



System One
Advanced devices

Category: Advanced

BiPAP AVAPS



Improved patient care is now automatic

Aligned with the same platform as our System One sleep therapy technology, the Philips Respironics **BiPAP AVAPS noninvasive ventilator** provides the comfort of pressure ventilation and the consistent efficacy of assured tidal volume. Adapting automatically to changing patient needs, BiPAP AVAPS incorporates System One advanced technologies that help simplify patient care.

System One features

- Advanced event detection
- Bi-Flex for comfort
- System One Resistance Control
- Oximetry module
- Encore and DirectView patient management systems
- SD card and wired, wireless, and broadband modem capable
- Digital Auto-Trak

AVAPS (Average Volume Assured Pressure Support)

- Automatically adapts to disease progressions and changing patient needs
- Maintains optimal patient comfort while supporting patient care and efficacy
- Improves ventilation efficacy
- Simplifies the titration process

Heated Tube humidification

- Air temperature control
- Improved humidification
- Rainout protection

US

- | | |
|----------|---|
| DS1160S | BiPAP AVAPS, C Series |
| DS1160HS | BiPAP AVAPS, C Series, core package |
| DS1160TS | BiPAP AVAPS, C Series, Heated Tube core package |

Canada

- | | |
|-----------|---|
| CA1161X | BiPAP AVAPS, C Series |
| CA1161XTS | BiPAP AVAPS, C Series, Heated Tube core package |

Enhanced functionality

- Heated Tube technology tailors humidity levels to patient needs
- Increased pressure capabilities to 30 cm H₂O
- Onboard memory stores patient therapy data without an SD card
- System One alignment leverages accessories across all Philips Respironics sleep therapy and noninvasive ventilator devices



We're working with you to establish healthier businesses by streamlining patient management, increasing efficiency, and maximizing value.



BiPAP AVAPS specifications

Modes	Comfort features		Encore/DirectView data capture and reporting			
	Flex comfort	System One Resistance Control	Patterns of use	Advanced event detection*	Flow waveform	Reimbursement
CPAP, S, S/T, PC, T	Bi-Flex	Standard	Standard	Standard	NA	RAD with backup rate

*Philips Respironics devices with advanced event detection detect, respond to (some models), and log these advanced events: Apnea Hypopnea Index (AHI), respiratory-related arousal (RERA), snore, flow limitation (FL), leak, vibratory snore (VS), obstructive airway apnea (OA), large leak (LL), clear airway apnea (CA), periodic breathing (PB), and hypopnea (H).

Specifications	
Pressure range	EPAP 4-30 cm H ₂ O IPAP 4-30 cm H ₂ O CPAP 4-20 cm H ₂ O
Breath rate	0-30 BPM
Flex pressure relief	0 to 3 (S-Mode)
Ramp time	0 to 45 min (5-min increments)
Starting ramp	4 to EPAPmin
Dimensions	7" L x 5.5" W x 4" H 18 cm L x 14 cm W x 10 cm H
Weight	3 lbs; 1.36 kg (without humidifier)
Filters	Foam and optional ultra-fine
Device setup	LCD/control wheel/push button
Data storage capacity (minimum)	Display: compliance VIC, 1-, 7- and 30-day averages SD card > 1 year On-board: up to 3 months
Compliance meter	Breathing detection
Altitude compensation	Automatic
Electrical requirements	100-240 VAC, 50/60 Hz
Humidification	Integrates with System One 60 Series humidifier and System One 60 Series Heated Tube humidifier
Warranty	Two years (US only)
Miscellaneous	Lighted LEDs

Ventilation accessories	
Humidification	Part number
System One 60 Series humidifier	DS6H IN6H (Canada)
System One 60 Series Heated Tube humidifier (includes 80 watt power supply and Heated Tube)	DS6T IN6T (Canada)
Water chamber (includes both 50 and 60 Series lids)	1063785
Heated Tube humidifier upgrade kit	6T-CONVKIT
Tubing	
System One Heated Tube	SYS1HT15
System One Performance Tubing (15mm)	1074400
System One Performance Tubing (22mm)	1032907
Filters	
Pollen (foam) filter, reusable (1/pack)	1035443
Pollen (foam) filter, reusable (2/pack)	1029330
Ultra-fine filter, disposable (1/pack)	1063096
Ultra-fine filter, disposable (2/pack)	1035442
Ultra-fine filter, disposable (6/pack)	1029331
Accessories	
Device side panel	1099592
Carrying case	1063857



Designed, engineered and assembled in the USA

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Please visit www.philips.us/bipapavaps



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

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