gaiah2o

advanced water quality technology

Know your environment.
Protect your health.

ewg

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ABOUT US

A vision of health & progress

GaiaH2O corp is focused on overcoming any current technological barriers by creating new proprietary technology.
Having access to purified water and air its an actual worldwide necessity due to its massive scarcity, because of that we are always creating new ways so everybody can afford it, because health is priceless.

GaiaH2O is properly registered corporation in the State of Florida (EIN 84-1871988) and was founded in 2019 by a team of professionals with more than ten years of experience.

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CASE STUDY

Changing the way we handle water

A vision of health & progress

Florida's municipal and well waters are supplied by our state's Aquifers. The municipal water companies will utilize many disinfecting methods ranging from free chlorine to chloramines. When chlorine or chloramines react with natural organics in the water, they cause third by-products known as trihalomethanes (TTHM's) and Haloacetic acids.

At elevated levels, these by-products have been associated with negative health effects such as cancer and adverse reproductive outcomes.

EPA has classified them as possible carcinogens.

STUDIES ARE STILL BEING CONDUCTED.

Source:
https://www.epa.gov/sites/production/files/2017-10/documents/epa-ogwdw-publicwatersystems-final508.pdf

How does your WATER SYSTEM WORK?

EPA

When you turn on your faucet, water seems to magically appear. EPA, states, and water utilities work together to bring clean, safe water into homes and businesses every day.

In the US, approximately 90% of the population gets drinking water from a **public water system (PWS)** that treats, stores, and distributes the water.

1. Water Sources

The source of the water flowing from your tap may be hundreds—even thousands—of miles away. Most PWS use surface water as their source of water—for example, a lake, river, or reservoir—while some public water systems use ground water sources, such as aquifers.

2. Water Treatment

The PWS treats the source water to make sure it's safe. The Safe Water Drinking Act requires EPA to establish and enforce the safety standards that all PWS must follow. Treatment methods include filtration and disinfection to remove debris and bacteria.

3. Water Storage & Distribution

After treatment, the PWS may store the water in holding tanks. Eventually, the water is pumped and distributed to communities through water mains—large, buried pipes—and water lines (smaller pipes that run from the main to a residence or business).

EWG'S GUIDE TO SAFE DRINKING WATER

EWG.ORG/TAPWATER

Drinking plenty of good, clean water is important for a healthy body. Read EWG researchers' top tips to learn how to stay hydrated while reducing your exposures to common drinking water pollutants.

TAP WATE R

LEARN WHAT'S IN IT

Tap water suppliers publish their water quality tests. The vast majority of bottled water companies don't. Read your annual tap water quality report. Look up your city's water in EWG's National Tap Water Database. Private well? Get it tested.
www.ewg.org/tapwater

FILTERED TAP WATER

DRINK IT, COOK WITH IT

Choose a filter certified to remove contaminants found in your water. Effectiveness varies – read the fine print,
www.ewg.org/tapwater/getawaterfilter

Carbon filters (pitcher or tap-mounted) are affordable and reduce many common water contaminants, like lead and byproducts of disinfectants used to treat municipal tap water. If your budget allows, install a reverse osmosis filter to remove contaminants that carbon filters can't eliminate, like arsenic and perchlorate, a rocket fuel chemical.

ON THE GO

CARRY WATER IN SAFE CONTAINERS

Plastic bottles can leach harmful chemicals into water. Carry stainless steel or shatter-proof glass bottles. Don't reuse single-use water bottles. The plastic can harbor bacteria and break down to release chemicals.

PREGNANT WOMEN AND INFANTS

SAFE WATER IS ESSENTIAL

Clean and healthy water is critical when you are pregnant, nursing or mixing baby formula. Use filtered tap water. Check to make sure you are using a water filter that removes the specific contaminants in your drinking water.

FILTERS

CHANGE THEM

Change your water filters on time. Old filters can harbor bacteria and let contaminants through.

BOTTLED WATER

DRINK FILTERED TAP WATER INSTEAD

You can read the bottle label and still not know whether the water is pure or just processed tap water. EWG found 38 contaminants in 10 popular brands.

