



OPERATING MANUAL



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Safety

Please read the following safety guidelines thoroughly before attempting to use your equipment.

- ☐ As with all electric devices, this equipment should never be allowed to come in contact with water.
- ☐ Only qualified personnel should be allowed to set up, maintain, and operate this equipment.
- ☐ 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 of this product.

Voltage: 12 VDC Power: 25 watts Standard US 2 prong plug

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

Thank you for your purchase

Thank you for purchasing the O3Arc Ozone Generator. This unit produces ultra stable and ultra pure ozone concentrations which are ideal for all forms of ozone therapy.

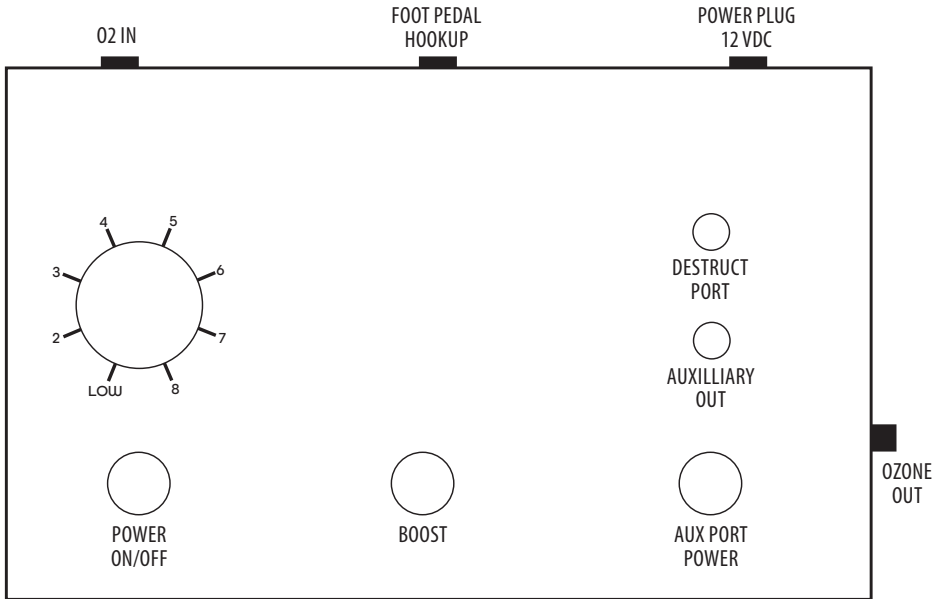
About the O3Arc Ozone Generator

This analog ozone generator includes an AUX port for secondary ozone access and a destruct port. The AUX port can be operated by the AUX power button or a foot switch.

Ultra Pure Ozone

The O3Arc utilizes alumina oxide ceramic as the dielectric to provide contaminate-free ozone. In addition to the ozone cell, high grade Teflon tubing is used to transport the ozone out of the cell. 316 stainless steel fittings help ensure high grade ozone.

This ozone generator cell has been tested for the creation of harmful byproducts and all test results showed nothing but ultra pure ozone.



The Ozone Cell

The O3Arc cells produce stable ozone concentration levels and virtually no heat. This results in a stronger, more efficient ozone production with maximum output and minimum high voltage input. The cells produce very little noise which is a result of efficient ozone production. The lower the noise, the more efficient the ozone generation.

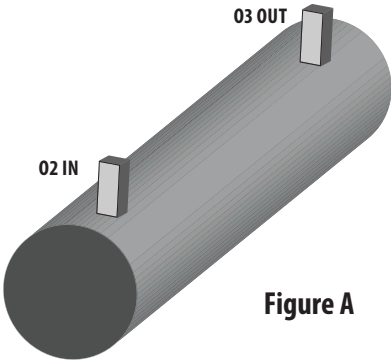


Figure A

Additional Information

Operating conditions: The ozone generator is designed to run with either an oxygen concentrator or an oxygen tank (preferred). Using a pure oxygen source eliminates any contaminants from being produced that may enter or harm the ozone generator. If using a tank, only use a regulator limited to 50 PSI or you risk damaging the ozone cell. **Using an oxygen tank regulator that exceeds 50 PSI will void the warranty.**

Operating Environment: Setup in an area that is free of airborne moisture and particles. 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. For consistent ozone concentrations, please operate at room temperature.

Check Valve: Each ozone generator comes with two ozone check valves. These will last anywhere from 3 to 6 months depending on use. This is designed to keep liquid from entering the ozone generator. **Troubleshooting:** Remove the tubing from your generator. Blow air through the tubing so it enters and exits the check valve. If air is unable to exit the check valve needs to be replaced.

Cooling Fan: The cooling fan is designed to eliminate excess heat from the ozone cell and the electrical components inside the ozone generator. This will help maintain the most stable ozone concentration levels possible. Make sure debris and dust are not present near the fan opening. **Excess debris and dust will void the warranty.**

Power Requirements: The O3Arc offers a standard AC to DC wall transformer which can be used with voltages ranging from 100 to 240 volts. This gives the operator the ability to use it internationally without a step-down transformer. International orders include a plug adapter. Check your country for specifications.

