



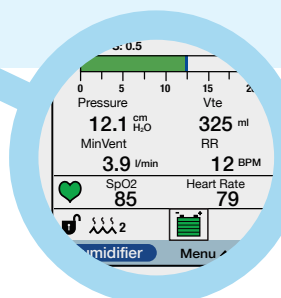
**Ease of use**  
Intuitive, friendly and colour user interface



**Integrated heated humidifier**  
Unique, proven System One humidity control technology and 'Dry Box' design to help reduce water ingress or rainout problems



**Platform design continuity**  
Quiet device featuring same design, look and feel as Philips Respironics CPAP, bilevel and life support ventilator devices



**Oximetry module compatibility**  
Visualisation of SpO<sub>2</sub> and heart rate on the device screen, displayed against the other ventilation therapy data both graphically and statistically on EncorePro and DirectView reports



**Data management software**  
SD card that records up to 1 year of ventilation therapy data

**Philips Healthcare is part of Royal Philips Electronics**

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# Natural performance

Introducing the BiPAP A30 - because ease of use and therapy efficacy are key to patient well-being

Please visit [www.philips.com/respironics](http://www.philips.com/respironics) to find out more



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1093371 4104425 / bdc14005 \* SEPT 2011



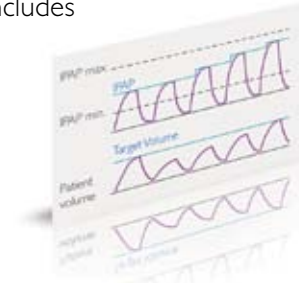
Because our innovations are inspired by you and your patients, the bi-level ventilator BiPAP A30 has been designed to combine ease-of-use with technology advancements that adapt to your patient's condition to deliver enhanced therapy. Based on a familiar platform, it delivers a smooth transition from hospital to home for your chronic insufficiency respiratory patients. Because we know that being at home can work wonders.

# BiPAP A30 through the patient care pathway



## Advanced technologies for a better life

Philips Respironics has been a pioneer in improving patient comfort and quality of life through enhanced therapy. The BiPAP A30 comes with enhanced AVAPS therapy modality to provide and maintain excellent delivery of accurate tidal volumes. Physicians can now adjust the AVAPS rate, according to pathology, to suit the patient's conditions. The BiPAP A30 also includes the well-known and clinically proven Auto-TRAK algorithm with an improved leak compensation technology to accommodate respiratory changes while improving patient comfort throughout the therapy.



### Titration

- BiPAP A30 is compatible with our PSG systems (Alice PDx and Alice6) to provide detailed information on patient ventilation therapy
- The compatibility with our oximetry module allows the fine tuning of settings during ventilation set-up



### Discharge

- AVAPS hybrid ventilation provides an innovative solution to help stabilize the patient and facilitate the transition from hospital to home
- The intuitive, user-friendly interface and low noise level seamlessly help therapy to integrate into the patient's home environment, leading to improved comfort and compliance

### Therapy

- Clinically proven, built-in Auto-TRAK and leak estimation technologies enhance patient and ventilator synchrony
- AVAPS delivers the right pressure at the right time so patients' needs are met whilst comfort is preserved
- System One Humidity Control and the unique 'Dry Box' design deliver heated humidification with reduced rainout and water ingress for exceptional patient adherence and comfort

### Follow up

- Our full data management portfolio allows thorough patient follow-up at home and helps identify when any adjustments are necessary to maintain an efficient treatment:
- EncorePro and DirectView software – long and short-term trend reports on ventilation therapy data (up to 72 hr waveforms – DirectView only)
- Alice PSG systems – detailed information on patient ventilation combined with PSG signals
- Oximetry module connectivity to monitor SpO<sub>2</sub> and pulse rate on device screen, and correlate desaturation events with other ventilation data when needed



## Simple ventilation, sophisticated technology

| BiPAP A30 specifications                 |   |
|--|---|
| Ventilation modes                        | CPAP, S, S/T, PC, T   |
| Hybrid ventilation                       | AVAPS (Average Volume Assured Pressure Support)   |
| AVAPS rate                               | 0.5 to 5 cmH <sub>2</sub> O/min   |
| IPAP                                     | 4 – 30 cmH <sub>2</sub> O   |
| EPAP                                     | 4 – 25 cmH <sub>2</sub> O   |
| Target tidal volume (when AVAPS enabled) | 200 – 1500 ml   |
| Breath rate                              | 0 – 40 BPM (4 – 40 BPM in T mode)   |
| Inspiratory time                         | 0.5 – 3 sec.  |
| Triggering and cycling                   | Digital Auto-TRAK algorithm   |
| 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 <sub>2</sub> O   |
| Humidification                           | System One humidity control and 'Dry Box' technology  |
| Alarms                                   | Patient disconnection<br>Apnea<br>Low minute ventilation<br>Low tidal volume (with AVAPS only)<br>High respiratory rate   |
| Monitoring                               | Pressure, tidal volume, minute ventilation, respiratory rate, Leak, I/E ratio   |
| Battery back up                          | 11 hours at IPAP 15 / EPAP 4 cmH <sub>2</sub> O 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<br>Compatible with oximetry module<br>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<br>AOM to connect to most PSG systems  |

| Ordering information (part numbers) |               |         |         |               |           |         |
|-------------------------------------|---------------|---------|---------|---------------|-----------|---------|
| Devices                             | International | France  | Germany | Latin America | Australia | Japan   |
| BiPAP A30                           | 1076491       | 1076496 | 1076540 | LA1076491     | 1076581   | 1076494 |
| BiPAP A30, core package             | 1076564       | 1076537 | 1078225 | LA1076564     | 1076582   | 1076585 |

| Accessories                        | Part number | Accessories                          | Part number |
|------------------------------------|-------------|--------------------------------------|-------------|
| A Series humidifier, international | 1077107     | EncorePro 2 software                 | 1054785     |
| Ultra fine filter kit              | 1063096     | DirectView software                  | 1005297     |
| Foam filter kit                    | 1063091     | SD card (10 Pack)                    | 1063859     |
| Water chamber                      | 1066737     | SD card reader                       | 1047300     |
| Device side panel                  | 1093950     | RJ9 to 1/4" nurse call cable, closed | 1080247     |
| Power supply                       | 1081167     | RJ9 to 1/4" nurse call cable, open   | 1080248     |
| Power cord, Europe                 | 1039014     | RJ9 nurse call cable, open ends      | 1080249     |
| Power cord, UK                     | 1039026     | Carrying bag                         | 1080095     |
| Performance tubing 22 mm           | 1032907     | Oximetry Accessory, INTL             | 100215E     |
| Performance tubing 15 mm           | 1074400     | includes carry case (PN 1070185)     |             |