

Redwood and Redwood Premium Package Instructions and Parts Glossary

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For a digital version, please visit
www.promolife.com/rwguide

EQUIPMENT

O3Elite Single Ozone Generator



A1 (if selected)

O3Arc Ozone Generator



A2 (if selected)

Industrial Oxygen Tank



B

255L optional, included if ordered. 640L included with Premium Package.

Industrial O2 Tank Regulator

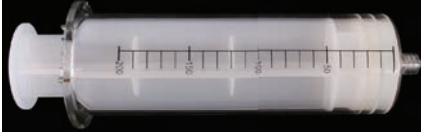


C

If you have trouble getting access to high quality oxygen, we have prefilled tanks available as an option.

ACCESSORIES

200ml Insufflation Syringe



D

Ozone Earscope



E

Water Bubbler/Humidifier



F

Insufflation Bags
(3 in Redwood, 10 in Premium)



G

Ozone Destruct System



H

2" Ozone Cupping Funnel



I

Insufflation Catheters
10 in Redwood, 50 in Premium
Rectal & Vaginal



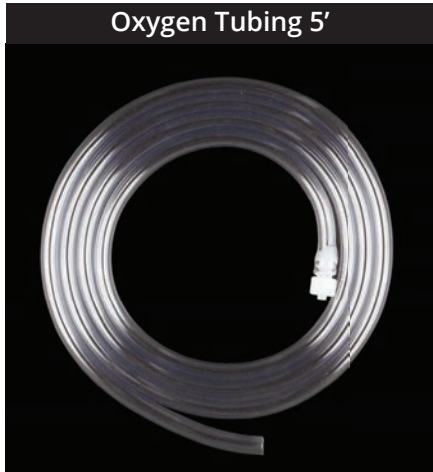
J

Dual Bubbler System
Shown connected with included elbow
joint



R

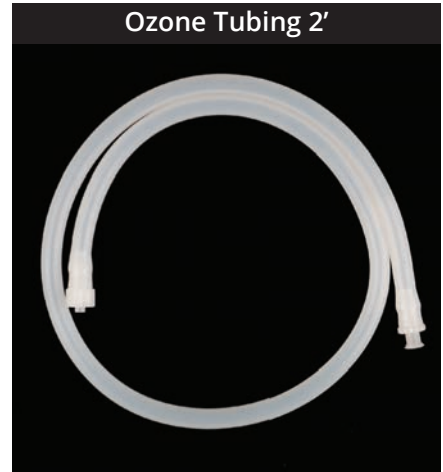
TUBING AND CONNECTORS



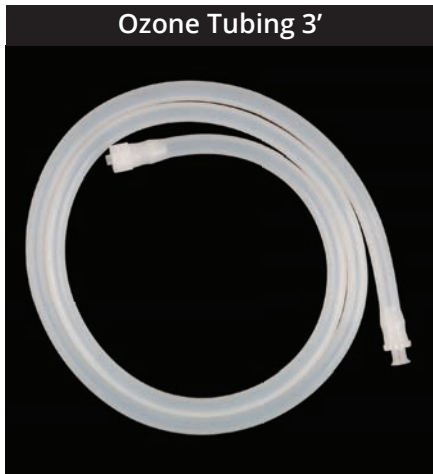
K



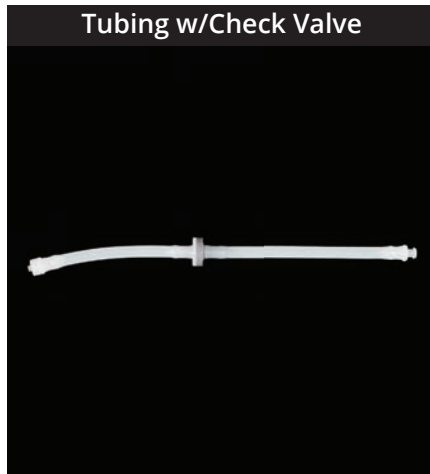
L



M



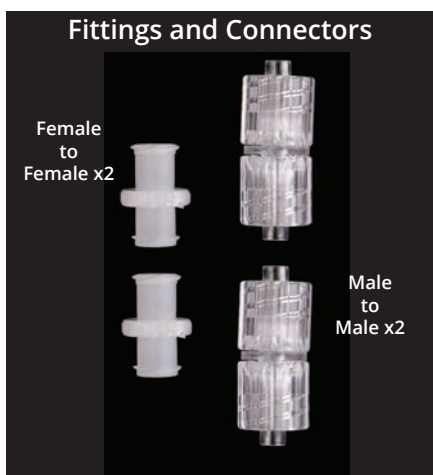
N



O



P (continued on next line)



P (continued)



Q

NOTES

1. Extra Luer Lock Fittings are included in case one needs to be replaced or you need to connect cut pieces of tubing.
2. Female to Female connectors can be used to connect two male Luer Locks together or to connect the insufflation bag to the earscope or the insufflation bag to the cupping funnel.
3. Male to Male connectors can be used to connect two female connectors together.
4. The ozone line filter is included for advanced ozone therapy uses. The filter is intended to be used with a syringe.

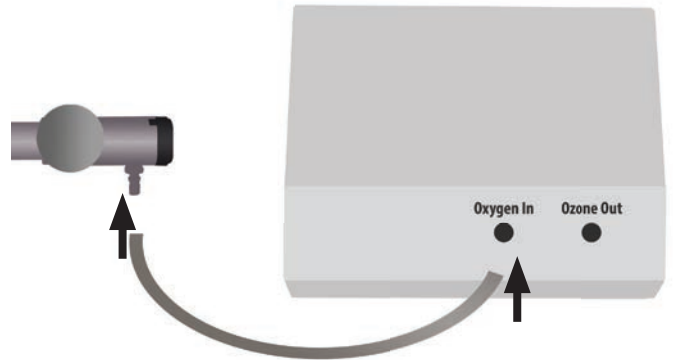
SETTING UP YOUR OXYGEN TANK



Regulator included in both packages. 255L tank included if purchased. 640L tank included with Premium package.

540 Industrial Tank

To connect, it is important to insert the regulator into the valve connection of the cylinder at a perpendicular angle before tightening the nut. You can hand-tighten the nut initially, but the last $\frac{1}{4}$ to $\frac{1}{2}$ turn needs to be wrench-tightened.



To connect a tank to any ozone generator, attach oxygen tubing to the regulator. Then attach other end of the tubing with the Luer lock fitting to the Oxygen In port on your ozone generator. To do this, simply screw the fitting onto the port.

