GE Healthcare

HMEFs and Filters

HMEFs and Filters from GE Healthcare are tested and verified to function with GE Healthcare anesthesia machines. The products perform optimally with GE Healthcare anesthesia machine breathing systems when applicable.

FEATURES

- Variety of filter medias available providing a high degree of efficiency
- All HMEFs and Filters include Luer Port for easy gas sampling with tethered cap to eliminate risk of misplacement
- Lightweight designs reduces drag on breathing system
- Round ergonomic shape with no sharp edges reduces pressure marking
- 22M/15F connectors, complying with ISO 5356, providing universal connection

Our equipment. Our accessories. Simply compatible.

You can trust GE Healthcare accessories and consumables to keep your clinical devices working efficiently.

- Simplified ordering process
- Fast delivery
- One contact point for expert advice
- Quality support at every step

PRODUCT SPECIFICATIONS

	HMEF			HEPA	Bacterial Filter
	2106570-006 Neonatal HMEF	**2106570-009** Pediatric HMEF	**2106570-010** Adult HMEF	**2106570-008** Adult HEPA hydrophobic bacterial/viral filter	**2106570-007** Adult electrostatic bacterial/viral filter
Bacterial Filter Efficiency*	> 99.9%	> 99.99%	> 99.999%	> 99.99999%	> 99.999%
Viral Filter Efficiency*	> 99.99%	> 99.9%	> 99.99%	> 99.9999%	> 99.99%
Filtration Method	Electrostatic	Electrostatic	Electrostatic	Mechanical	Electrostatic
Humidification (1-24 hrs.)	27.2mg/L @ 250mL Vt	30.8mg/L @ 250mL Vt	31.2mg/L @ 500mL Vt	N/A	N/A
Resistance (@15L/min)	1.9cm H_2O	1.2cm H_2O	—	—	—
Resistance (@30L/min)	4.5cm H_2O	3.1cm H_2O	1.8cm H_2O	1.7cm H_2O	1.1cm H_2O
Dead Space	15mL	25mL	66mL	47mL	66mL
Recommended Tidal Volume (mL)	45mL - 250mL	75mL - 600mL	198mL - 1000mL	141mL - 1000mL	198mL - 1000mL
Weight	9g	25g	41g	43g	32g
Sampling Port	Yes	Yes	Yes	Yes	Yes

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** According to Nelson Labratories, Inc., Salt Lake City, USA*

HMEF OFFERINGS

HMEFs consist of a Heat & Moisture Exchange medium together with an electrostatic filter medium (HMEFs). HMEFs are used to protect patients from cross infection and to warm and humidify inspired gases. Filter media uses an electrostatic medium constructed of permanently charged bipolar rectangular split fibers to capture airborne particles. An HMEF is typically positioned at the patient end of the breathing system between the circuit Y-piece and the patient's airway.

PRODUCT SPECIFICATIONS

Material composition

Component	Material
Filter Housing	Polypropylene (PP)
Luer Port Tethered Cap	Polyvinyl Chloride (PVC)
HME	Paper HME
Internal Filter Pad	Polypropylene (PP) / Synthetic Fibre Blend
Luer Port	Polypropylene (PP), Silicone
Neonatal Filter Ring	Acrylonitrile Butadiene Styrene (ABS)
Neonatal Filter HME	Cellulose
Neonatal Filter	Electrostatic Filter, Polypropylene (PP)
Neonatal Filter Luer Cap	Polyethylene (PE)
Neonatal Filter Top	Polypropylene (PP)

Latex content

HME Breathing Filters do not contain natural rubber latex.

DEHP content

HME Breathing Filters do not contain phthalate DEHP.

Product use

Breathing System Filters are single-use devices for use on a single patient for up to 24 hours or in accordance with hospital policy. Please reference the product IFU for additional instructions.

