



# Dedicated to successful NIV

## Philips Respironics V60 Ventilator

Philips Respironics V60 Ventilator combines Respironics ventilation expertise with Philips focus on simplifying advanced health care. The result is the noninvasive ventilation gold standard with an invasive ventilation safety net and an interactive display that helps simplify patient management.

### Key advantages:

- ICU-grade NIV performance with enhanced safety and monitoring
- Treatment for a wide range of clinical severities and patients from pediatric to adult
- Flexibility for intra-hospital transport with an internal six-hour smart battery

# PHILIPS

# Respironics V60 highlights

Because every breath matters and each one is different, patients need a ventilator that always follows their breathing pattern, whatever their acuity. The Respironics V60 uses auto-adaptive technology to help ensure patient synchrony and therapy acceptance. Improved signal processing technology is finely tuned for both adult and pediatric patients.

## Advanced NIV with Auto-Trak

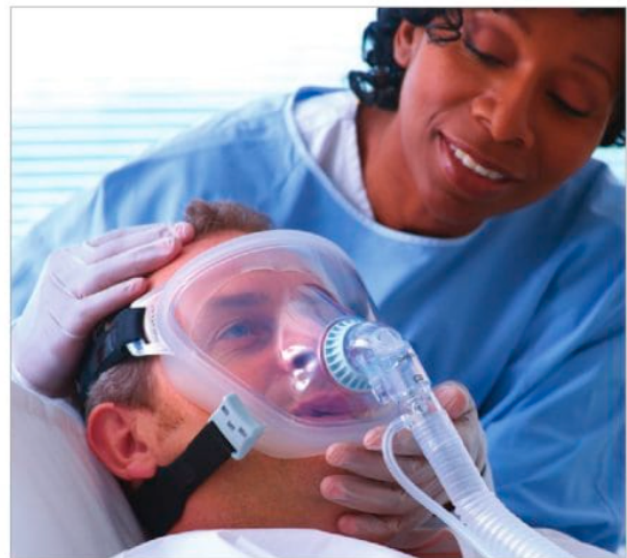
- Auto-adaptive leak compensation
- Auto-adaptive inspiratory triggering
- Auto-adaptive expiratory cycling

## Hospital modes and options

- AVAPS maintains a target tidal volume in a pressure-limited mode. It provides extra assurance similar to a volume-limited mode with the safety of a pressure-limited mode.
- PCV can be used when full control of the patient's breathing pattern is required. Accurate volume monitoring improves invasive ventilation safety.
- CPAP with C-Flex option offers three levels of flow-based expiratory pressure relief. This leads to improved sleep quality and patient comfort, adding greater flexibility and improved treatment acceptance.
- Proportional Pressure Ventilation (PPV) provides inspiratory flow and pressure in proportion to the patient's spontaneous effort,<sup>1</sup> thus improving patient control over their ventilation.<sup>2</sup>
- Auto-Trak Plus is an option for a subset of patients who may benefit from a customized titration of triggering and cycling criteria.



Intra-hospital transport with internal six-hour battery



Auto-adaptive triggering and cycling with Auto-Trak



### Patient types

Adult  
Pediatric ( $\geq 20$ kg)

### Modes

Continuous positive airway pressure (CPAP)  
Spontaneous with timed backup (S/T)  
Pressure control ventilation (PCV)  
Average volume assured pressure support (AVAPS)  
Proportional pressure ventilation (PPV) – optional

### Settings

C-Flex	Off, 1 – 3
CPAP	4 – 25cmH <sub>2</sub> O
EPA	4 – 25cmH <sub>2</sub> O
IPAP	4 – 40cmH <sub>2</sub> O
I-time (inspiratory time)	0.30 – 3.00sec
Max P (AVAPS maximum IPAP)	6 – 40cmH <sub>2</sub> O
Min P (AVAPS minimum IPAP)	5 – 30cmH <sub>2</sub> O
O <sub>2</sub> (oxygen percent)	21 – 100%
Ramp time	Off, 5 – 45min
Rate (respiratory rate)	4 – 60BPM
Rise (rise time)	1 – 5
Triggering and cycling	Auto-adaptive (Auto-Trak)
Auto-Trak Plus	Optional
Trigger	Normal, +1 – 7
E-Cycle	-2, -1, Normal, +1 – +6
AVAPS target tidal volume	200 – 2,000ml

### Monitored parameters

Breath phase/trigger indicator	Spont, timed, exhale
PIP	0 – 50cmH <sub>2</sub> O
Patient/total leak	0 – 200 l/min btps
Patient trigger	0 – 100%
Respiratory rate	0 – 90bpm
Ti/Ttot	0 – 91%
Minute volume	0 – 99.0 l/min btps
Tidal volume	0 – 3,500ml btps

### General

Oxygen inlet pressure range	276 – 600kPa (40 – 87psig)
Weight	10.9kg (24lb) with optional battery 10.0kg (22lb) without optional battery
Dimensions	33.7cm (13.3in) height 39.4cm (15.5in) width 42.9cm (16.5in) depth

### Electrical

AC voltage	100 – 240VAC
AC frequency	50 – 60Hz
AC power	300VA
Battery operating time	Six hours in normal conditions



Pediatric NIV

Model	Product number	Part number
Respironics V60 Ventilator with AVAPS, C-Flex, and six-hour battery (US)	1053617	989805611761
Respironics V60 Ventilator (Canada)	1053615	989805613391
Respironics V60 Ventilator with AVAPS and C-Flex (Canada)	1053614	989805612101
Respironics V60 configuration kit (Canada)	1055577	989805626901



Please visit [www.philips.com/V60](http://www.philips.com/V60)



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[www.philips.com/healthcare](http://www.philips.com/healthcare)  
[healthcare@philips.com](mailto:healthcare@philips.com)

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