ResMed's AutoSet™ devices set the clinical standard in automatic positive airway pressure (APAP) therapy for the treatment of adult obstructive sleep apnea (OSA).

**Personalised:** Powered by ResMed's unique, patented AutoSet algorithm, AutoSet devices, such as S8 AutoSet Spirit™ II, adjust the delivered pressure throughout the night in response to changes in patients' breathing patterns ... breath by breath, night by night, year by year.

**Efficient and reliable:** AutoSet technology promptly achieves the pressure that best responds to each patient's changing needs, optimising effective treatment and long-term compliance ... that's the AutoSet Advantage. And when combined with the S8 ResLink™ and oximeter, AutoSet devices capture high-resolution data (at 25Hz) showing the AutoSet Advantage in action ... improving troubleshooting and therapy control assessments.

**Proven technology:** ResMed's AutoSet algorithm is the most clinically published in the field of sleep-disordered breathing (SDB). Well-respected clinical studies and peer reviews support the clinical outcomes of the AutoSet algorithm, citing the therapy, compliance and quality-of-life benefits of using AutoSet devices.¹

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Proven and reliable, AutoSet is currently treating over 1 million people worldwide ... and not just treating them, but treating them effectively.²

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**The AutoSet Advantage™**

**PROVEN TECHNOLOGY, PERSONALISED THERAPY**

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**EPR IN AUTOSET**

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<th>Device pressure</th>
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<td>Patient flow</td>
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**THE ADDED ADVANTAGE**

EPR with Easy-Breathe now available in AutoSet devices

The advantage of ResMed's AutoSet algorithm is that it monitors each patient's individual breathing patterns and delivers pressure accordingly ... so the patient's individual breathing needs are met comfortably and consistently throughout the night.

Adding ResMed's new EPR with the Easy-Breathe waveform to the AutoSet algorithm introduces a new level of comfort. Now AutoSet patients can benefit from expiratory pressure relief with the smooth Easy-Breathe pressure waveform.

With three levels of pressure relief to choose from, EPR with Easy-Breathe softens the pressure upon exhalation, so breathing is as smooth and comfortable as possible.
HOW DOES THE AUTOSET ADVANTAGE WORK?

Pressure requirements can change by breath, hour by hour, night by night. The AutoSet algorithm continuously monitors breathing for common events, such as flow limitation, snoring and apnea. The algorithm also monitors and compensates for unintentional leak, maintaining the integrity of the algorithm.

The AutoSet Advantage featuring EPR with Easy-Breathe is available exclusively in ResMed’s S8 Series II AutoSet devices. Contact ResMed for details.

Detection and response

Some APAP algorithms detect events and apply a fixed response. ResMed’s AutoSet Advantage, however, assesses the severity of an event—whether it is flow limitation, snoring or an apnea—determines the best pressure solution and applies it as necessary. Once the patient’s breathing stabilises (after the required pressure increase), the AutoSet gradually decreases the pressure, while continuously monitoring for recurring events. This ensures the patient receives the perfect level of pressure required to treat their OSA; nothing more, nothing less.

2 "Significantly more effective ... in treating sleep-disordered breathing and the associated arousals. AHI, respiratory arousals and oxygen desaturations were significantly improved with the AutoSet device." Schwartz et al. A comparative study of commercially available auto-titrating devices for obstructive sleep apnea. Sleep. 1998, 21:94

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