

# TOGC8X, 13X & 45X

Ozone Package

TRIOGEN



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 (PSA)



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 45g/h
- Fitted with an oxygen concentrator and compressor
- Operating and maintenance manual included performance graphs
- 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 generator are wall-mountable, air-cooled unit 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.

The electronic power board is designed for continuous

operation, with the added safety feature of 'fold back' short circuit protection. The dielectric is housed within a finned heat sink block, which is air cooled by fan assisted atmospheric air on the TOGC8X and TOGC13X, and water cooled on the TOGC45X.



## 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/min
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

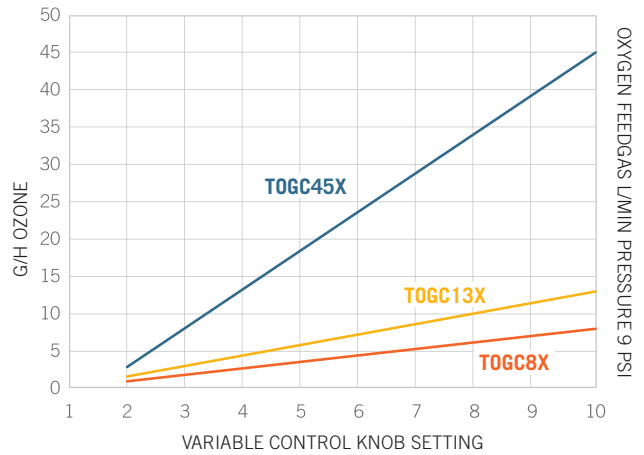
- **Protection Class:** IP54
- **Conformity:** CE

### ► Remote controls and alarms

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

### ► Options

- **Vent ozone destructor**

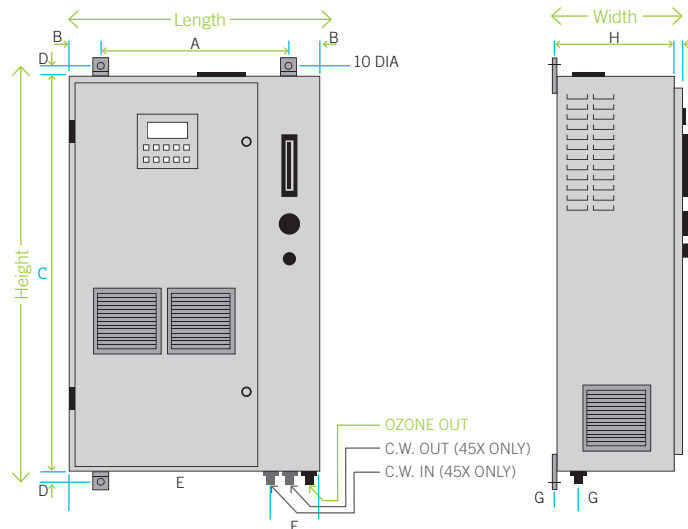


### ► Materials

- **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						110/4.3	45/1.8	280/11.0				50	110
TOGC45X	550/21.7									650 x 1060 x 310	25.6 x 41.8 x 12.2	107	235



### Contacts

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