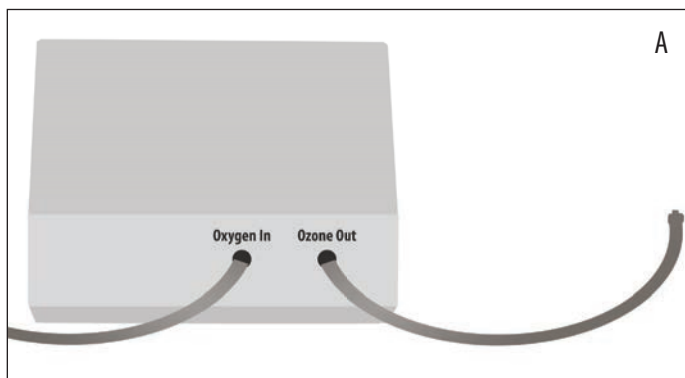
If using an O3Arc, the Oxygen In port is on the left side of the unit.

IMPORTANT instructions to lengthen the life of your regulator:

1. Be sure the regulator is in the "off" position by rotating the knob counterclockwise to the "0" position.
2. For safety, be sure you are not directly in front of or behind the regulator when opening the cylinder valve until you are sure it is fully secured.
3. SLOWLY turn the cylinder valve on (counterclockwise) about one full turn.
4. If you can hear a hissing sound, there is a leak in the system. Turn the cylinder off and turn the regulator on to relieve any built-up pressure. Try tightening the regulator to the cylinder and opening the cylinder again. If this is an industrial (540) regulator, it is important to note that it does need to be wrench-tightened. If this does not help, shut the system down again and contact a service representative. NEVER attempt to repair a regulator or cylinder yourself.
5. Adjust the flow rate setting by turning the knob clockwise until the desired setting shows through the window on the regulator.
6. To turn off the system, close the cylinder valve, and wait for the oxygen to flow out of the regulator. At this point you should begin to see the gauge on the regulator decrease. To expedite this process, you can set the regulator to a whole number. Once the gauge has decreased, set the regulator dial back to "0".
7. NEVER try to remove the regulator unless the cylinder is off and pressure has been released.
8. If the cylinder pressure falls below 300 PSI, you should exchange the cylinder for a full one.

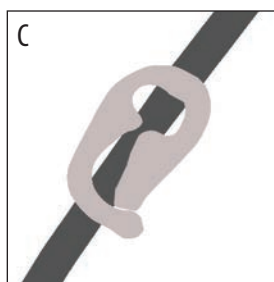
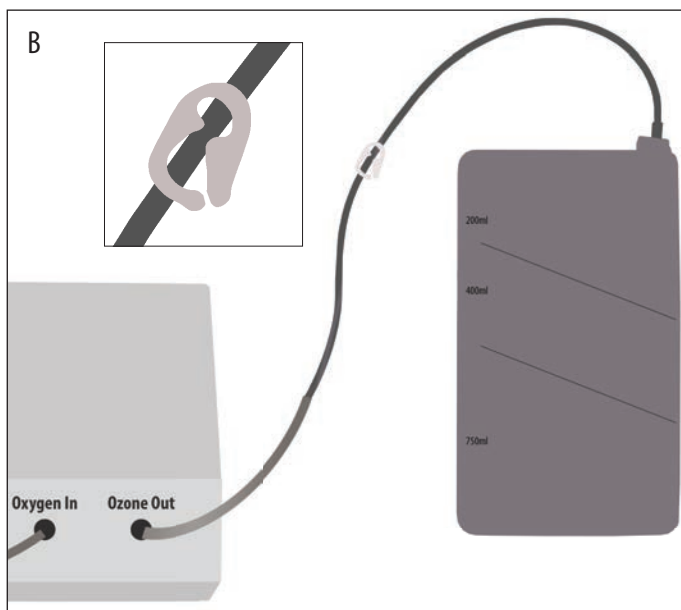
HOW TO USE THE INSUFFLATION BAG WITH NON-HUMIDIFIED OZONE

Before you start, make sure you have your oxygen source hooked up properly (see page 4). Make sure to familiarize yourself with the tubing and connectors (see page 3).

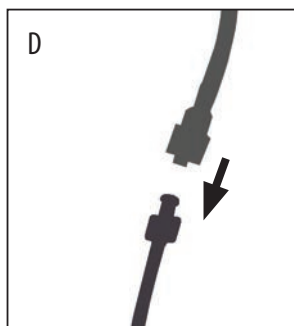


A: Attach the 3-foot segment of ozone tubing (N) to the Ozone Out of the ozone generator as shown above. You can now turn on the oxygen tank and regulator.

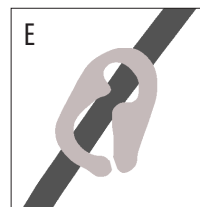
B: **Turn on your ozone generator** to the appropriate concentration (ex. oxygen flow 1/8LPM, ozone set to 4). Attach the insufflation bag (G) to the end of the 3-foot segment of ozone tubing. Make sure the clamp on the bag is in the open position (see figure B).



C: Once the bag is filled to the desired amount, disconnect from the ozone tubing and clamp the tubing as shown above. Make sure to turn off your ozone generator. If you won't be creating more ozone, turn off your oxygen tank as well.



D: Attach the catheter (J) to the insufflation bag.



E: Once the catheter is inserted rectally or vaginally, unclamp the tubing and begin your insufflation by slowly pushing on the bag.

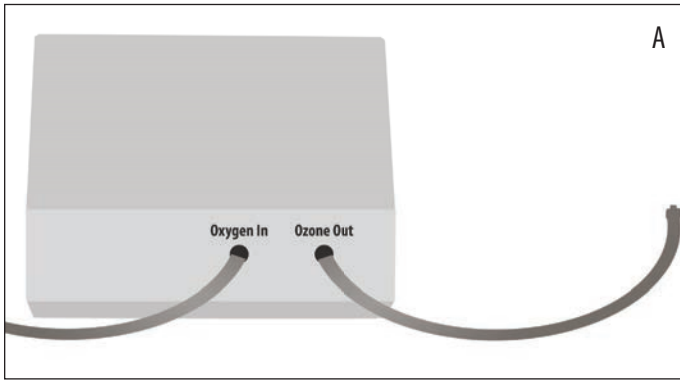
Note: Once you have completed your insufflation, try to hold the ozone gas for five minutes. If you are doing a vaginal insufflation this way there is no need to hold the gas.