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The national average of hardness is 7 grains per gallon. Which is the equivalent to146 lbs. of disolved rocks running through their pipes every year.

U.S. PUBLIC HEALTH SERVICE * 1798 *

The US Public Health Service Water Hardness Classification Table

Water hardness measured in grains per gallon of calcium carbonate (limestone).

Treated Water	0 to 1 grains per gallon
Slight Hard Water	1 to 3.5 grains per gallon
Medium Hard Water	3.5 to 7 grains per gallon
Hard Water	7 to 10.5 grains per gallon
Extremely Hard Water	over 10.5 grains per gallon

Recommended Maximum Iron Limit:
.3 parts per million to prevent objectionable taste or laundry staining.

Arsenic

Potential Effect: cancer

292x

EWG'S HEALTH GUIDELINE

THIS UTILITY	1.17 ppb
EWG HEALTH GUIDELINE	0.004 ppb
LEGAL LIMIT	10 ppb

DETAILS

Chromium (hexavalent)

Potential Effect: cancer

4.3x

EWG'S HEALTH GUIDELINE

THIS UTILITY	0.0857 ppb
EWG HEALTH GUIDELINE	0.02 ppb
NO LEGAL LIMIT	

DETAILS

Haloacetic acids (HAA5)

Potential Effect:

275x

EWG'S HEALTH GUIDELINE

THIS UTILITY	27.5 ppb
EWG HEALTH GUIDELINE	0.1 ppb
LEGAL LIMIT	60 ppb

DETAILS

Perfluoroheptanoic acid (PFHPA)

Potential Effect:

5.5x

EWG'S HEALTH GUIDELINE

THIS UTILITY	5.50 ppt
EWG HEALTH GUIDELINE	1 ppt
NO LEGAL LIMIT	

DETAILS

Perfluorooctane sulfonate (PFOS)

Potential Effect:

7.2x

EWG'S HEALTH GUIDELINE

THIS UTILITY	7.17 ppt
EWG HEALTH GUIDELINE	1 ppt
NO LEGAL LIMIT	

DETAILS

Radium, combined (-226 & -228)

Potential Effect: cancer

3.3x

EWG'S HEALTH GUIDELINE

THIS UTILITY	0.17 pCi/L
EWG HEALTH GUIDELINE	0.05 pCi/L
LEGAL LIMIT	5 pCi/L

DETAILS

Total trihalomethanes (TTHMs)

Potential Effect: cancer

235x

EWG'S HEALTH GUIDELINE

THIS UTILITY	35.3 ppb
EWG HEALTH GUIDELINE	0.15 ppb
LEGAL LIMIT	80 ppb

DETAILS

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Effects of contaminants on the body

