

# Heated Tubing:

## Hybernite RT

### INTENDED USE

- The Hybernite RT breathing tubes are used to carry moistened gas from the humidifier to the patient requiring mechanical ventilation.
- The Hybernite RT breathing tubes are available for 3 patient categories: Adult (Hybernite RT 19), Pediatric (Hybernite RT 15) and Neonatal (Hybernite RT 12). For each patient category there are 2 versions: a dual limb version and a single limb version.
- The Hybernite RT breathing tubes are single-use only.

### WARNINGS AND CAUTIONS

- Only use the Hybernite RT breathing tubes in combination with the MR850 Heated Humidifier from Fisher & Paykel Healthcare.
- Retain these instructions for use for future reference.
- Always connect-disconnect the tubes from the humidifier, ventilator and mask by using the grips on the cuff.
- Do not pull the tube when disengaging the tube from the humidifier, ventilator or mask.
- When using electrical products, always follow the standard safety precautions!
- Do not cover the Hybernite RT breathing tubes with any object including a textile insulation sleeve, a plastic sleeve, a blanket, etc., in order to avoid an elevated airflow temperature that can cause irritation of the airway
- Do not operate the Hybernite RT breathing tubes close to other heat sources including lamps, electric blankets, etc., to avoid elevated airflow temperatures.
- Do not use wireless communication devices (such as mobile phones) close (< 30 cm or 12 inches) to the Hybernite RT breathing tubes, to avoid interference with the system, which can negatively impact the functioning of the Humidifier/ventilator.
- Do not use other cables and accessories because these could possibly have a negative effect on EMC and result in improper operations.
- Do not use the Hybernite RT breathing tubes without airflow.
- Do not sterilize the Hybernite RT breathing tubes.
- Do not disassemble or intentionally damage the Hybernite RT breathing tubes.
- Do not insert or drop any object in the opening of the Hybernite RT breathing tubes.
- Do not make the Hybernite RT breathing tubes subject to pressure, crushing or other mechanical stresses, as it can damage the Hybernite RT breathing tubes.
- If any tube of the Hybernite RT breathing tubes is damaged (having holes, kinks, tears, exposed heating wires, etc.) or is not functional, do not try to repair the tube yourself. Immediately replace your Hybernite RT breathing tubes.
- Prior to use, inspect the Hybernite RT breathing tubes for holes, deformation or any form of damage. When damaged, replace the Hybernite RT breathing tubes immediately.
- During use, check the Hybernite RT breathing tubes frequently for holes, deformation or any form of damage. When damaged, replace the Hybernite RT breathing tubes immediately.
- Proper hand hygiene (e.g. hand washing or hand disinfection) is mandatory before and after replacement of the device.
- Do not clean the Hybernite RT breathing tubes.
- Dispose of the tube correctly according to your local government regulation.
- This is a prescription device to be used exclusively under medical supervision.

- If too much condensate accumulates, a partial or complete blockage of the circuit can occur. Regularly check the breathing circuit for condensate and empty if necessary.
- When operated in a room with air conditioning, the breathing circuit must not be positioned directly next to the outlet ports of air conditioning units. Avoid drafts.
- Do not use the tube for more than 14 days max to avoid potential contamination.
- Do not use the product with other medicinal substances besides Oxygen.

#### **CLEANING AND DISPOSAL**

- The product is delivered in a clean status and is ready for use, unless the package has been opened or damaged. This is a single use product. Dispose of the product once the patient therapy has been completed or after maximum 14 days of usage.
- Upon disposal clearly mark or damage the product to ensure that the product is not reused. Disposal of the device shall be made in accordance with applicable hospital or national regulations for biologically hazardous waste.