



VPAP™ S

The next level in bilevel

The VPAP™ S is a compact bilevel device designed to deliver effective and comfortable therapy. VPAP S uses ResMed's patented Easy-Breathe motor to make breathing easier for patients with obstructive sleep apnea (OSA), noncompliant CPAP users and those who require additional ventilatory support.

Big performance in a small package

The system is exceptionally compact and convenient, making it ideal for travel or home use.

Featuring the Easy-Breathe motor, ResMed's new technology, VPAP S offers nearly silent therapy, so patients and their bed partners can sleep peacefully throughout the night. In fact, the VPAP S is 75% quieter than competitive bilevel devices.

The high-performance H4i™ humidifier offers best-in-class humidification for comfortable therapy that is easy to use on a nightly basis.

Comfortable, effective treatment

In CPAP mode, optional EPR™ (expiratory pressure relief) decreases pressure upon exhalation for more comfortable therapy. In S (spontaneous) mode, two treatment pressures are set for inspiration (IPAP) and expiration (EPAP).

In addition to traditional spontaneous bilevel therapy, VPAP S features ResMed's Vsync™ leak management algorithm, TiControl™ breath synchronization control, and trigger and cycle sensitivity to further synchronize with patients. Consequently, VPAP S provides unparalleled bilevel therapy treatment.

Rich data options

VPAP S is incredibly reliable and compatible with the S8 ResLink™, ResScan™ and S8 ResTraxx™. Built-in ResScan data card capability makes objective measurement of treatment use and treatment effectiveness simple and straightforward, while enabling you to access data and update therapy settings.



Easy-Breathe
The choice is easy.

VPAP S FEATURES SUMMARY

Modes of operation

- S (Spontaneous)
- CPAP (with EPR)

Product features

- Simplified standard setting menu
- Vsync automatic leak management
- TiControl (Ti max/min)
- Adjustable breath trigger/cycle
- 24V DC input (via converter)
- Compact S8™ design
- Easy-Breathe motor

Heated humidification

- Optional, fully integrated

Data storage

- Usage and treatment summary (day, week, month, six-month, year)
- Usage profile
- Summary data storage
- Detailed data storage
- Remote settings adjustment

Data transfer

- Direct download to PC
- ResLink via SmartMedia card
- ResScan Data Card
- Live oximetry with ResLink
- Remote compliance monitoring via ResTraxx



TECHNICAL SPECIFICATIONS

Performance

Operating pressure range: 3 to 25 cm H₂O
Maximum single fault pressure: 40 cm H₂O

Dynamic pressure characteristics

S mode: IPAP: 4 to 25 cm H₂O; EPAP: 3 to 25 cm H₂O

CPAP mode: 4 to 20 cm H₂O

Sound pressure level

< 26 dB (tested in accordance with the requirements of ISO 17510-1:2002)

Data storage

Data includes usage, leak, pressure, AHI, AI, tidal volume, respiratory rate and minute ventilation

Via LCD menu: 365 sessions of summary data

Via ResLink: 365 sessions of summary data, 30 sessions of detailed data

Via ResScan Data Card: 180 sessions of summary data, two sessions of detailed data

Dimensions (L x W x H): 4.4" x 6.5" x 5.7" (112 mm x 164 mm x 145 mm)

Weight: 2.9 lb (1.3 kg)

Power supply

Input range 100–240VAC, 50–60Hz, 40VA (typical power consumption), < 100VA (maximum power consumption), 12–24DVC via ResMed DC 24V/50W converter

Environmental conditions

Operating temperature: 41°F to 97°F (+5°C to +35°C)

Operating humidity: 10–95% non-condensing

Electromagnetic compatibility

Product complies with all applicable electromagnetic compatibility requirements (EMC) for residential, commercial and light industry environments according to IEC 60601-1-2.

Air filter

Two-layered, powder-bonded, polyester non-woven fiber

IEC 60601-1 classification

Class II (double insulated), Type CF

Note: The manufacturer reserves the right to change these specifications without notice.

PRODUCT CODES

VPAP S	26119
H4i with standard water chamber	26940
VPAP S + H4i	26120
S8 ResLink	22206
Oximeter Kit	1430050
S8 ResTraxx US	22204
S8 ResTraxx Canada	22221