

TWO WAY TYPE

Ozone water treatment in food processing
Ozone gas treatment in unoccupied time

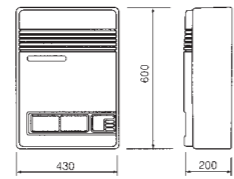
TWIN

 Ozone water  Ozone gas



- Use ozone water in food processing, and activate ozone gas fumigation to kill bacteria and deodorize in unoccupied time
- Running cost consists of only tap water and electricity
- TWIN30 or TWIN60 can be chose by room size and necessary water volume

TWIN30/ TWIN60



	TWIN30	TWIN60
Tap water faucets	1-3	1-6
Ozone gas vent	1-6 (Max. 15 by option)	1-15
Effective area	Max. 700m ²	Max. 1,400m ²
Dimensions (W x H x D)	430 x 600 x 200mm	430 x 600 x 200mm
Net weight	15kg	17kg
Power source	AC100V (50/60Hz)	AC100V (50/60Hz)
Power consumption	150W	190W
Ozone water volume ^{*1}	4-30l/min.	8-60l/min.
Ozone water concentration ^{*2}	0.4-0.8ppm	0.4-0.8ppm
Tap water pressure	0.1-0.5Mpa	0.1-0.5Mpa
Ozone gas output	1,000mg/h	2,000mg/h

*1: Please use tap water. Ozone water concentration may not be sufficient because of water quality change if using groundwater.
*2: Maximum water volume may change by water pressure and the way of plumbing. Ozone water concentration may deteriorate if water volume exceeds the maximum. Ozone water concentration in the sheet is based on 25°C at atmosphere temperature, and 20°C at water temperature (Ozone water concentration may change by atmosphere/water temperature and water quality).

OZONE GAS TYPE

Specialized for ozone gas

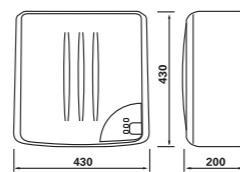
OZOFRESH1000

 Ozone gas



- Specialized for ozone gas, compact and simple
- Adjustable ozone gas output

OZOFRESH1000



Ozone gas vent	1-15
Effective area	Max. 700m ²
Dimensions (W x H x D)	430 x 430 x 200mm
Net weight	11kg
Power source	AC100V (50/60Hz)
Power consumption	150W
Ozone gas output	20g/min.
Ozone gas fumigation setup	Max. Twice/day

MOBILE TYPE

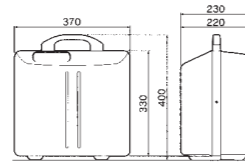
Compact, powerful and convenient

OZONE TERAOKA MINI II-G

 Ozone water



- Maximum ozone water volume is 12l/min.
- Usable for 24 hours



Dimensions (W x H x D)	370 x 400 x 230mm
Net weight	8kg
Power source	AC100V (50/60Hz)
Power consumption	300W
Ozone water volume	4-12l/min.
Ozone water concentration ^{*1}	0.4-0.8ppm
Tap water pressure	0.1-0.5Mpa

*1: Ozone will not be produced if water volume is less than 4l/min. Ozone water concentration may deteriorate if water volume exceeds 12l/min. Ozone water concentration in the sheet is based on 25°C at atmosphere temperature, and 20°C at water temperature.

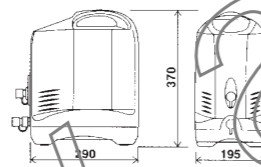
OZONE TERAOKA HANDY8

 Ozone water



Super light type

- Net weight is about 5.8kg
- Maximum ozone water volume is 8l/min.
- Display usable remaining time



Dimensions (W x H x D)	196 x 370 x 290mm
Net weight	5.8kg
Power source	AC100V (50/60Hz)
Power consumption	45W
Ozone water volume	4-8l/min.
Ozone water concentration ^{*1}	0.4-0.8ppm
Water pressure	0.1-0.5Mpa

*1: Ozone will not be produced if water volume is less than 4l/min. Ozone water concentration may deteriorate if water volume exceeds 8l/min. Ozone water concentration in the sheet is based on 25°C at atmosphere temperature, and 20°C at water temperature.

