



Sure Vent²®

Sure Vent 2™ Guidelines for Use

PLEASE NOTE: These guidelines for use are NOT be used as a training manual. Please contact us for full, detailed instructions or refer to the Sure Vent 2™ Operations Guide.

- 1. Connect oxygen tubing** to the SV2™ with the DISS or barb fitting and then to the oxygen source.
- 2. Set an initial flow meter** rate of 15LPM.
- 3. Verify Peak Inspiratory Pressure (PIP)** is 25cmH₂O or adjust the Pressure Control knob to achieve desired PIP. Note: Indicated pressure on the Pressure Control Knob is approximately ± 10% and may vary depending upon climatic conditions. Verify pressure settings with a manometer. **PEEP** is intrinsic to the SV2™ at 25% or 1/4 of PIP.
- 4. Connect Patient to the SV2™.** Effective ventilation with the SV2™ is best when used in conjunction with an endotracheal tube and the use of an ETCO₂ monitoring device. When using the SV2™ with a mask, ensure the mouth and airway are clear of visible foreign bodies and position the patients head to ensure the correct position of the airway. Position the mask using accepted techniques and adjuncts to maintain a clear airway. When using an **LMA** the **PIP** should be restricted to a maximum of 20cmH₂O.
- 5. Adjust the Rate Control** Knob for desired respiratory rate. The SV2™ is factory pre-set at 12-14 BPM. Calculate the rate manually by counting off 1-1000, 2-1000, etc. or with a timer. **Observe** chest rise and fall corresponding to patient's inhalation and exhalation. Listen to chest sounds as well as expiratory flow from the modulator.

PAP (positive airway pressure) mode for spontaneous breathing patients may be set by adjusting the Rate Control knob clockwise until automatic cycling stops and the desired airway pressure is attained (10cmH₂O unless otherwise directed). The patient will then trigger a cycle with each breath. **Note: A minimum flow rate of 15 LPM is required.** To return to automatic cycling, turn Rate Control Knob counter clockwise until automatic cycling resumes and desired respiratory rate is attained.

If the patient vomits disconnect the patient Safety T from the SV2™ control modulator. Clear any vomitus from the modulator and Safety T by tapping to dislodge large particles. Clear the mask. Clear patient's airway and reconnect.

This procedure can be accomplished in less than 20 seconds. Check rate and pressure and adjust if necessary. Verify inhalation and exhalation occurs without obstruction.

IMPORTANT: Changes in a patient's lung compliance will result in respiratory rate changes. Make appropriate adjustments of rate and pressure as necessary.



Monitoring of patient is required at all times. Patient must not be left unattended. Do not use as an unattended automatic ventilator. The use of alarms (optional) enhances monitoring capability.