AEROvent®

Device Protection | Filters Bacterial and Viral Filters | Ventilation Filters

Medical Filters
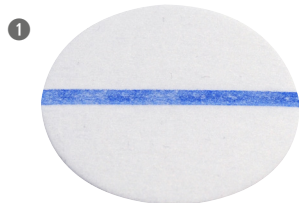
Safety through medical filter systems

HUM

Systems for Life®

AEROvent® - Device Protection Filters | Suction Devices

Bacterial and viral filters for suction devices, reliable protection against contaminated air and penetration of liquids into the device interior.

- Hydrophobic PTFE membrane ❶
- High performance
- Combined or conical connections

- Suitable for "high flow" applications ❹
- Individually packed

Filtration efficiency: Bacteria | Viruses 99.9999%

❶

Suitable for Atmos suction devices

❷ ❸ ❹

Max. Flow	Housing Ø	Connections both sides	Item No.
-	55 mm	-	❶ HAF01-M55
30 l/min	65 mm	5 - 9.8 mm, combined	❷ HAF01-K
40 l/min	65 mm	11 mm, conical	❸ HAF02-K
60 l/min	90 mm	11 mm, conical	❹ HAF02-K-HF

AEROvent® - Device Protection Filter | Ventilators and Ultrasonic Nebulizers

Electrostatic, bi-directional bacterial and viral filter for contamination protection of ventilators and ultrasonic nebulizers.

- Transparent housing made of styrene butadiene copolymer (SBC)
- ISO connections
- Individually packed

Min. Filtration efficiency at 30 l/min: Bacteria 99.99% | Viruses 99.9%

Resistance	Max.	Internal volume	ISO connections	Weight	Item No.
0.6259 mbar at 30 l/min 1.3805 mbar at 60 l/min	87 ml	22F - 22M	approx. 23 g	HBF01-BFMG

AEROvent® - Device Protection Filter | Spirometers

Electrostatic, bidirectional bacterial and viral filter for reliable device protection and to avoid cross contamination.

- Integral mouthpiece
- Housing made of polypropylene homopolymer (PP-H)
- Individually packed

Filtration efficiency: Bacteria 99.99999% | Viruses 99.998%

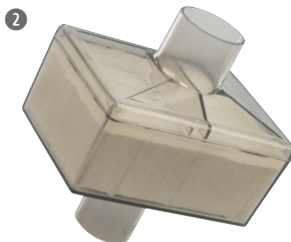| Resistance Ø | Max. | Internal volume | Connections machine side | Weight | Item No. |
|---|---|---|---|---|
| 0.25 mbar | 0.29 mbar at 30 l/min 0.51 mbar | 0.59 mbar at 60 l/min | 80 ml | 34 mm AD, 29.25 mm ID | approx. 37 g | HSF01-SGM |

AEROvent® - Device Protection Filters | Oxygen Concentrators (HEPA Filters)

Mechanical intake filters / HEPA filters (High Efficiency Particulate Air Filters) for almost all common oxygen concentrators.

- High or outstanding ❹ flow capacity
- Low resistance
- High effectiveness against particles
- Individually packed

Filtration efficiency: Bacteria | Viruses 99.9999 %   Filtration efficiency: Bacteria | Viruses 99.999+ %

Long-Life filter
Lifetime up to 2 years

Filtration efficiency: Bacteria | Viruses 99.99+ %   Filtration efficiency: Bacteria | Viruses 99.999 %

NEW PRODUCT

Filter for Invacare® - Oxygen Concentrators
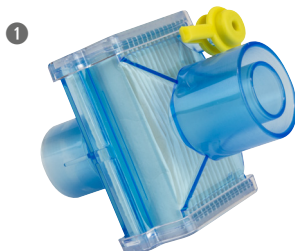Platinum™ 5, Platinum™ 10, Mobilaire™, Perfecto2™

Filter for EverFlo Oxygen Concentrator
Respironics

Resistance	Connections	Item No.
1.40 mbar at 30 l/min I Ø	22M - 22F (ISO)	❶ HGF01-INTAKE
< 0.32 mbar at 10 l/min	22M - 22F (ISO)	❷ HGF11-INTAKE
< 9.90 mbar at 47 l/min	22M (ISO)	❸ HGF02-INTAKE
Approx. 1.314 mbar at 10 l/min	22M OD - 3/8" FNPT	❹ HGF12-INTAKE-I
< 1.27 mbar at 10 l/min	12.72 mm	❺ HGF02-INTAKE-R-EF

Device Protection Filters Pall | Oxygen Concentrators

Mechanical intake filters Pall BB25 and BB50, with folded hydrophobic membrane, transparent housing, individually packed.

