

Examples



With 870 Tank and Syringe

With 540 Tank and Cup

With 540 Tank and Bag

Things to know about ozone

- Heat degrades the strength of ozone
- Humidity degrades the strength of ozone

Both of these factors affect ozone output. It is recommended to use your ozone generator at room temperature and not put it in direct sunlight. Always use clean oxygen either from an O2 concentrator or an O2 tank while using the ozone generator. Using an oxygen source like ambient air can result in voiding the warranty. This is because dust and humidity may enter the ozone generator which could possibly compromise it. Ozone strength will always be greater when using an oxygen source (i.e. O2 tank) - this is because ozone output is directly related to the concentration of oxygen entering the ozone generator.

Another factor resulting in ozone output is the speed at which the oxygen flow is set. The slower the oxygen flow the stronger the ozone output. This is because ozone generators rely on contact time with oxygen. The longer the oxygen can stay in contact with the ozone generator the stronger the ozone output will be.

Different clean oxygen sources do effect ozone output. Typically an oxygen concentrator operates at 90% - 95% pure oxygen. Oxygen from a tank is usually 100%. This is because each source of oxygen is produced in two different ways. An oxygen concentrator uses a compressor to separate and purify the oxygen. An oxygen tank uses oxygen that was originally created by cooling oxygen to a liquid and separating out all the impurities. Oxygen from a tank is usually a higher concentration.

Warranty: Promolife offers a lifetime warranty on the O3Elite ozone generator to be free from defects in parts and workmanship under conditions of normal use. Warranty is void if the unit has been tampered with, the cover is removed, water or any other liquid material or dirt or extensive dust is found in the unit. Promolife, Inc. will perform repairs or replace equipment, at their discretion. The warranty shall be null, void, and non binding upon Promolife if Promolife determines the cause of malfunction to be misuse. Promolife is not liable to the purchaser or other users for loss of use of the generator or for other special, indirect, incidental or consequential damages. Promolife is not liable for any special, indirect, incidental or consequential damages that result from the misuse or malfunction of the ozone generator and/or any of its components.

Disclaimer: This unit is for recreational and experimental use only.

www.promolife.com | 1-888-742-3404 | info@promolife.com



O3Elite Mini Ozone Generator USER MANUAL



www.promolife.com

1-888-742-3404

www.facebook.com/promolifeinc

www.twitter.com/promolifeinc

Ozone Definitions

1 Gamma = 1ug (microgram)/ml = 1g/L = 1g/c3

1LPM=1000 cc/min = 1000 ml/min

Total volume in ml = flow (cc/min) x time (min)

Total Ozone = Total Volume (ml) x Ozone Concentration (ug/ml)

Contact Us

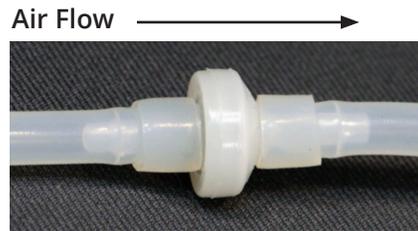
If you have any questions, contact Promolife at: 888-742-3404 or 479-442-3404
info@promolife.com or visit www.Promolife.com other options.

The O3Elite Mini is a single cell ozone generator designed for performance. It comes in a thick aluminum case with 316 grade stainless steel Luer lock fittings and no plastic. The user can connect tubing securely to the generator without the tubing slipping off. All of the components are manufactured in the USA, including the ceramic stainless cell.

The O3Elite utilizes a pulse modulated ceramic stainless cell, which produces stable ozone concentration levels and virtually no heat. This results in stronger, more efficient ozone production with maximum output and minimum high voltage input. No cooling fan is required which keeps the ozone generator cleaner and increases the life of the machine. The cell produces very little noise. The lower the noise, the more efficient the ozone generation.

Ozone check valve

Promolife provides an ozone check valve with each ozone generator. The check valve should always be used when water is being used. It helps to prevent water from entering the unit. Using the ozone generator with water and without the ozone check valve will void the warranty. To install, blow into the check valve to determine which side the air comes out. That side should be attached to the ozone tubing that connects to your ozone accessories. The side where air does not come out should be attached to the ozone tubing that is connected to your ozone generator.



Cleaning your ozone generator

The O3Elite ozone cell is designed to be cleaned if needed. Using a clean oxygen source with your ozone generator will result in a prolonged life and no need for cleaning the ozone generator cell. Cleaning may be necessary if an unknown or known material enters the ozone cell. Cleaning the cell should not be done by the purchaser as doing so will void the warranty. Cleaning will be performed only by the manufacturer. Please contact the seller to find out where to send your ozone generator for cleaning and repairs. Cleaning is not covered under the warranty.

Operating conditions

The generator is designed to run with either an oxygen concentrator or an oxygen tank. Using a pure oxygen source eliminates any contaminants from being produced that may enter or harm the ozone generator. Do not exceed 50 psi when using an oxygen tank. Using psi greater than 50 will result in a voided warranty.

Operating Environment

Please choose the best operating environment that is available at the chosen site. Setup in an area that is free

of airborne moisture and particles. Please make sure the ozone generator is kept clean and dry. Dust particles and condensation pose a challenge to the consistent operation of all ozone generators.

Safety

Please read the following safety guidelines thoroughly before attempting to operate or install your equipment.

- This equipment should never be allowed to come in contact with water.
- Only qualified personnel should be allowed to set up, maintain and operate.
- The equipment must be operated using a properly grounded electrical circuit that is protected by either a fuse or circuit breaker.
- Promolife, Inc. assumes no liability for damages or injuries incurred by misuse.
- Do not use an extension cord to supply power to this equipment.
- Use a power conditioner if line voltage fluctuates outside of specified range.

Power requirements

The O3Elite offers a standard AC to DC wall transformer which can be used with voltages ranging from 100 to 240 volts. This gives the O3Elite the ability to be used internationally without a step-down transformer. Voltage 12 VDC, Power Consumption: 800ma.

Attaching the tubing to the O3Elite

The ozone generator has female Luer Lock connectors and the tubing has male connectors. These are designed to work together. Attach the male Luer lock with tubing directly to the female Luer lock and turn clockwise. This will lock the tubing in place for quick, easy use. To disconnect the tubing turn the male Luer lock counter clockwise.



Operating Instructions



1. Remove the dust caps from the Oxygen In and Ozone Out ports.

2. Plug the power cord into the Power Input on the back of the generator. Plug the other end into your wall outlet.

3. It is important to turn your oxygen source on first. For tanks, turn on the flow for at least 30 seconds. For a concentrator, run it for five minutes before connecting to the ozone generator. This allows for maximum purity. After the oxygen has run for the recommended time, set it to the LPM needed to achieve your desired ozone output (see the chart on top of the O3Elite Mini). Then connect tubing from your oxygen source to the Oxygen In on the back of the O3Elite Mini. **Do not use the humidifier if one came with your oxygen concentrator.**

4. Connect silicone tubing with a Luer lock connector to the Ozone Out on the O3Elite Mini. Connect the other side of the tubing to your chosen ozone application.

5. Turn on the O3Elite Mini by pressing the Power button. Run for your desired session time and then turn off the O3Elite Mini. Let the oxygen continue to run for 30 seconds before turning off your oxygen source. **Unhook all tubing when not in use.**