

O₃ Air Sanitation Unit



Quality Without Compromise

These are tough units designed for cleaning air in buildings, rooms, offices, hospitals or manufacturing plants.

Options are offered that are either 2g/h or 5g/h O₃ outputs and have no timer, a configurable automated timer or a fully automated O₃ sensor to regulate the O₃ levels to a preset level.

In the event of a power failure units will automatically restart once the power returns and function as preset.

Documented tests show that by maintaining a fair level of O₃ in an area, all known bacteria and air born bugs are destroyed.

These units are specifically designed for 24/7 use and can neutralize harmful air-born particles, germs and bacteria.

For example, cigarette smoke has over 3,600 chemicals. Ozone will break those chemicals down into their basic molecular components, neutralizing them. It is capable of destroying tar, soot, benzene, vinyl chloride and other hydrocarbons. Having performed this task the ozone itself reverts to just plain oxygen.

Many doctors regularly warn about the dangers of air-borne gasses such as formaldehyde, carbon monoxide, and chemical pollutants given off by carpets, wallpaper, and furniture. Ozone breaks these gasses down, as an example when formaldehyde is infiltrated by ozone it breaks down into

Specifications

Input voltage: 230VAC / 50-60Hz
Rated power ≤100W
Mounting: Wall Mount or Floor Standing
Efficient Area: 2g/h = +- 200sqm 5g/h = +- 500sqm
Ozone Output: A002 or 4 = 2g/h A005 or 6 = 5g/h
Product dimensions: 400 x 300 x 200 mm

carbon dioxide, water and oxygen.

Solvents from fresh paint are instantly neutralized by ozone as are cooking smells, animal odors, body odors, cigarette smoke, garbage smells and mildew, etc.

Perfect for getting rid of those nasty smells in a hotel room, bar, hospital or office.

The benefits are even greater for fresh fish and meat displays where the ozone gets rid of the smell and keeps these products fresher for longer by destroying the bacteria.

This unit is built in South Africa by Ozogen and incorporates best of breed O₃ generation equipment that has a 10 year MTBF design.

The standard housing is based on white powder coated aluminium but it is also possible to provide other colour options and stainless steel upon request.

This is a world leader product that out performs products 10x more expensive with all the bells & whistles.

For rooms occupied by people an O₃ sensor is crucial to maintain safe levels of O₃ as recommended by the world health standards and this is one of the very few commercially available units fitted with proper sensor and O₃ regulation circuitry.

For more info:
sales@ozogen.co.za

Ozone is a natural gas that we breathe daily. It is created when oxygen (O₂) molecules are split into two separate atoms by ultra violet radiation from the sun, lightning, and electric arc. The freed atoms recombine in 3-atom groups to form cousins of oxygen: ozone (O₃). The word ozone comes from the Greek word ozein meaning smell, because of its distinctive sun-ray lamp smell. Ozone is nature's way of cleaning pollution from our atmosphere.

Standard Available Units

A002	2g/h + None
A004	2g/h + Sense
A005	5g/h + Sense
A006	5g/h + Timer

The components used to manufacture these units have CE and RoHS certification.

All wiring is done in accordance with the strictest regulations.

These units all have fuse and earth protection.

Quality is enforced throughout the assembly process and each unit fully tested prior to shipping.