

KnightStar® 330

BI-LEVEL® VENTILATOR

The powerfully quiet alternative.

Introducing the Puritan Bennett *KnightStar*® 330 *Bi-Level*® Ventilator—a revolutionary new way to noninvasively treat patients with respiratory insufficiency, respiratory failure or sleep disorders. Powerful, yet quiet enough so your patients can sleep comfortably and small enough to fit in your hand, the *KnightStar* 330 ventilator meets the needs of patients and clinicians alike. The high-powered versatility of the *KnightStar* 330 ventilator makes it suitable for treating patients in multiple hospital and institutional settings—emergency department, ICU, subacute and sleep lab—as well as home use.



Puritan Bennett is one of the world's premier producers of respiratory-related medical products serving patients from the hospital to the home.

Quiet—allows for comfortable sleep.

Small—easily carried and transported.

Portable—can be used in any department where respiratory support is needed such as emergency departments, general care and sleep labs.

Lightweight—only 2.7 lbs.

Powerful—pressure range of 3–30 cm H₂O accommodates virtually any patient.

Versatile—meets the respiratory needs of patients in various hospital or institutional settings and home use.

BIG PERFORMANCE

The KnightStar 330 Bi-Level Ventilator

IN A SMALL PACKAGE.

Small, quiet and powerful.

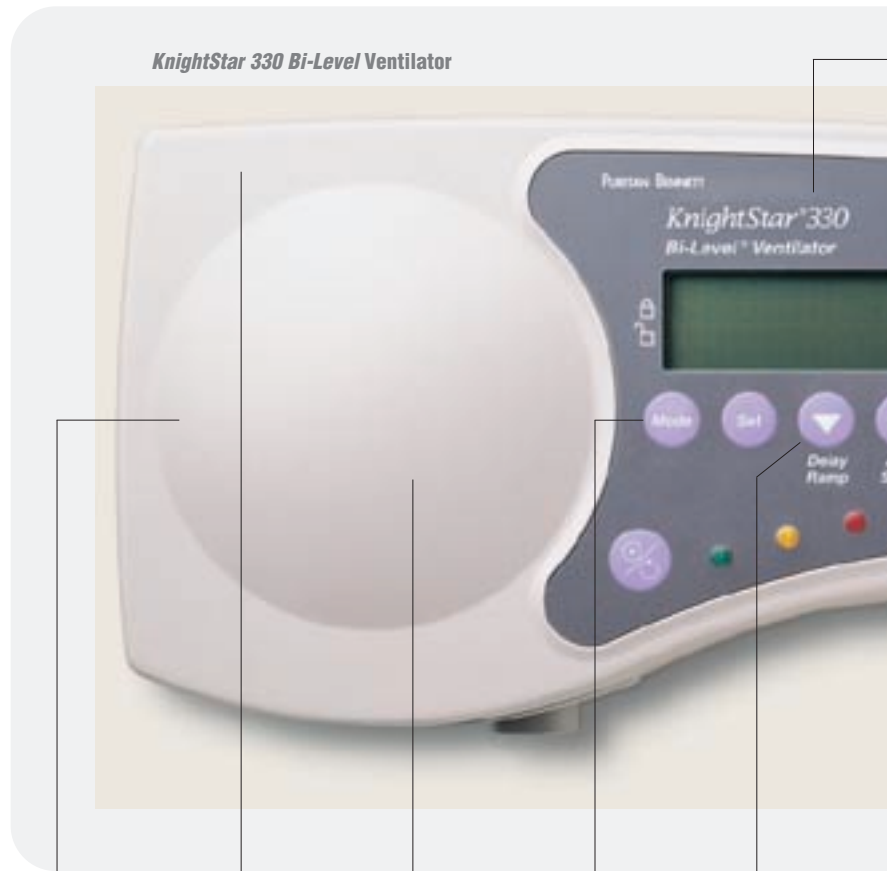
Though small in size and weight, the new *KnightStar 330 Bi-Level Ventilator* is a performance giant. From built-in alarms to unique sensitivity settings, from higher pressure options to adjustable rise time, plus selectable modes—the *KnightStar 330* ventilator performs.

The *KnightStar 330* ventilator's easy-to-use design assists clinicians in effective patient management using such features as:

- Selectable CPAP, I/E, A/C modes that adapt to a variety of patient uses.
- Adjustable settings for inspiratory and expiratory sensitivity and for adjustable rise time, enhancing patient comfort and compliance.
- Back-up rate in AC mode provides patient safety in the event of apnea.

This high-performance, portable system is durable and the low maintenance service requirements provide efficiency that protects your bottom line.

