



The water treatment specialist

ozone triogen® O₃ S series

The **triogen® O₃ S series** is specially designed for water treatment of **private and hotel swimming pools and small aquatic applications**. Ozone is capable of effective treatment against chlorine resistant micro-organisms, oxidation of various organic matter and flocculation of colloidal particles, which significantly improves water quality.

The range consists of a corona discharge ozone generator and automatically regenerated air dryer unit which can be used in combination to give ozone outputs from 1 – 8 g/hr.

applications

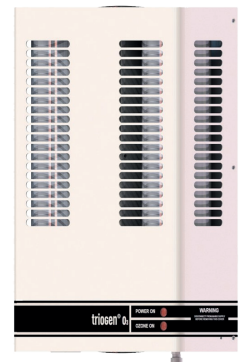
- Residential pools
- Hotels and spa pools
- Aquariums and aquaculture
- Ponds, fountains, and water features

benefits +

- Safely lower free chlorine residual
- Chloramine destruction reducing "red eye" and irritation of skin and respiratory system
- Significant improvement in water clarity and air quality
- Can help to inhibit the growth of algae
- Trihalomethane (THM) levels are minimised
- Simple to install and operate with minimal plant room space requirement
- Designed for maximum operator and bather safety

technical features

- Compact wall mounted ozone generator and air dryer
- Corona discharge modules designed for 10+ years operation
- Ozone safely generated and injected under vacuum
- Air cooled system
- Thermostatic system protection
- Power and operation indicators
- CE and UKCA certified, manufactured to ISO 9001 : 2015
- Full range of accessories are available including contact tank, degassing unit, ozone injector and ozone booster pump



technical data

Model	triogen® O ₃ S2	triogen® O ₃ S4	triogen® O ₃ S8
Ozone flow rate (g/hr)	1 – 2	2 – 4	4 – 8
Air flow rate (L/min)	10	10	20
Power supply	230V (±10V) 1ph 50Hz or 110V 1ph 60Hz (option)		
Typical pool volume (m ³)	100 – 200	200 – 400	400 – 800
Ozone generator dimensions (L x H x D)	155 x 440 x 110		
Ozone generator weight (kg)	4.4		
Air dryer dimensions (L x H x D)	305 x 440 x 110		
Air dryer weight (kg)	10		

For requests outside of technical specifications, please contact us

scope of supply

Model	Ozone generator TOGB2	Air dryer TADCI	Ozone injector	Flow meter	Water trap assembly	8mm PTFE tubing
triogen® O ₃ S2	1 off	0	1 off	1 off	1 off	3 m
triogen® O ₃ S4	1 off	1 off	1 off	1 off	1 off	2 x 3 m
triogen® O ₃ S8	2 off	1 off	2 off	2 off	2 off	3 x 3 m

quality standards

- ISO 9001 : 2015
- CE/UKCA Compliance

materials

- Enclosures: mild steel, epoxy coated
- Ozone module: 316L stainless steel electrode assembly inside a ceramic dielectric tube

controls and outputs

- Ozone On: red illuminator switch
- Air Flow: Externally fitted air flowmeter 0-25 l/min
- Power on illuminator

options

- Booster pump
- Contact degassing chamber, Carbon off-gas destructor & Water trap, Ozone booster pump
- 4-20mA external output control

contact

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