

Multi-Function Anion Machine NP208



NanoPro
 Health & Technology in Line

Name	:	Multi-Function Anion Machine
ID	:	NP208
Density of negative ion	:	3,000,000pcs/cm3
Product usage	:	Home, office, hotel
Level of UV light	:	150uW/cm2
Level of Ozone:	:	400mg / h
Voltage	:	AC240V
Power rate	:	16W
Timing error	:	5%
Color	:	White
Dimension	:	245 × 177 × 125 (mm)
Weight	:	1.25kg
Technology	:	Japan



Soft Tube



Stone:



Filter



Aroma

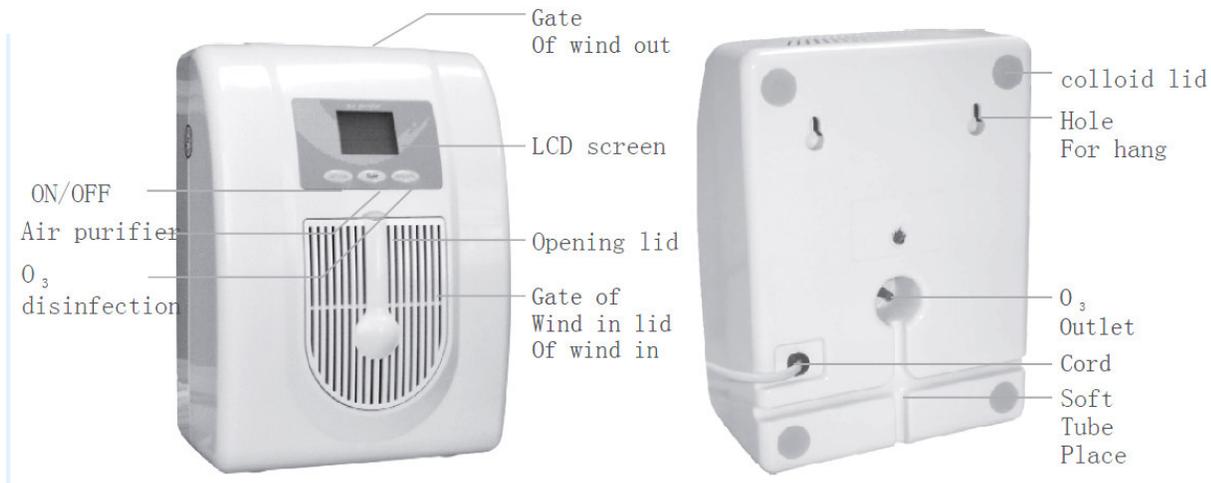


Installation accessories

Characteristics:

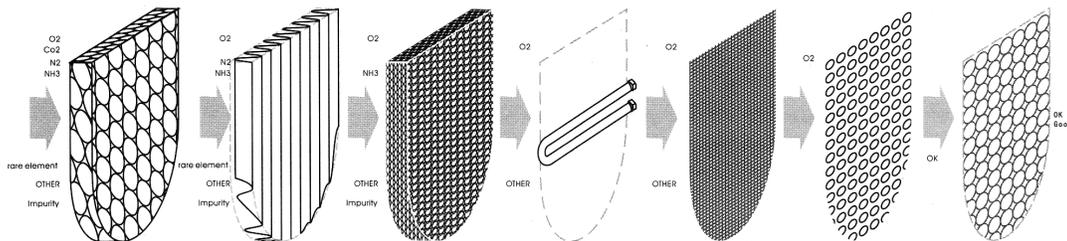
1. HEPA activated carbon filter with Ozone
2. Disinfection using Ozone
3. Combination of nanotechnology with photocatalyst to clean the air
4. Ozone creates fresh air by eliminating smoke, dust and bacteria.
5. Using Ozone to disinfect meats, fruits and vegetables.
6. Elegant design and integrates with any background.

Kills hand, foot and mouth disease.



1. Press the "ON/OFF" button. The LED light will show if the power is on.
2. When the power is on, press the "O3 Air" button for 3 seconds. O3 light will flash and O3 work.
3. Leave it for ten minutes to disinfect.
4. Continue pressing the "O3 Air" to add another 10 minutes up to a maximum of 60 minutes.
5. Once the O3 mark stops the disinfection process stops too.
6. At the same time, the fan and anion work too.

Function



A. Advance active carbon HEPA filters technology:

Effective in filtering various particles in air up to 99.98% as it completely captures suspended particles as small as 0.3 micron.

B. Effective ozone disinfectant:

Uses high technology to produce a stable and proper amount of ozone. This ozone will kill various respiratory infections bacteria and decomposes organic gas. It will also deodorize various unpleasant smells and prevents bacteria or virus spread.

C. Nanometer light-accelerant air purification:

Uses advance light accelerant to have a faster and more complete decomposition of harmful volatile organic compounds inside the car such as formaldehyde, ammonia, benzene, toluene, and etc.

Deodorize unpleasant smells of cigarette smoke, alcohol and food. It also effectively kills suspended bacteria and viruses thus protecting passengers from cross infection.

D. Anion generator purifier to remove smoke, dirt and electrostatic:

It can release a large number of anion and O3 around the environment making the person's inner spirit more comfortable. Remove harmful smoke, dirt, mold, and germs in air and room.

