



The Hamilton G5 is a critical care ventilation system. The Hamilton G5 system offers a wide variety of settings and features that can be tailored to your needs. The Ventilator works for patients ranging from neonates to adults. The Hamilton offers everything from high-flow oxygen therapy, invasive ventilation options, and Adaptive Support Ventilation. The ventilation system is a touchscreen display that can show real-time data on the patient's tidal volume, compliance, resistance, SpO2, and pulse rate.

## Features

- Real-time patient synchronization with IntelliSync+
- P/V Tool Pro for lung assessment and recruitment
- Transpulmonary pressure measurement
- High flow oxygen therapy
- IntelliCuff integrated cuff pressure controller
- Ventilation of adult, pediatrics, and neonates
- Noninvasive Ventilation
- SpO2 Measurement
- Integrated Aerogen Nebulizer
- Capnostat CO2 Monitoring



# Specifications

## Dimensions without Trolley

Height: 17.3 in (44 cm)  
Width: 19.7 in (50 cm)  
Depth: 17.7 in (45 cm)  
Weight: 93 lbs (42 kg)

## Dimensions with Trolley

Height: Min 51.2 in (130 cm)  
Height: Max. 59 in (150 cm)  
Width: 22.8 in (58 cm)  
Depth: 23.6 in (60 cm)  
Weight: 126 lbs (57 kg)

## Temperature

Operating Temperature: 10 to 40°C (50 to 140 °F)  
Storage Temperature: -10 to 60°C (14 to 140°F); -40 to 70°C (-40 to 158°F) for Co2 sensor only  
Operating relative Humidity: 30 to 75%, noncondensing  
Storage Relative Humidity: 5 to 85%, noncondensing; <90%, noncondensing for Co2 sensor only

## Pneumatic Gas Mixing System

Delivered flow: 180 l/min peak flow, 120 l/min continuous flow, 4 to 30 l/min continuous base flow  
Delivered pressure: 0 to 100 cmH2O  
Operating pressure range: 2 to 6 bar (200 to 600 kPa/29 to 86 psi)

## Pneumatic Connectors

Inspiratory limb connector per ISO 5356-1: 22 mm male/15 mm female conical  
Expiratory limb connector (on exhalation valve): ISO 15 mm female/22 mm conical male  
High-pressure gas inlets: DISS (standard) (air CGA 1160-A, oxygen CGA 1240, heliox CGA 1180-A), NIST (optional), or NF (optional)

## Electrical

Input power: 100 to 240 V ac  $\pm$ 10%; 50/60 Hz; 2.7 A maximum (at 100 V), 1.2 A maximum (at 240 V)

