vyaire™
MEDICAL

Airway Management
product catalogue

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Edith HMEs

Edith heat and moisture exchangers meet the HME requirements for adult and paediatric patients in operating theater, intensive care unit and other respiratory care environments. The Edith Trach was specially designed to support tracheostomized patients, allowing spontaneously breathing patients to benefit from heat and moisture conservation.

Cat. no.	Description	Qty.
557056200	HME EDITH 500	30/cs
557055200	HME EDITH 1000	30/cs
557057200	HME EDITH 1500	30/cs
557044500	HME EDITH 1500 with flex tube	25/cs
557085000	HME EDITH 1500 Memoflex tube	80/cs
557005000	HME EDITH TRACH	40/cs

Specifications

Caption ID	Cat. No.	Description	Tidal Volumes (mL)	Dead Space (mL)	Weight (g)	Moisture Output (mg H_2O/L) Measures at VT (mL)	Moisture Loss (mg H_2O/L) Measures at VT (mL)	Pressure Drop (kPa/cmH_2O) Measures at VT (mL)	Patient Connection (mm)	Machine Connection (mm)
A.	557056200	Edith 500 HME	70–500	17	6	32[1]/30[1] 250/500	5.5[1]/7.5[1] 250/500	0.08/0.8[1] (30 L/min) 0.2/2.01[1] (60 L/min)	15M/15F	15F
B.	557055200	Edith 1000 HME	110–1000	28	8	30[1]/29[1] 750/1000	7.5[1]/8.5[1] 750/1000	0.01/1.0[1] (30 L/min) 0.25/2.5[1] (60 L/min)	15M/15F	15F
C.	557057200	Edith 1500 HME	150–1500	38	9	31.5[1]/30.5[1] 750/1000	6.0[1]/7.0[1] 750/1000	0.01/1.0[1] (30 L/min) 0.25/2.5[1] (60 L/min)	15M/15F	15F
D.	557044500	Edith 1500 Flex	150–1500	90	20	33.5[1]/32.5[1] 750/1000	4.0[1]/5.0[1] 750/1000	0.05/1.5[1] (30 L/min) 0.14/1.4[1] (60 L/min)	15F	22F
E.	557085000	Edith 1500 Memoflex	150–1500	90	20	33.5[1]/32.5[1] 750/1000	4.0[1]/5.0[1] 750/1000	0.05/1.5[1] (30 L/min) 0.14/1.4[1] (60 L/min)	15F	22F
F.	557005000	Edith Trach	60–1000	16	6	24[2] 500	13.5[2] 500	0.02/2.2[1] (60 L/min)	15F	n/a

Change frequency: 24 hours

[1] Measured according to standard EN ISO 9360-1:2009

[2] Moisture loss is determined using dry gas (not room air).

A. 557056200 HME   B. 557055200 HME   C. 557057200 HME   D. 557044500 HME   E. 557085000 HME   F. 557005000 Trach HME

Air*Life* HMEF's (formerly Vital Signs)

AirLife HMEF's

Air*Life* heat and moisture exchangers with filters (HMEFs) meet filtration requirements for adult and paediatric applications in the operating room, intensive care unit and other respiratory care environments.

Caption ID	Cat. No.	Description	Qty.
A.	557070100	HMEF 1000/S with gas sampling port	50
B.	557070500	HMEF 500 with gas sampling port	40
C.	M1004132	HMEF 750/S with gas sampling port	50
D.	M1010534	HMEF 1000/S with gas sampling port and angled connection	50
E.	M1010538	HMEF 750/S with gas sampling port and angled connection	50
F.	M1038637	HMEF 1000	50
G.	M1038639	HMEF 750	50
H.	8004231	HMEF Mini	50
HMEF's with Flex			
n/a	557019500	HMEF 1000 with flex tube and swivel	30
n/a	557070700	HMEF 500 with flex tube and gas sampling port	60
I.	557071500	HMEF 1000 with flex tube and gas sampling port	30
n/a	557071600	HMEF 1000 with flex tube	30
n/a	557085500	HMEF 1000 with Memoflex tube	40
J.	M1005260	HMEF 750 with Memoflex tube	50

