

IMPACT® Uni-Vent® 731 Series Model *Eagle II*™ SPECIFICATIONS:

OPERATING MODES:	AC – with Volume and Pressure Targets SIMV – Volume and Pressure Targets with/without Pressure Support CPAP - with/without Pressure Support
DELIVERABLE GAS(ES):	Air (Internal Compressor); Oxygen (external 55-psig (-25%, +20%)) Low pressure, low flow available with optional O ₂ reservoir
TIDAL VOLUME RANGE:	50 to 1500 ml ATPD
I:E RATIO:	Adjustable, 1:1 to 1:99
TRIGGER SENSITIVITY:	Default, -0.5 to -6.0 cm H ₂ O below baseline/PEEP
FLOW RATE:	0 to 100 LPM @ 40 cm H ₂ O
VENTILATION RATE:	Adjustable, 1 to 60 breaths per minute
INSPIRATION TIME:	Adjustable, 0.3 to 3.0 seconds
FIO₂:	Adjustable, 21% to 100% (Internal blender)
LOW AIRWAY PRESSURE ALARM:	Adjustable, 3 to 35 cm H ₂ O
HIGH AIRWAY PRESSURE ALARM:	Adjustable, 20 to 100 cm H ₂ O
PEEP:	Adjustable, OFF, 0 to 25 cm H ₂ O
PEAK INSPIRATORY PRESSURE:	Adjustable, 10 to 60 cm H ₂ O; 80 with confirmation by operator
AIRWAY PRESSURE BAR GRAPH:	-10 to 100 cm H ₂ O
MANUAL BREATH/TRIGGER:	Yes
ALTITUDE COMPENSATION:	Yes to 25,000'
INTERNAL BACKUP VENTILATOR:	Yes
USB COMMUNICATIONS PORT:	Yes
LIQUID CRYSTAL DISPLAY:	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
LED INDICATORS:	Alarms
ALARM VOLUME:	82 dBA @ 1 meter
NOISE LEVEL:	-60 dBA when measured @ 1 yard (operating at default settings using compressor only)
OPERATING VOLTAGES:	100 to 240 VAC; 11 to 33 VDC; 50 – 60, 400 Hz.
EMI/RFI CERTIFIED:	Yes, includes aeromedical
<u>OPERATING TIME:</u>	
INTERNAL BATTERY:	10 hours at default settings
EXTERNAL AC:	Continuous
EXTERNAL DC:	Continuous
<u>TEMPERATURE RANGES:</u>	
OPERATING:	-25° C to 75° C (-13° F to 167° F) battery or AC power operation
BATTERY CHARGING:	0° C to 45° C (32° F to 113° F)
LONG TERM STORAGE:	-15° C to 21° C (5° F to 71° F)
<u>SIZE:</u>	
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)
<u>WEIGHT:</u>	
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)
WARRANTY:	Limited, 1-year (see LIMITED WARRANTY statement)