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.

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 (FiO_2 and $EtCO_2$ 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

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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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 + A 1:2012 + A2: 2021
☑	CAN/CSA C22.2 No. 60601 - 1:2008 + A1:2014 + A 2:2022

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