

**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) 29.7 x 19.3 x 8.4 cm (w/ humidifier)
Weight	1.33 kg/2.94 lbs (w/o humidifier) 1.98 kg/4.37 lbs (w/ humidifier) 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) EPAP: 4 to 25 cm H <sub>2</sub> O (increment is .5 cm H <sub>2</sub> O) 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> No settings – fully automated triggering, cycling and leak compensation <b>AVAPS</b> Target volume: 200 to 1500 ml per breath (increment is 10 ml) Max. IPAP: 6 cm H <sub>2</sub> O to 30 cm H <sub>2</sub> O 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.

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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