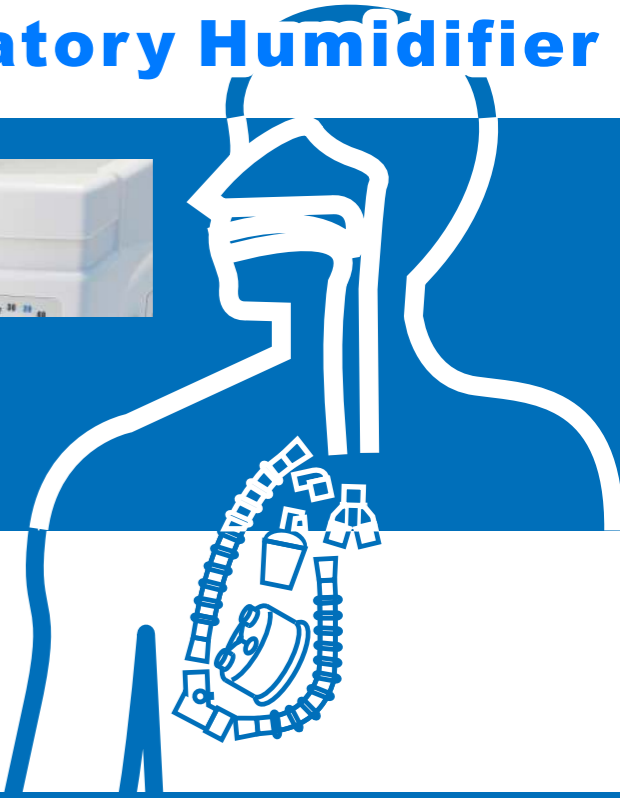


**VADI** Medical Technology Co., Ltd.

## VH-3000 Respiratory Humidifier



**MORE SAFETY, RELIABILITY AND SATISFACTION**

Distributor :

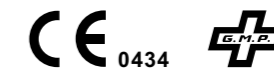
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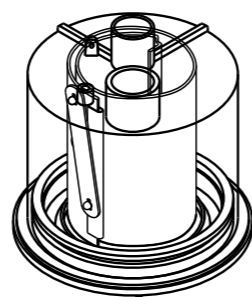
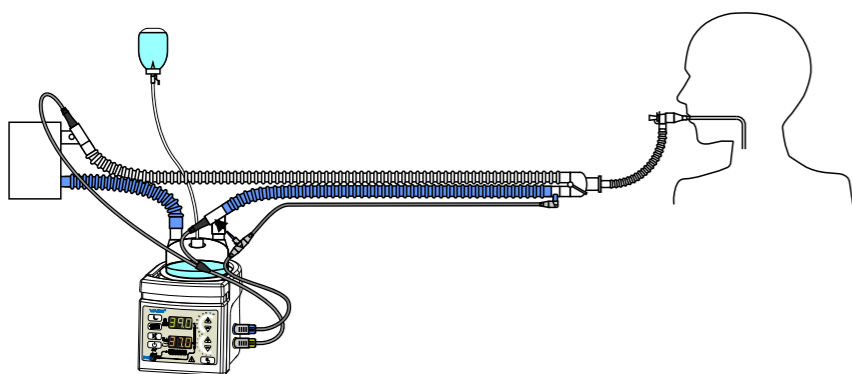


## VH-3000 Respiratory Humidifier

According to clinical statements, invasive and non-invasive patients using humidifier due to their breathing does not receive normal mouth and nose humidity, experience the stickiness of sputum inside endo tube which affects lungs MTS functions. In more serious occasions, the sputum may narrow the channel of endo tube and increase patient's breathing work. American respiratory therapists recommend using 30°C 100% relative humidity or 30mg/L absolute humidity. Recent respiratory research claims about best humidity is saturated humidity closed to body temperature. VADI Humidifier Vh-3000 may control input temperature from 31°C to 40°C and output temperature from 26°C to 42°C which follows all respiratory clinical requirements. Humidifier may be used for invasive and non-invasive patients.



VADI Humidifier VH-3000 has 2 servo control systems. First, control steam output through output temperature of humidification chamber. Second, control temperature of breathing tubing through airway servo control to provide necessary heat and moisture level inside breathing tubing without outside temperature influence. Meet requirements of closed breathing circuit system.



### VADI Humidifier VH-3000 Characteristics

- Can provide level of saturated humidity closed to body temperature.
- Can display 2 temperature levels at the same time – output of humidification chamber and airway.
- Bright lights and indicators are for easy use.
- Separate temperature control – humidification chamber output and airway output.
- Reusable and single-use breathing circuits can be used.
- Universal heater wire adaptors for all kind of breathing circuits.

## Product Specification

Temperature control range

Heater wire mode: patient airway output - 31°C-40°C; chamber output - 26°C - 42°C

Non-heater wire mode: patient airway output - 26°C-36°C

Flow rate: 3-60LPM

Dimensions: 16.0cm x 14.5cm x 13.5cm

Weight: 1.48kg

Supply voltage: 100-120Vac/200-240Vac

Supply Frequency: 50/60Hz

Max. supply power: 350VA

Overheating Protection: While heated temperature is over 120°C±7°C, the device will cut off the power automatically.

Warm-up time: ≤30min

Operating environment

Temperature: ≤18-26°C

Pressure: 700hpa to 1060 hpa

Temperature ≤95% (RH%) without water condensation

Transport Condition: -10 to +50°C (Humidity: 5%~95% without any water condensation)

Storage Condition: -20 to +50°C (Humidity: 5%~95% without any water condensation)

## Accessories

VH3000	Humidifier VH-3000 (110V / 220V) (not sterilized)	G-215000	Disposable adult circuit (150cm), inspiratory heated, w/o chamber
VH30T150	Temperature probe 150cm	G-216000	Disposable adult circuit (150cm), dual heated, w/ chamber
VH30100	Power wire adaptor, inspiratory heated	G-217000	Disposable adult circuit (150cm), inspiratory heated, w/chamber
VH30200	Power wire adaptor, dual heated	G-218000	Disposable infant circuit
VH30C	Convertor (3P/2P)	G-219000	Disposable infant circuit
900110L	Reusable heater wire 110cm (Lemo)		
900150L	Reusable heater wire 150cm (Lemo)		
G-214000	Disposable adult circuit (150cm), dual heated, w/o chamber		

VADI Medical Technology Co., Ltd has been running in the market of respiratory care products for more than 30 years and offers different products according clinical requirements.

This product is used for invasive and non-invasive patients with different ventilators.