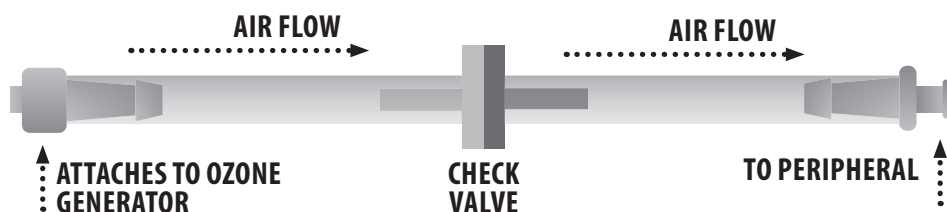
Operating the O3Arc

1

Attaching tubing

The ozone generator has female Luer Lock connectors for the Oxygen In, Ozone Out, and Aux Out ports. These are designed to be used with tubing that has a male Luer lock on one side. Attach the male Luer Lock with tubing attached to the female Luer Lock and turn clockwise. This will lock the tubing in place. To disconnect the tubing, turn the male Luer Lock counter-clockwise.

If you are ozonating water or oil: Promolife provides an ozone check valve with each generator. The check valve should always be used when water or oil is being used, to help prevent backflow issues. Using the ozone generator with water or oil and without the ozone check valve will void the warranty. On new units the check valve comes already attached to your silicone tubing.



2

Turning on your oxygen source

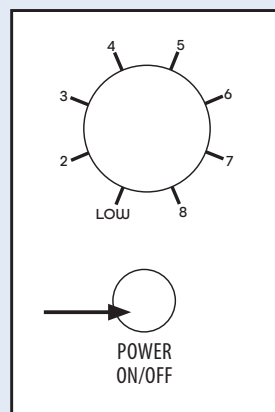
It is important to turn your oxygen source on before the ozone generator. For tanks, turn on the flow for at least 15-30 seconds. For an oxygen concentrator, run the concentrator for five minutes before turning on your generator. Concentrators take several minutes to reach maximum purity levels.

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Using the O3Arc

To power the ozone generator, press the power button located on the left side. The button will illuminate, which activates the first ozone production cell inside the ozone generator.

To adjust the ozone concentration, turn the dial clockwise for a higher output or counterclockwise for a lower output. Reference the included gamma chart for exact concentrations.



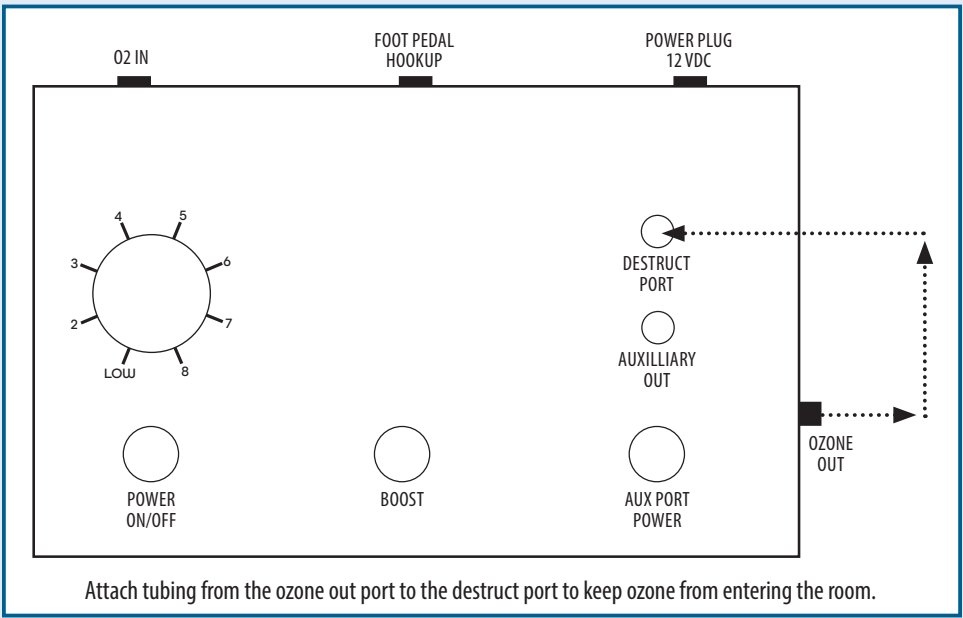
You can use these standard settings for a wide variety of ozone applications. If you want higher concentrations, use Boost mode. For the Auxiliary port, see page 6.

Boost Mode

Pressing the boost mode button activates the second ozone production cell inside the ozone generator so both cells are running. To adjust the ozone concentration, turn the dial clockwise for a higher output or counterclockwise for a lower output. Reference the included gamma chart for exact concentrations.

Destruct Port

The destruct port is designed to eliminate excess ozone by pushing it through the internal ozone destruct. The destruct converts ozone back into oxygen. The connection is a female Luer lock and will attach to any male Luer lock. To sterilize syringe barrels, you can fill the syringe with ozone, attach the syringe to the destruct port, and push the ozone out (see diagram on page 6).

