12x24x12-H12	11.30	23.30	11.50	H12	1175	2000	1.20	167
EHV-12x24x12-H12	12.00	24.00	11.50	H12	1175	2000	1.15	172
EHV-24x24x12-H12	23.30	23.30	11.50	H12	2000	3400	1.15	280
EHV-24x24x12-H12	24.00	24.00	11.50	H12	2000	3400	1.05	291
EHVXL-24x24x12-H12	24.00	24.00	11.50	H12	2400	4000	1.15	440
EHV-12x24x12-E11	11.30	23.30	11.50	E11	1000	1700	0.57	167
EHV-12x24x12-E11	12.00	24.00	11.50	E11	1000	1700	0.55	172
EHV-24x24x12-E11	23.30	23.30	11.50	E11	1850	3150	0.57	280
EHVXL-24x24x12-E11	24.00	24.00	11.50	E11	2400	3400	0.55	440
EHV-12x24x12-E10	11.30	23.30	11.50	E10	1000	1700	0.57	167
EHV-12x24x12-E10	12.00	24.00	11.50	E10	1000	1700	0.55	172
EHV-24x24x12-E10	23.30	23.30	11.50	E10	1850	3150	0.57	280
EHVXL-24x24x12-E10	24.00	24.00	11.50	E10	2400	3400	0.55	440

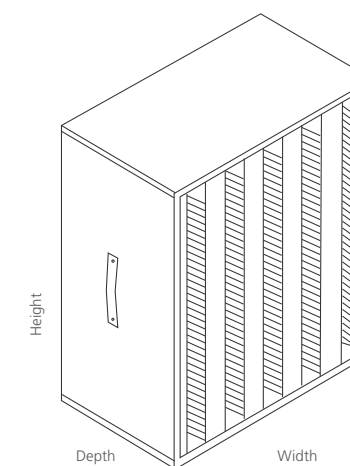
Model Ref. Numbering Scheme & Size Selection | HEPA HV

EHVXL-24x24x12-H13

- E : Excelair
- HV : HEPA HV
- XL : Higher Air Handling Capacity
- 24x24x12 : Width x Height x Depth
- H13 : Grade



Front View



General Isometric view



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