

## VPAP Adapt SV data

### Live data

(Viewed via the LCD screen on the VPAP Adapt SV front panel)

- Device mode
- Expiratory/inspiratory pressure
- Instantaneous pressure graphic
- Leak
- Respiratory rate
- Tidal volume
- Minute ventilation
- Target ventilation

### Stored data

(Viewed on your PC via ResScan™ software)

- Summary graphs and statistics
- Detailed data as traces

In addition to data stored by VPAP Adapt SV, in-depth data can be acquired using the ResLink module with oximetry and SmartMedia Card.

### PRODUCT CODES

#### AUS/NZ

VPAP Adapt SV	26009
HumidAire 2i	30904
ResLink	30954
Oximeter	1430050
DC-30 Power Converter	22005

### Clinical references

- 1 Young et al. *Am J Respir Crit Care Med.* 2002; 165: 1217–39
- 2 Teschler H et al. *Am J Respir Crit Care Med.* 2001; 164: 614–19
- 3 Philippe C. Heart. 2005; Published online Jun 20
- 4 Töpfer V et al. *Pneumologie.* 2004; 58(i): 28–32



Optional ResLink™ module and oximetry captures more data and monitors oxygen saturation



Optional integrated humidifier provides comfortable and convenient home therapy



VPAP Adapt SV is compatible with ResMed's wide range of masks that ensure optimum fit and comfort

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## TECHNICAL SPECIFICATIONS

### Dimensions (HxWxD)

142 mm x 248 mm x 293 mm

### Weight

Flow generator: 8.14 lbs (3.7 kg)  
(with HumidAire 2i™: 9.24 lbs (4.2 kg))

### Performance

Operating pressure range: 4–20 cm H<sub>2</sub>O

### Modes

CPAP and ASV

### Power Supply

AC input: 110–120 V and 220–240 V; 50–60 Hz; 60 VA  
DC input: 30 V (DC-30 Power converter for portable operation via car DC power output; battery adaptor with battery clamp fittings also available)

### Air Tubing

1 x 2 m

### Device Function Alarms

(including power failure)

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

## VPAP Adapt SV™

The easy answer for complex patients



## Sleep-disordered breathing (SDB) and the company it keeps

SDB has direct, proven links to many chronic diseases, including diabetes, hypertension, heart failure and cardiovascular disease.

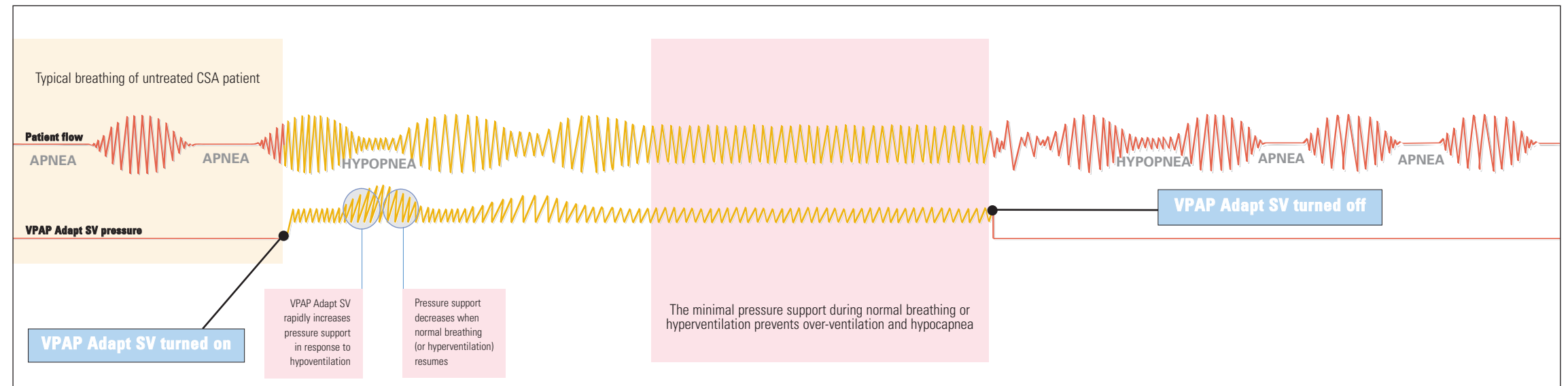
Obstructive sleep apnea (OSA) and central sleep apnea (CSA) are types of SDB. CSA occurs in many forms:

- pure CSA
- mixed apnea (CSA with OSA)
- CSA with hyperpneas, or Cheyne-Stokes respiration (CSR).

