



The water treatment specialist

ozone triogen® TOGC XIS

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

applications

- Industrial oxidation process
- Drinking water
- Bottled water
- Cooling Towers
- F&B Industry
- CIP (Clean in place)

technology

The TOGC XIS ozone generator is a free-standing 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, compressor, injector and booster pump
- Operating and maintenance manual including performance graphs
- Illuminating switches indicating ozone production and faults
- Fans assisted air cooling
- Injector Pump Flowrate: 1.5m³/h
- System operates under vacuum



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)					Inlet	Outlet	I x H x W	Weight
	A	B	C	D	E	DN	DN	mm	kg
triogen® TOGC 8X	220/8.7	300/11.8	80/3.1	85/3.3	105/4.1	25	25	600 x 1675 x 450	83
triogen® TOGC 13X	220/8.7	300/11.8	80/3.1	85/3.3	105/4.1			600 x 1675 x 450	85
triogen® TOGC 45X	245/9.6	325/12.8	80/3.1	105/4.1	85/3.3			650 x 1675 x 500	128
triogen® TOGC 55X	245/9.6	325/12.8	80/3.1	105/4.1	85/3.3			650 x 1675 x 500	128

For requests outside of technical specifications, please contact us

quality standards

- ISO 9001 : 2015
- CE/UKCA Compliance
- Protection Class: IP54

material options

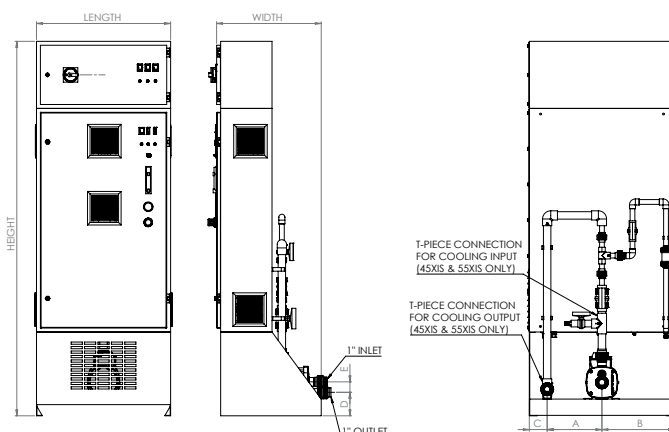
1. Standard - mild steel skid & PVC piping
2. Option - stainless steel skid & PVC piping
3. Option - mild steel skid & stainless steel piping
4. Option - stainless steel skid & stainless steel piping

process connections

- Inlet 1" BSP female thread (Pump)
- Outlet 1" plain uPVC union
- Metric connections provided

contact

triogen® by BIO-UV Group
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 www.bio-uv.com



controls and outputs

- Ozone ON-OFF Fault
- Feed gas, booster pump faults
- Oxygen flowmeter
- External output control (4-20mA)
- Remote start/stop