



TRANSPORT VENTILATOR

vent i

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VENT I

SPECIFICATIONS FOR TRANSPORT VENTILATOR: Vent I

Operating Specifications

Ventilation Modes	IPPV; ASSIST; CPR
Operating Pressure	2.7 to 6.0 bar
I:E Ratio	Constant 1:1.67
Minute Volume (MV)	Continuously variable from 3 to 20 l/min (ATPD)
Ventilation Frequency	Continuously variable from 5 to 40 min ⁻¹
Trigger Sensitivity	-2 mbar Deviation ±0.5mbar
O ₂ concentration	40% & 100%
MV tolerances	±20%
Max. Ventilation Pressure	20 to 60 mbar
Safety Airway Pressure	≤75 mbar
Pressure Gauge Accuracy	0 to 60 mbar Deviation ±5%
Respiratory Compliance	100 ml/cmH ₂ O
Voice Alarm Mute Time	≤ 120s

Patient Valve Resistance

Inspiration	< 6 mbar at 30 to 60 l/min
Expiration	< 6 mbar at 30 to 60 l/min
Emergency air intake	< 6 mbar at 15 to 30 l/min

Physical Characteristics

Display	2.4" TFT color display resolution ratio: 320X240
Dimensions WxHxD in mm	240x120x100mm include connectors
Weight	Approx. 1.3kg

Power Supply

External Power Source	AC: 100 to 240V ; 1.5 to 4A ; 50/ 60HZ DC: 12 V Adapter
Inbuilt Power Source	Lithium battery 7.4V ; 3400mAh ; operating time : more than 10 hours

General Specifications

Type of Protection against Electric Shock	Class II Equipment with Internal power supply
Degree of protection against Electric Shock	BF
Degree of Protection against Hazards of Explosion	Ordinary equipment, without protection against explosion; not for use with flammable anesthetic

Operating

Temperature range	-20°C to + 50°C
Humidity	15% to 95%
Air pressure	70 kPa to 110 kPa

Store / Transport

Temperature range	-40°C to + 50°C
Humidity	≤95%
Air pressure	70 kPa to 110 kPa

Required / Standard gas supply

Supply pressure	At least 2.7 bar
Drawn flow	At least 70 l/min Oxygen (ATPD)

Optimal gas supply

Supply pressure	At least 4.5 bar
Drawn flow	At least 100 l/min Oxygen (ATPD)

Non-recommended gas supply

Supply pressure	Less than 2.7 bar
Drawn flow	Less than 80 l/min Oxygen (ATPD)

Standard Accessories

Oxygen Inlet Connection	High Pressure Hose With Female Thread 9/16-18 UNF
Reusable Ventilation Hose	Spiral Silicone for Adult
Reusable Ventilation Mask	Silicone Mask with Silicone Head Gear for Adult

Optional Accessories

Oxygen Cylinder, Carry Bag, Ventilator Mount

*Specifications, design and / or accessories listed in the catalogue subject to change without prior notice

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