

# pNeutron mini

## Pneumatic Infant Transport Ventilation

### Compatibility with Bunnell Life Pulse High-Frequency Ventilator

The pNeutron Mini Ventilator is fully compatible with the Life Pulse High-Frequency Ventilator from Bunnell Incorporated. It will provide conventional ventilation in tandem with the Life Pulse without interfering with high frequency ventilation or nuisance alarms.



Testing of the Mini Ventilator and the Life Pulse HFV was done by Bunnell personnel at their facility. The Bunnell Life Pulse HFV was connected in tandem with the Mini ventilator to a test lung. Their results were as follows:

- The Life Pulse was first set for PIP 20 cm H<sub>2</sub>O, Rate 420 bpm, I-time 0.020 sec. There was no noticeable difference in performance of either ventilator. The alarms on the Mini continued to function appropriately.
- The Mini ventilator was run in both CPAP and IMV + CPAP at a variety of rates, pressures and I-times. The Mini continued to deliver its basic functions with no impact on the functionality of the Life Pulse.
- With the Life Pulse alarms active (Ready), changing the rate and PIP on the Mini significantly always caused the Life Pulse to alarm appropriately for changes in Servo pressure and MAP.

#### Conclusion:

The Airon pNeutron Mini Transport Ventilator meets the basic conventional ventilator requirements of the Life Pulse HFV. This evaluation does not constitute a validation or endorsement by Bunnell Incorporated.



**Airon**

Airon Corporation  
751 North Drive, Unit 6 Melbourne, Florida 32934 USA  
telephone 888-448-1238 (USA toll free) +1-321-821-9433 fax +1-321-821-9443  
CD-I-042 Rev A