

HOW TO PROPERLY USE YOUR OXYGEN REGULATOR

DO NOT EXCEED 2600 PSI or 179 BAR on all Oxygen Regulators.
Exceeding the recommended PSI or BAR rating will void the warranty.

- 1. For 540 (industrial) and international regulators:** To connect, it is important to insert the regulator into the valve connection of the cylinder at a perpendicular (90°) angle before tightening the nut. You can hand-tighten the nut initially, but the last 1/4 to 1/2 turn needs to be wrench-tightened.

For 870 (medical) regulators: To connect, simply use the two guide pegs to align and then tighten the T-handle of regulator.

Be sure the regulator is in the "off" position by rotating the knob counterclockwise to "0". For safety, be sure you are not directly in front of or behind the regulator when opening the cylinder valve until you are sure it is fully secured.

- 2. SLOWLY** turn the cylinder valve on (counter-clockwise) about one full turn.

If you can hear a hissing sound, there is a leak in the system. Turn the cylinder off and turn the regulator on to relieve any built-up pressure. Try tightening the regulator to the cylinder and opening the cylinder again. If this is an industrial (540) regulator, it is important to note that it does need to be wrench-tightened (see previous steps). If this does not help, shut the system down again and contact a service representative. NEVER attempt to repair a regulator or cylinder yourself.

- 3.** Adjust the flow rate setting by turning the knob clockwise until the desired setting shows through the window on the regulator.
- 4.** To turn off the system, close the cylinder valve and wait for the oxygen to flow out of the regulator. At this point you should begin to see the gauge on the regulator decrease. To expedite this process, you can set the regulator to a whole number. Once the gauge has decreased, set the regulator dial back to "0".

NEVER try to remove the regulator unless the cylinder is off and pressure has been released.

If the cylinder pressure falls below 300 PSI, you should exchange the cylinder for a full one.

HOW OXYGEN FLOW REGULATORS WORK

Oxygen flow control regulators are pressure reducing devices that lower the pressure of oxygen from high pressure cylinders to levels that can be used safely by the user. Oxygen flow control regulators are intended for the administration of oxygen at the specific flow rates needed.



**540 Regulator
attached to
540 tank**



**870 Regulator
attached to
870 tank**

Warnings

1. Do not use with oil, grease or any other flammable material.
2. Keep out of reach of children.
3. Do not smoke in an area where oxygen is in use.
4. If the pressure relief valve on the underside of the regulator begins to vent oxygen, turn off the system and remove the unit until it can be serviced.