

OWNER'S MANUAL



Water Purification System

Date Purchased: _____

Serial Number: _____

Model Number: _____

Place of Purchase: _____

IMPORTANT SAFETY INSTRUCTIONS

READ, UNDERSTAND, FOLLOW AND **SAVE** THESE INSTRUCTIONS

WARNING—OZONE POISONING HAZARD Failure to follow this warning could result in personal injury or death. Provisions for ventilation air must be provided for in accordance with this manual. Ozone is invisible, odorless, and toxic!

WARNING- In order to safely sanitize Drinking Water, ozone levels of at least 650mIV oxidation redox potential (ORP) are required for about 30 seconds. *You can use a device to calibrate/measure ORP, Hach's ORP Pocket Pal (#2727300) will ensure that you are using ORP of at least 650mIV. This device can be found on our website. We also strongly recommend you read the following article found on the website: Introduction to ORP as the Standard of Postharvest Water Disinfection*

Operation, assembly details, parts listing,
maintenance guidelines, and warranty information

www.lifelineozone.com

Introduction

Congratulations. You have purchased an environmentally safe ozone purification system. Your Lifeline Ozone® device uses state-of-the-art technology to purify water. Please read and follow all of the instructions in this manual. If you have any questions concerning your LifelineOzone® device, call us at 303-520-6466. Thank you.

Important Safety Information

READ AND FOLLOW ALL INSTRUCTIONS

When installing this device, basic safety precautions should always be followed, including the following:

WARNING— Read all instructions before using. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury, or death

WARNING— For outdoor use only.

WARNING— To reduce the risk of injury, DO NOT allow children to play with this device or any of its parts.

WARNING— Use in well ventilated area, Ozone is harmful to breath directly.

WARNING—Locate the cord and LifelineOzone device in a dry area where it will not be damaged by lawn mowers, hedge clippers, propellers, animals, and other equipment.

WARNING— To reduce the risk of electric shock, contact LifelineOzone to replace damaged cords (leads) immediately.

WARNING— Risk of injury. DO NOT touch or handle the bubbling stone while the device is operating. Do not breath Ozone directly while the generator is on.

WARNING— Do not open, repair, or replace any part of the device or attempt any servicing. This will void all warranties.

WARNING— Keep away from natural gas & natural gas applications.

WARNING—**OZONE POISONING HAZARD** Failure to follow this warning could result in personal injury or death. Provisions for ventilation air must be provided for in accordance with this manual. Ozone is invisible, odorless, and toxic!

WARNING- **ELECTRICAL SHOCK HAZARD** Failure to follow this warning could result in personal injury or death. Turn off electrical power to unit before performing any maintenance.

Indoor Use is NOT Recommended: These units and the tanks they are hooked up to are NOT for indoor use UNLESS a heavy-duty ventilation system is installed. 'Natural' ventilation is NOT sufficient to prevent harmful concentrations of ozone. For maintenance of the tank or ozone unit make sure the unit has not been run at least one hour prior to approaching the tank.

