

Fixed Ozone Odour Control ECB-2P, with ozone destruct

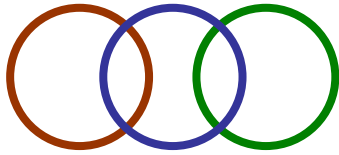
Environmentally friendly, chemical free, wall mounted



Technology

Accelerated Ozone Odour Control:

- uses no chemicals
- is environmentally friendly
- causes no storage issues
- creates no transport or handling issues
- has low maintenance
- has very low running costs



Ozone

Accelerated Ozone Odour Control:

- a). uses no chemicals because it uses Ozone, a naturally occurring form of Oxygen
- b). is environmentally friendly because Ozone is made from Oxygen in the air. Also it doesn't linger, after an hour or two any unused Ozone turns back into Oxygen
- c). causes no storage issues because Ozone cannot be stored, it just turns back into Oxygen
- d). creates no transport or handling issues because there is nothing to transport or handle
- e). has low maintenance, with just filters to replace; the only moving parts are the fans
- f). has very low running costs, using less power than 4 light bulbs

Ozone is produced by corona discharge – small sparks – which give Oxygen O₂ molecules energy to add another Oxygen atom. This gives O₃ which is Ozone. Ozone is produced naturally by lightning.

One property of Ozone is that it neutralises smells, which is why everything smells so fresh after a thunderstorm.

Accelerated Ozone Odour Control works in the same way, producing Ozone where it is needed, so it can deal with odours left behind from a variety of sources.

Another property of Ozone is as a disinfectant as it acts against bacteria, viruses and mould.

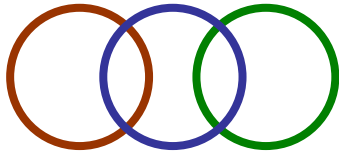
Ozone is more powerful than Chlorine but unlike Chlorine, it:

- does not linger
- does not contaminate the environment

Features

Accelerated Ozone Odour Control:

- is fully automatic
- has a built in deactivation cycle which rapidly clears the ozone after treatment, allowing the area to be put back into use quickly

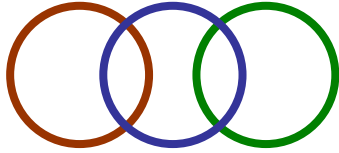


Applications

- **Treats odours from**
 - sweat and BO
 - smoke
 - alcohol
 - mould
 - mildew
 - sewage
 - vomit
- **Ideal for**
 - fitness centres
 - changing rooms
 - clubs and bars
 - cinemas and theatres
 - bingo halls
 - conference centres and banqueting halls
 - canteens, restaurants and kitchens
 - food storage areas
 - waste storage areas
 - store rooms and cellars

Specification

- **Patented double dielectric barrier discharge technology**
- **Cycle time 15 minutes to 50 hours with ozone deactivation, up to 72 hours without ozone deactivation**
- **Treats 500m³**
- **Control: digital keypad and display**
- **Multiple parameter setting of room size and treatment time**
- **15 g/hr output from air feed gas**
- **Input Voltage: 230V; 50Hz.**
- **Power Consumption: 350W**
- **Air Flow-Rate: 450m³/h**
- **Weight approx 40kg**
- **Dimensions approx 750 x 530 x 300 mm**
- **Ambient Temperature: -5°C to +35°C**
- **Relative Humidity: < 95%**
- **Warranty: 1 Year**



Safety Features

- Key lock mains switch
- Password protection
- Current overload
- Strobe light Indicator
- Siren alarm
- Differential pressure actuators
- Door interlock

Application Process

Ozone is a strong oxidizing agent and should not be used in the presence of people, animals, plants and items containing natural rubber, all of which should be removed before the process is activated. It may also be necessary to remove fabrics and art work containing susceptible dyes and pigments.

The process is activated from the digital keypad which sets the ozone concentration and treatment time as required.

Once the process has been initiated, the strobe light flashes 1 minute before the start of ozone generation and continues to flash until the treatment is complete and it is safe to re-enter the area. The start of ozone generation is indicated by 10 blasts on the siren.

The generated ozone is circulated by the unit's powerful integrated fan. Once the pre-programmed amount of ozone has been generated, the generator switches off. The fan remains on in order to circulate the ozone which has already been produced.

When the area has been exposed for the pre-programmed time the unit switches to its destruct cycle, swiftly removing the residual ozone, so that the area can be put quickly back in use.

At the end of the destruct cycle the strobe light switches off, the siren sounds briefly and the process is complete, with the area smelling fresh and ready for use.