

PRODUCT DATASHEET

THE FP/DPH DEEP PLEATED HEPA FILTER - H10-H14 TO EN 1822

The FP/DPH HEPA Filter provides the solution to the requirement for low replacement cost HEPA Filtration using conventional construction methods. The product is suitable for use in turbulent HEPA filtration applications. The timber version being fully incinerable, this model is particularly suited for applications where this form of disposal of the spent filter is anticipated, including hospital, bacteriological, toxicological etc.



Construction

The product is manufactured using high quality micro-glass paper combined with corrugated aluminium safety edged separators. The filter pack is bonded into the filter to form an extended media surface area. The physical stability of the product is enhanced by its outer casing manufactured from either galvanised steel or MDF. The finished product is fitted with a continuous elastomer sealing gasket on the clean air side of the filter. On completion of production each cell is tested to ensure optimum performance. Packaging is in outer double wall protective cartons, internal face protection and removal boards and polythene bag.

Applications

The FP/DPH (Deep Pleat) is suitable for use where conventional air velocities are used.

Range

This product is available in a large range of standard sizes, please find below some typical values for our most popular items:

Reference	Dimensions			Construction	Rated Airflow (m3/hr)	Initial Pressure Drop (pa)
	Height (mm)	Width (mm)	Depth (mm)			
FP/DPH-13-242406W	610	610	150	MDF	850	250
FP/DPH-13-242412W	610	610	292	MDF	1700	250
FP/DPH-13-242406M	610	610	150	Galv Steel	850	250
FP/DPH-13-242412M	610	610	292	Galv Steel	1700	250

- Recommended Final Resistance: 500pa
- Maximum Resistance: 1000pa
- Maximum Humidity: 100%RH – Galv, 80%RH – MDF
- Max Operating Temperature: 100°C – Galv, 80°C – MDF

In order to retain their efficiency characteristics these filters must not exceed their rated airflow capacity.

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