

## USER MANUAL

**Attention:** This manual concerns 140110 Bacteria Filter with HMEF Filter and 140210 Bacteria Filter with HMEF Filter – Elite products.

**REF. NUMBER/NUMBERS:** 140110, 140210

These filters are produced for bacteria-heat-moisture exchange. Bacteria-moisture filters are usually mounted before the catheter mount (corrugated and short hose) in the patient circuit, so on the side close to the patient. The filter is heated during exhalation and the heated air goes to the patient during inhalation. Thus, the breath is heated.

The retained heat and moisture move inwards through the **tracheostomy** thanks to the **respiration**. In this way, the respiratory tract is moisturized. At the same time, harmful particles are trapped at a rate of 99.9% thanks to the filtration property and prevented from going into the respiratory tract. Also, the secretion that occurs (mucus or phlegm) is held on the filter and is prevented from going into the device if one is used. If the patient is connected to a respiratory machine, the HME bacteria filters must be used in the hose's part close to the patient.

**CONTENT INFORMATION:** Bacteria Filter, Heat Moisture Filter

### **WARNINGS and PRECAUTIONS:**

For single use only. **DO NOT REUSE, DO NOT SUBMIT TO PROCESS OR DO NOT STERILIZE.** Reuse, treatment or sterilization may impair the structural integrity of the device and / or cause an injury or illness to the patient due to a malfunction of the device. Reuse or treatment may create a risk of contamination for the device and / or an infection of the patient or a contamination of a patient or a doctor by another patient and thus may lead to the transmission of infectious diseases from one patient to another and further problems. The contamination of the device may result in illness of the patient and of the users due to an infection. This personalized product is designed for single patient use.

Before use, examine carefully the device to verify that its contents or its sterile packaging are not damaged during transport. **DO NOT USE** if damaged. Please return immediately the damaged product to the dealer or to Plasti-med.

**CONTRAINDICATIONS:** The filters should be replaced when dirty otherwise they should be changed every 48 hours maximum.

### **COMPLICATIONS:**

**If an adequate moistening is not done;**

The airways dry

Coarse secretions occur

Airway resistance increases

Airway peak pressure increases

It causes an auto-PEEP

### **INSTRUCTIONS FOR USE:**

1. Determine the inhalation line of the circuit or the entry of the Y connector-airway tube to which the bacteria and moisture filter will be attached.
2. Attach the bacteria and moisture filter in an appropriate way to the device input you have determined.
3. Make sure the connections of the bacteria and moisture filter are complete.
4. After attaching the bacteria and moisture filter, place the respiratory or anesthesia circuit on the other end of the filter.
5. After a 24-hour use, remove the bacteria and moisture filter from the device and change it to a new one.

**DURATION OF USE:** The product is for single use and used during the application. It should be changed every 24 hours maximum.

**TARGET AUDIENCE:** All patient group.

**STORAGE CONDITIONS:** Store it at room temperature.

### **DISPOSAL METHOD: Disposal procedure for products after use:**

**Used products should be immediately treated as medical waste and disposed of in accordance with the medical waste regulations as soon as they are used to remove any contamination risk.**



Caution



Do not re-use



Catalogue Number



Date of Manufacture



Use-by date



Batch code



Do not use if package is damaged



Do not resterile



Sterilized using ethylene oxide



Notified Body Number