BIO UV Group

The water treatment specialist

ozone
triogen® TOGC2

The **triogen® TOGC2** is a corona discharge type ozone generator with variable ozone output. Producing up to 4g O_3/h using air and 10g O_3/h using oxygen. It is designed specifically for small industrial ozone applications.

applications

- Industrial oxidation processes
- Process validation (bench-scale trials)
- Bottled water
- Disinfection

technology

The TOGC2 ozone generator is a small wall-mountable air-cooled unit specifically designed for industrial use incorporating function indicators, feed gas flowmeter and variable output control. Output variation is manually adjustable using a control knob mounted on the front panel. Operating on various feed gases such as dried air or oxygen, the TOGC2 is versatile and capable of producing up to 10 g/hr.

main features

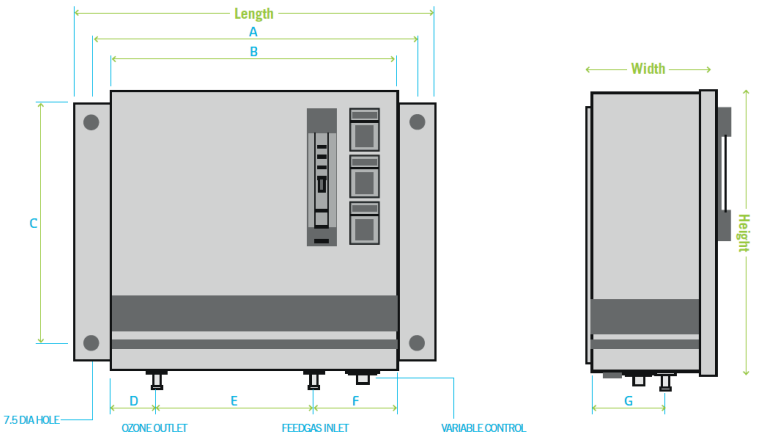
- Ozone generator producing up to 10g/hr for small industrial ozone applications
- Feed gas: oxygen (PSA) or ambient air
- Variable ozone output up to 10g O_3/h
- Operate under vacuum or at maximum pressure of 10psig
- Illuminating switches indicating ozone production and faults
- Air cooled
- O&M manual including performance graphs
- Compact dimensions

technical data

Model	Ozone Output[1]	Ozone Output[2]	Feed gas flow rate		Variable output control	Power Supply Rating	Power consumption
	g/h	g/h	l/min	l/min oxygen	%	v (±10v) / ph / Hz	W
triogen® TOGC2	4.0	10	4-10	2-5	5 - 100	230 / 1 / 50 or 115 / 1 / 50-60	105

[1] feed gas: dry-air-60° C dewpoint
[2] feed gas: 90-99.7% Oxygen with minimum 0.3% Nitrogen
For requests outside of technical specifications, please contact us

Model	Panel (mm/inch)							l x H x W	Weight
	A	B	C	D	E	F	G	mm	kg
triogen® TOGC 8X	305/12	280/11	185/7.28	40/1.57	160/6.30	80/3.15	95/3.74	330 x 280 x 150	9.5



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
- Flowmeter: 2-10l/min

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

options

- Vent ozone destructor
- 4-20mA external output control

controls and outputs

- Ozone ON-OFF: green illuminator switch
- Fault: red illuminator switch

contact

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