E. Disinfection and rids off pesticide.

Special technology is used to produce activated oxygen or more commonly known as ozone (O₃). It is used to sterilise and disinfect any bacteria, viruses and odors. One of the methods is by putting ozone inside the water and use it as a sterilization. Then, we can use the O₃ water to wash

our fruits and vegetables to get rid of the residual of fertilizer and pesticide, toys and other daily necessities. It can also be used to disinfect and sterilize any equipments to prevent infection.

F. Elegant shape and integration function:

Matches your house furniture and kitchen utensils due to its harmonious color and special scent making your life more comfortable.

Ozone will have more function as a powerful sterilant to destroy bacteria, viruses and odors when it is infused with water!



- a) Water treatment : keeps water clean and your food and vegetable fresh
- b) Tableware washing: kills bacteria on the surface of the tableware.
- c) Dispose antibiotic: full-grown. Hormone of birds and animals .at the same time gets rid of the raw of fish and meat.
- d) Dispose the remained of pesticide: remove the bacteria and remained and germs of fruit and vegetable surface.
- e) Commodity disinfecting: kills germs, prevent cross infection, reduce illness, and save deferment.
- f) Oral care : kills bacteria in oral cavity , helps to cure some oral cavity diseases such as fangitis and stomatitis
- g) Personal usage: kills most of the harmful bacteria. Helps prevent or control skin diseases.
- h) Helps accelerate the metabolism activity of skin making skin healthier and more beautiful in appearance.
- i) Flower and fish: Give flower and fish a cleaner and healthier environment to grow.
- j) Purifier in room: purifies air, kills bacteria and removes strange smell and mouldiness.

Maintenance

- a) The filter needs to be change according to air purifying states (inquiring seller or buy it again)
- b) do not knock it with hard objects to avoid any damage.
- c) don't clean the machine with organism .
- d) please clean it with soft cloth and mild detergent . Not water resistant.
- e) out of power , clean the wind gate in order to keep the purified result with dry cotton cloth .

Safety Precaution.

- a) Do not use it under strong static and magnetic field and avoid rain or any liquid substance.
- b) Do not wash the rubber and metal components for a long time because of ozone's strong oxidation.
- c) Not advisable to use it as a special disinfecting instrument .
- d) Do not repair the product if there is any problem.
- e) When disinfection is in process , please keep both people and animals away to avoid any uncomfortable feeling.
- f) When disinfection is in process , a strange emitting smell is normal. It is advisable to stay further away immediately.
- g) Avoid children who are 10 years old and below.

After-Sales Service.

- a) Warranty period: One-year free warranty from day of purchase.
- b) Warranty period for any damage caused by breakage and self repair is inapplicable.
- c) damage caused by person reason out of warranty .
- d) After warranty period has ended , we still offer service at any retail shops nearby.
- e) Payment is needed for any component changes.

Ozone or more scientifically known as O₃ is created by combining three oxygen atoms. It has a high oxidizing ability which is effective for disinfection and sterilization. It can kill almost all bacteria in the water or in the air and that is why it is widely accepted as an effective disinfection and antiseptic.

Ozone is one of the important components in our atmosphere. Our atmosphere contains 0.01ppm-0.04ppm of ozone, which balances the level of bacteria and mildew in our environment. Ozone is also created electrically by nature during active thunderstorms. The electrical discharge creates the positive sweet smell that we understand as clean fresh air.

The molecule of ozone is inherently unstable and tries to break down into oxygen molecules as quickly as possible. This is what makes ozone such a great air and water cleanser. The ozone molecules need to combine with something in order to break down. So, they end up oxidizing organic compounds and turn them into harmless carbon dioxide and water. Due to the fact that ozone quickly breaks out into oxygen molecules, it's considerably less toxic than disinfectant chemicals like chlorine. That is why ozone is famously known as "the cleanest oxidizer and disinfectant".

The Characteristics of Ozone

kills microorganism

- a) kills 99.9% of coli form and staphylococcus and salmonella in the air.
- b) kills 100% of bacteria and many kinds of germs.
- c) kills brevibacterium spores

kills epiphyte

- a) kills 100% of pergillus versicolor and penicillium and vuq grems
- b) kills 100%aspergillus niger , fusarium oxysporum f.sp. Melonogea and fusarium f.sp.lycopersici.

3. Antivirus

- a) Destroys HAAg and HbsAg
- b) Kills influenza virus and SARS virus
- c) Destroys PV1 and Hepatitis A virus in the water within a few seconds or minutes.
- d) Destroys SA-11 in the water

4. Detoxification and remove odours

- a) Decompose pesticide, Sterilizer and Hormone
- b) Oxidize the heavy metal and organics
- c) Remove any kinds of odours

C. The principle behind Ozone's bacteria killing capabilities.

The process for ozone disinfection is to release the third oxygen atom to destroy the cell rampart of the bacteria, the cell membrane and the protein shell of the virus directly destroy its RNA and DNA by oxidizing and decompose it.

For e.g., HCHO combine with O₃ will generate CO₂&H₂O AND O₂. It will destroy the protein once it acts with the sensitive amino acid and breaks through the protein. The process for ozone oxidization is one of the oxygen atom on O₃ acts with the the surface of a metal or the surface of organics to generate some other unharmed organics.