

for complete peace of mind

Pool Ozone Units



OZONE – O3

Ozone is a natural gas that we breathe daily. It is created when oxygen (O₂) molecules are split into two separate atoms by ultra violet radiation from the sun, lightning, and electric arc. The freed atoms recombine in 3-atom groups to form cousins of oxygen: ozone (O₃). The word ozone comes from the Greek word ozein meaning smell, because of its distinctive sun-ray lamp smell. Ozone is nature's way of cleaning pollution from our atmosphere.

Ozogen Pool Use

Ozogen swimming pool ozone machine generators are designed to produce ozone at adequate levels of ozone to keep your pool bacteria and virus free.

In most instances, no additional sanitizer is required.

Pools however differ in sizes, type and location.

As a result, the ozone demand may be different for different pools and variants of the standard protocol may have to be applied.

Ozone is a gas produced from oxygen in an ozone generator.

Protocol for Ozone pool management is as follows:

1. Use of Ozone as the primary disinfectant.
2. Use of an algaecide if necessary to kill any green or black algae.

The key to preventing algae growth is to keep your pool clean and backwash regularly.

Algae requires nutrients to grow, these nutrients are typically introduced into the pool in the form of leaves, dust and soil etc.

Ozogen can provide a non toxic additive chemical to remove any nutrients in the water.

Available Units

OZOGEN currently make 4 pool units to cater for different pool sizes. All units use a combination of high purity ceramic components matched with a high grade of stainless steel for the corona generation which ensures high performance for many years. Ambient air is sucked through the unit producing Ozone that is induced into the pool by means of a venturi installed on the pools return pipe from the pool filter to the pool. The electronics together with corona generator are installed in a high grade housing together with a 220v cooling fan and neon lamp.

O3P001 (Spa Baths and pools up to 10 000 Litres)

O3P002 (Pools up to 30 000 Litres)

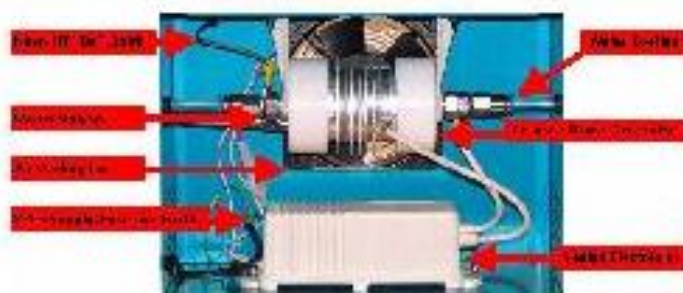
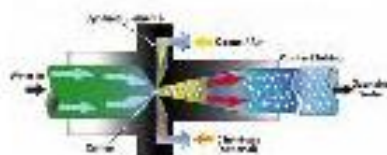
O3P003 (Pools up to 50 000 Litres)

O3P004 (Pools up to 80 000 Litres)

Specialised units for pools bigger than 80 000 Litres are available upon request.

(Litre Calculation: Meters (L) x Meters (W) x Meters (D) = cubic meters x 1000 = Total Litres)

Ozone is induced into pool water using a Venturi as per below, installed on the pump return pipe.



It is widely accepted that ozone is one of the most potent sanitizers.

Ozone can be an extremely effective method of maintaining your pool provided certain care is taken.

Should the garden have flooded and garden soil etc has entered the pool, this will directly result in algae growth. It is important that should this happen, the pool is cleaned properly and backwashed to remove these nutrients.

Standard Available Units

P001	1g/h
P002	3g/h
P003	5g/h
P004	8g/h

For further info, contact:
Bruce at 082 446 9216 or email
bruce@completeza.com or
visit www.completeza.com