

ozonia[®] TOGC2

ozone generators



The ozonia[®] TOGC2 is a corona discharge type ozone generator with variable ozone output. Producing up to 4g O₃/h using dry air and 10g O₃/h using oxygen.

The TOGC2 is designed specifically for small industrial ozone applications.

applications

- industrial oxidation process
- drinking water
- waste water
- bottled water
- education

ozone technology: ozonia® TOGC2

The ozonia® 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 O₃/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 O₃/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 including performance graphs
- ▶ full twelve month warranty and technical backup facilities

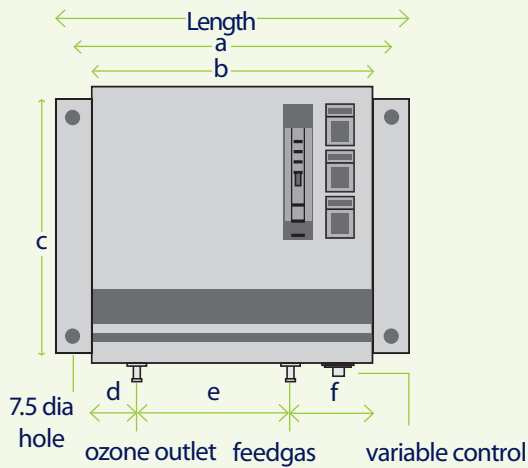
| TOGC 2 model | ozone output (g/h) | | feed gas flow rate (l/min) | | variable output control (%) | power supply (v/ph/Hz) | power consumption W |
|---------------------------|--------------------|-----------------------|----------------------------|--------|-----------------------------|------------------------|---------------------|
| | air ⁽¹⁾ | oxygen ⁽²⁾ | air | oxygen | | | |
| ozonia [®] 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 |
| ozonia [®] 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 |

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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



Veolia's ozonia® ozone technology portfolio includes products from the laboratory scale to the largest ozone systems ever built. Veolia uses our extensive ozone technology experience to provide the industry's most reliable and robust products.

Our unique ability to deliver the most reliable and robust systems is why thousands of customers around the world have chosen ozonia® ozone systems.

We have been the ozone industry pioneer for over 25 years. Trust Veolia to deliver the highest quality ozone solutions to meet your treatment challenges.

7
product ranges
certified to
international
standards

over
10,000
installations

over
25
years of
experience



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