

## Maintenance in minutes

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.



## About VIQUA

VIQUA is proud to be the world's largest supplier of residential UV water disinfection systems, providing safe water without the use of chemicals. Whether you choose a point-of-entry or a point-of-use system, your VIQUA UV system will disinfect your drinking water, keeping you and your family safe from microbiological contaminants. Our promise to you is clear: simply safe water. For more information, visit [www.viqua.com](http://www.viqua.com).



## System sizing chart

Model	Typical Uses
VT1, VT4, S2Q-PA, VT1-DWS, VT4-DWS	Single Faucet
S5Q-PA, SV5Q-PA	Small Home or Cottage
D4-V, D4-V+, D4, D4+, S8Q-PA, SV8Q-PA, VH200, VH200-F10, IHS12-D4, IHS22-D4	Average Home
E4-V, E4-V+, VH410, VH410M, VH410-F20	Large Home

Warranty

Lamp – 1 year
Controller – 3 year full
Chamber – 10 years

Operation & Maintenance

- Compact design
- Easy to install
- Simple to maintain
- Full electrical safety validation with added safety features

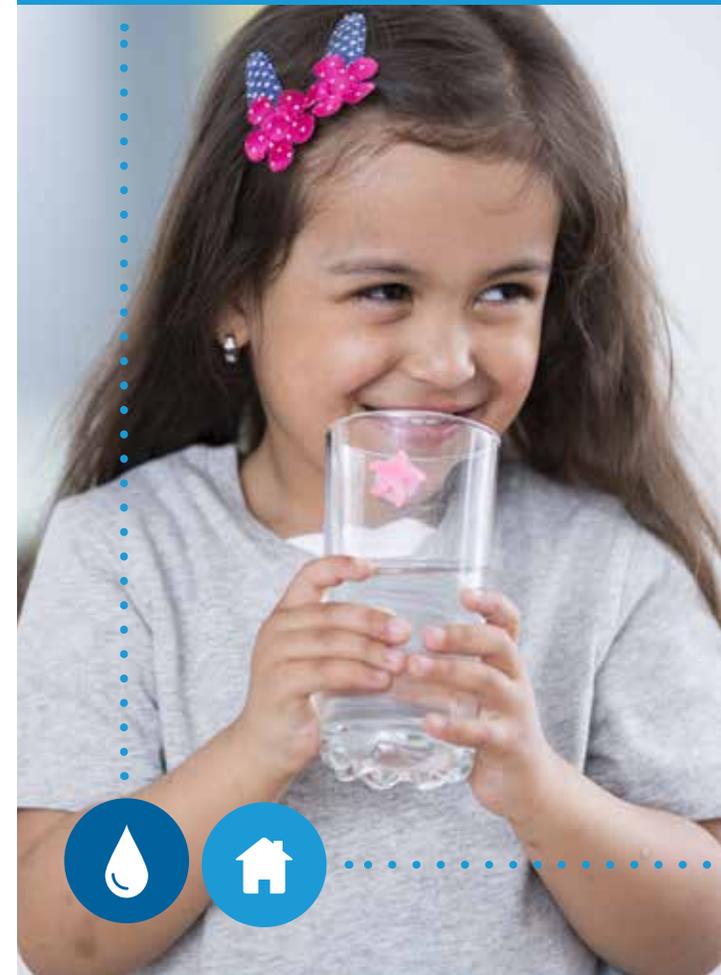
Performance

- Superior UV lamp power enabling higher treatment flow rates
- Third party disinfection performance validation



You buy insurance to protect your car and your home.

Doesn't your family deserve the same protection when it comes to your water?



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## Take back your tap

Today, more than ever, people just like you are concerned about the water in their homes. With all the press about outbreaks of waterborne illnesses, boil water advisories, and water infrastructure issues, keeping your family safe from waterborne illnesses is top of mind – and so it should be.

