

Patient Instruction Guide- Oxygen Liquid

Set Up:

1. Place vessel in a well ventilated and easily accessible area. **Do not place unit in a closet or similar area, unit must be ventilated in order to prevent oxygen buildup in the environment. Buildup will increase risk of fire. Do not place fabric or other items over equipment.**
2. The **CONTENTS INDICATOR (3)** will show the amount of oxygen in the unit. Be sure to check this periodically and call Oxygen One, if you need fill.



1. Portable Release Button
2. Filling Connections
3. Contents Indicator
4. Flow Rate Control Knob
5. Breathing Oxygen Supply Outlet



Direct Use:

1. Attach humidifier bottle if used.
2. Attach the oxygen tubing from the cannula to the breathing oxygen supply connection or the humidifier connection.
3. Adjust cannula to face.
4. Turn the flow control knob on the top of the stationary to the setting prescribed by your physician.
5. During use, moisture will condense on the internal parts of the unit. The moisture will collect in a drain bottle.

Filling your Liquid Oxygen Portable:

1. Dry the **FILLING CONNECTION (2)** on both the reservoir and the portable unit with a clean, dry cloth.
2. Check **CONTENTS INDICATOR (3)** to make sure enough liquid oxygen is available.
3. Firmly lower the portable unit onto the reservoir so the portable's filling connection engages the reservoir's **FILLING CONNECTION (2)**. Press straight down over the fill connector.
4. While firmly holding the portable unit in place with one hand, open the vent valve lever 90 degrees down to the open position in which filling begins.
5. Close the vent valve lever immediately upon hearing a sputtering noise. This is usually within 30 seconds to one minute, **depending on the size of the portable**. While holding the portable, gently pull it OFF the reservoir. If it is stuck, press the **PORTABLE RELEASE BUTTON (1)** on the reservoir.
6. Allow portable to sit upright for 30-45 minutes after filling.
7. After filling, check the contents of the portable system.

Portable Liquid Systems-Portable Times and Filling Instructions:

WARNING: Do not touch Liquid Oxygen or the parts that have been in contact with Liquid Oxygen. Liquid Oxygen is extremely cold and when touched can freeze skin and body tissue

Approximate hours of use are when portable is full and patient is breathing 20 breaths per minute. Time will vary.

Helios H300

Liter Flow	Approximate Tank Time
1 lpm	10 hours
2 lpm	6-8 hours
3 lpm	5 hours
4 lpm	4 hours

Helios H850 Marathon

Liter Flow	Approximate Tank Time
2 lpm	14-16 hours
3 lpm	10 hours
4 lpm	9 hours
1 lpm Cont. Flow	10 hours
2 lpm Cont. Flow	5 hours
3 lpm Cont. Flow	3 hours
4 lpm Cont. Flow	2 hours
5 lpm Cont. Flow	1.5 hours
6 lpm Cont. Flow	1 hours



To read oxygen contents:

Holding the strap on the back, push the bottom back side of the unit until it is vertical. The green indicator will appear in the window, showing the amount of oxygen in the unit.

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C1000



To read oxygen contents:

Lift the unit by the strap nearest the indicator. The color-coded gauge indicates the liquid level.

Liter Flow Continuous Flow Only	Approximate Tank Times
1 lpm	15 hours
2 lpm	8 hours
3 lpm	5 hours
4 lpm	4 hours
5 lpm	3 hours
6 lpm	.5 hours

Caire Stroller



To read oxygen contents:

Push the green button (liquid level switch) on top of the unit for two seconds minimum. Read across the top of the light bar to indicate contents level.

CAUTION: The unit is empty if only the last segment of the light bar is lit.

Liter Flow Continuous Flow Only	Approximate Tank Times
1 lpm	15 hours
2 lpm	8 hours
3 lpm	5 hours
4 lpm	4 hours
5 lpm	3 hours

C500



To read oxygen contents:

Lift the unit by the strap nearest the indicator. The pointer indicates the liquid level.

Liter Flow	Approximate Tank Times
1 lpm	8 hours
2 lpm	4 hours
3 lpm	2.5 hours
4 lpm	2 hours
5 lpm	1.5 hours

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Spirit 300



To read oxygen contents:

Suspend the unit directly above the black contents indicator by holding the ring. Allow the unit to stabilize and read the exposed colored scale for approximate contents.

Liter Flow	Approximate Tank Time
1 lpm	13 hours
2 lpm	6 hours
3 lpm	4 hours
4 lpm	3 hours
5 lpm	2.5 hours
2 lpm Cont. Flow	2 hours

Cleaning:

1. All equipment should be wiped off with a damp cloth using water and a mild detergent.
2. Be sure filling connection and portable unit are completely dry before filling.

Troubleshooting:

Problem	Possible Cause	Solution
Portable will not fill.	<ol style="list-style-type: none"> 1. Unit base empty. 2. Portable Vent-to-Fill valve not open. 3. Portable not seated properly on filling connections. 	<ol style="list-style-type: none"> 1. Call Oxygen One to schedule a delivery. 2. Open Vent-to-Fill lever. 3. Reposition the portable.
Base Unit/Portable freeze together during fill.	<ol style="list-style-type: none"> 1. Overfilling of Portable. 2. Moisture or foreign matter on filling-couplers. 	<ol style="list-style-type: none"> 1. Fill per medical technician's instructions, watch for mist and change in sound, close lever. 2. Close Vent-to-Fill lever and wait for couplers to thaw (15-20 minutes).
Portable does not release oxygen.	<ol style="list-style-type: none"> 1. Kink or plug in tubing. 2. Portable is empty. 3. Liter flow is turned to 0. 4. Portable is overfilled. 5. Conserving device batteries dead (if applicable). 	<ol style="list-style-type: none"> 1. Unkink or Change tubing. 2. Refill portable. 3. Turn dial to prescribed liter flow. 4. Allow portable to sit upright, without carrying bag, until thawed. 5. Change unit to continuous flow until batteries are replaced.