

# Heat and Moisture Exchanger (T-HME)

## For Adult/Pediatric Use



**REF RES027**

### Intended Use

The HME is disposable single-use device indicated for patient requiring humidification during the delivery of ventilator gases. The HME is for use in hospital, respiratory therapy, and homecare. The HME can be used on adult and pediatric patients. The HME is indicated for use only under the supervision of qualified medical personnel. The HME should be changed at least every 24 hours.

### Technical data

|                          |                                                                  |
|--------------------------|------------------------------------------------------------------|
| Moisture Output          | 36.4mgH <sub>2</sub> O/L at VT = 500 ml                          |
| Recommended tidal volume | 150-1250 ml                                                      |
| Resistance               | 30L/min: 0.2 cmH <sub>2</sub> O<br>(per ISO 9360 test procedure) |
| Dead Space               | 15ml                                                             |
| Moisture Loss            | Tidal Volume = 500 ml 7.4 mg H <sub>2</sub> O/L                  |
| Weight                   | 6.6g                                                             |
| Connections              | 15F                                                              |



### Instructions for use

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

### Contraindications

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

### Precautions

All tubing and connections to the HME shall be properly attached and checked for leakage prior to use.  
Before use, verify that the HME has no occlusions and that air will flow through it.  
Compensation of ventilation may be necessary when using the HME since dead space will be added to the system.  
During the use of the HME, the patient shall be closely monitored and proper airway care administered if complications arise.  
If a sampling tube is not connected, make sure that the sampling port cap on the HME is properly secured.  
The HME must be changed between patients.

### Warning

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

### Storage

Store in a clean, cool, dry place in original wrapper.  
Shelf life: Max. 3 years. Expiration date printed on the package.

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MADE IN CHINA

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