### The effects of untreated SDB

Untreated SDB is known to cause hypertension and contribute significantly to cardiovascular diseases<sup>1</sup>.

Apneas place great stress on the cardiovascular system. For example, CSR causes repetitive hypoxia, increased sympathetic activity, increased cardiac afterload, oscillations in heart rate and blood pressure, and sleep fragmentation.

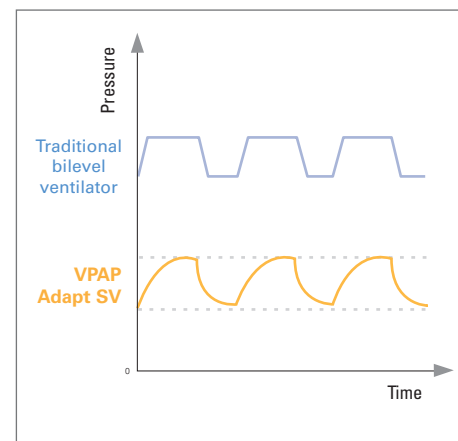


### One of a kind treatment, proven effective

VPAP Adapt SV™ is an adaptive-servo ventilator (ASV) designed specifically to treat CSA in all its forms, including mixed events.

Peer-reviewed literature shows that ASV:

- normalises breathing, completely suppressing CSA and/or CSR in heart failure patients<sup>2,3</sup>
- improves sleep architecture<sup>2</sup> (the amount of time the patient spends in slow-wave and REM sleep increases)
- enhances quality of life<sup>3,4</sup>.



Unlike traditional bilevel therapy, VPAP Adapt SV delivers a smooth pressure waveform, which is similar to normal respiration.

### Support when it's needed

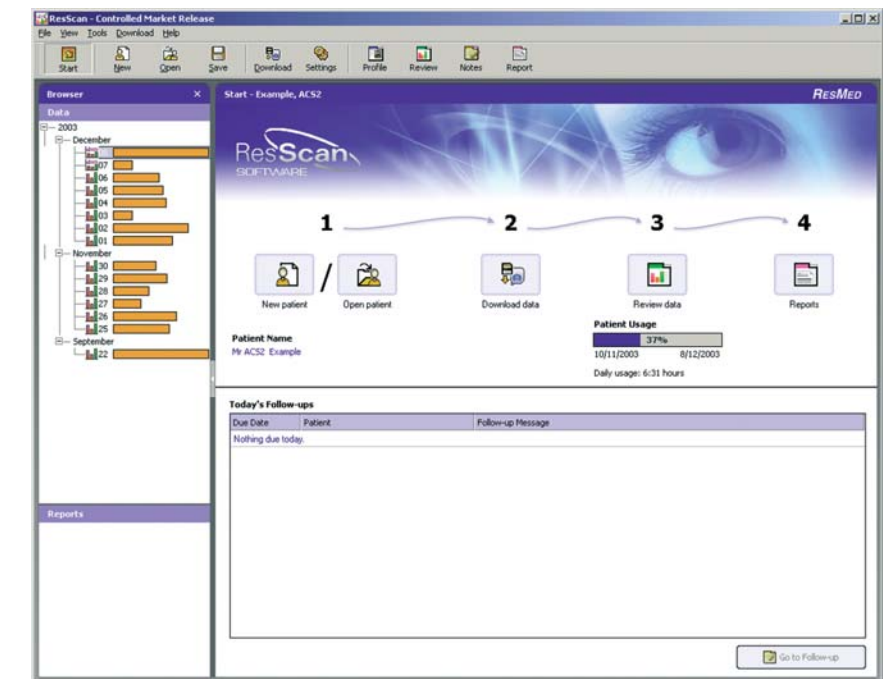
The ASV algorithm:

- adapts to the patient's ventilatory needs on a breath-by-breath basis
- automatically calculates a target ventilation (90% of the patient's recent average ventilation)
- adjusts the pressure support to achieve it.

### Maximising patient comfort and compliance

VPAP Adapt SV:

- ensures pressure support is synchronised to the patient's own recent breathing rate and flow pattern
- provides a constant, low level of pressure support.



ResMed's state-of-the-art ResScan™ software is compatible with the VPAP Adapt SV. The Start Screen guides users through simple steps to view, assess and report therapy information.

Support when it's needed, with  
maximum comfort and convenience