

## Health Benefits Of Drinking Filtered Water - AquaOx will contribute to your overall health – inside and out.

by filtering out many contaminants you ingest (drinking), absorb (showering, washing) and breathe (vapors from showering, running water, etc.). Many of these are either known or suspected causing-cancer agents. They can interfere with a variety of body processes. They can be toxic to many organs and tissues including the heart, bones, intestines, kidneys, brain, liver and reproductive and nervous systems.

**Drinking** – The drinking of water containing contaminants allows these contaminants to enter the body. Many people already have concerns about their drinking water and its effect on their health. Carbon-based filters for refrigerator ice machines are magnets for bacteria if not changed regularly. An AquaOx whole-house filter eliminates need and concomitant risk of using ice machine filters.

**Showering/Washing** – Showering, washing your hands exposes your skin to harmful contaminants. Among the chemicals absorbed are cancer-causing chlorine and its derivatives. What's more, the longer you shower or wash, the more chlorine you absorb because warm water enlarges your skin's pores, facilitating absorption. This means showering in chlorinated water is much more dangerous than drinking the same water. In fact, while showering, your body absorbs 6 times the contaminants it does when you drink 8 glasses of water.

**Breathing** – Showering and running water cause chlorine and other harmful synthetic chemicals to become gaseous, making them easily inhaled. Even the simple act of opening a dishwasher just after a completed washing cycle poses threats to your health. At this time, toxic volatilized chlorine and cancer-causing Disinfectant Byproducts (DBPs) are released into the air. Once inhaled, these chemicals enter the blood stream directly without the partial filtering effect of digestion. This can cause or aggravate asthma, and other respiratory problems.

*From a Study Presented to the American Chemical Society:*

*"House holders can receive 6 to 100 times more of the chemical [chlorine] by breathing the air around showers and bath than they would by drinking the water"*



## National Sanitation Foundation (NSF)

All of the components used in the construction of the AquaOx water filter have been certified as meeting the appropriate National Sanitation Foundation (NSF) standards including:

### NSF/ANSI Standard 42:

Drinking Water Treatment Units – Aesthetic Effects

*Overview: This standard covers point-of-use (POU) and point-of-entry (POE) systems designed to reduce specific aesthetic or non-health-related contaminants (chlorine, taste and odor, and particulates) that may be present in public or private drinking water.*

### NSF/ANSI Standard 44:

Cation Exchange Water Softeners

*Overview: This standard covers residential cation exchange water softeners designed to reduce hardness from public or private water supplies. Additionally, this standard can verify the system's ability to reduce radium and barium.*

### NSF/ANSI Standard 53:

Drinking Water Treatment Units – Health Effects

*Overview: Standard 53 addresses point-of-use (POU) and point-of-entry (POE) systems designed to reduce specific health-related contaminants such as Cryptosporidium, Giardia, lead, volatile organic chemicals (VOCs), MTBE (methyl tertiary-butyl ether), that may be present in public or private drinking water.*

### NSF/ANSI Standard 61:

*Water System Components — Health Effects is the nationally recognized health effects standard for all devices, components and materials which contact drinking water.*

## What does AquaOx remove?

The AquaOx whole house water filter is a point of entry water purifying system, which means it purifies all of the water in your house. It filters out 99.9% of contaminants toxins, and heavy metals, including but not limited to chlorine, lead, mercury and Trihalomethanes (Tthm's)\*.

Using patented media, AquaOx reduces lime scale, mold and fungi in your tub and shower. It removes bacteria, chloramines, hydrogen sulfide and VOC's (volatile organic compounds) and many pharmaceuticals. In fact, the AquaOx removes over 200 contaminants. The result: clean, odorless great tasting water.

Chlorine

Tthm's (Trihalomethanes)

Lead

Mercury

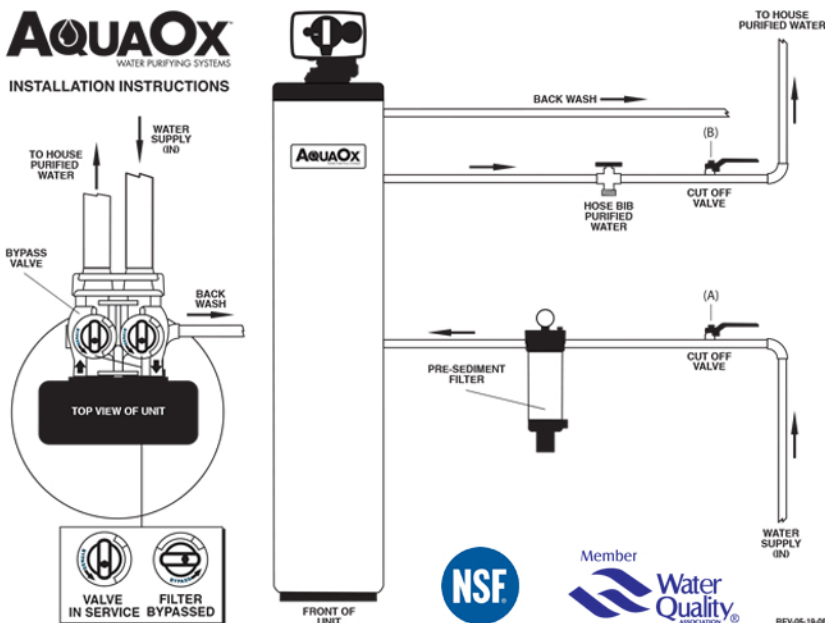
Chloramines

VOC's (volatile organic compounds)

Trichloroethylene (TCE)

Tetrachloroethene

Hydrogen Sulfide



The AquaOx whole house water filter unites science and technology with extreme fluidity. Water passes through six different filter media arranged in layers within the purification tank. Each successive layer, which contains a generous quantity of the required media, has been scientifically engineered to remove a specific set of contaminants. Each layer has also been optimized to ensure sufficient water contact time for removal of the targeted impurities.

Vortech™ plates keep the media separated at two key points and are used in conjunction with the sanitizing backwash feature to keep the media layers clean.