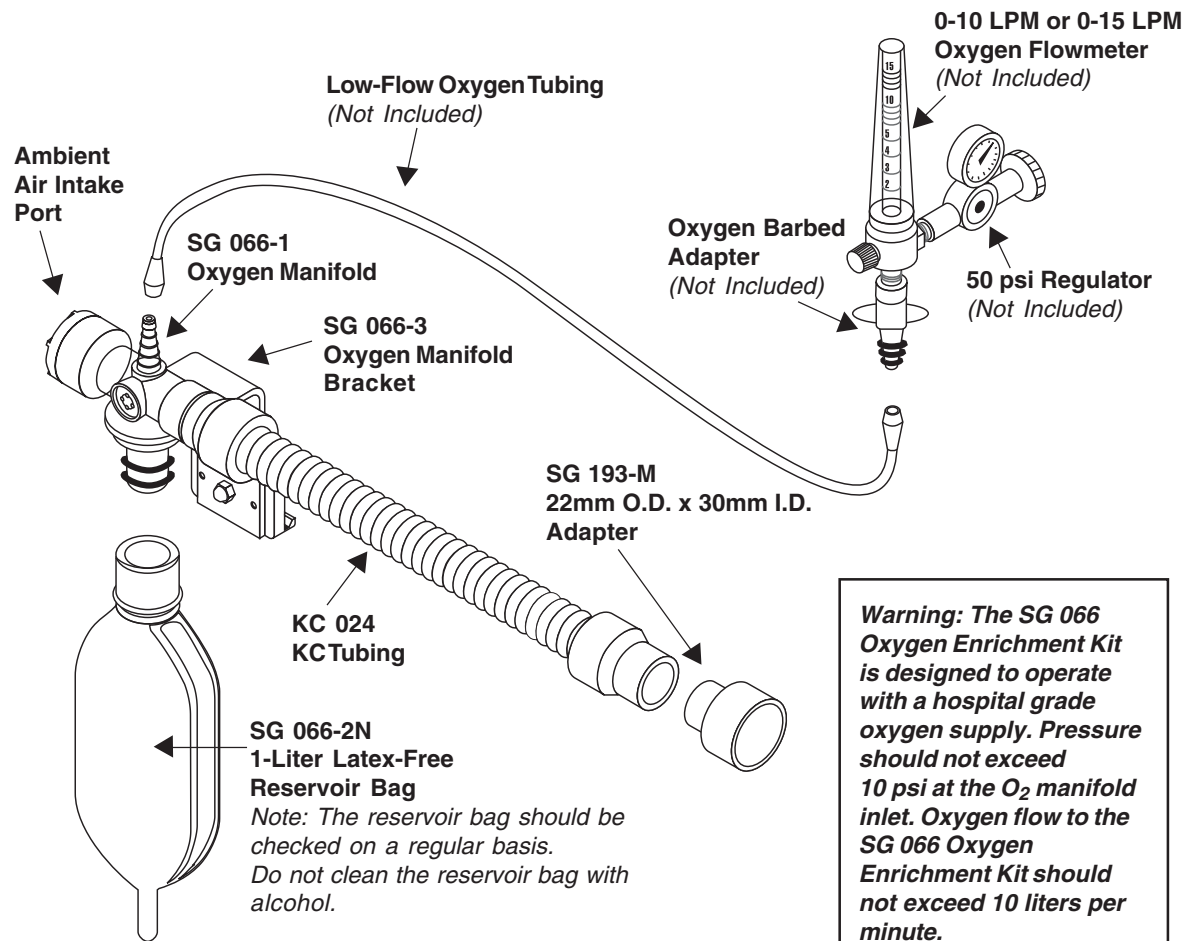


## A SG 066 O<sub>2</sub> Enrichment Kit Directions for Set-Up and Operation



### Directions for Set-up:

- Slide the **SG 066 Oxygen Enrichment Kit** onto the mounting rail using the **Oxygen Manifold Bracket**. Ensure that the intake port is facing toward the front of the ventilator.

