



The **Vyaire Carefusion ReVel** ventilator provides portable ventilation that offers critical tools and performance for pediatric and adult patients in emergency transport. The ReVel ventilator supports both invasive and noninvasive ventilation for transport. It features automatic leak compensation up to 30 lpm to meet your patient's flow demand and comfort needs. It has a patented ActivCore gas delivery system that allows a single ventilator to deliver true, high-end critical care ventilation.

Features

- User-interface is based on the LTV series platform.
- Weighs only 9.5 lbs.
- Small size and ergonomic design.
- Supports invasive and noninvasive transport ventilation.
- Hot swappable 4-hour battery.
- High-performance blower technology delivers 180 LPM of flow at 100 cmH₂O.



Specifications

Dimensions	<p>Height: 11.3" (28.7 cm)</p> <p>Width: 7.1" (18 cm)</p> <p>Depth: 3.3" (8.4 cm)</p> <p>Weight: 9.5 lbs (4.3 kg)</p>
Breath Types	Volume control, pressure control, pressure regulated volume control (PRVC), pressure regulated volume support (PRVS), pressure support (PS), spontaneous
Breath Modes	Assist control, synchronized intermittent mandatory ventilation (SIMV), continuous positive airway pressure (CPAP) plus PS, noninvasive positive pressure ventilation (NPPV), apnea backup
Maneuver	<p>Expiratory Hold: 0–6 sec</p> <p>Inspiratory Hold: 0–6 sec</p>
PTM Patient and Ventilator Data	<p>Waveform: PTM display only</p> <p>Loop: PTM display only</p> <p>Trending: 24-hr trend of all patient monitors</p>
Maneuver Monitor	<p>Auto positive end-expiratory pressure (PEEP): 0–99 cmH2O</p> <p>Delta pressure (dPaw): 1–99 cmH2O</p> <p>Expiratory pressure (Pexp): 0–100 cmH2O</p> <p>Plateau pressure (Pplat): 1–99 cmH2O</p> <p>Static lung compliance (Cstatic): 1–999 mL/cmH2O</p>
LED Display	<p>Display Type: 12 5x7 dot matrix</p> <p>Resolution: 49 bicolor manometer</p> <p>Viewable Size: 7 segment</p>
Procedure	<p>O2 Flush: Delivers a pre-selected increase in O2 percentage for a pre selected duration</p> <p>Nebulization: Provides a flow of 6 LPM ± 10% O2 to drive a nebulizer (optional); configurable as continuous or inspiration only</p> <p>Spontaneous Breathing Trial (SBT): During the SBT procedure, delivers ventilation in CPAP +PS mode with the selected SBT control settings in Extended Features; calculates f/Vt</p>
Battery	<p>Type: Lithium-ion</p> <p>Duration: 4-hr internal battery (hot swappable)</p>

