

**RESMED**

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**New VPAP™ Bilevels from ResMed**  
More of everything ... except size



## **Silent. Synchronized.**

ResMed's VPAP technologies provide the optimum in bilevel therapy in a smaller, quieter package. The virtually noiseless motor is up to 90% quieter than competitive products, minimizing ambient sound and helping to provide an ideal sleep environment. Complete synchronization to the patient's breath rate, including a backup rate in the ST, assures that every breathing need is monitored and successfully accommodated. The units are contained within a compact package—the smallest, most convenient and travel-friendly in the market. No other bilevel systems deliver therapy as quiet, comfortable and convenient as the new ResMed VPAP devices.

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# ResMed's VPAP Bilevels Deliver Superior Therapy for a Variety of Patient Needs

Patients are individuals with different conditions and different therapy needs. Some require additional comfort measures to keep them compliant. Some have unique lung and chest-wall conditions creating breath synchronization challenges that require ventilatory assistance. The new VPAP™ products offer the ultimate in silent, synchronized bilevel therapy—noise-free operation combined with maximum clinical control—to help you meet the unique needs of every patient.

## The quiet and comfort of Easy-Breathe

Easy-Breathe technology improves comfort and reduces noise with advanced software and a sophisticated motor.



### Near-silent operation

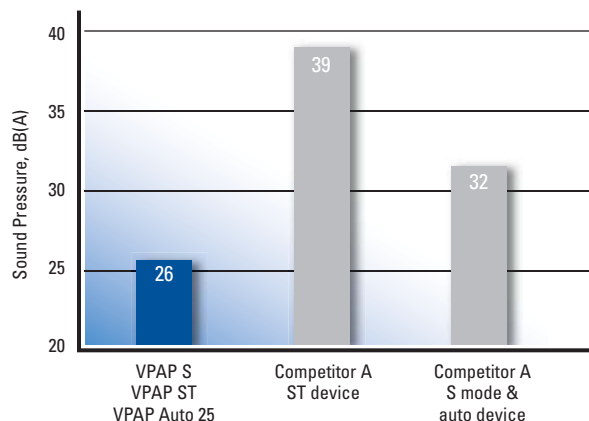
ResMed's patented Easy-Breathe motor reduces noise to 26 dB and is available across all VPAP devices. Up to 90% quieter than the leading competitor, it allows patients and bed partners to sleep peacefully throughout the night and easily adjust to therapy.

### Minimum size, maximum performance

These advanced bilevel ventilating systems are contained within the smallest, most convenient package in the market—a masterpiece of function and design. The unit weighs less than three pounds and comes with a sleek travel bag for easy transportation. Patients, bed partners and caregivers appreciate the easy integration of ResMed's VPAP systems into the care-giving environment.

### More natural breathing pattern

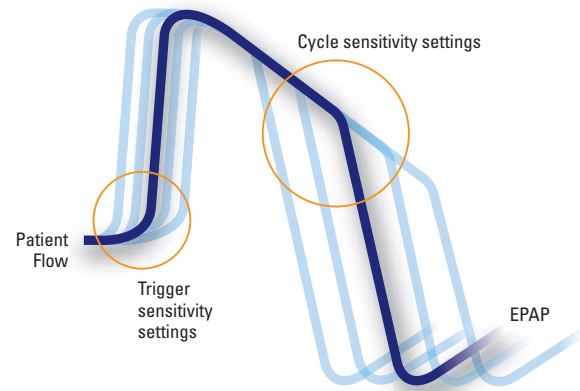
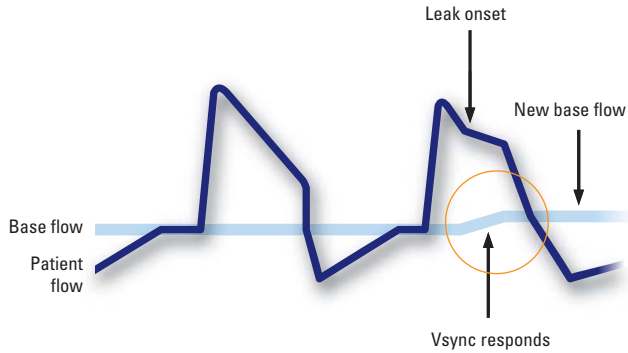
Featured in the VPAP Auto 25 and VPAP ST, ResMed's Easy-Breathe responds to patient breathing patterns with heightened sensitivity. The smooth Easy-Breathe waveform is more natural and comfortable than the traditional square bilevel waveform. Easy-Breathe fills the lungs gradually, leaving patients relaxed. Originally introduced in the VPAP Adapt SV™, the smooth pressure waveform is ideally suited for noncompliant CPAP patients as well.



Radiated noise measured at 10 cm H<sub>2</sub>O at a distance of 1 meter according to ISO 17510-1 (as measured on 12/7/07).

## Proven technology, effective treatment

ResMed's VPAP technologies ensure comfortable therapy and enable the clinician to fine-tune settings to a degree not possible in competitive products.