Note: If you plan to reuse the ozone catheter it is recommended to clean the ozone catheter. Simply rinse with soap and water and then use hydrogen peroxide to sterilize.

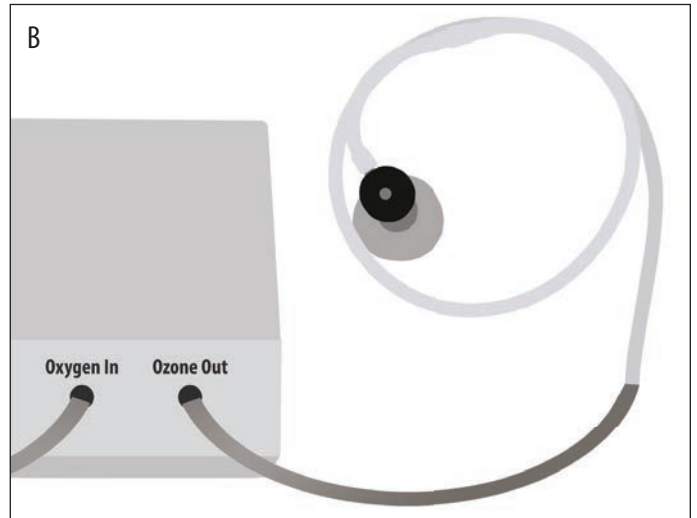
For a visual on how to do this, please watch our video on YouTube titled "A Visual Guide to Rectal Insufflation."

HOW TO USE THE OZONE CUPPING FUNNEL WITH NON-HUMIDIFIED OZONE

Before you start, make sure you have your oxygen source hooked up properly (see page 4). Make sure to familiarize yourself with the tubing and connectors (see page 3).



A: Attach the 5-foot segment of ozone tubing (L) to the Ozone Out of the ozone generator as shown above. You can now turn on the oxygen tank and regulator. (Tubing not shown to scale)

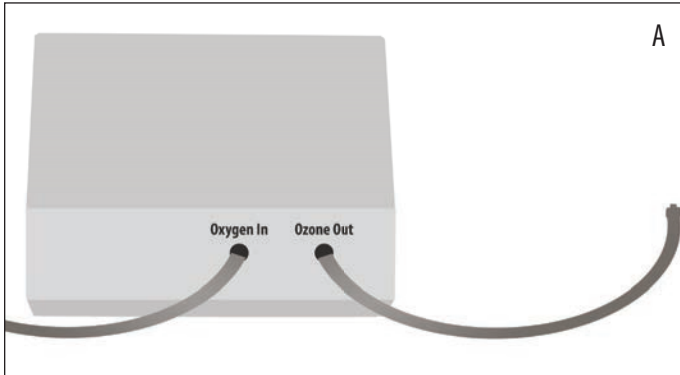


B: Attach the ozone cupping funnel (I) to the end of the 5-foot segment of tubing as shown. Turn on your ozone generator to the appropriate concentration (ex. oxygen flow 1/8LPM, ozone set to 4). You can now use the ozone cupping funnel. Average time is 5 to 10 minutes.

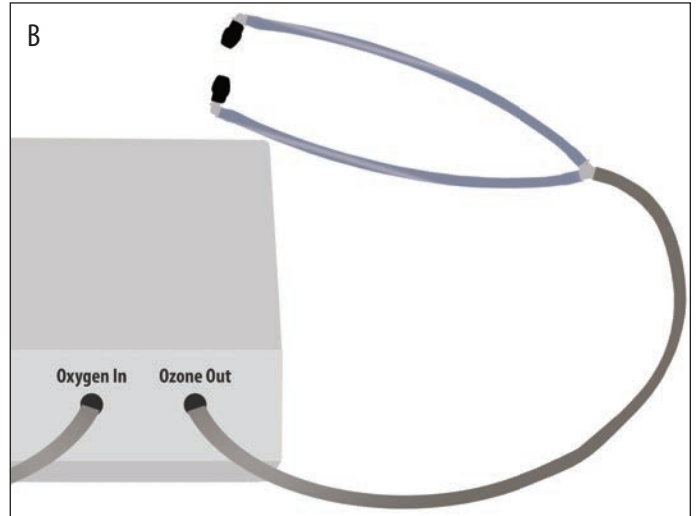
HOW TO USE THE OZONE EARSCOPE WITH NON-HUMIDIFIED OZONE

Before you start, make sure you have your oxygen source hooked up properly (see page 4). Make sure to familiarize yourself with the tubing and connectors (see page 3).

OPTION ONE

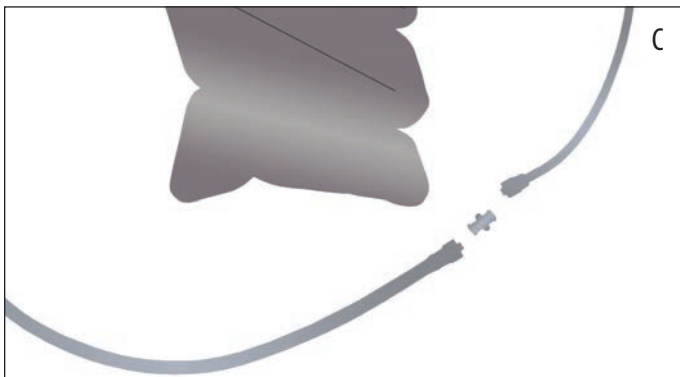


A: Attach the 5-foot segment of ozone tubing (L) to the Ozone Out of the ozone generator as shown above. You can now turn on the oxygen tank and regulator. (Tubing not shown to scale)



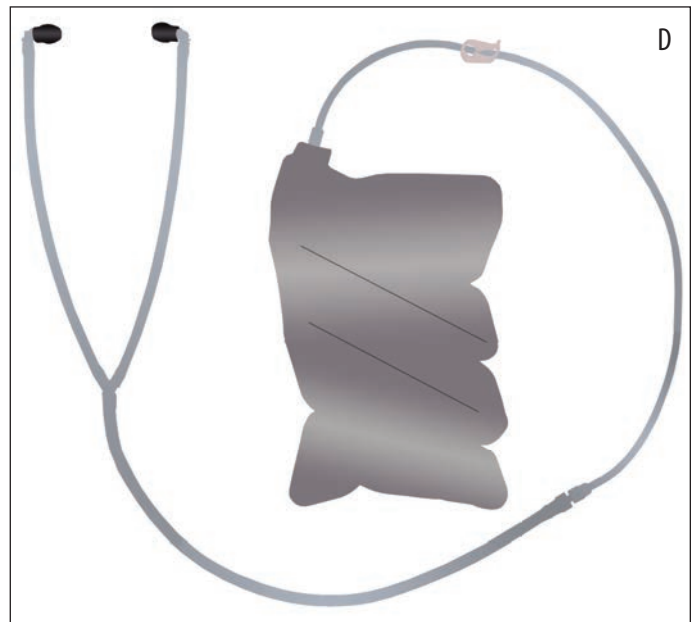
B: Attach the ozone earscope (E) to the end of the 5-foot segment of tubing as shown. Turn on your ozone generator to the appropriate concentration (ex. oxygen flow 1/8LPM, ozone set to 4). You can now perform an ear insufflation. Average time is 5 minutes.

