

# NOVOSWIM-NX Pool Ozonator



**NATURAL is always best. Especially when it comes to the water you swim in. Our skin is the largest organ of our body and absorbs any substances that it comes into contact with.**

**Thankfully NOW, there is a natural alternative to harsh chemicals like chlorine: NOVOSWIM.**

NOVOSWIM-NX is a third generation system and uses the power of ozone to create an effective partner to salt and chlorine sanitation whilst minimizing the use of chlorine.

Imagine swimming in a crystal clear swimming pool, immersing your body in water that is so pure, clean and odourless, you could almost want to drink it.

With an ozone treated pool, you can!

Used in conjunction with traditional pool chemicals, ozonators provide a natural water treatment system that enhances the performance of pool chemicals while removing the unpleasant side effects— such as that sharp chlorine smell—which can often take much of the pleasure out of swimming.

A properly sized and installed ozone system will eliminate chemical odours, provide cleaner safer water and at the same time noticeably reduce the amount of chemicals your pool consumes.

Ozone will make your pool safer, easier to maintain and an even greater pleasure to use.

## GET THE NOVOSWIM ADVANTAGE:

### •ECO FRIENDLY

Minimal chlorine, minimal salt. NOVOSWIM treated water can be safely discharged into gardens or drains.

### •HEALTHY

No burning eyes, no dry skin, no bleached or damaged hair, no chemical smell and no allergic reactions.

### •EXCEPTIONAL WATER QUALITY

Without the familiar “swimming pool” smell. NOVOSWIM keeps your water algae and bacteria free.

### •SAFE

Only safe amounts of ozone is produced. You won’t need to store toxic chemicals ever again.

### •ENERGY EFFICIENT

NOVOSWIM runs on a few cents of electricity per day.

### •SAVE MONEY

NOVOSWIM quickly pays for itself by reducing chemical costs and damage to pool equipment from bleaching or salt corrosion.

### •SAVE TIME

No more daily testing, dosing and handling chemicals.

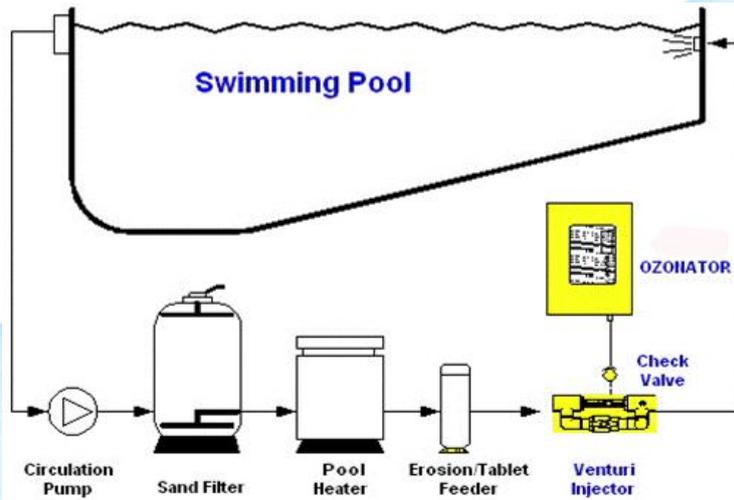
### •SIMPLE

To maintain and can be easily installed by the home owner.

## Installation

Your novoSWIM-NX ozonator is easily installed by your pool builder, pool maintenance person or by yourself.

Simply mount the ozonator on the wall near the pool equipment and fit the venturi injector after the filter in the pool return line. After installation, power-up the ozonator and set the air flow to the recommended value by adjusting the bypass valve on the injector manifold.



## Technical Data

Sizing your pool ozonator is easy, simply select the model from the table. Contact us for our commercial solutions.

Models & Options	NX-050	NX-100
Swimming Pool Volume	45,000 Litres	90,000 Litres
Injector Manifold Pipe Size	40 mm PVC	50 mm PVC
Ozone production (dry air-g/h)	1.5	3.0
Electrical	230V/95W	230V/170W
Weight (kg)	4	9
Dimensions (W x L x D mm)	210 x 370 x 150	210 x 370 x 150
Ozone generation	Pulse Injected Corona Discharge	
Construction	Powder coated and S/S steel enclosure	
Operating conditions	0-45 °C (non condensing) 75% R.H.	
Ozone outlet adaptor	8mm stainless steel compression fitting	
Power inlet	NZ/AUS style 10A power cord, L=1.8m	
Protection Class	IP 20	

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## What is ozone?

Ozone, a form of activated oxygen, was first discovered in 1839 and is named after the Greek ozein. This natural gas is known to be over 15 times more powerful and 3000 times faster acting than traditional oxidants like chlorine.

Ozone, which is made from oxygen collected from the air, is made in the ozone generator on a few cents' electricity.

Ozone is completely natural, with no harmful by-products. Because ozone is thermally unstable, it must be produced in the ozonator on-site at the rate of which it is needed.

Ozone is very strong natural oxidiser that assists with eliminating organic matter by helping it to decompose and then helps the matter to lump together so that it can be more effectively removed from the pool by filtration. Ozone adds brilliant clarity to the water.

## Operation and Options

novoSWIM-NX Ozonators are suction operated, utilising a dedicated venturi injector in the return line of the pool to deliver ozone when the circulating pump is running. This injects ozone in a stream of tiny bubbles that allows the most efficient possible transfer of ozone into the water flow.

In a 'below the water' installation we recommend fitting Novozone's J-Tube backflow preventor in the ozone delivery line to prevent water entering the ozonator in case of the check valve leaking at the venturi.

For improved performance or in commercial installations consider installing a small circulating pump to ozonate 24 hours per day.

An optional CT-50 contact tank, installed after the venturi will improve the mixing of ozone and water, convert un-dissolved ozone into oxygen, prevent gas escape into the return line, and eliminate noise.

### novoSWIM-NX Pool Kit Includes

- NX-050 or NX-100 Ozonator
- 40mm or 50mm variable injector manifold
- Check valve assembly
- 1.5m x8mm Teflon ozone delivery hose
- NZ style power cord
- Operators manual

### Optional Accessories

- J-Tube backflow preventor
- CT-50 mixing tank with off-gas valve



**NOVOZONE**  
OZONE SYSTEMS

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