



The Impact Univent Eagle 754 is completely self-contained and requires no outside gas. Featuring an internal compressor and blender, it offers PEEP with controlled assist, SIMV, Intubated CPAP, and CMV (for apnea backup) ventilation modes. Bright graphic LCD provides monitoring and alarm settings. An interactive demo/teaching mode assures fast start up sequence in as little as three steps. EMI/RFI and Air Medical certified. Limited availability. Unlike anything you have ever seen before, the Eagle is an engineering marvel that adds to the Uni-Vent list of accomplishments. Imagine a self-contained ventilator-compressor-blender weighing just over 12-pounds, with graphics display, powerful monitors and alarms, an interactive demo/teaching mode, and fast startup sequence that allows you to begin operation in as few as 3-steps.

## Features

- Compact and Light weight
- Operating Modes: ACV, SIMV, CPA and CMV



# Specifications

## Operating Modes

ACV – with/without PEEP, SIGH, and PRESSURE PLATEAU

SIMV - with/without PEEP SIGH and PRESSURE PLATEAU

CPAP – with/without PEEP

CMV – for Apnea backup of ACV, SIMV and CPAP

## General

Deliverable Gas(es) Air (Internal Compressor, External 50-PSI); Oxygen (External 50-PSI)

Tidal Volume Range 0 to 3000 mL

I:E Ratio 1:1 Preset, Adjustable 1:1 to 1:599

Sensitivity Default, 1.5 to 2.0 cmH<sub>2</sub>O; Adjustable, 1.0 to 6.0 cmH<sub>2</sub>O

Flow Rate Adjustable, 0 to approximately 60 LPM (0 to approximately 1000 ml/sec)

Ventilation Rate Adjustable, 1 to 150 bpm, in 1bpm increments ( $\pm 1$  digit on the display panel)

Inspiration Time Adjustable, 0.1 to 3 sec, in 0.1 sec increments ( $\pm 1$  digit on the display panel); 1:2 I:E RATION preset

FiO<sub>2</sub> Adjustable, 21% to 100% (Internal Air/Oxygen Mixer), resolution in 1% increments, accurate to within  $\pm 10\%$

Low Pressure Alarm Adjustable, 0 to 50 cmH<sub>2</sub>O, in 1 cmH<sub>2</sub>O increments ( $\pm 1$  digit on the display panel)

High Pressure Alarm Adjustable, 15 to 100 cmH<sub>2</sub>O, in 1 cmH<sub>2</sub>O increments ( $\pm 1$  digit on the display panel)

Peek Inspiratory Pressure Relief Adjustable, 15 to 100 cmH<sub>2</sub>O, in 1 cmH<sub>2</sub>O increments ( $\pm 1$  digit on the display panel)

Pressure Plateau Range, 5 to 90 cmH<sub>2</sub>O (referenced to HIGH PRESSURE ALARM set-point)

Assist/SIMV Sensitivity Default, 1.5 to 2.0cmH<sub>2</sub>O bellow end pressure

PEEP Program range 1 to 20 cmH<sub>2</sub>O, in 1 cmH<sub>2</sub>O increments ( $\pm 1$  digit on the display panel)

Sigh Occurs once every 100-ventilations or 7-minutes, whichever occurs first. Sigh duration = 150% V<sub>t</sub> (truncated to a combined maximum of 3 seconds)

Liquid Crystal Display External Air, Sigh, PEEP, Pressure Plateau, High-Pressure Alarm Setting, Low-Pressure Alarm Setting, Ventilation Rate, Inspiration time/I:E Ratio, Tidal Volume, Air/Oxygen Mixer, Mode, Inspiration/Exhalation, Power, Pear Airway Pressure, Mean Airway Pressure, Digital Bar Graph, High/Low, Airway Pressure Alarm Setpoint Indicators, Paw.

LED Indicators Charge/Alarm/System Failure

LED Digital Bar Graph Range -10 to 100 cmH<sub>2</sub>O

LCD Alarm Display Battery Low, External Power Low, Low Pressure, O<sub>2</sub> Low/Fail, Disconnect, High Pressure, Apnea, V<sub>t</sub>, High PEEP, Ext Air Low/Fail, FIO<sub>2</sub>, Inverse I/E, Comp, Pressure Alarm Settings, Transducer Calibration, Transducer Calibration Abort, System Failure, Ventilator Fail, Inspiration Time Truncated to 3-seconds, Plateau Volume, Preventative Maintenance Due, V<sub>t</sub> Settings, Extended Non-Use/ Storage, External Power Failure