

SleepStyle™ 600

CPAP SERIES



Specification Sheet

An Optimal CPAP Solution



The SleepStyle™ 600 CPAP Series with innovative design delivers:

- *Optimal humidification with ThermoSmart® Technology*
- *Optimal patient comfort and reliability for a better night's sleep*
- *Optimal clinical, patient-care and commercial results*

Smart Technology for Optimum Results

The **SleepStyle™ 600 CPAP Series** – an integrated CPAP family with the unique and most advanced CPAP humidification technology, **ThermoSmart®** - delivers **optimal** sleep performance for **optimal** therapy results.



Figure 1:
ThermoSmart® Heated Breathing Tube

CLINICAL RESULTS

Until today the benefits of humidification¹ in CPAP therapy have been compromised by changing ambient temperature. Changes in temperature cause condensation and mask pressure instability in addition to humidity loss in therapy.

ThermoSmart® Technology, with its heated breathing tube adapted from sophisticated intensive care humidification, delivers higher and customized humidity levels that are maintained throughout the night, regardless of ambient temperature change. **ThermoSmart® Technology** provides optimal patient comfort and therapy effectiveness through:

- **Prevention of condensation*** and
- Absolute mask pressure **stability**, but also
- **Optimal** humidity delivery in all environments

Research has shown that CPAP users experience mouth leak up to 31% of total sleep time.³ Mouth leak is known to cause excessive drying of the nasal mucosa and congestion due to increased nasal airway resistance.^{4,5} Humidity levels of 30mg/L (absolute) at 30°C have shown to prevent any increase in nasal airway resistance following a mouth leak.⁵

These levels (Figure 2) represent the natural conditions of the upper airways during inspiration that should be matched in the output of gas delivery systems.⁶

Conventional humidifiers are unable to supply these levels. A typical conventional humidifier will only provide humidity levels of approximately 18mg/L (absolute) at 22°C. Any efforts to increase this will only result in condensation.

Optimal humidity delivery is only possible with ThermoSmart® Technology. It results in optimal sleep performance due to higher comfort levels leading to improved patient acceptance and compliance.

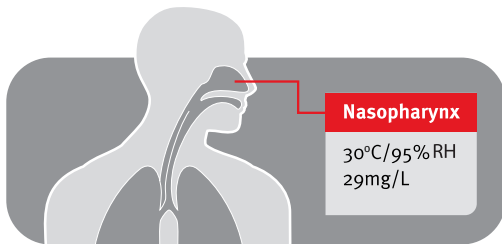


Figure 2:
Adapted from Chatburn R, Primiano F A, 1987

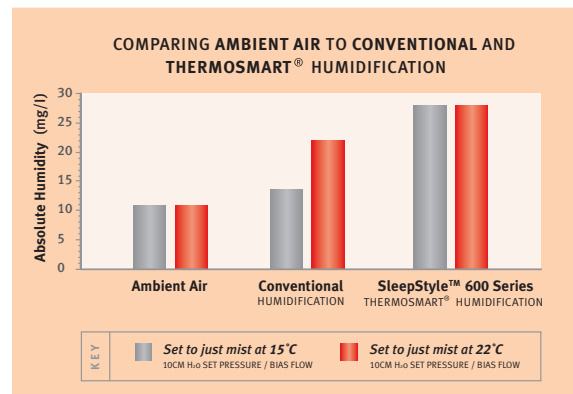


Figure 3: Comparing humidity levels of ambient air with conventional and ThermoSmart® Humidification

* Subject to the operating conditions specified in the applicable Operating Manual.



An intuitive navigation menu is common across all models.

PATIENT CARE RESULTS

The **SleepStyle™ 600 CPAP Series** has been designed for integrated simplicity and optimum patient comfort.

Its simplicity ensures quick and easy:

- Set-up and use
 - Cleaning and maintenance,
- while patients continue to receive the most **comfortable therapy** due to the customizable levels of warmth and moisture.

Travel needs are satisfied with a **compact and robust** “truly integrated” CPAP that adjusts altitude and voltage anywhere in the world.

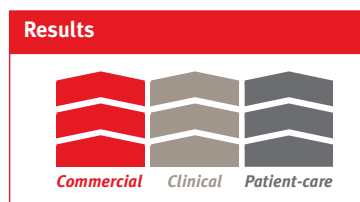
COMMERCIAL RESULTS

The time-saving features of the **SleepStyle™ 600 CPAP Series** meet your business needs. They include **minimized setup times and patient follow-up issues:**

- Intuitive navigation menu including one-step operation to adjust humidity
- Patient compliance monitoring generates a one-page report via a quick telephone call, or a more comprehensive report by machine download
- Optimal humidity delivery ensures unsurpassed levels of patient comfort leading to increased acceptance and compliance

Value-added features to increase compliance:

- **ThermoSmart®** – patented unique heated breathing tube technology for optimal humidity independent of ambient conditions
- **Proportional ramp** – short term pressure relief to allow initiation of sleep



Our business, like yours, is all about results. Optimal results come from a range of high-performance features.



SleepStyle™ 600 CPAP Series

The table below shows the range of performance features available in the SleepStyle™ 600 CPAP Series

SleepStyle™ 600 Series		Units*	
Performance Category	Performance Feature	604	608
Humidification Delivery	A Fully Integrated System	●	●
	B ThermoSmart® Technology	○	○
Performance Logging	C Compliance Maximizer™ Software	●	●
	D Titration Maximizer™ Software	●	●
Pressure Control	E Altitude Adjustment Control	●	
	Manual Automatic		●
	F Leak Compensation		●

* Some models not available in all countries

SleepStyle™ 600

CPAP SERIES

- **THERMOSMART® TECHNOLOGY** is customizable and represents the most advanced form of humidified CPAP treatment by incorporating a heated breathing tube.
- **PERFORMANCE** - improved CPAP performance features of the SleepStyle™ 600 CPAP Series include:
 - Performance Logging with Compliance Maximizer™ Software
 - Manual/automatic Altitude Adjustment
 - Leak Compensation (available in SleepStyle™ 608)
 - Pressure Control feature via Titration Maximizer™ Software or Remote Control
- **SIMPLICITY AND EASE OF USE** - The all-new intuitive menu, quiet operation and compact design add up to a quick and easy set-up.



