



inspired
breathing life

Humidification system

Humidification system

Humidifier system is a complete system to deliver optimal levels of humidity for the airway to ensure effective delivery of gas and comfort to patient.

» Humidifier

Respiratory Humidifier VHB15A

Features

- One button control, simple, convenience
- Large and Bright LCD display
- Dynamic control of temperature and humidity
- Continous data record with instant convenient checking
- Analogue alarm system, intuitive, fast error processing
- Regular display of run time, convenience to operate
- Simple and easy heater adaptor to prevent wrong connections
- Large LCD night viewing display allowing



Model Number	VHB15A
Name	Heated Humidifier
Ratings	110-127V~,50/60Hz, 320VA, Heater Wire: 24VDC, 80VA(Max) 220-240V~,50/60Hz, 330VA, Heater Wire: 24VDC, 80VA(Max)
Heater plate Over-heating Cutoff Temp.	118±7 °C
Patient Side Temperature Range	Invasive Mode: 35-40 °C, Default: 39 °C Non-invasive Mode: 30-37 °C, Default: 34 °C
Probes of Temp.-humidity Data Cable Detection Range	0~150 °C, Accuracy: ±0.5 °C (in 20-45 °C temp. range)
Weight	1.9kg Without Humidification Chamber

Respiratory Humidifier VHB10A

Model Number	VHB10A
Name	Humidifier
Power Source	220-240V~, 50/60Hz
Power Consumption	100VA±15%
Rated Current	0.6A Maximum at 230V
Temp. Control Range	45~80 °C
Thermostat Precision	95±7 °C
Weight	1.2kg Without Humidification Chamber



Respiratory Humidifier VHB15

Model Number	VHB15
Name	Heated Humidifier
Supply Source	110-127V~, 50/60Hz, 160W 220-240V~, 50/60Hz, 140W
Heater plate Over-heating Cutoff Temp.	95±7 °C
Temperature Setting Range	40~85 °C
Weight	1.2kg Without Humidification Chamber



» Humidification Chamber

Model	VHC10	VHC20	VHC25
Type	Disposable	Disposable	Reusable
Application	Neonatal	Adult	Adult
Fill water mode	Automatically	Automatically	Manually
Compressible Volume(Empty)	300ml	440ml	695ml
Compressible Volume(Full)	120ml	260ml	265ml
Maximum Water Capacity	180ml	180ml	430ml
Maximum Peak Flow	90L/Min	90 L/Min	90 L/Min
Resistance(cmH2O)	< 1cmH ₂ O@60L/Min	< 1cmH ₂ O@60L/Min	< 1cmH ₂ O@60L/Min
Compliance(Empty)	< 0.41 ml/cmH ₂ O	< 0.70 ml/cmH ₂ O	< 0.85ml/cmH ₂ O
Package	12pcs/carton	12pcs/carton	12pcs/carton



VHC10



VHC20



VHC25

» Heater wire circuit

Liqfree heater wire circuit

Liqfree circuit is equipped with a special membrane, that allows water vapor to diffuse through the membrane, but prevents air escaping.

Please contact us for chamber, filters, pressure line etc other components

Model	Adult Liqfree	Neonatal Liqfree
Length	1.6m	1.5m
Application	Single Patient Use	Single Patient Use
Flow Resistance Limit	0.06cmH ₂ O/l/min@30l/min	0.74cmH ₂ O/l/min@2.5l/min
Compliance Limit	5ml/cmH ₂ O@(60±3)cmH ₂ O	1.5ml/cmH ₂ O@(60±3)cmH ₂ O
Leakage Limit	70ml/min@(60±3)cmH ₂ O	30ml/min@(60±3)cmH ₂ O
Compatibility	VM VHB 15A/ F&P MR850 etc.	VM VHB 15A/ F&P MR850 etc.
Package	10Pcs/Carton	10Pcs/Carton



Single limb heater wire circuit

- Compatible with our humidifier VHB15A to deliver warm & humidified air and keep comfort to the patient.
- Compatible to F&P MR850 and MR730 heater base

Part No.	Length	Chamber VHC10	Chamber VHC20	Monitor Pressure line	Adaptor Kits	Application
51048600	1.5m					Neonatal
51050943	1.5m	◆		◆		Neonatal
51051030	1.5m	◆		◆	◆	Neonatal
51048400	1.5m					Adult
51050941	1.5m		◆	◆		Adult



Embedded heater wire circuit

FSC No.	Part No.	Length	Application
510-029	51051043	1.7m	Adult
510-031	51051044	1.7m	Neonatal

- The heating element is embedded in the electrical insulation helix of the limb, preventing condensatoin build-up inside the circuit and reduce risk associated with overheating.
- Smoothbore tubing reduces flow resistance.



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