BRAIN-EATING AMOEBA

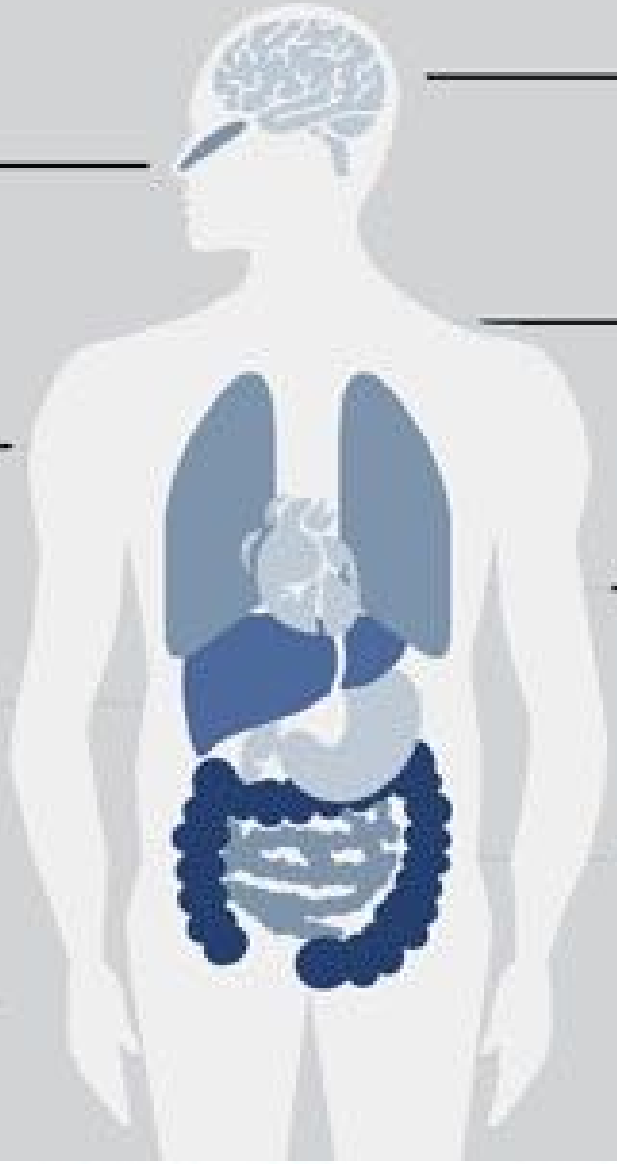
Rare organism that infects the brain if contaminated water goes up the nose

LEGIONELLA

Bacteria that causes Legionnaires' disease, a severe form of pneumonia

1,2,3-TRICHLOROPROPANE

Man-made toxic chemical that causes liver and kidney damage



LEAD

Heavy metal that can cause developmental and learning disabilities

CHLORINE

Chemical used to treat water that can cause skin and breathing problems and has been linked to cancer

ARSENIC

Naturally occurring poison that can cause high blood pressure and has been linked to cancer