The SleepStyle™ 600 CPAP Series will help you provide 24-hour wellness for your patients. Advanced technologies deliver the best in sleep performance for an energized lifestyle. For more information or to view our complete SleepStyle™ CPAP family, visit www.fphcare.com.



SLEEPSTYLE™ 600 CPAP SERIES PACK INCLUDES:

- CPAP unit with ThermoSmart® Technology
- Carry Bag
- 2 Standard Chambers
- 900HC522 ThermoSmart® Heated Breathing Tube
- 900HC240 Air Filter - 2 Pack

ACCESSORIES

- | | |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| HC365S | Standard Humidification Chamber for SleepStyle™ 600 CPAP Series, 600ml capacity |
| HC360* | Extended Life Humidification Chamber for SleepStyle™ 600 CPAP Series. Removable base and chamber dome, dishwasher safe, non autoclavable, 600ml capacity |
| 900HC522 | ThermoSmart® Heated Breathing Tube |
| 900HC240 | Air Filter (2 Pack) |
| 900HC230 | Compliance Maximizer™ Software |
| 900HC232 | Compliance Download Cable |
| 900HC607 | Titration Maximizer™ Software |
| 900HC236 | Isolated Serial Adaptor |
| 900HC226 | Extension Cable |

PRODUCT SPECIFICATIONS

- | | |
|----------------------------|---------------------------------------------|
| Dimensions: | 273mm x 170mm x 175mm (10.7" x 6.7" x 6.9") |
| Weight: | 2.1kg (4.6lbs) unit only |
| Chamber Capacity: | 600ml |
| Electrical Ratings: | Supply Frequency 50-60Hz |
| | Voltage Current 100-115V ~ (1.5A, 1.7A max) |
| | 220-240V ~ (1.0A, 2.0A max) |
| Operating Pressure: | 4-20cm H ₂ O |
| Inverter: | 115V - 200W/300W surge |
| | 230V - 300W/500W surge |



SleepStyle™ 600 CPAP SERIES

* Not available in all countries

REFERENCES: 1. Massie, CA, Hart RW, Peralez K et al. Effects of humidification on nasal symptoms and compliance in sleep apnea patients using continuous positive airway pressure. Chest 1999; 116(2): 403-8. 2. Bacon JP, Farney RJ, Jensen RL et al. Nasal continuous positive airway pressure devices do not maintain the set pressure dynamically when tested under simulated clinical conditions. Chest 2000; 118 (5):1441-9. 3. Martins De Araujo MT, Vieira SB, Vasquez EC et al. Heated humidification or face mask to prevent upper airway dryness during continuous positive airway pressure therapy. Chest 2000; 117 (1):142-7. 4. Hayes MJ, McGregor FB, Roberts DN et al. Continuous nasal positive airway pressure with a mouth leak: effect on nasal mucosal blood flux and nasal geometry. Thorax 1995; 50 (11):1179-82. 5. Richards GN, Cistulli PA, Ungar RG et al. Mouth leak with nasal continuous positive airway pressure increases nasal airway resistance. Am J Respir Crit Care Med 1996; 154 (1):182-6. 6. Chatburn R, Primiano F. A Rational Basis For Humidity Therapy. Respiratory Care 1987; 32 (4):249-54.

FOR MORE INFORMATION, PLEASE CONTACT YOUR LOCAL FISHER & PAYKEL HEALTHCARE REPRESENTATIVE:

Fisher & Paykel Healthcare has a policy of continuous product improvement and reserves the right to alter specifications without notice. Patented in principal countries around the world.

International P O Box 14 348, Panmure, Auckland 1741, New Zealand Tel: +64 9 574 0100 Fax: +64 9 574 0158 Email: info@fphcare.com Web: www.fphcare.com

Australia Tel: +61 3 9879 5022 Fax: +61 3 9879 5232 **Austria** Tel: 0800 29 31 23 Fax: 0800 29 31 22 **Benelux** Tel: +31 78 644 0924 Fax: +31 78 644 0914

China Tel: +86 20 3205 3486 Fax: +86 20 3205 2132 **France** Tel: +33 1 6446 5201 Fax: +33 1 6446 5221 **Germany** Tel: +49 7182 93777 0 Fax: +49 7182 93777 99

India Tel: +91 80 4123 6041 Fax: +91 80 4123 6044 **Irish Republic** Tel: 1800 409 011 **Italy** Tel: +39 06 7839 2939 Fax: +39 06 7814 7709 **Japan** Tel: +81 3 3661 7205

Fax: +81 3 3661 7206 **Middle East** Tel: +9 71 4 360 0849 Fax: +9 71 4 368 8110 **Spain** Tel: +34 902 013 346 Fax: +34 902 013 379 **Switzerland** Tel: 0800 83 47 63 Fax: 0800 83 47 54

UK (EU Authorised Representative) Tel: +44 1628 626 136 Fax: +44 1628 626 146 **Northern Ireland** Tel: 0800 132 189 **USA** Tel: 1800 446 3908 +1 949 453 4000 Fax: +1 949 453 4001