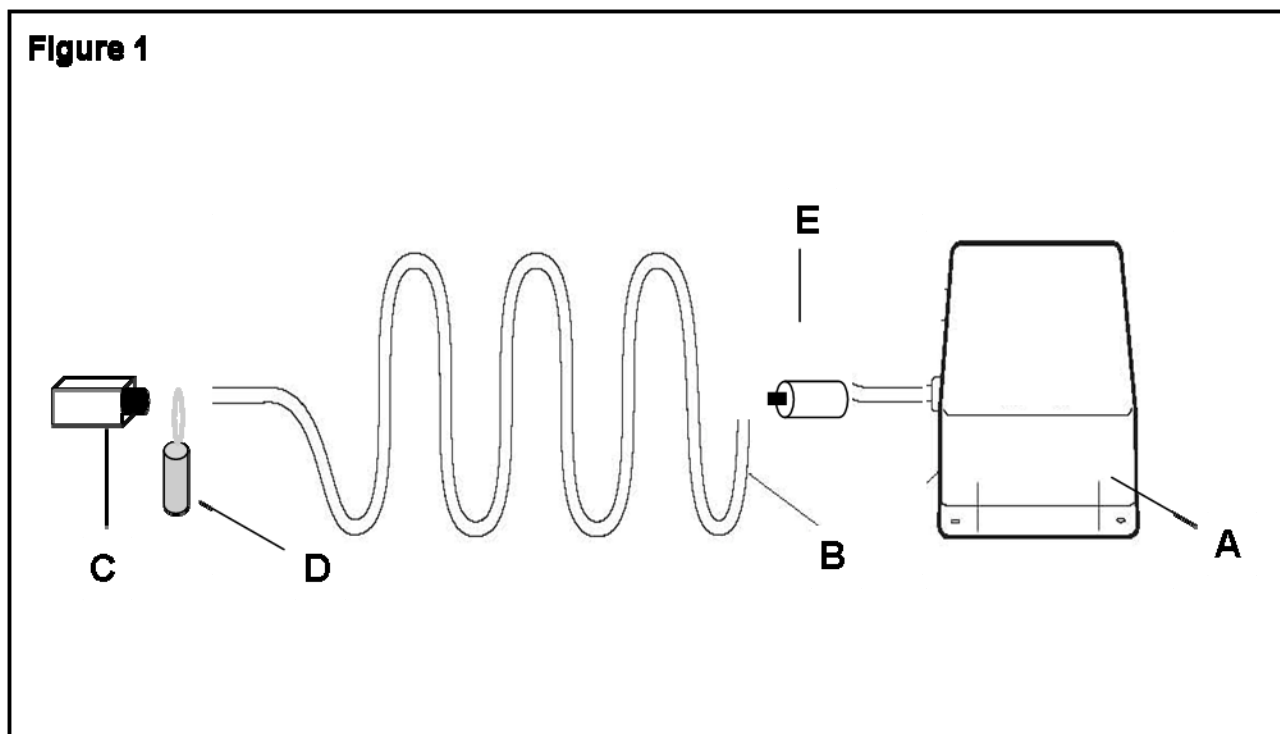
Outdoor Use: Ozone is very hazardous please take necessary precautions when using these machines. Excessive concentrations of ozone around the top of the tank can be found, in particular if the tank sits in a shed or under some sort of roofing.

Outdoor Use Recommendations: Ensure the units and the tanks they are hooked up to are NOT under a shed or roofing so that no pockets of harmfully high ozone concentrations can built up. For maintenance of the tank or ozone unit make sure the unit has not been run at least one hour prior to approaching the tank. Tanks and unit should not be situated close to stables, animals or humans, distance should at least be 50 feet.

Parts and Assembly

PARTS

- A. LifelineOzone Generator
- B. LifelineOzone 12-20 ft Tubing
- C. LifelineOzone Bubbling Stone
- D. Optional - LifelineOzone Weighted Mechanism (Optional)
- E. Check Valve



ASSEMBLY

Installing your Lifeline Ozone System[®] is easy. **Do not plug in your device until you have completed the following steps:**

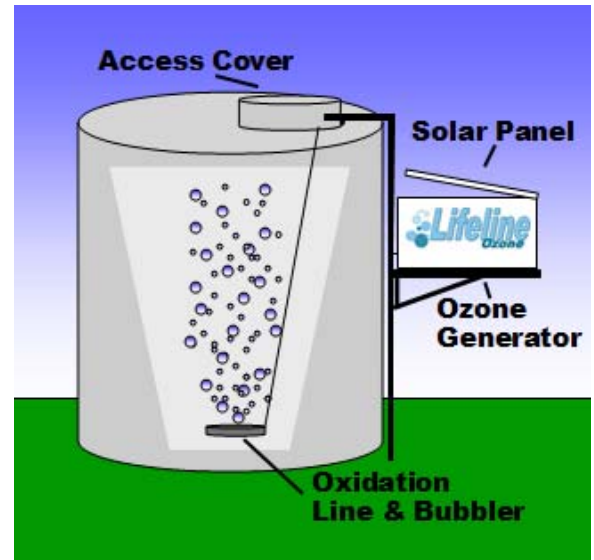
1. If you purchased the optional timer for intermittent use, locate and attach it where it will be convenient and in a dry area, set the timer and plug it in.
2. Attach the Ozone Generator in a shaded and dry location where it will not be damaged by lawn mowers, hedge clippers, propellers, animals, inclement weather or other equipment, while allowing the tubing to reach the bottom of the tanks (you may need additional tubing).
3. Attach the Bubbling stone to the end of the tubing.
4. Attach the Weighted Mechanism at the bottom of the tubing.
5. Place the Bubbling stone in the bottom center of the tank with the hose attached.
6. Attach the other end of the hose to the check valve (test annually) coming out of the Ozone Generator.
7. Plug the Ozone Generator either into the timer for *Intermittent* use or directly into the electrical receptacle for *Continuous* use. Check products specifications below for your specific product.