Sterility

HME Breathing Filters are supplied non-sterile

PART LIST

Part Number	Description	Quantity
2106570-006	HMEF, neonatal, disposable	50
2106570-009	HMEF, pediatric, disposable	50
2106570-010	HMEF, adult, disposable	50

Storage

Store in a cool, dry place out of direct sunlight.

Shelf life

Shelf life of 5 years from the date of manufacture. This is based on the stability of the devices' components and raw materials sourced. Expiry date is clearly marked on individual product pouch.

Disposal considerations

Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.

Packaging materials

Primary	Polybag – Polyethylene (PE)
Secondary	Carton / Box – Cardboard

BACTERIAL/VIRAL FILTER OFFERINGS

Bacterial/Viral filters are intended to help prevent the transmission of bacteria and viruses and prevent cross infection to and from the patient during anesthesia or other types of ventilation. Filter medium is constructed of permanently charged bipolar rectangular split fibers which are able to capture airborne particles.

PRODUCT SPECIFICATIONS

Material composition

Component	Material
Filter Housing with Luer Park Port	Polypropylene (PP)
Internal Filter Pad	Polypropylene (PP) / Synthetic Fibre Blend
Luer Port Push Cap	Thermoplastic Vulcanizate (TPV)

Latex content

Bacterial/Viral Filters do not contain natural rubber latex.

DEHP content

Bacterial/Viral Filters do not contain phthalate DEHP.

Product use

Breathing System Filters are single-use devices for use on a single patient for up to 24 hours or in accordance with hospital policy. Please reference the product IFU for additional instructions.

Sterility

Bacterial/Viral Filters are supplied non-sterile.

Storage

Store in a cool, dry place out of direct sunlight.

Shelf life

Shelf life of 5 years from the date of manufacture.
This is based on the stability of the devices' components and raw materials sourced. Expiry date is clearly marked on individual product pouch.

PART LIST

Part Number	Description	Quantity
2106570-007	Adult bacterial viral filter + luer port	50

Disposal considerations

Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.

Packaging materials

Primary:	Polybag – Polyethylene (PE)
Secondary:	Carton / Box – Cardboard

HEPA BACTERIAL/VIRAL FILTER OFFERINGS

HEPA bacterial/viral filters are mechanical filters utilizing hydrophobic pleated paper filter media providing superior filtration and prevent the transmission of bacteria and viruses to and from a patient during anesthesia or other types of ventilation. The pleated filter media is specifically packed to maximize flow of gases through the filter casing to ensure that the surface area is fully utilized to enhance performance and reduce resistance to flow.

PART LIST

Part Number	Description	Quantity
2106570-008	HEPA filter, disposable	50

PRODUCT SPECIFICATIONS

Material composition

Component	Material
Pleated Paper Filter Top	Acrylonitrile Butadiene Styrene (ABS)
Internal Filter Insert	Hydrophobic Filter Insert
Luer Port Push Cap	Thermoplastic Vulcanizate (TPV)

Latex content

Hydrophobic Bacterial/Viral Filters do not contain natural rubber latex.

DEHP content

Hydrophobic Bacterial/Viral Filters do not contain phthalate DEHP.

Product use

Breathing System Filters are single-use devices for use on a single patient for up to 24 hours or in accordance with hospital policy. Please reference the product IFU for additional instructions.

Sterility

Hydrophobic Bacterial/Viral Filters are supplied non-sterile.

Storage

Store in a cool, dry place out of direct sunlight.

Shelf life

Shelf life of 5 years from the date of manufacture. This is based on the stability of the devices' components and raw materials sourced. Expiry date is clearly marked on individual product pouch.

Disposal considerations

Dispose as clinical waste, in accordance with hospital policy, local guidelines and regulations.

Packaging materials

Primary:	Polybag – Polyethylene (PE)
Secondary:	Carton / Box – Cardboard

Product may not be available in all countries and regions.
Contact a GE Healthcare Representative for more information.
Please visit www.gehealthcare.com

Distributed in Europe by:
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