CRYPTOSPORIDIUM

Parasite that can cause diarrhea, nausea and cramps

SOURCES
ENVIRONMENTAL PROTECTION AGENCY
CENTERS FOR DISEASE CONTROL AND PREVENTION
CANADIAN CANCER SOCIETY

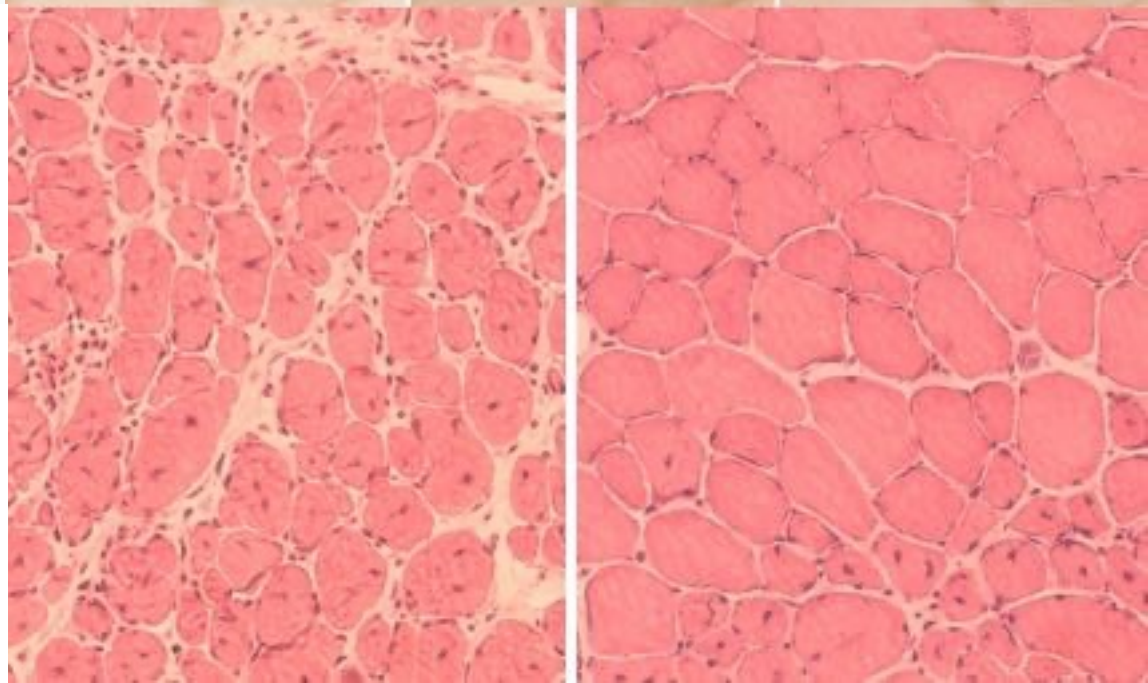
The Problems with Hard Water

1.Damage to Water Pipes and Appliances

Many households with hard water face the problem of limescale buildup inside their pipe systems, as well as water fixtures and appliances, depending on the level of hardness the residue can ruin the appearance of the equipment, leaving stains on the faucet for example or wreak havoc on them internally by forming limescale, which leads to broken details, clogging, and leakage,You will see serious damage in your pipes, boiler, and traditional or tankless water heater, where the water tends to sit for long hours allowing the minerals to stick to their natural surfaces.

2. Skin irritation and premature aging

The high PH and mineral content in hard water can be the cause of various skin problems, including dryness, itchiness, clogged pores and acne. Thats the reason why a dermatologist may sometimes suggest washing your face with bottled water when you are having an acne breakout. Hard water is often known to worsen existing skin problems such as eczema and dermatitis. The mineral residue is also blamed for hair brittleness and scalp irritation after direct contact.



The Benefits of Soft Water

1. A Scale-Free Pipe System.

2. Residue Free Appliances

3. Smoother Hair and Skin

4. Softer Clothes

5. Clean, Shiny Glassware and Silverware

Filtration Media information

COCONUT SHELL ACTIVATED CARBON

They bind very well with the non-polar carbon surface within pores. Activated carbon can remove organic contaminants, including many VOCs, pesticides and herbicides, disinfection by-products like Trihalomethane, etc. Activated carbon from coconut shell has predominantly pores in micro pore range.

CENTAUR CATALYTIC ACTIVATED CARBON

Centaur Catalytic Granular Activated Carbon is an excellent carbon media for the removal of chloramine and hydrogen sulfide from water. This filter media also does a great job in VOC removal and taste/odor control.

KDF-85

Removes or reduces iron and hydrogen sulfide from municipal or other water supplies also control scale, bacteria and algae.

KDF-55

Designed specifically for removing or reducing chlorine and water-soluble heavy metals. It controls scale, bacteria and algae, even in hot water.

Filtration Media information

ACTIVATED ALUMINA

Is used for a wide range of absorbent and catalyst applications including the absorption of catalysts in polyethylene production, in hydrogen peroxide production, as a selective adsorbent for many chemicals including arsenic, fluoride, in sulfur removal from fluid streams. (Claus Catalyst process)

