

Pool Ozone Unit

What Now Info?



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.

Pool Owner Guide—O3 Basics 101

BEFORE THE UNIT IS INSTALLED

It is important that you kill any algae and reduce the phosphate levels prior to the installation of the unit for optimum performance and minimal future chemical requirements.

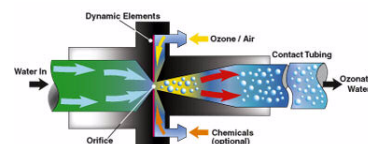
- 1) Check your PH and apply the correct chemicals to get your PH within the accepted range around the 7.4 mark. In most cases, your pool shop can assist you with this if you take them a water sample.
- 2) Next you need to thoroughly clean the pool by vacuuming up any dust/dirt/leaves off the bottom and brushing all the sides vigorously.
- 3) Clean out all the weir baskets and then backwash the filter until the peep glass clears, then rinse.
- 4) Now shock the pool using 1 packet of the Pool Brite pool shock product poured directly into weir and let the pump run for 5 minutes before performing the next step.
- 5) With the pump still running, add 1 heaped tablespoon of ALUM "Aluminum Sulphate" per 10kl. Brush the sides and bottom of the pool again. After 1 hour, switch the pump off and leave it off.
- 6) After 24hrs, switch on the pump and vacuum all the dust/sand on the bottom of the pool. Backwash the filter, rinse and refill the pool water level.
- 7) Pour in 1 x 2L bottle of Poolbrite Tru Blu directly into weir with the pump running and leave the pump running for 24hrs.

AFTER THE UNIT IS INSTALLED

Correct maintenance of your pool is key to keeping your pool and water in top shape.

- 1) With O₃, the pump must run for at least 12 hours daily. If the water looks a bit off then the pump should be run continuously until the water clears and then only set back to 12 hours daily.
- 2) Check your PH monthly and adjust as needed using the correct chemicals to maintain a PH around the 7.4 mark.
- 3) Every 2 weeks, apply 1 tablespoon of ALUM per 10kl. This should be added to the weir with the pump running. Directly after adding, brush the pool sides and bottom. Wait 24 hrs, vacuum the dust/dirt at the bottom of the pool. Backwash the filter and rinse.
- 4) If any algae is observed, add just 1 tablet from the Poolbrite Hi-Tech Tabs directly to the weir with the pump running and also pour in 1 x 2L bottle of Poolbrite Tru Blu and leave the pump running for at least 24hrs.
- 5) Avoid leaving your auto pool cleaner permanently connected. Only connect when needed. (If the auto pool cleaner is disconnected then your weir skimmer should pick up most of the gunk before it settles)

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



Standard Available Units

P001	1g/h
P002	3g/h
P003	5g/h
P004	8g/h
P102	2g/h
P103	5g/h
P104	10g/h
P105	15g/h

You are now ready for the installation of the O₃ generator.

For more info:
www.ozogen.co.za