



***Exploit the hydraulic harmonic***



***A natural way to purify water!***

***The most revolutionary innovative and efficient technology on the market***

# ***Hydraulic Harmonics: History of Technology***

- Originally developed for the oil industry with a budget of 20 million euros to sanitize wastewater from drilling operations
- 2015: After 15 years of researches and development, inventor Gary Powell joins in partnership with Randy Sellers to commercialize the technology
- 2016: Polar Vortex, a device to increase snow production is marketed
- ***Pool Tiger, a device to purify pools water is marketed in 2017***
- Currently under development:
  - Consumable water purification system in homes, condominiums and hotels
  - Device for removing limescale and organic residues in cooling towers

Resellers ***Pool Tiger***: USA, Europe, Middle East.



## Features and benefits of *Pool Tiger*:

### Cost savings:

100% natural process. No electricity or chemicals

### *Ecological*

Kills bacteria \*, algae, viruses and parasites

*Reduces chlorine / bromine use by up to 85%*

Balances pH and controls acids

*Reduces the risk of illness and the use of acid*

### Less work :

Eliminates suspended particles

*Maximizes water clarity and reduces build-up on pool walls*

Activated by flowing water driven by the pool pump

*Does not cost anything to work*

No maintenance required, assembly or replacement of parts

*Completely hassle-free*

\* Including the Legionella, who dies from 70 degrees.



## Features and benefits of *Pool Tiger*:

Removes all traces of body wastes and toxic organic compounds

*Creates cleaner, healthier water*

Breaks the walls of algae cells

*Prevents the regeneration of algae*

Infuse water with negative ions

*Triggers the release of serotonin in the body*

*Improves mood, concentration, energy, sleep and digestion*

*Moisturizes the skin*

*Virtually eliminates chlorine and bromine odors*

*Gently cleans pool surfaces and forms a protective barrier*

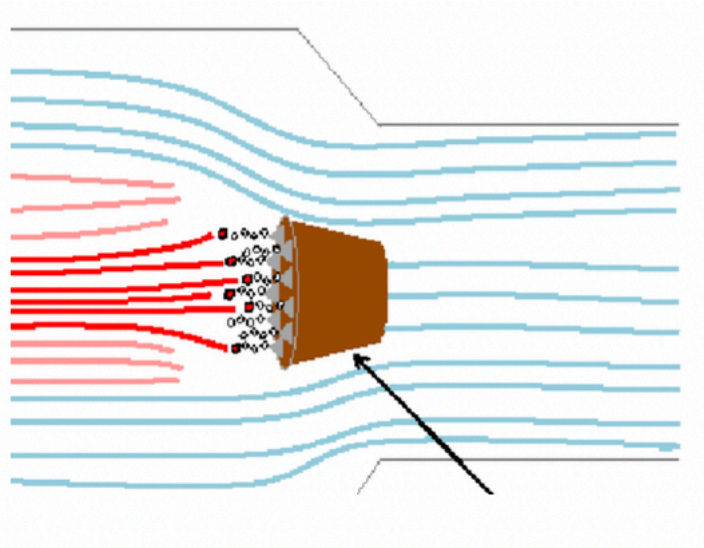
5 year warranty without depreciation

***This performance place the *Pool Tiger* at the top of all other pool water purifier systems***





## ***Harmonic Hydraulics - How Pool Tiger Works?***

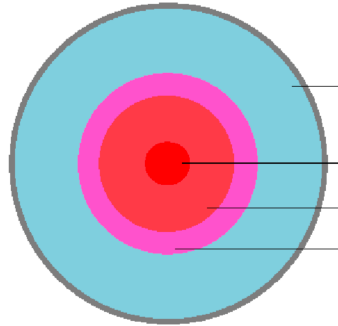


***Water current: From right to left***

***Some of the water that enters the chamber is channeled into patented, specially designed nozzles that convert water into water vapor.***

***On existing nozzles, the bubbles of steam collapse and become water again. This instantaneous double conversion creates a thermal signature and a harmonic signature***

