

OXYGEN EQUIPMENT - PORTABLE CYLINDER

Customer Product Information

If your cylinder is being supplied from a cylinder or tank, be sure to have it secured so it cannot be knocked over. A stand has been provided for this purpose. If you keep extra cylinders on hand be certain that they are stored lying down when they are not connected to your oxygen equipment. It is important to secure empty cylinders as well full ones. All cylinders should be kept away from radiators, heat ducts, stoves or any other source of heat.

“ NO SMOKING” signs should be prominently displayed in all area where oxygen is being used or stored. Review the other safety precautions in the general information on oxygen therapy that was provided with instructions.

ATTACHING THE REGULATOR TO SMALL CYLINDERS

1. Remove the seal from the neck of the cylinder and save the washer inside.
2. Place the new washer on the largest peg located inside the yoke of the regulator. (If the previous washer is still in place remove it before you installing the new washer.)
Do not remove the rubber washer only the plastic washer should be replaced.
3. Attach the regulator by slipping the yoke down over the neck of the cylinder and aligning the pegs inside the yoke with the holes on the neck of the cylinder.
4. Tighten the “T” bolt firmly. If the “T” bolt isn’t secure or if the washer is not in place the cylinder will make a loud hissing sound when the valve is turned on indicating oxygen is escaping. THERE IS NO DANGER, But the “T” Bolt must be tightened

TURNING ON OXYGEN

1. Make sure that the flow adjustment knob is turned to OFF position (fully counter clockwise finger tight only do not force.)
2. Using the small cylinder wrench or key, slowly turn the cylinder valve one full turn counter clockwise. When this valve is opened the pressure gauge will indicate the amount of oxygen left in the tank. A full tank will read approximately 1800 to 2000 pounds.
3. Turn the flow adjustment knob ON (clockwise) until the flow meter gauge registers the flow rate prescribed by your doctor. Your doctor prescribed a flow rate of _____ Liters Per minute.
4. Attach the tubing from your cannula to the nipple adapter on the regulator.
5. Put the cannula on and adjust to comfort.

TURNING OFF OXYGEN

1. Using the small cylinder wrench or key, turn the cylinder valve fully clockwise. The pressure gauge and flow meter will slowly drop to zero as the oxygen is purged from the regulator.
2. When the contents gauge registers zero turn then flow adjustment knob to zero or off position. Finger tight only. Do not force the knob past zero.

REMOVING THE REGULATOR

1. Turn off the oxygen as described.
2. Loosen the “T” bolt enough to permit the pegs in the regulator yoke to be disengaged from the holes in the neck of the cylinder. Lift off the regulator.

CHANGING CYLINDERS AND ORDERING MORE OXYGEN

It is important to check the pressure gauge regularly to avoid running out of oxygen. Although our representative will do everything possibly to assist you. He or she cannot monitor your oxygen supply as closely as you can. You, a family member, or a caregiver must assume this responsibility. The information below will assist will you in determining when to order more oxygen.

The most frequently used portable oxygen cylinders are the “E” tank. When full, it contains 650 liters of oxygen. It will last approximately:

5¼ hours at a flow rate of 2 liters per minute.

3 hours at a flow rate of 3 liters per minute.

2½ hours at a flow rate of 4 liters per minute.

With this information, your pressure gauge reading will enable you to estimate your supply of oxygen. A full cylinder registers approximately 2000 pounds. Consequently your pressure gauge registers 1000 pounds your cylinder is approximately ½ full. At 500 pounds, you have approximately ¼ of a tank.

Example:

If your prescribed flow rate is 2 liters per minute and your pressure gauge is reading 1000 pounds, you would have slightly more than a 2½ hours supply of oxygen. (i.e. 1 half of 4 ¼ hours)

You should always change tanks before the pressure gauge drops below 200 pounds. Below that pressure the flow meter no longer reads accurately. (The pressure should be watched carefully below 500 pounds) **IMPORTANT THE CYLINDER VALVE MUST BE TURNED ON IN ORDER TO READ THE CYLINDER PRESSURE)**

Always keep enough oxygen on hand to last during weekends, and/or holidays. If you need help in deciding how long your tank will last, call Sullivan’s Medical Supply and they will assist you.

The oxygen equipment provided to you is transported, handled, and installed by professionals with experience in oxygen therapy. Feel free to ask any questions about your oxygen therapy and care.