

GoodKnight 420 Series

CPAP SYSTEM

Specifications

Performance

- Pressure range: 4 to 20 cm H₂O (±1 cm H₂O)
- Pressure adjustment: 0.5 cm H₂O
- 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 H₂O

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 ₂ 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 H₂O 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.¹



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 H₂O Heated Humidifier

The *Goodknight* H₂O heated humidifier reduces dryness in the patient's nose and throat for better comfort. Patented HumidControl feature reduces condensation in the tubing.

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