Placement and Installation

PLACEMENT

Set up your device to provide the optimal use of the ozone to the water you are treating. This should be in a dry area where it will not be damaged by lawn mowers, hedge clippers, propellers, animals, and other equipment.. Place the bubbling stone at the bottom center of the tank. (See diagram).

Attach the Ozone Generator at a location where it will not be damaged by lawn mowers, hedge clippers, propellers, animals, inclement weather or other equipment, while allowing the tubing to reach the bottom of the tank.



Maintenance

We recommend a spare check valve for every device. Each Check valve should be tested and replaced annually. Located between the tubing coming out of the generator and the separate 20ft of tubing.

Important: Always disconnect power from the device before cleaning or handling it.

How to test the Check Valve: Just take it off the tubing, blow through it both ways and if it will air to pass through one way but not the other then the check valve is still functioning correctly and does not need to be replaced

Warranty

Lifeline Ozone Limited One-Year Warranty
www.lifelineozone.com

SUMMARY OF THE WARRANTY

Lifeline Ozone makes every effort to assure that its products meet high, quality and durability standards and warrants the products it manufactures against defects in materials and workmanship for a period of one (1) year, commencing on the date of original shipment for Lifeline Ozone, with the following exceptions 1)The warranty period shall begin on the purchase date if the purchase is made within 90 days of the original shipment from Lifeline Ozone; 2)The warranty period shall begin on the date of the bill of sale to the end user if the purchase date is more than 90 days after the original shipment date. To validate the warranty, a warranty card must be returned to Lifeline Ozone and must include the following information:

- End user name
- Complete address, including telephone number
- Date purchased
- Complete model and serial number information
- Name of company from which the unit was purchased
- Copy of the bill of sale to the end user

Repairs and replacement parts provided under this warranty shall carry only the unexpired portion of this warranty or 90 days, whichever is longer.

ITEMS EXCLUDED FROM THE WARRANTY

This warranty does not extend to any products and/or part from which the factory assigned serial number has been removed or which has been damaged or rendered defective as a result of:

- An accident, misuse, alteration or abuse
- An act of God such as flood, earthquake, hurricane, lightning, or other disaster resulting only from the forces of nature
- Normal wear and tear
- Operation outside the usage parameters stated in the product user's manual
- Use of parts not sold by Lifeline Ozone
- Service or unit modification not authorized by Lifeline Ozone warranty
- Failure to meet service requirements as outlined in the manual
- Check valve failure
- Damage which may occur during shipment

OBTAINING SERVICE UNDER THE WARRANTY

Any product and/or part not performing satisfactorily may be returned to Lifeline Ozone for evaluation. A return Goods Authorization (RGA) number must first be obtained by calling Lifeline Ozone direct prior to shipping the product. The problem experienced with the product and/or part must be clearly described. The RGA number must appear prominently on the exterior of the shipped box(es). The product and/or part must be packaged either in its original packaging material or in comparable and suitable packing material, if the original is not available. You are responsible for paying shipping charges to Lifeline Ozone and for any damages to the product and/or part that may occur during shipment. It is recommended that you insure the shipment for the amount you originally paid for the product and/or part.

