

COMPACT OZONE GENERATOR MODEL TOG C2

DESCRIPTION

The ozone generator is a small air cooled wall-mountable unit incorporating a high voltage/high frequency power supply unit and a ceramic dielectric ozone production module, enclosed in a 316 stainless steel cabinet rated to IP54.

ELECTRONIC POWER BOARD

The ozone generator incorporates a high voltage/high frequency power board designed for continuous operation.

The circuitry has been specifically designed to give "fold-back" short circuit protection and a variable module power supply to electronically control the ozone production rate which is varied by a control knob mounted on the underside of the enclosure.

QUALITY ASSURANCE AND TESTING

All products manufactured by Ozonia Triogen Ltd comply with BS EN ISO 9002:94 quality assurance procedures and each generator is subjected to the following test procedure.

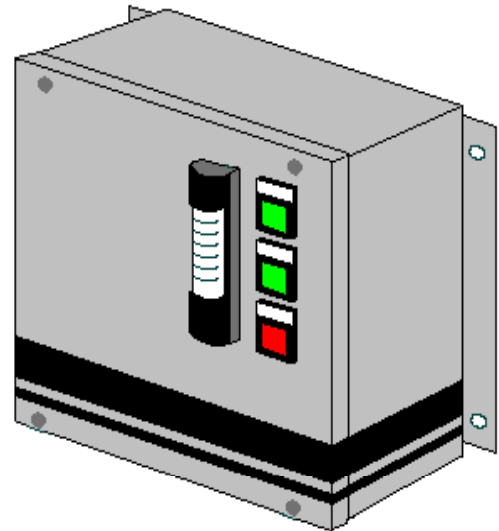
1. Power board function test.
2. Power board load test for 24 hours in 40°C test chamber.
3. Module pressure test.
4. Complete unit test for 24 hours.
5. Calibration test and output check.
6. CE Approved

OZONE GENERATOR MODULE

The module consists of a ceramic dielectric tube inside which is centralised a 316 st. st. electrode, assembly supported at either end by P.T.F.E. end caps.

The ceramic dielectric is housed within an anodised aluminium finned heatsink which is cooled by fan assisted atmospheric air.

The module end caps incorporate PVDF inlet & outlet fittings connected to the casing bulkhead fittings by viton tubing.



FEATURES

- Units can be easily combined for higher output.
- Negative or positive pressure gas feed to suit application.
- Designed for either stand alone use or for building into systems.