CATION RESIN

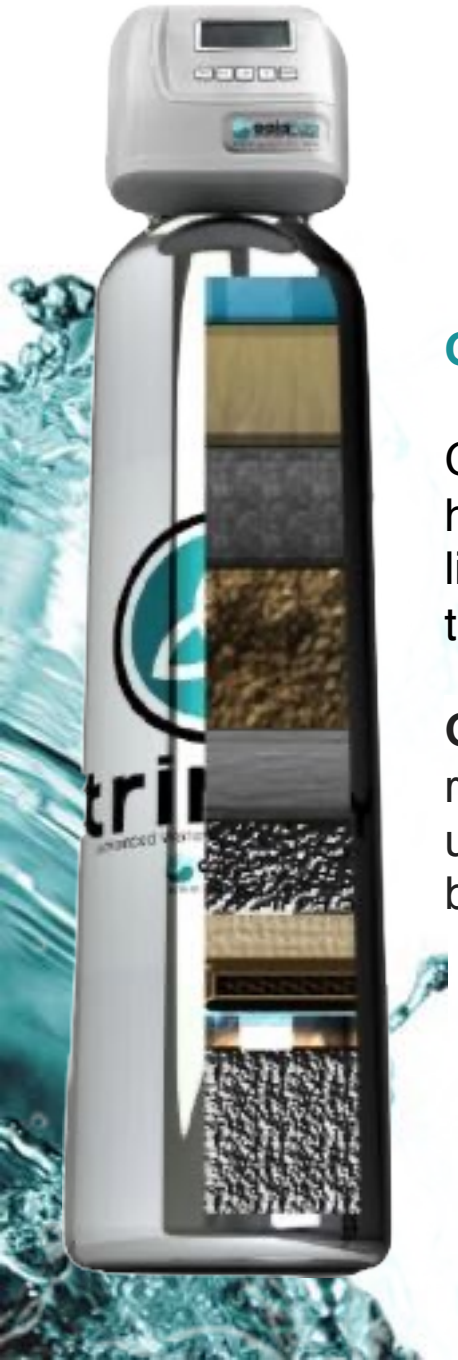
Cation exchange is widely used to soften water. In this process, calcium and magnesium ions in water are exchanged for sodium ions. Ferrous iron and other metals such as manganese and aluminum are sometimes present in small quantities. These metals are also exchanged but are unimportant in the softening process. Removal of the hardness, or scale-forming calcium and magnesium ions, produces “soft water.”

ANION RESIN

Anion exchange devices remove anions (negatively charged ions such as arsenic and nitrate, sulfates and perchlorate and replace them with chloride.

NEXT SAND

High filtration performance 3 to 5 micron removal.



