



User's Guide

Air & Water Ozonator

AWO-0.3

What Is Ozone?

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What is Ozone?

O₃ (Ozone) is a completely natural, colorless gas with distinct, fresh odor of fresh, clean, spring rain smell. Ozone occurs quite readily in nature after lightning strikes during thunderstorms.

Ozone is a most powerful sterilizing and disinfecting substance in nature, however has very short life and decomposes back to oxygen in 15-20 minutes.

Ozone is soluble in cold water, decomposing within few hours to 1-2 days. Ozonated water is used mainly for surface disinfections.

Ozone is 5 times more potent than Chlorine in destroying germs, bacteria, and viruses, but unlike Chlorine Ozone leaves no residue.

Ozone kills viruses and bacteria by oxidizing and decomposing its outer membrane. Ozone in air oxidizes organic gaseous compounds to basic gases and removing the smells and odors of contaminated air.



1. PRODUCT INTRODUCTION & PRINCIPLE

This Multi-functional Ozonator designed for personal or household use. Ozonator produces safe amount of ozone for home/car air disinfection and odor removal.

There are TWO basic ways to use Ozonator:

1. To introduce ozone into cold water.
2. To introduce ozone into the air.



USA Food and Drug Administration approved use of Ozone for disinfecting purposes to kill bacteria, fungus, and other pathogens. Ozone kills >99% of Coliform and 99.9% of Staphylococcus Aureus on the surface of objects within 2 min.

In the air Ozone oxidizes smoke, dust & pollen and makes it less potent for producing human allergy reaction.

Dr. O Solution AWO-0.3 is a lightweight, portable unit that can assist you throughout the house or in your car (12V car power adapter is required). AWO-0.3 uses uniquely designed Quartz Glass Plasma Generator most effective in its class with a life a of 10 000 hours of operation.

