

Aero HEPA LFA - Mini Pleated HEPA Filters

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

Filterfit models

Aero HEPA LFA

Mini Pleated box style filters
Available in H13, H14 and U15 grades
Anodized Aluminium OR MDF frame
Filters in 69mm and 90mm 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. The Mini-Pleat Panel 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 laminar flow Mini-Pleat filters on request.

Media Separators

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 undergo a thorough quality checking. They are scan tested individually to ensure a leak proof performance and each filter possess a 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.

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SELECTIONS CHART

Part Number	Efficiency	Size (mm)	Airflow L/S @ 140Pa	Construction
6-0025	H13	610 x 610 x 69	188	Anodised Al & 2 face guards
6-0026	H13	610 x 915 x 69	283	Anodised Al & 2 face guards
6-0027	H13	610 x 1219 x 69	378	Anodised Al & 2 face guards
6-0028	H13	610 x 305 x 69	95	Anodised Al & 2 face guards
6-0029	H13	610 x 762 x 69	236	Anodised Al & 2 face guards
6-0030	H13	610 x 508 x 69	157	Anodised Al & 2 face guards
			Airflow L/S @ 155Pa	
6-0025a	H14	610 x 610 x 69	188	Anodised Al & 2 face guards
6-0026a	H14	610 x 915 x 69	283	Anodised Al & 2 face guards
6-0027a	H14	610 x 1219 x 69	378	Anodised Al & 2 face guards
6-0028a	H14	610 x 305 x 69	95	Anodised Al & 2 face guards
6-0029a	H14	610 x 762 x 69	236	Anodised Al & 2 face guards
6-0030a	H14	610 x 508 x 69	157	Anodised Al & 2 face guards
			Airflow L/S @ 125Pa	
6-0017	H13	610 x 610 x 90	188	Anodised Al & 2 face guards
6-0018	H13	610 x 915 x 90	283	Anodised Al & 2 face guards
6-0019	H13	610 x 1219 x 90	378	Anodised Al & 2 face guards
6-0020	H13	610 x 305 x 90	95	Anodised Al & 2 face guards
6-0021	H13	610 x 762 x 90	236	Anodised Al & 2 face guards
6-0022	H13	610 x 508 x 90	157	Anodised Al & 2 face guards
			Airflow L/S @ 135Pa	
6-0017a	H14	610 x 610 x 90	188	Anodised Al & 2 face guards
6-0018a	H14	610 x 915 x 90	283	Anodised Al & 2 face guards
6-0019a	H14	610 x 1219 x 90	378	Anodised Al & 2 face guards
6-0020a	H14	610 x 305 x 90	95	Anodised Al & 2 face guards
6-0021a	H14	610 x 762 x 90	236	Anodised Al & 2 face guards
6-0022a	H14	610 x 508 x 90	157	Anodised Al & 2 face guards

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

* Non-standard sizes are available on request