



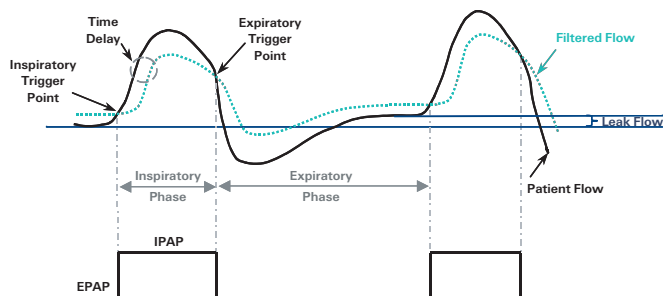
## Amazingly Small, Undeniably Effective.

Patients requiring bi-level pressure can now enjoy the benefits of the world's smallest, lightest sleep therapy devices. The *GoodKnight 425 Bi-Level*® device from Puritan Bennett offers the whisper-quiet operation of our patented turbine-based blower. The *GoodKnight 425ST* device gives patients the added benefit of a backup rate that delivers a machine-triggered breath in the event of apnea or hypopnea. Both options are effective for treating patients with obstructive sleep apnea and both units feature FlowSens technology for improved patient comfort.

## [goodknight® 425/425STbi-level® devices]

### > FlowSens Technology

Puritan Bennett's *Bi-Level* devices incorporate our patented FlowSens technology to help optimize breathing comfort and to reduce the sensation of exhaling against incoming flow.



### > How FlowSens Works

- A unique flow-based detection system continuously optimizes patient comfort; patient air flow is compared with a delayed flow to determine the inspiratory and expiratory trigger points.
- The  $I_{sens}$  and  $E_{sens}$  settings allow clinicians to customize the device's inspiratory and expiratory positive airway pressure (IPAP and EPAP) settings to accommodate each individual's unique breathing pattern.
- FlowSens technology estimates and compensates for mask leaks on a breath-by-breath basis; prevents autocycling.

**PURITAN  
BENNETT**

# [goodknight425/425STbi-leveldevices]

Characteristics	GoodKnight 425/425ST
Dimensions (W x D x H)	5.6 x 7.7 x 3.0 in / 14.2 x 19.5 x 7.5 cm
Weight	1.68 lbs / 760 g
Power supply	Input range 100-240 V, 50-60 Hz
Power consumption	40 VA
Battery	12 V DC
Filters	Cleanable and high-efficiency
Noise level	≤ 30 dBA at 10 cm H <sub>2</sub> O

Features	GoodKnight 425	GoodKnight 425ST
Pressure set method	•	•
Keyboard	•	•
Modem	•	•
Direct connection to PC	•	•
Automatic altitude compensation	•	•
Automatic leak compensation	•	•
FlowSens algorithm	•	•
Backup rate		•
On/Off sessions	500	500
Compliance data	•	•
Respiratory rate	•	•

Settings	GoodKnight 425/425ST
IPAP	3 to 25 cm H <sub>2</sub> O
EPAP	3 to 20 cm H <sub>2</sub> O
Press adjust	0.5 cm H <sub>2</sub> O
Ramp time	0 to 30 min (5-min. increments)
Ramp start pressure	3 to EPAP
Pressure rise time	1-5 (300-600 ms)
I <sub>sens</sub>	1-10
E <sub>sens</sub>	1-10

Additional Settings for GoodKnight 425ST	
Backup frequency	0 or 4-25 bpm
I/E ratio	1/4-1/0,5

## Ordering Information

Description	Catalog Number
GoodKnight 425 Bi-Level device with patient tube, carrying case, manuals	Y-GK425-NA
GoodKnight 425ST Bi-Level device with patient tube, carrying case, manuals	Y-GK425ST-NA
GoodKnight 425 Bi-Level device with H <sub>2</sub> O Heated Humidifier	Y-425H2O
GoodKnight 425ST Bi-Level device with H <sub>2</sub> O Heated Humidifier for ST	Y-425STH2O
SilverLining 3 Clinical Kit with software, 6-ft. download cable, manual	M-214530-18
GoodKnight 425/425ST Bi-Level device Inlet Baffle Foam, 1/pkg	M-413950-01
GoodKnight 425/425ST Bi-Level device External Transformer (power supply not included)	M-414510-00
GoodKnight 425/425ST Bi-Level device Power Supply	M-660600-39
GoodKnight 420/425/425ST Carrying Case	M-213930-13
GoodKnight 425/425ST Bi-Level device Cigarette Lighter Cable	M-214530-01
GoodKnight 425/425ST Bi-Level device Portable Battery (can last up to 6 hours)	Y-CGVP7120

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.

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To learn more about Puritan Bennett sleep therapy devices, interfaces and accessories, contact your local Puritan Bennett representative, call 1-800-635-5267 or visit [www.puritanbennett.com](http://www.puritanbennett.com).

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**Puritan  
Bennett**

4280 Hacienda Drive  
Pleasanton, CA 94588  
Tel 925.463.4000  
Toll Free 1.800.635.5267  
[www.puritanbennett.com](http://www.puritanbennett.com)

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