The quality of your drinking water can change from day-to-day, season to season. Even if your tap water is safe today, contaminants can infiltrate wells and aquifers, and aging infrastructure can lead to an increased risk of contamination. In fact, boil water advisories are becoming more and more common, even in large cities. It's not surprising you're concerned.



### What you can do

Well, you have a few options.

- 1 Continue drinking your tap water.
- 2 Buy bottled water. That only addresses the problem for your drinking water, though. What about water for cooking? Showering? Brushing your teeth?
- 3 Start disinfecting the water coming into your home so that every tap gives safe, treated water.

## Water disinfection options

Not all water disinfection technologies are created equal. For example, chemicals can be both dangerous to handle and potentially hazardous to the environment – and some waterborne illness-causing microbes are chlorine-resistant. Reverse osmosis wastes on average three gallons of water for every one gallon it purifies, and is no longer recognized as a barrier to microbiological contamination. Filters can improve taste, but they generally don't treat microbiological contaminants.

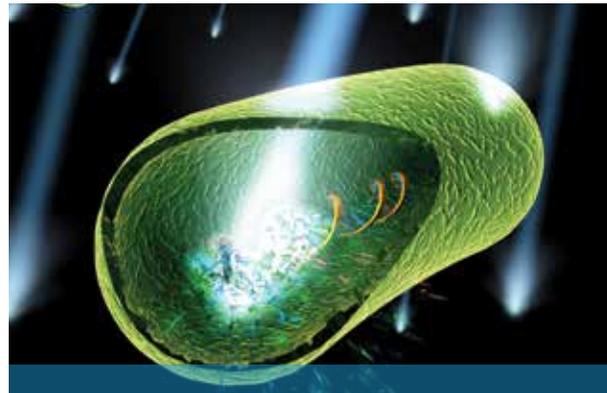
There *is* an option that addresses all of these issues: ultraviolet (UV) disinfection.

### UV technology isn't new. But ours is revolutionary.

UV has been used since the early 1900s as a way to eliminate the health threat of microorganisms in water. At VIQUA, we've been refining and perfecting the technology for use in homes since the 1970s.

### How UV works

Water is disinfected as it runs through a stainless steel chamber containing a UV lamp. As water flows past the lamp, illness-causing microorganisms receive a lethal dose of UV light that attacks their DNA and eliminates their ability to reproduce. Harmful bacteria and viruses are deactivated, and your family is safe!



## Chlorine-resistant microorganisms

By installing a UV system, you can be confident you're protected from chlorine-resistant microorganisms, such as *Cryptosporidium* and *Giardia*. All water systems can be vulnerable to these microbes given the right conditions. *Cryptosporidium* is resistant to chlorine and has become a common waterborne disease everywhere. This microscopic bug was responsible for many deaths and widespread illness when it contaminated the Milwaukee, Wisconsin, drinking water supply in 1993, sickening over 400,000 people and killing over a hundred.

But not all events are so high profile. Every year, thousands of cases of illness caused by *Cryptosporidium* and *Giardia* are documented by the Centers for Disease Control and Prevention (CDC), despite the amazing efforts made to keep our water safe. And according to a recent study published in the United States, as many as 19.5 million cases of illness every year can be attributed to contaminated drinking water.

### Think UV. Think VIQUA.

UV water disinfection is a safe, chemical-free way to treat water. Even chlorine-resistant microorganisms are made harmless through UV exposure. Lack of chemicals means no harmful chemical byproducts are going back into the environment, and the taste of your water is not affected in any way. VIQUA's UV systems install easily into existing water lines and provide clean, safe water to every tap in your house.

Our UV systems are also extremely economical to operate. A typical whole home system uses the same power as a 40-Watt light bulb.

Depending on the size of your home, the current quality of your water, and your water source, we can provide a system to meet your needs. Please refer to our handy system sizing chart on the back of this pamphlet to see what kind of system would work for you and your family.