



Rectangular High Capacity Mini-pleat HEPA Inserts

M.C. Air Filtration provides a range of HEPA 'V' DC Double Capacity filters which have been developed to suit varying client, industry and regulatory requirements.

Materials of construction:

Case: 20mm thick MDF board
Zinc coated carbon steel or stainless steel

Media Grids: Polypropylene painted or stainless expanded steel protective grilles can be fitted to one or both faces if required

Handles: The filter case can be fitted with one or two carry handles

Media: Non-flammable, water repellent, microfibre glass paper with glass thread spacers

Form: Multiple mini-pleat filter packs arranged in a V configuration within the filter case

Bond: Filter packs are sealed into the case with a polyurethane sealant

Gasket: 19x6mm Polyethylene, neoprene or silicone sponge gasket can be applied to one or both faces

Applications include:

Air handling, terminal filtration, exhaust ventilation and process control.

Quality Control:

All M.C. Air Filtration products are designed, manufactured and tested under strict quality controlled conditions and in accordance with our BS EN ISO 9001:2008 accreditation. Each HEPA filter insert will be individually factory tested and issued with a unique serial number for future trace-ability.

Alternative sizes, specifications and materials of construction may be available.

Please contact this sales office to discuss your specific requirement and for further information on these products.

We reserve the right to change product specification without notice

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Industries include:

Pharmaceutical, biotechnology, research, electronics, hospital, decontamination, food, beverage military & nuclear.

We also manufacture:

HEPA-Flow standard capacity deep pleat filter inserts.

HEPA V Panel filters

High temperature HEPA filter suitable for use at temperatures up to 300°C.

Filters for Nuclear Applications

Technical Specification:		
	Low Grade	Standard Grade
Classification	HEPA	
Filter Grade	EU 10	EU13-14
Efficiency @ Rated Duty (BS3928)	95%	99.997 – 99.999%
Clean Resistance @ Rated Duty (+/- 10%)	100 Pascal +/- 10%	300 Pascal +/- 10%
Final Resistance	700 Pascal	
Max Temperature	90°C	
Max Humidity	90%	
Where required filters can also be leak tested with DOP aerosol and certified in accordance with EN1822		

Standard Size Range:				
Filter Size H x W x D (mm)	Rated Duty (m³/hr)		Filter Size H x W x D (mm)	Rated Duty (m³/hr)
380x380x203	650		305x610x292	1500
380x380x292	1040		610x610x292	3000
400x400x292	1200			
450x450x292	1530		762x610x292	3750
500x500x292	2000		915x610x292	4500