

NATURE'S OWN Disinfectant



BON OZONE
Nature's Own Disinfectant



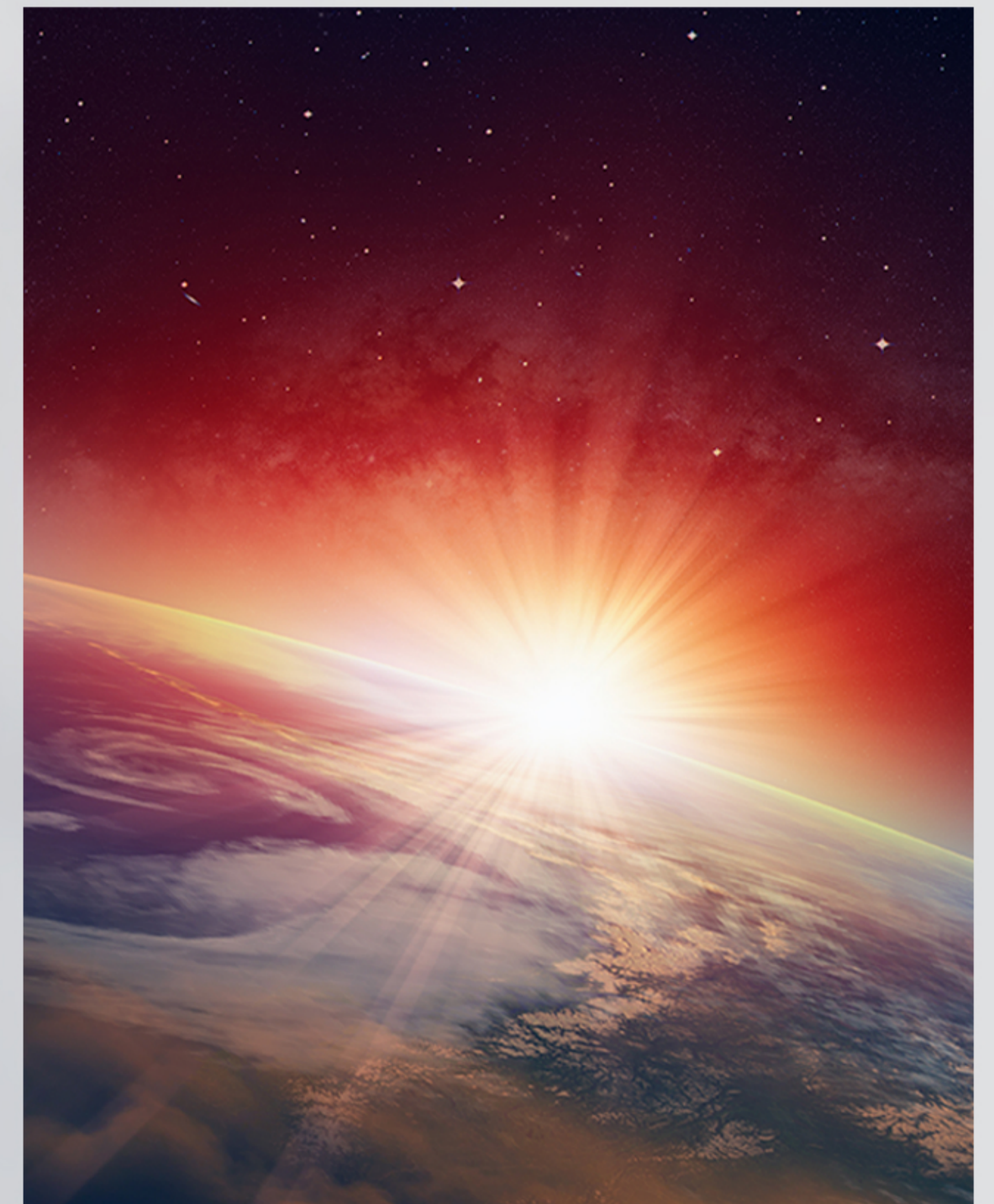
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WHAT IS OZONE?

