

The triogen® O₃Clear is a compact and complete system designed to disinfect and 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

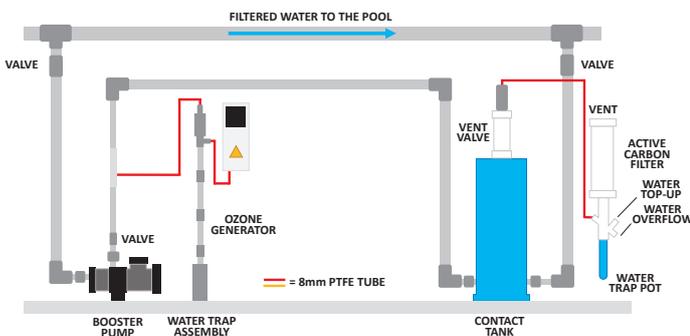
- Private Pools
- Hotels and spa pools
- Aquariums and aquaculture
- Ponds, water features and fountains

BENEFITS

- Ease of installation and operation
- Cost effective and reliable performance
- Variable, easily adjustable Ozone output
- High levels of disinfection and water quality
- Reduction in free Chlorine, bacteria, algae, 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 1/4" pipe connections
- Two configuration options; Back-to-Back and Side-by-Side



TECHNICAL DATA O ₃ Clear MODEL	Ozone Output (variable)	Air Flow (variable)	Water Flow (Nominal, slipstream)	Power Supply Rating	Rated Power	Typical Swimming Pool Volume	Target Ozone residual after treatment
	g/h	l/min	m ³ /h	V (± 10V) / pH / Hz	kW	m ³	mg/l (ppm)
O ₃ Clear-2	1-2	10	3.1	240V / 1ph / 50Hz (standard) or 115V / 1ph / 60Hz (option)	0.62	100-200	<0.05
O ₃ Clear-4	2-4	10	3.1		0.76	200-400	<0.05
O ₃ Clear-8	4-8	20	4.8		0.98	400-800	<0.05

OPTION A: BACK-TO-BACK

OPTION B: SIDE-BY-SIDE



TECHNICAL DATA O ₃ Clear 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 ₃ Clear-2	Back-to-Back	1045 x 460 x 1750	25 / 1	32 / 1 1/4	70
O ₃ 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 ₃ 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

CONTROLS AND OUTPUTS

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

QUALITY STANDARDS

- ISO 9001 : 2015
- CE/UKCA Approved

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