OPTION TWO



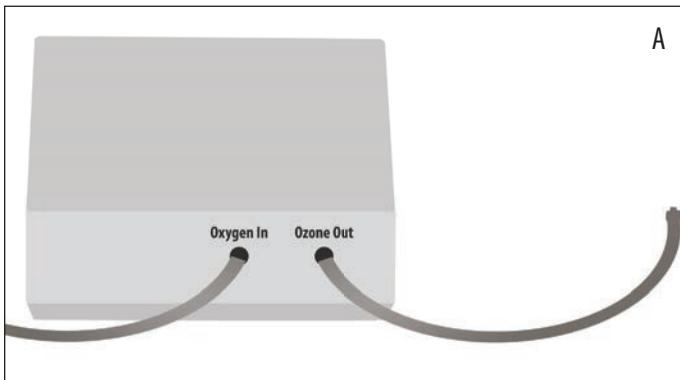
C: Follow the steps for filling the insufflation bag as shown on page 5. Once the bag is filled and disconnected from the ozone generator, you will use the female to female Luer connector (P) to attach the earscope to the bag as shown in the two photos above.

You can now begin an ear insufflation. Average time is 5 minutes.

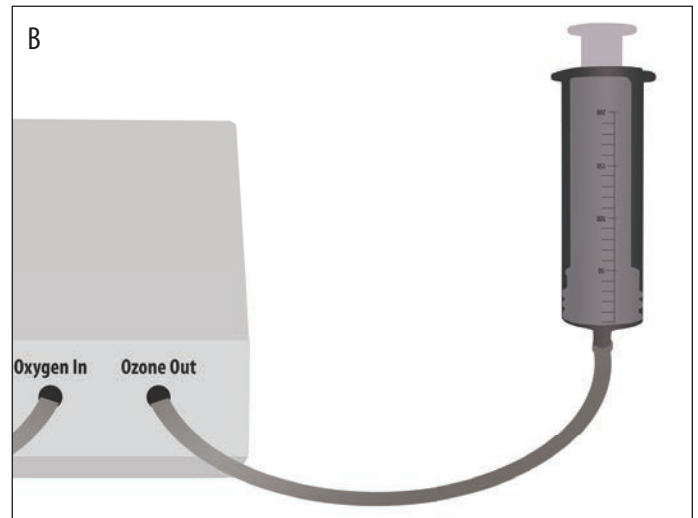


HOW TO USE THE INSUFFLATION SYRINGE WITH NON-HUMIDIFIED OZONE

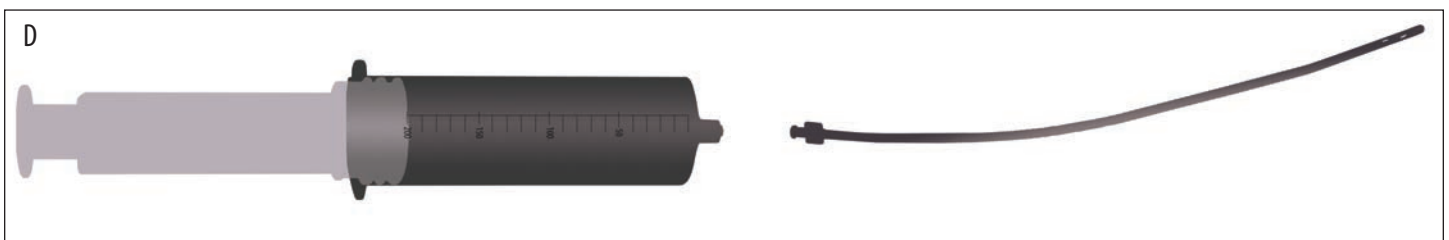
Before you start, make sure you have your oxygen source hooked up properly (see page 4). Make sure to familiarize yourself with the tubing and connectors (see page 3).



A: Attach the 3-foot segment of ozone tubing (N) to the Ozone Out of the ozone generator as shown above. You can now turn on the oxygen tank and regulator.



B: **Turn on the ozone generator** to the appropriate concentration (ex. oxygen flow 1/8LPM, ozone set to 4). Attach the ozone syringe (D) to the end of the 3-foot segment of tubing. **Make sure the syringe is lightly lubricated** with coconut or a similar oil so it will fill easily.



C: Once the syringe is filled to the desired amount, disconnect from the ozone tubing and hold the syringe vertically so ozone will not escape. Turn off the ozone generator. If you will not be using more ozone, turn off the oxygen tank as well.

D: Attach the catheter (J) to the ozone syringe. You can now insert the catheter rectally or vaginally and begin your insufflation by slowly depressing the plunger on the syringe.

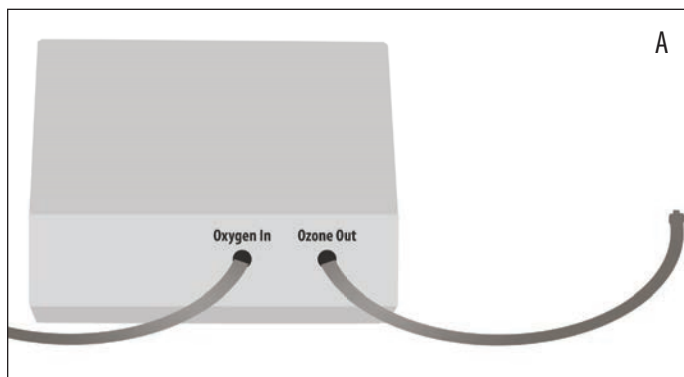
Note: Once you have completed your insufflation, try to hold the ozone gas for five minutes. If you are doing a vaginal insufflation this way there is no need to hold the gas.