Ozone, first discovered in 1839 is the tri-atomic form of oxygen. The word 'Ozone' has its origins in the Greek word 'Ozein' meaning 'to smell'. It is a highly reactive gas and one of the most powerful naturally occurring oxidants. When oxygen is exposed to ultraviolet light, ozone is formed. This is a natural process that occurs in the upper atmosphere. Another instance of its natural occurrence is right after a lightning strike. Have you ever wondered why the air always smells fresh right after a thunderstorm? The high voltage resulting from a thunderstorm turns normal oxygen into ozone. Ozone is not just a cleaning agent! It is a full-blown, highly potent and a purely occurring sterilizer.



WHAT DOES IT DO?

It is a proven fact that Ozone is about 15 times more powerful and works 3000 times faster than conventional oxidants such as chlorine. It is totally capable of completely annihilating massive amounts of viruses, bacteria, spores, molds, fungi, and other contaminants. It breaks and penetrates the cell walls of pathogens rupturing and killing them instantaneously. As an oxidant, it removes foul smells and odors, heavy metals, algae, and added colors. Being a natural gas, Ozone reverts back to oxygen without leaving any harmful chemical by-products or toxic residue. And that is why it is imperative to produce it on-site in an Ozonator, at an optimum rate.

WHAT DO WE DO?

Every day, environmental activists, climate scientists, and others around the world are working tirelessly to protect the population from the forces working against them. These forces include climate change, adulterated food, pesticide residue in vegetables and fruits, pathogens in meat and seafood. Our objective at BonOzone is to alleviate the quality of life people lead in this planet. We enable it by making it easier for them to practice good hygiene in every aspect of their life. Along with a team of sanitation scientists and hygiene experts, we have designed and developed BonOzone. The design is done from scratch to overcome the hygiene challenges humans face in their day to day lives. We thus ensure the sustenance of good health through a systematic way of keeping away diseases and pollutants.



OZONATOR

- The home ozone generator produces ozone by absorbing atmospheric air as the input. This air is then pumped through a corona discharge tube housed in the box, upon which the oxygen content in the air is cracked to produce ozone.
- Ozone is a powerful eliminator of almost all bacteria, viruses, fungi and dissolved organic solvents.
- Ozone has a half-life of approx. 25 minutes after which it reverts back into safe Oxygen (O₂) gas
- Although Ozone has numerous powerful benefits, one has to be a little cautious while working with Ozone.
- **Inhalation of the dry Ozone Gas is NOT RECOMMENDED** and should be avoided at all costs. This is because of the fact that inhalation may result in severe irritation of the eyes, the skin and cough. Doing so is especially lethal for people suffering from pulmonary diseases and other related conditions.
- It is highly advised that the **Ozonator not be operated in a closed room**. Always use it near a window or door and keep the room well ventilated.
- While working with ozone one has to take certain precautions to ensure the safe and effective utilization of this wonderful natural resource.

ASSEMBLY AND USE

- The Ozonator has been designed with the option to wall mount it if desired.
- The 2-meter Silicon Tube (which comes with the device) has to be connected to the Ozone output valve at the bottom of the instrument.
- The other end of the Silicon tube is fastened to the diffuser stone.
- A power cord with a 3-pin power plug is provided for seamless plug-and-use with 5A power socket.
- Being lightweight and portable this instrument offers the added flexibility to be carried around and operated anywhere with total ease.
- Always keep the device at a higher level than the basket or bottle which needs to be ozonated.
- This device offers straightforward Turn ON/OFF functionality.

DISINFECTING AND CLEANING UP OF VEGETABLES, FRUITS AND MEAT



- Place the diffuser stone connected to the silicon tube at the bottom of the vegetable basket that has been provided.
- Fill the basket with vegetables and fruits.
- Now, Fill the water until all the vegetables and fruits are immersed.
- Close with a lid to avoid splashing of water during operation and also to limit the amount of ozone escaping the basket.
- Turn ON the Ozonator and run the device for about 30 minutes for a maximum of 8 Kg vegetables or fruits.
- After the operational time, Turn OFF the device.
- The washed fruits and vegetables can be taken out as they are now completely safe for direct consumption.
- This treatment time of about 30 minutes is enough for the OZONE to disinfect and rid Vegetables, Fruits, Meat, Fish & Poultry off harmful pesticides, bacteria, and other contaminants.