Filtration efficiency: Bacteria | Viruses 99.999+ %

Resistance	Connections		Item No.
	Patient side	Machine side	
Approx. 3.43 mbar at 60 l/min	15 mm ID, 22 mm OD	15 mm OD, 22 mm ID	❶ HGF01-25
Approx. 1.96 mbar at 60 l/min	22 mm OD	22 mm ID	❷ HGF01-50

AEROvent® - Final Bacteria Filters | Oxygen Concentrators

Final bacteria filter for almost all common oxygen concentrators, with conical connections, housing made of polypropylene, individually packed.

Filtration efficiency: Bacteria 99.999+ | Viruses 99.99+ %

Filtration efficiency: Bacteria | Viruses 99.999+

Connections both sides	Item No.
3 - 6 mm	❶ HBAF01-K
4.76 - 6.35 mm	❷ HBAF02-K

AEROvent® - Bacterial and Viral Filters with HME | Ventilation Filters

Electrostatic bacterial and viral filters with heat and moisture exchanger (HME) for filtration as well as heating and humidification of the respiratory air. With translucent housing for good moisture control.

- Hydrophobic / Hygroscopic
- Optimal humidification and filtration performance
- With Luer-Lock port for CO_2 measurement
- For adults ❶ and neonates 3 - 8 kg ❷

Filtration efficiency: Bacteria | Viruses 99.999 %

Filtration efficiency: Bacteria 99.998 % | Viruses 99.976 %

Tidal volume (VT)	Moisture output	Resistance	ISO connections	Internal volume	Weight	Item No.
150 - 1500 ml	31 mg H_2O/l at VT 500 ml	1.1 mbar at 30 l/min	22M / 15F - 22F / 15M	55 ml	27 g	❶ HBF02-HFLS
> 35 ml	28.9 mg H_2O/l at VT 250 ml	0.83 mbar at 7.5 l/min	15F - 15M / 8.5M	11 ml	11 g	❷ HBF01-HFLN

AEROvent® - Bacterial and Viral Filters "Slimline" | Ventilation Filters

Electrostatic bacterial and viral filters for use in ventilation tubing systems for anesthesia and intensive care. Translucent housing for easy visualisation of potential blockages, individually packed.

- Slim and light-weight design - low tensile forces on patient connection
- Very low internal volume minimises risk of CO_2 rebreathing
- Independently tested, high efficiency filtration performance
- With or without Luer-Lock port for CO_2 measurement

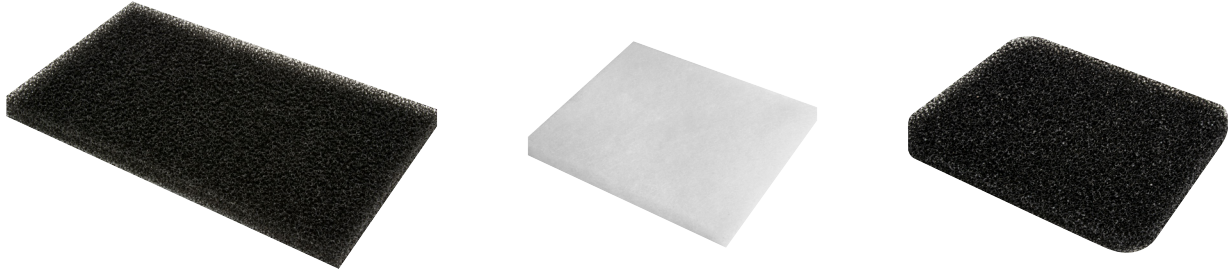Filtration efficiency: Bacteria 99.99995 % | Viruses 99.99985 %

Resistance Ø	Max.	Internal volume	Weight	Luer-Lock	Item No.
0.775 mbar	0.9 mbar at 30 l/min	32 ml	approx. 25 g	yes	❶ HBF01-BFLS
				no	❷ HBF01-BFS

