



Oxygen Conserving Device Instructions

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visit our office or website to purchase specialty medical products such as pulse-oximeters, mood-lamps, CPAP products and to access questionnaires

Copies of these instructions can also be found at www.medprorespiratory.com

Your Prescription

Your doctor has prescribed your oxygen to be used in the following manner:

Date _____

_____ litres per minute during **normal activity**

_____ litres per minute at **night**.

_____ litres per minute when **exercising**.

Please note that the information provided here is meant to supplement, not replace, any special directions provided by your physician.

Oxygen is a prescribed drug. Never increase or decrease your oxygen without the specific approval of your doctor or health care provider. **If your doctor changes your oxygen flow rate or hours of use, notify MedPro Respiratory, as it may impact your cylinder consumption.**

Care and Maintenance

The oxygen conserving device (OCD) should be kept clean and free from moisture and dust. Avoid getting debris such as sand or dirt inside the device. Do not expose the conserving device to water.

The device should be protected from extreme temperatures.

Avoid dropping the conserving device or placing it in position where it could topple or fall. This can damage the device. (Whenever possible, secure the cylinder cart or cylinder bag to protect the cylinder and regulator/OCD from a fall.)

Clean the device periodically by wiping it with a dry, lint-free cloth.

Using Your Oxygen Conserving Device

Inserting a Battery into the Conserving Device

(If Necessary. Not all oxygen conserving devices have batteries)

Step 1: Remove the dust cap of OCD

Step 2: Open the battery door.

Step 2: Insert an alkaline battery.

Step 3: Close the battery door.

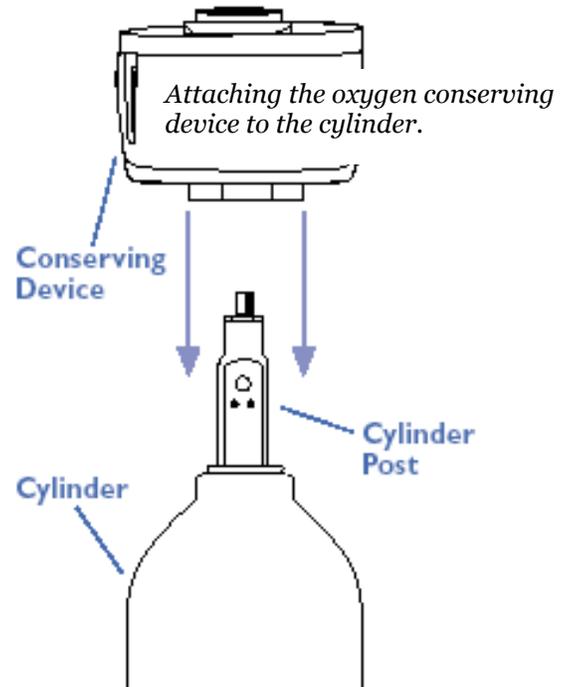
Attaching Your Oxygen Conserving Device to the Cylinder or Connecting Unit

Step 1: Loosen the T-handle or knob.

Step 2: Lower the OCD over or connect it to the post of the cylinder.

Step 3: Align the pins in the OCD device to the holes in the cylinder post as you would a standard regulator.

Step 4: Hand-tighten the T-handle or connecting unit until the conserving device is secure.



Using your Conserving Device

Step 1: Open cylinder valve with key provided.

Step 2: Attach nasal cannula to the OCD and to your nose and face.

Step 3: To turn on device, if applicable, turn the flow selector to the correct prescription flow setting. If applicable, slide switch to the "ON" position.

Step 4: Breathe normally through your nose. The OCD will deliver a bolus of oxygen during inspiration on every breath up to 40 breaths per minute.

Step 5: When you are finished using the oxygen conserving device, turn your cylinder valve clockwise to the closed position, and rotate the rotary selector to the Zero "0" position. Close cylinder with key provided. If applicable, slide the switch to the "OFF" position.

WARNING: To prevent injury from cylinders tipping over, do not use cannula tubing lengths over 7 feet with small compressed oxygen cylinders. Cylinders should always be safely stored and secured.

NOTE: In pulse mode, you will not feel a continuous flow of oxygen when taken out of your nose. The OCD does not deliver O₂ when you breath out – only when you breathe in. This is how it “conserves oxygen.” You may feel the oxygen by sucking on the nasal prongs when testing it between your lips.

Hours of Usage

The use time will vary for each individual depending on the prescribed oxygen setting, your breath rate, and cylinder size. Also, cylinders vary in gaseous liter capacity by manufacturer, which may result in varying use times.

