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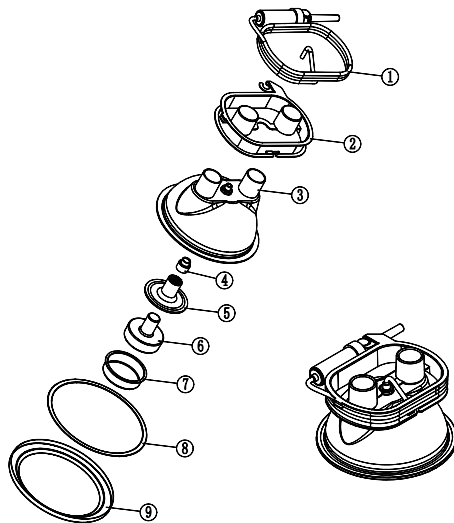
LOT



Rx ONLY

VHC10 Auto-feed humidification chamber (hereinafter named as “chamber”) manufactured by Vincent Medical Manufacturing Co., Ltd. is used in conjunction with the heater base. They are the necessary auxiliary device to the ventilator. The chamber is heated by the heater base to achieve the desired heating and humidifying effects. The system is used to reduce the stimulus on the cardiac and respiratory system of mechanically ventilated patient; it also enhances the compliance of patient to mechanical ventilation and maintains the humidity of the patient airway.

## 1. Product Structure



- ① Infusion tube
- ② Bracket
- ③ Chamber housing
- ④ Float gasket
- ⑤ Float lid
- ⑥ Float insert
- ⑦ Float bottom
- ⑧ Gasket
- ⑨ Aluminum base

## 2. Installation

The chamber should be used in professional healthcare environments under a doctor’s supervision and by skilled clinician.

Used in conjunction with a heater base unit and breathing circuit to provide heated and humidified gas for ventilation of patient.

2.1 Make sure the heater plate of the heater base and the bottom plate of the chamber are clean, smooth and dry.

2.2 Remove the bracket.

2.3 Install the chamber to the heater base.

2.4 Remove the cap of the infusion tube, then insert the infusion tube into the water bottle, and the position of water bottle should be higher than the chamber. For rigid water bottle, after insert the infusion tube, the gas inlet of the infusion tube should be opened so that the water can flow from the bottle to the chamber.

⚠ Do not fill water to the chamber exceed the maximum water level, otherwise water may enter the breathing circuit.

⚠ If water level exceeds the maximum, please replace the chamber with a new one.

⚠ Do not fill the chamber with water higher than 37°C.

⚠ Use sterilized water in the chamber.

⚠ Do not kink the infusion tube and keep it not blocked.

## 3. Operation

3.1 Follow the Instruction for use of the heater base to connect breathing circuit.

3.2 Make sure there is no obstruction in the chamber and breathing circuit before turning on the heater base.

⚠ Air flow should not exceed the maximum allow able flow rate.

## 4. Inspection

4.1 Regularly inspect the water level inside the chamber. If water is used up, replace the water bottle with a new one.

4.2 If chamber leakage is observed, replace the chamber with a new one.


## 5. Replacement

5.1 Turn off the heater base.

5.2 Remove the water feed line from the water bottle.


5.3 Disconnect the breathing circuit from the chamber.

5.4 Remove the chamber from the heater base.

 Please avoid water spill out from the chamber during removal.

5.5 Follow the instruction of section 2 to install the new chamber.

 Make sure the chamber is not tilted to avoid water entering into the breathing circuit.

 DO NOT touch the heater plate of the heater base, the bottom plate of the chamber and the water inside the chamber to avoid skin burn.

 The chamber is disposable, DO NOT reuse.

 Discard after use, please in accordance with hospital requirement or local law and regulations.

## 6. Specification

Flow resistance	≤0.74cmH <sub>2</sub> O/l/min@2.5L/min
Maximum water volume	180mL
Maximum air flow	90L/min
Maximum operating pressure	16.5kPa (165cmH <sub>2</sub> O)
Operating temperature range	10°C - 40°C(recommended range: 18°C - 28°C)
Operating humidity range	30% - 75% RH

## 7. Storage and Transportation

This produce should be stored in dry, clean, cool, non-corrosive gas and drafty indoor.

The transport process should prevent stress, severe bump, direct sunlight and rain leaching.













Storage temperature range: -20°C - 55°C.


Storage humidity range: 15%- 93% RH, Long term storage below 85% RH.

## 8. Shelf-life

3 years.

## 9. Explanation of symbols

					
Caution	Consult instructions for use	Date of manufacture	Use by date	Batch code	Catalogue number
					
Manufacturer	Do not re-use	Fragile, handle with care	Keep away from sunlight	Keep dry	This way up

 Caution: Federal law restricts this device to use by or on the order of a licensed physician.

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