



# PERCUSSIONAIRE® CORPORATION

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## VDR Initial Starting Guidelines

These starting guidelines are to be used as a reference and were developed by an independent group of clinicians by clinical consensus.

### Adult Patient

|                                                                                             |                                                                                                                         |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Operating Pressure (psi)</b>                                                             | 40-42                                                                                                                   |
| <b>High Amplitude (pulsatile Flowrate (cmH<sub>2</sub>O) (set on digital meter)</b>         | AIP 28-32 (Max 40-46) Alternately, adjust pulsatile flowrate to match mean airway pressure (MAP) on current ventilator. |
| <b>Convective Rate (bpm) (set w/ I&amp;E time below)</b>                                    | 15                                                                                                                      |
| <b>I time (sec)</b>                                                                         | 2.0                                                                                                                     |
| <b>E time (sec)</b>                                                                         | 2.0                                                                                                                     |
| <b>Oscillatory CPAP/PEEP (cmH<sub>2</sub>O) (set on digital meter)</b>                      | AEP 10-12 (max 14-18)                                                                                                   |
| <b>NOTE: When Demand CPAP/PEEP is on, it combines both Demand and OCPAP for total peep.</b> |                                                                                                                         |
| <b>Demand CPAP/PEEP (cmH<sub>2</sub>O)</b>                                                  | 0 (5-8 when needed)                                                                                                     |
| <b>Convective Pressure Rise (CPR) (cmH<sub>2</sub>O) (set on digital meter)</b>             | Start with 3-5 higher than AIP, maximum of 8-10                                                                         |
| <b>Pulse Frequency Rate (cycles)</b>                                                        | 500 (400-700) adjust in increments of 50 cycles                                                                         |
| <b>FiO<sub>2</sub> (%)</b>                                                                  | Per Dr. orders                                                                                                          |