UV revolutionary pool disinfection
A complete line of Blue Ocean Strategy products:

- Revolutionary Ultraviolet Disinfection Systems
- Simple & Affordable Energy Efficient Pool Pumps
- Robotic Pool Cleaners that run on 80% less power
- Commercial Grade Zeolite Based Filtration Systems
- ZeoPure Zeolite Media for Advanced MicroFiltration
Maintain 2-4 PPM chlorine for a safe pool.
No strategy to address the hundreds of chlorine byproducts?
But is it healthy?
organic matter enters all pools

leaves
debris
dirt

urine
feces

sweat
oils

saliva
skin
hair
organic matter + chlorine = toxic chlorine by-products
pool water is recycled over and over
for months and even years
creating a toxic soup of chemicals
“The impact of these chemicals on the respiratory health of children is at least five times greater than second-hand smoke.”

Dr. Alfred Bernard, Toxicologist
Catholic University of Louvain
Children who use pools are five times more likely to suffer from allergies & asthma.
Swimming in chlorinated pools increases bladder cancer risk by 57%. Researchers found:
Studies: Typical pool chlorine levels of (2-4 PPM) lead to constricted airways, coughing, and wheezing.
researchers advocate LOWER chlorine levels + ELIMINATING chlorine byproducts
Researchers discovered that a low chlorine level of 0.5 ppm is safe.
So how do we get there?
I have a SALT POOL
do I need UV?

- salt is used to create chlorine in the pool
- chlorine levels are still a high 2-4 ppm
- byproducts are the same as other chlorine pools
- side effects of chlorine have similar effects
- salt is corrosive
- can damage pool equipment over time

UV makes your salt pool better
UV Disinfection

a non-chemical process.

Spectra Light™
Ultraviolet
SpectraLight’s triple action breaks the vicious cycle of chemicals.

proved results
unprecedented safety
effortless water quality
low environmental impact

1 reduces need for chemicals by 80 - 90%
2 eliminates toxic chlorine by-products
3 destroys over 99% of pathogens
SpectraLight Action

Destroys organic matter which reduces need for chemicals dramatically
SpectraLight does the heavy lifting.
Now you can lower chlorine to just 0.5 ppm.
<table>
<thead>
<tr>
<th>Chemical</th>
<th>Range</th>
<th>Frequency</th>
<th>Efficiency Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>residual chlorine</td>
<td>2 - 4 ppm</td>
<td>0.5 ppm</td>
<td>75 - 87%</td>
</tr>
<tr>
<td>chlorine shock</td>
<td>often</td>
<td>rarely, ie. 1x YR</td>
<td>80 - 92%</td>
</tr>
<tr>
<td>stabilizer</td>
<td>30 - 50 ppm</td>
<td>3 - 8 ppm</td>
<td>77 - 94%</td>
</tr>
<tr>
<td>pH up/down</td>
<td>frequent</td>
<td>rarely, depending</td>
<td>75 - 90%</td>
</tr>
<tr>
<td></td>
<td>adjustments</td>
<td>upon chlorine pH</td>
<td></td>
</tr>
<tr>
<td>algaecide</td>
<td>varies</td>
<td>never</td>
<td>100%</td>
</tr>
</tbody>
</table>

All chemicals are lowered dramatically.
SpectraLight Action

Eliminates toxic chlorine by-products.
SpectraLight Action 3

Destroys all known pathogens. bacteria, viruses, algae, cysts, parasites

Even the ones chlorine can’t touch, like crypto.
UV photons destroy pathogens’ DNA.
SpectraLight reduces environmental impact.
Lower free chlorine concentrations (.5 mg/l) may be health protective when UV is used.
“UV systems are the strongest oxidizers available to pool operators.”
“Ideally, UV disinfection would be the gold standard and we’ll move toward that.”
On Wednesday August 24, SpectraLight was highlighted in the Wall Street Journal.
sales have skyrocketed
professional grade

Ultra High-Output Lamps | Industrial Non-corrosive Housing
Intellivolt Electronic Ballast | Double Stainless Steel Seal
Smart Connex Port Rotation | Lifetime Housing Warranty
a revolution is taking place
UV protected swimmers at the games in Beijing.
New York City is using 12,000 UV lamps to keep drinking water safe.
The US Navy selected SpectraLight to protect its dolphin pool from pathogens.
Over 200 leading aquatic centers have made the move to UV.
About 80% of new, large water parks and aquatic facilities feature UV.

— Tom Lachocki, CEO
National Swimming Pool Foundation
SpectraLight can be found on Richard Branson’s Necker Island.
Advantages

Tired of pool 
**hassles & headaches?**

UV makes water quality management **easy.**
Advantages

less chemicals
and a healthier pool
Advantages

lower your chemical costs dramatically
Advantages

Help protect what’s important
A complete line of BLUE ocean strategy products

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go to spectralightUV.com