



wassertec
Ozone Systems

UVO 2013

A safe simple & effective way of eliminating odours & sanitising any indoor environment.

Replicating what nature has been doing for millions of years.

Applications suitable for an Ultra Violet Ozone Generator

It is important to note when using ozone no two applications will be the same. Before determining the amount of ozone required the following needs to be known:

1. Quality of required result
2. Quality of the air volume to be treated.

Each has their own set of variables which will require analysis. Here are some applications to which a UV ozone generator is suited.

Hotel room de-odourisation

Typical residual odours are from tobacco, body odour, perfume & food. A 200 mg/hr portable unit will effectively treat a 35m² hotel room in 20-30 minutes. For a room of 50m² 45-55 minutes is required.

Smoking areas

A 200 mg/hr wall mounted unit will effectively control smoke per 31m² when operating continuously.

Cold storage

Ozone is used to disinfect air in cold storage rooms. A 200 mg/hr wall mounted unit per 13m² running continuously will maintain air disinfection.

Butcheries & Fishmongers

Ozone is effective for controlling odours and bacteria. A 200 mg/hr wall mounted unit per 42m² running continuously will maintain air disinfection.



UVO Wallmount, White
Ozone output 200 mg/hr



UVO Commercial, Stainless
Steel Ozone output 1000 mg/hr



Airzure Portable, Silver
Ozone output 200 mg/hr

UVO Wallmount
Internal View



So why use Ultra Violet?

We manufacture both corona discharge (CD) and ultra violet (UV) ozone generators. Our experience has taught us that CD is better for water applications and UV is better for air. When used for air treatment CD ozone generators suffer a major disadvantage. They produce an electrical field which attracts dirt particles. This causes contamination of the ozone generating surface, which leads to failure of the surface, the high voltage transformer or both. Also CD is more expensive in this instance.

Ultra Violet units on the other hand do not get easily contaminated. They are also extremely easy to service as this simply involves wiping the UV bulb with a cloth and some methylated spirit. The UV lamp has a 9000 hour working life. Changing the lamp is as easy as changing a lightbulb.

Specifications

UVO Wallmount & UVO Portable	Specifications
Size Wall mount	350w x 200h x 100d mm, 2.9Kg
Size Portable	355w x 160h x 130d mm, 3.2Kg
Power	230v, 50Hz, 50w
Electrical Connection	3 Pin IEC connector (kettle plug)
Enclosure	Powder coated electro-galvanised steel
Ozone Output	+/- 200 mg/hr
UV Lamp	1 x 212 mm
UV Lamp life	9000 hours (1 year continuous use)
Colours for Wallmount unit	White, Silver, Black, Brown
Colours for Portable unit	Silver

UVO Commercial	Specifications
Size	610w x 225h x 145d mm, 7.2Kg
Mounting	Free standing or wall mounted
Power	230v, 50Hz, 365w
Electrical Connection	3 Pin IEC connector (kettle plug)
Enclosure	340 stainless steel
Ozone Output	+/- 1000 mg/hr
UV Lamp	2 x 500 mm
UV Lamp life	9000 hours (1 year continuous use)

Contact Us

If you are interested in discussing a project with us or would like some more information please get in touch.

Our friendly team are ready to assist you

Tel

+27 21 705 9090

Fax

+27 21 705 9092

Email Sales info@wassertec.co.za

Email Tech christian@wassertec.co.za

Web

www.wassertec.co.za

Physical Address

A1 Diep River Industrial Park
Greenville Road
Diep River
Cape Town 7800
South Africa