

MEET THE CHANGING NEEDS OF YOUR PATIENTS.

TRILOGY100, ADVANCED VENTILATOR TECHNOLOGY



Simple ventilation. Sophisticated technology.

Respironics, the originator of bi-level technology, has developed TrilogY100, a remarkably versatile ventilator that meets the needs of adult and pediatric patients alike. Leveraging well-known Respironics technology, TrilogY100 provides clinicians with an array of treatment options by delivering Volume Control Ventilation or Pressure Control Ventilation through either noninvasive or invasive methods with advanced leakage compensation. This built-in flexibility makes TrilogY100 ideal in treating a wide range of respiratory conditions or those respiratory conditions that require frequent changes to the patient's prescription.

ORDERING INFORMATION

Part Number	Description
683CA1054096	TrilogY100 Ventilator

THE THREE KEY BENEFITS OF TRILOGY

1. Easy to use

Managing home ventilator patients is challenging enough. So, the last thing you need is a complicated ventilator. This is why the TrilogY100 provides easy-to-read, easy-to-navigate screens with clear, concise directions. It also has the option of displaying detailed readings for you or simplified screens for the patient and caregiver. Either way, TrilogY100's intuitive design allows for quick access to device settings and patient information. It also allows you to set dual prescriptions – one for daytime and a second for when your patient is sleeping.

2. More portable

As a clinician, you know how limiting a ventilator can be for you patients. From finding the space for it on a wheelchair to managing bulky external batteries or worrying about battery life, improving patient mobility can be extremely challenging. That's why TrilogY100 weighs in at a mere 11 pounds. And its compact design includes a 3-hour internal battery and a 3-hour detachable battery, which can be quickly exchanged with other easy-to-carry spare batteries. Plus, the unique in-use bag offers a simple option for transport. It's all designed to help your patients discover a world of new possibilities and destinations.

3. More versatile

TrilogY100 is both a pressure and volume control ventilator. This gives you the ability to provide more types of therapy for single patient using one device. It also allows you to use the same device on a wide range of patients. Its internal PEEP, combined with a single limb circuit, created uncomplicated application.

SPECIFICATIONS

ENVIRONMENTAL

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

PHYSICAL

Weight	11 lbs, 5kgs
Size	6.6 x 11.2 x 9.3" 16.68 x 28.45 x 23.52 cm

CONTROLS

Circuit types	Active with PAP, passive
Ventilation types	Volume control, pressure control, bilevel
Volume modes	AC, SIMV (w/ PS), CV
Pressure modes	CPAP, S, S/T, T, PC-SIMV (w/PS)
IPAP	4 – 50 cm H2O
EPAP	0 – 25 cm H2O for active circuits 4 – 25 cm H2O for passive circuits
CPAP	4 – 20 cm H2O for passive circuits
PEEP	0 – 25 cm H2O for active circuits 4 – 25 cm H2O for passive circuits
Pressure support differential	0 – 30 cm H2O
Tidal volume	50 – 2000 ml
Breath rate	0 – 60 for AC mode 1 – 60 for all other modes
Inspiratory time	0.3 – 5.0 secs
Rise time	1 – 6
Ramp start pressure	0 – 25 cm H2O for active circuits 4 – 25 cm H2O for passive circuits 4 – 19 cm H2O in CPAP mode
Ramp length	Off, 5 – 45 minutes
Flex	Off, 1 – 3
Flow trigger sensitivity	1 – 9 l/min
Flow cycle	10% - 40%
Apnea rate	4 – 60 BPM

MEASURED PATIENT PARAMETERS

Tidal volume	0 – 2000 ml
Minute ventilation	0 – 99 l/min
Leak rate	0 – 200 l/min
Respiratory rate	0 – 80 BPM
Peak inspiratory flow	0 – 200 l/min
Peak inspiratory pressure	0 – 99 cm H2O
Mean airway pressure	0 – 99 cm H2O
% Patient triggered breaths	0 – 100%
I:E ratio	9.9 : 1 to 1 : 9.9

ALARMS

Circuit disconnect	Off, 10 – 60 secs
Apnea	Off, 10 – 60 secs
High tidal volume	Off, 50 – 2000 ml
Low tidal volume	Off, 50 – 2000 ml
High minute ventilation	Off, 1 – 99 l/min
Low minute ventilation	Off, 1 – 99 l/min
High respiratory rate	Off, 4 – 80 BPM
Low respiratory rate	Off, 4 – 80 BPM

Trilogy100's versatility allows you to deliver portable or in-home patient therapy using an AC power source, an external battery, a detachable battery or the device's internal battery. The detachable battery provides up to three hours of portable therapy while the internal battery delivers three additional hours of cordless operation.

Another of Trilogy100's powerful features is DirectView – a highly sophisticated reporting software system. DirectView allows logging and recording of events and treatment actions and is easy to use for both physicians and caretakers.



FEATURES:

- For adults and children (>5kg)
- Volume and pressure modes
- Invasive and non-invasive capabilities
- Lightweight design (11lbs, 5kgs)
- Internal and detachable batteries
- Easy-to-use interface
- DirectView reporting software-ready
- Dual prescription settings
- AVAPS (Average Volume Assured Pressure Support) technology
- Digital Auto-Trak
- Removable air path

