









S9™ Series therapy comparison

Common features:

- Award-winning S9™ platform
- Simple interface with intuitive controls and color LCD display
- Maximum comfort with Climate Control and ClimateLine™ tubing
- Ultra quiet operation with enhanced Easy-Breathe motor

- ★★★★ IDEAL – Treatment of choice
- ★★★☆☆ GOOD – Well-suited for application
- NA NOT RECOMMENDED – Not suited for application

	Obstructive Sleep Apnea	Ventilatory Assistance Requires bilevel Pressure Support for ventilator assistance, includes overlap, COPD and obesity hypoventilation	CompSAS, CSA/CSR Central sleep apnea, mixed apnea and periodic breathing
Reimbursement Code E0601	S9 Elite™  <p>★★★★☆</p> <ul style="list-style-type: none"> • CPAP with CSA detection • Optional Easy-Breathe waveform with EPR™ 	NA	NA
	S9 AutoSet™  <p>★★★★</p> <ul style="list-style-type: none"> • AutoSet algorithm with CSA detection • Optional Easy-Breathe waveform with EPR™ 	NA	NA
Reimbursement Code E0470	VPAP™ S  <p>★★★★☆</p> <ul style="list-style-type: none"> • Easy-Breathe waveform option with CSA detection • Adjustable Rise Time • Vsync maintains synchrony 	<p>★★★★☆</p> <ul style="list-style-type: none"> • Adjustable Rise Time • Vsync maintains synchrony • Adjustable TiControl™ 	NA
	VPAP™ Auto  <p>★★★★</p> <ul style="list-style-type: none"> • Auto-bilevel treatment with AutoSet™ technology • Easy-Breathe waveform • CSA detection 	<p>★★★★☆</p> <ul style="list-style-type: none"> • Ideal for non-backup rate bilevel support and OSA comorbidity • VAuto auto-bilevel and standard SPONT modes • Adjustable TiControl™ 	NA
	VPAP™ COPD  <p>★★★☆☆</p> <ul style="list-style-type: none"> • Adjustable Rise Time • Vsync maintains synchrony 	<p>★★★★</p> <ul style="list-style-type: none"> • Compact, high performance NIV • Alarms and IPAP pressure up to 30 cm H2O • FDA-cleared and indicated to treat COPD 	NA
Reimbursement Code E0471	VPAP™ ST  <p>NA</p>	<p>★★★★☆</p> <ul style="list-style-type: none"> • Compact, high-performance NIV • Backup rate to 50 bpm • Adjustable TiControl™ and Rise Time to maximize breath efficacy • Accurate TV/MV display 	NA
	VPAP™ ST-A  <p>NA</p>	<p>★★★★</p> <ul style="list-style-type: none"> • Adjustable TiControl™ and Rise Time to maximize breath efficacy • iVAPS—automatic pressure support to meet alveolar ventilation target • Alarms and IPAP pressure up to 30 cm H2O • Pediatric clearance to treat patients weighing more than 30 lbs (13 kg) 	NA
	VPAP™ Adapt  <p>NA</p>	NA	<p>★★★★</p> <ul style="list-style-type: none"> • Adaptive servo-ventilation support when it's needed • Easy-Breathe waveform • Auto-adjusts EPAP to maintain upper airway patency

Note: The suggested uses of these devices are for CMS purposes
 CSA detection: differentiates between obstructive and central apneas EPR: expiratory pressure relief

	Elite	AutoSet™	VPAP™ S	VPAP™ Auto	VPAP™ COPD	VPAP™ ST	VPAP™ ST-A	VPAP™ Adapt
Operating pressure range (cm H₂O)	4-20	4-20	3-25	3-25	3-30	3-25	3-30	4-25
Modes of operation								
CPAP	•	•	•	•	•	•	•	•
AutoSet™		•						
VAuto				•				
SPONT (S)			•	•	•	•	•	
Spontaneous/Timed (ST)						•	•	
Timed (T)						•	•	
PAC							•	
Adaptive servo-ventilation (ASV and ASVAuto)								•
iVAPS							•	
Product features								
Enhanced Easy-Breathe motor	•	•	•	•	•	•	•	•
Easy-Breathe waveform	•	•	•	•				•
SmartStart™/Stop feature	•	•	•	•	•	•	•	•
Vsync automatic leak management			•	•	•	•	•	•
Adjustable breath trigger/cycle			•	•	•	•	•	
TiControl™ (Ti Max/Ti Min)			•	•	•	•	•	
Auto-adjusts bilevel pressure for OSA events				•				•
CSA detection	•	•	•	•				
Optional integrated oximetry	•	•	•	•	•	•	•	•
Leak alert			•	•	•	•	•	•
3 meter tubing	•	•	•	•	•	•	•	•
Learns and adapts to breathing pattern								•
Learns and adapts to minute ventilation								•
Uses patient's recent respiratory rate (with a 15 bpm backup)								•
Alarms					•		•	
Humidification								
Optional, fully-integrated	•	•	•	•	•	•	•	•
Climate Control with ClimateLine™	•	•	•	•	•	•	•	•
Data transfer								
S9™ wireless module (compliance and efficacy data transfer)	•	•	•	•	•	•	•	•
SD data card	•	•	•	•	•	•	•	•
Data storage								
Detailed data on SD card (30 sessions)	•	•	•	•	•	•	•	•
High resolution flow, pressure on SD card (7 sessions)	•	•	•	•	•	•	•	•
Sleep report on screen (365 sessions)	•	•	•	•	•	•	•	•
Compliance and summary data on SD card (365 sessions)	•	•	•	•	•	•	•	•
Compliance and summary data on device (365 sessions)	•	•	•	•	•	•	•	•



Combine the S9™ Series with ResMed's premium masks for a system that delivers more comfort and compliance.

S9™ | Series
More. Comfort.