

 Manufactured for:
Dynarex Corporation
10 Glenshaw Street
Orangeburg, NY 10962
USA · www.dynarex.com
Made in China

Reorder No. 30100

dynarex *Resp-C₂*TM

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

CO₂ Port



CAUTION: Federal (USA)
Law restricts this device to sale
by or on the order of a physician



SYMBOL GLOSSARY
For an explanation of symbols
used in Dynarex packaging, visit
dynarex.com/symbols.php

DESCRIPTION

The HMEF is disposable single-use device indicated for patient requiring humidification during the delivery of ventilator gases. The HMEF is for use in hospital, ICU, anesthesia, respiratory therapy, during transport and with resuscitators. The HMEF can be used on adult patients. The HMEF is indicated for use by qualified medical personnel only. The HMEF is designed for disposable use and should be changed at least every 24 hours.

INSTRUCTIONS FOR USE

- Read these instructions carefully before using the product.
- Place the HMEF between the proximal end of the artificial airway and the Y-piece of the breathing circuit.
- When used continuously on a single patient, change the HMEF every 24 hours or more frequently as required.

CONTRAINDICATIONS

- The HMEF is contraindicated in patients producing fulmination, frothy secretions within their airway and lungs.
- The HMEF shall not be used on patient with very small tidal volumes, for example neonates.
- The HMEF shall not be used together with active humidifier or nebulizers.

PRECAUTIONS

- All tubing and connections to the HMEF shall be properly attached and checked for leakage prior to use.
- Before use, verify that the HMEF has no occlusions and that air will flow through it.
- Compensation of ventilation may be necessary when using the HMEF since dead space will be added to the system.
- During the use of the HMEF, the patient shall be closely monitored and proper airway care administered if complications arise.

WARNING

- The HMEF is designed for single patient use only and must not be cleaned and reused.

TECHNICAL DATA

| | |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Tidal Volume Range | 150-1000 mL |
| Resistance | at flow 30 L/min 0.8 cm H ₂ O at flow 60 L/min 1.9 cm H ₂ O |
| Dead Space | 70 mL |
| Moisture Output (per ISO 9360 test procedure) | Tidal Volume = 250 mL 36.0 mg H ₂ O/L 500 mL 34.0 mg H ₂ O/L 1000 mL 33.0 mg H ₂ O/L |
| Filtration Efficiency | Bacterial: >99.999% Viral: >99.99% |
| Weight | 24.5 g |
| Connections | 22M/15F-22F/15M |

SYMBOLS

| SYMBOL | SYMBOL NOTES |
|-------------------------------------------------------------------------------------|-------------------------------------------------|
|  | Consult instructions for use |
|  | Cautions and Warnings |
|  | Keep dry |
|  | Keep away from heat and sunlight |
|  | Do not re-use |
|  | Do not use if package is damaged |
|  | Not made with natural rubber latex |
|  | Not Manufactured with di(2-ethylhexyl)phthalate |
|  | Fragile, handle with care |
|  | Top |
|  | Batch code |
|  | Prescription use only |