Ventilator Breathing Circuit

Revision date: 24/11/2021
Revision number: 00/ Nov 2021

Instructions for Use

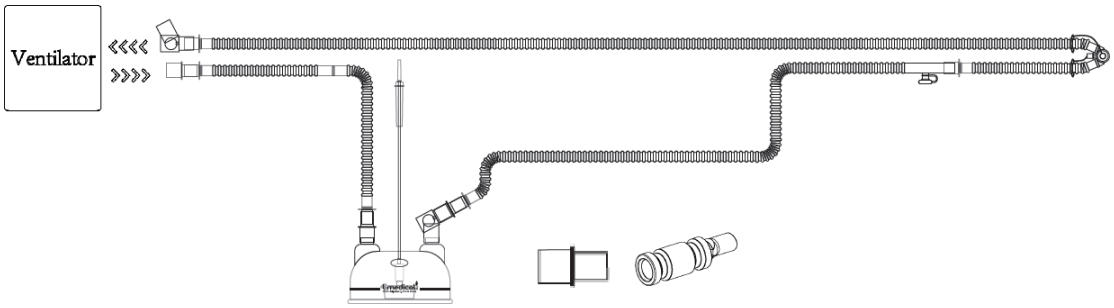
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Intended use:

Breathing circuit is used to transfer gas between patient and ventilator.

Structure and Components:

The device consists of machine end adaptors, corrugated tubes, Y-piece, two-way connector, soft connectors, limb, caps and humidifier chamber.The assembly drawing is illustrated as follows:



Product Features:

For product features and further information, please consult the manufacturer or your local sales company.

Directions for Use:

1. Wash and dry your hands.
2. Install the humidifier chamber in respiratory humidifier, hang a pre-prepared dropping bottle (500 mL of distilled water or water for injection) over the chamber for a vertical distance of 0.5 meter, and then insert the needle into the bottle for 2~3 cm. Remove the exhaust cap on the side of dosing needle, squeeze the drip kettle below the dosing needle to exhaust the air inside the drip kettle. Repeat the above operation several times until start the automatic adding liquid normally (visible liquid in streamlined or densely drip). About 3~5 min, the water in the humidifier chamber will reach the highest level, and the automatic adding liquid apparatus closes its outlet (the drip kettle is almost in a static state).
3. Connect both the inspiratory limb and expiratory limb to the Y-piece.
4. Connect the admission end of the breathing circuit to the outlet of humidifier chamber. Connect the limb to inlet of the humidifier chamber.
5. Connect the exhaust end of the breathing circuit to the inlet of ventilator and connect the other end of limb to the outlet of ventilator.
6. Separately insert the heater wire adaptors into the three-way connectors at the admission and exhaust end of the breathing circuit.
7. When using with an infant incubator, insert the temperature monitor wire into the three-way connector and the temperature monitor port at the admission tube of breathing circuit. If not, insert into the three-way connector and temperature monitor port at the Y-piece.

8. Connect the Y-piece to the endotracheal tube, mask or other breathing device directly or by some connection accessories.

9. After assembling all components of breathing circuit, turn on the humidifier, and operate according to the instruction manual of humidifier.

Contra-indications:

None

Transport and Storage:

Keep away from high pressure and sunlight and keep dry during transportation. The storage conditions: relative humidity should be less than 80%, shady and cool, dry, clean, draughty, no corrosive gas.

Precautions:

1. Do not use if the device is damaged or the unit packaging is damaged or opened.
2. Do not use if product is beyond the date of expiry.
3. For single patient use only.
4. The device is Type BF Applied Part. It is recommended to be with humidifier with output voltage of 24V.
5. The water in the humidifier chamber should be 150ml±30ml and should not reach the “MAXIMUM WATER LEVEL”.
6. It is recommended that the use period of the breathing circuit is 7 days. If the circuit or the chamber is seriously polluted, new one should be replaced immediately.
7. This breathing circuit has no potential for electromagnetic interference or other interference.

Warnings:

1. Do not reuse, reprocess, or re-sterilize this medical device. Reuse, reprocessing, or re-sterilization may:
    a. adversely affect the known biocompatibility characteristics of the device
    b. compromise the structural integrity of the device
    c. lead to the device not performing as intended
    d. create a risk of contamination and cause the transmission of infectious diseases resulting in patient injury, illness, or death

2. The used product should be properly disposed according to the local legislations.
3. Dry heating for humidifier chamber is prohibited.
4. Do not fill chamber with water temperature more than 37°C.

Legal manufacturer:

Global SCP Medical Systems Pte. Ltd., Singapore