

## OZONE GENERATORS

Our new **'Crystal Clear' Ozone Generators** use corona discharge technology and each is designed as totally integrated systems, providing a synergistic approach to water purification. This provides facility operators with a simple, automated and low maintenance system. Our **'Crystal Clear' Ozone Generators** are used in a number of industries including *Aquaculture, Public Aquariums/Zoos, Water Theme Parks and Wastewater*. Ozone is utilized to destroy bacteria and inactivate viruses and cysts. As a result of Ozone being pH neutral, Ozone oxidizes oils and contaminant's, creating crystal clear water. Ozone also reduces the need for and use of chlorine and chloramines. Further, Ozone reduces maintenance, protects equipment and lowers operating costs.



### OZONE GENERATOR CLIENTS

- Aquaculture Facilities
- Commercial Pools
- Public Aquariums
- Wastewater Facilities
- Water Theme Parks

When used in aquatic life support systems (LSS) such as *Public Aquariums and Aquaculture Facilities*; **'Crystal Clear' Ozone Generators** destroy bacteria, inactivate viruses, and oxidizes organics, which aids in filtration. The result is water that is clean and clear without harm or irritation to animals. Corona Discharge Ozone Generators are designed to meet high reliability and performance standards. Corona discharge units incorporate

an inclusive computer controlled operating system with interlocked sensors and regulating devices. In addition to ensuring proper start-up/shut down sequences, keyed indicator LED's provide an integral visual diagnostic tool. This complete system allows for customization/expansion to easily accommodate individual customer needs.

Three (3) series of units available that include our *OGS Series, OGM Series, and OGC Series*.

Our *OGS* units are our smaller, more compact units. These units are commonly installed on water volumes from 7,000 to 25,000 gallons with outputs of 0.3 g/hr (grams per hour) to 1.0 g/hr. Our *OGM* units begin our commercial/industrial grade units with output ranges of 2 to 45 grams per hour. Each unit in this series is designed for installation with an injector manifold plumbed into the main return line after all other equipment. Our *OGC* units are our newest and most technologically advanced commercial/industrial units with output ranges of 65 to 1,200 grams per hour.

Some of the amazing features of our **'Crystal Clear' Ozone Generators** include *Fully Integrated, On-Board Computer System with Visual Diagnostic LED (All Series), Oxygen Concentrator (OGM and OGC Series), Back-Flow Detection/Protection (OGM and OGC Series), Built-In ORP Controller/Monitor (OGM and OGC Series), All Stainless Steel, Vertical Tube and Shell Water Cooled Generator Module Design, (OGM and OGC Series), Medium Frequency Cold Plasma Electrodes, (OGM and OGC Series), NEMA 3R Compliant Steel Enclosure, (OGM and OGC Series), Self-Contained Oxygen Concentrator (OGC Series), Auto Feed Gas Control to maintain vacuum (OGC Series)*.

There are also a number of options that can be added to your system based on needs. Such options include an *Ambient Ozone Monitor/Controller, Dissolved Ozone Monitor/Controller, Mixing/Degassing Tower, Contact/Degass Tank, Degas Valves, Catalytic Ozone Destruct Units, Dry Tap Sensor Ports, Mazzei Injectors, Flow Splitters, Flow Switches* and much more. Please consult with an *AREA Technical Representative* for assistance.

### OGS SERIES

MODEL	DESCRIPTION	LIST PRICE
OGS-1	Ozone Generator For Up To 7,000 Gallons	\$455.00
OGS-2	Ozone Generator For Up To 15,000 Gallons	720.00
OGS-4	Ozone Generator For Up To 25,000 Gallons	1109.00
PB-0210	OGS Series Parts Bag	260.00
MDS-10	Mini Degas System	435.00

\* Please Consults With An **AREA Technical Representative** For Sizing Assistance

### OGM SERIES

PART NO.	DESCRIPTION	ELECTRICAL (Amps)	CAPACITY		LIST PRICE
			LBS./DAY	G/HR	
OGM-2	Ozone Generator (120 V, 1 Ph, 60 Hz)	3.5	0.10	2.0	\$3,900.00
OGM-5	Ozone Generator (120 V, 1 Ph, 60 Hz)	4.5	0.26	5.0	4,675.00
OGM-7	Ozone Generator (120 V, 1 Ph, 60 Hz)	5.5	0.37	7.0	5,000.00
OGM-15	Ozone Generator (120 V, 1 Ph, 60 Hz)	7.0	0.80	15.0	10,100.00
OGM-25	Ozone Generator (240 V, 1 Ph, 60 Hz)	7.5	1.30	25.0	13,000.00
OGM-45	Ozone Generator (240 V, 1 Ph, 60 Hz)	18.0	2.30	45.0	20,000.00

### OGC SERIES

PART NO.	DESCRIPTION	ELECTRICAL (Amps)	CAPACITY		LIST PRICE
			LBS./DAY	G/HR	
OGC-65V	Ozone Generator (240 V, 1 Ph, 60 Hz)	15.0	3.4	65	CALL
OGC-130V	Ozone Generator (240 V, 1 Ph, 60 Hz)	20.0	6.8	130	CALL
OGC-250V	Ozone Generator (240 V, 3 Ph, 60 Hz)	4.5	13.0	250	CALL
OGC-400V	Ozone Generator (480 V, 3 Ph, 60 Hz)	6.8	22.0	400	CALL
OGC-800V	Ozone Generator (480 V, 3 Ph, 60 Hz)	13.2	42.0	800	CALL
OGC-1200V	Ozone Generator (480 V, 3 Ph, 60 Hz)	20.0	63.0	1200	CALL

### OPTIONAL EQUIPMENT

- Ambient Ozone Monitor
- Dissolved Ozone Monitor
- Mixing/Degassing Tower
- Contact/Degassing Tank
- Degas Valves
- Ozone Destruct Units
- Dry Tap Sensor Ports
- Mazzei Injectors
- Flow Splitters
- Flow Switches