



**OZONE**    **INDUSTRIAL**    **VARIABLE**    **SAFE**



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

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

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.

## MAIN FEATURES

- 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

## 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 10 g/h.

## HOW IT WORKS

Ozone is produced when 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. A variable module power supply enables electronic control of the ozone production rate using the control knob.

The electronic power board is designed for continuous operation, with the added safety feature of 'fold back' short circuit protection.

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

## TECHNICAL DATA

Model	Ozone Output <sup>(1)</sup>	Ozone Output <sup>(2)</sup>	Feed Gas Flow Rate		Variable Output Control	Power Supply	Power Consumption
	g/h	g/h	ltr/min air	ltr/min Oxygen	%	v/ph/Hz	W
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

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

### ► Standards

- 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

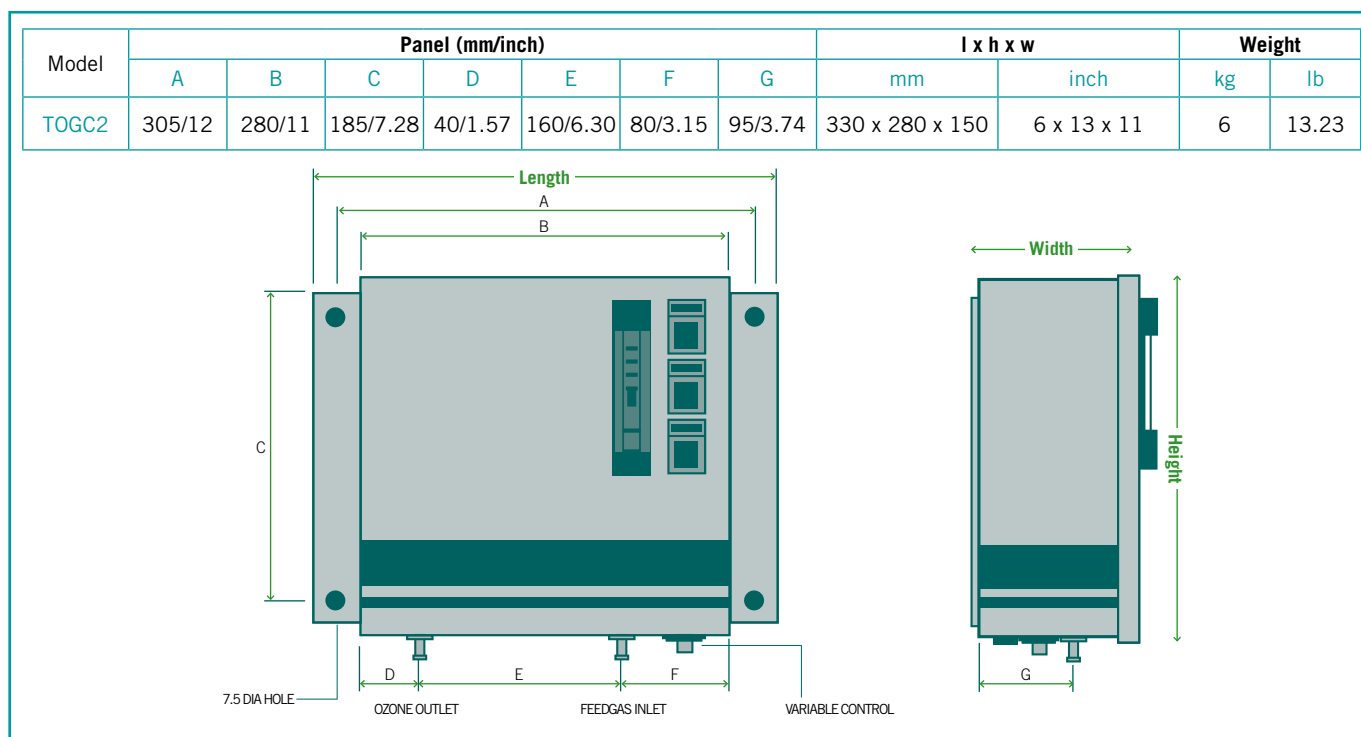
### ► Remote controls and alarms

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

### ► Options

- **Vent ozone destructor**

## DIMENSIONS



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