Tailored ventilation

Philips Respironics BiPAP A40 - because every patient is different

Because our innovations are inspired by you and your patients, the bi-level ventilator BiPAP A40 has been designed to combine ease-of-use and comfort with technological innovations that adapt to your patient's condition to deliver enhanced therapy.

Based on a familiar platform, BiPAP A40 comes with well-known and clinically proven Philips Respironics technology such as Auto-Trak, AVAPS and a Dry Box humidifier design. The device is capable of non-invasive and invasive pressure ventilation, up to 40 cmH_2O, providing treatment for your patients with chronic respiratory insufficiency.

BiPAP A40 can provide autonomy and increased support to patients, thanks to its specially designed battery module.

The device features AVAPS-AE, an innovative mode of ventilation designed to help clinicians during titration process, while maintaining comfort and therapy optimization. This new ventilation mode helps in providing long-term therapy compliance, regardless of changes to the body position, sleep stages and respiratory mechanics.

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AVAPS-AE mode

In AVAPS-AE mode, the device monitors the patient's upper airway resistance and automatically adjusts the delivered EPAP required to maintain a patent airway. Simultaneously, BiPAP A40 automatically adjusts pressure support to maintain a target tidal volume, and when the breath rate is set to Auto, the device will adjust the back-up breath rate based on the patient's spontaneous respiratory rate.

Ordering information	Part no.
Devices	
BiPAP A40, Canada *	1076579

* contains BiPAP A40 ventilator with SD card, power cord, AC power adapter, user manual, ultra fine filter, grey foam filter, tubing, and carrying case

Accessories	
A Series humidifier, International	1077107
Battery module	1096770
Detachable battery	1043570
Ultra fine filter kit	1063096
Foam filter kit	1063091
Power supply	1081167
Power cord	1038928
Performance tubing 22 mm	1032907
Performance tubing 15 mm	1074400
EncorePro 2 software	1054785
DirectView software	1005297
RJ9 to 1/4" nurse call cable, closed	1080247
RJ9 to 1/4" nurse call cable, open	1080248
RJ9 nurse call cable, open ends	1080249
Carrying bag	1098514
BiPAP A40 in-use bag	1098513
Oximetry accessory, DOM	100205E
BiPAP A Series roll stand	1098538

Product specifications	
Ventilation modes	• CPAP • S • S/T • PC • T • AVAPS-AE
Hybrid ventilation	• AVAPS (Average Volume Assured Pressure Support) • AVAPS-AE
IPAP	4 – 40 cmH_2O
EPAP	4 – 25 cmH_2O
Target tidal volume (AVAPS & AVAPS-AE)	200 – 1500 ml
Breath rate	0 – 40 bpm (4 – 40 bpm in T mode)
Inspiratory time	0.5 – 3 sec.
Triggering and cycling	• Auto-Trak • Sensitive Auto-Trak • Flow triggering
Rise time	1 (100 ms) – 6 (600 ms)
Size	21.6 cm W x 19 cm L x 11.5 cm H
Weight	2.1 kgs (with power supply)
Noise level	< 30 dBA at 10 cmH_2O
Humidification	System One humidity control and 'Dry Box' technology
Alarms	• Patient disconnection • Apnea • Low minute ventilation • Low tidal volume (with AVAPS/AVAPS-AE only) • High respiratory rate
Monitoring	• Pressure • Tidal volume • Minute ventilation • Respiratory rate • Leak • I/E ratio
Battery back up	Detachable battery module: 5 hours at IPAP 12 cmH_2O / EPAP 7 cmH_2O and 12 bpm
DC power source	• 12 VDC, 5.0 A (external battery) • 24 VDC, 4.2 A (power supply)
Data management	• EncorePro 2 and DirectView software • Compatible with oximetry module • Advanced detection of residual respiratory events (apnea/hypopnea index, obstructed airway apnea, clear airway apnea, hypopnea, periodic breathing, RERA, large leak and snore)
Remote control	Compatible with PC Direct
Polygraph and polysomnograph connections	• Direct connection to Alice PDx and Alice6 PSGs • AOM to connect to most PSG systems

BiPAP A40, Auto-Trak, AVAPS, AVAPS-AE, EncorePro, DirectView, and Alice are trademarks of Koninklijke Philips Electronics N.V.
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