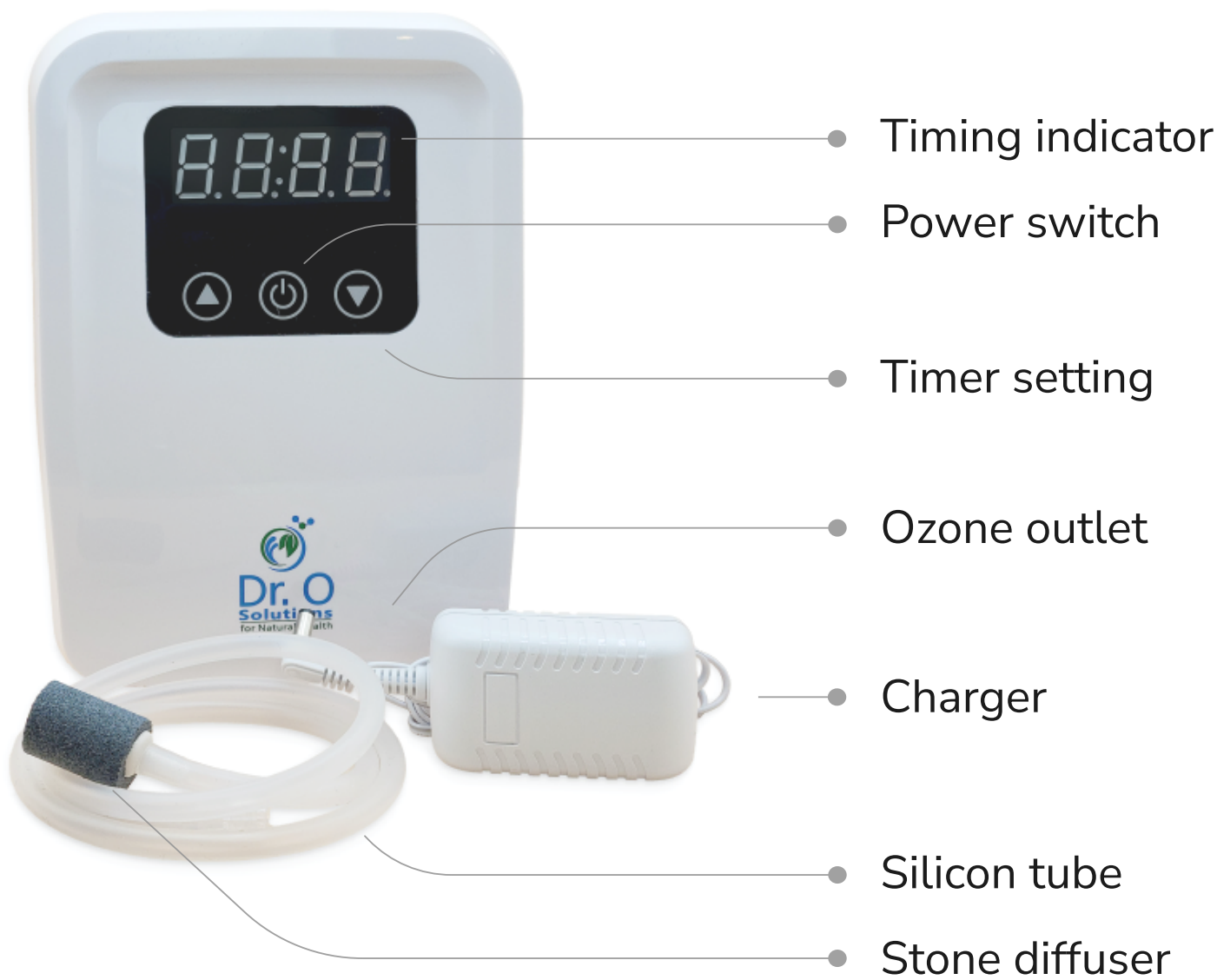


Dr. O Solutions AWO-0.3 is equipped with Luer lock ozone line disconnect that allows unit quickly be switched between Air or Water Ozonating Mode.

2. PRODUCT PARAMETER:

Technical specification table AWO-0.3-D

Model	Multi-functional Ozone Purifier (AWO-0.3)
Electrical	Input: AC100-240V, 50/60Hz Output: DC 12V, <12W
Ozone Output	300 mg/H at 2.5L/min dry air (RH 30%) 230 mg/H at 2.8L/min ambient air of RH85%
Operate Temperature	0~60 °C
Product Dimension	223 x 162.5 x 54.5 mm
Net Weight	0.96 Kg
Accessories	Power adaptor, Silicon tube, Luer Male-Female, Coupling Connectors, Stone diffuser, User manual, Mounting Hardware.



3. MOST POPULAR OZONATED AIR AND WATER USE



Washing meat and fish in ozonating water will substantially increase a shelf life.

Washing fruits and veggie in ozonated water will effectively kill bacteria (E-Coli and etc) and oxidize pesticide surface residue. Simply fill your sink or large bowl with water, drop the diffuser 2-4" into the water and ozonate for 10-15 minutes. Veggies and fruits may be dropped into the water before or after ozonation.

Ozonated water will effectively disinfect your kitchen sink and dish sponge and removes a "sink order".



Ozone is one of the most effective sanitizers on the planet (second only to fluoride) This makes it a perfect method for gargling, cleaning toothbrush bristles, or cleaning dentures.

Ozonator is easy to wall-mount in closets and other rooms in your home. Freshen up a small space, such as closet or bathroom.



4. OPERATING INSTRUCTION

1. Remove the package and make sure all components are present.
2. Select a location on a wall which kids could not reach, but within 1 meter from power outlet. If use in the car, locate it on the back seat, and make sure the ozone outlet is towards the air only; If use in the kitchen, make it slightly higher than the water faucet.
3. Connect the power cable to the power inlet at the back side. Tidy up the cables with the cable slots in ozonator, and then plug it to power outlet. A make a sound and the LED panel will have 4 points light ON to show the main power is connected.
4. When introducing ozone to the water, connect the silicon tubing with stone and Male Luer Connector to Female Luer connector at the end of the short silicone tube. Place other end of silicone tube with stone diffuser into the water.
5. There are **TWO PROGRAMING** options:

Mode A - single use programmed period (this mode is used mostly for batch water ozonation for disinfecting and washing purposes. It can be usedas well for removing the air odor),

Mode B - duty-cycle working mode (This mode mostly used for ozonating water in stationary containers, such as aquariums, or small room or closet smell-ordour removal).

