



ResMed

AirCurve™10 ST

Personalised ventilation made easy

AirCurve 10 ST is a noninvasive ventilator designed for spontaneously breathing non-dependent patients with respiratory insufficiency. It is easy to set up and use.



Hospital

Home

Ramp

Vsync

TiControl

5Trigger



AirCurve technologies

AirCurve 10 ST device give you the flexibility to fine-tune settings and accommodate various patient conditions.**



Vsync

Vsync provides excellent patientventilator synchrony, even in the presence of significant leak.



TiControl

TiControl lets you set min and max limits on either side of the patients ideal inspiratory time.



5 Trigger

Trigger and cycle helps you optimise settings according to the patients condition, using five trigger and cycle sensitivity levels.

Key features

ClimateControl Auto for automatic humidification

When used with a HumidAir heated humidifier and ClimateLineAir heated tube, AirCurve delivers humidification automatically no settings to change and no complicated menus to navigate. So you can set your patients up to receive all the benefits of humidification as soon as they turn on their device.

Ramp for extra comfort

AirCurve offers Ramp feature to help patients ease into each therapy session. Ramp reaches the prescribed therapy level gradually and comfortably.

Technical specifications

Modes	CPAP, S, ST, T
Operating pressure range	3-25 cm H ₂ O (2-25 hPa) in S, ST, T mode 4-20 cm H ₂ O (4-20 hPa) in CPAP mode
Sound pressure level	26.6 dBA with uncertainty of 2 dBA as measured according to ISO 17510-1:2009 (CPAP mode)
Dimensions (H x W x D)	116 mm x 205 mm x 150 mm 116 mm x 255 mm x 150 mm (Device with HumidAir humidifier)
Weight	1106 g 1268 g (Device with HumidAir humidifier)
90W power supply unit	Input range: 100240V, 5060Hz, 57VA (typical power consumption) 108VA (peak power consumption)
Operating temperature/humidity/altitude	+5°C to +35°C/ 10-95% relative humidity, non-condensing/ Sea level to 2,591 m; air pressure range 1013 hPa to 738 hPa
Storage and transport temperature/humidity	-20°C to +60°C/ 5-95% relative humidity, non-condensing
Housing construction	Flame retardant engineering thermoplastic
Supplemental oxygen	Recommended maximum flow: 15 L/min (S, ST, T)
Standard air filter	Polyester non-woven fibre
Tubing	ClimateLineAir (15 mm);
Air outlet	22 mm air outlet complies with ISO 5356-1:2004
Electromagnetic compatibility	Requirements (EMC) according to IEC6060 -1-2:2014 for residential, commercial, and light industry environments
Aircraft use	ResMed confirms that device meets the Federal Aviation Administration (FAA) requirements (RTCA/DO-160, section 21, category M) for all phases of air travel
IEC 60601-1: 2006 classification	Class II (double insulation), Type BF Ingress protection IP22

Product codes

AirCurve 10 ST with HumidAir heated humidifier and ClimateLineAir heated tube

37306

Note: Technical specifications may change without notice. Always refer to your device user guide.

Available at:

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