

3100B adult and pediatric high-frequency oscillatory ventilator

Specifications

The 3100B is indicated in the ventilatory management of patients with acute respiratory failure and weighing more than 35 kilograms. The 3100B allows the application of continuous distending pressures to recruit and normalize lung architecture while ventilating the patient with near dead space tidal volumes for the ultimate in low stretch lung protection.



Controls and settings

Bias flow	0 to 60 L/min
Mean airway pressure	5 to 55 cmH ₂ O
Amplitude (Delta-P)	> 90 cmH ₂ O
Frequency	3 to 15 Hz
Percent inspiratory time	30% to 50%

Pressure measurement

Range	± 130 cmH ₂ O
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Displays

Mean airway pressure
Amplitude (Delta-P)
Percent inspiratory time
Frequency
Piston displacement
Bias flow

Alarms


Safety (dump valve open)
Mean airway pressure > 60 cmH ₂ O
Mean airway pressure < 5 cmH ₂ O


Alarms continued on next page

Alarms (continued)
Warnings
High mean airway pressure
Low mean airway pressure
Caution
Oscillator overheated
Battery low
Source gas low
Power failure
Oscillator stopped
45 second alarm silence

Specifications subject to change without notice

 **WARNING**—U.S. Federal Law restricts this device to sale by or on the order of a physician.

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Electrical/pneumatic	
115 VAC, 7.5A, 60 Hz	
100 VAC, 7.5A, 50 Hz	
220 VAC, 4.0A, 50 Hz	
220 VAC, 4.0A, 60 Hz	
240 VAC, 4.0A, 50 Hz	
Leakage current	< 100 µAmp
Inlet from blender (Air/O ₂) 40-60 psig (2.8-4.1 bar), 60 L/min (+/- 10%) maximum flow	
Cooling air inlet 40–60 psig (2.8-4.1 bar), 25 L/min (±10%) flow	
Safety standards: Designed to UL 544, IEC 601-1, and CSA C22.2 No. 125	

Physical	
Height	53.8" (136.7 cm)
Width	18.6" (47.2 cm)
Depth	11.4" (29 cm)
Weight	143 lbs (65 kg)