**Caution:** Ensure that the intake port is correctly located, so that it may not be accidentally blocked.

- Connect the **22mm O.D. x 30mm I.D. Adapter** to the inlet filter.
- Connect the **Low-Flow Oxygen Tubing** from a medical grade, pressure compensated oxygen flowmeter to the oxygen inlet at the top of the oxygen manifold.

**Warning:** Never operate the SG 066 Oxygen Enrichment Kit without securing it to a ventilator.

## B SG 066 O<sub>2</sub> Enrichment Kit Directions for Operation

*A physician must determine if there is a need for supplemental oxygen.*

*The SG 066 Oxygen Enrichment Kit can deliver up to 100% oxygen concentration at the proximal airway.*

- Determine the Minute Volume using the following formula:

$$\dot{V}_e = (\text{BPM})(V_t)$$

$\dot{V}_e$  = Minute Volume in liters/minute

$V_t$  = Tidal Volume BPM = Breaths Per Minute

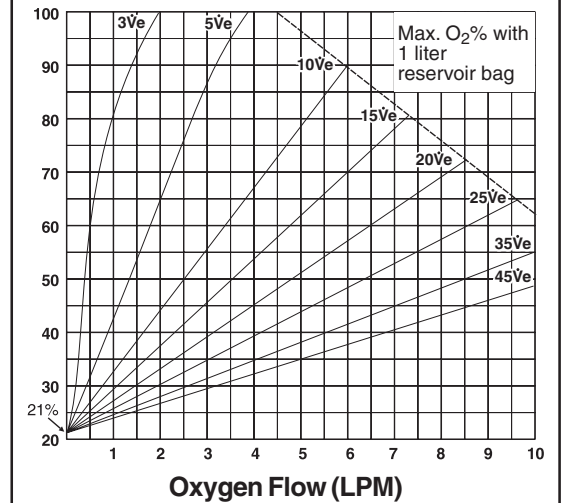
- Determine the inspiratory:expiratory (I:E) ratio (1:1 or 1:2).
- After determining the I:E ratio, use the tables in panel C to:
  - Locate the percentage of oxygen required on the Y-axis.
  - Locate the predetermined minute volume on the diagram.
  - Determine the flow rate of oxygen needed to achieve the desired oxygen concentration by locating the point on the X-axis directly below the established intersection.
- Analyze the delivered oxygen concentration for accuracy.

**Note:** During normal operation of the **SG 066 Oxygen Enrichment Kit**, the reservoir bag will partially collapse with each cycle. This is due to the method at which the oxygen is blended with the room air.

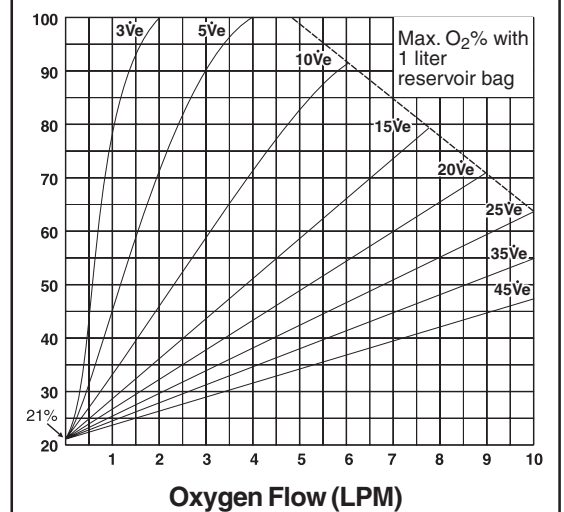
## C Inspiratory:Expiratory (I:E) Ratio Tables

The tables below are not applicable if an oxygen concentrator is in use.

