

**PHILIPS**  
RESPIRONICS

*DreamStation*

Ventilation solutions

BiPAP AVAPS



## DreamStation BiPAP AVAPS makes your patient's care personal and automatic, and your patient management **efficient and effective.**

### Connectivity

Offers more monitoring choices than any leading noninvasive brand with the most comprehensive suite of connectivity options among leading ventilation brands.\*

Excellent patient care is automated.

### Dream Family

- Patient-driven design
- Supports long-term use
- Increased efficiencies



### Intuitive ventilation therapies

- AVAPS - Automatically delivers customized care by adapting to disease progression.
- Digital Auto-Trak - Adjusts ventilation to the patient's natural breathing while compensating for leaks.
- AVAPS-AE - Auto-titration mode has the proven performance of AVAPS, maintains a patent airway and applies an auto back-up rate.
- Automated Airway Management in any ventilation mode - Automatically and dynamically manages a patient's upper airway in any ventilation mode.

### Humidification (optional)

- Fixed, adaptive, heated tube
- Pre-heat humidifier option
- Modular design with one-piece, dishwasher-safe water chamber

**Daily Progress Feedback** displays a simple trend of the patient's nightly use to help track progress.

**DreamMapper** patient self-management system compatibility.

## Proof you can believe in

### Average volume-assured pressure support

AVAPS delivers customized patient care by automatically adapting pressure support to maintain a consistent tidal volume. AVAPS automatically adjusts to disease progressions and changing patient needs. It helps to maintain optimal patient comfort while supporting patient care and ventilation efficacy and simplifying the titration process.<sup>1</sup>

AVAPS provides beneficial physiological improvements, resulting in a more efficient decrease of PtcCO<sub>2</sub> compared to BPV-S/T therapy alone.<sup>1</sup>

The AVAPS ventilation feature automatically provides treatment for PaCO<sub>2</sub> reduction.<sup>1</sup>

AVAPS has been developed to ensure a more consistent tidal volume per breath while delivering the comfort and advantages of pressure support ventilation.<sup>1</sup>

<sup>1</sup>Windisch, Wolfram. "Average Volume-Assured Pressure Support in Obesity Hypoventilation." CHEST 130 (2006): 815  
With respiratory insufficiency patients diagnosed with Obesity Hypoventilation Syndrome

\*2016 internal assessment of leading competitive BiPAP devices with backup breath rate comparing Resmed Lumis and AirCurve NIV product lines

# Specifications

## DreamStation AVAPS

|                                 |   |
|---------------------------------|---|
| Humidification                  | Heated humidification: fixed, adaptive  |
| Data storage capacity (minimum) | SD card: 6 months, On-board: 3 months   |
| Filters                         | Reusable pollen; disposable ultra-fine  |
| Device controls                 | LCD, control dial/push button   |
| Warranty                        | 2 years (US)  |
| Dimensions                      | 15.7 x 19.3 x 8.4 cm (w/o humidifier)<br>29.7 x 19.3 x 8.4 cm (w/ humidifier)                   |
| Weight                          | 1.33 kg/2.94 lbs (w/o humidifier)<br>1.98 kg/4.37 lbs (w/ humidifier)<br>Including power supply |
| Electrical requirements         | 100 – 240 VAC, 50/60 Hz, 2.0-1.0 A  |