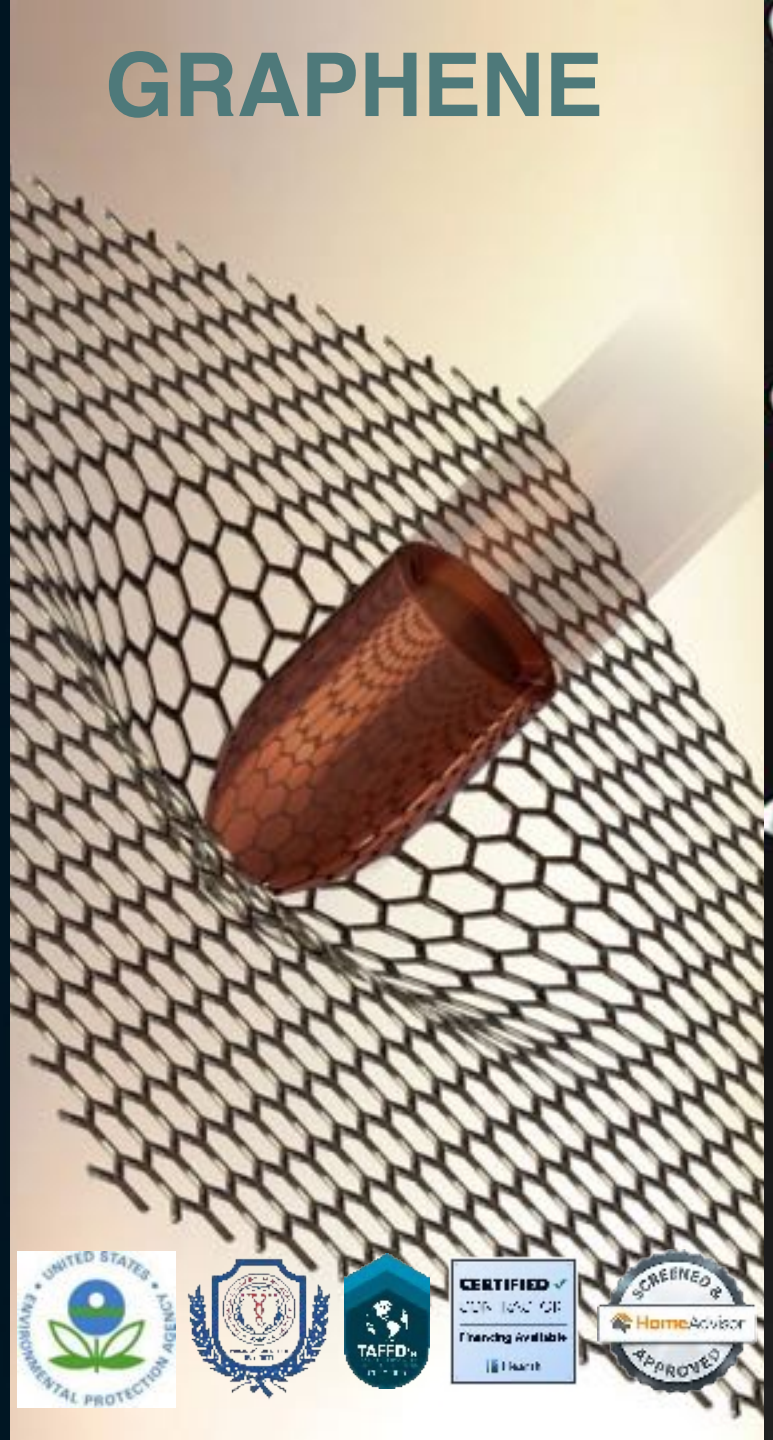
Filtration Media information

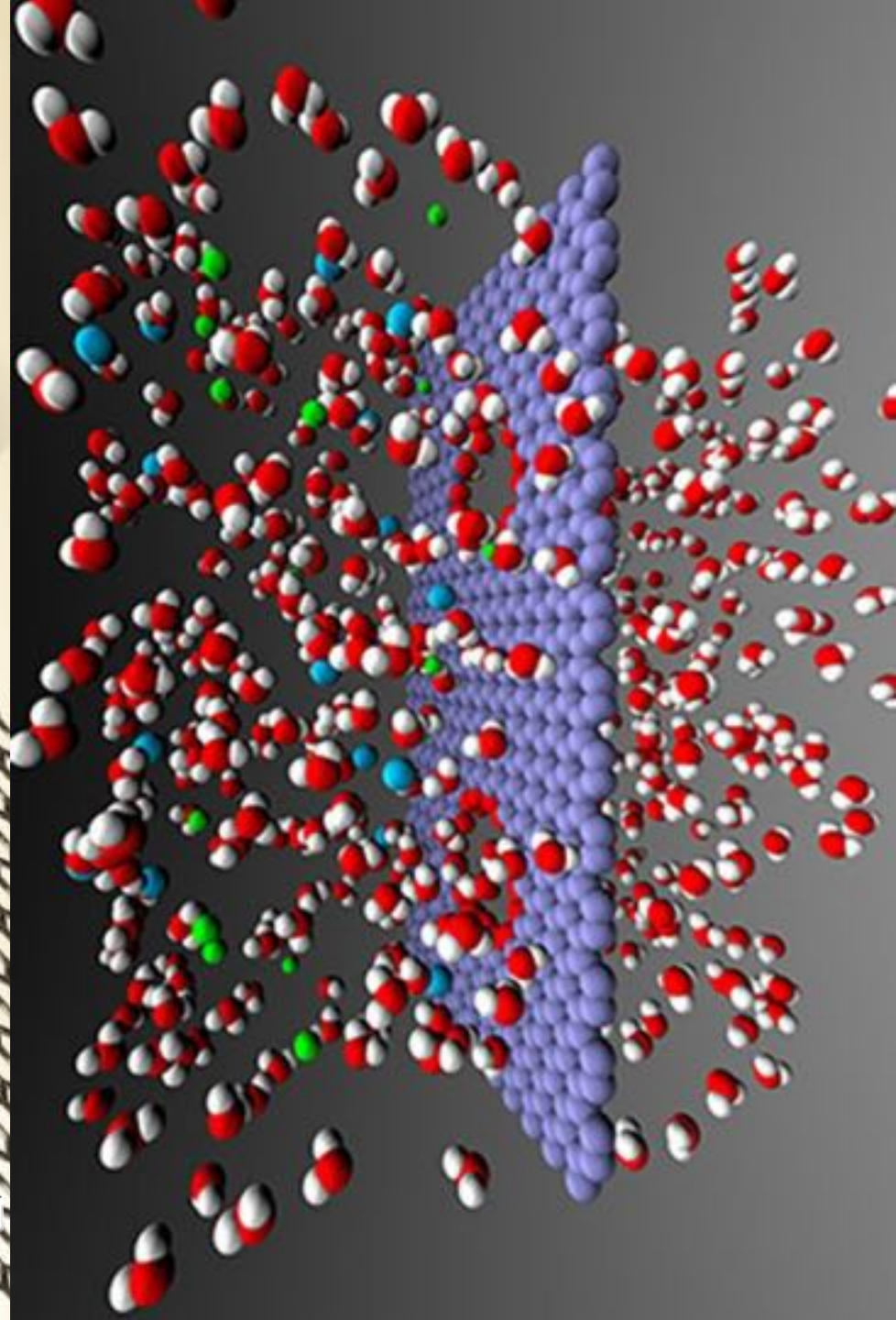
GRAPHENE

Graphene is a single layer (monolayer) of carbon atoms, tightly bound in a hexagonal honeycomb lattice, Graphene is the thinnest compound known to man at one atom thick, the lightest material known the strongest compound discovered (between 100-300 times stronger than steel with a tensile strength.

Graphene naturally repels **water**, but when narrow pores are made in it, rapid **water** permeation is allowed. ... **Graphene** sheets (perforated with miniature holes) are used as a method of **water filtration**, because they are able to let **water** molecules pass but block the passage of contaminants and substances.

GRAPHENE





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NEO: GRAPHENE NANOFILTRATION

CLACK WSI VALVE - 28 GALLONS PER MINUTE

*** ULTRASONIC GENERATOR**

The ultrasonic generator sterilizes the water when it flows through a reactor chamber where a transducer its generating 100 microns of wave amplitude, creating water cavitation and sterilizing the water.

*** NANOPOROUS GRAPHENE MEMBRANE**

Graphene membrane that has 2000 nano pores of .275 nm only allowing water molecules to go through, it could even desalinate water.

n·e·o

Advanced Water Filtration System by