### 1:1 I:E Ratio



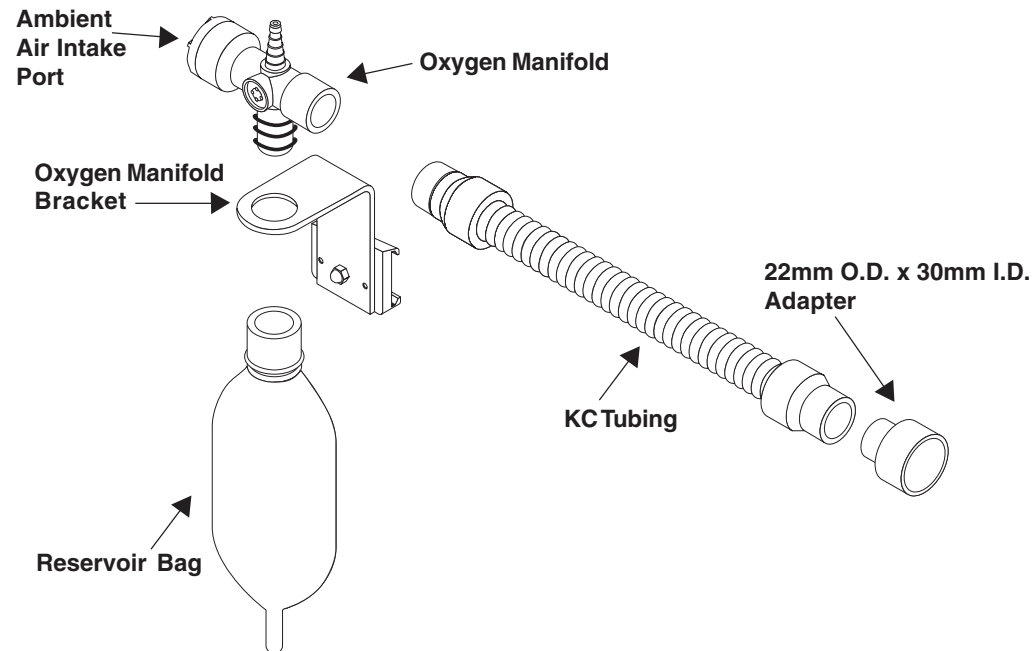
### 1:2 I:E Ratio



## D Cleaning Recommendations

**Reservoir bag is single-patient use only. Do not clean reservoir bag with alcohol.**

1. Disassemble the SG 066 Oxygen Enrichment Kit as illustrated



2. Wash the manifold, the KC tubing, and the 22mm O.D. x 30mm I.D. adapter in warm soapy water. If necessary, use soft, long-bristle bottle brushes to remove all foreign matter.

**Caution: Do not attempt to clean the interior of the oxygen reservoir bag; if using brushes, be sure not to damage the ambient air inlet valve on the oxygen manifold.**

3. Rinse the cleaned parts with water, making certain all soap residue is removed.
4. Disinfect the manifold, the KC tubing, and the 22mm O.D. x 30mm I.D. adapter using one of the following methods:
  - a. Soak for 30 minutes in a solution of one part white vinegar to three parts water.  
**Rinse thoroughly.**
  - b. Soak in an approved chemical disinfectant, following the manufacturer's instructions.  
**Rinse thoroughly.**
5. Shake excess moisture from all parts and place on a clean towel to air dry. **Do not wipe dry with a towel; do not use a blow dryer.** All parts must be completely dry before attaching to the ventilator.

**Caution:** Federal Law Restricts this device to sale by or on the order of a physician.

## E Product Specifications

	Model #	SG 066
	Type	Reusable Oxygen Enrichment Kit (Bag is single-patient use only)
	Bag Volume	1-Liter
Materials	Polysulfone Silicone Rubber Anodized Aluminum Neoprene Bag	

### Replacement Parts

	Model #	SG 066-2N
	Type	Disposable (Single Patient) Breathing Bag
	Volume	1-Liter
Materials	Latex-Free Neoprene	
	Model #	KC 024
	Type	Reusable KC Tubing
	Length	24"
	Model #	SG 066-1
	Type	Reusable Oxygen Manifold
	Materials	Polysulfone Silicone Rubber
	Model #	SG 193-M
	Type	Reusable Adapter
	Size	22mm O.D. x 30mm I.D.
Materials	Polysulfone	
	Model #	SG 066-3
	Type	Reusable Oxygen Manifold Bracket
	Materials	Anodized Aluminum

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## Directions for Use

# Oxygen Enrichment Kit SG 066