Safety guidance to use ozone generator



For safety

- Please set proper number for ozone gas fumigation by room size.
- Please don't enter the room in 2 hours after completing ozone gas fumigation.
- Please ventilate the room from time to time when using ozone water.
- Please read the operation manual carefully for proper operation.

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*Specifications are subject to change without prior notice.

A0809CD#



OZONE

DIGI ozone generator

Kills bacteria, deodorizes, and keeps away pests and vermin.

Reinforces food safety and provides a cleaner environment for the future of both humans and nature.



Searching for
a New Balance

With an effective cleaning action and the lack of residue that remains after operation, the DIGI Ozone Generator is becoming the most popular Disinfecting, Sterilizing and Deodorizing agent for the industry!

What is ozone(O₃)?

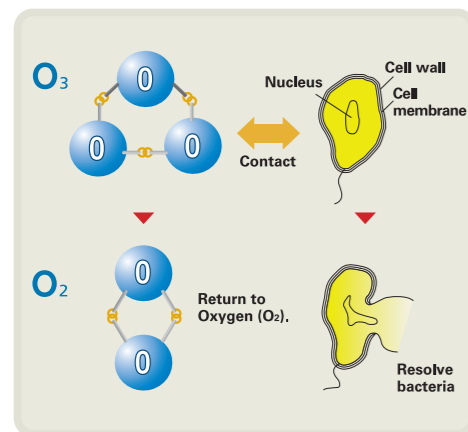
Ozone is composed of three oxygen atoms (O₃). Ozone reacts rapidly with organic substances. Ozone tends to return to oxygen (O₂). Since ozone doesn't leave hazardous residue to environment, it is used widely in sterilizing, deodorizing and bleaching in food industry, water purification and medical areas.

Ozone applications

- 1 Kill bacteria**
Ozone water kills bacteria rapidly and preserve food for longer freshness.
- 2 Deodorize**
Ozone water resolves odorous substances to deodorize.
- 3 Destroy floating bacteria**
Ozone gas penetrates untouchable Space and kill floating bacteria in the air, prevent food from secondary contamination.
- 4 Clean up mold and slime**
Ozone water makes it easy to clean up mold and slime. Ozone gas also kills floating mold in the air.
- 5 Keep away vermin**
Use ozone water and ozone gas to maintain cleaner environment, keep away mouse, cockroach and other vermin.

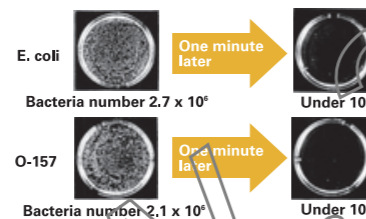
How to kill bacteria by ozone

The ozone makes contact with the bacteria rapidly killing the bacteria on contact. Bacteria will never become resistant to the properties of ozone.



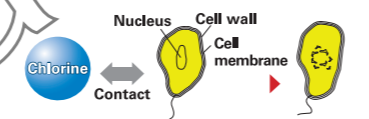
Disinfecting performance by ozone

Ozone water provides effective disinfecting performance against E. coli, Staphylococcus, Salmonella, O-157 and other pathogenic bacteria.



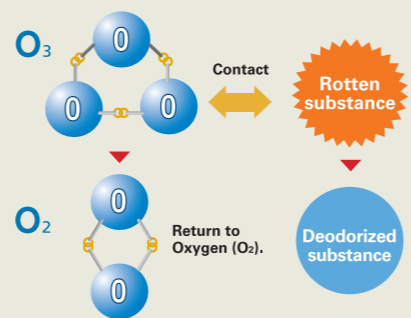
Different ways to kill bacterial by ozone and chlorine

Chlorine penetrates through bacterial cell and deactivate its enzyme to kill bacteria. Ozone kills bacteria by using its extra oxygen atom to oxidize cell wall directly. The method kills bacterial more rapidly and doesn't create resistant bacteria.



How to deodorize by ozone

Ozone provides excellent effects to deodorize ditch, garbage bin, toilet or cigarette. The odors of rotten food is mainly consisted of amine, ammonia and sulfide in the process of resolving protein by its own enzyme and microorganism. Ozone water deodorizes effectively by cleaning up odorous substances, killing microorganism and resolving odorous substances.



