

Respiratory Filters

Fairmont Medical have the full range of anti viral and bacterial filters to suit most respiratory applications.

Extensive range of filters compliant to ISO standards, offering a high level of clinical protection to neonate, paediatric and adult patients.

Deltastatic Filters

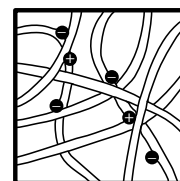
- Non-intrusive compact housing design
- Ensures patient comfort and safety
- Tethered CO₂ port cap
- Compact design offers optimal clinical convenience with reduced resistance to flow
- An economical choice for both long and short term use



Standard Deltastatic Right Angled Deltastatic Kompact Deltastatic

Electrostatic Filtration

The media used in our Deltastatic filter is electrostatically charged. This polypropylene based membrane media allows the filtration of particles down to 2 microns in diameter. Bacteria is positively or negatively charged, the fibres in the filter are electrostatically charged causing bacteria to be attracted to the fibres. This results in high filtration without resistance to flow, a major advantage over a mechanical pleated filter.



HME Filters

- Economical HME media choice enables compact design
- Cost effective in-line heat moisture exchange
- Tethered CO₂ port cap



Standard HME Right Angled HME Kompact HME Paediatric HME

HME Process

The Disposable Heat Moisture Exchange (HME) Anaesthetic Filters provide a mechanism for returning warm moist air back to the patient. Our hygroscopic coated media provides effective heat retention and moisture exchange, minimising patient moisture and heat loss.

Pleated Filters

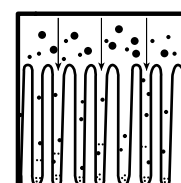
- Largest pleated filtration surface area
- Non-intrusive compact housing design
- Tethered CO₂ port cap
- Economical choice for long term use



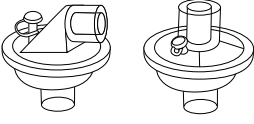
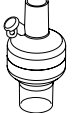
Standard Rectangular

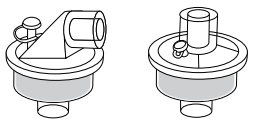
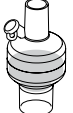

Mechanical Process

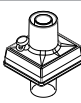

The media used in our Isopleat filters works by entrapping particles utilising a fine pleated mesh glass membrane. The pleated fibres offer a torturous path through the filter, allowing flow of gas while preventing particles passing through to the patient.



Respiratory Filters

Anaesthetic Filters - Deltastatic Filters - Sterile, Disposable							
Product	Product Code	Filtration Efficiency	Pressure Drop Over Flow	ISO Connectors	Weight	Deadspace	Box Qty
	DAF9200 (ANGLED)	BFE >99.999% VFE >99.99%	0.9cm H ₂ O at 30L/min	22M/15F 15M/22F	22.6g	31mL	80
	DAF9000						
Kompact							
	DAF9020 (Non-Sterile)	BFE >99.99% VFE >99.99%	2.2cm H ₂ O at 30L/min	22M/15F 15M	14g	29mL	100

Anaesthetic Filter - Deltastatic HME Filters - Sterile, Disposable							
Product	Product Code	Filtration Efficiency	Pressure Drop Over Flow	ISO Connectors	Weight	Deadspace	Box Qty
	DAF9205 (ANGLED)	BFE >99.999% VFE >99.99%	1.2cm H ₂ O at 30L/min	22M/15F 15M/22F	26.9g	30mL	80
	DAF9005						
Kompact							
	DAF9025 (Non-Sterile)	BFE >99.999% VFE >99.99%	2.4cm H ₂ O at 30L/min	22M/15F 15M	16.4g	25mL	100
	DAF9026 (Sterile)	BFE >99.999% VFE >99.99%	2.4cm H ₂ O at 30L/min	22M/15F 15M	16.4g	25mL	100
HME Cub							
	DAF9055	BFE >99.99% VFE >99.99%	1.0cm H ₂ O at 15L/min	15M/8.5M 15F	8.5g	14mL	80

Anaesthetic Filter - Isopleat Filters - Sterile, Disposable							
Product	Product Code	Filtration Efficiency	Pressure Drop Over Flow	ISO Connectors	Weight	Deadspace	Box Qty
	DAF9040	BFE >99.9999% VFE >99.99%	1.4cm H ₂ O at 30L/min	22M/15F 15M/22F	21.7g	35mL	80
	DAF9060	BFE >99.9999% VFE >99.9999%	1.0cm H ₂ O at 30L/min	22M/15F 15M/22F	31.7g	33mL	80