AEROvent® - Fine and Foam Device Filters | Oxygen Concentrators

Fine and foam filters for oxygen concentrators from various manufacturers, for the filtration of particles from the ambient air aspirated by the device.
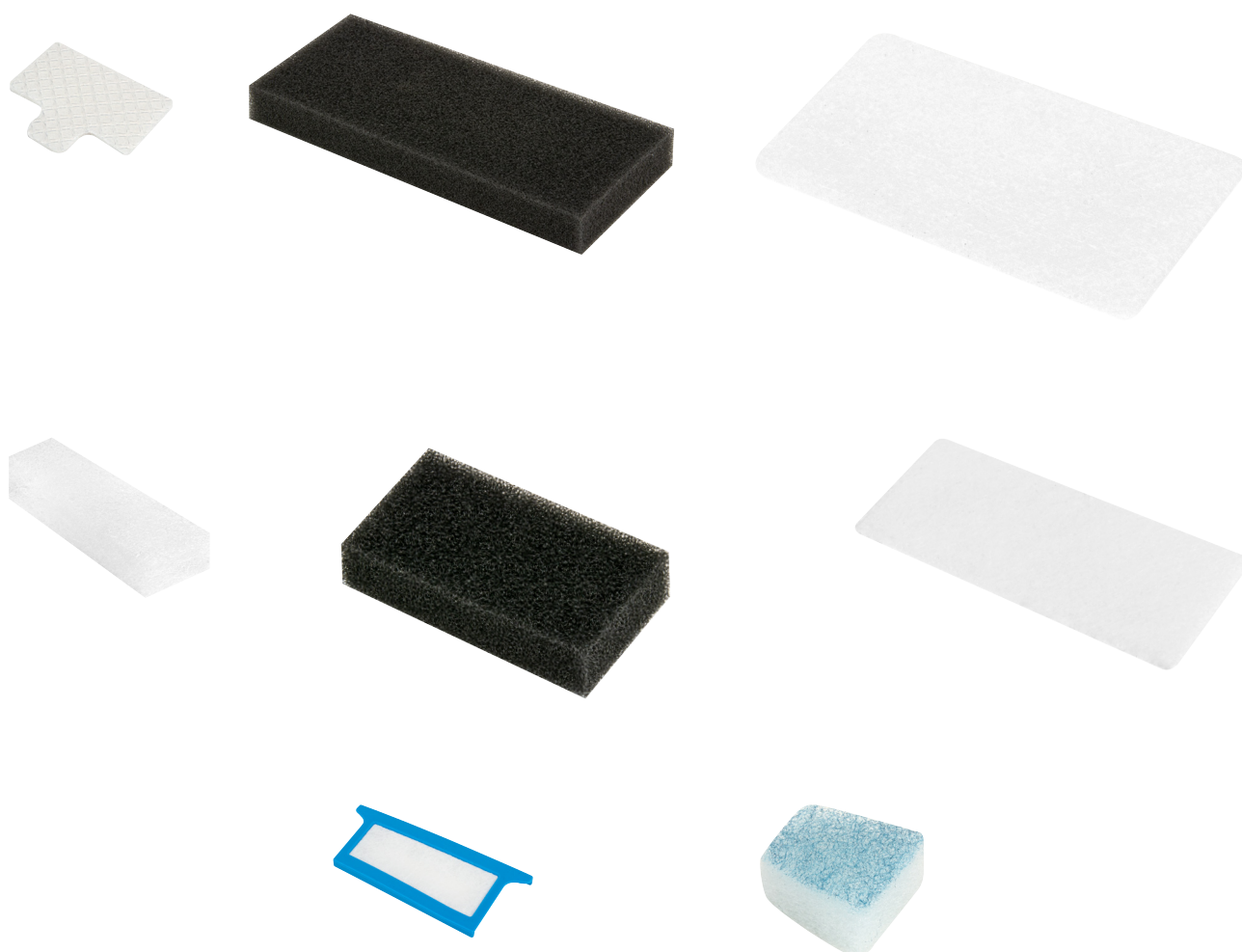
Foam filters

