



The **Vyaire BellaVista 1000** is a ventilator that runs off of a turbine. The BellaVista offers positive pressure ventilation support for patients ranging from neonates, pediatrics, and adults. With High flow oxygen therapy and a variety of adaptive ventilation modes, the BellaVista 1000 is ideal for hospitals, sub-acute care facilities, and intra-hospital transfer. The large color touch screen is both easy to see and each to use- with a touch of a finger you can the settings on the ventilation parameters the are being measured. The Vyaire Ventilator offers the latest in lung protection for patients during ventilation.

## Features

- Minimize respiratory distress through Advanced synchronization
  - Monitoring features I include AnimatedLung and VentSummary
  - Most ventilation modes can support neonates, pediatrics, and adult patients over 13 lbs ( 6kg)
  - offers Smart ventilation modes for faster weaning and reducing the manual settings
  - High Flow Oxygen Therapy improves the oxygenation of patients while enhancing patient comfort
  - Lung Recruitment Tool provides an automated recruitment maneuver that is reliable and reproducible.
  - Esophageal Pressure Monitoring to refine your lung protection strategy



SOMA TECH INTL • 166 HIGHLAND PARK DRIVE • BLOOMFIELD, CT 06002 • USA  
PHONE: 1.800.GET.SOMA • WWW.SOMATECHNOLOGY.COM • EMAIL: SOMA@SOMATECHNOLOGY.COM

# Specifications

## Dimensions

### Ventilator:

Height: 220 mm  
Width: 350 mm  
Depth: 330 mm  
Weight: 12.7 kg

### Stand and Ventilator

Height: 1170 - 1320 mm  
Width: 545 mm  
Depth: 575 mm

## Ventilation Mode

Pressure controlled CPAP, PCV, P-A/C, PC-SIMV, PSV, beLevel, APRV, S, S/T, T  
Volume controlled VCV, V-A/C, VC-SIMV, PLV (Pressure Limited Ventilation),  
P-ACtarget, PC-SIMVtarget, PSVtarget  
Flow Pattern Square, Decelerating 50%, Decelerating  
Adaptive Mode AVM • Non Invasive Modes CPAP, PSV, P-A/C, PC-SIMV, beLevel,  
APRV, P-A/Ctarget, PC-SIMVtarget, PSVtarget, nCPAP, nIPPV  
bellavista Modes DualVent, DayNight, MaskFit  
Apnea ventilation P-AC, PC-SIMV, V-AC, VC-SIMV  
Backup Modes PSV, Burst backup

## Other Parameters

Peak inspiratory flow 0-260l/min  
Inspiratory pressure, IPAP 0..100mbar  
Psupport 0..80mbar PEEP, EPAP 0..50mbar  
Tidal volume 40..2500ml Adult/Pediatric, 2..250ml Neonatal  
Inspiratory time 0.1..10 sec  
Respiratory rate 0..100 bpm Adult/Pediatric, 0..150bpm Neonatal  
I:E ratio 1:599; 49:1 (biphasic) 1:59; 5:1 other modes  
Inspiratory Trigger Flow 0.1..20l/min, Pressure 0.1..15mbar, Trigger off  
Expiratory Trigger auto.sync, 5..90% manual  
Rise time auto.rise, 0..2000ms manual  
Leakage compensation auto.leak, automatic in-/expiratory leak compensation  
Curves Pressure, Flow, Volume, ATC, SpO2, etCO2,  
Loops Pressure Volume, Pressure Flow, Flow Volume, Volumetric CO2  
Monitoring 56 online parameters  
Trending 14 days realtime trending, 1 year parameter trending  
Maneuvers Manual Breath, configurable sigh, Inspiratory Hold, Expiratory Hold, NIF (Negative Inspiratory Force), Vtrapped, P0.1 (Occlusion Pressure), AutoPEEP  
Graphics AnimatedLung, AVM TargetView, TargetVent View, MaskFit , VentSummary  
Oxygen 21%.. 100%  
Patient circuit type Single Limb, Dual Limb, Adult, Pediatric, Neonatal  
Nebulizer Integrated pneumatic, inspiratory, expiratory, and continuous  
Interfaces 2 x RS232, Ethernet, VGA, 2 x USB, Nurse Call, CO2, SpO2, bellavista Bus  
Connection protocols VueLink, Intellibrige, HL7  
Screen 13.3" Color Touchscreen