

HEAT MOISTURE EXCHANGER FILTERS

Dynarex Resp-O₂™ HMEFs are single-use respiratory devices designed to provide humidification and help prevent mucosal dryness during mechanical patient ventilation and other respiratory treatments. The integrated bacterial/viral filter reduces the risk of contamination and provides protection from airborne particles and microorganisms.

- Features a low-resistance design to best support patient's breathing
- Lightweight design for maximum patient comfort
- Transparent housing enables effortless placement
- Sampling port proximal to patient adds to overall convenience
- Not made with natural rubber latex or DEHP



Heat Moisture Exchanger + B/V Filter (HMEF) 1500

CO₂ PORT

ITEM 30100

ADULT

TIDAL VOLUME
250-1500 mL

RESISTANCE
at flow 30 L/min 0.8 cm H₂O
at flow 60 L/min 1.9 cm H₂O

DEAD SPACE
70 mL

MOISTURE OUTPUT
250 mL 36.0 mg H₂O/L
500 mL 34.0 mg H₂O/L
1000 mL 33.0 mg H₂O/L

FILTRATION EFFICIENCY
Bacterial: >99.999%
Viral: >99.99%

WEIGHT
24.5 g

CONNECTIONS
22M/15F-22F/15M

PACKAGE QUANTITY
50/Case



Heat Moisture Exchanger + B/V Filter (HMEF) 1500

CO₂ PORT • FLEX TUBE

ITEM 30101

ADULT

TIDAL VOLUME
250-1500 mL

RESISTANCE
at flow 30 L/min 0.8 cm H₂O
at flow 60 L/min 1.9 cm H₂O

DEAD SPACE
105 (70) mL

MOISTURE OUTPUT
250 mL 36.0 mg H₂O/L
500 mL 34.0 mg H₂O/L
1000 mL 33.0 mg H₂O/L

FILTRATION EFFICIENCY
Bacterial: >99.999%
Viral: >99.99%

WEIGHT
33 g

CONNECTIONS
15F-22F/15M

PACKAGE QUANTITY
30/Case



Heat Moisture Exchanger + B/V Filter (HMEF) 1500

CO₂ PORT

ITEM 30102

ADULT

TIDAL VOLUME
150-1500 mL

RESISTANCE
at flow 30 L/min 0.95 cm H₂O
at flow 60 L/min 1.7 cm H₂O

DEAD SPACE
55 mL

MOISTURE OUTPUT
250 mL 39.8 mg H₂O/L
500 mL 38.7 mg H₂O/L
1000 mL 39.0 mg H₂O/L

FILTRATION EFFICIENCY
Bacterial: >99.998%
Viral: >99.96%

WEIGHT
28.5 g

CONNECTIONS
22M-15F/22F-15M

PACKAGE QUANTITY
50/Case



Heat Moisture Exchanger + B/V Filter (HMEF) 1000

CO₂ PORT • FLEX TUBE
LOW PROFILE

ITEM 30103

ADULT

TIDAL VOLUME
150-1000 mL

RESISTANCE
at flow 30 L/min 0.8 cm H₂O
at flow 60 L/min 1.9 cm H₂O

DEAD SPACE
83 (43) mL

MOISTURE OUTPUT
250 mL 35.0 mg H₂O/L
500 mL 33.0 mg H₂O/L
1000 mL 31.0 mg H₂O/L

FILTRATION EFFICIENCY
Bacterial: >99.999%
Viral: >99.99%

WEIGHT
30.5 g

CONNECTIONS
15F-22F/15M

PACKAGE QUANTITY
30/Case



Heat Moisture Exchanger + B/V Filter (HMEF) 1000

CO₂ PORT • LOW PROFILE

ITEM 30104

ADULT

TIDAL VOLUME
150-1000 mL

RESISTANCE
at flow 30 L/min 0.8 cm H₂O
at flow 60 L/min 1.9 cm H₂O

DEAD SPACE
43 mL

MOISTURE OUTPUT
250 mL 35.0 mg H₂O/L
500 mL 33.0 mg H₂O/L
1000 mL 31.0 mg H₂O/L

FILTRATION EFFICIENCY
Bacterial: >99.999%
Viral: >99.99%

WEIGHT
21 g

CONNECTIONS
22M/15F-22F/15M

PACKAGE QUANTITY
50/Case



Heat Moisture Exchanger (HMEF) 1500 + (HEPA) Filter

CO₂ PORT

ITEM 30112

ADULT

TIDAL VOLUME
250-1500 mL

RESISTANCE
at flow 30 L/min 1.5 cm H₂O
at flow 60 L/min 2.8 cm H₂O

DEAD SPACE
85 mL

MOISTURE OUTPUT
250 mL 37.3 mg H₂O/L
500 mL 36.0 mg H₂O/L
1000 mL 32.3 mg H₂O/L

FILTRATION EFFICIENCY
Bacterial: >99.9999%
Viral: >99.999%

WEIGHT
41 g

CONNECTIONS
22M/15F-15M

PACKAGE QUANTITY
25/Case