



System Includes:

1. Fixed Flow Generator with Filter
2. 72" Corrugated Anti-Asphyxia Circuit
3. O2-CPAP™ Valve
4. Mask with Head Strap

CAUTIONS:

Federal Law (USA) restricts this device to sale by or on the order of a licensed physician.

Single Patient Use Only. Do not sterilize or immerse the O2-RESQ System or any of its components in any solution. Dispose of O2-RESQ System according to local established protocols when finished with use.



Single Patient Use

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Made in USA

Pulmodyne's O2-RESQ System delivers continuous positive airway pressure (CPAP) throughout the breathing cycle. It provides CPAP at preset levels throughout inspiration and exhalation, independent of the patient's flow rate.

O2-RESQ System is intended for use on spontaneously breathing patients, there is no assembly required. **SINGLE PATIENT USE ONLY.**

INDICATIONS FOR USE:

To provide CPAP to spontaneously breathing adult (>30kg) patients in the hospital and pre-hospital (EMS) environment.

CONTRAINDICATIONS:

May be contraindicated for patients with any of these conditions:

- Facial lacerations
- Laryngeal trauma
- Recent tracheal or esophageal anastomosis
- Gastrointestinal bleeding or ileus
- Recent gastric surgery
- Basilar skull fracture
- Patients at high risk of vomiting
- Emphysematous Bulla - when an area of the lung may be brittle and present a risk of bursting
- Hypovolaemia - low blood volume

Operating Specifications: 5°C to 40°C at humidity range of 15% to 95%

Storage Specifications: -20°C to 60°C at relative humidity up to 95% non-condensing

HOW IT WORKS:

O2-RESQ Generator is a fixed flow venturi device that uses an oxygen supply in conjunction with entrained air to generate an output flow. O2-RESQ Generator uses a 50psi oxygen supply, and can generate flows up to 140 lpm and fractional inspired oxygen (FiO₂) at approximately 30%. The preset O2-CPAP valves, which are snapped onto the anti-asphyxia housing end of the circuit, are used to maintain preset positive pressure at flow rates from 60 to 140 lpm.

OPERATING THE SYSTEM:

- Connect directly to a 50psi gas source or to a Flowmeter capable of delivering a minimum of 15 lpm. For maximum generator flow, open the Flowmeter valve completely. Listen for leaks.
- Prior to use, check to be sure the device is free of obstructions and verify proper valve function
- Place mask over patients face. Utilize the head strap to secure the mask firmly in place

WARNING:

- Do not connect any gas supply other than oxygen to the O2-RESQ System
- Watch the preset O2-CPAP valve to ensure that it remains open during inspiration
- Monitor with any in-line pressure gauge or manometer with a range of 0-30cm H₂O per local established protocol. If the pressure drops significantly during patient inspiration then the flow is too low, increase the flow rate to the patient.
- For use only by thoroughly trained personnel
- Do not use O2-CPAP valve if it becomes occluded. An occluded O2-CPAP valve may obstruct patient's exhalation and result in potential injury. If this occurs, discard entire system or remove the occluded O2-CPAP valve from the system and replace with another O2-CPAP valve.
- The circuit has an anti-asphyxia valve which prevents exhalation into the tubing in the event of no fresh gas flow. If the fresh gas flow fails, the anti-asphyxia valve in the circuit will minimize the risk of asphyxia when there is no oxygen pressure. When there is not oxygen flow from the generator, the mask should not be worn.

MONITORING THE PATIENT:

During operation, be sure to check the following on a regular basis:

- Ensure that there are no leaks at the patient connection
- Ensure that there is flow from the preset O2-CPAP valve during inspiration (which means that the generator is supplying adequate flow to meet patient demand). Optionally, monitor the in-line pressure gauge or manometer during inspiration. If the pressure drops then the flow is inadequate
- Monitor the patient's arterial blood oxygen saturation (SaO₂)
- Monitor the patient for signs of dehydration and discomfort in the upper airways
- Monitor the patient's delivered FiO₂

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