Felt discs and Silencers

HGF01-SD-22M*   HGF01-SD**

* Silencer, plastic
** Silencer, foam filter attachment

AEROvent® - Filter Overview | Oxygen Concentrators

Manufacturer	Device	Item No.			
		Foam filter	Felt disc / Silencer	Intake Filter	Final bacteria filter
Air Sep	NewLife	Oxybox 6005	HGF01-A		-	HBAF01-K
DeVilbiss	Compact 5	HGF02-D		HGF01-INTAKE	HBAF01-K
				HGF11-INTAKE	
				HGF02-INTAKE	
	Compact 505, 515, 525	HGF04-D		HGF02-INTAKE	
	MC29, MC44	-		HGF01-INTAKE	
Invacare	Mobilaire 5 SensO$_2$	-		HGF01-INTAKE	HBAF01-K
				HGF02-INTAKE	
	Perfecto2	HGF03-I		HGF01-INTAKE	HBAF01-K
				HGF02-INTAKE	
	Platinum S Platinum 9	HGF02-I		HGF01-INTAKE	HBAF01-K
				HGF02-INTAKE	
Kröber	aeroplus 6	-		HGF01-INTAKE	HBAF01-K
	Kröber O2-4.0	HGF02-K2			
Medicap	Précise 6000	RC5	-		HGF01-25	HBAF01-K
Philips Respironics	Everflo	HGF01-R-EF		HGF02-INTAKE-R-EF	HBAF01-K
	Millenium M5	-	HGF01-SD**	HGF01-INTAKE	HBAF01-K
			HGF01-SD-22M*		
Rhönmed	Précise 6000	RC5	-	-	HGF01-25	HBAF01-K
Löwenstein Medical Technology (Weinmann)	Oxymat 3	-	HGF01-SD-22M	HGF01-INTAKE	-

AEROvent® - Fine and Foam Device Filters | nCPAP and BiPAP / Bilevel Devices
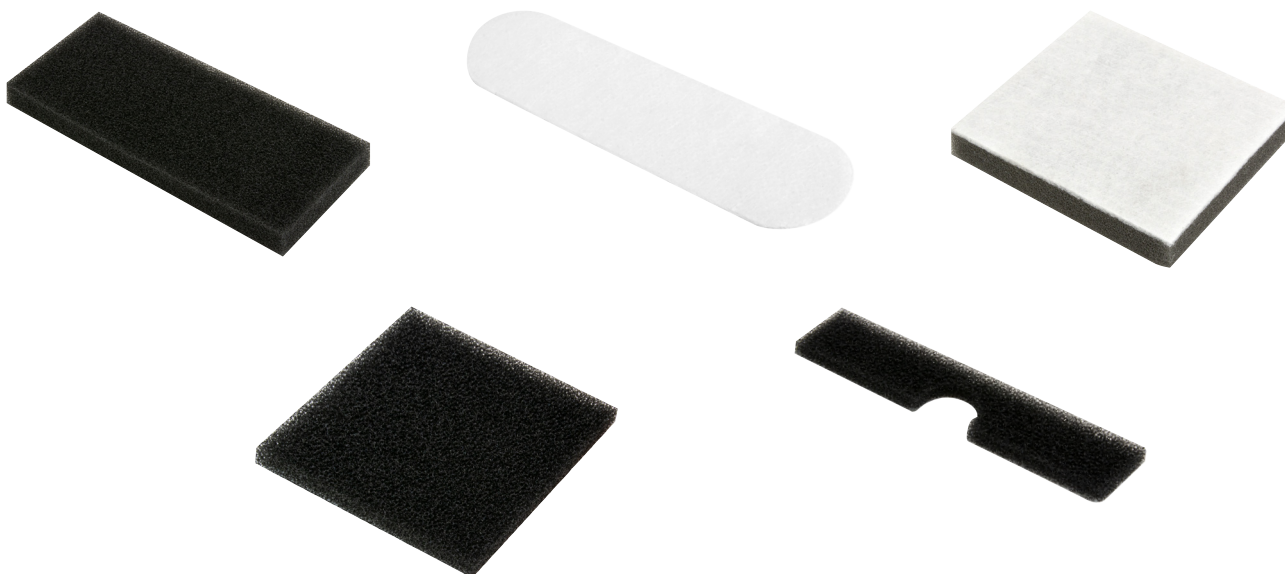
Fine and foam filters for nCPAP devices from various manufacturers, for the filtration of particles from the ambient air aspirated by the device.

