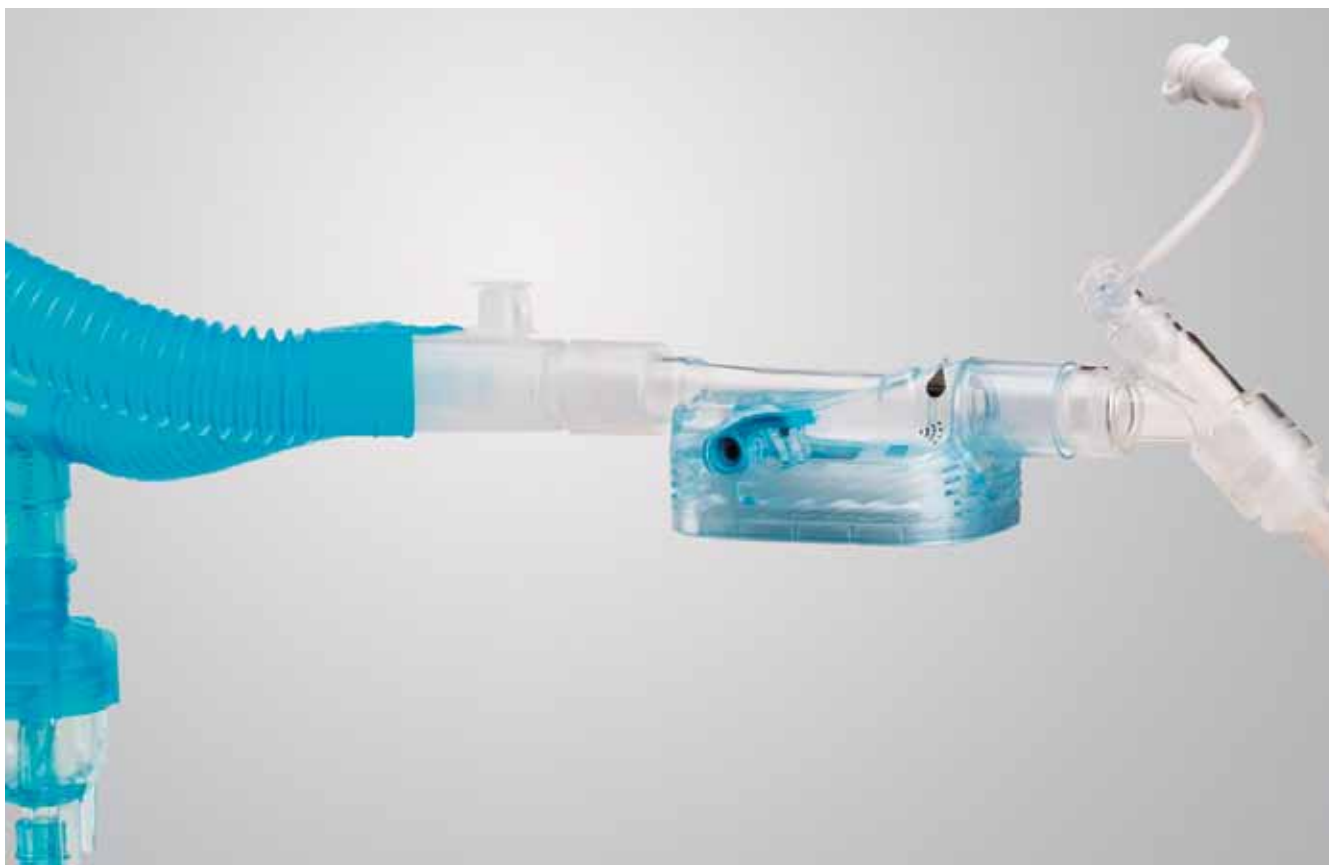


# Maintain a closed system during medication delivery with advanced *AirLife*<sup>™</sup> Bypass HME technology



## Keep the PEEP

Advanced *AirLife*<sup>™</sup> Bypass HME (BHME) technology helps protect your patients with a closed system for continuous ventilation, allowing you to deliver aerosolized medication treatments without breaking the circuit.

- Bypass activation helps you confidently deliver meds without sacrificing particle deposition<sup>1</sup>
- Closed system for continuous ventilation helps avoid lung derecruitment

## Deliver with ease

One-handed operation allows easy bypass engagement, making medication delivery setup simple and efficient.

## Reduce the risk

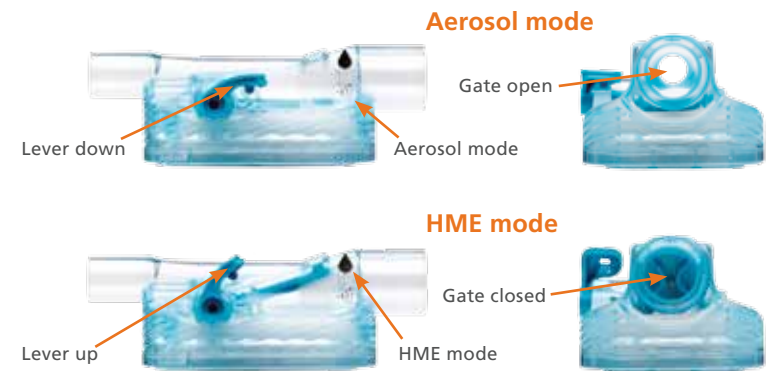
Keeping a closed system helps to minimize the risk of cross contamination while reducing the occurrence of lung derecruitment.

