

## Ozone Air Purifier “Sumikaze”



### ■ About the product



“Sumikaze” is an ozone air purifier that uses our plasma technology to generate ozone, which is capable of controlling bacteria, viruses, and odor.

Ozone is a substance that exists in nature in minute quantities, and is known to be effective in suppressing airborne viruses and in deodorization. However, if the ozone concentration is too low, it is less effective in suppressing viruses and in deodorization, and conversely, if it is too high, it can affect the human body. Therefore, to ensure the safe use of ozone, it is important to keep its concentration within a range that does not affect the human body.

Sumikaze has achieved highly accurate ozone concentration management with our proprietary technology, using an ozone sensor. It provides a “safe and secure space” that does not affect the human body, while suppressing viruses.

\* The Japan Society for Occupational Health stipulates that the ozone concentration in the work environment should be 100 ppb or less (8h/day, 40h/week).

### ■ Reason for certification as a Nittoku Green Product

Reduced use of  
resources

Reduced use of  
energy

Substances with  
environmental impact

- Sumikaze generates ozone from the oxygen in the air. Ozone has the property of reverting back to oxygen after a certain amount of time. Therefore, Sumikaze does not require the input of chemicals or water, and does not produce any residual substances, making it environmentally friendly.
- Compared to commercial products with space disinfection and deodorization functions, it consumes about 50% less power. Also, since it is compact and its volume is about 11% of that of a conventional product, the amount of plastic and other materials used is also reduced.

### ■ Comment from the developer

At the height of the COVID-19 pandemic, we wished to contribute to society by utilizing our plasma technology to suppress viruses with ozone. Since there is a need not only for the suppression of viruses and bacteria but also for deodorization, we engage in development and sales with the aim of providing a “safe and secure space” for everyone.

