



## BIPAP® VISION® VENTILATORY SUPPORT SYSTEM

### THE RIGHT VENTILATOR

The BiPAP® Vision® Ventilatory Support System is designed specifically for noninvasive ventilation in the acute care setting. For patients with respiratory insufficiency or failure, the BiPAP Vision System makes the use and management of noninvasive ventilation easier and increases the likelihood of successful outcomes. The BiPAP Vision Ventilator has several features not found on other noninvasive ventilators: a large, easy-to-use graphic interface, a waveform display, a patient parameter display, advanced alarms and oxygen blending.

### A BETTER WAY TO VIEW YOUR PATIENTS

Setup and adjustment are easier and faster due to an integrated display screen and a combination of soft keys and a control knob. The display features a waveform or bar graph presentation of pressure, volume and flow information,

as well as settings, patient information and alarm notification. Navigation through the few screens needed for operation couldn't be easier.

### VISUALIZE BREATHING

The display of waveform information allows you to optimize settings and respond to patient changes with just a glance at the screen. The display is easy to scale and has a freeze/unfreeze feature to allow you to get the most out of the information.

### PATIENT PARAMETERS

Patient parameters provide detailed information about your patient's status. Volumes are automatically corrected for leaks and allow you to track changes on a breath-to-breath basis. The Patient Leak information helps you to assure proper interface fit, and the Percent of Patient Triggered Breaths and Ti/Ttot are useful in assessing your patient's ability to breathe on his or her own.

### ADVANCED ALARMS

Advanced alarms help inform you of important changes in your patient's status. In addition to the basic alarms, a Low Minute Ventilation Alarm, High and Low Rate Alarms and an Apnea Alarm help assure notification when a change occurs.

### OXYGEN DELIVERY SYSTEM

The unique oxygen delivery system delivers up to 100% oxygen to patients who require it. In systems lacking this feature, anything more than 50% is difficult to deliver. The BiPAP Vision System allows you to manage sicker patients and helps to avoid intubation in a wider range of patients.

### AUTO-TRAK™ SENSITIVITY

Digital Auto-Trak Sensitivity assures optimum triggering and cycling sensitivity despite changing breathing patterns and leaks. This eliminates the need for constant adjustment and helps to assure patient-ventilator synchrony.

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## Product Specifications

Controls	Setting Range
IPAP	4 to 40 cm H <sub>2</sub> O
EPAP	4 to 20 cm H <sub>2</sub> O
CPAP	4 to 20 cm H <sub>2</sub> O
Rate	4 to 40 BPM
Timed Inspiration	0.5 to 3.0 sec
IPAP Rise Time	0.05 to 0.40 sec
Oxygen Concentration	21 to 100%

Display	Display Range
IPAP	0 to 50 cm H <sub>2</sub> O
EPAP	0 to 50 cm H <sub>2</sub> O
CPAP	0 to 50 cm H <sub>2</sub> O
Rate	0 to 150 BPM
Exhaled Estimated Tidal Volume (V <sub>T</sub> )	0 to 4000 ml
Minute Ventilation (MinVent)	0 to 99 L/min
Total Leak (Tot Leak)	0 to 300 L/min
Patient Leak (Pt. Leak)	0 to 300 L/min
Peak Inspiratory Pressure (PIP)	0 to 50 cm H <sub>2</sub> O
Percent of Patient Triggered Breaths (Pt. Trig)	0 to 100%
Ti/Ttot	0 to 100%

Alarms	
High Pressure	0 to 50 cm H <sub>2</sub> O
Low Pressure	Disabled, 1 to 40 cm H <sub>2</sub> O
Low Pressure Delay	0 to 60 sec
Apnea	Disabled, 20 to 40 sec
Low Minute Ventilation	Disabled, 1 to 99 L/min
High Rate	4 to 120 BPM
Low Rate	4 to 120 BPM

Accuracy	
Pressure	±1 cm H <sub>2</sub> O
Volume	±25 ml + 10% of display
Flow Rate	±5 ml + 8% of display



*The BiPAP Vision is just one of the tools we've developed to help make NIV an important element of your acute care ventilation plan.*

Pressure	
Dynamic Regulation	±2 cm H <sub>2</sub> O at sinusoidal flow at ±100 L/min

Oxygen Delivery	
Input Pressure Range	50 to 100 psig
Inlet Fitting	DISS Male Oxygen Connector
Oxygen Concentration	Greater of ±3% FIO <sub>2</sub> or ±10% of setting at 500 ml V <sub>T</sub>

Environmental	
Temperature	Operating: 40°F to 104°F (4.4°C to 140°C)
Transport/Storage	-10°F to 140°F (-23°C to 60°C)
Humidity	Storage and Operating: 0 to 95% Relative Humidity Non-condensing

Physical	
Dimensions	At the base: 16"(L) x 14 <sup>3</sup> / <sub>8</sub> "(W) x 10 <sup>5</sup> / <sub>8</sub> "(H), (40.6 cm x 36.5 cm x 27 cm)
Weight	34 lbs (15.4 kg)

Electrical	
AC Voltage	100, 120, 230 or 240 V
AC Frequency	50/60 Hz
AC Current	3.0A maximum

## RESPIRONICS®

Customer Service: 1-800-345-6443 or 724-387-4000

Respironics EAME: +33-1-47-52-30-00

Respironics Asia Pacific: +852-3194-2280

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CAUTION: U.S. federal law restricts this device to sale by or on the order of a physician.

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