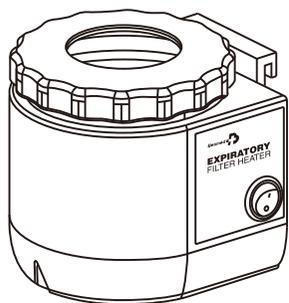


Breathing Circuit Bacterial Filter



Instruction sheet

Read this instruction sheet before use.

Specifications

Dimension	11.5 (L) X 10.8 (W) X 11.4 (H) cm
Heater Temperature	50°C~55°C (FL-70421, FL-70431); 50°C~70°C (FL-70422, FL-70432)
Heater Power(W)	11~17W, 50/60Hz (100~120V); 18~22W, 50/60Hz (220~240V)
Voltage	AC100~120V or AC220~240V
Weight	0.79 kg (Includes Filter 1.02 kg)
Materials	Filter Heater-PC; Hot Plate-Aluminum; Filter Bottle-PC; Water Trap-PC; Connector-Silicon
Short-Circuit Protection	Class I
Operation Environment	Temperature 10°C to 40°C; Atmospheric Pressure 700hPa to 1060hPa; Humidity ≤90%RH
Storage/ Transfer Environment	Temperature -20°C to 55°C; Humidity 5%RH to 95%RH
Complied Standard	IEC/EN 60601-1, IEC/EN 60601-1-2

Product Description

"Besmed" Expiratory Filter Heater ("Besmed" Breathing circuit Bacterial Filter) is a device that is intended to heat and remove microbiological and particulate matter from the the gases in the expiratory limb of breathing circuit. It also dries the air in expiratory limb of ventilator.

Model

- FL-70001 (110V) Expiratory Filter Heater
- FL-70002 (220V) Expiratory Filter Heater
- FL-70421 (110V) Expiratory Filter Heater W/ Bacteria Filter, Reusable Water Trap, Silicone Connector
- FL-70422 (220V) Expiratory Filter Heater W/ Bacteria Filter, Reusable Water Trap, Silicone Connector

Warning

- When the device is in use, do not touch the hot plate, to avoid the risk of burns .
- Do not put it in damp, polluted, hot place or under the sunlight.
- Do not let the filter in contact with strong acids or bases, or other substances such as gases. The device should be stored in dry and clean place.
- Do not open the device body and device cover, to avoid heat damage or electric shock hazard.
- Modification of this equipment is not allowed.
- Please connected to a grounded-outlet of power source to avoid the electric shock accident.
- The filter is for single use and replace the filter after used for 72 hours.
- To avoid the risk of electronic, this device must only be connected to a power source with ground wire.



Directions for Use

1. Put the power plug into a power receptacle.
2. Open the heater cover, put the filter into the heater, then tighten the cover clockwise.
3. Input port of expiratory filter (the lower port) attach connector, water trap and corrugate tube etc., output port of expiratory filter heater (the upper port) attach corrugate tube and ventilator.
4. Turn on the electricity, preheat for 15 minutes.

Cleaning

It is recommended to use 75% alcohol or water with a clean-dry cloth to clean the device.

Disposal

Could not deal with the device as a general waste, shall be disposed under the local electronic equipment waste disposal methods.

Specification of Filter

Filtration Efficiency	0.3µm: 99.985%
Dimension	22F/22F
Resistance	0.12 cmH ₂ O (30L/min) 0.45 cmH ₂ O (60L/min)
Size	8.9 (D) X 15.6 (H) cm

Caution

- Read this instruction manual carefully before using.
- This product should be used by professionals.

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