

RESMED

S9 Elite™

POSITIVE AIRWAY PRESSURE



When an intelligent, feature rich fixed CPAP is needed, the S9 Elite is ResMed's recommendation. Like other devices in the S9 series, it includes comfort and compliance enhancing features like enhanced Easy-Breathe technology... for whisper quiet mask and device therapy plus Easy-Breathe EPR for the ultimate in natural, comfortable breathing. To ensure greater insight into therapy, the S9 Elite provides via USB, or SD card high resolution oximetry, efficacy and compliance data.

S9™ Series
More. Comfort.

Easy-Breathe Technology

Easy-Breathe technology delivers superior patient-device synchrony, increased patient comfort, improved device quality and, ultimately, improved compliance. Sure, this new technology reduces radiated noise to 24dBA, which in itself sets the benchmark for device noise, but there is more to this technology...Conducted noise which passes from the device to the mask via the tubing is radically reduced. What does this mean? A significant improvement in comfort levels reported with respect to mask and tubing noise.

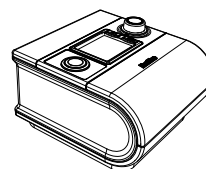
Blinded, paired preference comparison of conducted noise (n=17)

CPAP at 10cm H ₂ O with S9 with SlimLine tube and S8 II with standard tube	Preferred S8 II	Preferred S9	No preference
S8 II vs S9	1	15	1
S8 II with H4i vs S9 with H5i	0	12	5

Benefits



Technical Specifications



Easy-Breathe EPR

ResMed has enhanced the clinically proven Easy-Breathe EPR waveform to be even more comfortable. Throughout the night and breath by breath, the Easy-Breathe waveform reduces the work of breathing during exhalation creating a gentle pressure that adapts to the patient's natural breathing cycle. With pressure delivery and patient breathing more closely synchronised, breathing has never felt more natural.

New S9 Elite Features

- **Easy-Breathe Technology**
Easy-Breathe motor technology for unrivalled radiated and conducted noise levels
- **Compatibility**
Full compatibility with H5i humidifier, 15mm SlimLine and ClimateLine tubing plus 19mm standard tubing
- **Optional Climate Control**
 - o Absolute humidity delivery regardless of changes to ambient conditions or therapy pressure throughout the night
 - o Temperature control for greater patient comfort
- **Summary Data**
Summary, efficacy and usage data for up to 365 nights including central apnoea statistics
- **Detailed Data**
Efficacy and usage data for up to 30 nights
- **Additional parameters**
30 nights' data on additional parameters including flattening index, snore, minute ventilation and oximetry (when oximeter is connected)
- **Flow data**
High-resolution flow data at 25Hz for up to 7 nights
- **Sleep Quality Indicator**

OPERATING PRESSURE RANGE 4 to 20 cm H₂O

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

DIMENSIONS (L X W X H) 153 x 140 x 86mm

WEIGHT 810g

90W POWER SUPPLY UNIT
Input range 100-240V, 50-60Hz, 70VA (typical power consumption), >100VA (maximum power consumption)

OPERATING:
temperature +5°C to +35°C
humidity 10-95%, non-condensing
altitude Sea level to 2,591 m

STORAGE AND TRANSPORT:
temperature -20°C to +60°C
humidity 10-95% non-condensing

HOUSING CONSTRUCTION
Flame retardant engineering thermoplastic

SUPPLEMENTAL OXYGEN
Recommended maximum supplemental oxygen flow: 4L/min

STANDARD AIR FILTER Polyester fibre

SLIMLINE™ AIR TUBING
Flexible plastic, 1.83m, 15mm inner diameter

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

ELECTROMAGNETIC COMPATIBILITY
requirements (EMC) according to IEC60601-12. For residential, commercial, and light industry environments.

AIRCRAFT USE
These S9 devices comply with US FCC Part 15, Class B requirements if no external data cables are used.

IEC 60601-1 CLASSIFICATION
Class II (double insulation), Type BF

Product Codes

S9 Elite	36143
H5i	36905
Climate Control kit	36915

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