

## Spa Ozone Unit



### SPA P001

The Ozogen P001 spa ozonator unit uses 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 P001 producing ozone.

P001 is a high-output ozonator capable of sanitizing spas up to 10 000 litres and will simply provide you with the healthiest, clearest and purest water available.



Ozone is created and introduced into your spa through the use of a suction creating venturi injector or simply an ozone jet. Many spas manufactured today are "ozone ready" and will plumb easily to your Ozogen P001 spa ozonator.

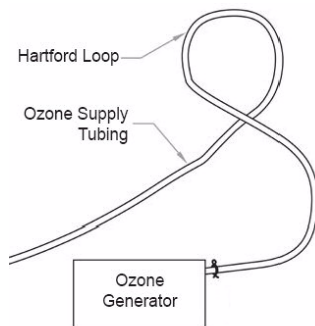
The Ozogen P001 kit includes parts necessary to connect to your existing spa if your spa is ozone ready.

If your spa is not ozone ready, you may need additional parts.

The retail store selling this unit should be able to advise you or please email support@ozogen.co.za for further help.

Ozone is introduced into the spa when your filtration pump is running. The ozonator has a check valve fitted so that water does not back up into the ozonator when your pump stops or a water outlet is blocked.

In addition to the check valve, a Hartford Loop can be used to prevent water from potentially backing up into the ozonator should the check valve fail. Make a loop with the ozone supply tubing and secure it above (or as close to) the spa water level.



The P001 consumes very little electricity and is fitted with a standard "three prong" plug with an earth wire.

This plug must be plugged into a socket that supports "earth leakage" to prevent electrical shock. In addition, the P001 should be mounted so that it is well ventilated and inaccessible to anyone in the spa.

Not only does the P001 sanitise your spa water but because it is a powerful unit in comparison with other competitor units on the market, it creates a high content of ozone in the water that is also therapeutic on the body.

The ozone kills bacteria on the skin and is absorbed through the skin increasing the oxygen content within your body, stimulating blood flow.

Most importantly in cleaning water, ozone is more efficient than chlorine, in fact Giardia and Cryptosporidium cysts are destroyed by ozone but unaffected by normal levels of chlorine.

Chlorine reacts with organic materials to form chloroform, carbon tetrachloride etc generally known as trihalomethanes. These have been implicated as carcinogens in the development of kidney, bladder and colon cancer.

However, ozone reacts with organic materials to break them down into simpler compounds that are not dangerous.

**For more info:**  
sales@ozogen.co.za

Ozone is a natural gas that we breathe daily. It is created when oxygen (O<sub>2</sub>) 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 (O<sub>3</sub>). 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 introduced into spa water using a Venturi as per below, installed on the pump return pipe.**



### Specifications

Ozone Output	> 1 g/h
Power Consumption	< 40 w
Power Type	220 VAC
Maximum Spa Size	10 000 L