

## AirLife™ HMEs and HMEFs

These Heat and Moisture Exchangers (HMEs) and Filtered Heat and Moisture Exchangers (HMEFs) capture the patient's exhaled heat and moisture and return them in the inspired gas. Small and compact, they are lightweight, provide low resistance to flow and are specially treated to provide bacteriostatic and hygroscopic (HCH) benefits. Select either the large volume or small volume models depending on tidal volume requirements.

Cat. no.	Description	Connection	Qty.
<b>HME-Heat and moisture exchangers</b>			
003003	HME large volume	15 mm male for Y-piece, 15/22 mm female/male for ET tube	50/cs
003010	HME large volume with gas sampling port and 6" flextube	15 mm ISO male for Y-piece; 15 mm female for ET tube; standard luer lock port for gas sampling at dry side	20/cs
003004	HME small volume	15 mm male for Y-piece; 15/22 mm female/male for ET tube	50/cs
003014	HME adult trach with suction port	15 mm female for trach tube	50/cs
003011	HME infant	15 mm ISO male for Y-piece; 15 mm ISO female for ET tube	50/cs
<b>HMEF-Filtered heat and moisture exchangers</b>			
003005	HMEF large volume with gas sampling port	15/22 mm male/female for Y-piece; 15/22 mm ISO female/male for ET tube, closed suctioning system; standard luer lock port for gas sampling at dry and filtered side	25/cs
003006	HMEF small volume with gas sampling port	15 mm ISO male for Y-piece; 15/22 mm ISO female/male for ET tube, face mask, closed suctioning system; standard luer lock port for gas sampling at dry and filtered side	50/cs
003007	HMEF HEPA large volume with gas sampling port	15 mm ISO male for Y-piece; 15/22 mm ISO female/male for ET tube, closed suctioning system; standard luer lock port for gas sampling at dry and filtered side	20/cs
003009	HMEF large volume with gas sampling port and 6" flextube	15/22 mm ISO male/female for Y-piece; 15 mm female for ET tube, closed suctioning system; standard luer lock port for gas sampling at dry and filtered side	15/cs

## Heat and Moisture Exchangers performance specifications

Caption ID	Cat. no.	Tidal volumes	Dead space	Weight	Humidification efficiency	Filter efficiency	Flow resistance
<b>HME-Heat and moisture exchangers</b>							
A.	003003	250–1,250 mL	31 mL	13 g	500 mL/35 mg H <sub>2</sub> O/L	N/A	0.5 L/s 1.0 cmH <sub>2</sub> O 1.0 L/s 2.5 cmH <sub>2</sub> O 1.5 L/s 4.8 cmH <sub>2</sub> O
B.	003004	80–600 mL	21 mL	8 g	500 mL/30.0 mg H <sub>2</sub> O/L	N/A	0.5 L/s 0.8 cmH <sub>2</sub> O 1.0 L/s 2.4 cmH <sub>2</sub> O
C.	003010	250–1,500 mL	60 mL	22 g	500 mL/32.3 mg H <sub>2</sub> O/L	N/A	0.5 L/s 1.0 cmH <sub>2</sub> O 1.0 L/s 2.5 cmH <sub>2</sub> O 1.5 L/s 3.5 cmH <sub>2</sub> O
D.	003011	5–50 mL	2 mL (3 mL spontaneous)	2 g	50 mL/31.5 mg H <sub>2</sub> O/L	N/A	0.25 L/s 1.1 cmH <sub>2</sub> O
E.	003014	70–1,000 mL	16 mL	6 g	500 mL/13.8 mg H <sub>2</sub> O/L	N/A	0.5 L/s 0.13 cmH <sub>2</sub> O 1.0 L/s 0.29 cmH <sub>2</sub> O 1.5 L/s 0.45 cmH <sub>2</sub> O
<b>HMEF-Filtered heat and moisture exchangers</b>							
F.	003005	250–1,250 mL	59 mL	38 g	500 mL/33 mg H <sub>2</sub> O/L	BFE, mil 99.999% VFE, mil 99.98%	0.5 L/s 0.9 cmH <sub>2</sub> O 1.0 L/s 2.1 cmH <sub>2</sub> O 1.5 L/s 3.7 cmH <sub>2</sub> O
G.	003006	70–600 mL	22 mL	17 g	500 mL/30.3 mg H <sub>2</sub> O/L	BFE, mil 99.998% VFE, mil 99.99%	9 L/s 0.4 cmH <sub>2</sub> O 15 L/s 0.8 cmH <sub>2</sub> O 30 L/s 1.8 cmH <sub>2</sub> O
H.	003007	250–1,250 mL	95 mL	43 g	500 mL/35 mg H <sub>2</sub> O/L	BFE, mil 99.9999% VFE, mil 99.9999% at 0.3 m 99.997%	0.5 L/s 1.6 cmH <sub>2</sub> O 1.0 L/s 3.3 cmH <sub>2</sub> O 1.5 L/s 5.5 cmH <sub>2</sub> O
I.	003009	250–1,250 mL	80 mL	46 g	500 mL/33 mg H <sub>2</sub> O/L	BFE, mil 99.999% VFE, mil 99.98%	0.5 L/s 1.0 cmH <sub>2</sub> O 1.0 L/s 2.7 cmH <sub>2</sub> O 1.5 L/s 5.1 cmH <sub>2</sub> O

Change frequency: 24 hours