



Philips Respironics BiPAP A40 Pro

Introducing a high-performing solution for your noninvasive and invasive ventilation needs

Advancing the science behind the solutions

The Philips Respironics BiPAP A40 Pro bi-level ventilator treats patients suffering from respiratory insufficiency through clinically proven technologies – Average Volume Assured Pressure Support (AVAPS), Average Volume Assured Pressure Support-Automatic EPAP (AVAPS-AE), Automated Airway Management and Auto-Trak. Its advanced functionality is designed to reduce patient setup times and it automatically adjusts therapy to deliver the lowest possible pressure throughout changing conditions.

To optimize patient management, BiPAP A40 Pro is built to connect from diagnostic work to at-home therapy. BiPAP A40 Pro auto-integrates with sleep lab and home diagnostic systems, as well as with Philips Respironics Care Orchestrator, so you can coordinate care and resolve patient concerns remotely.

A solution that can help your patients and your business

Enhanced mobility and flexibility

The BiPAP A40 Pro bi-level ventilator comes equipped with a detachable battery that provides 7.5 hours of battery life.

Stay connected through the care pathway

Clinicians can monitor and manage ventilation, SPO2 and transcutaneous CO2 parameters to help ensure ventilation therapy settings meet patient needs.

Providing patients comfortable therapy in both the hospital and home

The BiPAP A40 Pro offers three types of humidification* to support a wide range of noninvasive and invasive humidification patient comfort levels.

Simplifying device fleet management to advance care

With a low total cost of ownership, the BiPAP A40 Pro does not require periodic device maintenance or service depot returns for mandatory battery replacement.

Professional enhancements for better breathing care

- ✓ **Automated Airway Management**
Provides the ability to treat overlapping breathing syndromes in bi-level patients, so clinicians can manage obstructive sleep apnea and hypoventilation in any noninvasive ventilation mode
- ✓ **Auto-Trak, Sensitive Auto-Trak and Flow Triggering**
Easy setup gives clinicians the flexibility to treat invasive and noninvasive patients over 10 kg who have obstructive sleep apnea, respiratory insufficiency or respiratory failure
- ✓ **Invasive ventilation**
Provides optimized therapy for patients with respiratory failure (non-life support)
- ✓ **Transcutaneous CO₂ integration**
Monitor transcutaneous CO₂ and SPO₂ parameters to help validate ventilation settings while the patient is at home or in the hospital
- ✓ **Average Volume Assured Pressure Support (AVAPS)**
Automatically provides treatment for PaCO₂ reduction¹
- ✓ **Proven control**
In a pre- and postinterventional trial, AVAPS-AE provided adequate control of nocturnal hypoventilation and upper airway obstruction, as well as enhancing sleep efficiency and noninvasive ventilation (NIV) adherence^{2†}
- ✓ **Visual leak management**
Provides a color visual indicator of the patient's total circuit leak value, so you can better understand and manage leaks for more consistent therapy, comfort and mask fit
- ✓ **Integrated low-flow oxygen**
Enables clinicians to easily add up to 15 lpm of supplemental oxygen in any NIV mode, and patients can connect to any low-pressure oxygen source

Treatment for even the most complex patients

Many complex NIV patients have worsening respiratory drives and require sensitive ventilation systems. BiPAP A40 Pro can titrate for the smallest (10 kg) and weakest patients (those with neuromuscular diseases) effectively and automatically.

Now, you can treat your patients through a variety of proven, clinically advanced therapies and functions built into a single bi-level ventilator.



Adult and pediatric bi-level
(not on life support)

Lung restrictive and
obstructive disorders

Obstructive
sleep apnea

Chest wall deformities
and trauma

Chronic respiratory
insufficiency

Neuromuscular diseases

Obesity hypoventilation
syndrome

*System One Heated, System One Heated Tube, and the Fisher & Paykel MR850 and MR290 Humidification systems.

†Only in BiPAP A40 Pro.

References: 1. Storre JH, Seuthe B, Fiechter R, et al. Average volume-assured pressure support in obesity hypoventilation: a randomized crossover trial. *Chest*, 2006 Sep; 130(3): 815-821. 2. Murphy P, Arbane G, Jayaram D, et al. The effect of volume targeted pressure support (PS) ventilation with autotitrating expiratory positive airways pressure (EPAP) and back up rate (BUR) on sleep quality in COPD-obstructive sleep apnoea (OSA) overlap syndrome. *Eur Resp J*. 2013 42: Suppl 57: P2583.

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