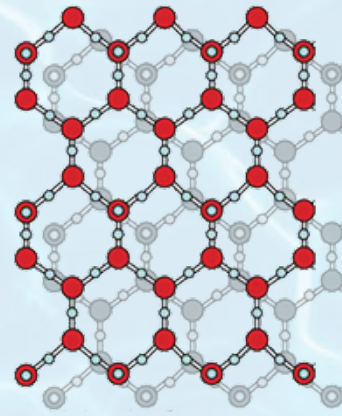


Structured Water

A natural phenomenon that occurs in response to extremes of temperature – in very low temperatures it solidifies and becomes ice. In very high temperatures it remains liquid.

Unlike ordinary water molecules, which group together in random and irregular shapes, structured water molecules arrange themselves in sheets of highly-ordered hexagonal cells.



Two Key Properties of Structured Water

1. **Highly Exclusionary** – it excludes any material that isn't structured water – this is why icebergs, which form in saltwater oceans, contain no salt.
2. **Hydrophilic** – in liquid form it tends to collect at hydrophilic surfaces like pool walls and floors where it forms a barrier that helps to prevent the formation of scale and biofilm.

Hydrodynamic Cavitation

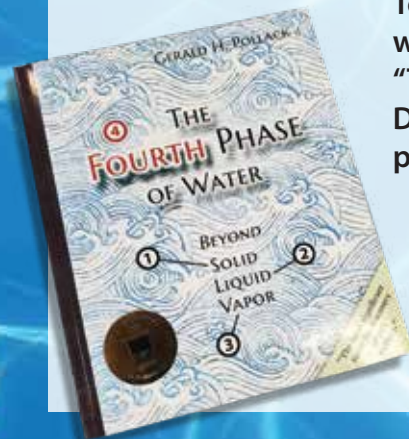
In our devices, structured water is created as a result of Hydrodynamic Cavitation (HC), a natural process characterized by the formation of vapor bubbles due to pressure differentials in the water.

The collapse of these vapor bubbles produces extreme heat and intensive shock waves which cause the components of nearby water molecules – oxygen and hydrogen atoms – to disassociate.

As the water cools, these atoms quickly re-associate to form sheets of the highly-ordered hexagonal cells of structured water.



To learn more about structured water, we highly recommend "The Fourth Phase of Water" by Dr. Gerald Pollack, an award-winning professor at the University of Washington.



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A Healthier Swimming Environment

Our skin is highly absorbent, so in an ordinary pool or spa bathers will absorb a significant amount of the chemicals and germs present in the water. Our skin is also hydrophilic, so in a Pool Tiger pool or a Spa Tiger spa the structured water produced by these devices will envelop the bather and form an exclusionary barrier that protects against the absorption of chemicals and germs.



Easier Maintenance

Structured water virtually eliminates the drudgery of brushing pool and spa walls because it provides an exclusionary barrier that repels the minerals that form scale as well as the germs and organic debris known as biofilm.

Simplicity

All Pool Tiger products operate on the flow of water as driven by the pump. They require no electricity, replacement parts or regular maintenance.



Fiberglass Protection

Structured water produced by Pool Tiger forms an exclusionary barrier at pool surfaces that helps to protect against the whitening which can sometimes be an issue with fiberglass pools. However, due to the unique properties of fiberglass, structured water is not very effective at removing whitening that has occurred prior to the Pool Tiger's installation. This is why we recommend that a Pool Tiger is installed on every new fiberglass pool before it is filled with water.



"How do I know it's working?"

Constructed of hardy thermoplastic, Pool Tiger products are trouble-free and built to last. Our patented design consistently catalyzes the HC process – so if the pump is running, you can be sure our device is working to provide unmatched results.

Dealer Driven Sales

Pool Tiger products are sold through our authorized dealer network of pool and spa industry professionals.

Pool and spa owners, or those considering the purchase of a pool or spa, to ensure that you receive an authentic Pool Tiger or Spa Tiger, we recommend you buy only from one of our authorized dealers

Coming Soon: Corban Home Water System

A water purification system for residences and businesses utilizing the same Hydrodynamic Cavitation technology found in our Pool Tiger product line. Slated to be released during 2022.



Pool Tiger Product Line

All units ship fully assembled with unions. Measurements shown are net length with unions. Flow rates shown represent a range from activation to top end rates with minimal restriction.



POOL TIGER – Residential
Residential pools up to 50,000 gallons
14.5" long, 2" extensions
Flow rates: 9-80 GPM



POOL TIGER – Commercial
Commercial & Residential pools over 50,000 gallons
14.5" long, 2" extensions
Flow rates: 16-150 GPM



POND TIGER
Filtered ponds, all sizes
14.5" long, 2" extensions
Flow rates: 9-80 GPM

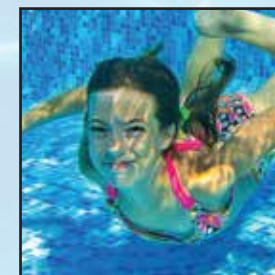


SPA TIGER
Spas of all sizes
11.5" long, 1" extensions
Flow rates: 2-12 GPM



The Fourth Phase of Water - Structured Water for Pools and Spas

- What it is
- What it does
- Why it is important for your company and your customers
- Plus - 3 benefits every pool & spa owner will appreciate!



Sanitizer

The original Pool Tiger sanitized water with the heat from the Hydrodynamic Cavitation (HC) process. Now a proprietary additive in the thermo-plastic components has doubled Pool Tiger's sanitizing capacity – killing more than 99% of bacteria and other contaminants. Cuts chlorine use by up to 90% and pays for itself within 2-3 years!



Clarifier

In a typical pool there are millions of tiny particles too small to be captured by the filter. Pool Tiger imparts a negative charge to these particles which causes them to attract one another and form agglomerations large enough to be easily captured by the filter. Makes water crystal clear!



Cyanuric Acid Controller

A stabilizer for chlorine, cyanuric acid accumulates and masks the sanitizing effects of chlorine so ever-increasing amounts are required. Fortunately, the heat from Pool Tiger's HC process gradually destroys excess levels of this acid. Cuts chlorine use and eliminates the need to drain pools and spas!



Protector & Cleaner

The structured water produced by Pool Tiger & Spa Tiger protects bathers from absorbing chemicals and germs present in the water. It protects pool and spa surfaces, pipes, equipment and accessories from scale and biofilm. When retrofitted onto existing pools and spas, structured water also cleans away existing buildup. Creates a healthier bathing experience and extends equipment life!

Warranty - Every Pool Tiger product carries an automatic, 5-year, non-prorated, full replacement warranty.
Lifetime Warranty - Pool Tiger product owners can upgrade to a limited lifetime warranty simply by registering their purchase on our website at www.pooltiger.com. There is no charge for this upgrade.