

HAMILTON C-6



ABOUT

The **Hamilton C-6 ventilator** combines cutting-edge technology with unparalleled ease of use, designed to meet the needs of critically ill patients across a range of clinical environments. Its compact design and high-performance capabilities make it ideal for intensive care units, operating rooms, and emergency settings. The C-6 offers intelligent ventilation modes, ensuring optimal support tailored to individual patient needs. Advanced monitoring and alarm systems deliver safety and efficiency to healthcare providers.

FEATURES

- **INTELLiVENT-AS:** Automatically adjusts ventilation based on real-time patient data to optimize oxygenation and CO2 elimination.
- **Compact and Lightweight:** Facilitates easy transport and use in diverse hospital settings.
- **Integrated Blower:** Ensures consistent airflow delivery with precise oxygen concentration.
- **Advanced Monitoring:** Includes waveforms, loops, and trend analysis for comprehensive patient assessment.
- **Customizable Settings:** Allows clinicians to define startup configurations for streamlined operation.
- **Battery Life:** Supports uninterrupted operation during intrahospital transport or power outages.
- **Large Color Touchscreen:** Provides an intuitive interface for accessing and modifying settings.



SPECIFICATIONS



DIMENSIONS

Height: 16.4 in (41.5 cm)
Height(Shelf Mount): 15.6 in (39.4 cm)
Height(Rolling Stand): 55.5 in (140 cm)
Width: 16.7 in (42.3 cm)
Width(Shelf Mount): 14.2 in (36 cm)
Width(Rolling Stand): 22.1 in (56 cm)
Depth: 9.9 in (25 cm)
Depth(Shelf Mount): 10 in (25 cm)
Depth(Rolling Stand): 25.2 in (64 cm)
Weight: 17.2 lbs (7.8 kg)
Weight(Rolling Stand): 176 lbs (80 kg)

POWER AC

Input Voltage: 100–240 V AC
Frequency: 50–60 Hz

BATTERY

Type: Lithium-ion
Runtime: Approximately 2.4 hours with one battery; up to 5 hours with two batteries
Recharge Time: 2.25 hours for one battery, 4.5 hours for two batteries

ENVIRONMENTAL CONDITIONS

Operating Temperature: 50–104°F (10–40°C)
Storage Temperature: -4–140°F (-20–60°C)
Operating Humidity: 15–95% RH, non-condensing

PNEUMATIC SPECIFICATIONS

High-pressure Oxygen Inlet: 2.8 to 6 bar / 41 to 87 psi
Air Supply: Integrated blower
Delivered Flow: Up to 150 L/min with 100% O₂