

# 2009 POSITIVE AIRWAY PRESSURE SYSTEMS BUYERS GUIDE

Compiled by Colleen Mullarkey

| Company  | CareFusion<br>(800) 231-2466<br>jeffery.wyscarver@carefusion.com<br>www.carefusion.com     |   | DeVilbiss Healthcare<br>(800) 338-1988<br>www.devilbisshealthcare.com<br>stephanie.murray@devilbisshc.com |  | evo Medical Solutions<br>(515) 993-5001<br>www.evomedical.com<br>info@evomedical.com    | Fisher & Paykel Healthcare<br>(800) 446-3908<br>www.fphcare.com   | Invacare Corp.<br>(800) 333-6900<br>www.invacare.com<br>bmessenger@invacare.com | ResMed Corp.<br>(800) 424-0737<br>www.resmed.com<br>reception@resmed.com  |   |   |
|--|--|---|---|--|---|---|---|---|---|---|
| Product name or model number                         | PureSom CPAP   | PureSom CPAP Plus   | intelliPAP® Standard CPAP   | intelliPAP® AutoAdjustCPAP   | RemRest Tier 3 CPAP   | SleepStyle™ 200 Auto Series   | Polaris EX  | S8 AutoSet™ II  | S8 Elite™ II  | VPAP™ Auto 25   |
| Warranty   | Two years  | Two years   | Three years, two years on heated humidifier   | Three years, two years on heated humidifier  | Three years   | Two years   | Two years   | Two years   | Two years   | Two years   |
| Dimensions (H x L x W) in inches                     | 3.9 x 5 x 5.8  | 3.9 x 5 x 5.8   | 6.4 x 6.5 x 8.4   | 6.4 x 6.5 x 8.4  | 4.7 x 8.6 x 9.4   | 10.8 x 6.7 x 5.5  | 5.2 x 8.5 x 8.5   | 4.6 x 6.5 x 5.7   | 4.6 x 6.5 x 5.7   | 5.7 x 4.4 x 6.5   |
| Weight in lbs.                                       | 1.76   | 1.76  | 4.45 (with humidifier)  | 4.45 (with humidifier)   | 5   | 4.2 (including humidifier)  | 4.2   | 3.09  | 3.09  | 2.9   |
| Power requirements (AC/DC)                           | 110V-240V  | 110V-240V   | 100-240 VAC   | 100-240 VAC  | 100-240VAC,50-60Hz,<120 VA, or 12 VDC   | 110-240 V   | 120 V, 60 Hz  | 100-240VAC,50/60Hz,12Vor24VDC viaResMedDC-12converter,110VAC, 400 Hz  | 100-240VAC,50/60Hz,12Vor24VDC viaResMedDC-12converter,110VAC, 400 Hz  | AC/DC   |
| Overall noise level (dBA)                            | < 30   | < 30  | 26  | 26   | < 30  | < 30  | 35  | 24  | 24  | 26  |
| Operating specifications                             |  |   |   |  |   |   |   |   |   |   |
| Mode of operation                                    | CPAP   | CPAP  | Constant pressure   | Constant pressure, auto adjust   | CPAP  | Auto CPAP   | CPAP  | AutoSet and fixed pressure CPAP   | CPAP  | V Auto, S, CPAP   |
| Indications for use                                  |  |   | OSA in patients 66 lbs. and above   | OSA in patients 66 lbs. and above  | Sleep disorders   | Adult OSA   | OSA   | Adult OSA in hospital and in home   | Adult OSA in hospital and in home   | Adult OSA in hospital and in home   |
| Operating pressure range (cm H <sub>2</sub> O)       | 4 to 18  | 4 to 18   | 3 to 20   | 3 to 20  | 3.5 to 20   | 4 to 20   | 4 to 20   | 4 to 20   | 4 to 20   | 3 to 25   |
| Adjustable starting ramp pressure                    | 4  | 3   | Dealer adjustable   | Dealer adjustable  | 1 to 5  | n/a   | Yes   | Yes   | Yes   | 3 (or user-selectable)  |
| Pressure adjustment increments (cm H <sub>2</sub> O) | 1  | 0.5   | 0.5   | 0.5  | 0.5   | 0.5   | 1   | 0.2   | 0.2   | 0.2   |
| Ramp time (minutes)                                  | 0 to 45  | 0 to 45   | 0 to 45   | 0 to 45  | 5 to 50   | n/a   | 0 to 30   | 0 to 45   | 0 to 45   | 0 to 45   |
| Features   |  |   |   |  |   |   |   |   |   |   |
| Alarms (audio/visual)                                |  | X   | X   | X  | X   |   |   | X   | X   |   |
| Automatic start/stop                                 |  |   | X   | X  |   |   | No  | X   | X   | X   |
