



The **Vyaire LTV 1200** is a portable ventilator. LTV Ventilator can be used in-home, intra-hospital transport, or in emergency in-field use. Vyaire System comes with preset buttons for infants, pediatrics, and adult patients and can be customized per each patient's needs. It offers both invasive and non-invasive modes of ventilation in Pressure Control, Pressure Support, Volume Control, and Spontaneous Breath Types. With the Vyaire Turbine technology, the LTV 1200 eliminates the need for a high-pressure air source.

Features

- Quick Patient Ventilation - Choose infant, pediatric, or adult to quickly configure initial ventilation.
- More versatile than transport ventilators and significantly smaller than ICU systems.
- The O₂ Conserve feature reduces O₂ consumption when the time and place of care require it.
- The internal battery allows transfer from one power sources to the next without interruption.



Specifications

Dimensions

Height: 3.25 In (8.4 cm)

Width: 10.5 In (27 cm)

Depth: 13.5 In (38 cm)

Weight: 14.5 lbs (6.5 kg)

Power

Ventilator input 11–15 VDC

AC adapter input 100–250 VAC

50–60 Hz

Pneumatic

High pressure O₂ source 40–80 PSIG (2.8–5.5 bar)

Low pressure O₂ source < 80 LPM, < 10 PSIG

Controls

Ventilation Modes: Control, Assist/Control, SIMV/CPAP and NPPV

Breath Types: VC, PC, PS and spontaneous

Breath Rate: 0–80 BPM

Tidal Volume: 50–2,000 mL

Inspiratory Time: 0.3–9.9 sec

PC/PS/Spontaneous Flow: 160 LPM

Pressure Control: 1–99 cmH₂O

Pressure Support: 1–60 cmH₂O

Sensitivity: Off, 1–9 LPM

O₂%: 21–100%

O₂ flush: 1–3 min

Low pressure O₂: On/Off

PEEP/CPAP: 0–20 cmH₂O

Insp/Exp hold: 6 seconds maximum

Manual breath: 1x current settings

Monitors and Controls

Peak Inspiratory Pressure: 0–120 cmH₂O

Mean Airway Pressure: 0–99 cmH₂O

PEEP: 0–99 cmH₂O

Breath Rate: 0–250 BPM

Airway Pressure Display: -10–108 cmH₂O

Exhaled Tidal Volume: 0–4,000 mL



Specifications Continued

Monitors and Controls Continued

Exhaled Minute Volume: 0–99.9 L

I:E Ratio: 99:1–1:99

Calculated Peak Flow: 10–100 LPM

AutoPEEP: 0–100 cmH₂O

Static Compliance: 1–999 mL/cmH₂O

Patient Effort: Green LED

Extended Features

SBT

Ventilator presets (infant, pediatric and adult)

Variable rise time

Variable flow termination

Variable time termination

Pressure control flow termination

Leak compensation

O₂ conserve

O₂ cylinder duration calculation

O₂ flush

Apnea interval

Fixed Alarms

Disconnect/Sense

External power low and lost

High and low O₂ inlet pressure

Internal battery low and empty

Ventilator inoperative

