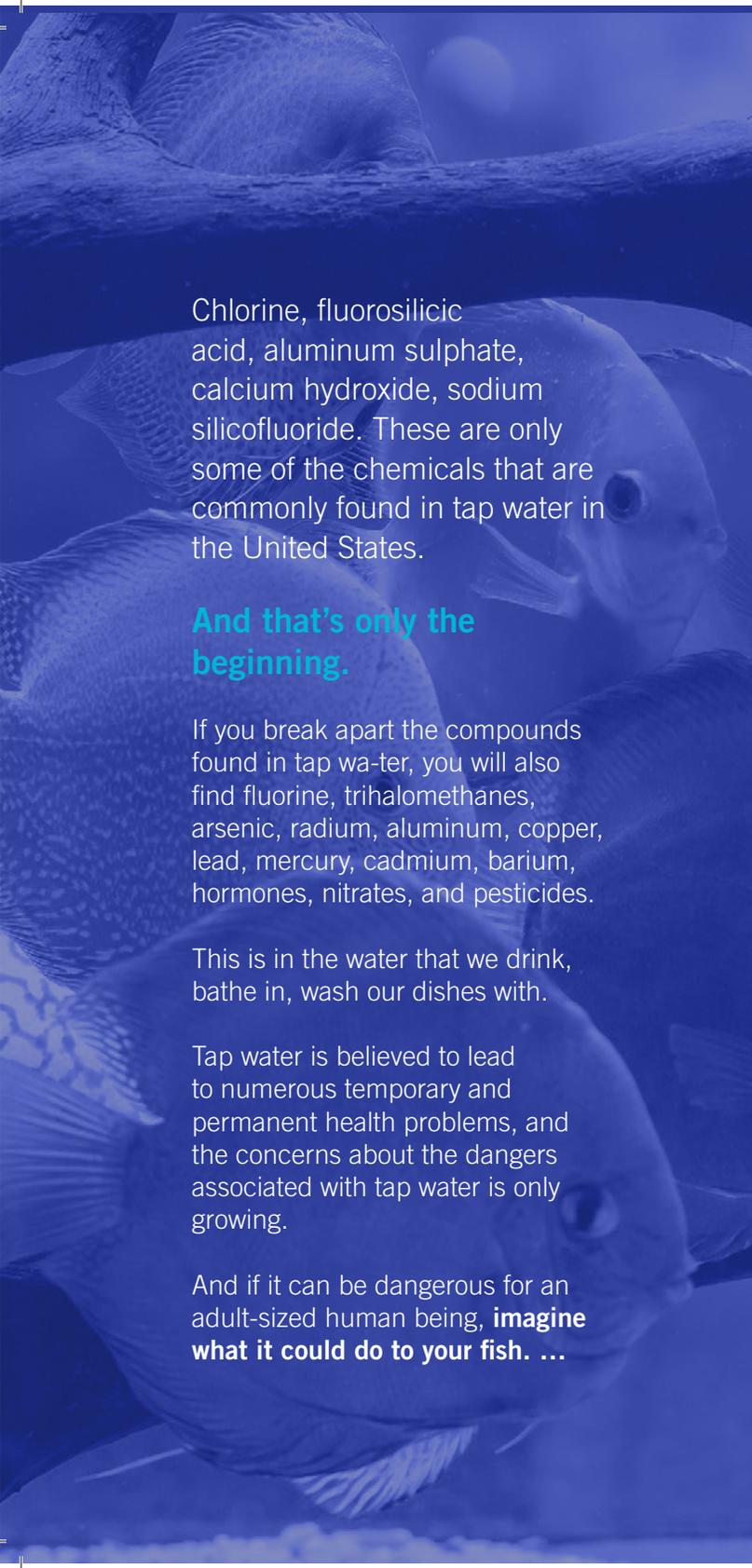


Seatech H₂O



THE PERFECT SOLUTION



Chlorine, fluorosilicic acid, aluminum sulphate, calcium hydroxide, sodium silicofluoride. These are only some of the chemicals that are commonly found in tap water in the United States.

And that's only the beginning.

If you break apart the compounds found in tap water, you will also find fluorine, trihalomethanes, arsenic, radium, aluminum, copper, lead, mercury, cadmium, barium, hormones, nitrates, and pesticides.

This is in the water that we drink, bathe in, wash our dishes with.

Tap water is believed to lead to numerous temporary and permanent health problems, and the concerns about the dangers associated with tap water is only growing.

And if it can be dangerous for an adult-sized human being, **imagine what it could do to your fish. ...**



Toxins in Tap Water

Chemicals are intentionally placed in water in order to make it drinkable for humans. Although the dangers associated with tap water facts are disturbing us more and more by the day, usually humans can drink or bathe in that water relatively unharmed. To fish and other wildlife, however, these trace amounts of chemicals can be much more devastating.

