

VENTIS™ MEDICAL HEROVENT EMERGENCY AND TRANSPORT VENTILATOR

Revolutionary, compact, & cost-effective ventilator technology.

The Ventis™ Medical HeroVent Emergency and Transport Ventilator empowers first responders to act with confidence and precision during emergencies. This groundbreaking life-saving device features a sleek, intuitive design built to military-grade standards, including the most recommended volume control mode. It is also the first and only ventilator equipped with a full-color interactive display that provides step-by-step video guidance for connecting and testing circuits.

You can trust that the HeroVent is easy to maintain (with non-proprietary circuits) and always ready for action. Moreover, it is engineered to accommodate future upgrades and enhancements seamlessly.

Packed with all the essential mission-critical features, the HeroVent delivers advanced ventilation capabilities that meet the American Heart Association's recommended standards.

The Ventis™ Medical HeroVent Emergency and Transport Ventilator package includes: ventilator, rechargeable battery, A/C Power Supply, Flow Sensor Cable, and Oxygen Enrichment Kit.

Learn more about this and
other Products with a Mission®
at www.NARescue.com



FEATURES/SPECIFICATIONS

- EFFICIENCY:** Settings automatically configured for common emergency situations
- EASE OF USE:** 5 in. touchscreen interface optimized for emergency and transport care
- DESIGN:** Turbine technology compatible with non-proprietary accessories
- PORTABLE:** Reliable and lightweight (~3 lbs/1.5kg), with battery power for transport
- QUALITY CARE:** Invasive & NIV modes with volume and pressure support (FiO₂ and EtCO₂ waveforms available)

- A/C: Assist Control (Volume Control)
- CPAP: Continuous Positive Airway Pressure
- SIMV: Synchronized Intermittent Ventilation (Volume Control)
- NIV: Non-Invasive Ventilation
- PS: Pressure Support
- Custom Preset Modes
- Accurate Control of Volume and Pressure
- Extensive Patient Monitoring
- Full-Color Interactive Display with Step-by-Step Video Guidance
- Operates on Both Rechargeable and Disposable Batteries
- Built to Military-Grade Standards
- Easy to Maintain



Ventis HeroVent® products are restricted to DoW Purchases only. Please contact Customer Service for details.

**Caution: Federal (USA) law restricts this device to sale by or on the order of a practitioner licensed to use or order use of the device or Federal (USA) law prohibits dispensing without a prescription.*



PHYSICAL SPECIFICATIONS

- Dimensions: 8 in. x 6.5 in. x 2.25 in.
- Weight: ~3 lbs. with battery
- Screen Size: 5 in. diagonal
- Ingress Protection: IP 54
- Atmospheric Pressure: 620 - 1060 hPa
- Operating Temperature: -10°C/14°F to 40°C/104°F
- Storage Temperature: -40°C/F to 70°C/158°F
- Operating Time:
 - » Disposable Battery: 6 hours
 - » Rechargeable Battery: 8 hours
- Charging Time:
 - » Off: 3 hours
 - » Ventilating: 5 hours

HEROVENT

ITEM #

10-0086



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VENTIS™ MEDICAL HEROVENT EMERGENCY AND TRANSPORT VENTILATOR

FEATURES/SPECIFICATIONS

ALARMS

- Tidal Volume: 0 to 2000 ML
- FiO_2 : 14 - 100%
- Respiratory Rate (RR): 1 to 40 BPM
- EtCO_2 : 0 to 10 Kpa
- Peak Inspiratory Pressure (PIP): 0 to 90 CmH_2O
- Positive End Expiratory Pressure (PEEP): > 5 CmH_2O
- Apnea: 10 - 60s

CONTROLS

- Tidal Volume: 200 to 2000 ML
- Trigger Sensitivity(Flow): OFF, 1 - 9 LPM
- Respiratory Rate (RR): 0 to 40 BPM
- Inspiratory Time: 0.3 to 5.0 Seconds
- Peak Inspiratory Pressure (PIP): 15 to 90 CmH_2O
- Positive End Expiratory Pressure (PEEP): 0 to 20 CmH_2O

MEASURED AND DISPLAYED

PATIENT PARAMETERS

- Tidal Volume: 0 to 2000 ML
- FiO_2 : 14 - 100%
- Respiratory Rate (RR): 0 to 100 BPM
- EtCO_2 with CO_2 Accessory: 0 to 10 Kpa
- Peak Inspiratory Pressure (PIP): 0 to 90 CmH_2O

VENTILATION MODES

- A/C: Assist Control (Volume Control)
- CPAP: Continuous Positive Airway Pressure
- SIMV: Synchronized Intermittent Ventilation (Volume Control)
- NIV: Non-Invasive Ventilation
- PS: Pressure Support

ENVIRONMENTAL

- MIL-STD 810G Method 516.6 Procedure 4 & 6*
- *Meets ISO 80601-2-12: 2020 Clause:
 - » 201.15.3.5.101.1 Shock and Vibration (Robustness)
 - » 201.15.3.5.101.2 Shock and Vibration for a Transit-Operable Ventilator During Operation



STANDARDS

- IEC 60601 - 1:2005/AMD2:2020
- IEC 60601 - 1:2005/AMD2:2020
Including IEC 62366-1 (2025) + A 1 (2020)
- IEC 60601-1-1-8 (2026) +A2(2020)
- IEC 60601-1-1-8 (2014) +A2(2020)
- ISO 80601 - 2 -12(2023)
- ISO 80601 - 2 - 55(2023)
- ISO 80601 - 2 - 84(2023)
- AAMI Standards: TIR38:2017
- ISO 80601-2-12:2021 including
- ISO 5356-1:2015
- ISO 5367:2014
- ISO 80601-2-55:2018 ISO 80601-2-84:2020
- ANSI/AAMI ES 60601 - 1:2005 + A1:2012 + A2: 2021
- CAN/CSA C22.2 No. 60601 - 1:2008 + A1:2014 + A 2:2022

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