Mode A. BASIC - On demand timed (Air or Water Ozonating mode)

Manual setting	Diagram	Actual Picture	Description
1. Plug product to power outlet			Four points ON
2. Press the to enter Mode A			00:00
3. Press to start setting. The 4 digitals start flashing, then press to increase the working time. 5 min for every press, up to 30 min. Press to decrease the working time. 1 min for every press, down to 0 min.			MM:00

6. After using a stone diffuser, clean it and let it dry till next use.

5. OTHER USEFULL APPLICATIONS:

Air Ozonation — for Living Room / Kitchen, Toilet, Office, Car

Water Ozonation — for Fish / Meat, Vegetables, Utensils, Ozonated Water

	APPLICTIONS	FUNCTIONS	OPERATION	NOTICE
AIR OZONATION	Room space sterilization such as bedroom, kitchen, toilet, office, smoking room	Kill bacteria, remove bad smells, remove harmful gas	Just deliver ozone to air directly for 15 min for each 10 m2, or a little longer time if in need	Keep the window and door closed, animals and human being should not stay till product stop working for 30 min
	Car sterilization	Kill bacteria, remove bad smells, remove harmful gas	Deliver ozone to the air directly for 5 min. The timing can be set up a little longer for actual need	Keep the window and door closed. User should not stay in during generating ozone.
	Pet house sterilization	Kill bacteria, remove odors	Deliver ozone to pet house for 5 min. The timing can be set up a little longer based on requests	The best is to move the pets outside, and then close the window and door to sterilize it
WATER OZONATION	Wash fruits, vegetables, meats, sea foods, etc.	Remove pesticides on fruit and vegetables, remove hormone residues in meat and seafood. Kill bacteria and keeps food longer	Wash the foods, cut to small pieces, then soak into water inside a container; introduce ozone 10-30 min to this water tank via the stone diffuser	Do not use water tank in aluminium or cheap iron material

APPLICTIONS	FUNCTIONS	OPERATION	NOTICE
Utensils, tableware, etc. sterilization	Virus removal and detoxification, assure safe and healthy	After cleaning the tableware, etc., soak them into water, introduce ozone to the water bottom for 10-20 min	Not for tableware that made in aluminium or cheap iron material
Children toys, children supplles sterilization	Virus removal and detoxification, assure safe and healthy	Soak them into water, introduce ozone to the water bottom for 10-20 min	Do not not use hot water or >35°C
Wash face, rinse the mouth, wash toothbrush	Kill bacteria for skin care, alleviate aging, keep mouth clean, prevent bad breath	Ozonate the water for 10 minutes and then use it	Do not use water container that made in Aluminium or cheap iron material
Underwear detoxification	Kill virus and detoxify the comodity, keep sanitary and healthy	After wash it, soak it into water, introduce ozone to it for 10-20 min	Not for bad textile with noisy colors. Ozone will remove this colors
Athlete's foot treatment	Kill virus and detoxify the comodity, keep sanitary and healthy	Ozonate the cold water for 20 min and then dip feet into this water for 10-20 min	Do not not use hot water; keep ozone generating if treatment is at the open air space
Home aquarium use	Virus removal and detoxification. Also break the impurity substance, increase the oxygen density in water, thus reduce the water change frequency	Connect the ozone to the air intake of protein skimmer, or introduce ozone to the water tank via stone diffuser directly. Suggest <10 minutes working per day for 100L tank	Working time can be longer for bigger tank. When using duty-cycling working mode, avoid sleeping time too short

6. CAUTION, READ THIS BEFORE OPERATING

- ⚠ Read the User's Manual carefully before operating.
- ⚠ Mount the unit to the wall at a position which kids could not touch.
- ⚠ Do not let any water goes into the unit.
- ⚠ Use the adaptor which comes with the product only. If for use in the car, use only 12V DC power to drive the product.
- ⚠ Do not stay in the car when the product is delivering ozone.
- ⚠ Make sure your eyes and nose are far away from the ozone outlet when unit produces an ozone.
- ⚠ Use the new silicone hose and stone diffuser attached when introducing ozone to water.
- ⚠ Disconnect ALL power before maintenances.
- ⚠ Make sure the air inlet at the back side and other ventilation holes are unimpeded.
- ⚠ Do not insert any metal objects into the unit.
- ⚠ Use a soft cloth wet with water. Do not clean this appliance with harsh chemicals, abrasives or cleansers.