Note: If you plan to reuse the ozone catheter it is recommended to clean the ozone catheter. Simply rinse with soap and water and then use hydrogen peroxide to sterilize.

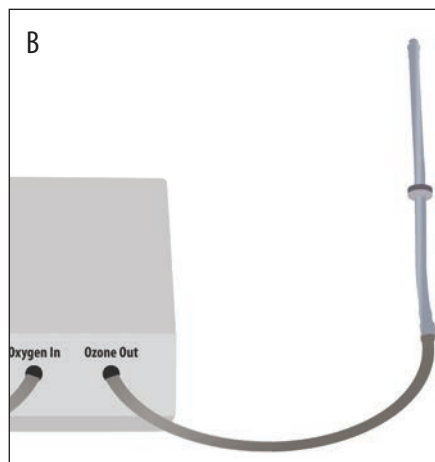
For a visual on how to do this, please watch our video on YouTube titled "A Visual Guide to Rectal Insufflation."

HOW TO SETUP THE WATER BUBBLER/ HUMIDIFIER COMBO

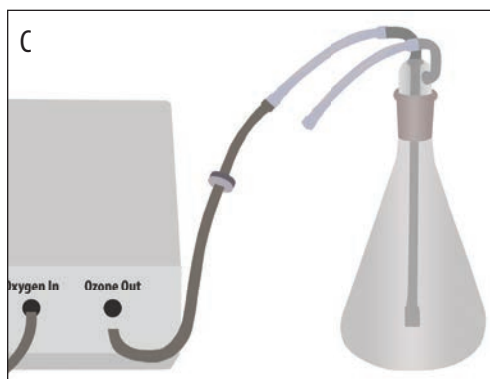
This will allow you to make ozonated water or humidify ozone. Before you start, make sure you have your oxygen source hooked up properly (see page 4). Make sure to familiarize yourself with the tubing and connectors (see page 3).



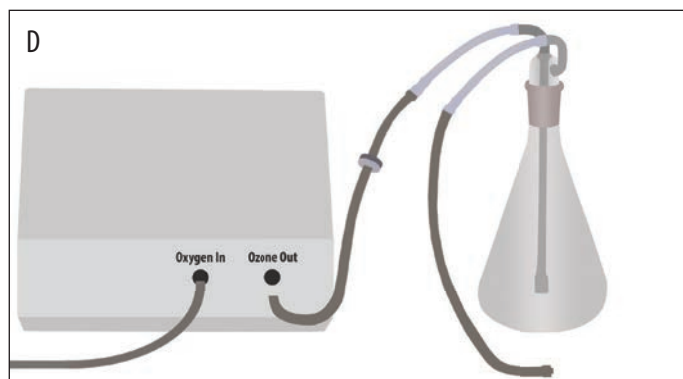
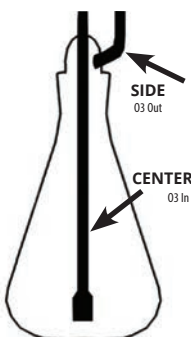
A: Attach the 3-foot segment of ozone tubing (N) to the Ozone Out of the ozone generator as shown above.



B: Attach the tubing with check valve (O) to the end of the 3-foot segment of tubing.



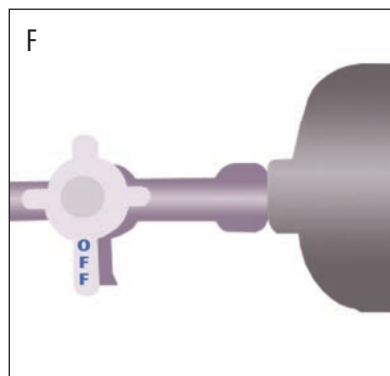
C: Fill the bubbler with the desired amount of water. Connect the end of the check valve to the CENTER straw on the water bubbler (the straw that goes all the way into the water).



D: Attach the 2-foot segment of ozone tubing (M) to the SIDE straw of the water bubbler.



E: Connect the other end of tubing (M) to the base of the ozone destruct system (H).



F: Make sure the Off valve on the ozone destruct system is pointed toward the side port as shown.

*** Distilled water is recommended.**

You can now turn on your oxygen and ozone. You will notice the ozone is diffusing into the water and as long as the OFF is pointed toward the side you will not smell ozone. Allow the water to saturate for several minutes before using ozone accessories.

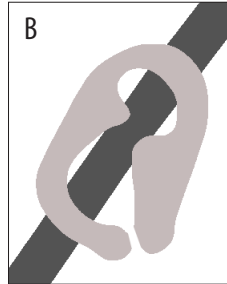
If you want to make ozonated water, we recommend bubbling the ozone at 1/8LPM for 10 to 20 minutes.

HOW TO USE THE INSUFFLATION BAG WITH HUMIDIFIED OZONE

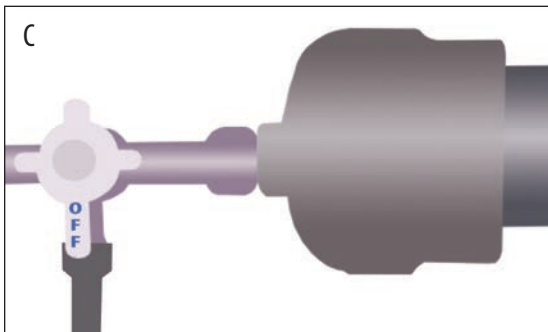
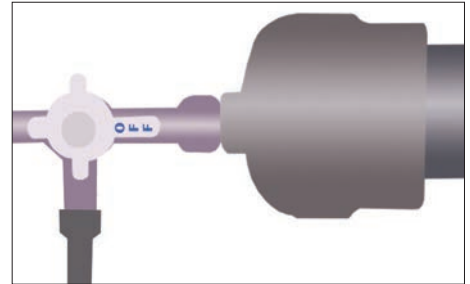


A: When you are ready to fill your insufflation bag, attach the bag (G) to the side port of the ozone destruct system.

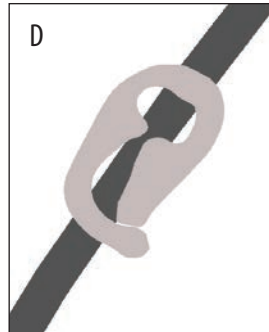
Make sure to follow the steps to set up the water bubbler/humidifier combo on page 9. It's best to allow the water to saturate for several minutes before filling the insufflation bag.



