



SensorMedics®
3100B HFOV
 Specifications

The SensorMedics 3100B signals the arrival of the next generation of High Frequency Oscillatory Ventilators. Based on the established technology of the Model 3100A ventilator, the 3100B HFOV adds the enhanced performance capabilities necessary for adult ventilation and is approved for the treatment of acute respiratory failure in adults and large children weighing more than 35 kilograms. The 3100B allows the application of continuous distending pressures up to 55 cmH2O to recruit and normalize lung architecture while ventilating the patient with near deadspace tidal volumes for the ultimate in low stretch lung protection.



Controls and Settings

- Bias Flow 0-60 L/min
- Mean Airway Pressure 5-55 cmH2O
- Amplitude (ΔP) > 90 cmH2O
- Frequency 3-15 Hz
- % Inspiratory Time 30-50%

Pressure Measurement

- Range ± 130cmH2O

Displays

- Mean Airway Pressure
- Amplitude (ΔP)
- % Inspiratory Time
- Frequency
- Piston Displacement
- Bias Flow

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Specifications

Alarms

Safety (Dump Valve Open)

Paw > 60 cmH₂O

Paw < 5 cmH₂O

Warnings

High Paw

Low Paw

Caution

Oscillator Overheated

Battery Low

Source Gas Low

Power Failure

Oscillator Stopped

45 Second Alarm Silence

Electrical/Pneumatic

115 VAC, 7.5A, 60 Hz

100 VAC, 7.5A, 50 Hz

220 VAC, 4.0A, 50 Hz

240 VAC, 4.0A, 50 Hz

Inlet from blender (Air/O₂) 40-60 psig (2.8-4.1 bar), 40 L/min (±10%) maximum flow

Cooling Air Inlet 40-60 psig, 10 L/min (±10%) flow

Safety Standards: Designed to UL 544, IEC 601-1, and CSA C22.2 No. 125

Physical

Height..... 53.8 in. (136.7 cm)

Width..... 18.6 in. (47.2 cm)

Depth 11.4 in. (29 cm)

Weight..... 143 lbs. (65 kg)

Specifications subject to change without notice

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