7. GUARANTEE

This product warranty period is 180 days from shipment date excluded the situations such as improper use or man-made damage.



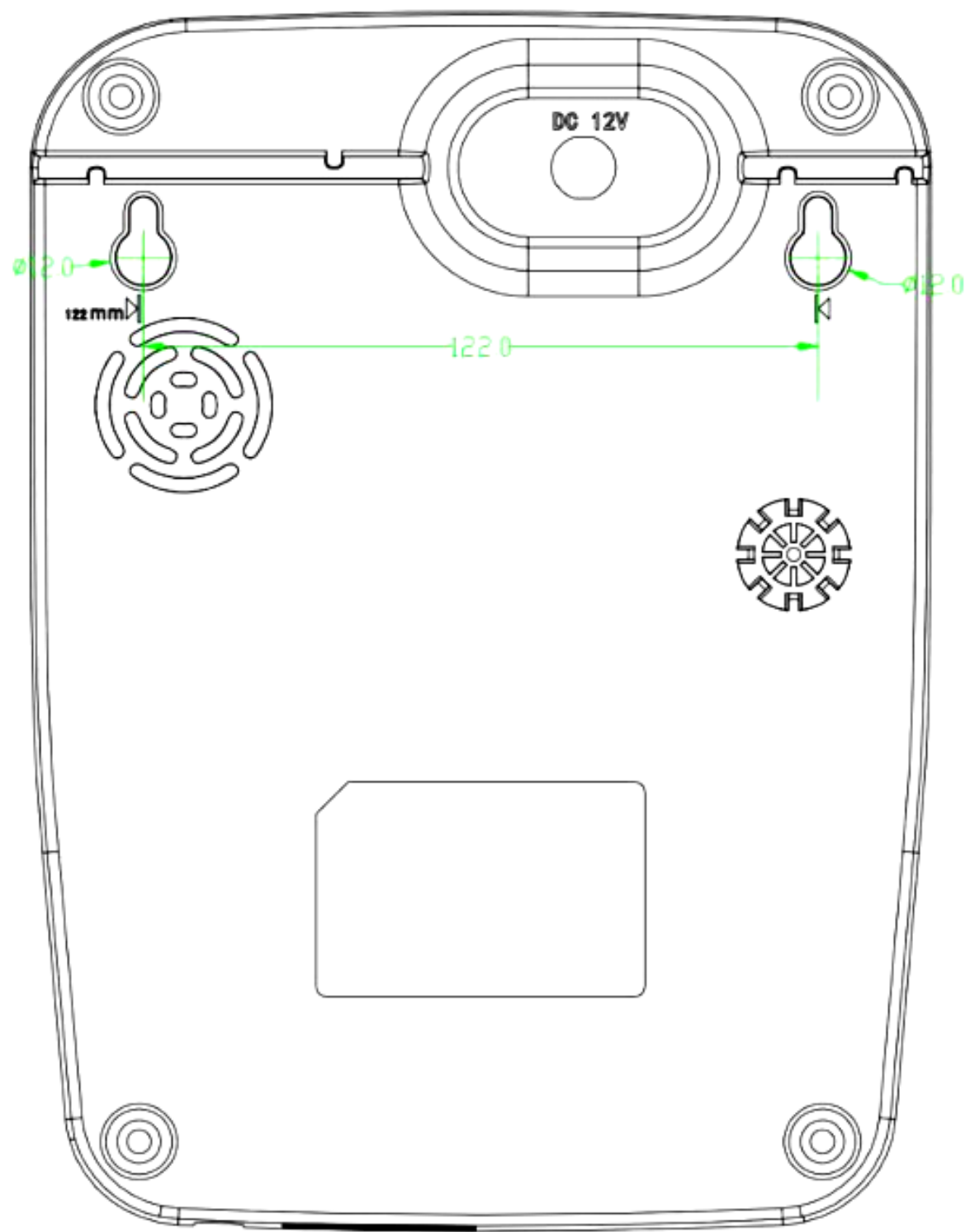
WARRANTY CARD

Customer Name	_____	Model No.	_____
Purchase Date	_____	Serial No.	_____
Customer Address	_____		

8. WALL MOUNTS

AWO-0.3.

2 screws are included
ø 2.0
122,0 mm



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