



Mini Cartridge HEPA Filters



M.C. Air Filtration manufactures an extensive range of HEPA filter inserts to meet the stringent requirements of the nuclear, pharmaceutical and biotech industries.

The mini cartridge HEPA filter range comprises of both open ended in bleed and in line cylindrical filter units manufactured with either a stainless steel or plastic body.

Typically these filters are used on process applications associated with the controlled ventilation of small enclosures such as glove boxes & isolators; other applications include drum & tank ventilation.

Product Specification:

Nominal size:	92mm Ø x 149mm long
Connection:	1" BSP male x 15, 20 or 35mm long
Construction:	316L Grade Stainless Steel, PVC or Polypropylene (110mm Ø)
Filter medium:	Non-flammable, water repellent, microfine glass paper with glass thread spacers formed into a cylindrical element with polyurethane end caps
Rated duty:	5 l/sec at an initial pressure drop of 175 /200 Pascal (open ended / in-line)
Filter grade / efficiency:	EU 14 / H14 99.997% against 0.3µm DOP aerosol
Max differential pressure:	675 Pascal
Max working temperature:	60°C Max working humidity 80%

Each Mini Cartridge HEPA filter is supplied with a plastic end caps fitted to both ends of the cartridge; these should be removed before installation and then fitted to the outgoing dirty filter cartridge before it's removal from the contained area.

Quality Control:

All M.C. Air Filtration HEPA filters are manufactured and tested under strict quality controlled conditions in accordance with our BS EN ISO 9001:2008 accreditation.

Each filter is individually factory tested and allocated with a unique serial number for future traceability.

Alternative sizes, specifications and materials of construction may be available; please contact our Sales office to discuss your specific requirements.



We reserve the right to change product specification without notice

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Performance of Mini Cartridge HEPA Filters

