









Eliminates bacteria, odor and viruses in a space of up to 46 m<sup>2</sup> using the powerful oxidizability of ozone!!

MXAP-AE400 Ozone Anti-bacterial Deodorizer



# Ozone exists in the natural world and purifies air.

The MXAP-AE400 ozone anti-bacterial deodorizer decomposes bacteria, viruses, and odor sources utilizing the powerful oxidizability of ozone.

It has three ozone generating modes that cover a wide range of spaces. In AUTO mode, it uses an odor sensor to detect odors and automatically generates a controlled amount of ozone to provide a comfortable space.

It provides a comfortable atmosphere in large areas where there are many people, such as medical and nursing facilities, hotels, offices, hospital waiting rooms, etc.



Patient and nursing rooms



Garbage and waste collection sites



Fish shops



Restrooms and waste disposal rooms



Food processing



Veterinary hospitals, pet grooming salons, and animal breeding facilities







Restaurant and dining hall kitchens and cooking facilities

#### ■What is ozone?

The molecular formula of ozone is O<sub>3</sub>, 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.



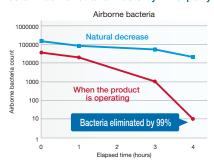
When atmospheric oxygen reacts to UV light or high voltage, ozone is generated.

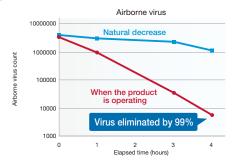
The unstable ozone molecule comes into contact with organic bacteria or odors.

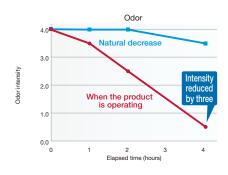
When an unstable ozone molecule comes into contact with bacteria or odors, the strong oxidizability eliminates bacteria or odors.

Ozone returns to oxygen after reacting. No harmful residue remains.

#### ■Effects in demonstration tests by third-party organization

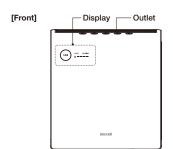


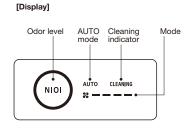




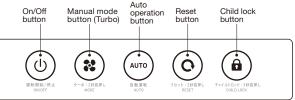
- The bacterial elimination effects were confirmed in a closed space of 25 m<sup>3</sup> at the Kitasato Research Center for Environmental Science.
- •The viral elimination effects were confirmed in a closed space of 25 m³ at Japan Food Research Laboratories.
- •The odor eliminating effects were confirmed in a closed space of 22 m3 at Life Science Research
- •These effects are not demonstrated in actual use conditions. They do not guarantee that the product is effective for all odors, bacteria, and viruses.

### Operating panel and modes









### Auto stop function

Stops the unit from operating when the front panel is open or the unit

#### Instantaneous power failure response function

Automatically resumes operation after a

### Auto dimming function

Automatically dims the LED on the display

## Cleaning indicator function

Indicates when cleaning is required.

### Manual mode

Enables you to select ozone generation for one of three spaces.

# Turbo mode

Used to quickly eliminate odors.

### AUTO mode

Automatically switches between modes according to the odor level of the space

### Child lock function

Disables operation.

## ■Major specifications

Model	MXAP-AE400
JAN code	4902580793715
Power supply	Dedicated power adapter: AC100 to 240V, 50Hz/60Hz
External dimensions	340 (width) × 110 (depth) × 370 (height) mm (not including projecting parts)
Weight	Main unit: About 3.8 kg (not including power adapter)

- •The effectiveness of the product varies depending on the environment in which it is used, such as temperature and humidity, hours of use, and location.
- If there is a baby or a small animal in your home, choose where to install and use this product carefully.
- •Do not bring your face to within 30 cm of the ozone outlet.
- •Be aware that metals that rust easily and natural rubbers may deteriorate when in contact with ozone.

Operating temperature range	0 to 40°C (when no dew is present)
Generated ozone quantity	Max. 10 mg/h
Recommended applicable range	Mode 1: About 15 m <sup>2</sup> AUTO mode: 15 to 46 m <sup>2</sup> Mode 2: About 31 m <sup>2</sup> Mode 3: About 46 m <sup>2</sup>
Accessories	Dedicated power adapter, user manual (guarantee included)

- •The information contained herein is accurate as of February 2020.
- The names, logos, and service marks are trademarks or registered trademarks of Maxell and other companies.
- . Photos and illustrations may be different from the actual product.
- . Specifications and appearance are subject to change without notice.



Safety precautions

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

### Contacts

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(excluding Saturdays, Sundays, public holidays and Maxell's company-specific holidays)

# (http://www.maxell.co.jp)

