

Heat Moisture Exchangers and Filters for Optimal Humidification and Filtration

The sensible choice for short-term airway humidification and the prevention of breathing system contamination.

Westmed's breathing filters and heat moisture exchangers (HME) are the optimal choice for enhancing the effectiveness of any breathing system. With bacterial/viral filtration efficiencies in excess of 99.9% and high moisture retention characteristics, Westmed offers the right product, for the right application, for the right price.

HME

features and benefits:

- Westmed's HME products provide superior moisture output, minimum size, low breathing resistance.
- Each is a true hygroscopic condensing humidifier (HCH) for maximal performance without potentially harmful chemicals.
- Small volume HME and HME filter with 60° angled circuit-side connection with minimal dead space eliminating the need for a circuit elbow.



Inline Mini HMEF



Angled HMEF



Bacterial/Viral Filter



Infant HMEF

Westmed's Heat and Moisture Exchangers (HME) and Heat and Moisture Exchangers with Filter (HMEF)

- Luer gas sampling ports on most HMEF and HME products.
- ISO-standard connections for secure, leak-resistant attachment to breathing systems.
- Available individually-wrapped, in convenient case quantities, or as optional additions to your customized Westmed breathing circuit.
- A conveniently-located luer connection permits gas sampling at the top of the housing, just as if a common gas sampling elbow were being used.

Please log onto www.westmedinc.com for a complete listing of Westmed anesthesia and respiratory products

The Westmed logo, featuring the word 'Westmed' in a stylized, green, cursive font.

HMEs and Filters

Heat Moisture Exchangers and Filters for Optimal Humidification and Filtration

Product Performance Characteristics

| Part Number | Description | Vt Range | Moisture Output | Resistance to Flow | Bacterial/Viral Filtration | Dead Space |
|-------------|---|---------------|-------------------------------------|--|----------------------------|------------|
| 6216 | Clear Bacterial/Viral Filter, 22mm I.D. x 22mm O.D./15mm I.D. | N/A | N/A | 0.83cmH ₂ O @ 30Lpm | 99.99% | 41.85mL |
| 6218 | HME Filter, Angled Inlet, CO ₂ Port | 150 - 1000mL | 28.4mgH ₂ O/L @ Vt 500mL | 2.29cmH ₂ O @ 30Lpm 0.25cmH ₂ O @ 8Lpm | 99.99% | 28.3mL |
| 6229 | HME, Angled Inlet, CO ₂ Port | 150 - 1000mL | 28.4mgH ₂ O/L @ Vt 500mL | 0.89cmH ₂ O @ 30Lpm 0.04cmH ₂ O @ 8Lpm | N/A | 30.63mL |
| 6219 | In-Line Mini HME, CO ₂ Port | 150 - 1000mL | 28.8mgH ₂ O/L @ 500mL | 0.72cmH ₂ O @ 30Lpm | N/A | 29.77mL |
| 6220 | In-Line Mini HMEF, CO ₂ Port | 150 - 1000mL | 29.2mgH ₂ O/L @ 500mL | 2.5cmH ₂ O @ 30Lpm | 99.99% | 26.77mL |
| 6221 | In-Line Maxi HMEF, CO ₂ Port | 350 - 1500mL | 32.1mgH ₂ O/L @ 500mL | 1.43cmH ₂ O @ 30Lpm | 99.99% | 49.15mL |
| 6232 | Infant HME Filter, Angled Inlet, CO ₂ Port | 20ml | 28mgH ₂ O/L @ 20mL | 1.25cmH ₂ O @ 5Lpm | 99.8/99.6% | 4.0mL |
| 6379 | In-Line Maxi HMEF, No CO ₂ Port | 350 - 1500 mL | 32.1mgH ₂ O/L @ 500mL | 1.69cmH ₂ O @ 30Lpm | 99.99% | 49.15mL |
| 6158 | HEPA Filter, No CO ₂ Port | 150 - 1500mL | 12mgH ₂ O/L @ vt 1000mL | 1.92cmH ₂ O @ 30Lpm 6.46cmH ₂ O @ 60Lpm | 99.9999% | 33.58mL |
| 6159 | HEPA Filter, CO ₂ Port | 150 - 1500mL | 12 mgH ₂ O/L @ vt 1000mL | 2.05cmH ₂ O @ 30Lpm 7.18cmH ₂ O @ 60Lpm | 99.9999% | 33.58mL |



Inline Maxi HMEF



Hepa Filter

Product Ordering Information

| Part Number | Description | Qty. |
|-------------|---|------|
| 6216 | Clear Bacterial/Viral Filter, 22mm I.D. x 22mm O.D./15mm I.D. | 50 |
| 6218 | HME Filter, Angled Inlet, CO ₂ Port | 50 |
| 6229 | HME, Angled Inlet, CO ₂ Port | 50 |
| 6219 | In-Line Mini HME, CO ₂ Port | 50 |
| 6220 | In-Line Mini HMEF, CO ₂ Port | 50 |
| 6221 | In-Line Maxi HMEF, CO ₂ Port | 50 |
| 6232 | Infant HME Filter, CO ₂ Port | 25 |
| 6379 | In-Line Maxi HMEF, No CO ₂ Port | 50 |
| 6158 | HEPA Filter, No CO ₂ Port | 50 |
| 6159 | HEPA Filter, CO ₂ Port | 50 |