



Phelps Water Company

Water Treatment • Well Pump Services

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VIQUA VH200 ULTRA-VIOLET SYSTEM

FLOW RATE

The Viqua VH200 UV System provides a consistent 9GPM flow rate.

UV PROTECTION

UV has been used since the 1900s as a way to eliminate the health threat of micro-organisms in water. VIQUA has been refining and perfecting the technology for use in homes since the 1970s

ECONOMICALLY EFFICIENT

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

USER-FRIENDLY DESIGN

Simple, compact design including the ballast with error code reader and day countdown to let you know when the bulb needs to be replaced

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 micro-organisms 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!

LONG TERM PROBLEM SOLVING

UV is a long term solution – constantly treating your water as long as the system is supplied with electrical power

The best way to eliminate bacteria from your water is to install an Ultra Violet light. The ultra violet light bulb eliminates 99% of bacteria that comes through your system to ensure that your water is clean and free of most bacterias. Our Ultra Violet light system is installed after the pressure tank and any existing water treatment. We offer a range of systems based on flow rates from 5gpm to 100gpm.



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.

The Sterilight Ultra Violet Light system is an effective way to eliminate bacteria (with a 98% guarantee when treated properly) in your water. An Ultra Violet Light provides you with 9000 hours (approximately 1 year) of consistent output to ensure continuous disinfection of bacteria, viruses, and protozoan cysts. It is "Nature's inexpensive, chemical free way to ensure safe water." An Ultra Violet Light system is a low maintenance and easily serviced unit that provides you with the safest drinking water possible. We sell and install the whole system as well as service or replace any existing system on the market.

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 systems are no longer recognized as a barrier to microbiological contamination. Filters can improve taste, but they generally don't treat microbiological contaminants.

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

By installing a UV system, you can be confident you're protected from chlorine-resistant micro-organisms, such as Cryptosporidium and Giardia.



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