

Impala   
ventilator

LifeKit by **MTTS**



# IMPALA

Portable ventilator for neonatal, pediatric and adult patients suitable for ambulances and intensive care wards

## Overview

- Portable
- Suitable for emergencies or intensive care wards
- Build-in battery - 3 hours backup
- Integrated blender
- FiO<sub>2</sub> monitoring
- Easy-to-use touch screen
- ACV, SIMV and CPAP modes
- Controlled target PIP and consistent PEEP
- No time restriction on use due to the gas tank limitation



## Physical Specifications (excluding stand)

Unit dimensions	20 cm x 22 cm x 20cm
Shipping (boxed) dimensions	30 cm x 25 cm x 30 cm
Net weight	3 kg
Shipping weight	4 kg

## Performance Specifications

Power characteristics	100 - 240 VAC, 50-60 Hz
Integrated air compressor	Blower
Delivered oxygen concentration	21 - 100%
Battery	Li-ion, 12V-6000mAh

Ventilation mode	ACV, SIMV, CPAP
Respiratory rate	Adult: 5 - 40 bpm
	Neonatal/Pediatric: 5 - 120 bpm
Inspiration time	Adult: 0.1 - 6 s
	Neonatal/Pediatric: 0.4 - 6 s
Tidal volume	Adult: 5 - 800 ml
	Neonatal/Pediatric: 5 - 300 ml
PIP	2 - 40 cm H <sub>2</sub> O
Pressure limitation	4 - 45 cm H <sub>2</sub> O
PEEP	0 - 25 cm H <sub>2</sub> O

## Environmental Specifications

Operating	Ambient temperature: 0°C to +40°C Humidity: 0% to 90% RH non-condensing
Transport and Storage	Ambient temperature: -20°C to +60°C Humidity: 0% to 90% RH non condensing

## Standard Compliance

EN 60601-1:2006/A1:2013  
EN 60601-1-2:2015

## Ordering Information and Servicing

MAIN UNIT	ITEM ORDER NO
MTTS Impala Ventilator	VEN-10000
Reusable Circuit - adult	VEN-10030
Single use Circuit - adult	VEN-10040
Single use HME-HEPA filter	VEN-10050
Single use 3 in 1 filter	VEN-10051
Single use swivel straight connector	VEN-10052
Silicon mask - size 3	VEN-10063
Silicon mask - size 4	VEN-10064
Silicon mask - size 5	VEN-10065
Oxygen Hose	VEN-10070
Stand	VEN-10080
Test Lungs	VEN-10090

WARRANTY		
Standard Warranty	1 Year	Subject to MTTs policy



MEDICAL TECHNOLOGY TRANSFER AND SERVICES Co., LTD  
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