## Connect with the continuum

The AirLife BHME connects you to a growing continuum of solutions for your ventilated patient with convenient single sourcing.



Optional filter helps prevent respiratory complications and reduces chance of cross-contamination



Bypass lever position and clear visual indicators ensure gate engagement

	003020 AirLife nonfiltered BHME	003021 AirLife filtered BHME
Tidal volumes	250 to 1,250 mL	250 to 1,250 mL
Weight	43 g	44 g
Dead space	68 mL	68 mL
Moisture loss <sup>2</sup>	250 mL = 9.1 mg H <sub>2</sub> O/L 500 mL = 10.6 mg H <sub>2</sub> O/L 750 mL = 12.9 mg H <sub>2</sub> O/L 1,000 mL = 14.3 mg H <sub>2</sub> O/L 1,250 mL = 14.9 mg H <sub>2</sub> O/L	250 mL = 8.7 mg H <sub>2</sub> O/L 500 mL = 11.1 mg H <sub>2</sub> O/L 750 mL = 12.9 mg H <sub>2</sub> O/L 1,000 mL = 14.7 mg H <sub>2</sub> O/L 1,250 = 15.7 mg H <sub>2</sub> O/L
Resistance before use <sup>2</sup>	Flow at 0.5 L/sec = 0.6 cmH <sub>2</sub> O Flow at 1.0 L/sec = 1.6 cmH <sub>2</sub> O Flow at 1.5 L/sec = 3.3 cmH <sub>2</sub> O	Flow at 0.5 L/sec = 1.3 cmH <sub>2</sub> O Flow at 1.0 L/sec = 3.3 cmH <sub>2</sub> O Flow at 1.5 L/sec = 6.1 cmH <sub>2</sub> O
Resistance after use <sup>2</sup>	Flow at 0.5 L/sec = 0.7 cmH <sub>2</sub> O Flow at 1.0 L/sec = 2.0 cmH <sub>2</sub> O Flow at 1.5 L/sec = 4.5 cmH <sub>2</sub> O	Flow at 0.5 L/sec = 1.5 cmH <sub>2</sub> O Flow at 1.0 L/sec = 4.0 cmH <sub>2</sub> O Flow at 1.5 L/sec = 6.0 cmH <sub>2</sub> O

	003020 AirLife nonfiltered BHME	003021 AirLife filtered BHME
Filtration efficiency <sup>3,4,5</sup>	N/A	BFE = 99.999% VFE = 99.99% NaCl = 95%
Recommended change-out	24 hours	24 hours
Connections	15 mm ISO male connector for Y piece, 15/22 mm ISO female/male connector for ET tube, closed suctioning system, etc.	15 mm ISO male connector for Y piece, 15/22mm ISO female/male connector for ET tube, closed suctioning system, etc.
Gas leakage	0 cc/min at 7 kPa (71 cmH <sub>2</sub> O)	0 cc/min at 7 kPa (71 cmH <sub>2</sub> O)
Compliance <sup>2</sup>	0.68 mL/kPa at 7 kPa (71 cmH <sub>2</sub> O)	0.68 mL/kPa at 7 kPa (71 cmH <sub>2</sub> O)
MR Conditional <sup>6</sup>	Field strength = 3 – Tesla or less Spatial gradient = 720 Gauss/cm or less Radio frequency (RF) Field = 128 MHz Specific absorption rate = 2.9 W/kg	Field strength = 3 – Tesla or less Spatial gradient = 720 Gauss/cm or less Radio frequency (RF) Field = 128 MHz Specific absorption rate = 2.9 W/kg
Packaging	25 units per case	25 units per case

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

Manufactured for:

CareFusion  
22745 Savi Ranch Parkway  
Yorba Linda, CA 92887

800.231.2466 toll-free  
714.283.2228 tel  
714.283.8493 fax



CareFusion  
Yorba Linda, CA

[carefusion.com](http://carefusion.com)

CareFusion France 309 S.A.S.  
8 bis rue de la Renaissance  
F-44110 Châteaubriant, France

- 1 Data on file at CareFusion Respiratory Patient Care Division.
- 2 Test results based on ISO-9360-1:2000 for both dry and wet conditions.
- 3 All filtered devices were independently lab tested by Nelson Laboratories.
- 4 BFE and VFE testing adapted from ASTM F2101.
- 5 NaCl testing adapted from ISO 23328-1.
- 6 MR Conditional testing based on ASTM F2503-05.

