



DEL:Ozone

APG OZONE GENERATOR

PATENTED APG OZONE CELLS

DESTROYS HARMFUL CONTAMINANTS

REDUCE CHEMICAL DEMAND



CMP POOL PRODUCTS

c-m-p.com/DEL

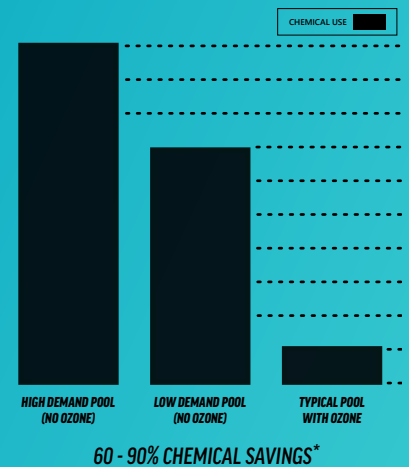
OZONE CREATES SAFER, CLEANER, CLEARER WATER

THE ADVANTAGES OF OZONE

Ozone systems provide clean, clear and safe water for your pool, as well as a significant reduction in chlorine use.

- Destroys 99.9% Of Harmful Contaminants
- Quickly Oxidizes Crypto, Giardia and Other Chlorine Resistant Microorganisms
- Dramatically Reduces Chemical Demand and Increases Effectiveness Of Residual Sanitizers
- Eliminates Chemical Odors, Irritation and Damage To Pool Systems
- Operate Chemical Feeders & Generators at a Lower Level While Maintaining a Safe Residual

CHEMICAL USE COMPARISON

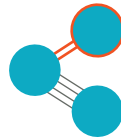


THE SCIENCE OF OZONE

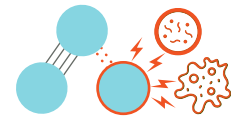
Unlike the Oxygen we breathe (O_2), Ozone is a powerful oxidant made of three oxygen atoms (O_3). The third oxygen atom in Ozone has a weak bond, which breaks off and destroys foreign bodies in the water. Ozone can safely kill pathogens, microorganisms and both organic and inorganic contaminants through oxidation.



Energy created in the patented APG cell splits molecular oxygen (O_2) into atomic oxygen (O_1)



The single oxygen atoms form a weak bond with free oxygen molecules to create ozone (O_3)



Once ozone contacts contaminants, the weak bond is broken, and the free oxygen atom destroys the foreign bodies & contaminants.

THE POWER OF OZONE

Ozone is much more powerful than chlorine and other sanitizers. In ozone systems, the ozone molecules react with dissolved, waterborne contaminants in a series of strong oxidation reactions.

Working with a residual sanitizer, a DEL Ozone system creates a safer, cleaner pool.

OXIDATION POTENTIAL: ELECTRON VOLTS (eV)



*Chemical use data extrapolated from studies of CT performance data and commercial performance response.

DEL:OZONE



- DESTROYS 99.9% OF VIRUSES & BACTERIA
- REDUCES CHEMICAL REQUIREMENTS BY 60-90%
- REMOVES EYE AND SKIN IRRITANTS FROM WATER

PRODUCT DETAILS

- Patented Advanced Plasma Gap Technology (APG)
- 110/240 Universal Voltage
- Wall Mount Installation
- UL, cUL Certified
- Injector Manifold Kit Available
- MDV Kit Available



DEL:OZONE ABG25

For above ground pools up to 25,000 gallons

DEL:OZONE 25

For pools up to 25,000 gallons

DEL:OZONE 50

For pools up to 50,000 gallons

DEL:OZONE 100

For pools up to 100,000 gallons

ORDERING GUIDE

CMP P/N	DESCRIPTION	APPLICATION
EC-AG1U	DEL OZONE ABG 25	FOR ABOVE GROUND POOLS UP TO 25,000 GALLONS
EC-10	DEL OZONE 25	FOR POOLS UP TO 25,000 GALLONS
EC-20	DEL OZONE 50	FOR POOLS UP TO 50,000 GALLONS
EC-40	DEL OZONE 100	FOR POOLS UP TO 100,000 GALLONS
MDV-10	MDV SINGLE SPEED KIT	FOR SINGLE SPEED PUMP SYSTEMS
MDV-10-04	MDV VARIABLE SPEED KIT	FOR VARIABLE SPEED PUMP SYSTEMS
9-0210-11	PARTS BAG: 2" UNIVERSAL INJECTOR MANIFOLD	—
9-0210E	PARTS BAG: #978 INJECTOR, NO BYPASS	—
9-0150E	PARTS BAG: NO INJECTOR	—

