

## PRODUCT DATASHEET

### THE FP/LAMINAR HEPA & ULPA FILTERS: H10 – U15 TO EN1822

The FP/Laminar mini-pleat system is the modern solution to the most stringent of filter requirements, capable of delivering air for either turbulent or laminar flow conditions according to efficiency.

#### 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.



#### Applications

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

#### Range

The 'FP/Laminar Flow Hepa' is available in a large range of standard sizes and may be requested in MDF as a special item if required. Non-Standard sizes are also available upon application.

#### Performance

Typical performance characteristics for the 'FP/Laminar Flow Hepa' are as follows:-

Filter Reference	Dimensions HxWxD (mm)	Rated Capacity m3/hr	Efficiency Rating (EN 1822)	MPPS	Initial Resistance at RV (pa)	Rated Final Resistance (pa)
Lamair H10	610x610x68	1000	H10	85%	100	400
Lamair H14	610x610x68	600	H14	99.95%	120	400
Lamair U15	610x610x68	600	U15	999.95%	140	400

Maximum resistance: 600pa.

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.