

Aero Bio HEPA - Deep Pleated Bio HEPA Filters

Aero Bio HEPA filters are deep pleated aluminium separator filters with efficiencies ranging from H10 to H11 grades. The filters are available in wood and metal constructions. Box type or flange type filters are available.

Filterfit models

Aero Bio HEPA

Deep pleated HEPA filters
 Available in H10 & H11 grades
 Metal or Wooden frame
 Single, Double or No Header versions



MEDIA FEATURES AND TECHNICAL DETAILS

Filter Media

AERO BIO HEPA filters are manufactured from continuous length superior quality micro glass fibre paper media available in various efficiency grades from H10 to H11. The filter media is moisture resistant and fire retardant. Anti-microbial treated papers are also available for special applications. The uniform and closed pleat filter pack grants a high crossing surface to hold the very fine dusts.

Filter Frames

The standard frame construction includes fire retardant Wood Particle Board, Galvanized steel and anodized aluminium.

Sealant & Gaskets

The pleated media pack is encapsulated into the filter frame utilizing a two part high density urethane elastomer. A flat profile neoprene gasket or a one-piece seamless urethane gasket is used to ensure a leak free seal to the filter housing.

Media Separators

In AERO BIO HEPA filters, the pleated media is evenly and accurately positioned by corrugated aluminium separators having hemmed edges to add strength and to protect the media pack.

Filter Testing

The finished filters undergo a thorough quality checking. They are scan tested individually to ensure a leak proof performance and each filter is labelled showing the scan test result. We have testing facilities as per EN 779 : 1822 Standard. Testing of filters can be done according to customer's request.

SELECTIONS CHART

Part Number	Efficiency	Size (mm)	Airflow L/S @ 150Pa	Construction
6-0051	H10	595 x 295 x 149	472	Galvanised Steel
6-0052	H10	595 x 595 x 149	944	Galvanised Steel
6-0053	H10	595 x 295 x 292	472	Galvanised Steel
6-0054	H10	595 x 595 x 292	944	Galvanised Steel
6-0051b	H11	595 x 295 x 149	444	Galvanised Steel
6-0052b	H11	595 x 595 x 149	897	Galvanised Steel
6-0053b	H11	595 x 295 x 292	444	Galvanised Steel
6-0054b	H11	595 x 595 x 292	897	Galvanised Steel

Final Pressure Drop - 625 Pa Maximum Operating Temperature / Humidity - 90 ° C / 90% Please contact factory for other sizes