



HumidAire 3i™

Seamlessly integrated humidification
—compact without compromise

ResMed's stylish HumidAire 3i™ is designed to provide heated humidification and form a seamlessly integrated unit when attached to the ResMed S8™ system.

The combination of an S8 and HumidAire 3i provides the first compact system offering truly integrated humidification.

ResMed's HumidAire 3i is designed to offer relief from the symptoms of dryness and congestion associated with CPAP therapy, without compromising performance and ease of use.

The proven benefits of humidification

Up to 40%¹ of nasal CPAP users experience nasal congestion and dryness of the nose and throat. The warm moist air that humidification provides has been proven² to relieve symptoms of dryness and can make therapy more comfortable. In fact compliance gains may be realized sooner if patients are started with heated humidity at CPAP initiation.³

1 Richards GN, et al. Am J Respir Crit Care Med 1996 Jul;154(1): 182-186

2 Massie CA, et al. Chest 1999 Aug;116(2):403-408

3 Rakotonanahary D, et al. Chest 2001 Feb;119(2):460-465



PROFESSIONAL BENEFITS

- Humidification without compromise—unique dual-spiral action ensures effective therapy and efficient water use
- Quality parts including stainless steel plate, and nickel coated aluminium heater for long lasting scratch resistance
- Modular unit/flexible platform—improved inventory management
- Easy to use, set up, refill and clean—convenient and user-friendly
- Easy for patients to adopt and stay on therapy—aids compliance

PATIENT BENEFITS

- Fliptop lid—no need to remove tube to refill water chamber. Convenient and user-friendly
- Compact design—unobtrusive in the bedroom and easily packed for travel
- Seamlessly integrated unit—simply snaps into place whenever required
- 385 ml capacity—high volume, high efficiency humidification in a compact unit
- Powered by ResMed's S8 devices—no additional power cords or cables required
- Dial control—easy to use in the dark and quick to respond
- Power-on light plus heating indicator—reassuring
- Easy to clean—convenient

TECHNICAL SPECIFICATIONS

Performance

Maximum heater plate temperature: 85°C (185°F)
Temperature cut-out: 93°C (199°F)
Maximum output humidity: 95% relative humidity (control dial set to maximum setting, flow rate 50 L/min, ambient temperature of 20°C, (68°F), ambient relative humidity of 40%).

Dimensions (H x W x D)

(chamber and docking station)
118 mm x 170 mm x 212 mm
(4.6" x 6.7" x 8.3")

Weight

Docking station and unfilled water chamber: 1.5 kg (670g)
Water capacity to maximum fill line: 385ml

Power supply input range

100-240V, 50/60Hz; 110V, 400Hz; 2.5A <140 VA (110 W) (maximum power consumption).
Instantaneous peak power consumption <340 VA.
Actual average power consumption will vary, depending on factors such as temperature setting, set pressure, the use of accessories, height above sea level, and ambient temperature.
Maximum heater element power: 85 W.

Housing construction

Docking station: Flame retardant engineering thermoplastic, plated cast aluminium.
Water chamber: Injection molded plastic, stainless steel.

Environmental conditions

Operating temperature: +5°C to +40°C (+41°F to +104°F)
Operating humidity: 10–95% non-condensing
Storage and transport temperature: -20°C to 60°C (-4°F to +140°F)
Storage and transport humidity: 10–95% non-condensing

IEC 60601-1 classification

Class II (double insulation)
Type CF

Electromagnetic Compatibility

Product complies with all applicable electromagnetic compatibility requirements (EMC) according to IEC60601-1-2, for residential, commercial and light industry environments.

*Consult the medical department of the carrier before using on aircraft.

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

PRODUCT CODE

HumidAire 3i

Australia and New Zealand

33946