



## O<sub>2</sub> CORPORATION NEBULIZER KIT INSTRUCTION SHEET

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### GENERAL

Our Nebulizer Kit is a device that is used to provide the user with humidified oxygen. The advantage of humidified oxygen is to prevent the drying of the nose and sinus membranes, providing a higher quality of comfort for the user. Each kit offers eleven different flow rates to meet each users particular need. **CAUTION:** Using a Nebulizer Kit with an aircraft's oxygen system will consume the oxygen supply, precautionary measures should be considered to assure an adequate supply is available for emergency use.

### INSTRUCTIONS FOR USE

1. Insert the coupling (#4a), located at the end of the hose assembly (#4), into the oxygen outlet. If the coupling is a bayonet-style type, push in and turn clockwise until locked into place.

**NOTE:** Oxygen outlet must supply a minimum flow of 7.5 LPM.

2. Remove bottle (#2a) by unscrewing it from the lid (#2b).
3. Fill the bottle (#2a) with clean tap water so that the water level is between the "MINIMUM" and "MAXIMUM" marks.
4. Replace by threading the bottle (#2a) back onto the lid (#2b).
5. Adjust the flow on the Regulator, located on the top of the Humidifier, to the appropriate flow setting (liters per minute).

In General:    Medical application: 7.5 lpm or more  
                          Headache or Nausea: 0.5 - 2 lpm

6. Check for bubbles flowing through water and check Mask (#1a) for flow.
7. If using a Mask, place Mask (#1a) over the user nose and mouth, secure by placing the elastic strap over the back of the head, tighten by pulling the straps (#1b) on the side of the Mask. If using a Cannula (#6), place in nose, loop tubing over ears, and adjust sleeve (#5a) as needed. User should breathe normally.
8. Monitor water level and refill when level reaches or falls below the "MINIMUM" mark.
9. Stop flow by adjusting regulator control knob to "OFF" or by removing the coupling (#4a) from the oxygen outlet. To remove the coupling (#4a), push it in and turn counterclockwise until unlocked.

## CLEANING

**CAUTION:** For sanitary purposes, cleaning of the Mask and/or Humidifier should only be considered if the Nebulizer Kit is going to be re-used by the same individual.

1. Empty water from bottle and wash with mild detergent.
2. Clean Mask with a clean lint-free cloth and Isopropyl Alcohol (70% by volume) or similar disinfectant.
3. Nebulizer Kits should be stored in such a manner as to prevent the kit from coming in contact with contaminants.

## REPLACEMENT PARTS

DESCRIPTION	PART NUMBER
Clear "Triangular" Mask	O2C52A11-84
Yellow "Dixie Cup" Mask	289-601-223-2
Humidifier Assembly	O2C33D01
Cannula	O2C55T03-1

