



Water treated for bacteria elimination, kind to humans and the environment

Directly Connected Type Ozone Water Generator

It's easy to use. Just attach the ozone water generator to a water faucet and turn on the faucet to generate ozone water which can eliminate bacteria.

Running costs are low because no special water is required as raw material.

Ozone water leaves water and oxygen after an oxidation reaction. It is water which has been treated for bacteria elimination, kind to both humans and the environment.



Mascot Ozone-chan

■ The body is compact and easy to install.

The body is compact with outer dimensions of width 125 mm x depth 46 mm x height 189 mm (protrusions not included). It weighs approx. 400 g (main unit only). It can be installed near a water faucet because of its small footprint. Installation in both vertical and horizontal positions is possible.



■ Ozone leaves no residue.

Ozone is made of oxygen in the air. After reacting with bacteria and viruses, it decomposes to oxygen and water. Unlike bacteria elimination with an antimicrobial, ozone leaves no residue or environmental load.

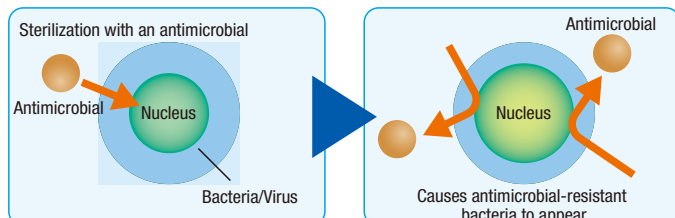


■ Does not cause antimicrobial-resistant bacteria to appear.

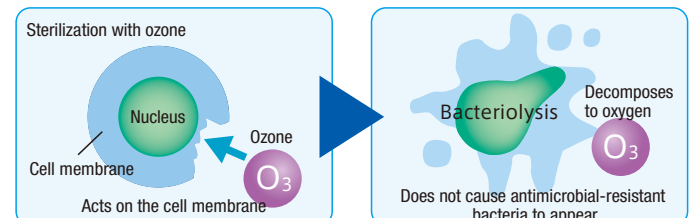
Ozone destroys the cell wall (membrane) of the bacterial cell through the chemical reactions of proteins and ozone, causing the cell components to leak out and thus both eliminating and preventing any further increase of bacteria. Unlike bacteria elimination with an antimicrobial, "antimicrobial-resistant bacteria" are not generated. This product works well in hospitals, animal hospitals, care facilities and others.

[Bacteria elimination methods]

When an antimicrobial is used



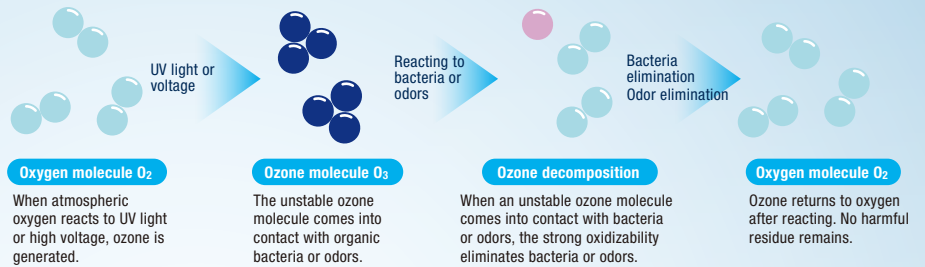
When ozone is used



* Unlike bacteria elimination with an antimicrobial, ozone water (by damaging the cell membrane, etc.) does not cause antimicrobial-resistant bacteria to appear.

What is ozone?

The molecular formula of ozone is O₃, which means it is made of oxygen (O₂). Ozone is extremely unstable and reactive. It readily reacts with another substance to return to oxygen. It reacts with germs and odor-causing substances, eliminating bacteria and odors.



Suggested use

- Animal hospital
- Pet salon
- Hotel
- Facilities for the elderly
- Hair salon
- Beauty salon
- Agricultural and livestock industry
- Food processing factory
- Japanese pinball parlor
- Taxi
- Rental car, etc.

Precautions for use

Sufficient ventilation in the place of use is required. If the place cannot be ventilated sufficiently, use the product in a wider indoor space where atmospheric dilution is expected, or in the semi-open/open air.

- Use this product for the purpose of cleaning with flowing or pooling water for a relatively long time (about 10 seconds or longer).
- Secure a sufficient distance (50 cm or more) between the discharge opening and the operator or surrounding people.
- Installation, or supervision of installation, of the product should only be carried out by a responsible person who is familiar with the conditions and factors involved.

Major specifications

Model	MXZW-WM100
JAN code	4902580759155
Power supply	Dedicated power adapter (Input: 100 to 240 V, 50/60 Hz, Output: 12 V DC, 1 A)
External dimensions	125 (width) x 46 (depth) x 189 (height) mm (not including protrusions)
Weight	About 400 g (main unit only)
Operating temperature range	5 to 40°C

Ozone generation	100 mg/h
Ozone concentration	About 0.2 mg/liter (at a flow rate of 4 liters/min)
Continuous generation time	About 10 minutes
Accessories	Microbubble mixer x 1, dedicated wrench x 1, dedicated power adapter x 1, silicon tube x 1 (about 150 cm), user manual (guarantee included), faucet adapter x 1 set, check valve x 2, screw and anchor x 1 each, air inlet filter x 5, cable tie x 5, mounting base x 4, adhesive tape x 2 sets

Ozone water generation mechanism

1. Generates ozone gas.

2. Generates microbubbles to mix with tap water.

- * It is necessary to install the main unit at least 15 cm above the faucet.
- * This product may not be effective for all bacteria and viruses.

- The actual product may differ slightly from the photographs and illustrations shown in this catalog.
- The names, logos, and service marks are trademarks or registered trademarks of Maxell and other companies.
- The information contained in this catalog is accurate as of March 2019.



Safety precautions

To use this product securely and safely, be sure to read the User Manual thoroughly before use.

- The specifications and design of the product shown in this catalog are subject to change without notice due to modification.
- In the case of a defect that has been caused through the manufacturing process, the defective products will be replaced with the same number of new ones. Please note that no responsibility will be accepted for defects caused by other reasons.

<http://biz.maxell.com/en/contacts/>

Maxell Contact Us

Search

Maxell product dealer



For global environmental protection, this catalog uses vegetable-oil-based ink.

Directly Connected Type Ozone Water Generator Catalog
LB011-1812 Produced in March 2019