

PRODUCT INFORMATION

PROSEP
FILTER SYSTEMS

DEEP PLEAT HEPA FILTER H10—H13



SPECIFICATIONS & OPTIONS

- H10 to H13 Rating
- MDF or Galvanised casing
- Kraft or aluminium spacers
- Extended area option
- Option 292 mm or 150mm deep
- Performance to EN1822

Applications

Normally used for final filtration applications in clean rooms, computer suites, asbestos removal areas, hospital operating theatres and any site requiring ultra clean conditions.

Construction

The filter media is a water repellent pleated micro-glass fibre paper, each pleat is separated either by a kraft paper or aluminium separator.

The completed pleat pack is then bonded into a frame which may be of high density particle board, galvanised mild steel, stainless steel or aluminium. Neoprene gaskets may be fitted to either or both filter faces.

By extending the surface area it is possible to increase the flow rate for a given size of filter. Approximately twice the flow rate may be achieved through the same size of HEPA filter by extending the surface area - this is accompanied by a slight increase in pressure drop.

Face grilles are available as an option.

Performance

Filter medias are DOP tested to guarantee the efficiency at retaining particles of a specific size (0.3 microns). Our HEPA filters are rated at the percentage efficiency of removing 0.3 micron particles and we offer ratings of between 95 and 99.997%.

All HEPA filters that we supply are 100% scanned for leak detection to ensure that the filters perform to the stated specification Test Certificates are available on request.

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for all your filter requirements