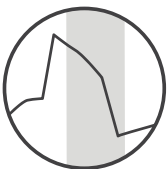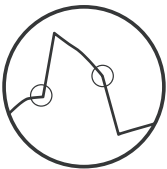# ResMed **Air** Solutions
AirCurve™ 10 series

AirCurve technologies

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

TiControl

Trigger and cycle 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 for 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-device synchrony. Vsync is available in all AirCurve 10 devices.

Devices	Therapy modes									Comfort features						Data management			Patient engagement
	CPAP	VAuto	S	ST	T	ASV	ASVAuto	PAC	iVAPS	TiControl	Trigger and cycle	Vsync	Easy-Breathe waveform	Climate Control	Enhanced Climate Control Auto	Built-in cellular technology	AirView	AirView's Remote Assist	myAir™
AirCurve 10 S	•		•							•	•	•	•††	•	•	•	•	•	•
AirCurve 10 VAuto	•	•	•							•	•	•	•††	•	•	•	•	•	•
AirCurve 10 ASV	•					•	•			•	•	•	•	•	•	•	•	•	•
AirCurve 10 ST	•		•	•	•					•	•	•		•	•	•	•	•	•
AirCurve 10 ST-A	•		•	•	•			•	•	•	•	•		•	•	•	•	•	•

ResMed.com/AirSolutions

helping improve sleep quality for patients of all types

ResMed.com/AirSolutions

Leveraging connected care to deliver advanced sleep therapy that's fast, safe and easy to use

Remote patient monitoring

Keep an eye on your patients' device settings without leaving your office. Every ResMed AirCurve™ device features our built-in AirView™ connectivity, giving you the power to combine your workflows with the data generated by your patients and referral sources for faster decision making and more efficient care. Bridge the communications gap to more easily troubleshoot minor problems, answer common questions and change settings, all via a responsive, remote interface.

Integrated humidification

Heated humidification is a standard feature of all AirCurve 10 therapy devices, offering simpler management for clinicians and more comfortable therapy for patients. And Climate Control's enhanced Auto option lets patients experience the ultimate in therapy comfort by simply attaching the ClimateLineAir™ heated tube and pressing Start. There are no settings to change, and no complicated menus to navigate.

We offer a variety of easy-to-use AirCurve 10 models, each designed to help improve sleep quality in even the most challenging patients.

AirCurve 10 S

A fixed-pressure bilevel device designed to deliver effective, comfortable therapy for a wide range of patients, particularly non-compliant CPAP patients. Features optional Easy-Breathe waveform, Vsync leak compensation technology that provides patient-device synchrony, TiControl™ and adjustable trigger and cycle sensitivity.

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

A bilevel device with backup rate that provides exceptional patient-device synchrony so patients remain comfortable and well ventilated, reducing the amount of work needed to breathe. Reliable non-invasive ventilation with an alarm-free backup rate.

AirCurve 10 ST-A

A bilevel with backup rate device indicated for adult and pediatric use* featuring iVAPS, ResMed's proprietary intelligent, Volume-Assured Pressure Support mode† that automatically adapts to each patient's needs, and an intelligent Backup Rate (iBR) that maximizes the opportunity to breathe spontaneously. Includes fixed and adjustable alarms for added safety.

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AirCurve 10 ASV

A bilevel with backup rate device that delivers auto-adjusting pressure support on a breath-by-breath basis to stabilize breathing. It treats obstructive, central and/or mixed apneas and periodic breathing. AirCurve 10 ASV learns and predicts the patient's unique breathing pattern by targeting recent minute ventilation.‡

Find out more at
ResMed.com/AirSolutions