

RESMED

Humidification and Climate Control



The Benefits of Humidification

Therapy can overwhelm the upper airway's ability to add warmth and humidity to inspired air leading to upper airway symptoms. These symptoms can lead to a reduction in patient compliance and treatment efficacy.

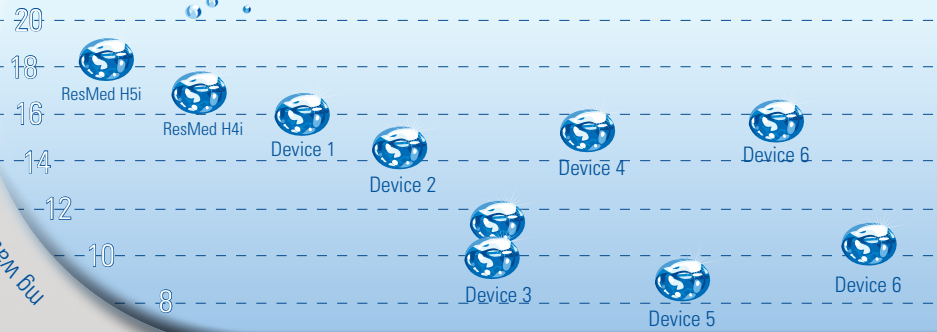
S9™ | Series
More. Comfort.

H5i performance

The H5i has delivers market leading humidification performance* with the ability to add more than 17.5mgH₂O/litre of dry air.

The H5i is controlled with the S9 dial making the adjustment process simple. In Auto mode, with ClimateLine tubing, the patient simply has to adjust the temperature using the dial on the S9.

mg water added per litre dry air



* All ResMed and competitor devices tested to ISO8185, at 50 l/min and maximum device output at 20degC

Climate Control

Explaining to a patient why humidification is important and configuring a humidifier can be challenging. These issues are resolved when providing the S9, H5i and ClimateLine tubing as a combination known as Climate Control. For the first time, air is delivered at the temperature your patients demand whilst five sensors, including one close to the mask, monitor multiple conditions to provide optimal humidification – automatically. In addition, rainout – which causes “gurgling” noises, variable pressure swings and water condensation on the face, are effectively managed with Climate Control when in Auto mode.

To set up Climate Control connect the ClimateLine tubing to the H5i, set the most comfortable temperature on the S9 and Climate Control automatically does the rest.

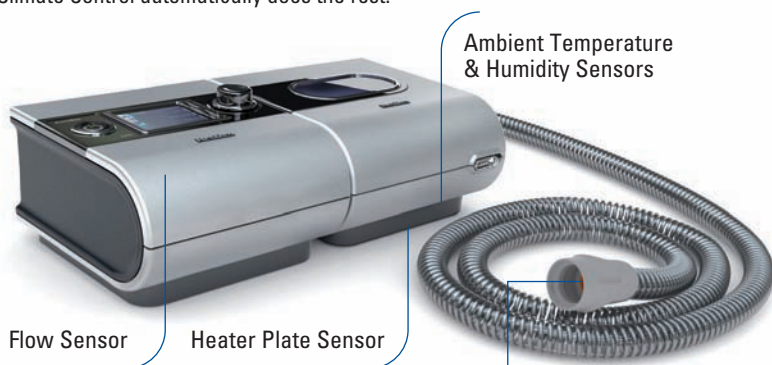
H5i Water Tub

The H5i cleanable water tub offers notable benefits for the sleep professional;

- Multi patient multi use – (MPMU)
- Dishwasher cleanable

ClimateLine Tubing

Rainout can occur with high performance humidifiers like the H5i if the added water vapour condenses as it cools through the tubing. Rainout has been shown to adversely affect therapy and impact compliance. (Bacon et al, Chest 2000 Nov; 118(5): 1441-1449). The Climate Control algorithms utilize the heated ClimateLine tubing and a temperature sensor near the mask to manage rainout effectively.



Ambient Temperature & Humidity Sensors

Mask Temperature Sensor built into the ClimateLine tubing

Product Codes

S9 Elite	36143
S9 AutoSet	36145
H5i	36905
Climate Control kit	36915

Technical Specifications

MATERIALS

H5i Cleanable water tub:
Injection molded plastic, silicone seal, stainless steel

Docking station:
Flame retardant engineering thermoplastic, aluminium

WATER CAPACITY

380ml

SINGLE PATIENT MULTI USE

Yes

MULTI PATIENT MULTI USE

Yes

CLEANING METHODS

Dishwasher; High level thermal or chemical disinfection

NUMBER OF PARTS:

H5i CLEANABLE WATER TUB

5

USE DISTILLED WATER?

Optional

HUMIDIFICATION DURATION

At least 8 hrs (tested to 14hrs at 10cmH₂O, 35L/min)

Manufacturer: ResMed Ltd 1 Elizabeth Macarthur Drive Bella Vista NSW 2153 Australia. Distributed by: ResMed Corp 9001 Spectrum Center Boulevard San Diego CA 92123 USA, ResMed (UK) Ltd 96 Milton Park Abingdon Oxfordshire OX14 4RY UK. See www.resmed.com for other ResMed locations worldwide. AutoSet, Elite and H5i are trademarks of ResMed Ltd and is registered in U.S. Patent and Trademark Office. © 2010 ResMed Ltd. Specifications may change without notice. 1013795/1 10 01 ResMed Europe c/o ResMed Norway Fjordveien 1 1363 Høvik Norway