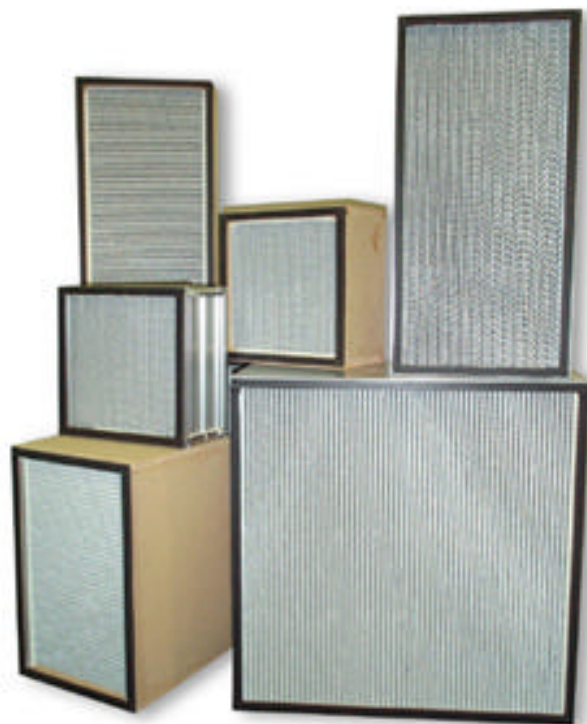


# Aerocell Hepa Filters



Ultrafine Microglass Paper Media

Standard and High Capacity (SC & HC)

Efficiency range 95% - 99.997%

Aluminium or Kraft spacers

Water Repellent Paper

Low Temperature Incinerable option

Non Standard Sizes available

Gasket, grid, handle variants available.

Steel, aluminium or wooden frame model

High Temperature Model option

## Applications

Our Hepa filters remove a broad range of airborne contaminants, including fine dust, smoke, soot, pollen and radioactive particles. HEPA filters are used in final filter applications including hospitals, electronics, nuclear, pharmaceuticals, laboratories, aerospace, food processing and optics. They can also be used for pre-filters for clean room environments and other critical applications for final HEPA/ULPA/SULPA filters.

We make filters to suit your specific requirements. We pride ourselves in being able to provide non standard HEPA filters whilst at the same time offering our clients the shortest possible deliveries.

## Construction

Our Aerocell range of Hepas is based on the industry standard of submicronic glass paper, pleated over aluminium or Kraft spacers. This basic concept retains a number of advantages over alternative designs in terms of initial and running costs, strength and dust holding capacity.

For temperatures up to 120°C wood cased or aluminium cased filters can be used.

For temperatures above 120°C use galvanised steel casings (up to 250°C).

For temperatures above 250°C use Stainless steel casings & silicone seal (up to 400°C).

6mm Neoprene Gasket is fitted on the clean air (downstream) side unless otherwise requested.

Hepa Size		Standard Capacity		High Capacity	
WxHxD mm	Nom Inches	M <sup>3</sup> /Hour	CFM	M <sup>3</sup> /Hour	CFM
305x305x149	12x12x6	200	120	340	200
305x305x292	12x12x12	400	240	680	400
610x610x149	24x24x12	850	500	1440	850
610x610x292	24x24x24	1700	1000	2880	1700

Initial resistance are 250 pa (Standard) 280 pa (High capacity).

Flow rates above these are permissible but efficiency will be affected.

**Phoenix Filters**

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