If, after the product and/or part is returned prepaid and evaluated by Lifeline Ozone, it proves to be defective while under warranty, Lifeline Ozone will, at its election, either repair or replace the defective product and/or part and will return ship at lowest cost transportation prepaid to you **except for shipments going outside the 50 states of the United States of America**. If upon inspection, it is determined that there is no defect or that the damage to the product and/or part resulted from causes not within the scope of this limited warranty, then you must bear the cost of repair or replacement of damaged product and/or part and all return freight charges. Any unauthorized attempt by the end user to repair Lifeline Ozone manufactured products without prior permission shall void any and all warranties. For service, contact Lifeline Ozone directly.

EXCLUSIVE WARRANTY

There is no other expressed warranty on Lifeline Ozone products and/or parts. Neither this warranty, or any other warranty, expressed or implied, including any implied warranties or merchantability of fitness, shall extend beyond the warranty period. Some states do not allow limitations on how long an implied warranty lasts, so that the above limitation or exclusion may not apply to you.

DISCLAIMER OF INCIDENTAL AND CONSEQUENTIAL DAMAGES









No responsibility is assumed for any incidental or consequential damages; this includes any damage to another product or products resulting from such a defect. Some states do not allow the exclusion or limitation of incidental or consequential damages, so that above limitation or exclusion may not apply to you.

LEGAL REMEDIES OF PURCHASER

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

THIS STATEMENT OF WARRANTY SUPERSEDES ALL OTHERS PROVIDED TO YOU AT ANY PRIOR TIME

TECHNICAL SPECIFICATIONS

	Product	Voltage	AMP's/ Watts	Ozone Output	Range	Solar Kit Option	Benefits
	300P 110V	AC 110V	1 AMP 8 Watts	300mg/h	50 to 200 gal* 4 ft deep*	Available	Intermittent Duty, Air Pump
	300P 24V	AC/DC 24V	5 AMP 12 Watts	300mg/h	200-1,000 gal* 20 ft deep*	Available	Continuous Duty, Air Pump, Internal Fan, Optional Manual Air Dryer Available
	600 P 24V	AC/DC 24V	8 AMP 20 Watts	600mg/h	50-3,000 gal* 20 ft deep*	Available	Continuous Duty, Air Pump, Internal Fan, Optional Manual Air Dryer Available
No Picture Shown	1,000 P 24V	AC/DC 24V	26 Watts	1,000mg/h	1,000-5,000 gal/ 20 ft deep	Available	Continuous Duty, Air Pump, Air Dryer, Internal Fan, Timer
No Picture Shown	3,000 P 110V	AC/DC 110V		3,000mg/h	3,000- 10,000 gal/ 20 ft deep	Available	Continuous Duty, Air Pump, Air Dryer, Internal Fan, Timer
No Picture Shown	5,000 P 110V	AC/DC 110V		5,000mg/h	10,000+ gal/ 20 ft deep	Available	Continuous Duty, Air Pump, Air Dryer, Internal Fan, Timer
No Picture Shown	Industrial Ozone Generators	110V 240V		1lb.-30lbs. Day	Tanks greater than 10,000 gal	Available	Continuous Duty, Air Pump(s), Air Dryer(s), Internal Fan(s), Timer
	Optional Manual Air Drier		(1) 50lb. can of Air Drier Media Includes Air Drier Indicator	NA	Includes: Air Drier Media, Air Ports for both In & Out		\$99.00
	Solar Kit Option 300 Series		Battery Not Included Can be used on units 300mg or smaller			NA	Includes: Solar Panel, Timer, Regulator, Power Clamps
	Solar Kit Option 600+ Series		Battery Not Included Can be used on 600mg or 1,000mg units			NA	Includes: Solar Panel, Timer, Regulator, Power Clamps
	Timer		Available for 110V Ozone Generators			NA	
	Replacement Check Valve		Most reliable check valve in the industry Recommend: a spare check valve for each unit			NA	All units

*Depending on water quality.

**Shipping charges are not included. All units are shipped with tubing and bubbling stone