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.[1]

AVAPS provides beneficial physiological improvements, resulting in a more efficient decrease of $PtcCO_2$ compared to BPV-S/T therapy alone.[1]

The AVAPS ventilation feature automatically provides treatment for $PaCO_2$ reduction.[1]

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

[1]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_2O (increment is .5 cm H_2O) EPAP: 4 to 25 cm H_2O (increment is .5 cm H_2O) CPAP max pressure is 20 cm H_2O
Modes	CPAP, S, S/T, T, PC
Breaths per Minute	1 to 30 (increment is 1 breath)
Ventilation Features	*Digital Auto-Trak* No settings – fully automated triggering, cycling and leak compensation *AVAPS* Target volume: 200 to 1500 ml per breath (increment is 10 ml) Max. IPAP: 6 cm H_2O to 30 cm H_2O Min. IPAP: EPAP plus 2 cm H_2O to 30 cm H_2O (Minimum Pressure support is 2 cm H_2O)
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 BiPAP AVAPS	Part number	Humidification	Part number
DreamStation BiPAP AVAPS25 NB, India	IAX1125S19	DreamStation Humidifier, India	IAXH
POWER CORD W/C7 END, INDIA	1060017	DS Humid, User Manual, EN-INTL NON-CE v00	1154354
DS, S/T AVAPS, Manual, EN-INTL Non CE v00	1154353		
DreamStation BiPAP AVAPS30AAM NB, India	IAX1130S19		
POWER CORD W/C7 END, INDIA	1060017		
DS, S/T AVAPS, Manual, EN-INTL Non CE v00	1154353		
DreamStation BiPAP AVAPS30AEAAM /NB, IA	IAX1131S19		
POWER CORD W/C7 END, INDIA	1060017		
DS, S/T AVAPS, Manual, EN-INTL Non CE v00	1154353		

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

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