

Product Data Sheet



The Lamair 68 HEPA filter E11 – U15

APPLICATIONS

This product is particularly suitable for clean benches, clean rooms, laminar flow ceilings etc. for use within the medicine, education, micro-electronics, pharmaceuticals and other industries requiring optimum levels of air filtration.

CONSTRUCTION

Highly efficient humidity and fire resistant micro-glass paper is pleated into mini-pleat packs with thermoplastic cord separators forming linear air channels. The rigid packs are then bonded and polymer sealed into an extruded anodised aluminium channel frame and fitted with white epoxy painted micro-drawn protective grids to both faces. The completed assembly is then fitted with a continuous elastomer gasket to ensure a perfect seal every time. On completion of production each cell is tested to ensure optimum performance. Packaging is in double wall protective cartons, internal face protection and a polythene bag.



- High Velocity HEPA filter
- Available in efficiencies E11 to U15
- Large range of standard sizes
- Low Resistance
- Long Life
- Light & easy to handle

Filter Reference	Rated velocity m/sec	Efficiency Rating (EN1822)	MPPS global efficiency	MPPS Local efficiency	Rated Final Resistance (Pa)
Lamair E11	0.45	E11 (H11)	≥ 95%	-	600
Lamair E12	0.45	E12 (H12)	≥ 99.50 %	-	600
Lamair H13	0.45	H13	≥ 99.95 %	99.75%	600
Lamair H14	0.45	H14	≥99.995 %	99.98%	600
Lamair U15	0.45	U15	≥99.9995 %	99.998%	600

Maximum Temperature: 80°C

Maximum Humidity 100% RH

Please note: In their continuous search for product improvement Westbury Filtration reserve the right to change materials and specifications without prior notice.

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Standard Sizes & Capacities



Description	Dimensions			Flow Rate m³/hr	Initial Pressure Drop (Pa)				
	Height (mm)	Width (mm)	Depth (mm)		Grade E11 (H11)	Grade E12 (H12)	Grade H13	Grade H14	Grade U15
Lamair 68 12x12	305	305	68	151	70	90	110	120	140
Lamair 68 18x18	457	457	68	338	70	90	110	120	140
Lamair 68 12x24	610	305	68	301	70	90	110	120	140
Lamair 68 18x24	457	610	68	452	70	90	110	120	140
Lamair 68 18x12	457	305	68	226	70	90	110	120	140
Lamair 68 22x22	545	545	68	481	70	90	110	120	140
Lamair 68 22x44	545	1155	68	1020	70	90	110	120	140
Lamair 68 24x24	610	610	68	603	70	90	110	120	140
Lamair 68 24x36	610	914	68	903	70	90	110	120	140
Lamair 68 24x48	610	1220	68	1206	70	90	110	120	140
Lamair 68 24x60	610	1524	68	1506	70	90	110	120	140
Lamair 68 24x72	610	1829	68	1807	70	90	110	120	140
Lamair 68 30x12	762	305	68	377	70	90	110	120	140
Lamair 68 30x24	762	610	68	753	70	90	110	120	140
Lamair 68 30x30	762	762	68	941	70	90	110	120	140
Lamair 68 30x36	762	914	68	1128	70	90	110	120	140
Lamair 68 30x48	762	1219	68	1505	70	90	110	120	140
Lamair 68 30x60	762	1524	68	1881	70	90	110	120	140
Lamair 68 30x72	762	1829	68	2258	70	90	110	120	140
Lamair 68 36x12	914	305	68	452	70	90	110	120	140
Lamair 68 36x24	914	610	68	903	70	90	110	120	140
Lamair 68 36x36	914	914	68	1353	70	90	110	120	140
Lamair 68 36x48	914	1219	68	1805	70	90	110	120	140
Lamair 68 36x60	914	1524	68	2257	70	90	110	120	140
Lamair 68 36x72	914	1829	68	2708	70	90	110	120	140

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