



Humidification System

Heated Humidifiers

VHB20

- Large LCD display with night view mode
- Dynamic control of temperature and humidity
- Two modes: Invasive mode and non-invasive mode
- Individual control of expiratory limb of heater wire circuit for enhanced condensation control
- Enhanced safe alarm system, intuitive, fast response to errors
- Wide range of applications: non-heated, single heated and dual heated breathing circuits



Specification

Electrical Rating	110-127 V~, 50/60 Hz, 330 VA, 220-240 V~, 50/60 Hz, 320 VA.
Heated Wire Power	24 VDC, 80 VA (Max)
Heater Plate Overheat Cutoff Temp.	118 ± 7°C
Temperature Range	Invasive Mode: 35-40°C, Default: 39°C Non-Invasive Mode: 30-37°C, Default: 34°C
Weight	1.9kg without Humidification Chamber
Size	L204 × W150 × H159 (mm)
Accessories	51006181 Temperature Probe 51006182 Heater Wire Adaptor (connect to disposable heated wire circuit) 51006183 Heater Wire Adaptor (connect to reusable heated wire circuit)

VHB10A

- Simple one-knob temperature control
- Automatic shut-off when there is no chamber
- Mechanical protection against overheat
- Simplicity with high quality. All functionalities of a basic humidifier.
- Compact & lightweight
- Works with Non-heated breathing circuit



Specification

Electrical Rating	110-127 V~, 50/60 Hz, 160 W 220-240 V~, 50 Hz, 140 W
Heater Plate Temp. Setting Range	45-80°C
Heater Plate Overheat Cutoff Temp.	95 ± 7°C
Weight	1.2 kg without Humidification Chamber
Size	L200 × W140 × H100 (mm)

Humidification Chambers



VHC10



VHC20



VHC25



VHC50

Model No.	VHC10	VHC20	VHC25	VHC50
Type	Disposable	Disposable	Reusable	Disposable
Application	Infant	Adult	Adult	Adult
Fill Water Type	Automatically	Automatically	Manually	Manually
Interface Connections	ISO 5356-1 (22mm Male)	ISO 5356-1 (22mm Male)	ISO 5356-1 (22mm Male)	ISO 5356-1 (22mm Male)
Compressible Volume (Empty)	300 mL	440 mL	640 mL	690 mL
Compressible Volume (Full)	120 mL	260 mL	140 mL	190 mL
Maximum Water Capacity	180 mL	180 mL	500 mL	500 mL
Box Qty	10 pcs/box	10 pcs/box	10 pcs/box	20 pcs/box

Ventilation Breathing Circuit

Dual Heated Wire Breathing Circuits/Kits

Part No.	Circuit Type	Application	Accessories	Qty.
51006884	1.7m embedded heater wire circuits	Adult Φ 22mm		10/bx
51050996	1.7m embedded heater wire circuits	Pediatric Φ 15mm		10/bx
51005683	1.5m inspired IIC™	Adult Φ 22mm		10/bx
51006119	1.5m inspired IIC™	Adult Φ 22mm	VHC20 humidification chamber, catheter mount	10/bx
51005681	1.5m inspired IIC™	Neonatal Φ 10mm		10/bx
51006118	1.5m inspired IIC™	Neonatal Φ 10mm	VHC10 humidification chamber, catheter mount	10/bx
51048500	1.5m corrugated tubing	Adult Φ 22mm		10/bx
51050942	1.5m corrugated tubing	Adult Φ 22mm	VHC20 humidification chamber, pressure line	10/bx
51005928	1.5m corrugated tubing	Neonatal Φ 10mm	Pressure line	10/bx
51005923	1.5m corrugated tubing	Neonatal Φ 10mm	VHC10 humidification chamber, pressure line	10/bx
51051031	1.5m corrugated tubing	Neonatal Φ 10mm	VHC10 humidification chamber, pressure line, adaptor kits	10/bx

Single Heated Wire Breathing Circuits/Kits

Part No.	Circuit Type	Application	Accessories	Qty.
51048400	1.5m corrugated tubing	Adult Φ 22mm		10/bx
51050941	1.5m corrugated tubing	Adult Φ 22mm	VHC20 humidification chamber, pressure line	10/bx
51006113	1.5m corrugated tubing	Adult Φ 22mm	VHC20 humidification chamber, catheter mount	10/bx
51051064	1.5m corrugated tubing	Neonatal Φ 10mm		10/bx
51005924	1.5m corrugated tubing	Neonatal Φ 10mm	Pressure line	10/bx
51005922	1.5m corrugated tubing	Neonatal Φ 10mm	VHC10 humidification chamber, pressure line	10/bx
51051030	1.5m corrugated tubing	Neonatal Φ 10mm	VHC10 humidification chamber, pressure line, adaptor kits	10/bx
51006114	1.5m corrugated tubing	Neonatal Φ 10mm	VHC10 humidification chamber, catheter mount	10/bx

Non-Heated Breathing Circuits

Part No.	Circuit Type	Application	Accessories	Qty.
51025600	1.8m corrugated tubing	Adult Φ 22mm	2 water traps, pressure line	10/bx
51025500	1.8m corrugated tubing	Pediatric Φ 15mm	2 water traps, pressure line	15/bx

Single Limb Heated Breathing Circuits For High Flow Therapy

Model No.	Part No.	Tube length	Application	Tube	Vent-X	Chamber VHC20	Box Qty
510-055	51007091	1.6m	Adult Φ 22mm	Foam tube	√		10
511-055-C20	51007964	1.6m	Adult Φ 22mm	Foam tube	√	√	10
510-048	51006723	1.6m	Adult Φ 22mm	Corrugated tube			10
511-048-C20	51007963	1.6m	Adult Φ 22mm	Corrugated tube		√	10
510-056	51007093	1.6m	Neonatal Φ 10mm	Foam tube	√		20
511-056-C10	51007965	1.6m	Neonatal Φ 10mm	Foam tube	√	√	10
510-047	51006724	1.6m	Neonatal Φ 10mm	Corrugated tube			20
511-047-C10	51007962	1.6m	Neonatal Φ 10mm	Corrugated tube		√	10

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