Caption ID	Cat. No.	Tidal Volume (mL)	Dead Space (mL)	Weight (g)	Moisture Output (mg H_2O/L) Measures at VT (mL)	Moisture Loss (mg H_2O/L) Measures at VT (mL)	Pressure Drop (kPa/cmH_2O) Measures at VT (mL)		Gas Sampling Port	Patient Connection (mm)	Machine Connection (mm)	Filtration Efficiency Bacterial/Viral (%)
A.	557070100	300–1000	77	24	33/32/30 500/750/1000	4.5/5.5/7.5 500/750/1000	0.10 (1.0) (2.3)	0.23	•	15M/22M	15M/22F	99.9999/99.99
B.	557070500	120–500	30	15	31/30 250/500	6.5/7.5 250/500	0.15 (1.5) (3.3)	0.33		15F/22M	15M/22F	99.9999/99.98
C.	M1004132	120–750	34	17	32/30/27 250/500/750	5.5/7.5/10.5 250/500/750	0.09 (0.9) (2.2)	0.22	•	15M/22M	15M/22F	99.9999/99.98
D.	M1010534	300–1000	77	24	33/32/30 500/750/1000	4.5/5.5/7.5 500/750/1000	0.10 (1.0) (2.3)	0.23	•	15M/22M	15M/22F	99.9999/99.99
E.	M1010538	120–750	34	17	32/30/27 250/500/750	5.5/7.5/10.5 250/500/750	0.09 (0.9) (2.2)	0.22	•	15M/22M	15M/22F	99.9999/99.98
F.	M1038637	300–1000	77	24	33/32/30 500/750/1000	4.5/5.5/7.5 500/750/1000	0.10 (1.0) (2.3)	0.23		15M/22M	15M/22F	99.9999/99.99
G.	M1038639	120–750	34	17	32/30/27 250/500/750	5.5/7.5/10.5 250/500/750	0.09 (0.9) (2.2)	0.22		15M/22M	15M/22F	99.9999/99.98
H.	8004231	60–500	21	14	31/27 250/500	6.5/10.5 250/500	0.14 (1.4) (3.2)	0.32		15F/22M	15M/22F	99.9999/99.98
HMEF's with Flex												
n/a	557019500	300–1000			33/32/30 500/750/1000	4.5/5.5/7.5 500/750/1000	0.10 (1.0) (2.3)	0.23				99.9999/99.99
n/a	557070700	120–500			31/30 250/500	6.5/7.5 250/500	0.15 (1.5) (3.3)	0.33				99.9999/99.98
I.	557071500	300–1000			33/32/30 500/750/1000	4.5/5.5/7.5 500/750/1000	0.10 (1.0) (2.3)	0.23	•			99.9999/99.99
n/a	557071600	300–1000			33/32/30 500/750/1000	4.5/5.5/7.5 500/750/1000	0.10 (1.0) (2.3)	0.23				99.9999/99.99
n/a	557085500	300–1000			33/32/30 500/750/1000	4.5/5.5/7.5 500/750/1000	0.10 (1.0) (2.3)	0.23				99.9999/99.99
J.	M1005260	120–750			31/30 250/500	6.5/7.5 250/500	0.15 (1.5) (3.3)	0.33				99.9999/99.98

Change frequency: 24 hours

A. 557070100 HMEF

B. 557070500 HMEF

C. M1004132 HMEF

D. M1010534 HMEF and E. M1010538 HMEF

F. M1038637 HMEF

G. M1038639 HMEF

H. 8004231 HMEF

I. 557071500 HMEF

J. M1005260 HMEF

Uni-Filters

Disposable bacterial/viral filters provide highly efficient protection against various types of microorganisms present in breathing circuits. These filters reduce the transfer of bacteria and viruses among patients, personnel and equipment. Uni-Filters use electrostatic means to capture harmful submicron particles, while its hydrophobic membranes repel humidity from the filter medium. The transparent housing allows visualization of humidity or secretions within filter.

Cat No	Description	Qty
557021200	Uni-Filter	45/cs
557022500	Uni-Filter with gas sampling port	60/cs
M1003346	Uni-Filter Junior	50/cs
M1003345	Mini-Filter with gas sampling port	50/cs
8570230	Uni-Filter with gas sampling port and Memoflex tube	50/cs

Specifications

Caption ID	Cat. No.	Dead Space (mL)	Weight (g)	Pressure Drop[2] (kPa/cmH$_2$O) @ 30Lpm	Pressure Drop[2] (kPa/cmH$_2$O) @ 60Lpm	Gas Sampling Port	Patient Connection (mm)	Machine Connection (mm)	Filtration Efficiency[1] Bacterial/Viral (%)
A.	557021200	60	27	0.04/0.4	0.08/0.8	n/a	15F/22M	22F	99.98/99.9
B.	557022500	35	16	0.07/0.7	0.19/1.9	luer	15F/22M	15M/22F	99.9999/99.999
C.	M1003346	35	16	0.08/0.8	0.22/2.2	n/a	15F/22M	15M/22F	99.9999/99.999
D.	M1003345	22	14	0.14/1.4	0.32/3.2	luer	15F/22M	15M/22F	99.9999/99.999
n/a	8570230			0.07/0.7	0.19/1.9	luer	15F/22M	15F	99.9999/99.999

[1] Measured by the method of Nelson Laboratories, Inc., USA. Records on file

[2] Measured according to standard EN ISO 9360-1:2009

Storage temperature: -30°C / -22°F to +40°C / +104°F. Shelf life: maximum 2 years. Expiration date printed on packaging.