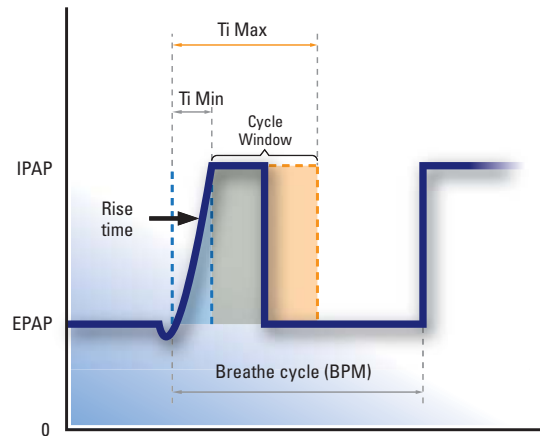


### TiControl™ for maximum control and customized therapy

TiControl™ provides minimum and maximum inspiratory time limits. These frame a "window of opportunity" to accommodate individual respiratory conditions. For example, TiControl is clinician-adjustable to customize therapy for chronic obstructive pulmonary disease (COPD) patients and can prolong Ti Min for patients with restrictive disorders.

### Adjustable trigger & cycle sensitivities

Because every patient is different, five sensitivity settings provide the clinician with more opportunities to fine-tune therapy.



### Vsync™ for reliable pressure delivery

Unique to the VPAP series, Vsync™ manages leaks automatically, minimizing any loss of pressure due to leak while still ensuring reliable breath detection.

### Backup rate, S/T and T Modes (VPAP ST only)

For the treatment of neuromuscular and restrictive thoracic diseases, VPAP ST provides a programmable backup rate in S/T and T modes. Now even your noninvasive ventilation patients can benefit from Easy-Breathe quiet performance and a sleek, travel-friendly package.



## Gold standard AutoSet™ technology

VAuto technology, which is based on ResMed's gold standard AutoSet™ algorithm, is available in the VPAP Auto 25 and VPAP ST devices. With VAuto technology, the VPAP series is a truly versatile platform designed to meet the unique needs of noncompliant CPAP users, OSA patients and those who require additional pressure support.

### Ensures the lowest pressure necessary

VAuto always ensures the lowest pressure necessary to treat apneic events, resulting in the most comfortable therapy for patients so they remain compliant with their treatment.

### Responds on breath-by-breath basis

Unlike competitive technologies, VAuto responds preemptively to inspiratory flow limitation and adjusts to the patient's pressure needs on a breath-by-breath basis to prevent most apneic and snoring events.

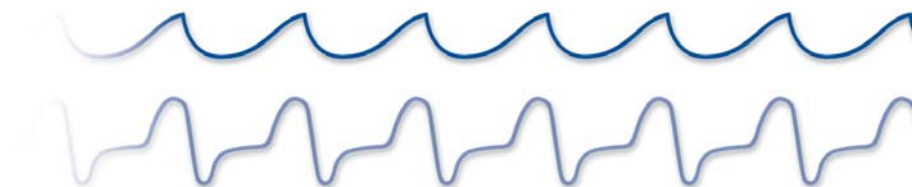
### Easy setup

VAuto's carefully selected default settings and clinically proven AutoSet algorithm simplify the setup process and consistently deliver superior therapy.



### Easy compliance tracking with ResScan™ Data Card

Compatible with all ResMed devices, the ResScan™ Data Card provides easy access to and automatic backup of patient data (compliance, usage, statistical summaries, nightly views), while allowing clinicians to change therapy settings remotely.



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## PRODUCT CODES

VPAP S	26119
VPAP S + H4i	26120
VPAP Auto 25	26101
VPAP Auto 25 + H4i	26121
VPAP ST	26110
VPAP ST + H4i	26122
H4i™ with standard water chamber	26940
ResLink	22206
Oximeter Kit	1430050
S8 ResTraxx US	22204
S8 ResTraxx Canada	22221

	VPAP S	VPAP Auto 25	VPAP ST
<b>Operating pressure range (cm H<sub>2</sub>O)</b>	3–25	3–25	3–25
<b>Modes of operation</b>			
VAuto		●	●
SPONT (S)	●	●	●
Timed (T)			●
Spontaneous/Timed (ST)			●
CPAP	●	●	●
<b>Product features</b>			
Easy-Breathe motor	●	●	●
Vsync automatic leak management	●	●	●
TiControl (Ti Max / Ti Min)	●	●	●
Adjustable breath trigger/cycle	●	●	●
Adjustable exhalation pressure profile		●	●
DC input (via converter)	●	●	●
Auto-adjusts bilevel pressure for OSA events		●	●
Learns and adapts to breathing pattern		●	●
Easy-Breathe waveform		●	●
SmartStart™/Stop feature	●	●	●
<b>Humidification (heated and cool)</b>			
Optional, fully integrated	●	●	●
<b>Alarms</b>			
Mask alarm	●	●	●
<b>Data storage</b>			
Usage and treatment summary (day, week, month, 6-month, year)	●	●	●
Usage profile	●	●	●
Treatment profile	●	●	●
Night profile	●	●	●
<b>Data transfer</b>			
Direct download to PC	●	●	●
ResLink™ via Smartmedia card	●	●	●
ResScan Data Card	●	●	●
ResTraxx™ wireless module	●	●	●