BENEFITS OF CLEANING WITH OZONE



- The oxidizing capacity of ozone helps it eliminate all traces of toxicity in food (prolonging shelf life) without affecting its nutritional value.
- Ozone eliminates harmful bacteria, viruses, fungi, parasites and neutralizes toxic pesticides used on fruits and vegetables making them stay fresh twice as long.
- Ozone inhibits the growth of microbes in meat during refrigerated storage, thus nullifying the scope for food poisoning to ever occur. It also removes bad odors from meat. Also, ozonation increases the shelf life of meat by close to 2.5 days.
- Dissolved ozone can be used in the washing of cereals and grains ridding them of microorganisms.
- Ozonisation reduces the risk of cross-contamination of pathogens drastically.
- Ozone is completely natural and does not result in chemical residue as it is not reliant on any chemical whatsoever. It is 3000 times more potent than all other available disinfectants in the market.
- It is generated safely on-site and controlled on-demand from air/oxygen and power

OZONATING DRINKING WATER

- Fill a bottle with filtered or RO treated water.
- Insert the diffuser stone connected to the Silicon tube into the bottle of water until it is completely immersed.
- Do not Turn ON the Ozonator before immersing the diffuser stone in the water.
- See to it that the water bottle being ozonated is at a lower level than the Ozonator. This will help ensure that there is no backflow of water through the Silicon Tube.
- Turn ON the Ozonator and run the device for about 5 minutes for a 1-liter bottle of water. You can see the ozone bubbling inside and the water being treated.
- Turn OFF the Ozonator and then remove the diffuser from the bottle. Cap the bottle and store for future use.
- At room temperature ozone stays in the water only for about 15-20 minutes. Subsequently, it disintegrates rapidly and gets converted back into Oxygen. To extend the life of ozone in the water, keep the water refrigerated. This increases the life of ozone, extending it for another 6-8 hours.
- Every time a bottle of water is ozonated make sure to Turn OFF the machine and to Turn it ON again for ozonating the next bottle.



BENEFITS

- Ozonated water helps in strengthening the body's immune system and immune response by increasing the oxygen content in the body and helping it fight-off viral and bacterial infections effortlessly. Aside from improving energy levels, it also allows all vital minerals to be absorbed completely.
- Ozone helps in the uptake of oxygen by the lungs, increasing their functional power and intake capacity. This greatly reduces emphysema and other bronchial problems.
- Ozone helps reduce acidity in the stomach by killing harmful bacteria and leaving all beneficial gut flora intact thus promoting their growth.
- Ozone improves blood circulation in the entire body and facilitates the swift supply of oxygen to the brain.
- Ozone helps the liver improve its efficiency in producing vital cofactors, enzymes, and antioxidant-glutathione.
- Ozonated water improves digestion as well as the absorption of amino acids in the cells of the body.
- Maintaining a highly oxygenated body, makes it impossible for cancer cells to proliferate and grow. Ozone serves as oxygen anathema for cancer cells.
- Rinsing with ozonated water promotes good health of Teeth and Gum.



NUTRITIOUS WATER FOR HOME GARDEN

- Ozone dissolves 12 times more easily in water than oxygen. Aqueous ozone breaks down into oxygen and boosts the level of oxygen in the water.
- Using the portable OZONATOR, one can Ozonate as much as 16 to 20 liters of water in about 30 minutes and then use it to water plants in their garden, etc.



BENEFITS

- The nutritional content of the soil gets enriched with the ozonated water and the plants bloom much healthier.
- This oxygen enriched water feeds the plant's root development which improves plant health and growth. Beneficial aerobic bacteria also thrive in this oxygen rich environment.
- This increase in oxygen make diseased plants recover quickly. Pathogens are also less likely to affect healthy plants.
- Ozonated water plays a vital role in an indoor garden as it kills all bacterial growth and bad odour.
- Keeping the indoor garden clean prevents mosquitoes and transmission of pathogens from plants to pets, ensuring the overall wellbeing of a family.