DEL OZONE 25, 50,100 PREVIOUSLY SOLD AS ECLIPSE 10, 20, 40



ADVANCED OZONE GENERATION

DEL patented Advanced Plasma Gap (APG) ozone cells are the most effective and efficient way to produce ozone sanitizer systems.

RELIABILITY

The long-lasting DELCheck® certified APG Ozone cell outlasts classic CD cell designs. Cells last up to 5 years without significant reduction in output.

PERFORMANCE

APG generates maximum ozone for cleaner water. Unlike UV type ozone generation, APG cell performance is not affected by water clarity.

TECHNOLOGY

Advanced Plasma Gap is patented DEL technology unavailable on other ozone generation system. APG is unmatched in residential ozone production.

SPECIFICATIONS

	DEL OZONE ABG 25	DEL OZONE 25	DEL OZONE 50	DEL OZONE 100
Application	Up to 25,000 Gallons	Up to 25,000 Gallons	Up to 50,000 Gallons	Up to 100,000 Gallons
Ozone Output (Nominal)	0.25 g/hr	0.25 g/hr	0.5 g/hr	1.0 g/hr
APG Cell Quantity	2	2	4	6
Voltage	110/240 VAC Universal	110/240 VAC Universal	110/240 VAC Universal	110/240 VAC Universal
Power	12 Watts	12 Watts	24 Watts	38 Watts
Mounting	Wall	Wall	Wall	Wall
Dimensions (L x W x H)	6.1" x 2.8" x 8.6"	7.8" x 3.2" x 14.1"	7.8" x 3.2" x 14.1"	7.8" x 3.2" x 21.3"
Weight	1.8 lb	8.2 lb	9.0 lb	13.2 lb
Plumbing Options	- Venturi Injector - MDV	- Injector Manifold - MDV	- Injector Manifold - MDV	- Injector Manifold - MDV
Certifications	UL, cUL	UL, cUL	UL, cUL	UL, cUL
Ozone Cell Life	+ 5 Years	+ 5 Years	+ 5 Years	+ 5 Years
Warranty	1 Year	1 Year	1 Year	1 Year



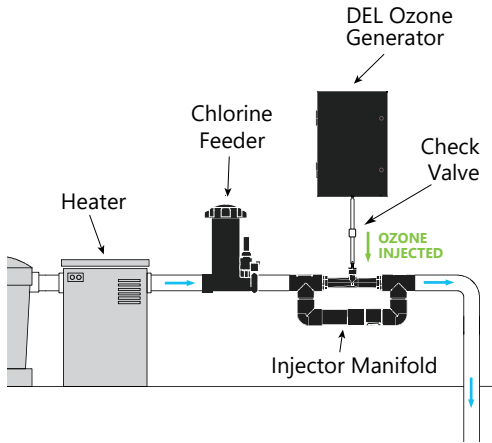
All DEL products are quality certified through a multi-step process to ensure seamless operation and complete customer satisfaction.



DEL products from CMP are environmentally friendly, reduce dependence on chemicals and are safe for every pool.

INSTALLATION DIAGRAMS

All DEL systems are designed for easy installation on both new and existing residential pool applications. The ozone generator is easily wall mounted and connects to the pool timer. The automated system injects ozone through an Injector Manifold assembly that is installed in the return line following the filter and heater. To eliminate the potential for bubbles in the pool, an MDV Kit can be used to ensure that all ozone is removed prior to the return line re-entering the pool.



