What can you do?

1. **Continue drinking your tap water as is.**
2. **Buy bottled water to drink.** But what about water for cooking? Showering? Brushing your teeth?
3. **Start treating the water coming into your home** so that every tap provides better water.

Water treatment options

Not all water treatment technologies are created equal:

- Chemicals can be dangerous to handle and potentially hazardous to the environment—and some waterborne illness-causing microbes are chlorine-resistant.
- Reverse osmosis wastes an average of three gallons of water for every one gallon it purifies, and it's no longer recognized as a barrier to microbial contamination.
- Filters can improve taste, but they generally don't treat microbial contaminants.

There's is an option that addresses all these issues: ultraviolet (UV) treatment.

UV technology isn't new

Since the early 1900s, UV has been used to inactivate microorganisms in water. For the last 40 years, VIQUA has been refining and perfecting UV technology for use in homes.

Deliver better water to your family

VIQUA is one of the most recognized and respected brands of residential and UV water treatment systems. Our point-of-entry and point-of-use UV systems inactivate common waterborne pathogens*—including *cryptosporidium, giardia, pathogenic E. coli (STEC/VTEC), campylobacter, legionella, salmonella, shigella, norovirus, enterovirus,* and *hepatitis A virus*—to continuously deliver on our promise: consistently better water.†

To find a water treatment professional or for more information about UV water treatment, visit www.viqua.com.

*Efficacy of VIQUA UV systems has been demonstrated in internal testing using surrogate organisms, specifically MS2 Phage. MS2 is a well-documented surrogate organism that is accepted in the water treatment industry in the design and testing of UV systems being used to treat *cryptosporidium* and *giardia*. Contact VIQUA for the details on internal testing performed.

† Versus identical incoming water that is not treated with a UV system. Based on internal efficacy testing, VIQUA UV treatment systems, when installed in accordance with the manufacturer's recommendations and with use of a VIQUA UV lamp that is within its expected life, and subject to mechanical and water quality variables, can inactivate common waterborne pathogens. Actual efficacy of any particular VIQUA UV system will be dependent upon mechanical and water quality variables, including incoming water quality, the specific pathogen(s) present, age of UV light bulb, etc. Accordingly, no guarantee can be provided of actual percentage of common waterborne pathogens inactivated in an application.

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It's Always Time for Better Water

Today, more than ever, people are concerned about the water in their homes. With news about outbreaks of waterborne illnesses, boil water advisories, and aging water infrastructure, protecting your family from these issues is top of mind—and it should be. And unlike municipal water supplies that are regulated by public health authorities, if you depend on a private or shared well, you are solely responsible for the quality of your water.

The quality of your water can change from day to day, season to season—with snowmelt, a heavy downpour, a leaking septic system, or a change in land use. Contaminants can infiltrate wells and aquifers, and aging infrastructure leads to an increased risk of contamination. And since microbial contamination can't be seen, smelled, or tasted, you may not know there's an issue until someone gets sick.

How UV works

Water is treated as it runs through a stainless-steel chamber containing a UV lamp. As water flows past the lamp, microorganisms receive a lethal dose of UV light that attacks their DNA, inactivating their ability to reproduce and cause infection.

UV treatment doesn't require chemicals, so no harmful disinfection byproducts are going back into the environment, and the taste of your water isn't affected.

Chlorine-resistant microorganisms

UV systems treat microbial contaminants found in water, including chlorine-resistant *cryptosporidium* and *giardia*. All water sources can be vulnerable to these microbes given the right conditions. *Cryptosporidium* was responsible for sickening more than 400,000 people and killing 69 in 1993, when it contaminated the drinking water supply in Milwaukee, Wisconsin.[1]

Not all events are so high profile. Every year, despite the amazing efforts made to protect our water, the Centers for Disease Control and Prevention estimates that approximately 7.2 million Americans are sickened by contaminated water.[2]

Think UV. Think VIQUA.

If you're ready to take a proactive approach to protecting your water, a water treatment professional can help you find the VIQUA system that will best address your home's size, current water quality, water source, and budget.

[1] National Library of Medicine. "Costs of Illness in the 1993 Waterborne *Cryptospordium* Outbreak, Milwaukee, Wisconsin." April 2003.

[2] Centers for Disease Control and Prevention. "Waterborne Disease in the United States." January 4, 2023.

VIQUA UV systems install easily into existing water lines and don't take up a lot of space. Our systems are also extremely economical to operate; a typical whole-home system uses the same power as a 40-watt light bulb.

Replacing the UV lamp once a year and occasionally cleaning the quartz sleeve that surrounds the UV lamp (minerals in your water may form a coating) are your only regular maintenance requirements.

VIQUA TAP point-of-use systems provide treated water to a single tap or facet within your home.

VIQUA Arros™ and **HOME** point-of-entry systems deliver reliably treated water to every tap within your home or cottage.

Warranty
Lamp: 1 year
Controller: 3 year full
Chamber: 10 years
Operation and maintenance
Compact design
Easy to install
Simple to maintain
Full electrical safety validation with added safety features
Performance
Superior UV lamp power enabling higher treatment flow rates
Third-party performance validation