## Prescription guidelines

|                      |  |
|----------------------|--|
| Ventilation Pressure | 4 to 30 cm H <sub>2</sub> O (increment is .5 cm H <sub>2</sub> O)<br>EPAP: 4 to 25 cm H <sub>2</sub> O (increment is .5 cm H <sub>2</sub> O)<br>CPAP max pressure is 20 cm H <sub>2</sub> O  |
| Modes                | CPAP, S, S/T, T, PC  |
| Breaths per Minute   | 1 to 30 (increment is 1 breath)  |
| Ventilation Features | <b>Digital Auto-Trak</b><br>No settings – fully automated triggering, cycling and leak compensation<br><b>AVAPS</b><br>Target volume: 200 to 1500 ml per breath (increment is 10 ml)<br>Max. IPAP: 6 cm H <sub>2</sub> O to 30 cm H <sub>2</sub> O<br>Min. IPAP: EPAP plus 2 cm H <sub>2</sub> O to 30 cm H <sub>2</sub> O (Minimum Pressure support is 2 cm H <sub>2</sub> O) |
| Inspiration Time     | .5 to 3.00 seconds (increment is .1 seconds)   |
| Rise Time            | 1 to 6   |
| Ramp Time            | 5 to 40 minutes (increment is 5 minutes)   |
| Flex Pressure Relief | 0 to 3 (only in S-mode)  |
| Humidification       | Heated humidification, fixed, adaptive (standard 15mm or 15 mm heated tube)  |

# Ordering information

| DreamStation AVAPS                                       | Part number | With cellular modem | With WiFi modem |
|--|-------------|---------------------|-----------------|
| DreamStation BiPAP AVAPS                                 | ??X1130S11  | ??X1130S11C         | ??X1130S11W     |
| DreamStation BiPAP AVAPS with humidifier                 | ??X1130H11  | ??X1130H11C         | ??X1130H11W     |
| DreamStation BiPAP AVAPS with humidifier and heated tube | ??X1130T11  | ??X1130T11C         | ??X1130T11W     |

  

| Humidification                   | Part number | Connectivity                      | Part number |
|----------------------------------|-------------|-----------------------------------|-------------|
| DreamStation humidifier          | DSXH        | Cellular modem, oximetry capable  | 100600C     |
| DreamStation water chamber       | 1122520     | Wi-Fi accessory, oximetry capable | 100700W     |
| DS Humidifier Dry Box Assembly   | 1120668     |                                   |             |
| DS Humidifier Flip Lid Seal      | 1120617     |                                   |             |
| DS Humidifier Dry Box Inlet Seal | 1120613     |                                   |             |

  

| Tubes                             | Part number | Oximetry                               | Part number |
|-----------------------------------|-------------|--|-------------|
| 15mm Std Tube – DreamStation - RP | PR15        | Link module                            | 1120293     |
| 15mm Heated Tube                  | HT15        | Nonin SpO <sub>2</sub> , assembly      | 1121694     |
|                                   |             | Reuseable finger sensor (clip)         | 936         |
|                                   |             | Oximetry finger sensor, adult, flex    | 953         |
|                                   |             | Flexiwrap, sens tape, adult, 25/pk     | 954A        |
|                                   |             | Reuseable finger sensor (soft), medium | 1062050     |
|                                   |             | Reuseable finger sensor (soft), small  | 1062051     |

  

| Filters                                    | Part number | Travel                                 | Part number |
|--|-------------|--|-------------|
| Pollen filter, reusable (1 per pack)       | 1122446     | Universal PAP/laptop travel briefcase  | 1114784     |
| Ultra-fine filter, disposable (1 per pack) | 1122447     | DreamStation replacement carrying case | 1121162     |
| Ultra-fine filter, disposable (6 per pack) | 1122519     |  |             |

  

| Power management              | Part number | Roll stand | Part number |
|-------------------------------|-------------|------------|-------------|
| DreamStation 80W power supply | 1118499     | Roll stand | 1131859     |
| Power cord                    | 1005894     |            |             |
| Shielded DC cord              | 1120746     |            |             |
| PAP Lithium Ion Battery Kit*  | 1124009     |            |             |

\*Includes a rechargeable lithium ion battery pack, a PAP device cable, and a battery case.

© 2016 Koninklijke Philips N.V. All rights reserved. Specifications are subject to change without notice. The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and the use of such marks by Philips Respironics is under license. Wi-Fi is a trademark of Wi-Fi Alliance. [www.philips.com/respironics](http://www.philips.com/respironics)



Caution: US federal law restricts these devices to sale by or on the order of a physician.

KW 12/8/16 PN464989  
1010 Murry Ridge Lane, Murrysville, PA 15668  
800-345-6443 · 724-387-4000