



The **Philips Respironics Trilogy 100** is a ventilation system that can provide invasive and non invasive means of ventilation to both pediatric and adult patients. At the same time the Trilogy system offers continuous and intermittent ventilation support for individuals suffering from acute or chronic respiratory failure. The Trilogy 100 is a portable ventilation system that runs off of Low flow O₂. The Respironics Trilogy 100 ventilator can control volume and pressure in the ventilation, making it easier for the patient to breath. The Trilogy is a ventilator that has a microprocessor control built into the system. The machine can be used in both home care, institutie/hospital care and hospital transport settings (wheelchair and gurneys).

Features

- Innovation, versatility, and reliability from a trusted industry leader
- Screen displays are easy to read on the Trilogy 100
- Two circuit options for simple, flexible use
- The Philips Trilogy 100 is easy-to-setup and easy-to-use
- Passive circuit option for passive exhalation
- Giving you volume targeting options with AVAPS-AE
- Giving patients freedom ith mouthpiece ventilation (MPV)
- Proven technology for non-invasive therapy with Digital Auto-Trak
- Direct View Ventilation Management Reporting Software for prescription man



Specifications

Dimensions

Height: 9.3 in (23.52 cm)
 Width: 11.2 in (28.45 cm)
 Length: 6.6 in (16.68 cm)
 Weight 5 kg (11 lb)

Environmental

Temperature 5 – 40 °C
 Relative humidity 15 - 95 %
 Atmospheric pressure 110 to 60 kPa

Measured Patient Parameters

Tidal volume: 50 to 2000 ml
 Respiratory rate: 0 to 80 beats per minute
 Minute ventilation: 0 to 99 l/min
 Breath rate: 1 to 60 for AC mode; 1 to 60 for all other modes
 Leak rate: 0 to 2000 l/min
 Inspiratory time: 0.3 to 5.0 sec
 Rise time: 1 to 6
 Peak inspiratory flow: 0 to 2000 l/min
 Ramp start pressure: 0 to 25 cm H₂O for active circuits; 4 to 25 cm H₂O for passive circuits; 4 to 19 cm H₂O in CPAP cm H₂O
 Ramp length: Off; 5 to 45 min
 Peak inspiratory pressure: 0 to 99 cm H₂O
 Mean airway pressure: 0 to 99 cm H₂O
 Flex: Off; 1 to 3
 Flow trigger sensitivity: 1 to 9 l/min
 Percentage patient triggered breaths: 0 to 100 %
 Flow cycle: 10 to 90 %
 I:E ratio: 9.9:1 to 1:9.9
 Apnea rate: 4 to 60 beats per minute

