



The **Vyarie Carefusion Vaisys Vela** is a ventilation system that offers both non-invasive and invasive means of ventilation for adult and pediatric patients. The Vela is a High-performance ventilator that is perfect for a variety of settings from emergency rooms, ICU, and even long-term care. The Vyaire Vela is available in different modes and can be customized to your specific ventilation needs. Its precise controlled gas delivery and active exhaust give you the precise treatment that is needed for each patient. The Vyarie Ventilator comes with a collar LCD touchscreen and simplified controls make it easier to use.

## Features

- Full function conventional ventilator and noninvasive positive pressure ventilator (NPPV)
- Multiple modes of non-invasive ventilation
- Ventilations that is independent of air source
- Six hour battery capacity
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# Specifications

## Dimensions

Pneumatic Module

Height: 10.5 in (26.7 cm)

Width: 17 in (43.2 cm)

Depth: 16 in (40.6 cm)

User Interface Module

Height: 13.75 in (35 cm)

Width: 16.25 in (41.3 CM)

Depth: 2.5 in (6.4cm)

Viewable size: 12.1 in (diagonal)

Resolution: 800 x 600

Weight:

Ventilator (includes User Interface Module): 83 lb or 37,6 kg

Ventilator and Compressor (internal): 90 lb or 40,8 kg

## Environmental

Storage Temperature: -20° to 60° C (-4° to 140° F)

Operating Temperature: 5° to 40° C (41° to 104° F)

Barometric pressure: 760 to 545 mmHg

## Battery Power

1 Hour of Ventilator Use on Internal Battery (Standard) / 30 minutes Ventilator/ Compressor

8 Hours of Ventilator Use on Internal (Standard) and External (Optional) Battery / 2 hours Ventilator and Compressor

## Electrical / Pneumatic / Input / Output

Gas Composition FiO<sub>2</sub>: 21 to 100%

Pneumatic Input

Air / Heliox: 20 to 80 psig (1.38 to 5.52 bar)

Compressor (internal): 3 to 10 psig (0.21 to 0.69 bar)

Oxygen: 20 to 80 psig (1.38 to 5.52 bar)

Electrical

A/C: 100, 120, 230, 240 VAC, 47 to 65 Hz

D/C (Internal/External Battery); 20 to 29 VDC

Data I/O

Analog Inputs (x2): 0 to 1, 5 VDC

Video Output: SVGA

Nurse Call : N.O. or N. C.

## Setup

Humidifier: Active and passive humidification

Patient setup: alphanumeric patient ID

Leak compensation: ON, OFF