

Aero HEPA LFA - Mini Pleated HEPA Filters

Aero HEPA LFA are box style filters with mini pleat separators. It is made from micro - fine fiberglass paper media and comes with metal or MDF frames. Filters are available in H12, H13, H14 and U15 efficiencies. Standard models comes in 69mm, 90mm, 120mm and 150mm frame depths.

Aerofil Models

Aero HEPA LFA

Mini Pleated box style filters
 Available in H12, H13, H14 and U15 grades
 Anodized Aluminium OR MDF frame
 Filters in 69mm, 90mm, 120mm and 150mm depth



MEDIA FEATURES AND TECHNICAL DETAILS

Filter Media

Aero HEPA LFA series filters are manufactured from continuous length superior quality micro glass fiber paper media available in various efficiency grades. 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 Mini-Pleat filters construction shall have extruded anodized aluminium profiles. Filters are provided with an expanded metal mesh face guards on downstream side or on both sides (optional).

Sealant & Gaskets

The pleated media pack is encapsulated into the filter frame utilizing a two part high density fire retardant 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. High temperature versions are manufactured with ceramic sealant and temperature resistant gasket.

A gel seal shall be provided to ensure the leak free filtration for laminarflow Mini-Pleat filters as per request.

Media Separators

The Mini-Pleat absolute filters Aero HEPA LFA series filters consist of closely pleated media, positively spaced using thermosetting beads. This type of pleat separation allows optimum media utilization and offers very low pressure drops .

Filter Testing

The finished filters undergoes a thorough quality checking .They are scan tested individually to ensure a leak proof performance and each filter posses the label showing the scan test result on it. We have testing facilities as per EN1822 and American Standard IEST-RP-CC001.3. Testing of filters can be done according to the customer's request.

Selection Chart ▼

Filter Sizes (mm)	Rated Airflow Capacity CMH & IPD @ 0.5 m/s				Filter Sizes (mm)	Rated Airflow Capacity CMH & IPD @ 0.5 m/s			
	H11-98%	H13-99.99%	H14-99.999%	U15-99.9995%		H11-98%	H13-99.99%	H14-99.999%	U15-99.9995%
305 x 610 x 69	340 / 100	340 / 120	340 / 124	340 / 170	305 x 610 x 120	680 / 55	340 / 70	340 / 75	340 / 105
610 x 610 x 69	680 / 100	680 / 120	680 / 124	680 / 170	610 x 610 x 120	1360 / 55	680 / 70	680 / 75	680 / 105
305 x 610 x 90	340 / 80	340 / 90	340 / 95	340 / 120	305 x 610 x 150	340 / 48	340 / 60	340 / 68	340 / 80
610 x 610 x 90	680 / 80	680 / 90	680 / 95	680 / 120	610 x 610 x 150	680 / 48	680 / 60	680 / 68	680 / 80

● Final Pressure Drop - 400 Pa ● Maximum Operating Temperature / Humidity - 90 ° C / 90% ● Contact factory for non-standard size information

All data are average indicative values with usual manufacturing and testing tolerances. We reserve the right to modify performance data without prior notices due to the constant technical improvement.

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