

EPR with Easy-Breathe

SETTING A NEW STANDARD IN EXPIRATORY PRESSURE RELIEF (EPR)

EPR with Easy-Breathe offers all the advantages of traditional EPR with the added benefits of the new Easy-Breathe waveform: smoother, more natural pressure relief in both CPAP and AutoSet modes. Available exclusively to ResMed's S8™ Series II devices.

Total breathing comfort

ResMed has added the new Easy-Breathe waveform to the clinically effective and patient-preferred¹ comfort of EPR to create a pressure relief system that offers improved breathing comfort in a compact, whisper-quiet device.

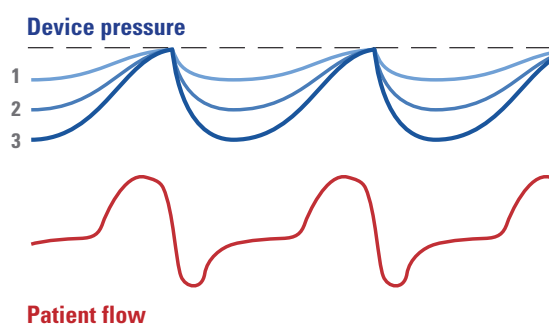
The EPR algorithm applies a smooth pressure waveform breath by breath, softening the delivered pressure upon exhalation and inhalation.

Mimicking the patient's natural breathing pattern more than any other system, EPR with Easy-Breathe synchronises pressure cycles with patient breathing, creating a gentle breathing rhythm.

All the advantages of EPR ... now improved with Easy-Breathe.

ResMed's expiratory pressure relief system is as clinically effective as traditional CPAP, but significantly more comfortable. Preferred by 79% of patients, EPR with Easy-breathe is now available in the new S8 Series II device range.¹

EPR WITH EASY-BREATHE



EPR ... HOW IT WORKS

The new EPR with the Easy-Breathe waveform is synchronised to patients' inspiratory and expiratory cycles, with highly predictable and comfortable pressure relief.

Level 1: reduces pressure by 1 cm H₂O for mild pressure relief

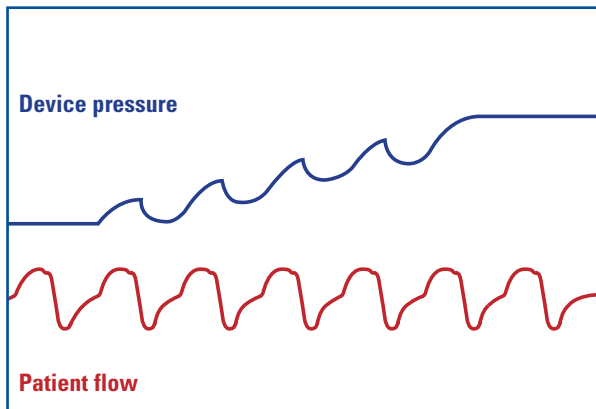
Level 2: reduces pressure by 2 cm H₂O for medium pressure relief

Level 3: reduces pressure by 3 cm H₂O for maximum pressure relief

Customised to suit individual needs, EPR with Easy-Breathe can be activated as needed: on during the ramp period only, on throughout the night or turned off completely.²

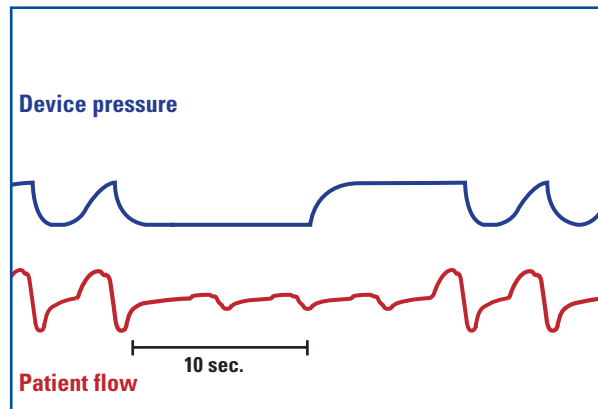
And to ensure comfort without compromising therapy, EPR is automatically suspended during apnea events and re-starts when breathing resumes.

UNIQUE FEATURES OF EPR



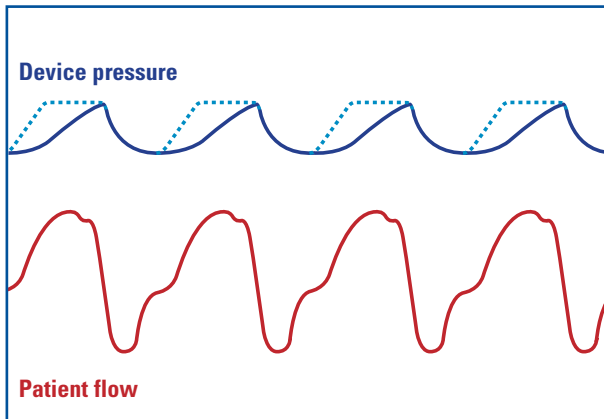
EPR during RAMP ONLY

ResMed's EPR RAMP ONLY is a unique feature that specifies the use of EPR during the ramp period only. This option enables EPR as patients are falling asleep, when they are generally more aware of the pressure. When the ramp period expires, pressure reverts comfortably to the prescribed CPAP level.



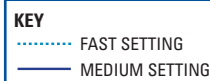
EPR and event detection

To ensure comfort without compromising therapy, EPR has an automatic 'time out' feature. After determining the baseline breathing average for each patient, the device suspends EPR if the patient's breathing drops 75% below the baseline for ten seconds or more. EPR re-starts when the event is over and breathing is again within range.



EPR Inhale

EPR Inhale is a feature that further customises EPR to suit individual breathing patterns. The default inhale setting is Medium, which corresponds to the Easy-Breathe waveform setting. However, patients may prefer the Fast inhale setting, which is similar to the traditional EPR waveform.



EPR with Easy-Breathe is available in all S8 Series II devices. Contact ResMed for details.

- 1 Treatment with EPR is equivalent in efficacy to treatment without EPR; however treatment with EPR is more comfortable for patients. Consequently, EPR is a significant factor in improving patient compliance. More data available on request.
- 2 Even though patients may be allowed to change their EPR settings, the pressure drop is limited, to avoid sub-optimal treatment (the maximum drop is 3 cm H₂O). When EPR is enabled, the delivered pressure will not drop below a minimum pressure of 4 cm H₂O, even if, for example, the set pressure is 6 cm H₂O and the EPR setting is 3.