

Ozone Generators



Ozogen O₃ Generators

Ozogen O₃ generators are designed to produce high levels of ozone with maximum durability.

When used on a swimming pool and if sized/ installed correctly, no additional sanitizer is required or worst case, very little.

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 algacide/ chlorine if necessary to kill any green or black algae.

The key to preventing algae growth is as mentioned previously, keeping your pool clean and backwashing regularly.

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

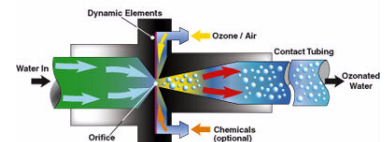
Ozogen use aluminium sulphate as a weekly treatment to remove phosphates

OZOGEN manufacture various units but have 4 basic units suited for standard 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 O₃ 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 cooling fan, neon lamp, fuse protection and earth strap.

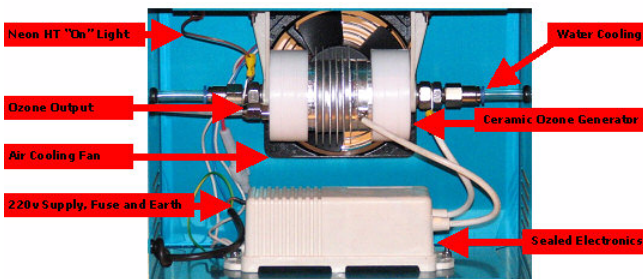
Ozone is a natural gas that we breathe daily. It is created when oxygen (O₂) molecules are split into two separate atoms by ultra violet radiation from the sun, lightning, and electric arc. The freed atoms recombine in 3-atom groups to form cousins of oxygen: ozone (O₃). The word ozone comes from the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

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



Standard Available Units

P102	2g/h
P103	5g/h
P104	10g/h
P105	15g/h



- P102 (Pools < 20KI)
- P103 (Pools < 50KI)
- P104 (Pools < 100KI)
- P105 (Pools < 150KI)

Units for pools bigger than 150 000 Litres are available upon request.

Optional extras like contacting tanks, degass and air prep equipment can be provided to improve overall performance.

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

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It is widely accepted that ozone is one of the most potent sanitizers with no harmful residual.

Ozone is an extremely effective method of maintaining your pool provided the pool is properly cleaned and the filter backwashed regularly.

and suspended debris from the pool water.

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 algae nutrients.