To find your estimated use time, find your oxygen setting in the far left column and move your finger to the right until it is underneath the cylinder size that matches yours. This is your **estimated** oxygen use time. **NOTE: A ½ full cylinder will have ½ the duration listed below.**

OCD Flow Duration Pulse Dose Flow Rate				
Oxygen Setting	M-6 Cylinder like MOUSE	“C” Cylinder like CAT	“D” Cylinder like DOG	“E” Cylinder like ELEPHANT
.5	16.5 hours	24.2 hours	41.9 hours	68.9 hours
1.0	8.3 hours	12.1 hours	21.0 hours	34.4 hours
1.5	5.5 hours	8.1 hours	14.0 hours	23.0 hours
2.0	4.1 hours	6.1 hours	10.5 hours	17.2 hours
2.5	3.3 hours	4.9 hours	8.4 hours	13.8 hours
3.0	2.8 hours	4.0 hours	7.0 hours	11.5 hours
3.5	2.4 hours	3.5 hours	6.0 hours	9.8 hours
4.0	2.1 hours	3.0 hours	5.2 hours	8.6 hours
5.0	1.7 hours	2.4 hours	4.2 hours	6.9 hours
6.0	1.4 hours	2.0 hours	3.5 hours	5.8 hours
8.0	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A

Note: Usage times vary depending upon cylinder size and flow rate. This chart is meant to be a general guide only; your actual usage times may vary.

Safety Precautions

Read all instructions before using. Save these instructions.

The information contained in this guide is intended to assist in the safe operation of the equipment and to ensure maximum benefit is achieved.

This product is to be used only to deliver medical grade (U.S.P.) oxygen and only with a physician's prescription. Oxygen supplied by this equipment is not to be considered life-supporting and must not supply anything other than medical grade (U.S.P.) oxygen.

To reduce the risk of fire, burns, or injury to persons:

Oxygen, though non-flammable, vigorously supports and accelerates burning of any flammable material.

- **DO NOT SMOKE WHILE USING YOUR OXYGEN EQUIPMENT.** Keep burning matches, cigarettes, burning tobacco, or lit candles away from the area where the system is being stored or operated.
- Avoid creation of any spark near oxygen equipment.
- Keep the equipment away from heat sources, electric or gas heaters of any kind, fireplaces or stoves.
- Keep all flammable materials or petroleum-based products away from the equipment.
- Never attempt to lubricate the equipment.
- Never use aerosol sprays near the equipment.
- Do not permit smoking in the same room as your oxygen equipment
- No smoking on oxygen, or within 10 feet of the oxygen equipment

- Place NO SMOKING signs on all exterior doors of your residence and also on the door to the room where you will be using your oxygen.

Smoking can hurt you and others as well as cause damage to the oxygen equipment and your property. Always be cautious when using oxygen around flame and heat.

To prevent high concentrations of oxygen:

- Store equipment in a well-ventilated area.
- Turn off oxygen supply by closing the cylinder valve when not in use.

To reduce the risk of injury:

- Keep all units away from children. Do not allow unauthorized or untrained individuals to operate the equipment. Never tamper with or try to repair the equipment yourself.
- Do not immerse in liquids or subject device to harsh conditions .
- Do not use in temperatures greater than 104° F (40° C) or below 41° F (5° C).
- If you have any questions or suspect your equipment is not operating properly, contact your MedPro representative.
- Store full cylinders away from empty cylinders to avoid confusion and to ensure that you have an adequate number of full cylinders.

Ordering and Replenishing your Oxygen Cylinders

Your MedPro office will require 2 days notice for cylinder deliveries and may have designated delivery days in your area. Please speak to your local MedPro representative to clarify the ordering process and delivery day for your area.

- **NOTE: Monitor your oxygen use to ensure you re-order in time to assure delivery.**

Troubleshooting

Warning: Do not attempt to open the device for maintenance or repair. The conserving device contains no user-serviceable parts. Contact your local MedPro branch if service is required.

Symptoms	Possible Causes	Remedies
Oxygen is not being delivered even though the Pulse Dose/Normal Battery Indicator is flashing every time I breathe.	Oxygen cylinder is empty.	Check contents indicator on the device. If empty, switch cylinders.
	Oxygen cylinder is not turned on.	Open the oxygen cylinder valve by turning the valve counter clockwise.
Use times are different from those listed in the chart on page 10.	The conserver responds to your breath rate. Your breath rate may vary, which causes the operation time to vary.	Conserving device is probably operating correctly. Large variations may indicate leak.
Conserving device triggers whenever the cannula moves the slightest bit.	Triggering sensitivity is temporarily interrupted due to pinched cannula, tubing, continuous flow use, etc.	Conserving device will adjust automatically within 1-2 minutes.
Conserving device will not pulse.	Cannula is not adjusted properly.	Check all cannula connections to make sure they are tight and adjust the cannula to fit comfortably in your nose. Ensure tubing is not kinked.
	Triggering sensitivity is temporarily interrupted due to pinched cannula, tubing, continuous flow use, etc.	Conserving device will adjust automatically within 1-2 minutes.
	Kinked tubing	Straighten out tubing
	Unit is not turned on.	Turn the flow selector to the appropriate flow setting. Open cylinders by turning the valve counter clockwise.
Conserving device works fine for a couple of minutes, then sensitivity seems to drift and may stop working altogether.	Using pediatric cannula or any cannula that restricts continuous flow capacity of 10 lpm.	Replace the standard nasal cannula.