



Regulator 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 **AT REST**

_____ litres per minute **AT NIGHT (nocturnal use)**

_____ litres per minute **WHEN EXERCISING (exertional use)**

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.**

Care and Maintenance

The oxygen regulator 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 regulator to water.

The regulator should be protected from extreme temperatures.

Avoid dropping the regulator or placing it in position where it could topple or fall. This can damage the device. Protect the cylinder and regulator in a cart or bag to avoid damage due to a fall.

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

Using Your Oxygen Regulator

Attaching Your Oxygen Regulator to the Cylinder

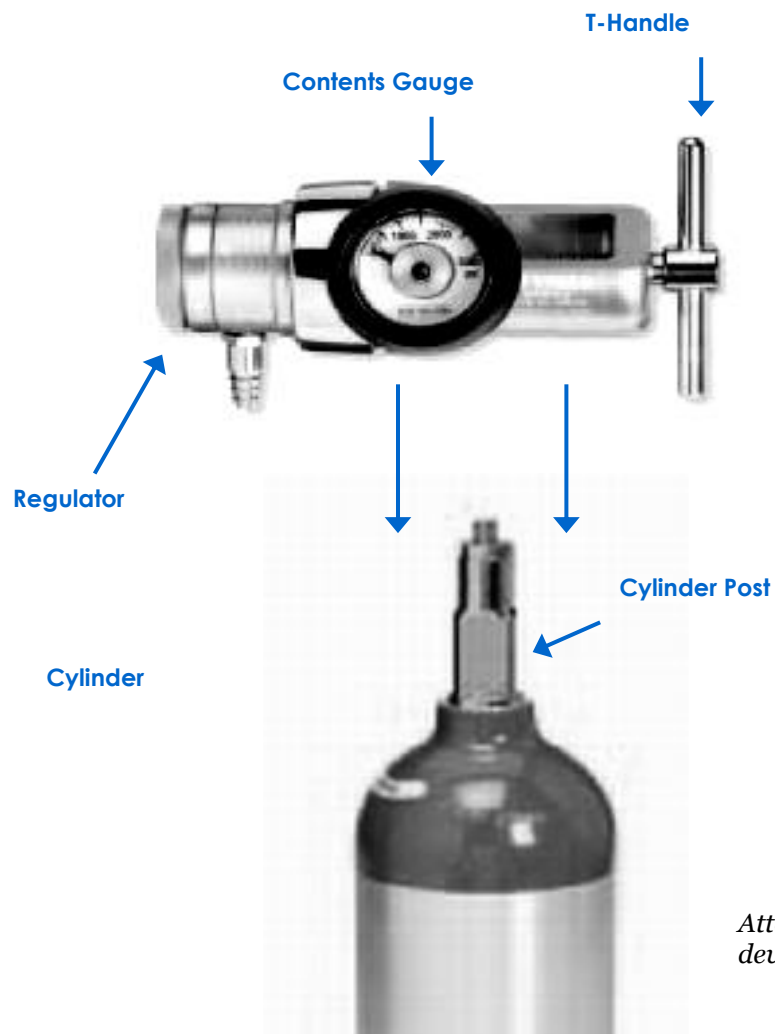
Step 1: Remove plastic dust cap and plastic washer from cylinder post.

Step 2: Loosen the T-handle on the regulator.

Step 3: Lower the oxygen regulator over or connect it to the post of the cylinder.

Step 4: Align the pins in the regulator to the holes in the cylinder post. If done properly, the regulator will not be crooked.

Step 5: Hand-tighten the T-handle until the regulator is secure.



Attaching the oxygen conserving device to the cylinder.

Using your Oxygen Regulator

Step 1: Open the cylinder with key provided.

Clockwise = close “righty-tighty”

Counter-clockwise = open “lefty-loosey”

Step 2: Check contents gauge on regulator.

NOTE: Pressure reading of 2200-2000 psi = Full, 1000 psi = ½ Full, 500 psi = ¼ full.

Step 3: Attach the standard nasal cannula to the regulator and to your nose and face.

Step 4: Turn the flow selector/rotary selector to the correct prescription flow setting.

Step 5: Breathe normally.

Step 6: Consult Cylinder Duration Chart for estimated usage time.

NOTE: Cylinder duration is directly related to pressure reading on the contents gauge.

Example:

Full E Cylinder @ 2 lpm, lasts approx. 5.7 hrs.

½ E Cylinder @ 2 lpm, lasts approx. 2.8 hrs.

Step 7: When you are finished using the oxygen regulator, turn the cylinder off (Clockwise = close “righty-tighty”) by using the key provided and turn the flow selector/rotary selector to the Zero “0” position.

- Taller cylinders can be secured in a cylinder cart to prevent from tipping over
- Cylinder may also lay flat on the ground

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.

Hours of Usage

The cylinder duration will vary for each individual depending on the prescription 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 Flow Rate/LPM 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 for a full oxygen cylinder. NOTE: A ½ full cylinder will have a duration time of ½ the time listed in the right column.

Regulator Flow Duration Continuous Flow Rate				
Flow Rate LPM	M-6 Cylinder like MOUSE	“C” Cylinder like CAT	“D” Cylinder like DOG	“E” Cylinder like ELEPHANT
.5	5.5 hours	8.2 hours	13.8 hours	22.7 hours
1.0	2.7 hours	4.1 hours	6.9 hours	11.4 hours
1.5	1.8 hours	2.8 hours	4.6 hours	7.6 hours
2.0	1.4 hours	2.1 hours	3.5 hours	5.7 hours
2.5	1.1 hours	1.7 hours	2.8 hours	4.5 hours
3.0	0.9 hours	1.4 hours	2.3 hours	3.8 hours
3.5	0.8 hours	1.2 hours	2.0 hours	3.2 hours
4.0	0.7 hours	1.0 hours	1.7 hours	2.8 hours
5.0	0.6 hours	0.8 hours	1.4 hours	2.3 hours
6.0	0.5 hours	0.7 hours	1.2 hours	1.9 hours
8.0	N/A	30 mins	0.9 hours	1.4 hours
10	N/A	24 mins	0.7 hours	1.2 hours
12	N/A	N/A	36 mins	1.0 hours
15	N/A	N/A	30 mins	0.8 hours

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:

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.

- 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 there is adequate full cylinders.

Troubleshooting

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

To test for a leak: Turn flow selector dial to Zero. Open cylinder and note the pressure on gauge. Close the cylinder valve by turning clock-wise. If pressure drops, then there is a leak.

Symptoms	Possible Causes	Remedies
Oxygen is not being delivered.	<i>Cylinder valve is not open.</i>	<i>Recheck that the cylinder has been turned on and then open cylinder valve. Turn cylinder valve counter-clockwise to open.</i>
	<i>Oxygen supply is empty.</i>	<i>Check contents indicator on the device. If empty, switch cylinders.</i>
	<i>Tubing is bent or kinked</i>	<i>Straighten the tubing.</i>
Oxygen leaking where regulator attaches to cylinder post.	<i>T-handle not tightened enough.</i>	<i>Tighten T-handle</i>
	<i>Plastic washer still on cylinder post.</i>	<i>Remove plastic washer.</i>
	<i>No black o-ring between regulator and cylinder post.</i>	<i>Replace black o-ring</i>