

# GoodKnight 420 Series

CPAP SYSTEM

## Specifications

### Performance

- Pressure range: 4 to 20 cm H<sub>2</sub>O (±1 cm H<sub>2</sub>O)
- Pressure adjustment: 0.5 cm H<sub>2</sub>O
- Ramp time: 0 to 30 min. (5-min. increments)
- Ramp start pressure: 4 to CPAP pressure
- Minimum sound level: 25.1 dBA
- Maximum sound level: 31 dBA at 10 cm H<sub>2</sub>O

### Physical Characteristics

- Size: 5.7" W x 3.1" H x 7.8" L  
(14.4 cm x 7.9 cm x 19.8 cm)
- Weight: 1.59 lb (721 g)
- Filters: Cleanable and high-efficiency

### Power Characteristics

- Power supply: Input range 100 – 240 V, 50 – 60 Hz
- Power consumption: 20 VA
- Battery: 12 VCC

### Environmental Requirements

- Operating Temperature: +41°F to +104°F (+5°C to +40°C)
- Operating Altitude: 0 to 7,874 ft (0 to 2,400 m)
- Operating Humidity: Between 10% and 95% noncondensing
- Operating Pressure Range: 700 hPa to 1060 hPa
- Storage Temperature: -4°F to +140°F (-20°C to +60°C)
- Storage Humidity: Up to 95% noncondensing
- Storage Pressure Range: 500 hPa to 1060 hPa

## Ordering Information

Description	Catalog Number
GoodKnight 420G unit with patient tube, carrying case, manuals	Y-GK420GUS
GoodKnight 420S unit with patient tube, carrying case, manuals	Y-GK420S-NA
GoodKnight 420SP unit with patient tube, carrying case, manuals	Y-GK420SP
GoodKnight 420E unit with patient tube, carrying case, manuals	Y-GK420ENA
SilverLining 3 data management software	M-213930-14
SilverLining 3 clinical kit with software, 6 ft download cable and manuals	M-213930-18
Download cable for SilverLining software, 6 ft	M-213930-04
Patient tube for GoodKnight 420G unit, 6 ft	S-133292-00
Patient tube with internal pressure line for GoodKnight 420S/420E units, 6 ft	Y-261000-27
Inlet air filter (cleanable), 1/pkg	M-413950-02
Inlet air filter (high efficiency), 1/pkg	M-413950-04
Carrying case	M-213930-13
Battery cable	M-213930-02
Modem cable	M-213930-05
Modem adapter	M-213530-11
Modem kit (modem cable and adapter)	M-213930-12
Power supply	M-413910-02
Cigarette lighter cable	M-213930-03
GoodKnight H <sub>2</sub> O Heated Humidifier	Y-GKH20-NA

## Puritan Bennett

4280 Hacienda Drive  
Pleasanton, CA 94588  
Tel 925.463.4000  
Toll Free 1.800.635.5267  
www.puritanbennett.com

Tyco Healthcare UK LTD.  
154 Fareham Road  
Gosport, UK PO13 0AS  
Tel +44.1329.224000

Caution: Federal (U.S.A.) law restricts this device to sale by or on the order of a physician.

Specifications subject to change without notice.

© 2006 Nellcor Puritan Bennett Incorporated. All trademarks belong to Tyco Healthcare Group LP or an affiliate. All rights reserved.

A.x 0729v6-0906  
ST04502

SMALL ON SIZE,  
BIG ON COMFORT.



Weights only 1.59 pounds and measures 3.1" high, 5.7" wide, 7.8" deep.

[goodknight® 420seriescpapsystem]

PURITAN  
BENNETT



## Small system, big difference.

### GOODKNIGHT® 420 SERIES CPAP SYSTEM

Compliance with therapy will be easier than ever when sleep apnea patients discover the comfort and performance of the small, lightweight and quiet *GoodKnight*® 420 CPAP system from Puritan Bennett. At a mere 1.59 pounds, the *GoodKnight* 420 series devices are so small they're barely noticeable at the bedside and convenient to pack for travel.

