

Your filtration solution for the respiratory patient

AirLife™ respiratory filter product selection guide

Dedicated to the profession, committed to advancing respiratory patient care

CareFusion is committed to providing you with simple solutions when choosing the best filtration efficiency for your respiratory patient needs. To help you minimize filtration challenges, we offer a comprehensive line of high-performance respiratory filters.

Each *AirLife*™ filter provides its own unique advantages to maximize the clinical outcomes for filtration when used with multiple ventilator applications, such as noninvasive, invasive or high-flow oxygen systems. Our filters may help reduce the risk of possible hospital- or ventilator-acquired patient infections and may help create a safer environment for the caregiver by minimizing bacterial and viral particle penetration.



AirLife respiratory filters

The following selection guide displays detailed product specifications that will help you choose the device that best suits your patient's needs. All of the device specifications have been independently lab tested according to the Military Standard and International Standards Organization (ISO) as well as clinically approved by respiratory professionals.¹



001851



001852



001853

Cat. no.	*001851	001852	*001853
Description	Standard respiratory filter	Respiratory HEPA filter	High-efficiency respiratory filter with diffuser
Filtration efficiency²	BFE ³ 99.9% VFE ³ 99.7%	BFE 99.9999+% VFE 99.9999+% DOP ⁴ 99.998+%	BFE 99.999+% VFE 99.999+% NaCl ⁵ 99.8%
Flow resistance⁶	0.5 L/s 0.67 cmH ₂ O 1.0 L/s 1.43 cmH ₂ O	0.5 L/s 0.4 cmH ₂ O 1.0 L/s 0.9 cmH ₂ O 0.5 L/s 1.2 cmH ₂ O (after 24 hrs) 1.0 L/s 1.7 cmH ₂ O (after 24 hrs)	0.5 L/s 1.2 cmH ₂ O 1.0 L/s 2.8 cmH ₂ O
Compressible volume	43 mL	84 mL	59 mL
Recommended use	24 hours	48 hours	24 hours
Media material	Hydrophobic polypropylene	Hydrophobic polypropylene	Hydrophobic polypropylene
Connections	ASTM 22 mm/15 mm male/female ASTM 22 mm female	ASTM 22 mm/15 mm male/female ASTM 22 mm female	ISO 22 mm/15 mm male/female ISO 22 mm female
Packaging	50 units/case	20 units/case	20 units/case

WARNING—U.S. Federal Law restricts this device to sale by or on the order of a physician.

*CE marked, all other codes for U.S. distribution

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References

- 1 Data on file at CareFusion Respiratory Division.
- 2 All filter devices were independently lab tested by Nelson Laboratories.
- 3 Bacterial Filtration Efficiency tested with aerosols of *S. aureus* and Viral Filtration Efficiency tested with aerosols of *E. coli* bacteriophage to the method of Military Standard MIL-M-36954C specification.
- 4 DOP Filtration Efficiency tested with 0.3 micron DOP particles.
- 5 NaCl efficiency testing was adapted by ISO 23328-1 under dry conditions.
- 6 Tested in dry conditions per ISO-9360-1: 2000.

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