A. 557021200 Uni-Filter

B. 557022500 Uni-Filter

C. M1003346 Uni-Filter

D. M1003345 Mini-Filter

Technical Data Sheet
AirlifeTM Edith HME's & Edith Trach

Product Codes and Product Description	557044500 AirLife™ EdithFlex HME with Integrated Flexible Tube, Disposable 557085000 AirLife™ Edith 1500 HME with Memoflex, Disposable 557057200 AirLife™ Edith 1500 HME, Disposable 557055200 AirLife™ Edith 1000 HME, Disposable 557056200 AirLife™ Edith 500 HME, Disposable 557005000 AirLife™ EdithTrach HME for Spontaneously Breathing Patients, Disposable
General Product Description	Heat and moisture exchangers (HME) are used for transferring heat and humidity from the gas expired by the patient to the the inspired gases. HMEs help create normal conditions in the patient's airways and lungs, reducing the risk of breathing complications. Edith HMEs are intended for artificially ventilated patients during intensive care or anesthesia. They are placed between the proximal end of the artificial airway and the Y-piece of the breathing circuit. An HME with an integrated flexible tube is also provided. The HMEs are disposable devices. The EdithTrach is a heat and moisture exchanger that is used for patients who are breathing spontaneously through a tracheostomy tube. EdithTrach is connected to the tracheostomy tube. EdithTrach is a disposable device. *The Edith Range*
Pack factor	557044500 - 25 557085000 - 80 557057200 - 30 557055200 - 30 557056200 - 30 557005000 - 75
EAN/GTIN	557044500 EA 10885403286148 557055200 EA 10885403287008 557044500 PAK 70885403286140 557055200 PAK 70885403287000 557085000 EA 10885403255786 557056200 EA 10885403287015 557085000 PAK 70885403255788 557056200 PAK 70885403287017 557057200 EA 10885403287121 557070500 EA 10885403284144 557057200 PAK 70885403287123 557070500 PAK 70885403284146
Intended Use	The Edith HMEs shall be used to humidify patients that are artificially ventilated during intensive care or anesthesia.

	EdithTrach is a single use heat and moisture exchanger which transfers heat and humidity from the gas expired by the patient to the inspired gases. EdithTrach is intended for use on patients who are breathing spontaneously through a tracheostomy tube.
Instructions for Use	Please refer to the Instructions for Use (IFU)
Characteristics	**557044500, 557085000, 557057200, 557055200, 557056200**: These are single use only, disposable devices intended for artificially ventilated patients and are indicated for use by qualified medical personnel only. **557005000:** These are single use only, disposable devices intended for intended for use on patients who are breathing spontaneously through a tracheostomy tube and are indicated for use by qualified medical personnel only.
Compatibility	Humidification and filtration products have a commonly used 15mm/22mm ISO 5356-1 standard ports. They may be connected to standard breathing circuits.
Shelf Life	Shelf life for all products is three years. Expiration date is printed on the product labelling.
Regulation	The passive humidification and filtration products are class IIa by rule 2, short term, non-invasive, and non-active.
Biocompatibility	All materials are biocompatible, meeting skin irritation and sensitization requirements documents: DOC1591547, DOC1719953
Materials	**557044500:** EVATANE 1005 VN4 or equivalent, GRANULAT FLEX(551100600), BICOMPONENT FIBER PE/PP, BICOMPONENT FIBER PP/PE, polypropylene/polyethylene, polypropylene/polyethylene, Litiumchloride, KLORHEXIDINGLUKONAT **557085000:** Clarified random polypropylene copolymer resin, PP RB307MO, Bicomponent Fiber PP/PE, Bicomponent Fiber PP/PE, Bicomponent Fiber PP/PE, polypropylene/polyethylene, Litiumchloride, KLORHEXIDINGLUKONAT **557057200:** POLYPROPYLENE RB307MO or equivalent, Bicomponent fiber PP/PE, BICOMPONENT FIBER PP/PE, polypropylene/polyethylene, polypropylene/polyethylene, Litiumchloride, KLORHEXIDINGLUKONAT **557055200:** Bicomponent fiber PP/PE, Bicomponent fiber of Polypropylene (core) with Polyethylene (cover), polypropylene/polyethylene, Litiumchloride, Litiumchloride, KLORHEXIDINGLUKONAT, POLYPROPYLENE RB307MO **557056200:** POLYPROPYLENE RB307MO or equivalent, Bicomponent fiber PP/PE, BICOMPONENT FIBER PP/PE, polypropylene/polyethylene, polypropylene/polyethylene, Litiumchloride, KLORHEXIDINGLUKONAT **557005000:** PP, Borealis RF 825 P, Polylefin thermoplastic, Shore A85, Polyurethane, Calciumchloride
Storage	There are no special storage conditions or handling requirements. Packaging for non-sterile devices is intended to protect the product from dust and does not provide a sterile barrier.
GMDN Code	35530 Heat/moisture exchanger, single-use

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M E D I C A L

Disposal	Dispose of in accordance with national and local authority regulations.
Does it contain PVC, DEHP and/or Latex	PVC Free, Latex Free, BPA Free, DEHP Free
Country of Origin	China
Legal Manufacturer	Vyaire Medical Finland 320 Oy, Kuortaneenkatu 2, FI-00510 Helsinki, Finland

GLOBAL HEADQUARTERS

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