ResMed

ResMed **Air** Solutions

AirCurve™ 10 series

a new beginning in therapy choices

The new AirCurve™ 10 therapy device series is part of ResMed Air Solutions, offering a new beginning in therapy choices.

Connected care

Every AirCurve 10 device features built-in wireless connectivity, giving you unprecedented access to therapy data via AirView,™ ResMed's new cloud-based patient management system. Through this one integrated system, you can be more connected with your patients and referral sources, and be more efficient in your business. AirView allows you to troubleshoot (using remote assist) and change device settings remotely, so common therapy questions can be resolved in minutes.

Integrated humidification

ResMed offers built-in heated humidification as a standard feature in all AirCurve 10 therapy devices. So with fewer parts to set up and manage, therapy becomes simpler for you and your patients. And with Climate Control's enhanced Auto option, patients can receive the ultimate in therapy comfort by simply attaching the ClimateLineAir™ heated tube and pressing Start on their device. No settings to change and no complicated menus to navigate.

The AirCurve 10 series includes AirCurve 10 ASV, AirCurve 10 S, AirCurve 10 ST and AirCurve 10 VAuto. Each model is designed to help you set up patients quickly and easily, helping improve sleep quality in even the most challenging patients.

AirCurve 10 ASV

AirCurve 10 ASV offers truly personalized therapy for central breathing disorders such as Cheyne–Stokes respiration (CSR), central sleep apnea (CSA, including complex sleep apnea) and associated obstructive events.

AirCurve 10 ASV is the only adaptive servo-ventilator that targets the patient's recent minute ventilation, featuring the most clinically studied and proven ASV algorithm.[1]

The device's ASVAuto mode adapts to a patient's ventilatory and upper airway stability needs on a breath-by-breath basis. Rapid pressure responses help to deliver more effective therapy. By treating central breathing disorders with auto-adjusting pressure support, and upper airway obstruction with auto-adjusting EPAP, the device works to rapidly stabilize breathing to help improve blood gases and reduce stress on the heart.[2] ResMed's minute-ventilation ASV uses high-resolution breath-phase mapping to continuously learn the patient's own respiratory rate, delivering pressure matched to the patient's own breathing. Combined with the Easy-Breathe waveform, this gives patients personalized, comfortable therapy for improved sleep quality.

AirCurve 10 S

A fixed-pressure bilevel device designed to deliver effective, comfortable therapy for a wide range of patients, particularly noncompliant CPAP patients.

AirCurve 10 VAuto

An auto-adjusting bilevel device that uses the comfort of both the proven AutoSet™ algorithm and Easy-Breathe waveform in its VAuto algorithm to treat obstructive sleep apnea (OSA) patients who need greater pressure support. VAuto adjusts the baseline pressure to hold the airway open while maintaining a fixed pressure support.

AirCurve 10 ST

The AirCurve 10 ST is a bilevel device with backup rate that provides exceptional patient–ventilator synchrony so patients remain comfortable and well-ventilated, reducing the work of breathing. Ideal choice for reliable, cost-effective noninvasive ventilation when alarms are not required.

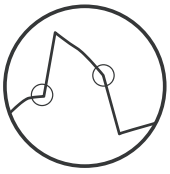
Find out more at
ResMed.com/AirSolutions

ResMed

AirCurve technologies

AirCurve 10 S, AirCurve 10 ST and AirCurve 10 VAuto give you the flexibility to fine-tune settings and accommodate various patient conditions.

TiControl™



Trigger Sensitivity

Vsync

TiControl lets you set minimum and maximum time limits on either side of the patient's ideal spontaneous flow cycling, creating a window of opportunity for the patient to spontaneously cycle the breath and timely intervention during challenging conditions.

Adjustable trigger and cycle sensitivity settings can be used to optimize synchrony between the device and the patient's own respiratory efforts.

Vsync is advanced leak management technology that helps provide patient–ventilator synchrony. Vsync is available in all AirCurve 10 devices.

	Therapy modes							Comfort features						Data management			Patient engagement
Devices	CPAP	VAuto	S	ST	T	ASV	ASVAuto	TiControl	Trigger and cycle	Vsync	Easy-Breathe waveform	Climate Control	Enhanced Climate Control Auto	Built-in wireless technology	AirView/ EasyCare online	AirView's remote assist	myAir™
AirCurve 10 S	•		•					•	•	•	•*	•	•	•	•	•	•
AirCurve 10 VAuto	•	•	•					•	•	•	•*	•	•	•	•	•	•
AirCurve 10 ASV	•					•	•			•	•	•	•	•	•	•	•
AirCurve 10 ST	•		•	•	•			•	•	•		•	•	•	•	•	•

* A traditional square waveform with adjustable rise time is also available in S mode in the AirCurve 10 S and AirCurve 10 VAuto for patients who need greater ventilatory support.

1 Based on available data at the time this was published.

2 Oldenburg et al. Adaptive servoventilation improves cardiac function and respiratory stability. *Clin Res Cardiol* 2011 Feb;100(2):107-15.

Distributed by ResMed Corp, 9001 Spectrum Center Boulevard, San Diego, CA 92123 USA +1 858 836 5000 or 1 800 424 0737 (toll free). See ResMed.com for other ResMed locations worldwide. AirCurve, AirView, AutoSet, ClimateLineAir, myAir and TiControl are trademarks and/or registered trademarks of the ResMed family of companies. Specifications may change without notice. © 2014 ResMed. 1017630/2 2014-08

℞ Only

ResMed.com/AirSolutions