For a demonstration contact your local Puritan Bennett sales representative or call 1-800-635-5267.



Low 30 dBA sound output allows patients to sleep comfortably.

Optional battery mode allows for versatility and portability.

Backup rate in A/C mode provides patient safety in the event of apnea.

Three selectable modes of ventilation.

Adjusts to compensate for different types of mask leaks.

For more information call 1-800-635-5267 or



The easy-to-use design of the *KnightStar 330* ventilator enables simple operation for various applications.



Range of 3–30 cm H₂O pressure accommodates virtually any patient requiring noninvasive ventilation.

Active display assists in patient management.

Leak compensation ensures effective patient ventilation.

Lightweight 2.7 lbs construction aids in transport in the hospital and at home.

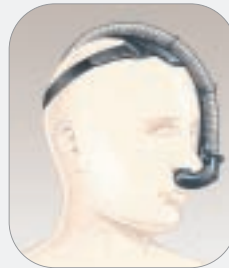
Internal alarms for high and low pressure and loss of power eliminate the need for external pressure monitors.

Interfaces to fit every face.



Breeze SleepGear Interface with DreamSeal Assembly

With unsurpassed comfort and freedom, the *Breeze™ SleepGear™* Interface with *DreamSeal™* permits sleeping in virtually any position. The unique custom-fit design allows the perimeter seal mask to float comfortably over the nose without the hassle and rigidity of straps.



Breeze SleepGear Interface with Nasal Pillows Assembly

Breeze SleepGear Interface can easily be changed for use with a perimeter seal or Nasal Pillow for enhanced flexibility and patient comfort.



ADAM Interface System

Lighter and more comfortable than traditional nasal mask interfaces, the *ADAM™* Interface System (Airway Delivery and Management) is the original CPAP therapy alternative that uses Nasal Pillows.

contact your local Puritan Bennett sales representative.

KnightStar 330

BI-LEVEL VENTILATOR

Specifications

Electrical Characteristics

- Rated Mains Input Voltage: 100–240 V
- Rated Input Frequency: 50–60 Hz
- Rated Input Power: 140 VA
- External Battery Time: Direct current power from a 12-volt external battery pack can operate the *KnightStar 330* ventilator. The 32-ampere/hour external battery provides power for at least 8 hours. If needed, cables are available for connecting the *KnightStar 330* ventilator to a vehicular cigarette lighter outlet.
- Battery Power Ratings:
Rated Input Voltage: 12 V
Rated Input Current: 6.0 A
Rated Input Power: 140 W

Performance

- Working Pressure: 3–30 cm H₂O
(1 cm H₂O = 0.98 hPa)
- Pressure Limit: 40 cm H₂O
- Static Pressure Regulation: 4–30 cm H₂O
- Noise: 30 dBA, 10 cm H₂O
(measured 1 m in front of device)
- Circuit Resistance
Inspiratory: 0.9 cm H₂O at 50 L/min
0.2 cm H₂O at 30 L/min
Expiratory: 5.0 cm H₂O at 60 L/min
4.1 cm H₂O at 30 L/min

Physical Characteristics

- Size: 3.75 in H x 8.25 in W x 5.62 in D
(9.52 cm x 20.95 cm x 14.27 cm)
- Weight: 2.7 lbs (1.23 kg)
- Airway Volume: 55 mL
- Tube Airway Volume: 695 mL (96 ft/1.8 m)
927 mL (8 ft/2.4 m)

Environmental Requirements

- Operating Temperature: +41°F to +104°F
(+5°C to +40°C)
- Operating Humidity: 15% to 95%
noncondensing
- Altitude: 0 to 8,000 ft (9 to 2,438 m)
- Storage Temperature: -40°F to +158°F
(-40°C to +70°C)
- Storage Humidity: 10% to 100%
noncondensing

tyco

Healthcare

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Bennett**

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Specifications subject to
change without notice.

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Ordering Information

Description	Catalog Number
<i>KnightStar 330 Bi-Level</i> Ventilator; includes clinician's manual, user's manual, 6 ft tubing, power cord, outlet air filter, 2 inlet air filters and setup instructions	Y-KS330-NA
6 ft patient tube with internal pressure line	Y-261000-27
8 ft patient tube with internal pressure line	Y-261000-31
Oxygen adapter	Y-616155-03
Calibration shell	S-231702-00
Outlet air filter	L-6108
Inlet air filter (2/package)	Y-101922-00
Passover humidifier kit (includes 13 in hose, base and reservoir)	Y-102938-00
Carrying case	Y-213531-01