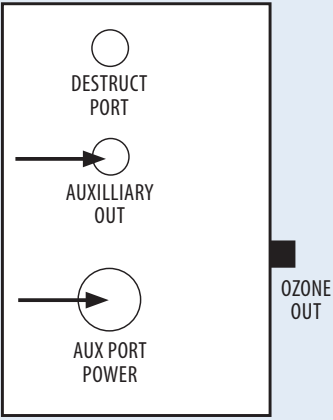


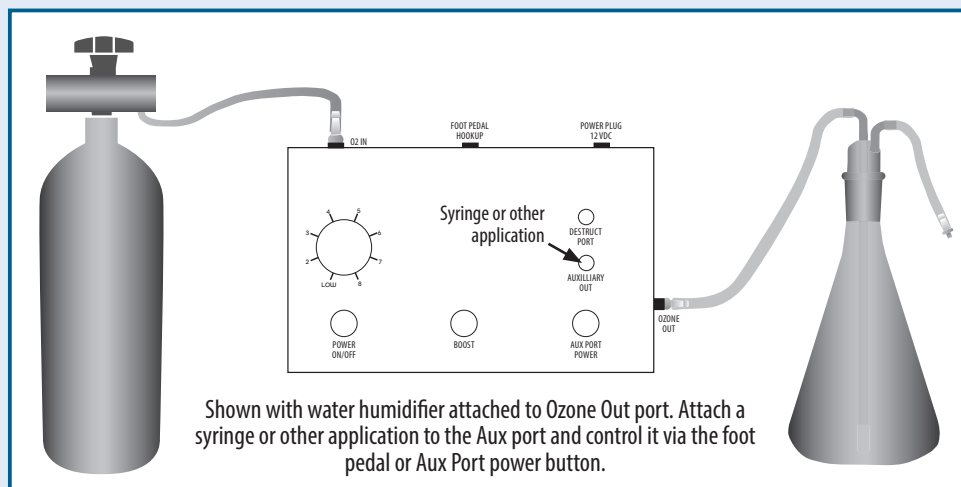
Auxiliary Port

The auxiliary switch is designed to divert ozone gas from the ozone out port to the AUX out port. This is great for starting and stopping the flow of ozone for a variety of applications. The connection is a female Luer lock and will attach to any male Luer lock fitting. You can turn the Aux port off and on using the Aux power button or via the foot pedal.

An ideal use for the Aux port is for simultaenous ozone applications. For instance, you can ozonate water by attaching a water bubbler to the Ozone Out port, then use the Aux port to fill a syringe without unhooking your bubbler.

See the diagram on the next page for more information.





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Turning off your ozone system

After you are done using the O3Arc, turn the ozone generator off first. Wait at least 15 to 30 seconds and then turn off your oxygen source. This will allow the ozone cell and tubing to flush out any remaining ozone, which will increase the lifespan of all the parts.

Unhook all tubing from the ozone generator when not in use.

Warranty

Promolife offers a lifetime warranty on the ozone components and cells and a 2 year warranty on the auxiliary port. The O3Arc ozone generator will 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, or if water or any other liquid material, 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. Download our Warranty/Repair form at <https://www.promolife.com/o3warranty>

Troubleshooting

1. **Ozone generator is turning on, but not producing ozone.** Check to make sure oxygen is flowing through the ozone generator. Detach the tubing attached to the ozone out port and see if you notice any ozone being produced that is exiting from ozone out. If you are unable to diagnose the issue, please contact Promolife.
2. **No ozone flow is exiting the ozone generator.** Check to make sure oxygen is flowing through the ozone generator. Check for any blockages or kinks in the tubing. Remove the ozone check valve. Sometimes this valve can freeze up which may prevent air from passing through the ozone generator. If problem persists, contact Promolife.
3. **Ozone generator is not powering on.** Check to make sure the ozone generator is plugged into a working power outlet. Make sure the small LED light on the power plug is illuminated. If you are unable to diagnose the issue, please contact Promolife.
4. **Switches do not illuminate.** Please contact Promolife.
5. **Ozone production seems lower than normal.** This could be caused by olfactory fatigue. Over time your body will start to smell things differently. Use a rubber band and stretch it over the ozone exit port. If the band breaks in several seconds your unit is producing ozone. There could be humidity or moisture inside your ozone generator. To remedy this, run oxygen through the unit while the unit is power off. Do this for 30 minutes to see if the generator starts to produce ozone again. If you are unable to diagnose the issue, please contact Promolife.
6. **Water or oil has backed-up into the ozone generator.** If oil or water has entered the ozone generator DO NOT POWER ON. Run oxygen through the ozone generator while powered off for 1 hour at above 1 LPM of flow. Most of the time this can clear up the issue. If oil has entered the ozone generator, please contact Promolife. If you are unable to diagnose the issue, please contact Promolife.
7. **I smell ozone coming from inside the ozone generator.** Please contact Promolife.

Ozone Packages Manual

If you have a complete ozone package, you can download our manual using the QR code at right, or visit www.promolife.com/promolife-guides/



Notes

Serial # _____

Date Purchased _____