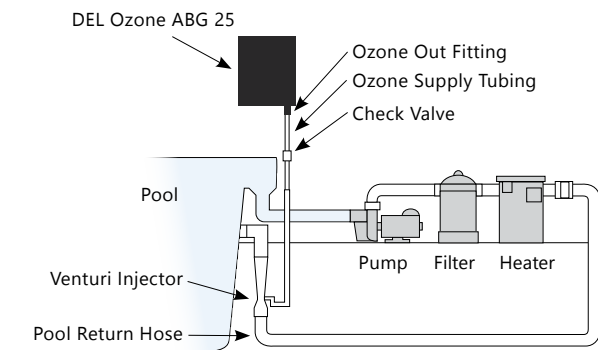
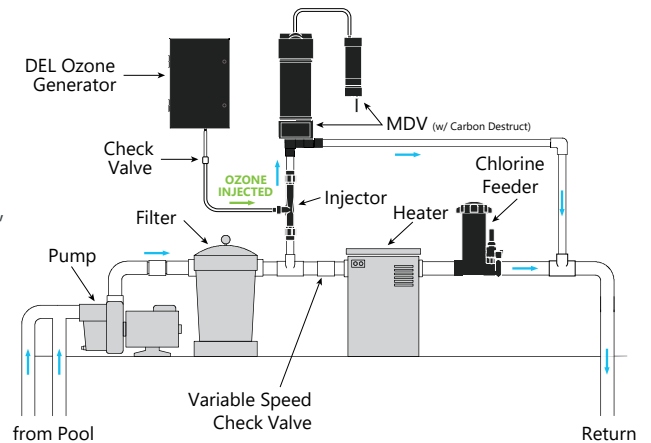
INJECTOR MANIFOLD KIT INSTALLATION

The Injector Manifold Kit should be plumbed into the pool line. Ozone is injected through a venturi while the pool circulation system is operating.



MDV KIT INSTALLATION

To install a DEL Ozone system with the Mixing De-Gas Vessel (MDV), connect the ozone generator to a regular Venturi injector included in the MDV install kit. This flows into the MDV and back out to a dedicated or main return.



DEL OZONE ABG INSTALLATION

To install a DEL Ozone system with the Mixing De-Gas Vessel (MDV), connect the ozone generator to a regular Venturi injector included in the MDV install kit. This flows into the MDV and back out to a dedicated or main return.

COMPLETE YOUR OZONE INSTALLATION WITH THE MDV

When used with the DEL Ozone lineup, the MDV prevents ozone bubbles from returning to the pool. It prevents bubbles from gathering under the cover or inside plumbing. In each MDV, a GAC carbon destruct cartridge destroys excess ozone as it is removed.

WHEN TO USE THE MDV

- To protect a pool cover from possible damage
- To protect pool components, fittings and surfaces
- With indoor or enclosed pools
- When an "oversized" ozone unit is installed
- Any time all ozone bubbles must be removed from the water





DESIGNING A SAFE MODERN POOL

Technology has come a long way, and so have pool sanitizers. By combining the best available technologies, every pool can be crystal clear and absolutely safe.

DESTROY CHEMICAL RESISTANT BACTERIA

Some of the most dangerous pool contaminants are also resistant to chlorine and other chemicals. Harmful organisms such as *Cryptosporidium* require long term exposure to high chlorine levels to be destroyed. Ozone oxidizes these types of contaminants for a safer pool.

WORK WITH YOUR RESIDUAL FOR THE BEST PERFORMANCE

Chlorine and other chemicals are good at keeping pool water actively safe even when the pump is off. Ozone destroys contaminants, breaks down chloramines and creates more comfortable water. Working together, a residual sanitizer and ozone system create a complete modern pool system.

REDUCE CHEMICAL DEMAND

By allowing ozone to work at quickly oxidizing organic compounds, chlorine is free to work better. This reduces the chemical demand and greatly reduces the amount of chemicals that have to be added to the water. Every pool can experience a reduction in chemicals and a reduction in annual chemical costs.

DEL:Ozone + **POWERclean**
ULTRA VS

Combine Powerful Ozone Sanitizing With The First Chlorinator Designed For Variable Speed