

VPAP™ Adapt

Quiet comfort. More compliance.

The VPAP™ Adapt is an adaptive servo-ventilator specifically designed to treat central sleep apnea (CSA) in all its forms, including mixed events. It also features optional integrated oximetry and a Sleep Quality Indicator, which allows patients to view their therapy progress on a daily basis.

Together with ResMed's Enhanced Easy-Breathe technology and Climate Control humidification system, the VPAP Adapt delivers quiet comfort in the award-winning S9™ platform.

Quiet comfort for improved compliance

The VPAP Adapt is equipped with several additional comfort features to maximize therapeutic efficacy and promote long-term compliance:

- Simple menu settings and color LCD display are intuitive for both patients and clinicians
- Seamless integration with optional H5i™ heated humidifier with Climate Control
- Enhanced Vsync™ technology compensates for leak and provides superior patient-ventilator synchrony
- Multiple tubing options available for increased comfort



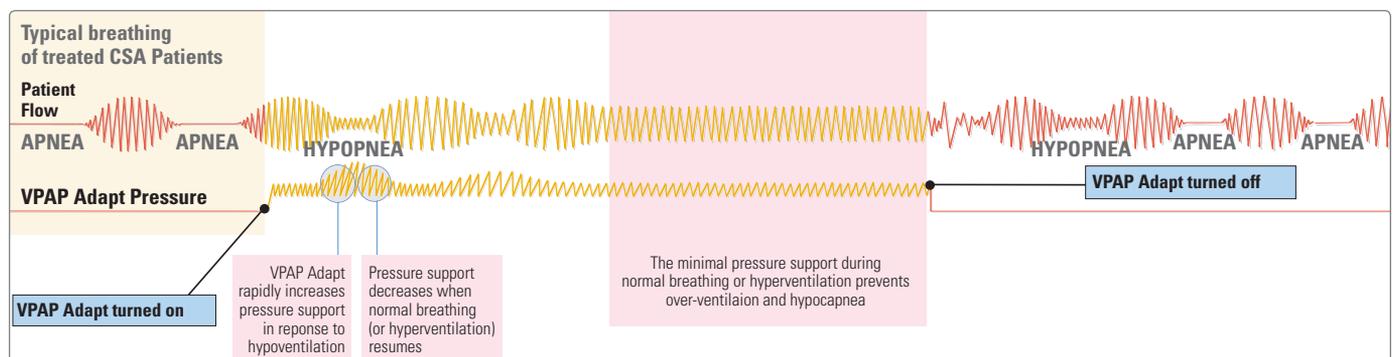
reddot design award
winner 2010

How does it work?

The VPAP Adapt algorithm adapts to the patient's ventilation needs on a breath-by-breath basis by automatically calculating a target ventilation (90% of the patient's recent average ventilation) and adjusting the pressure support to achieve it. Because it's synchronized to the patient's own recent breathing rate and flow pattern, the VPAP Adapt is able to provide a low level of pressure support while maximizing comfort and compliance.

Maximum comfort with Climate Control

ResMed's H5i heated humidifier offers advanced humidification with Climate Control, which automatically maintains temperature and humidity levels as conditions change throughout the night (and from season to season). ClimateLine^{MAX} tubing supports higher bilevel pressures and delivers a constant, comfortable temperature at the mask to reduce rainout.



New motor technology—now quieter than ever

The VPAP Adapt features sophisticated motor technology with the Enhanced Easy-Breathe motor. Because axial airflow is distributed evenly throughout the motor, conducted noise transferred through the mask to the patient is significantly reduced compared to previous devices, making it easier to integrate into the patient's (and bed partner's) lifestyle.

A sleep therapy system that delivers more—four and more

Now part of the S9 Series, ResMed's VPAP bilevels bring you four innovations to ensure your patients sleep comfortably through the night and feel the benefits of healthy sleep. Featuring the quietest motor on the market, superior humidification with Climate Control, comfortable Easy-Breathe waveform and a stylish, user-friendly design, ResMed's VPAP system delivers more to your patients than any other bilevel device.

Data management

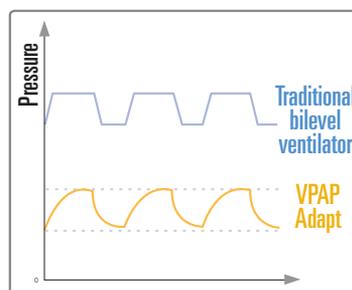
The VPAP Adapt offers a range of data management options to help you monitor patient progress:

- 30 sessions of detailed data (eg, flattening index, snore, minute ventilation and oximetry) on SD card
- Seven sessions of high resolution data (flow and pressure) on SD card
- 365 sessions of compliance and summary data (eg, summary, efficacy and usage data, including central apnea statistics) on Sleep Report, device and SD card

Compliance and summary data are easily transferred from the S9 wireless module for daily remote monitoring and from the SD card on the VPAP Adapt.



The intuitive treatment screen displays the patient's inspiratory and expiratory pressures in an easy-to-read bar graph, in addition to other patient data such as target minute volume and minute volume at every breath.



Unlike traditional bilevel therapy, the S9 VPAP Adapt delivers a smooth Easy-Breathe pressure waveform, which is similar to normal respiration so breathing feels more natural and comfortable.

TECHNICAL SPECIFICATIONS

Operating pressure range

4 to 25 cm H₂O

Sound pressure level (CPAP mode)

24 dBA with uncertainty of 2 dBA as measured according to ISO 17510-1:2002

Dimensions (L x W x H)

6.0 x 5.5 x 3.4" (153 x 140 x 86 mm)

Weight

1.84 lb (835 g)

90W power supply unit

Input range 100-240V, 50-60Hz, 70W (80VA) (typical power consumption), >100VA (maximum power consumption)

Operating:

Temperature 41°F to 95°F (+5°C to +35°C)

Humidity 10-95%, non-condensing

Altitude sea level to 8,500' (2,591 m)

Storage and transport:

Temperature -4°F to 140°F (-20°C to +60°C)

Humidity 10-95% non-condensing

Housing construction

Flame retardant engineering thermoplastic

Supplemental oxygen

Recommended maximum supplemental oxygen flow: 4 L/min

Standard air filter

Polyester fiber

Air outlet

The 22 mm conical air outlet complies with ISO 5356-1

Electromagnetic compatibility

Product complies with all applicable EMC requirements according to IEC60601-1-2, for residential, commercial and light industry environments.

Aircraft use

ResMed confirms that this device meets the Federal Aviation Administration (FAA) requirements (RTCA/DO-160F, section 21, category M) for all phases of air travel.

IEC 60601-1 classification

Class II (double insulation), Type BF

PRODUCT CODES

S9 VPAP Adapt	36007
S9 VPAP Adapt + H5i	36017
S9 VPAP Adapt + H5i + ClimateLine	36027
ClimateLine	36995
ClimateLine ^{MAX}	36997
S9 Wireless Module	36930
S9 Oximetry Complete Kit	369100



Combine the S9 VPAP with ResMed's premium masks for a system that delivers more comfort and compliance.