



The water treatment specialist

# ozone triogen® O<sub>3</sub> Clear

The triogen® O<sub>3</sub> Clear is a compact and complete system designed to improve water quality for **private, hotel, and spa swimming pools, aquatic applications and water features**. The system combines the triogen® Ozone generator, booster pump, injection assembly, and compact degasser for variable Ozone outputs between 1-8 g/hr, with the option of two system configurations for ease of installation.

## applications

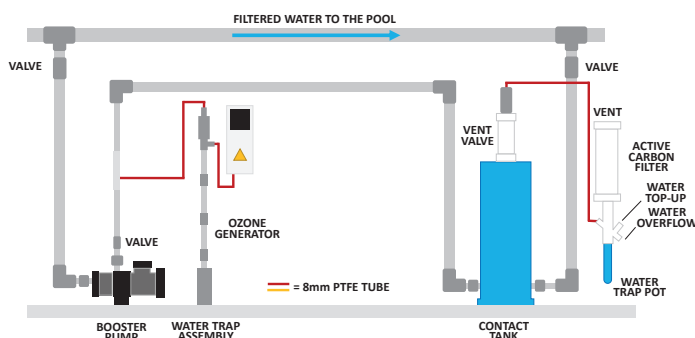
- Residential pools
- Hotels and spa pools
- Aquariums and aquaculture
- Ponds, fountains, and water features

## benefits +

- Ease of installation and operation
- Cost effective and reliable performance
- Variable, easily adjustable Ozone output
- High levels water quality
- Reduction in free Chlorine, Trihalomethanes, Chloramines, turbidity, and unwanted colours and odours
- Ozone delivered on-demand under vacuum

## technical features

- Corona discharge ozone generators capable of 1-2, 2-4, and 4-8 g/hr Ozone production
- Bespoke injection assembly and integrated booster pump for slipstream operation
- Compact degasser and contact tank with continuous off-gas destruction
- Universal 1" – 1 ¼" pipe connections
- Two configuration options; Back-to-Back and Side-by-Side



O<sub>3</sub> Clear

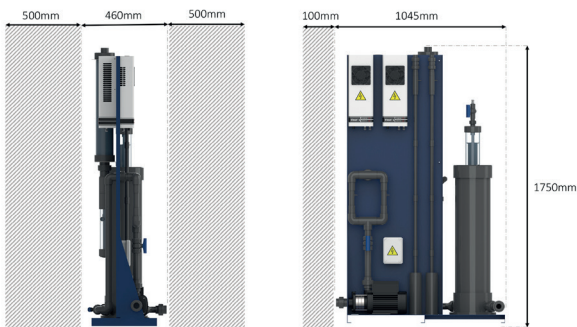
# technical data

Model	Ozone Output (variable)	Air Flow (variable)	Water Flow (nominal)	Power Supply Rating	Rated Power	Typical Pool volume	Target Ozone residual after treatment
	g/h	l/min	m <sup>3</sup> /h	v (±10v) / ph / Hz	kW	m <sup>3</sup>	mg/l (ppm)
O <sub>3</sub> Clear-2	1-2	10	3.1	240 / 1 / 50 (standard) or 115 / 1 / 60 (option)	0.62	100-200	<0.05
O <sub>3</sub> Clear-4	2-4	10	3.1		0.76	200-400	<0.05
O <sub>3</sub> Clear-8	4-8	20	4.8		0.98	400-800	<0.05

For requests outside of technical specifications, please contact us

## option A: back-to-back

## option B: side-by-side



Model	System configuration	Overall system dimensions (mm)	Pipework connections (OD: mm/in)		Weight
	g/h	L x W x H	Water In	Water Out	kg
O <sub>3</sub> Clear-2	Back-to-Back	1045 x 460 x 1750	25/1	32/1 1/4	70
O <sub>3</sub> Clear-4	Back-to-Back	1045 x 460 x 1750	25/1	32/1 1/4	80
	Side-by-Side	1565 x 460 x 1750	25/1	32/1 1/4	110
O <sub>3</sub> Clear-8	Back-to-Back	1045 x 460 x 1750	25/1	32/1 1/4	85
	Side-by-Side	1565 x 460 x 1750	25/1	32/1 1/4	115

## equipment in scope

- Ozone generators
- Gas injector, flowmeter, and 8mm PTFE tubing
- Water trap assembly
- Compact degasser, vent and Ozone destructor
- Booster pump CM3-5 (-2 and -4 models) and CM5-4 (-8 model)
- Air dryer (-4, and -8 models only)

## materials

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

## quality standards

- ISO 9001 : 2015
- CE/UKCA Compliance

## controls and outputs

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

## contact

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