

 Manufactured for:  
Dynarex Corporation  
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USA · [www.dynarex.com](http://www.dynarex.com)  
Made in Turkey

Reorder No. 30102



# Heat Moisture Exchanger + Filter (HMEF) 1500

with B/V Filter · CO<sub>2</sub> Port



R<sub>x</sub> Only

**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](http://dynarex.com/symbols.php)

## DESCRIPTION

The following instructions are provided for maximum performance and safety in use of breathing HME filters.

Single patient use HME and antibacterial/viral filter for breathing circuits in anesthesia, reanimation and intensive care for bacterial and viral filtration as well as humidification of patient airways.

## INSTRUCTIONS FOR USE

Connect the device securely to breathing system, catheter mount, anesthesia/ventilator machine, closed suction system ensuring that the connections are tight and safe. Also check if present perfect seal of the cap for capnometry port.

## WARNINGS

- Please perform control tests for any blockage and leakage on the product and all respiratory line before starting the treatment.
  1. The HMEF has been manufactured for single patient use and maximum recommended hours of use is 24 hours.
  2. This HMEF is only used between the patient and breathing circuit.
  3. The product is manufactured under clean room conditions. Do not use if the product and product package is damaged.
  4. This product should be used only and exclusively under Physician or licensed practitioner.
  5. Replace the HMEF in the event of increased resistance due to secretion from the patient.
  6. The additional dead space of this device must be taken into consideration when used.

## TECHNICAL DATA

|   |  |
|---|--|
| <b>Tidal Volume Range</b>                             | 150-1500 mL  |
| <b>Resistance</b>                                     | at flow 30 L/min 0.95 cm H <sub>2</sub> O<br>at flow 60 L/min 1.7 cm H <sub>2</sub> O  |
| <b>Dead Space</b>                                     | 55 mL  |
| <b>Moisture Loss</b><br>(per ISO 9360 test procedure) | Tidal Volume =<br>250 mL 39.8 mg H <sub>2</sub> O/L<br>500 mL 38.7 mg H <sub>2</sub> O/L<br>1000 mL 39 mg H <sub>2</sub> O/L |
| <b>Weight</b>   | 28.5 g   |
| <b>Connections</b>                                    | Patient Side: 22M/15F<br>Machine Side: 22F/15M   |
| <b>Filtration Efficiency</b>                          | Bacterial: >99.998%<br>Viral: >99.96%  |

## 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 |
|  | Batch code                                      |
|  | Prescription use only                           |