According to its most recent statistics, the World Health Organization (WHO) claims that pesticide residue on fruits and vegetables causes 30,00,000 cases of poisoning and 2,20,000 deaths annually across the globe. Infants, children, pregnant women, the elderly, as well as those with pre-existing medical conditions are the most vulnerable. Research shows clear links between pesticides and a wide range of infertility-related issues, cancers, and numerous other serious diseases. Having partnered with some of the best minds from the world of Healthcare, Science & Engineering, BonOzone is working towards a living where the threat of food contamination is non-existent and people are allowed to lead hygienic lives effortlessly and cheaply. Our constant pursuit of innovation through clever engineering and design has enabled us to come up with a revolutionary end-to-end device that is unmatched in the industry.

We have also completely equipped ourselves with the essential know-how, expertise, tools, test equipment and products required to maintain our products in top condition. BonOzone strives not to merely meet global standards but to go beyond and set the benchmark in perfection. Our products are assembled with components procured from ISO certified manufacturers. Comprehensive test trials of BonOzone's technology have proven a 99.9% kill rate of all substances with the potential of being characterized as health hazards in food, without affecting or diminishing the nutritional value or altering the state of food matter in any manner. Our technology is by far the most reliable, maintenance-friendly and cost-effective- a one of its kind, anywhere in the globe.
BonOzone - For a Healthy Tomorrow!

MAXIMUM OZONE AVAILABILITY

High Ozone delivery enables a quick operation process.

LOW ENERGY CONSUMPTION

25% low energy consumption compared to the competitive ozone systems.

EASY INSTALLATION AND MAINTENANCE

Rapid and easy installation process. Zero maintenance cost in the long run.

SAFE

Disinfects without forming hazardous residues in the treatment process.

HIGH EFFICIENCY

Capability to disinfect large quantities of food products at once.

FDA AND USDA APPROVAL

Ozone has been given "GRAS" approval by the USDA and the FDA for direct contact with fruit, Vegetable and all Meat & Poultry products.



Ozone Output : 1237 mg per hour



Electrode : Air-cooled SS316 Electrodes



Climate Compatibility : Patented, Tropical Climate Compatible



Dielectric : Glass (Highest Ozone Compatibility Index, for zero impurities & highest temperature resistivity for long life)



Transformer : Latest Generation Ferrite core, AL Value calibrated to precise microHenry for consistent output



Electrical : 220V, 50HZ, single phase



Feed gas : Ambient Air from inbuilt air pump

SAFETY AND PRECAUTIONS

- Before moving the machine ensure that the power has been turned off and that the power cord has been unplugged from the socket.
- **Never use the Ozonator in a closed room. Make sure to ALWAYS use it near a window or door. Keep the room well ventilated.**
- **Do not Turn ON the device when the diffuser stone is outside the water.**
- Never run the device for more than 30 minutes. And device should be turned off for 15 minutes before the next usage.
- **Inhalation of the dry Ozone Gas is strictly NOT RECOMMENDED** and is to be avoided. In case of irritation in the eyes, skin and Ozone-induced coughing, seek medical assistance immediately.
- BonOzone does not recommend the use of this device as a room freshener or for any room air purifier applications. The use of this device in any other than capacity than that suggested within this manual is not recommended.
- **Do not Damage the silicon tube which may lead to leakage of Ozone gas**
- Do not place the device near Hot Surface area and Inflammable equipment.
- Do not operate device in High Moisture area.
- Keep the Children and Pets away from device.

DISCLAIMER

- Users are advised to operate our device in accordance with the recommendations and instructions that have been provided in this manual.
- It is therefore highly recommended that safety protocols be strictly followed in order to ensure the optimal performance of this device.
- BONOZONE takes no responsibility for any malfunctioning of the device or accidents to operating personnel that may arise as a result of the misuse and/or failure to follow suggested protocols for safe use of the device.
- The Buyer(s) and/or User(s) also explicitly understands that he/she takes complete responsibility for the purchase as well as use of the device.

DEVICE OPERATIONAL TIME

VEGETABLES AND FRUITS

2 KG	8 mins
4 KG	15 mins
8 KG	30 mins

MEAT

1 KG	15 mins
2 KG	30 mins

WATER

1 L	5 mins
2 L	10 mins
5 L	25 mins

Do not run the device more than the advised duration



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