

# BiPAP A40

because every patient is different



## Tailored ventilation

**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 cm H<sub>2</sub>O, providing treatment for your chronic insufficiency respiratory patients.

BiPAP A40 can provide autonomy and increased support to patients, thanks to its specifically 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.

## 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 an 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.

Device ordering information	Part number
BiPAP A40, International*	<b>1076493</b>
BiPAP A40, Australia*	<b>1076583</b>

\*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	<b>1077107</b>
Battery module	<b>1096770</b>
Detachable battery	<b>1043570</b>
Ultra-fine filter kit	<b>1063096</b>
Foam filter kit	<b>1063091</b>
Power supply	<b>1081167</b>
Power cord, Europe	<b>1039014</b>
Power cord, UK	<b>1039026</b>
Performance tubing 22 mm	<b>1032907</b>
Performance tubing 15 mm	<b>1074400</b>
EncorePro 2 software	<b>1054785</b>
DirectView software	<b>1005297</b>
RJ9 to 1/4" nurse call cable, closed	<b>1080247</b>
RJ9 to 1/4" nurse call cable, open	<b>1080248</b>
RJ9 nurse call cable, open ends	<b>1080249</b>
Carrying bag	<b>1098514</b>
BiPAP A40 in-use bag	<b>1098513</b>
Oximetry accessory, INTL	<b>100215E</b>
BiPAP A Series roll stand	<b>1098538</b>

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

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