Manufacturer	Device	Item No.	
		Fine filter	**Foam filter**
Breas	iSleep 10, 20, 20+, 20i, 22, 25	HCF02-BR-FINE	HCF02-BR-FOAM
DeVilbiss	SleepCube	Blue Series	HCFD02-FINE	HCFD02-FOAM
Fisher & Paykel	HC230, HC600	HCFF02-FINE	-
	Icon	HCFF03-FINE	-
Löwenstein Medical Technology (Weinmann)	SOMNOcomfort	SOMNOsoft+	SOMNOsmart 2	SOMNOvent	SOMNOset	HCFW02-FINE	HCFW02-FOAM
	SOMNObalance	SOMNOcomfort 2	SOMNOsoft 2	CPAP-20	HCFW03-FINE	HCFW03-FOAM
	prisma Series	HCFW04-FINE	HCFW04-FOAM
ResMed (MAP, Sullivan)	S8	HCFS03-FINE	-
	S9	AirSense 10	AirCurve 10	S10	HCFS04-FINE	-
Philips Respironics	BiPAP autoSV	-	HCFR06-FOAM
	M Series: REMstar Plus, Pro, Pro 2, Auto	BiPAP Plus	Phönix 2 Auto	Somnia 2	HCFR06-FINE	HCFR06-FOAM
	REMstar Legacy Series: REMstar Lite, Pro, Pro2, Plus, Auto BiPAP Plus, Pro 2, Auto, auto SV Advanced Nova	Phoenix	Somnia	Synchrony II	Harmony II	HCFR07-FINE	HCFR07-FOAM
	System One Series: REMstar Pro, Auto	BiPAP Auto, S/T, autoSV, autoSV Advanced, SleepEasy	HCFR08-FINE	HCFR06-FOAM
	DreamStation Series: CPAP Pro	Auto-CPAP	Auto-BiPAP	HCFR09-FINE	HCFR09-FOAM

AEROvent®

AEROvent® - Fine and Foam Device Filters | Home Ventilation Devices 🟠

Fine and foam filters for home ventilation devices from various manufacturers, for the filtration of particles from the ambient air aspirated by the device.

Manufacturer	Device	Item No. Fine filter	Item No. Foam filter
Breas	PV401-1	HVF02-BR-FINE	-
	Vivo 30, 40	HVF05-BR-FINE	HVF05-BR-FOAM
	Vivo 50	HVF06-BR-FINE	HVF06-BR-FOAM
Medtronic (Airox, Covidien, NPB)	Legendair	PB520	PB 560	HVF02-A-FOAM	-
Philips Respironics (Lifecare)	**REMstar Legacy Series:** BiPAP S/T, AVPS Nova	Phoenix	Somnia Synchrony II	Harmony II	HCFR07-FINE	HCFR07-FOAM
	BiPAP S/T, A30, A30-S, A40, AVPS Harmony S/T	HCFR08-FINE	HCFR06-FOAM
	Trilogy 100, 200	Bakterien- / Virenfilter HBF01-BFMG	
Löwenstein Medical Technology (Weinmann)	BiLevel ST22	Upon request	-
	VENTIlogic	VENTIlogic LS und plus		
	VENTImotion	VENTImotion 2		
	prismaVENT Series	HCFW04-FINE	HCFW04-FOAM

AEROvent® - Heat and Moisture Exchanger (HME) | Artificial Nose 🟠 🟢

Heat and Moisture Exchanger (HME) for spontaneously ventilated patients with a tracheostomy.

- Effective protection of the airways against the negative effects of cold, dry breathing gas

- Particle filtering, heating and humidification of the respiratory air

- Restoration of breathing resistance

- Housing made of polypropylene (PP), filter medium made of polyurethane foam (PU)

- With ISO connection 15F

- Individually packaged

Suction port

Oxygen connection for 6 mm tubing

Moisture output	Max.	Resistance	Max.	Internal volume	Weight	Item No.
19.99 mg/l at VT 500 ml	0.33 mbar at 30 l/min	approx. 17 ml	approx. 4.4 g	HBF01-KN-TS

HUM

Systems for Life®