| Automatic leak compensation                          |  | X   | X   | X  | X   | X   | X   | X   | X   | X   |
| Automatic altitude compensation                      |  |   | X   | X  | X   |   |   | X   | X   | X   |
| Detection of apnea/hypopnea                          |  |   | X   | X  | X   | X   |   | X   | X   | X   |
| Pressure delay function                              |  |   | X   | X  |   |   | Yes   | X   | X   | X   |
| Remote programming capabilities                      |  |   | X   | X  |   | X   |   | X   | X   | X   |
| Soft exhalation technology                           |  |   |   |  | X   |   | X   | X   | X   | X   |
| Memory   | 9999.9 hours   | Memory card   | Three years of usage data, 120 nights of detailed therapy data, 72 hours of oximetry data (optional)      | Three years of usage data, 120 nights of detailed therapy data, 72 hours of oximetry data (optional) | Yes   | Yes   | X   | 365 days, three days detailed data  | 365 days, three days detailed data  | Yes   |
| Compliance meter                                     | No   | Yes   | SmartCode™  | SmartCode™   | Auto compliance package (Tier 3 model)  | Yes   | Yes   | Yes   | Yes   | Yes   |
| Downloadable compliance information                  | No   | Yes   | Yes   | Yes  | Yes   | Via USB SmartStick technology   | Yes   | Yes   | Yes   | Yes   |
| Filters  | Yes  | Yes   | Standard filter:<3microns; optional fine particle filter:> 3 microns                                      | Standard filter:<3microns; optional fine particle filter:> 3 microns                                 | One replaced every six months   | Yes   | Particulate and pollen  | Standard and hypoallergenic   | Standard and hypoallergenic   | Optional AB filter  |
| Humidifiers  | Yes  | Yes   | Integrated heated humidification  | Integrated heated humidification   | 910 RemRest heated humidifier   | Fully integrated heated humidification  | Yes   | Integral (H4i heated humidifier)  | Integral (H4i heated humidifier)  | Integral (H4i heated humidifier)  |
| Heated humidification                                | Yes  | Yes   | Yes   | Yes  | Yes   | Yes   | Yes   | Yes   | Yes   | Yes   |
| Other features                                       | Entry level model; operating meter directly shown on LCD display for reimbursement support | Illuminated menu-driven LCD, download user profile and data with mini USB interface, performance with value | Motor hour meter; DC operable; 8-foot power cord; therapy compliance meter                                | Motor hour meter; DC operable; 8-foot power cord; therapy compliance meter                           | Calibration feature can be used to overcome the resistance inherent in nasal interfaces | Fully integrated system, SmartStick™ removable media, compliance data, efficacy data, Performance Maximizer™ software, Ambient Tracking® Plus | SoftX, Quick Code compliance system   | EasyBreathe technology with improved EPR™, data card for easy two-way transfer, usage-based compliance download | EasyBreathe technology with improved EPR™, data card for easy two-way transfer, usage-based compliance download | EasyBreathe technology, remote compliance monitoring/settings change via ResTraxx, ResScan data card for compliance/device setting, patient reminders |
| Accessories  |  |   | Travel bag  | Travel bag   | Humidifier, DC auto adapter, replacement carry bag (one comes with the system)          |   | Carrying case; Twilight masks   | ResLink™, ResTraxx  | ResLink™, ResTraxx  | Power supplies, tubing and air supply systems, carry/travel bag ■   |