## Signature of heat. Dissipation Stratum



### VIEW IN THE TIGER POOL TUBE

**BLUE AREA:** Buffer. Absorbs excess heat

**RED AREA:** Over 185 degrees Acids and toxic organic compounds decompose

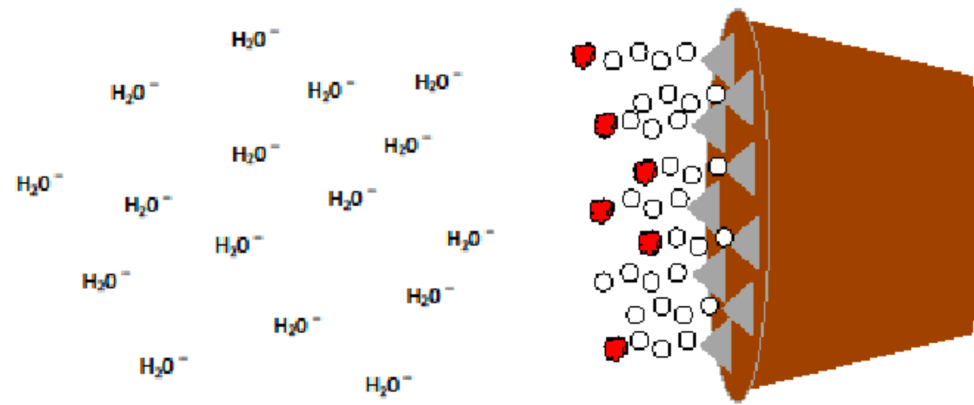
**ORANGE AREA :** More than 100 degrees. Algae, viruses and parasites die

**PINK AREA :** More than 70 degrees. Bacteria, including Legionella die

**Pool Tiger** is designed with a specific ratio of nozzles on the volume of the chamber to effectively remove contaminants, control acids and eliminate toxic organic compounds without affecting the temperature of the pool

## Cavitation and Negative Ions

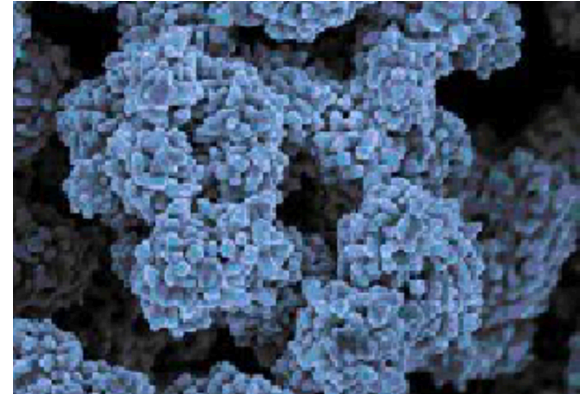
The rapid formation and collapse of water vapor bubbles not only create heat, but also charge molecules negatively. These molecules, called "negative ions", are highly kinetic.



Cavitation

***Cavitation infuses water with negative ions. This process also gives a negative charge to suspended particles***

## **Agglomeration (Flocculation)**



**Particles in suspension: gives the pool water a cloudy appearance and accumulates on the walls of the pool**

**Most of the particles are too small to be captured by the filter. Assigning a negative charge to the particles attracts them to agglomerate. Once the agglomeration has reached a sufficient size, they are immediately captured.**

**Removal of suspended particles = Crystal clear water.**



## Negative ions



Swimming in a pool with **Pool Tiger** makes you feel better and younger

- **H<sub>2</sub>O**: Easily Absorbed - Natural Moisturizer - Natural Exfoliant - Triggers Serotonin Release
- **- Serotonin improves**: Mood - Energy level - Focus - Sleep - Digestion - Organic function

Negative ions not only make swimmers feel better, they also clean and protect the pool

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## How do negative ions clean and protect pool surfaces?

### Cleaning:

**Water molecules charged with negative ions are very active and are used to gently remove deposits on the walls of the pool. They are also able to penetrate accumulations and to move particles, salts and minerals and even algae roots that have accumulated. These properties greatly reduce the need to brush the walls of your pool.**



### Protection:

**In outdoor pools, negative ions accumulate on the walls of pools and form a very orderly water condition called exclusion zone. The exclusion zone repels suspended particles, salts and minerals and even algae.**

## What do our customers say about **Pool Tiger** ?:

"I had **Pool Tiger** installed 1 month ago. After 2 days I started to see the difference. It really changed the situation. My pool water is now crystalline. I almost no longer use chemical, swimming sensations far more enjoyable. The maintenance time is reduced considerably. The pH of the water is regulated automatically, I who had difficulties before maintaining it at a correct level. Really very satisfied. "

**DAVID**

ALSACE



## What do our customers say about **Pool Tiger**?:

"I equipped my Pool with **Pool Tiger** without been really certain of its usefulness because I have a salt water treatment that satisfies me fully. Well, thanks to **Pool Tiger** I lowered my level of production of chlorine to 10%, instead of 60% normally. My water is even more crystal lean than before, so much so that my friends constantly ask me the question of how I get to have such beautiful water! With **Pool Tiger** I use almost no acid product to regulate the pH level of my pool. It's **Pool Tiger** who takes care of it! I gained in maintenance time from my pool. I am 100% satisfied »

**MARIA et PHILIPPE**

SWEDEN





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# water purifier

for swimming pools



- Uses NO chemicals and NO electricity
- Simple installation
- Allows for reduced chlorine and chemical usage
- Nothing to maintain





*The most revolutionary innovative and efficient technology on the market*