

# Portable Oxygen Cylinder System

It is important to know how to use your portable oxygen cylinder safely and the right way. Read the pamphlet on safe use of home oxygen equipment.

Your doctor has ordered you to use your oxygen at a special flow rate and for certain periods of time. Do not change your flow rate without an order from your doctor.

Call Carle Medical Supply with any concerns or questions about your equipment.

Oxygen is a safe gas when used the right way. However, it will support a fire or cause an explosion. So, oxygen must be handled carefully.

## SAFETY PRECAUTIONS

Store cylinders lying down away from heat, open flames or electrical equipment.



**Never store cylinders in the trunk of a car or any enclosed space.**

Never grease or oil oxygen equipment. Keep cylinders away from all flammable materials such as oil, grease, Vaseline, hair lubricants, hand lotions, and aerosol sprays.



Do not smoke or use an open flame in the same room with oxygen. Smoking anywhere near oxygen, even in the same room, can be very dangerous. Do not store the cylinder in a closet or closed space.



Do not allow oxygen tubing to come into contact with any stoves or space heaters.



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## OPERATING YOUR EQUIPMENT

### Using the Small Cylinder:

1. Open cylinder by turning the key counter-clockwise (left) until it shows content.



2. The contents/pressure gauge will register the amount of oxygen in the cylinder (a full cylinder registers about 2000 psi or pounds per square inch.)



3. Adjust the flow control knob until the flow indicator is at the prescribed flow rate.



4. Fit the cannula to your face so that it is comfortable. Wipe the cannula with a clean damp cloth each day and as needed. Replace it monthly or sooner if needed.



5. When you are not using the oxygen, remove your cannula. Close the cylinder valve by turning the key clockwise (right) all the way.



6. The flow of gas will stop when all the oxygen pressure is released from the regulator. Both the gauge indicators will read 0 (zero).



### Replacing an Empty Cylinder:

1. Close the cylinder valve by turning the key clockwise or to the right all the way.



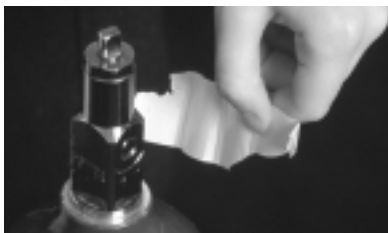
2. Loosen the regulator at the tee screw. If needed, use a box wrench to loosen the screw.



3. Remove the regulator by lifting it up over the cylinder valve.



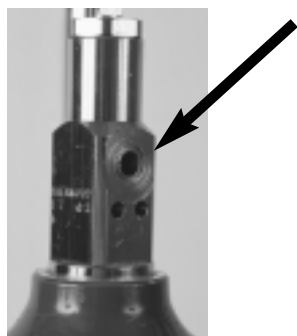
- Remove the tape from the valve of the new cylinder.



- A new gasket comes with every new tank, only replace gasket on the regulator if the old one is worn out or cracked. Always carry an extra gasket with the regulator.



- Slip the regulator over the valve of the new cylinder. Line up the pins on the regulator with the holes in the cylinder valve.



- Hand-tighten the tee screw. You may use a box wrench to firmly tighten the screw.



- Open the cylinder valve by turning the key counter-clockwise or left. Listen for leaks. If there is a leak, use a box wrench to tighten the connection. If the leak can still heard, the gasket may be damaged and should be replaced.



- The oxygen cylinder is ready to use.

## ORDERING OXYGEN

- Monitor the amount of oxygen you are using. Always be aware of the amount of oxygen still in the cylinder.
- If you do not get your oxygen on a regular schedule, reorder a new cylinder one to two days before you run out. Call Carle Medical Supply to reorder.
- The following chart will help decide the length of time your "E" cylinder will last. (see below)

## FLOW TIMES FOR "E" SIZE CYLINDERS

### Average oxygen usage times based on continuous flow rate.

Liter Flow Per Minute

Pressure Gauge Reading	1 liter	2 liters	3 liters	4 liters	5 liters
2000 psi	9 hrs. 18 min.	4 hrs. 36 min.	3 hrs. 6 min.	2 hrs. 18 min.	1 hr. 48 min.
1500 psi	6 hrs. 54 min.	3 hrs. 54 min.	2 hrs. 45 min.	1 hr. 39 min.	1 hr. 21 min.
1000 psi	4 hrs. 36 min.	2 hrs. 18 min.	1 hr. 30 min.	1 hr. 6 min.	54 min.
500 psi	2 hrs. 18 min.	1 hr. 9 min.	45 min.	33 min.	27 min.

*These figures are an estimate and are to be used only as a general guide. Each person's usage times may vary.*

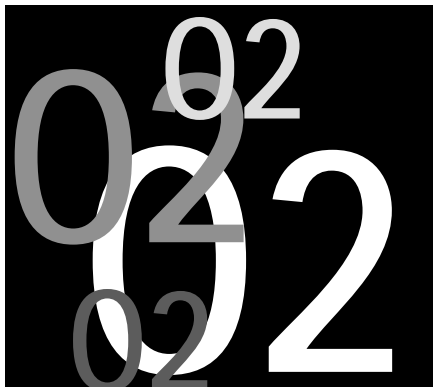
## QUESTIONS?

Call the Carle Medical Supply nearest you.

1208 N. Cunningham Avenue,  
Urbana, Illinois 61802  
(217) 383-3487 or (800) 851-3373

1016 Broadway Avenue,  
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