Oxygen Concentrator Care & Maintenance Guide

Pre-introduction

Hi, in this video, you will learn about the care & maintenance of an oxygen concentrator.

It's crucial to follow the care & maintenance guide in this video to ensure safety, proper functioning long-hour oxygen treatment.

Greetings from Acuramed.

Oxygen concentrators play a vital role in supporting individuals with breathing difficulties caused by various respiratory conditions or low blood oxygen levels.

In this video, we aim to enhance your understanding of the operation of an oxygen concentrator, as well as highlight the key aspects of its care and maintenance.

~~Parts~~ Parts and Accessories of the Oxygen Concentrator



Operational Guide:

Please follow the simple steps for the oxygen concentrator's operation.

- 1st Step: Plug the concentrator to a single plug power point

- 2nd Step: Filled the water into the humidifier, reaching half the bottle between minimum and maximum line will be sufficient for 1 night use.
- 3rd Step: Place the humidifier at the dedicated area and connect the connecting tube to the humidifier.
- 4th Step: Connect the Nasal Cannula to the front part of the humidifier cover. Ensure the tube is well attached.
- 5th Step: Power on the concentrator with the “On” button located at the back
- 6th Step: Adjust the setting through the flow regulator, the metal ball in the flow regulator should stay in between the prescribe setting. (Please consult your physician for the oxygen setting).

Please follow these simple steps for the proper operation of the oxygen concentrator:

Step 1: Plug the concentrator into a single plug power point.

Step 2: Fill the humidifier with drinking water or distilled water, ensuring the level is between the minimum and maximum lines. A half-filled humidifier is usually sufficient for one night's use.

Step 3: Place the humidifier in its designated compartment and connect the tube from the concentrator to the humidifier.

Step 4: Attach the nasal cannula to the front outlet of the humidifier cover. Ensure the tube is well attached.

Step 5: Turn on the concentrator using the "ON" button located at the back of the device.

Step 6: Adjust the oxygen flow using the flow regulator. The metal ball should stay within the prescribed setting range. (Please consult your physician to determine the appropriate oxygen flow setting.)

Important Alert:

- Ensure placing the oxygen concentrator in a good, ventilated room with room temperature within 20- 26°
- Ensure minimal pets contact or sleeping near the oxygen concentrator to avoid shrouded with fur/hair.
- Avoid sharing the power point with other electronic devices with the oxygen concentrator, use a single power point for the concentrator only.
- Avoid placing the concentrator’s back near to the wall. It’s best to place the concentrator at least 2 to 3 feet away from the wall.
- Avoid placing the concentrator near the kitchen.

- Avoid placing the concentrator near the bathroom or toilet.
- Avoid placing the concentrator outdoor or direct under sunlight.
- Avoid placing the concentrator near the incense.
- Avoid placing the concentrator on a carpet.
- Avoid smoking nearby the concentrator.
- Avoid spraying anti bug spray near the concentrator
- Avoid spraying water directly to the concentrator

Important Precautions You Should Know

Ensure the oxygen concentrator is placed in a well-ventilated room with a temperature between 20-26°C.

Minimize contact with pets or avoid placing the concentrator near sleeping pets to prevent fur or hair clogging the air intake filters and reducing airflow.

Do not share the power outlet with other electronic devices. Use a single plug power point for the oxygen concentrator.

Keep the back of the concentrator at least 2 to 3 feet away from the wall to allow proper airflow.

Avoid placing the concentrator near the kitchen, bathroom, toilet, outdoors or in direct sunlight.

Keep the concentrator away from burning incense.

Do not smoke near the concentrator.

Do not place the concentrator on a carpeted surface.

Avoid using insect sprays near the concentrator.

Keep water sources away from the oxygen concentrator to avoid the risk of spillage onto the device.

Daily Care & Maintenance

- Oxygen concentrator supply oxygen through room air, it's important to ensure the cleanliness of the room and the concentrator. You may clean the concentrator with a damp cloth and mild detergent if needed, wipe the exterior of the oxygen concentrator. (Make sure the damp cloth is not overly wet).

- Humidifier bottle, it is important to replace the water daily only with drinking water or distilled water, it's encouraged to use a mild detergent that is formulated to clean baby bottles for better patient care.
- Nasal cannula, inspect the nasal cannula daily, ensure it's not kinks, leaks or any sign of damage. Clean the nasal prong/reservoir with a baby wipes.

Daily Cleaning and Care Guidelines:

1.) Oxygen Concentrator:

The oxygen concentrator draws in room air, so it's important to maintain a clean environment and keep the device itself clean.

Wipe the exterior of the concentrator with a damp cloth and mild detergent if necessary.

Note: Ensure the cloth is only slightly damp and not overly wet to avoid water damage.

2.) Humidifier Bottle:

Replace the water in the humidifier bottle daily, using only drinking water or distilled water.

For better hygiene, it is recommended to clean the bottle with a mild detergent formulated for baby bottles.

3.) Nasal Cannula:

Inspect the nasal cannula daily to ensure there are no kinks, leaks, or signs of damage.

Gently clean the nasal prongs/reservoir using baby wipes or a soft cloth.

Weekly Care & Maintenance

- Filter cleaning: The air inlet-filter is designed to filter the dust within the oxygen. To clean the filter, remove the filter from the side cover, clean and rinse the filter with water and brush the filter gently, alternatively, you can also use a portable vacuum to clean the filter before rinsing with water.

Daily Cleaning and Care Guidelines:

1.) Filter Cleaning:

The air inlet filter is designed to remove dust from the air before it enters the oxygen concentrator.
To clean the filter, remove it from the side cover of the device.

Rinse it with clean water and gently brush off any dust or debris.
Alternatively, you may use a portable vacuum to remove loose dust before rinsing with water.
Ensure the filter is completely dry before reinstalling it.

~~6 to 12 months Maintenance~~ Service & Maintenance

- The oxygen concentrator is required to service every 4,000 hours. Please contact us every 6 months if using 24/7. Or 4,000 hours running hour or once a year whichever comes first.

The oxygen concentrator requires servicing every 4,000 operating hours.
If the unit is used continuously (24/7), please contact us every 6 months.
Service should be scheduled at **4,000 hours of operation or once a year—whichever comes first.**

Accessories and parts replacement

To maintain optimal performance and hygiene, replace the following components as recommended:

- Nasal Cannula - **Every** month.
- Humidifier Bottle- **Every** 1 to 3 months
- Air inlet Filter (Black)- **Every** 6 months
- Inner filter (Grey)- **Every** 4,000 to 5,000 **operating** hours