## RECERTIFICATION

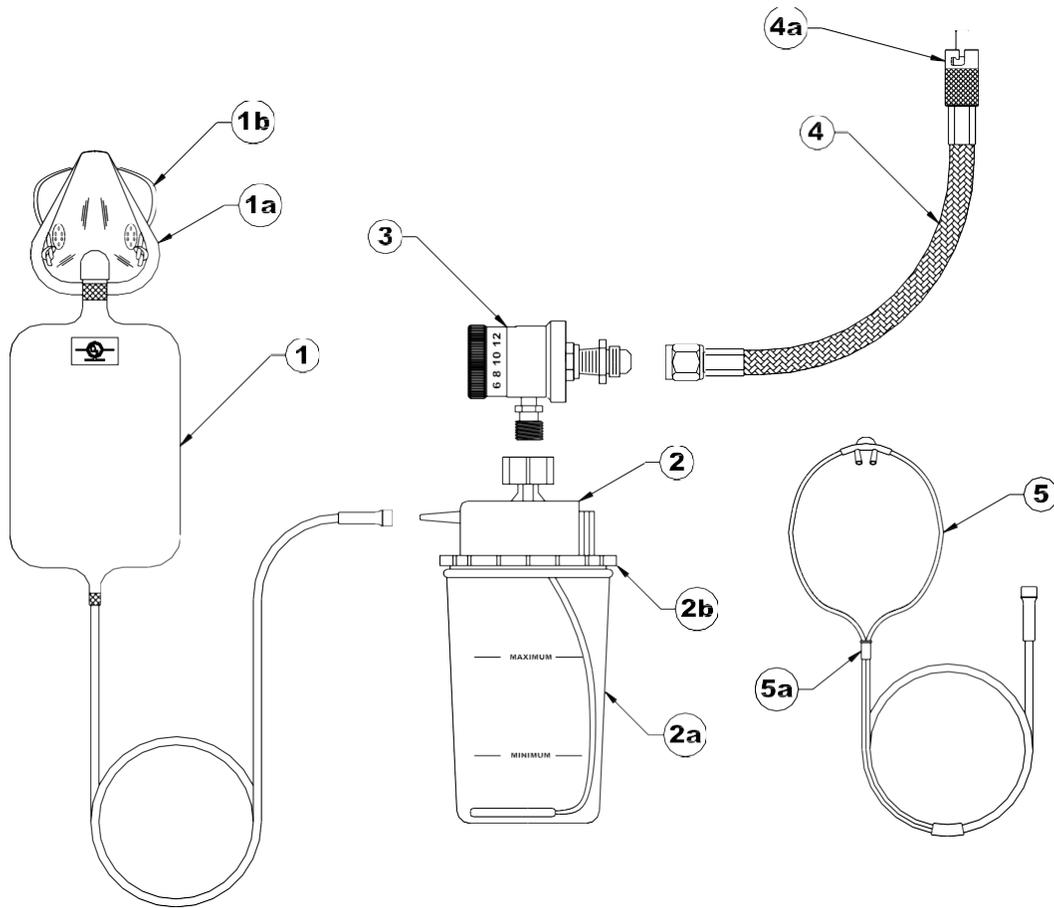
An O<sub>2</sub> Corporation Nebulizer Kit comes with a three-year warranty from the date of manufacture. At the conclusion of this three-year period the Mask Assembly should be replaced. O<sub>2</sub> Corporation's nebulizer kits can also be serviced consisting of component replacement, functional testing, and recertification for another three years.

O<sub>2</sub> Corporation is authorized, under Air Agency Certificate # OTWR615K, to overhaul any Nebulizer Kit manufactured by O<sub>2</sub> Corporation under the O2C33K Series.

## TROUBLESHOOTING

CONDITIONS	POSSIBLE SOLUTION
No Flow	Check for flow at Outlet
	Check that Regulator is on a flow rate setting
	Check hose and tubing for kinks
	Check tubing inside bottle for kinks
Leaks	Check for proper/tight installation at Outlet
	Check connection of nut between Hose and Regulator
	Check connection of nut between Humidifier and Regulator
	Check the tubing for proper attachment to the Humidifier
	Check connection between the bottle and lid (Humidifier)

**SCHEMATIC**



ITEM	DESCRIPTION
1	Mask Assembly (clear mask shown)
1a	Mask
1b	Strap
2	Humidifier Assembly
2a	Bottle
2b	Lid
3	Regulator
4	Hose Assembly
4a	Coupling
5	Cannula*
5a	Sleeve

\* Cannula is currently included with part number O2C33K08 only

## MAINTENANCE

The purpose of this section is to provide information regarding maintenance and inspections. The information given in this section is a guidance provided by the manufacturer.

A visual inspection is recommended to be performed once a year, at a minimum, for the first three (3) years of service. After the third year, all service is on condition. A more frequent visual inspection is recommended using the same inspection criteria.

If the Nebulizer Kit has not been opened, do not open the packaging until the unit needs to be used. This will maintain the integrity of the Nebulizer Kit's cleanliness. A visual inspection should be completed without opening the packaging.

The first step is to visually inspect the mask assembly and, if relevant, the cannula. Each mask assembly should be inspected for the following:

1. Deformation
2. Kinks
3. Tears
4. Discoloration
5. Solid or liquid contamination in or on the:
  - Facepiece
  - Vinyl reservoir bag
  - Tubing
6. Head harness / Strap condition
7. Sticking valves (yellow Dixie cup style only)

If a cannula is included in the Nebulizer Kit, inspect the cannula to Items 1-4 listed above.

The next step is to visually inspect the humidifier assembly for discoloration and solid or liquid contamination. If any of these conditions are found, clean the humidifier assembly per the Cleaning section of this instruction sheet. If the condition is not removed, the humidifier assembly should be replaced.

The next step is to visually inspect the regulator and flex hose. Each connection should be tight and secure. Each component should be free of tears or any damage that would question the integrity of the part.

If any of the discrepancies listed in this section are found, contact O<sub>2</sub> Corporation for further instructions.