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TRITON: ADVANCED 10-LAYER WATER FILTRATION SYSTEM

CLACK WSI VALVE - 28 GALLONS PER MINUTE

* COCONUT SHELL ACTIVATED CARBON
* CENTAUR CATALYTIC ACTIVATED CARBON
* KDF-85
* KDF-55
* ACTIVATED ALUMINA
* CATION RESIN
*ANION RESIN
* NEXT SAND
* GRAPHENE
* GRAVEL

triton

Pelican Water Systems
Official Factory Direct Website

Culligan Water

Gaiahzo
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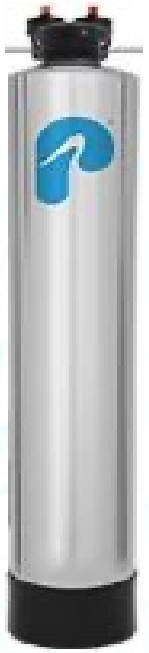
Kinetico
water systems

RainSoft



Specifications

	Layers	GPM	Customer Service	Material	Valve Warranty
gaiah2o	10	28	3 years	Stainless Steel 316	10 Years
Pelican Water Systems	2	15	No	Stainless Steel 304	5 years
RainSoft	2	15	No	Plastic	5 years
Culligan Water	2	15	No	Plastic	5 years
Kinetico water systems	2	15	No	Plastic	5 years

Small, Same old Technology, Unreliable, Cheap and Overpriced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triton

THE WORLD ACADEMY OF MEDICAL SCIENCES
1991
WAMS

Certificate of Accreditation

This certifies that

Gaia H2O Corporation

Has successfully completed the Business Accreditation Program requirement and is now declared as a

WAMS ACCREDITED HEALTH TECHNOLOGY BUSINESS

Certification Number

WAMS-2071-ACT-SA1408-GHC-0267(A)

2020-2023
Valid through

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