



The **Philips Respironics V60 Plus** ventilator incorporates both noninvasive ventilation (NIV) and high flow Therapy (HFT) in one device. High Flow Therapy is a form of respiratory support where oxygen, compressed air, and humidification are delivered to patients at a higher rate of flow than traditional oxygen therapy patients. The V60 Plus comes with Philips proprietary auto-track technology, enables clinicians to quickly adjust the therapies without shifting devices when patient's conditions are constantly changing. By using the touchscreen, key, and navigation a healthcare worker can input instructions for the ventilator to deliver a precisely controlled gas mixture to the patient. Pressure and flow Sensors provide feedback that can adjust the delivery to the patient.

## Features

- High resolution graphics facilitating waveform interpretation.
- Internal 6-hour battery enables intra-hospital transport (actual battery time will vary depending on user settings and battery charge level). Standby mode supports patient-clinician interaction without nuisance alarms.
- Data communication capabilities support hospital connectivity.
- 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.
- CPAP with C-Flex offers three levels of flow-based expiratory pressure relief. This option leads to improved sleep quality and patient comfort, adding greater flexibility and improved treatment acceptance.
- PCV can be used when greater control of the patient's breathing pattern is required. Additionally, the option of ventilating a patient invasively gives the caregiver greater flexibility in the approach to treatment.
- Treatment for a wide range of clinical severities
- and patients from pediatric to adult.
- Flexibility for intra-hospital transport with an internal 6-hour smart battery.



# Specifications

## Dimensions

Height: 13.3 in (33.7 cm)  
 Width: 15.5 in (39.4 cm)  
 Depth: 16.5 in (42.9 c)  
 Weight: 10.9 kg ( 24 lbs) with Battery  
 Weight: 10 kg (22 lbs) without Battery

## Patient type

Adult  
 Pediatric (Less than or equal to 20 kg)

## Battery

14.4V, 10.0 Ah, 163 Wh  
 Maximum system current draw: 11 A  
 Charge Voltage: 16.9 V Maximum  
 Operating Time: 360 minutes under normal condit

## Modes

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

## Settings

C-Flex OFF, 1–3  
 CPAP 4–25 cmH2O  
 EPAP 4–25 cmH2O  
 IPAP 4–40 cmH2O  
 I-time (inspiratory time) 0.30–3.00 sec  
 Max P (AVAPS maximum IPAP) 6–40 cmH2O  
 Min P (AVAPS minimum IPAP) 5–30 cmH2O  
 O2 (oxygen percent) 21–100%  
 Ramp time OFF, 5–45 min  
 Rate (respiratory rate) 4–60 BPM  
 Rise (rise time) 1–5  
 Triggering and cycling Auto-adaptive (Auto-Trak)  
 AVAPS target tidal volume 200–2000 ml

## Monitoring Parameters

Breath Phase / Trigger Indicator Spont, Timed, Exhale  
 PIP 0–50 cmH2O  
 Patient / Total Leak 0-200 l/min BTPS  
 Patient trigger 0–100%  
 Respiratory rate 0–90 BPM  
 Ti/Ttot 0–91%  
 Minute volume <sup>2</sup>OPLQ%736  
 Tidal volume 0–3000 ml BTPS

## General

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