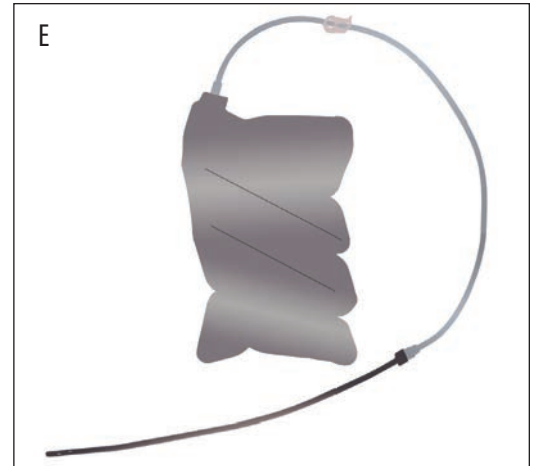
B: Make sure the tubing is not clamped. Set your oxygen flow rate and ozone concentration to the desired output. Turn the valve on the ozone destruct system as shown to fill the bag.



C: When the bag is filled to the desired amount, turn the OFF valve back toward the side port as shown.



D: You will then want to clamp the tubing on the insufflation bag.



E: Remove the insufflation bag and attach the catheter (J). Once the catheter is inserted rectally or vaginally, unclamp the tubing and begin your insufflation by slowly pushing on the bag.

Note: Once you have completed your insufflation, try to hold the ozone gas for five minutes. If you are doing a vaginal insufflation this way there is no need to hold the gas.

Note: If you plan to reuse the ozone catheter it is recommended to clean the ozone catheter. Simply rinse with soap and water and then use hydrogen peroxide to sterilize.

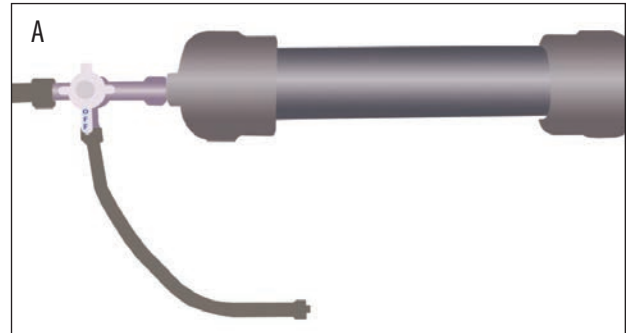
For a visual on how to do this, please watch our video on YouTube titled "A Visual Guide to Rectal Insufflation."

HOW TO USE THE OZONE EARSCOPE WITH HUMIDIFIED OZONE

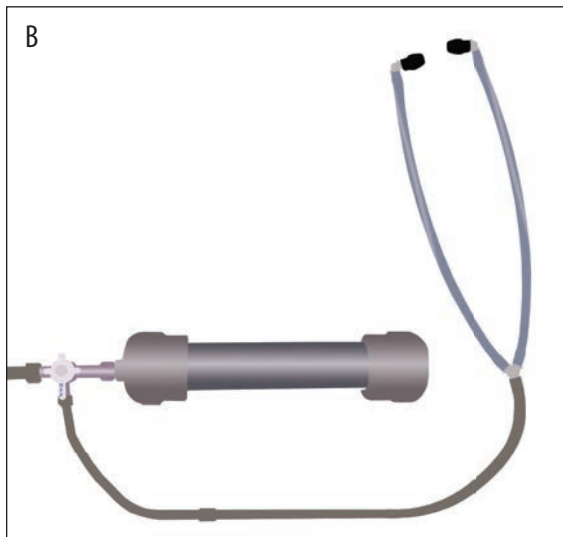


Complete setup shown above.

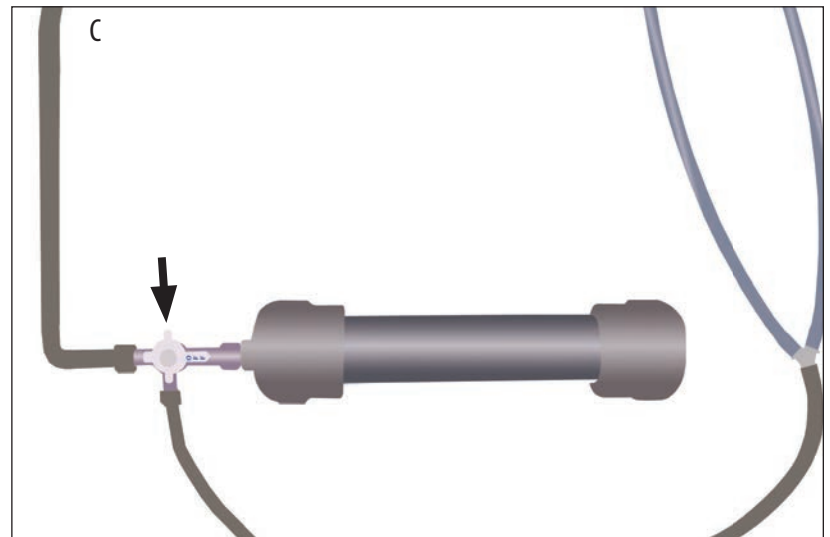
Make sure to follow the steps to set up the water bubbler/humidifier combo on page 9. **It's best to allow the water to saturate for several minutes before using the earscope.**



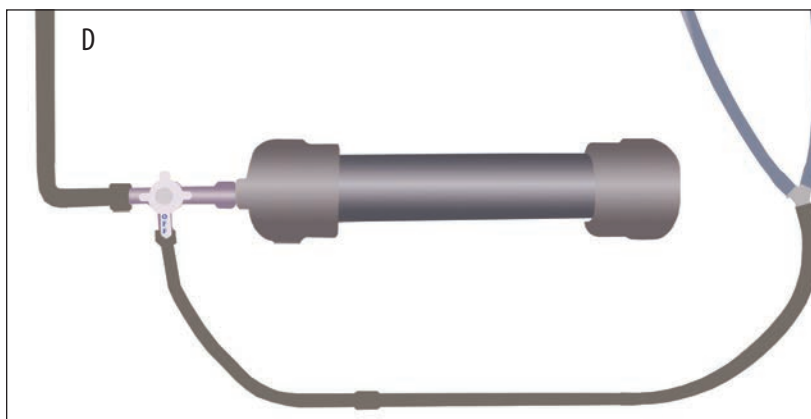
A: Attach the 5-foot segment of tubing (L) to the side port of the ozone destruct system (not shown to scale).



