



The **Bear Cub 750 PSV** is an infant ventilator that can accommodate patients that weigh from 1 pound (500 grams) to 66 pounds (30 kg). The Bear Cub was designed to support critical care of neonatal and pediatric patients with compromised lung function. The System offers integrated synchronized ventilation along with pressure, flow, and volume monitoring. The Bear Cub offers three different ventilation modes from assisted control, SIMV/IMV, and CPAP.

Features

- Pneumatic Ventilator
- Gas Inlet Conditioning
- Accurate blending of gases in the O2 blender
- Flow Control Valve
- Auxiliary Gas Outlet
- Pressure Control System
- Flow Sensor



Specifications

Ventilator Dimensions

Height: 11 in
Width: 13.5 in
Depth: 10 in

Compressor Dimensions

Height: 36 in
Width: 22 in
Depth: 21.5 in
Weight: 110 lbs

Environmental

Temperature
Storage and Shipping -40 to 158 °F (-40 to 70 °C)
Checkout and Operating 50 to 104 °F (10 to 40 °C)
Altitude
Checkout, Operating, Transport and Storage 0 to 9,000 feet (14.7 to 10.5 PSIA/760 to 543 mm Hg)
Humidity
Storage and Shipping 0 to 99% Relative Humidity — Non-condensing
Checkout and Operating 0 to 95% Relative Humidity — Non-condensing

Monitors

Breath Rate: 0 to 255 bpm
Patient Initiated Indicator: LED
Minute Volume: 0 to 30.0 L/min
Tidal Volume: 0 to 500 ml (Inspired and Expired)
%Tube Leak 0 to 100%
Inspiratory Time: 0.1 to 3.10 sec
Expiratory Time: 0 to 99.9 sec
I:E Ratio: 9.1 to 1:9.9
Peak Inspiratory Pressure: 0 to 99 cmH2O
Mean Airway Pressure: 0 to 75.0 cmH2O
PEEP: 0 to 30.0 cmH2O
Air Pressure: 0 to 100 psig
O2 Pressure: 0 to 100 psig
Proximal Airway Pressure: 10 to 100 cmH2O (Gauge)
Hourmeter: 0 to 99,999 hours
Test: Push button