



HiFent™

HIGH-FLOW HEATED RESPIRATORY HUMIDIFIERS

HiFent™ humidifier is designed specifically to be a solution for delivering the benefits of humidification and flow to pediatric and adult patients in the hospital, home and in long-term care. Its applicable department including respiration medicine, each ICU, emergency department, neurology department, neurosurgery, department of pediatrics

(weight > 3 kgs), rehabilitation unit, and senior officials inpatient ward, etc. Respicare allows the HiFent to comfortably provide high flows of air/oxygen mixtures to spontaneously breathing patients, with integrated high flow generator and oxygen enrichment system, through the unique optional flow nasal cannula interface.



Standard
(Model:HUMID-BM)



Auto- control FiO2
(Model:HUMID-BH)



Home-care
(Model:HUMID-BHR)

► **Hifent Flow :**

The stable flow rate can be accurately adjusted ,according to the patient's individual ventilation demand .

Flow rate :

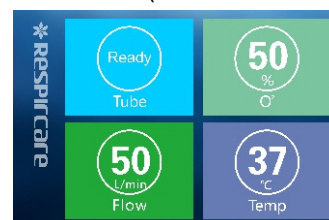
Low Flow Mode : 2-25 L/Min (pediatric mode)
High Flow Mode : 10-80 L/Min (adult mode)

► **Hifent Oxygen :**

O2 addition can be titrated /auto-control according to the patient' O2 deficit .
Supply from any external O2 source
Up to 80 L/min

► **Hifent Monitoring :**




The display provides information on
Current flow rate
Temperature
Therapy air FiO2
Mode of operation



► **Hifent Humidification :**

The level of humidification and the temperature of therapy air can be adjusted by the patient according to comfort .
Dew point : 31°C , 34°C ,37°C

► **High Flow Heated Respiratory Humidifier**

Model			
	HUMID-BM	HUMID-BH	HUMID-BHR
Flow setting range	<ul style="list-style-type: none"> ● Low Flow Mode : 2-25 L/Min temp: 34 °C ● High Flow Mode : 10-80 L/Min 		● High Flow Mode : 10-60 L/Min
Screen Size	3.5"	4.3"	3.5"
Flow Meter	Upto 50 or 80 Liters		
Oxygen % Measure	21%-100%		21%-50%
FiO2 Control	Manual titration control	Auto proportional valve control	Manual titration control
Alarms	<ul style="list-style-type: none"> ● Low oxygen concentration ● High oxygen concentration ● Ambient temp ● Blockage ● Power Failure 		
Weight	3.5 Kg	4.3 Kg	3.5 Kg
Certifications	IEC/EN 6060-1, IEC/EN 60601-1-2; ISO 13485		
Dimensions	L330 x W245 x H315 mm	L390 x W245 x H315 mm	L330 x W245 x H315 mm
Application	HOSPITAL	HOSPITAL	HOME CARE
Humidity Control	+3 to -3		
Relative Humidity	Maximum operating relative humidity 93% storage temperature -20° C to 50° C		
Disinfection Process	Through Disinfection Device		
Temperature Control	31°C ,34°C,37°C		
Recommended Ambient Temp	18-28 °C		
Power Consumption	200 Watt		
Power supply	220VAC+ 22V,50+1Hz		

► **In which patient can Hifent be used ?**

This product is suitable for patients with spontaneous breathing, realizing treatment by providing heated and humidified gas of a certain flow. These patients include humidification treatment, oxygen therapy, endotracheal intubation and tracheostomy. This product cannot be used for life support.

Patient's Interface



- Disinfection Device
- Nasal cannula for adult
- Nasal cannula for pediatrics
- Tracheostomy adapter

Model	Nasal cannula for adult			Nasal cannula for pediatrics		Tracheostomy adapter
Size	# S	# M	# L	Infant size	Pediatric size	For Adult (flow rate :10-60 Lpm)
Cannula Size	3x1.5 mm OD	6X4.8 mm OD	5.4 mm OD	2.9 mm OD	3.2 mm OD	
Flow Range	50 Lpm	70 Lpm	80 Lpm	20 Lpm Max	25 Lpm Max	
Package	10 Pcs /box : 230x130x160 mm 70 Pcs /box : 530x230x290 mm			Sticker material :Hydrocolloid		

Water chamber for hospital

Clinical Humidifier : quick transfer between patients due to use of disposable components.

Water chamber for homecare

Homecare Humidifier : easy handing when filling with drinking water as the reusable chamber .

Nasal cannula

Comfortable ,soft silicone patient interface Low noise. Two sizes for different patient.

Heating tube

Heating circuit prevent condensation.

Breathing tube

Nasal cannula

Host device

Cart

HFNC

Hifent™

As warm and comfortable as the Tropical Ocean
as fragrant and oxygen-rich as the Rain Forest
the unique Hifent
will oxygenate your every single breath !

Company Profile

RMS MEDICAL TECH CO.,LTD Incorporated in 2010, we have become a leading company in the Research and Development of products for noninvasive ventilator and high flow respiratory heated humidifier . The existing full-time staff of 95 persons, research and development team ,20 persons by experienced electronic engineers, mechanical engineers, test engineers, product clinical research based on the Beijing medical university first affiliated hospital of respiratory medicine. We are CE and EN ISO 13485-2012 approved by TUV company.

Workshop & office : At present, it has 2400m² production workshop and 1200 m² office space.

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CE 0197
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