B: Attach the earscope to the other end of the 5-foot segment of tubing.



C: When you are ready, put the earscope up to your ears and turn the OFF valve on the ozone destruct as shown.



D: When you are done, turn the OFF valve toward the side port of the ozone destruct system.

Make sure you turn off your ozone and oxygen when you are done using them.

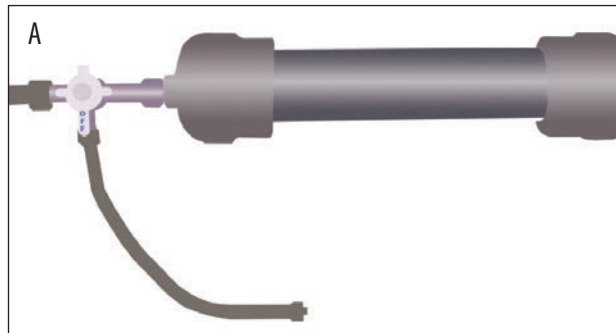
Note: An average ozone and oxygen setting for ear insufflations is 1/8LPM with the ozone dial set to 4. Average time is 5 minutes.

HOW TO USE THE OZONE CUPPING FUNNEL WITH HUMIDIFIED OZONE

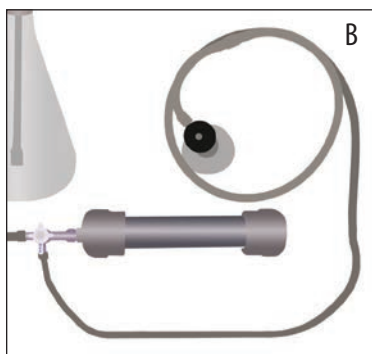


Complete setup shown above.

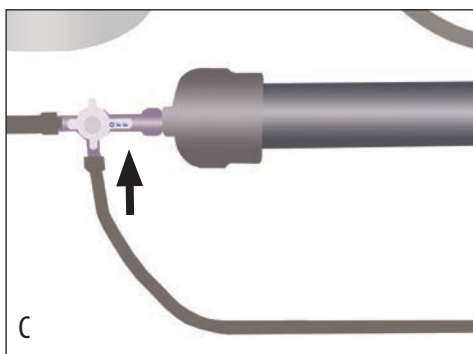
Make sure to follow the steps to set up the water bubbler/humidifier combo on page 9. **It's best to allow the water to saturate for several minutes before using the cup.**



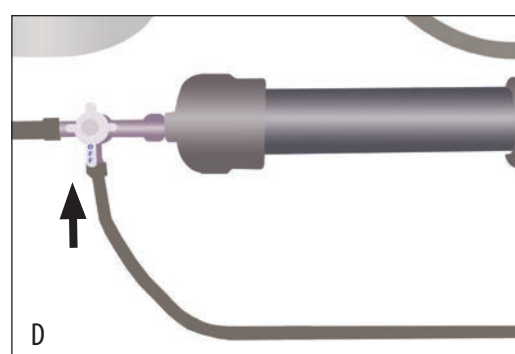
A: Attach the 5-foot segment of tubing (L) to the side port of the ozone destruct system (not shown to scale).



B: Attach the ozone cup (I) to the other end of the 5-foot segment of tubing.



C: When you are ready to use the cupping funnel, turn the OFF valve toward the ozone destruct system as shown above.

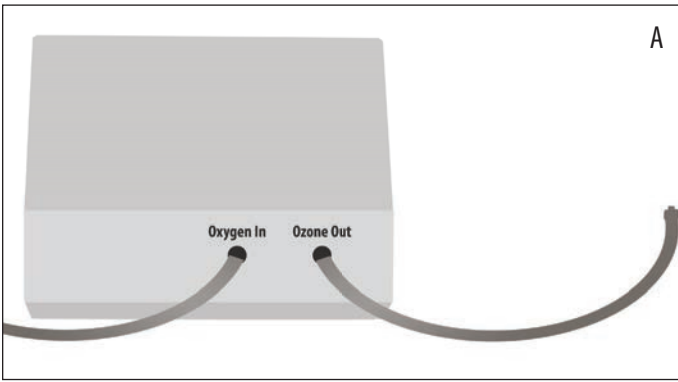


D: When you are done, turn the OFF valve toward the side port of the ozone destruct system.

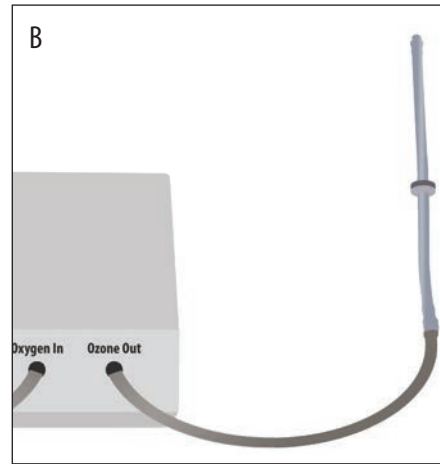
Make sure you turn off your ozone and oxygen when you are done using them.

Note: An average ozone and oxygen setting for ear insufflations is 1/8LPM with the ozone dial set to 4. Average time is 5 to 10 minutes.

HOW TO BREATHE OZONE BUBBLED THROUGH OIL

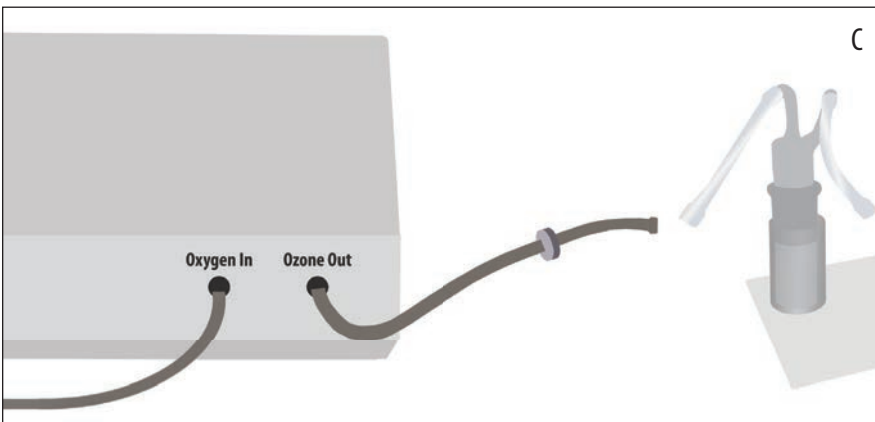


A: Attach the 5-foot segment of ozone tubing (L) to the Ozone Out of the ozone generator as shown above. You can now turn on the oxygen tank and regulator. (Tubing not shown to scale)

