

How to Fill a Liquid Oxygen Portable:

Your service technician will demonstrate how to fill your portable unit.

The parts of your portable unit are similar to the main unit.

1. Inspect the transfer connections to be sure they are clean, dry, and lint free. If the connections are not dry, the units may freeze together.
2. Turn the flow rate control on the portable to "OFF."
3. Align the portable unit fill connector to the top recessed area on the main unit.
4. Place one hand on top of the portable unit and press straight down to start the filling process.



5. While holding the unit down, open the vent valve by flipping the lever straight out. It is advised to close and reopen the vent valve approximately 15-20 seconds into the filling procedure to break any ice crystals that may have formed.
6. You should hear a hissing sound and may see a small vapor cloud. **This is normal.**
7. Continue to hold downward pressure on the unit. Do not leave the unit unattended.



8. When the hissing sound changes to a spitting noise, close the vent valve. The unit is now full. Filling your liquid portable will typically take one and a half to two minutes.
9. Disengage the portable unit by holding the carrying strap and pushing the release button. If the units do not disengage easily, they may have become frozen. Should the units freeze together DO NOT force them apart, let the units thaw for 10 to 30 minutes then separate. If the unit still does not separate, call NRS for further assistance.



10. Place the oxygen tube on the “oxygen tubing adaptor” and adjust the cannula or breathing device to receive oxygen comfortably.
11. Turn flow controller to prescribed rate.

Your Service Technician will show you how to determine the amount of liquid oxygen remaining in your portable unit. Most units have an integral scale built into the top of the unit or handle.

To determine length of time your oxygen will last, see oxygen duration chart.

Note: If you plan to use your portable equipment for a shorter duration, the portable unit can be partially filled. To partially fill the unit, simply close the vent valve sooner than normal. Your portable unit will be lighter and you will waste less oxygen.

If you do not use all the contents of your portable liquid oxygen unit the same day you fill the unit, the remaining liquid contents will evaporate by the next day.