



The **Philips Respironics V60 Plus** is a Ventilator that runs of of a microprocessor with bi-level, positive air ventilation that can be either non-invasive or invasive for spontaneous breathing. The V60 Plus can offers two different ventilation therapy options in one machine, Non-Invasive (NIV) and High Flow Therapy (HFT). Additionally, the V60 Plus offers AVAP to monitor the tidal volume in a pressure limited mode, PCV when a Patient has reduced lung capacity and can't breathe fully on their own, and CPAP which can provide continuous pressure throughout the respiratory cycle.

The Philips V60 Plus can offer ventilation to both pediatrics and adult patients. The ventilator comes with the Philips auto-tracking technology allowing for adjustments to be made to the therapy needed for the patient without having to switch machines. The system comes with a touch screen display making it easy to use and view the different parameters on a large color screen. With 6-hour battery life, the V60 plus can be used as an intra-hospital transport ventilator.

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.
- 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 ²OPLQ%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

