



VPAP™ Malibu

Malibu makes it easy.

ResMed's VPAP Malibu is the premium auto-adjusting bilevel device in the VPAP™ series. It is designed for use in the home, hospital or sleep center, and is ideal for noncompliant CPAP users or patients who have obstructive sleep apnea (OSA) and a medical condition that requires additional pressure support.

Simple

The VPAP Malibu's carefully selected default settings and auto-adjusting VSet™ mode mean that one-touch setup is all that is needed for many patients.

Comfortable

The superior technology of the VPAP Malibu enables patients to sleep comfortably throughout the night and over time. The smooth pressure waveform, taken from the adaptive servo-algorithm of the VPAP Adapt SV,™ mimics normal respiration so that breathing feels more natural.

Effective

The VPAP Malibu combines many of ResMed's most advanced technologies to achieve the ultimate effective treatment.

The Malibu's VSet mode uses AutoSet™ technology to automatically adjust to a patient's pressure needs as they vary throughout the night. The unique flow limitation algorithm enables VSet mode to act preemptively to prevent most apneic and snoring events.

Equipped with three modes (VSet, spontaneous and CPAP), the VPAP Malibu is the most versatile flow generator in the market and is compatible with ResLink,™ HumidAire 2i,™ ResScan™ and ResControl II.™ In addition, the VPAP Malibu offers the following premium features:

- Vsync™ with TiControl™ breath synchronization
- Three patient selectable expiratory pressure profile
- Simplified standard setting menu
- Fully integrated humidifier option
- Comprehensive usage and efficacy data
- Detailed downloads with new pressure contributions graph
- 12V DC input via DC converter



VPAP SERIES COMPARISON TABLE

	VPAP III	VPAP Malibu
Modes of Operation		
VSet		●
SPONT	●	●
CPAP	●	●
Product Features		
Vsync automatic leak management	●	●
TiControl (IPAP Max/Min)	●	●
Adjustable breath trigger/cycle	●	●
Adjustable exhalation comfort		●
12V DC input (via converter)		●
Auto-adjusting bilevel pressures		●
Humidification (heated and cool)		
Optional, fully integrated	●	●
Data storage		
Smart Data™	●	●
Usage and Treatment Summary (day, week, month, 6-month, year)	●	●
Usage profile	●	●
Treatment profile	●	●
Night profile	●	●
Pressure contributions graph (VSet)		●
Data Transfer		
Direct download to PC	●	●
ResLink via SmartMedia card	●	●

PRODUCT CODES

VPAP Malibu

Americas **26201**

HumidAire 2i

Americas **30902**

TECHNICAL SPECIFICATIONS

Performance

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

Dynamic pressure characteristics

VSet mode: 4 to 25 cm H₂O
AutoSet max pressure: 20 cm H₂O; Pressure support: 0 to 10 cm H₂O
AutoSet pressure is the mid-point between IPAP and EPAP

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

CPAP mode: 4 to 20 cm H₂O

Dynamic flow characteristics

130 L/min at 3 to 25 cm H₂O

Sound pressure level

< 30 dB (tested in accordance with the requirements of ISO 17510-1:2002)

Data storage

365 days of usage, leak, pressure, AHI and AI data

Dimensions (L x W x H)

10.6" x 9.1" x 5.6" (26.9 cm x 23.1 cm x 14.1 cm)

Weight: 5.1lb (2.3 kg)

Power supply

Input range 100–240V, 50–60Hz, 40VA (typical power consumption), < 100VA (maximum power consumption)

Environmental conditions

Operating temperature: 41°F to 104°F (+5°C to +40°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 IEC60601-1-2.

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.

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Protected by patents: AU 691200, AU 697652, AU 699726, AU 702820, AU 709279, AU 713679, AU 724589, AU 764761, EP 0651971, EP 0661071, EP 0858352, EP 0920845, EP 0927538, EP 0934723, JP 3638613, US 4944310, US 5199424, US 5245995, US 5522382, US 5704345, US 6029665, US 6138675, US 6213119, US 6363933, US 6398739, US 6591834, US 6635021, US 6675797, US 6705315, US 6745768, US 6770037, US 6935337, US 7004908, US 7040317, US 7100608, US 7137388. Other patents pending. Protected by design registrations: AU 147283, AU 147335, AU 147336, CH 128.709, CH 128.710, CH 128.711, CH 128.712, DE 40201723, DE 40202007, DE 40202008, DE 40202020, ES 153514, ES 153515, ES 153516, ES 153518, ES 156135, ES 156136, FR 02 1407, GB 3001791, GB 3001819, GB 3001820, GB 3001821, JP 1164087, JP 1164265, JP 1164266, JP 1164267, JP 3638613, NZ 527088, SE 75598, SE 75599, SE 75600, SE 75715, US D467335, US D468011, US D476077, US D477868, US D487311, US D503796. Others pending.

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