

TRIOGEN



OZONE

INDUSTRIAL

VARIABLE

SAFE

← Applications

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

← 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 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.

TECHNICAL DATA

Model	Ozone Output ⁽¹⁾	Ozone Output ⁽²⁾	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

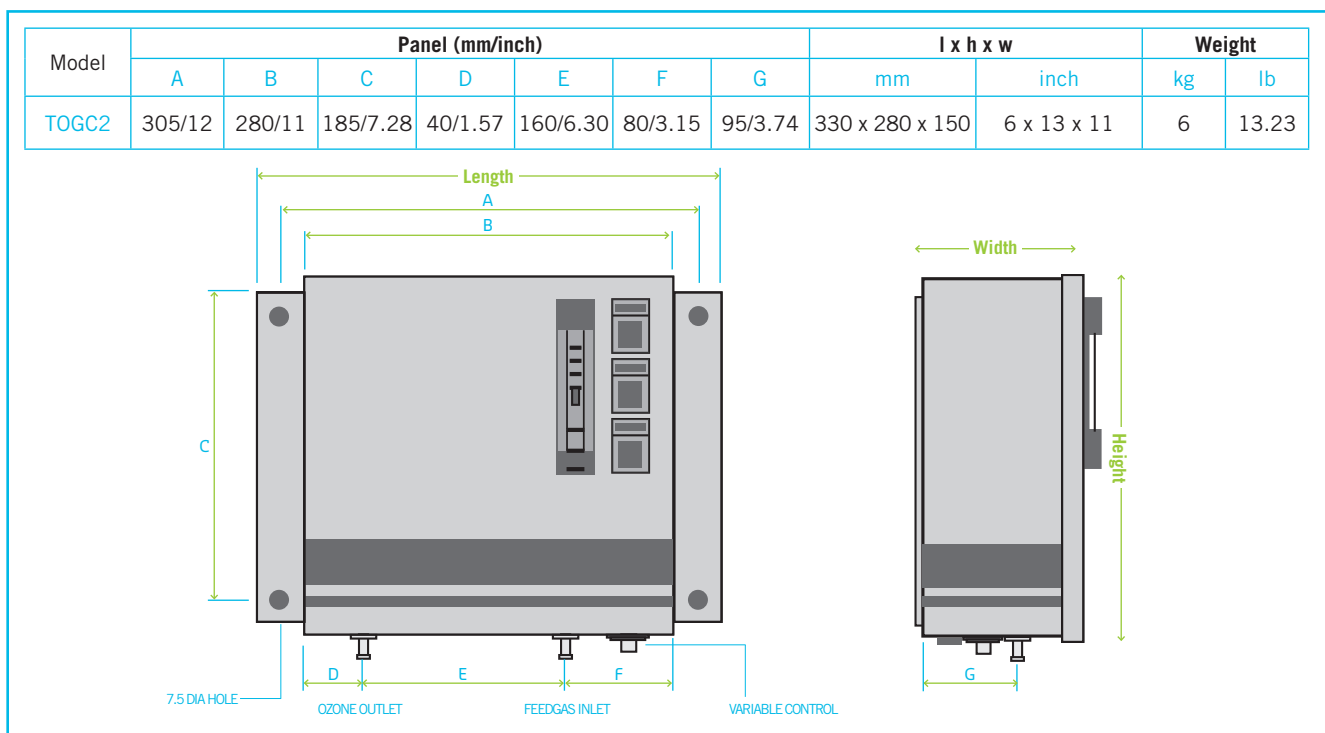
► Remote controls and alarms

- **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



Contacts

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