

TOGC8X, 13X & 45X

Ozone Package

OZONE

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 O₃/h, 13g O₃/h or 45g O₃/h, respectively, for smaller industrial ozone applications.

APPLICATIONS

- Industrial oxidation process
- Drinking Water
- Bottled Water

MAIN CHARACTERISTICS

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

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.



PRODUCT HIGHLIGHTS

- > Variable ozone output up to 45g O₃/h
- > Fitted with an oxygen concentrator and compressor
- > Operating and maintenance manual including performance graphs
- > Illuminating switches indicating ozone production and faults
- > Fans assisted air cooling
- > Full twelve month warranty and technical backup facilities

TECHNICAL DATA MODEL	Max. Ozone Output (g/h)	Oxygen Flowrate (l/min)	Variable Output Control (%)	Power Supply (V/ph/Hz)	Power Consumption (W)	Cooling Water (l/h)
TOGC8X	8	5	20-100	230/1/50 or 115/1/60	600	-
TOGC15X	13	5	20-100		650	-
TOGC45X	45	5	20-100		1300	90

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
TOGC15X	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	50	110
TOGC45X	550/21.7	50/2.0	1000/39.4	30/1.2	540/21.3	110/4.3	45/1.8	280/11.0	20/0.8	650 x 1060 x 310	25.6 x 41.8 x 12.2	107	235

TECHNICAL FEATURES

- Feed Gas: Oxygen
- Compressor Flowrate: 70 l/min@45 PSI
- Protection Class: IP54
- Conformity: CE

MATERIALS

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

OPTIONS

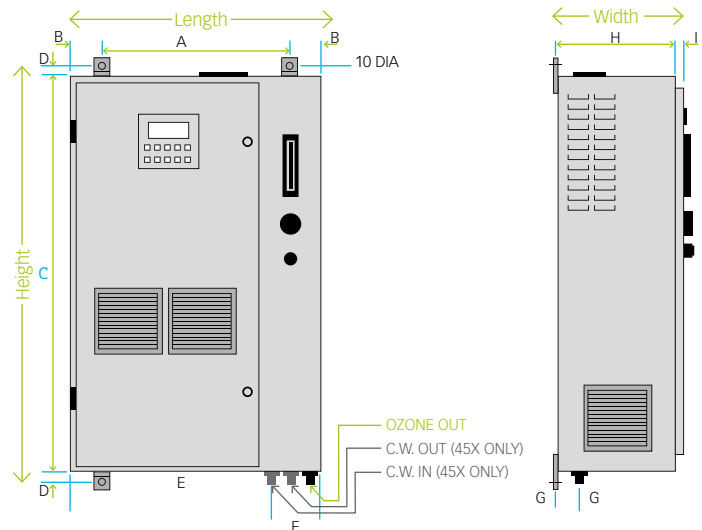
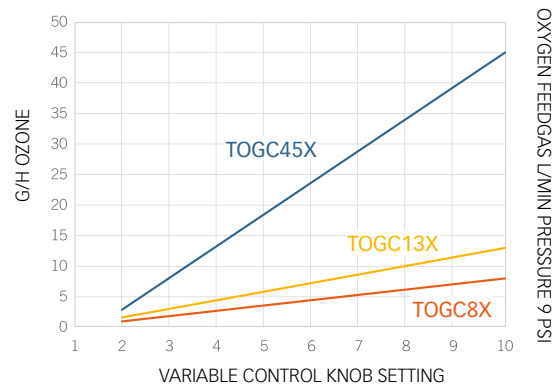
- Vent ozone destructor

REMOTE CONTROL AND ALARMS

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

CONTACT

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