CHEMICALS IN TAP WATER CAN:

- ▶ Lead to discomfort in fishes' eyes.
- ▶ Irritate or burn their skin.
- ▶ Make it hard for them to breathe.
- ▶ Create a generally unsuitable environment in the tank.
- ▶ Possibly lead to more serious health issues for the wildlife.

Think about it: the smallest splash of bleach on the back of an adult's hand can cause a mild burning sensation. To a fish, the chemicals in tap water would feel like swimming right in that bleach.

All of this is especially relevant in the Phoenix, Arizona area, where a larger amount of additives are added to tap water than in some other metropolitan areas. Not only is the water very hard in the valley, but the city adds disinfectants like chlorine, chlorine dioxide, and chlorite, as well as contaminants like chlorate and chromium.

Reverse Osmosis Deionized Water: *Why It's Best*

Although most of the chemicals placed in tap water are low in regard to parts per million, it is still highly recommended that you use or add Reverse Osmosis Deionized (RODI) water for the sake of your aquarium inhabitants. The use of this water gives your tank's inhabitants the best chances of survival and greater longevity, and it helps to reduce the effects of algae in the tank.

RODI water is more than just filtered or reverse osmosis water. It's 100% pure H₂O.

Reverse osmosis is the process of filtration, and deionization is an extra step in the water purification process. Reverse osmosis removes

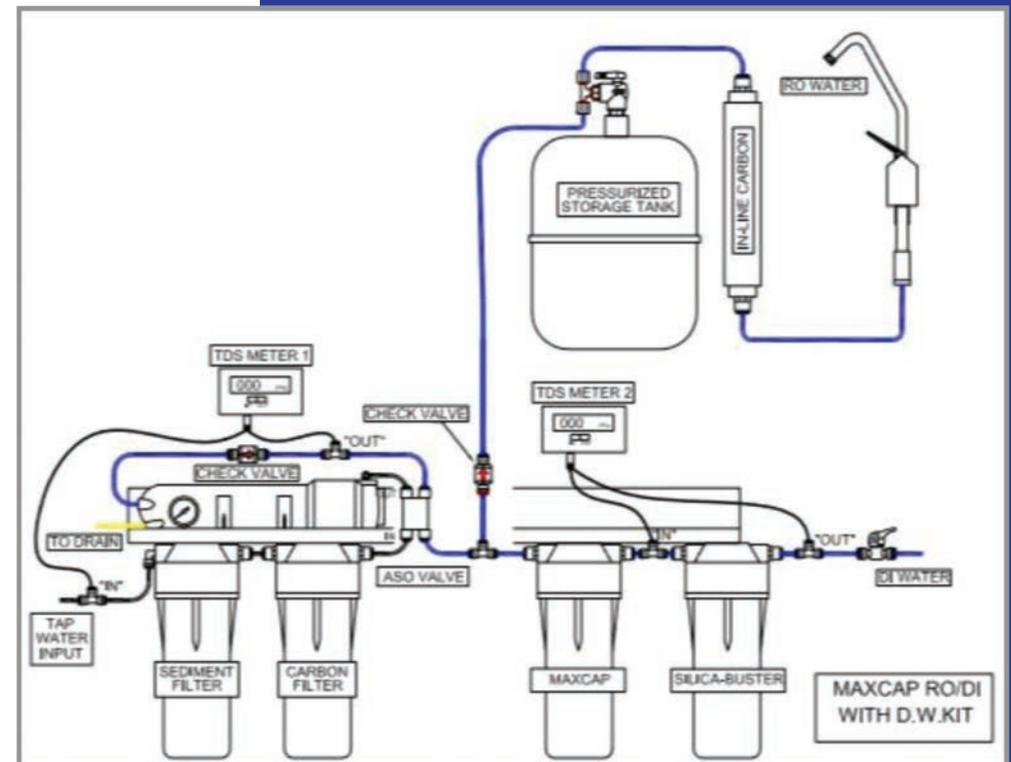
about 95-98% of contaminants in tap water. By running the water through the added stage of filtration called deionization, 100% of the contaminants are removed.

The purification process, in simple terms, involves first running water through a water softener system and then processing it through the complex RODI system. The water is then stored in large reservoirs.

In more technical terms, deionized water is water that has had all of the ionized particles removed. Once you remove any organic materials from the water supply, the majority of dissolved impurities in modern water supplies are ions such as calcium, sodium, and chlorides.



An ion is a molecule that has a positive or negative charge. One of the ways to effectively purify water, therefore, is to re-move these ions and replace them with hydrogen (H⁺) and hydroxyl (OH⁻) ions, which combine to make water.



The Problem with the Way It Is Now

Water is life, and the fact that your animals need clean water to flourish is undeniable. The problem, however, is how to get that RODI water to your home or place of business.

While some people enjoy maintaining their own aquariums, they do not like the idea of either installing an RO system and making their own saltwater or the idea of hauling containers of water to and from their local fish stores. It is a dreaded task for many enthusiasts, one that may even prevent them from maintaining their aquariums as well as they should. And that's not good for anyone or anything involved.

