

Avante Verdana MC

ICU Ventilator

The Avante Verdana MC respiratory ventilator is built with patient safety and ease of use in mind. It includes both automatic and manual controls. The Verdana MC can be used for control ventilation, support ventilation, and spontaneous respiration/CPAP. This ventilator is easily transportable, and features an ergonomically designed user interface.

The Avante Verdana MC ventilator is available through Avante Health Solutions. For more information, contact an Avante representative today.

FEATURES

- › Can be used on infants, pediatrics, and adults
- › 12.1-inch color LCD display screen
- › Touch screen interface
- › Backup ventilation to ensure patient safety by preventing suffocation
- › Monitoring functions for respiratory dynamics include pressure-volume loop, volume-flow loop, and pressure-flow loop
- › Physiological and technical alarms



SPECIFICATIONS



Ventilator Weight:
27.6 lbs (12.5 kg)

Trolley Weight:
44.1 lbs (20 kg)



Ventilator Dimensions:
17.9" x 15.7" x 11.8"
(45.5 x 40 x 30 cm)

Trolley Dimensions:
22.2" x 21.1" x 35.8"
(56.5 x 53.5 x 91 cm)



Power:
100-240V,
50/60 Hz



Respiratory Modes:
VCV, PCV, SIMV-VC+ PSV,
SIMV-PC+PSV,
SPONT (CPAP/PSV),
BIPAP, APRV, V

Optional Modes:
PRVC, NIV-PC
NIVCPAP, SIMV-PRVC

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SPECIFICATIONS (cont.)

Tidal Volume

Range:

Adult: 100 - 2500 mL

Pediatric: 50 - 360 mL

Neonatal: 20 - 100 mL

Increment:

10ml, or 5 ml for values between 20-100ml

Breathing System

VBS Compliance: < 4mL/cmH₂O

Recommended Breathing System Compliance: < 50mL/cmH₂O

Recommended Breathing System Resistance:

< 3cmH₂O @ 60L/min

Inspiratory Channel

Flowrate 60L/min:
6cmH₂O maximum

Flowrate 30L/min:
3cmH₂O maximum

Flowrate 5L/min:
1cmH₂O maximum

Inspiratory Resistance:
6cmH₂O at 60L/min

Gas Transportation Flowrate Range:
0~180L/min

Expiratory Channel

Flowrate 60L/min:
< 2cmH₂O maximum

Flowrate 30L/min:
< 1cmH₂O maximum

Flowrate 5L/min:
< 0.5cmH₂O maximum

Expiratory Resistance:
3cmH₂O @ 60L/min

Expiratory Flowrate Measuring Range:
0~180L/min