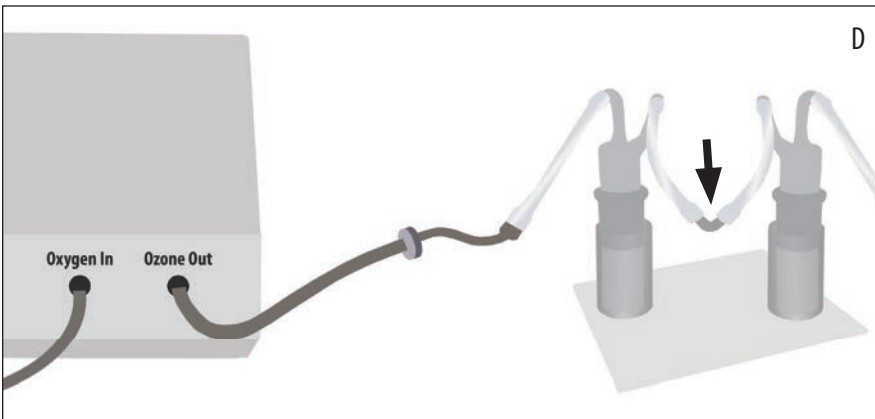


B: Attach the tubing with check valve (O) to the end of the 3-foot segment of tubing.

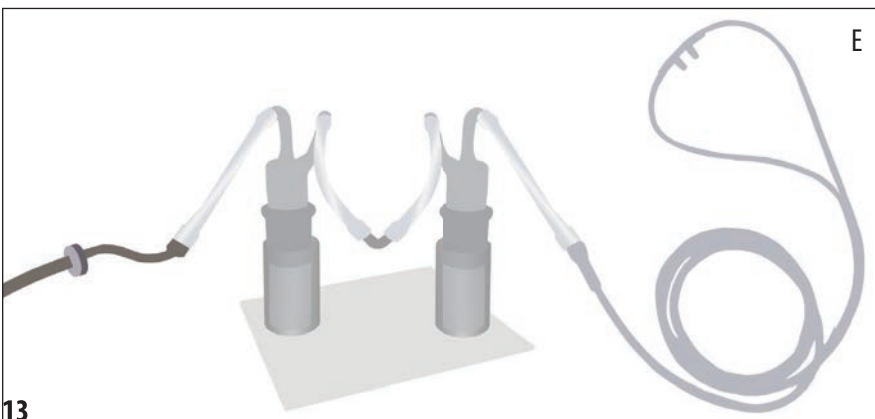
For the next step, place the oil trap (the one with the shorter straw) into the left side of the trap base, and the oil bubbler (the one with the longer straw) into the right hand side of the base (R).



C: Connect tubing with check valve to the left hand straw of the oil trap. This is the straw that goes down into the jar.



D: Connect the inner straws using the included elbow joint (shown below).



E: Connect the nasal cannula to the oil bubbler.

HOW TO ADJUST YOUR OZONE CONCENTRATION USING O3ELITE SINGLE

For O3Arc, see next page. The ozone gamma chart below is an example. Your ozone generator and oxygen regulator are calibrated with each other. **For precise numbers for your specific setup, consult the custom gamma chart that came with your ozone generator.**

Oxygen LPM	Ozone Generator Dial Setting							
	1	2	3	4	5	6	7	8
1/2	6	9	13	17	19	20	21	22
1/4	12	16	24	29	33	36	37	38
1/8	25	35	45	53	58	60	61	63
1/16	31	39	54	61	67	71	73	75

Oxygen Regulator



O3Elite Dial



To set your ozone concentration, look up the desired output on your custom chart. Using the Oxygen LPM column on the left, turn the dial on your oxygen regulator to the proper setting (1/2, 1/4, 1/8, etc). Using the Ozone Generator Dial Setting options, adjust the dial on your ozone generator to the proper setting.

Example: In the chart above, to obtain 53 gamma of ozone output, you would set your oxygen regulator to 1/8 LPM and your ozone dial to 4. Use the custom gamma chart provided with your generator for outputs that match your calibration.

HOW TO ADJUST YOUR OZONE CONCENTRATION USING O3ARC

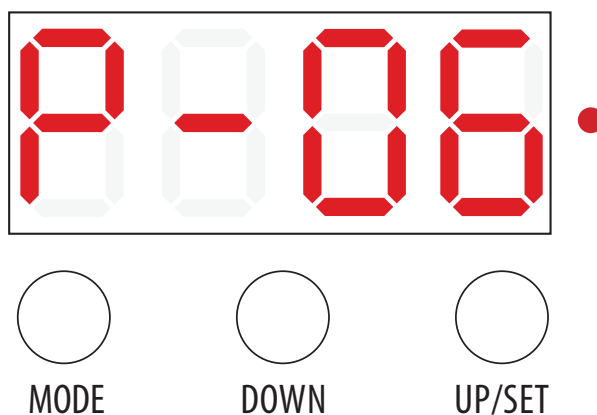
The ozone gamma chart below is an example. Your ozone generator and oxygen regulator are calibrated with each other. **For precise numbers for your specific setup, consult the custom gamma chart that came with your ozone generator.**

Oxygen (LPM)	Power Mode									
	1	2	3	4	5	6	7	8	9	10
1	7	8	9	11	12	13	14	15	16	17
3/4	9	11	13	15	16	17	18	20	21	23
1/2	14	17	20	22	24	26	27	29	30	32
1/4	25	30	34	39	42	45	48	51	53	56
1/8	41	47	52	56	60	63	66	69	70	73
1/16	57	64	68	73	77	79	81	83	85	88

Oxygen Regulator



O3Arc Display



To set your ozone concentration, look up the desired output on your custom chart. Using the Oxygen LPM column on the left, turn the dial on your oxygen regulator to the proper setting (1/2, 1/4, 1/8, etc). Using the Ozone Generator Power Mode Setting options, adjust the power setting on your ozone generator. See your O3Arc Manual for more specific information.

Example: In the chart above, to obtain 60 gamma of ozone output, you would set your oxygen regulator to 1/8 LPM and your power setting to 5. Use the custom gamma chart provided with your generator for outputs that match your calibration.