



The water treatment specialist

ozone triogen® TOGC

The **triogen® TOGC** is a corona discharge ozone generator with variable output, complete with an integrated oxygen concentrator and compressor. These models produce up to 55g O₃/h for **smaller industrial ozone applications.**

applications

- Industrial oxidation process
- Drinking water
- Bottled water
- Aquaculture & Aquariums
- Cooling Towers
- F&B Industry

technology

The TOGC ozone generator is a wall-mountable, aircooled 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.

benefits +

- Ease of installation and operation
- Cost effective and reliable performance
- Variable, easily adjustable Ozone output
- Flexibility to use in a wide range of applications
- Compact footprint suitable for small spaces

technical features

- Ozone generator producing up to 55g/h for industrial use
- Feed gas: oxygen (PSA)
- Variable ozone output up to 55g 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
- Protection class: IP54



technical data

Model	Ozone Output	Oxygen flowrate	Variable output control	Power Supply Rating	Power consumption	Cooling water
	g/h	l/min	%	v (±10v) / ph / Hz	W	l/h
triogen® TOGC 8X	8	5	5 - 100	230 / 1 / 50 or 115 / 1 / 50-60	600	(air cooled)
triogen® TOGC 13X	13	5	5 - 100		650	(air cooled)
triogen® TOGC 45X	45	5	5 - 100	230 / 1 / 50-60	1500	90
triogen® TOGC 55X	55	8	5 - 100		1500	90

Model	Panel (mm/inch)									I x H x W	Weight
	A	B	C	D	E	F	G	H	I	mm	kg
triogen® TOGC 8X	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	48
triogen® TOGC 13X	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	50
triogen® TOGC 45X	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	107
triogen® TOGC 55X	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	107

For requests outside of technical specifications, please contact us

quality standards

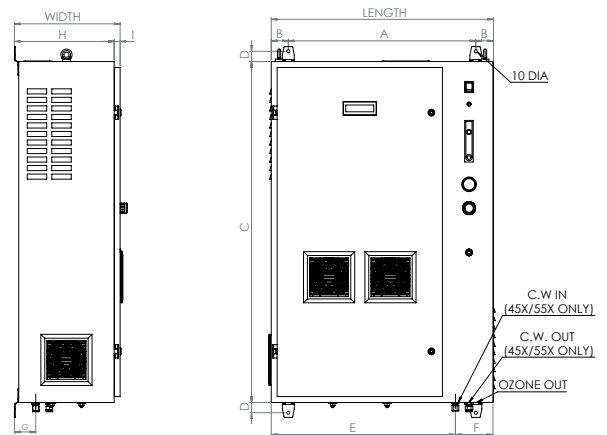
- ISO 9001 : 2015
- CE/UKCA Compliance
- IP54 protection class

materials

- TOGC 8X & 13X outlet fittings: 8mm PVDF compression
- TOGC 45X and 55X outlet fittings: 8mm stainless steel compression
- TOGC 45X and 55X cooling water fittings: 12mm brass

options

- Vent ozone destructor
- Pressure and vacuum option (on TOGC8X and TOGC13X only)



controls and outputs

- Ozone ON-OFF fault
- Feed gas fault
- Oxygen flowmeter
- External output control (4-20mA)
- Remote start/stop

contact

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