

Aero HEPA HC - Deep Pleated HEPA Filters

Aero HEPA HC is a deep-pleated box style filter with an aluminium separator. It is made from micro-fine fibreglass paper media and comes with metal frames. Filters are available in H13 and H14 efficiencies. Standard models comes in 150mm and 292mm frame depth. Filters are made in box style and in Double Turn Flange style. MDF frames are made in box construction only.

Filterfit models

Aero HEPA HC

Deep-pleated box-style filters
Available in H13 & H14 grades
Metal frame 150 mm and 292 mm depths



MEDIA FEATURES AND TECHNICAL DETAILS

Filter Media

Aero HEPA HC filters are manufactured from continuous length superior quality micro glass fibre 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 standard frame construction is galvanized steel. High temperature versions are constructed with stainless steel frames. Wooden frames are available on request.

Sealant & gaskets

The pleated media pack is encapsulated into the filter frame utilizing a two part high density re retardant urethane elastomer. A flat profile neoprene 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.

Media Separators

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

Installation


HEPA filters should be installed into purpose-built modules or permanent mounting frames incorporating clamps. This ensures that the filters gasket is compressed completely against the mounting frame. Once installed, filters should be tested by an authorised tester to ensure the filters integrity. It is recommended that a pre-filter be installed to prolong the HEPA filter life cycle.

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SELECTIONS CHART

Part Number	Efficiency	Size (mm)	Airflow L/S @ 250Pa	Construction
6-0054	H13	305 x 305 x 150	101	Galvanised Steel
6-0055	H13	305 x 610 x 150	201	Galvanised Steel
6-0056	H13	610 x 610 x 150	401	Galvanised Steel
6-0057	H13	610 x 762 x 150	496	Galvanised Steel
6-0058	H13	610 x 915 x 150	602	Galvanised Steel
6-0059	H13	610 x 1220 x 150	803	Galvanised Steel
6-0060	H13	305 x 305 x 292	201	Galvanised Steel
6-0062	H13	305 x 610 x 292	401	Galvanised Steel
6-0066	H13	610 x 610 x 292	803	Galvanised Steel
6-0068	H13	610 x 762 x 292	1002	Galvanised Steel
6-0070	H13	610 x 915 x 292	1204	Galvanised Steel
6-0071	H13	610 x 1220 x 292	1605	Galvanised Steel
6-0054a	H14	305 x 305 x 150	86	Galvanised Steel
6-0055a	H14	305 x 610 x 150	171	Galvanised Steel
6-0056a	H14	610 x 610 x 150	341	Galvanised Steel
6-0057a	H14	610 x 762 x 150	422	Galvanised Steel
6-0058a	H14	610 x 915 x 150	511	Galvanised Steel
6-0059a	H14	610 x 1220 x 150	682	Galvanised Steel
6-0060a	H14	305 x 305 x 292	170	Galvanised Steel
6-0062a	H14	305 x 610 x 292	340	Galvanised Steel
6-0066a	H14	610 x 610 x 292	682	Galvanised Steel
6-0068a	H14	610 x 762 x 292	851	Galvanised Steel
6-0070a	H14	610 x 915 x 292	1023	Galvanised Steel
6-0071a	H14	610 x 1220 x 292	1364	Galvanised Steel

* Non-standard sizes are available on request

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