

## IMPACT® Uni-Vent® 731 Series Model EMV+ SPECIFICATIONS

<b>OPERATING MODES:</b>	AC – with Volume and Pressure Targets SIMV – Volume and Pressure Targets with/without Pressure Support CPAP - with/without Pressure Support
<b>DELIVERABLE GAS(ES):</b>	Air (Internal Compressor); Oxygen (external 55-psig (-25%, +20%)) Low pressure, low flow available with optional O <sub>2</sub> reservoir
<b>TIDAL VOLUME RANGE:</b>	50 to 1500 ml ATPD
<b>I:E RATIO:</b>	Adjustable, 1:1 to 1:99
<b>TRIGGER SENSITIVITY:</b>	Default, -0.5 to -6.0 cm H <sub>2</sub> O below baseline/PEEP
<b>FLOW RATE:</b>	0 to 100 LPM @ 40 cm H <sub>2</sub> O
<b>VENTILATION RATE:</b>	Adjustable, 1 to 60 breaths per minute
<b>INSPIRATION TIME:</b>	Adjustable, 0.3 to 3.0 seconds
<b>FIO<sub>2</sub>:</b>	Adjustable, 21% to 100% (Internal blender)
<b>LOW AIRWAY PRESSURE ALARM:</b>	Adjustable, 3 to 35 cm H <sub>2</sub> O
<b>HIGH AIRWAY PRESSURE ALARM:</b>	Adjustable, 20 to 100 cm H <sub>2</sub> O
<b>PEEP:</b>	Adjustable, OFF, 0 to 25 cm H <sub>2</sub> O
<b>PEAK INSPIRATORY PRESSURE:</b>	Adjustable, 10 to 60 cm H <sub>2</sub> O; 80 with confirmation by operator
<b>AIRWAY PRESSURE BAR GRAPH:</b>	-10 to 100 cm H <sub>2</sub> O
<b>MANUAL BREATH/TRIGGER:</b>	Yes
<b>ALTITUDE COMPENSATION:</b>	Yes to 25,000'
<b>INTERNAL BACKUP VENTILATOR:</b>	Yes
<b>USB COMMUNICATIONS PORT:</b>	Yes
<b>LIQUID CRYSTAL DISPLAY:</b>	Control settings, Operating Conditions, Menu and Instructions, Pressure Measurement Data, Pulse Oximetry and Heart Rate Data, Power and Alarm Status Information, Pop Up messages for Operator Confirmation/ Guidance
<b>LED INDICATORS:</b>	Alarms
<b>ALARM VOLUME:</b>	82 dBA @ 1 meter
<b>NOISE LEVEL:</b>	-60 dBA when measured @ 1 yard (operating at default settings using compressor only)
<b>OPERATING VOLTAGES:</b>	100 to 240 VAC; 11 to 33 VDC; 50 – 60, 400 Hz.
<b>EMI/RFI CERTIFIED:</b>	Yes, includes aeromedical
<b><u>OPERATING TIME:</u></b>	
<b>INTERNAL BATTERY:</b>	10 hours at default settings
<b>EXTERNAL AC:</b>	Continuous
<b>EXTERNAL DC:</b>	Continuous
<b><u>TEMPERATURE RANGES:</u></b>	
<b>OPERATING:</b>	-25° C to 75° C (-13° F to 167° F) battery or AC power operation
<b>BATTERY CHARGING:</b>	0° C to 45° C (32° F to 113° F)
<b>LONG TERM STORAGE:</b>	-15° C to 21° C (5° F to 71° F)
<b><u>SIZE:</u></b>	
Ventilator:	8.0" W x 12.5" H x 4.5" D (20.3 cm W x 31.7 cm H x 11.4 cm D)
<b><u>WEIGHT:</u></b>	
Ventilator:	9.5 lbs (4.3 Kg)
AC Power Supply:	1.2 lbs (0.54 Kg); with line cord attached: 1.55 lbs (0.70 Kg)
<b>WARRANTY:</b>	Limited, 1-year (see LIMITED WARRANTY statement)