BUT THERE IS A SOLUTION. ...



THE SOLUTION TO IT ALL:

Seatech H2O Goes the Extra Mile

Say goodbye to the days of being forced to buy your own filtration system. Forget about the need to lug heavy jugs of water to and from the local fish store.

With Seatech H2O, you will have the luxury of having RODI water delivered to your doorstep anywhere in the Phoenix Metropolitan Area. Seatech can deliver freshwater or saltwater, and several different brands of saltwater are available to you as an option. Seatech H2O will provide you with that clean water that will help your animals thrive in their environment. When you let Seatech H2O do the hard work for you, you and your wildlife can simply enjoy the results.

HOW IT WORKS

Because it is RODI water, the water Seatech uses in aquariums and the water that is delivered to you is 100% pure H₂O. As a result, the wildlife in your tank will be healthier and happier, helping to ensure that they will remain with you for a very, very long time with proper care.

Seatech H2O's water is constantly monitored for TDS (total dissolved solids) and salinity parameters. Seatech's RODI filters are changed monthly, and salinity is kept at 1.026 specific gravity.

Seatech sells water to both wholesale and retail consumers, and you can order online or by phone. Minimum orders will be required for wholesale and retail customers. Seatech can deliver 3- and 5-gallon containers depending on your needs, and water can be pumped into reservoirs, holding tanks, or aquariums.



Usage Tips & Additional Information

The same water that will be delivered to you is of the same quality that Seatech Aquariums has been using for 19 years in its customers' aquariums, as Seatech has always used RODI water for both fresh and saltwater aquariums.

When using Seatech's water, changes must be made in small increments. You are introducing "new" water to your tank, so it needs to blend in naturally with the existing water. Seatech recommends only a 10% water change for the first few water changes using the RODI water. Gradually increase it to 15% and then 20-25%. Seatech recommends a 15-20% change every two weeks for a reef aquarium and 20-25% every month on a fish-only or swim tank once your tank is accustomed to Seatech's water.

Water can be removed from the tank by either siphoning or pumping it into a bucket or other container.

When using Seatech's water, it is highly recommended that the water bottle is inspected for any tampering and that the water is at room temperature. Do not do a water change with 100-degree nor 50-degree water. Due to the very extreme temperatures here in Phoenix, the water should be placed inside for at least 24 hours prior to the water change. (Seatech H2O is not responsible for water changes done with hot and/or cold water, and it does not guarantee the longevity of wildlife, as a variety of factors can affect the environment in your fish tank or aquarium.)

Because RODI water is acidic, adding buffers to the water to raise pH and alkalinity is advised. Buffers can be purchased at your local fish store or through Seatech H2O's website. Different types of buffers are available for saltwater and freshwater, so be sure to purchase the correct buffer. There are also different buffers for different freshwater fish, as some freshwater fish require a higher pH and some require a lower pH.

In order to avoid cross-contamination of bottles, after customers buy containers from Seatech H2O, Seatech will refill bottles at the customer's location for future orders. As they are submitting orders online, customers can simply choose to purchase bottles and indicate the type of water they want, or they can specify the amount of water they need for containers they already own. A customer who orders 20 gallons of water, for instance, will receive four 5-gallon containers. All Seatech H2O bottles will have tamper-proof caps. Seatech will fill any suitable container, but if it is not a Seatech bottle, the quality of the water will not be guaranteed.

Visit the Seatech H2O website for orders, pricing information, and additional aquarium maintenance tips, as well as insightful, informative, and inspirational posts about fish tank environments and facts about underwater wildlife.

**GET IN
TOUCH
WITH
SEATECH**



ABOUT OWNER

JIMMIE HERNANDEZ

Jimmie Hernandez, who always had an aquarium while he was growing up, has had a passion for aquariums since he was a child. He started Seatech because he saw the need for quality aquarium care and to realize his dream of starting his own business. Today, he has more than 30 years of experience as an aquarium hobbyist and 19 years of professional experience in the industry, and he has attended countless trade shows and conventions to further his knowledge and skills.

ABOUT SEATECH AQUARIUMS

Based in Phoenix, Seatech Aquariums has been in operation since 1999. Seatech Aquariums provides services valleywide, including aquarium maintenance and aquarium design and installation. Seatech Aquariums can install and maintain freshwater, saltwater, and reef aquariums ranging from 30 gallons to 900 gallons or more.

ABOUT SEATECH H2O

Although Seatech Aquariums always used RODI water in its aquariums, Seatech H2O was founded in 2018 as a separate entity to deliver Reverse Osmosis Deionized water to individual homeowners, business owners, and retailers. With its delivery services, Seatech H2O simplifies the aquarium water change process and helps to ensure clean-er environments in fish tanks and aquariums throughout the Phoenix Metropolitan Area.

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