

Puritan Bennett 840

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The Puritan Bennett™ 840 ventilator features Covidien's PAV™*+ software, providing a breath type that better manages a patient's breathing effort and let's patient breath more naturally. Anyone from neonatal patients weighing as from 12oz to adult patients weighing as much as 375lb can be accomodated with proper options installed.

Specifications

- Ideal body weight (IBW): 0.3 to 7.0 kg with NeoMode 2.0 (0.66 to 15 lbs), 7.0 to 24 kg (15 to 53 lbs), 25 to 150 kg (55 to 330 lbs)
- Modes: Assist/Control (A/C), synchronized intermittent mandatory ventilation (SIMV), or spontaneous (SPONT), Bi-Level
- Software Options: NeoMode 2.0, Leak Compensation, Tube Compensation, Bi-Level, Volume Ventilation Plus (Volume Control Plus and Volume Support), Proportional Assist™* Ventilation Plus (PAV™*+), Respiratory Mechanics and Trending
- Mandatory breath types: Volume Control (VC), Pressure Control (PC) or Volume Control Plus with Volume Ventilation Plus option
- Spontaneous breath types: Pressure Supported (PS), Volume Supported (VS), Proportional Assist (PA), none
- Vent type: Invasive or Noninvasive
- Pressure support (PSUPP): 0 to 70 cm H2O
- Rise time %: 1% to 100%
- Expiratory sensitivity (ESENS): 1% to 80%; 1 L/min to 10 L/min with PAV™*+
- Tidal volume (VT): 25 to 2,500 mL, 2 to 315 mL with NeoMode

- Respiratory rate (f): 1.0 to 100 /min, 1 to 150 /min with NeoMode
- Peak inspiratory flow (VMAX): 3 to 150 L/min for IBW > 24 kg; 3 to 60 L/min for IBW ≤ 24 kg, 1 to 30 L/min with NeoMode
- Flow pattern: Square or descending ramp
- Plateau time (TPL): 0.0 to 2.0 seconds
- Inspiratory pressure (PI): 5 to 90 cm H₂O
- Constant during rate change: Inspiratory time (TI), I:E ratio or expiratory time (TE)
- Inspiratory time (TI): 0.2 to 8.0 seconds
- I:E ratio: ≤ 1:299-4.00:1
- Expiratory time (TE): TE ≥ 0.2 second
- Trigger type: Pressure (PTRIG) or flow (VTRIG Flow-by flow triggering)
- Pressure sensitivity (PSENS): 0.1 to 20 cm H₂O below PEEP
- Flow sensitivity (VSENS): 0.2 to 20 L/min, 0.1 to 10 L/min with NeoMode
- O₂ %: 21% to 100%
- PEEP: 0 to 45 cm H₂O
- Apnea ventilation: Apnea mandatory type-volume control (VC) or pressure control (PC)
- Apnea flow pattern: Square or descending ramp
- Apnea peak flow (VMAX): ≥ 1.0 L/min to ≤ 30 L/min, ≥ 3.0 L/min to ≤ 60 L/min, ≥ 3.0 L/min to ≤ 150 L/min
- Apnea tidal volume (VT): 3 mL to 315 mL for neonatal; 25 mL to 2500 mL for ped/adult
- Apnea inspiratory pressure (PI): 5 to 90 cm H₂O

- Apnea inspiratory time (TI): 0.2 to 8.0 seconds
- Apnea interval (TA): 10 to 60 seconds
- Apnea respiratory rate (f): 2.0 to 40 1/min
- Apnea O2%: 21% to 100%
- Apnea expiratory time (TE): ≥ 0.2 seconds
- Disconnect sensitivity (DSENS): 20% to 95% or OFF in NIV
- Humidification type: Heat-moisture exchanger (HME), nonheated expiratory tube or heated expiratory tube
- Humidification volume: 100 to 1,000 mL
- Patient circuit type: Pediatric, adult or neonate with NeoMode option

[Get the Operation Manual Here](#)