

PRODUCT DATASHEET

THE FP/UHV ULTRA HIGH CAPACITY HEPA: H10 – H14 TO EN1822

Designed specifically for use in high efficiency high velocity applications the UHV High Capacity Hepa filter delivers ultra-clean air for use in numerous applications, including hospitals, laboratory and bio-hazard applications, process protection in micro-electronics, pharmaceutical, food etc.



Construction

Highly efficient humidity and fire resistant micro-glass paper is pleated into minipleat packs with thermoplastic cord separators forming linear air channels. The rigid packs are then bonded and polymer sealed in 'V' formation into a rigid galvanised or MDF case. 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. To ensure easy withdrawal from side accessed applications, a handle is rebated into the casing. Packaging is in outer double wall protective cartons, internal face protection and removal boards and polythene bag.

Applications

This product is particularly suitable for sensitive applications in all sectors of industry where high efficiency, long life and low resistance are required.

Range

The 'UHV' is available in a range of standard sizes, in Galvanised (G), MDF (M) or Stainless Steel (S). Non-Standard sizes are also available on application. Typical performance figures 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)
UHV-H10	610x610x292	4250	H10	85%	250	600
UHV-H12	610x610x292	4000	H12	99.5%	280	600
UHV-H13	610x610x292	4000	H13	99.95%	280	600
UHV-H14	610x610x292	3000	H14	99.995%	280	600

Maximum resistance: 1000pa.

Maximum Temperature: 100°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.