

SIEMENS 900 C REFURBISHED VENTILATOR



PRODUCT DESCRIPTION

- Adult/Infant Ventilator
- Advanced electronic ventilator capable of treating the neonate as well as the adult patient.
- The patient can be treated according to eight different ventilation modes.
- It can be used in intensive care, anesthesia and transportation.

TECHNICAL SPECIFICATIONS

General

- Dimensions: 50 cm W x 23 cm D x 32 cm H.
- Weight: approximately 19 kg (42 lbs).

Ventilation Controls, Control Ranges

- Working pressure: up to 120 cm H₂O.
- Modes: volume controlled, volume control with sigh, pressure controlled, pressure support, synchronized intermittent mandatory ventilation (SIMV), SIMV + pressure support, continuous positive airway pressure, manual ventilation.
- Present inspiratory minute volume: 0.5-40 l/min, with sufficient working pressure.
- Flow pattern: constant, accelerating or decelerating.
- Respiratory rate: 5-120 breaths/min.
- Inspiratory time: 20-80% of respiratory cycle.
- Pause time: 0-30% of respiratory cycle.
- PEEP: 0-50 cm H₂O.
- Upper pressure limit: 15-120 cm H₂O.

- Trig sensitivity: -20-0 cm H₂O (below PEEP).
- SIMV-rate: high rate (4-40 SIMV breaths/min), low rate (0.4-4 SIMV breaths/min).
- Sigh: doubled tidal volume possible every 100 breaths.
- Compressed volume: 0.075 l (internal).

Special functions

Inspiratory pause hold, expiratory pause hold, gas exchange.

Monitoring

- Analog Presentation: Airway pressure: range 20-120 cm H₂O.
- Expired minute volume: adults range 0-40 l/min, infants range 0-4 l/min.
- Digital presentations: respiratory rate: range 5-120 breaths/min.
- O₂ concentration: in % by volume, range 20-100%. Inspired tidal volume: range 0-1999 ml.
- Expired tidal volume: range 0-1999 ml.
- Expired minute volume: adults range 0-40 l/min, infants range 0-4 l/min.
- Peak pressure: range 0-120 cm H₂O.
- Pause pressure: range 0-120 cm H₂O.
- Mean airway pressure: range 0-120 cm H₂O.

Alarms and Indicators

- Push button: audible signals, muted for 2 min maximum.
- Alarms: gas supply alarm, apnea alarm, expired minute volume, O₂ concentration, upper pressure limit, power failure.
- Indicators: set minute volume alarm, set O₂ alarm, pressure support, CPAP, MAN, SIMV high/low rate, expired minute volume infants, patient trig.

Gas and Power Supply

- Must fulfill specifications for medical gases.
- Gas consumption: approximately equal to preset inspiratory minute volume or equal to flow meter setting.
- Gas supply via high-pressure inlet: from central gas supply, compressor or gas cylinder.
- Electronic gas supply unit, inlet pressure: 2.5-5 bar (250-500 kPa; 35-70 psi).
- Other gas supply unit, inlet pressure: 2.5-7 bar (250-700 kPa; 35-100 psi).
- Gas supply via low-pressure inlet: via flowmeters.
- Power supply: (100), 110, 120, 220, 240 V \pm 10%, 50 or 60 Hz.
- Power consumption: approximately 40 W.