The *GoodKnight* 420 CPAP system is available in three models—including the 420E auto-CPAP unit. A wide pressure range of 4 to 20 cm H<sub>2</sub>O and advanced features for patient management make the *GoodKnight* 420 units equally effective for home, hospital or sleep lab use.

■ **GoodKnight 420G** This entry-level model provides quiet, effective therapy.

■ **GoodKnight 420S** This model can record up to 600 sessions of compliance data. It also detects persistent residual apnea, hypopnea and snoring events that occur at set-pressure, allowing appropriate adjustments to therapy.

■ **GoodKnight 420SP** Similar to the 420S, this device detects apneas without the need for an external sensing line. It uses standard tubing for easier inventory management.

■ **GoodKnight 420E** This advanced auto-CPAP model records up to 200 sessions of compliance data and includes other features of the 420S model. The auto-CPAP function adapts to airway pressure needs on both a short- and long-term basis.

- Detects apneas with and without cardiac oscillations to avoid increasing pressure on central apneas with open airways.
- Detects inspiratory flow limitation with and without hypopnea to adapt to pressure needs and avoid increasing pressure on central hypopneas.
- Detects and responds to snoring events.

1.59 pounds  
3.1" high  
5.7" wide  
7.8" deep



Features	420G Base Model	420S w/Compliance Tracking	420SP w/Compliance Tracking	420E Auto-CPAP
Compliance and hour meters	•	•	•	•
Pressure sensor	•	•	•	•
Automatic leak compensation	•	•	•	•
Automatic altitude compensation	•	•	•	•
Ramp feature	•	•	•	•
Compliance data can be downloaded		•	•	•
SilverLining® data management software option		•	•	•
Detects apnea, hypopnea and snoring events		•	*	•
Reacts to apnea, hypopnea and snoring events				•
Detects and reacts to inspiratory flow limitation				•
Detects apnea with and without cardiac oscillations				•
Compatible with optional heated humidifier	•	•	•	•

\* The 420SP will only detect apneas.

- Ultra-small turbine blower offers rapid response to enhance patient comfort
- Whisper-quiet operation
- Adjustable pressure sensor calibration promotes accurate, reliable operation
- Optional *SilverLining*® 3 data management software provides compliance information and other patient data in easy-to-format custom reports

The *GoodKnight* 420S and 420E models measure pressure at the mask, rather than at the device, for a precise measurement and better comfort.



Indicated for patients 30 kg and over, the *GoodKnight* 420 CPAP system can be used with pediatric patients as well as adults.

### Proven Interface Technology

Puritan Bennett gives patients unsurpassed comfort with its proven line of CPAP interfaces, including the *Breeze*® *SleepGear*® interface—the only interface to offer the freedom of Nasal Pillows. Patients report better sleep quality, less air leakage and greater overall satisfaction with Puritan Bennett® Nasal Pillows compared with nasal masks.<sup>1</sup>



#### Breeze SleepGear Interface

The *Breeze SleepGear* is a unique interface that can be used with Nasal Pillows or the *DreamSeal*® mask. There are no complicated or confining straps. The interface floats comfortably over the nose and allows a number of adjustments for optimal fit.



#### DreamFit™ Nasal Mask

The *DreamFit* is a cost-effective nasal mask that is easy to adjust and comfortable to wear night after night. The airway hose routes over the head for maximum freedom of movement during sleep.



#### GoodKnight H<sub>2</sub>O Heated Humidifier

The *GoodKnight* H<sub>2</sub>O heated humidifier reduces dryness in the patient's nose and throat for better comfort. Patented HumidControl feature reduces condensation in the tubing.

<sup>1</sup> Massie CA, Hart RW. *Chest*. 2003;123:1112-1118.



For more information call 1-800-635-5267 or visit [www.puritanbennett.com](http://www.puritanbennett.com)