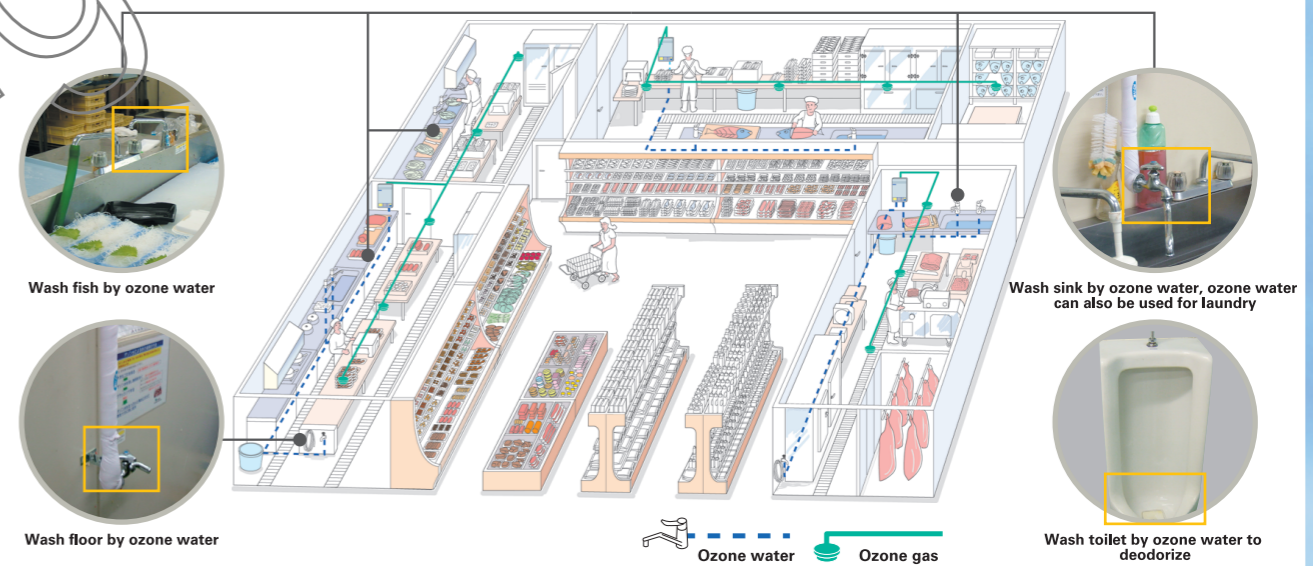
DIGI ozone generator is used widely in supermarket, food industry, hotel, restaurant and various public facilities.

- Day** Use ozone water to kill bacteria and deodorize to reinforce safety control for foods and processing tools. Also use ozone water to wash fresh food (meat, fish, vegetable, etc.) to preserve its freshness and flavor.
- Night** Kill bacteria, deodorize and remove mold with ozone gas, to maintain clean and safe food processing environment.

Supermarket

- Kill bacteria** Sterilize food processing tools and operator hands by ozone water.
- Deodorize** Wash ditch, fish box, garbage bin, etc by ozone water to remove odorous substances.
- Preserve freshness** Wash vegetable with ozone water to preserve freshness.
- Keep way Vermin** Wash by ozone water and fumigate processing room by ozone gas to maintain sanitation, so vermin can't survive in the clean environment.
- Deodorize toilet** Deodorize toilet by ozone water.

Plumbing layout



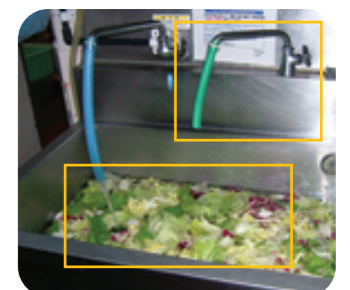
Food industry

Prevent food from freshness deterioration

- Kill bacteria** During food processing, use ozone water to kill bacteria on food and processing tools. In unoccupied time of night, use ozone gas to kill floating bacteria and mold in order to prevent from secondary contamination.
- Preserve freshness** Ozone water treatment can preserve food freshness and flavor.



Sterilize foods and processing tools by ozone water



Wash vegetable by ozone water to preserve freshness and flavor