



OZONE

INDUSTRIAL

VARIABLE

SAFE

← Applications

- Industrial oxidation process
- Drinking Water
- Bottled Water

← Main characteristics

- Ozone generator producing up to 45 g/h for industrial use
- Feed gas: Oxygen



The TOGC8X, 13X & 45X are corona discharge ozone generators with variable output complete with an integrated oxygen concentrator and compressor. These models produce up to 8g/h, 13g/h or 45g/h, respectively, for smaller industrial ozone applications.

MAIN FEATURES

- Variable ozone output up to either 8g/h or 13g/h or 45g/h
- Fitted with an oxygen concentrator and compressor
- Operating and maintenance manual included performance graphs
- Operates under negative or positive pressure
- Illuminating switches indicating ozone production and faults
- Fans assisted air cooling
- Full twelve month warranty and technical backup facilities

OZONE TECHNOLOGY: TOGC8X, 13X & 45X

The TOGC8X, 13X & 45X ozone generators are wall-mountable, air-cooled units specifically designed for industrial use. The system incorporates function indicators, feed gas flowmeter, oxygen concentrator and variable output control.

The unit incorporates a compressor driven oxygen concentrator with automatically regenerated desiccant columns and all necessary flow control equipment.

HOW IT WORKS

Ozone is produced when 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 located on the front of the enclosure or by a 4 - 20 mA external signal.

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	Max. Ozone Output	Oxygen Flowrate	Variable Output Control	Power Supply	Power consumption	Cooling Water
	g/h	l/min	%	V/ph/Hz	W	L/h
TOGC8X	8	5	20-100	230/1/50 or 115/1/60	600	–
TOGC13X	13	5	20-100		650	–
TOGC45X	45	5	20-100		1300	90

Feed Gas: Oxygen
Compressor Flowrate: 70L/min@45 PSI

► Standards

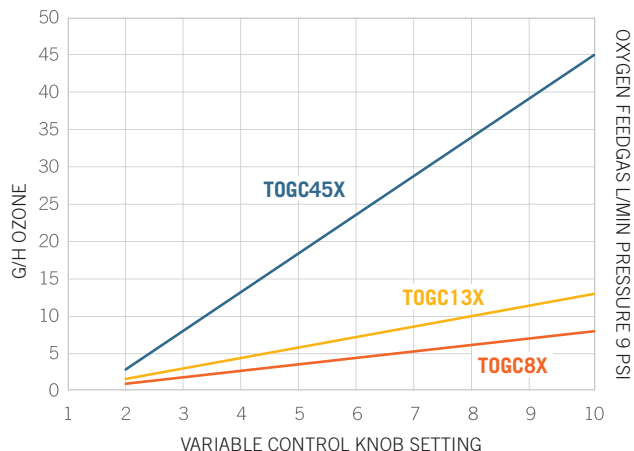
- **Protection Class:** IP54
- **Conformity:** CE

► Remote controls and alarms

- **Ozone ON-OFF Fault**
- **Feed gas Fault**
- **Oxygen Flowmeter**
- **External output control**

► Options

- **Vent ozone destructor**

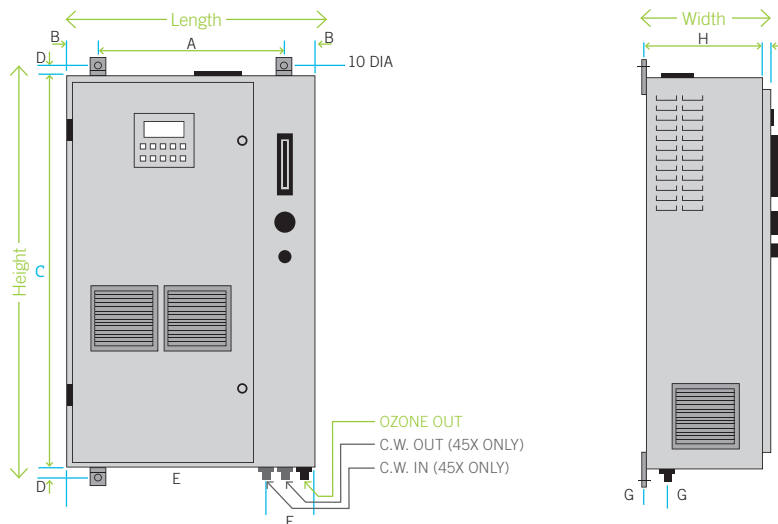


► Materials

- **TOGC8X & 13X outlet fittings :** 8 mm PVDF compression
- **TOGC45 outlet fittings :** 8 mm Stainless Steel compression
- **TOGC45X Cooling water fittings :** 12mm Brass

DIMENSIONS

Model	Panel (mm/inch)									l x h x w		Weight	
	A	B	C	D	E	F	G	H	I	mm	inch	kg	lb
TOGC8X	500/19.7	50/2.0	1000/39.4	30/1.2	540/21.3	60/2.4	25/1.0	230/9.1	20/0.8	600 x 1050 x 250	24 x 42 x 10	48	106
TOGC13X	500/19.7					60/2.4	25/1.0	230/9.1		600 x 1050 x 250	24 x 42 x 10	50	110
TOGC45X	550/21.7					110/4.3	45/1.8	280/11.0		650 x 1060 x 310	25.6 x 41.8 x 12.2	107	235



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