



The **Medtronic Covidien Puritan Bennett 840** is a ventilation system that offers the PAV+ software that supports a more natural breathing pattern, making it easier for the patient to breathe. The Puritan Bennett 840 can provide ventilation for patients ranging from neonates to adults. The PB ventilator system comes with an LCD touchscreen display. The touchscreen can help you adjust the settings while monitoring the patient. The Puritan Bennett 840 ventilation system is the predecessor to the Puritan Bennett 980.

Features

- **Advanced Technology:** DualView touchscreens, High-performance pneumatics, and dual-microprocessor electronics.
- **Easy Upgrades:** Software can be upgraded and customized to meet a variety of future clinical needs.
- **Enhanced noninvasive ventilation (NIV)** for use with a stable respiratory drive.
- **Data Integration:** Supports communication with all major patient monitoring and hospital information systems for use in electronic data transfer.
- **Optional Clinivision Mobile Patient Charting** software provides the ability to practice evidence-based medicine.
- **Low Overall Cost of Ownership:** The Puritan Bennett 840 Ventilator is engineered with high volume environments in mind. It is durable, reliable, and easy to service.



Specifications

Dimensions

Height: 56 In (142.24 cm)

Width (*Wheels in outmost position*): 28.5 In (72.39 cm)

Depth (*Wheels in outmost position*): 29.5 In (74.93 cm)

Weight: 162.7 lbs (73.8 kg)

Battery

Operating Time: A new, fully charged 1-hour BPS can operate the ventilator for at least one hour. This 1-hour BPS will not run the compressor or a humidifier. It is recommended that the 1-hour battery pack be replaced every two years.

Recharge Time: 20-Hours while connected to AC Power

Gas Mixing System

Range of flow from the mixing system: Can be set to 150 L/min standard temperature and pressure, dry (STPD). Additional flow is available (up to 30 L/min for neonatal circuit type, up to 80 L/min for pediatric circuit type, and up to 200 L/min for adult circuit type) for compliance compensation.

Leakage from one gas system to another: Meets standard

Operating pressure range: 35 to 100 psi (241 to 690 kPa)

Air/oxygen regulator bleed: Up to 3 L/min

Oxygen and Air Inlet Supplies

Pressure: 241 to 690 kPa (35 to 100 psi)

Flow: Maximum of 200 L/min

Max Limited Pressure

127.5 cmH₂O (125 hPa)

Max Working Pressure

100 cmH₂O (98.1 hPa), ensured by high pressure limit
90 cmH₂O (pressure-based ventilation)

Minute Volume (V_{E TOT}) Capability

25 to 75 L/min

Bacteria Filter Efficiency

99.97% for nominal particle size of 0.3 µm (micron) at 100 L/min

