

# TOGC2

## Ozone Generator

OZONE

**The TOGC2 is a corona discharge type ozone generator with variable ozone output. Producing up to 4g/h using dry air and 10g/h using oxygen. The TOGC2 is designed specifically for small industrial ozone applications.**

### APPLICATIONS

- Industrial oxidation processes
- Drinking water
- Waste water
- Bottled water
- Education

### MAIN CHARACTERISTICS

- Ozone generator producing up to 10g/h for industrial use

### OZONE TECHNOLOGY: TOGC2 OZONE SYSTEM

The TOGC2 ozone generator is a small, wall-mountable, air-cooled unit specifically designed for industrial use. The system incorporates function indicators, feed gas flowmeter and variable output control.

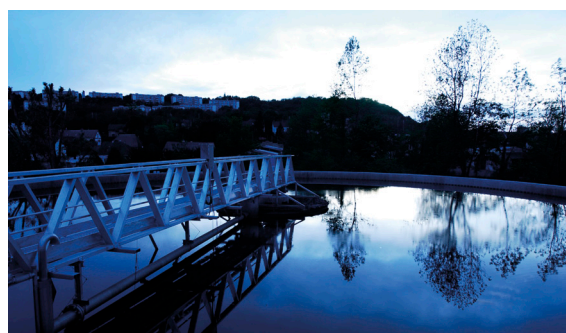
Output variation is manually adjustable using a control knob mounted on the underside of the panel. Operating on various feed gases such as dried air or oxygen the TOGC2 is capable of producing up to 10g/h.

### HOW IT WORKS

Ozone is produced when dry air or oxygen gas is passed over the ceramic dielectric of an ozone generating module. The module is powered by a high voltage/high frequency power board.

The electronic power board is designed for either intermittent or continuous operation.

The ceramic dielectric is housed within a finned heat sink block which is air cooled by fan assisted atmospheric air.



### PRODUCT HIGHLIGHTS

- > Variable ozone output up to 10g/h
- > Can operate with ambient air, dry air or oxygen
- > Operates under negative and positive pressure
- > Illuminating switches indicating ozone production and faults
- > Fan assisted air cooling
- > Operating and maintenance manual included performance graphs
- > Full twelve month warranty and technical backup facilities

**OZONIA**

TECHNICAL DATA TOGC2 MODEL	Ozone Output (g/h)		Feed Gas Flow Rate (l/min)		Variable Output Control (%)	Power Supply (v/ph/Hz)	Power Consumption W
	Air <sup>(1)</sup>	Oxygen <sup>(2)</sup>	Air	Oxygen			
TOGC2	4.0	10.0	10	5	15-100	230/1/50 or 115/1/60	105

(1) Feed Gas: Dry Air-60°C Dewpoint

(2) Feed Gas: 100% Oxygen

MODEL	Panel (mm/inch)							L x H x W		Weight	
	A	B	C	D	E	F	G	mm	inch	kg	lb
TOGC2	305/12	280/11	185/7.28	40/1.57	160/6.30	80/3.15	95/3.74	330 x 280 x 150	6 x 13 x 11	6	13.23

## TECHNICAL FEATURES

- Operating method: Vacuum or Pressure (10psi max.)
- Module Cooling Medium: Ambient Air (Fan Assisted)
- Connections: PVDF compression Fitting to suit 8 mm (0.31 inch) OD PIPE
- BS EN ISO 9002:94
- CE Approval

## MATERIALS

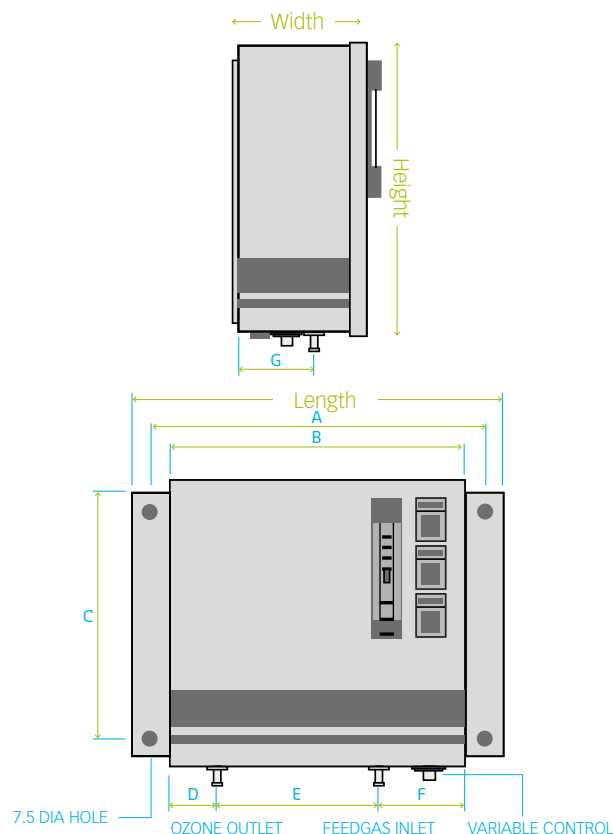
- Enclosure: 316 stainless steel, satin finished
- Module: 316 stainless steel electrode assembly inside a ceramic dielectric tube supported by P.T.F.E end caps
- Inlet and outlet fittings: PVDF

## OPTIONS

- Vent ozone destructor

## REMOTE CONTROL AND ALARMS

- Ozone On-Off: green illuminator switch
- Ozone On: green illuminated indicator
- Fault Red: illuminator switch
- Flowmeter: 2–10 l/min



## CONTACTS

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