

HEPA Laminar Flow 68mm Depth

High efficiency particulate air panel filters for absolute air filtration. For use in controlled contamination areas in all types of environment.

Designed for the highest efficiency of air filtration the panels allow air to pass through micro-fine glass fibres, that form a paper-like surface, that traps impurities and removes them from the air circulation. HEPA filters are suitable for the pharmaceutical, food and electronic industries as well as medical and healthcare environments as they are designed to trap the smallest particles of dust and spores but also bacteria so they are ideal for clean rooms, neonatal incubators, medical laboratories and many more areas that require high quality, clean air.

TECHNICAL CHARACTERISTICS

- MEDIA - Glass fibre paper
- SEPARATORS - Hot melt glue
- FRAME - Anodized aluminium profile 68-115 mm deep or MDF wooden frame
- FACE GUARDS - Metal frame has epoxy painted expanded aluminium grids on both sides. Special Grid lock keeps the mesh away from the filter pack. Not fitted as standard to wooden frame, optional extra.
- SEALANT - Two components cold moulded polyurethane

EN1882 FILTRATION CLASS		
CLASS	Filters global efficiency % for MPPS particles	Local efficiency % for MPPS particles
H13	99.95%	99.75%
H14	99.995%	99.98%

Each filter Grade H13 and above is individually leak tested and issued with a serial number for full traceability.

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STANDARD SIZES & CAPACITIES

Size	Flow Rate m3/hr	Initial Pressure Drop (Pa)		Dimensions and Weight (mm)			
		0.45m/sec	H13	H14	Height	Width	Depth
12x12	151	110	120	305	305	68	2.5
18x18	338	110	120	457	457	68	3.5
12x24	301	110	120	610	305	68	4.0
18x24	452	110	120	457	610	68	4.7
18x12	226	110	120	457	605	68	3.0
22x22	481	110	120	545	545	68	5.0
22x44	1020	110	120	545	1155	68	10.0
24x24	603	110	120	610	610	68	7.0
24x36	903	110	120	610	914	68	10.0
24x48	1206	110	120	610	1220	68	12.0
24x60	1506	110	120	610	1524	68	16.5
24x72	1807	110	120	610	1829	68	19.0
30x12	377	110	120	762	305	68	5.5
30x24	753	110	120	762	610	68	9.0
30x30	941	110	120	762	762	68	10.0
30x36	1128	110	120	762	914	68	11.0
30x48	1505	110	120	762	1219	68	16.0
30x60	1881	110	120	762	1524	68	19.0
30x72	2258	110	120	762	1829	68	23.5
36x12	452	110	120	914	305	68	6.5
36x24	903	110	120	914	610	68	10.0
36x36	1353	110	120	914	914	68	14.5
36x48	1805	110	120	914	1219	68	19.0