

Where Can UV Be Used?

Short answer: **everywhere!** Ultraviolet (UV) disinfection of drinking water has been growing steadily in popularity, as people search for a chemical-free solution for treating their water for microbiological contaminants.

In many jurisdictions, campgrounds, churches, and even golf courses are considered “small drinking water systems”. Why? Because they’re all places where the public can get drinking water. In these circumstances, any water supply that is not municipal will need to be disinfected. The regulations are also likely to specify that if UV is chosen for disinfection, the system will have to conform to NSF Standard 55 Class A. Systems certified to this protocol are rigorously tested to ensure a UV dose of 40 mJ/cm² to inactivate microorganisms, including bacteria and viruses, from contaminated water.

Many systems in the VIQUA Professional series have been tested and certified under the rigours of the NSF 55 Class A protocol and can be applied in any regulated type drinking water application.

Schools, daycares, eldercare, and healthcare facilities

The young, the elderly, and those with compromised immune systems are among those most susceptible to infection. In many jurisdictions, especially if the facility is served by a private water supply, water quality is subject to regulation. VIQUA systems that carry NSF/ANSI Standard 55 Class A certification are ideally suited to this. Even where disinfection residual is required, using a multi-barrier approach (UV plus reduced chlorination) can deliver disinfection with less risk of exposure to chlorination by-products.

Dental practices

Ensuring the quality of the water used in a dental office enhances infection control practices. UV systems delay the formation of biofilms within the plastic tubing that transports water to the hand-pieces and air-water syringes. Rely on VIQUA UV systems for confidence in patient wellbeing.

Benefits of Ultraviolet Disinfection

- Chemical-free
- Easy to install and service
- Economical and energy efficient
- Addresses a broader range of pathogens than chlorine*
- Recognized by regulators including USEPA

*Some protozoa like *Cryptosporidium* and *Giardia* are resistant to chlorination.





Cottages, camps, RVs, and boats

Whether the water source is a lake, a well or an on-board supply, don't let poor water quality ruin your customers' recreation. UV is a chemical-free solution to treat the water consumed by all outdoor enthusiasts. For non-community water supplies like camps, VIQUA UV systems can disinfect the water for visitors and business owners alike.

Offices and public buildings

It's simply good business to ensure the quality of the water provided for employees and visitors, from washrooms and drinking fountains, to water features. Taking steps to protect your employees and visitors is just good business!

Restaurants, hotels, and resorts

It's hard to name an industry that relies more heavily on recommendations and word-of-mouth. Guest experience is everything. Water quality enhances food and beverages, and water safety ensures your reputation – and your livelihood. Count on VIQUA UV systems for water disinfection.



Vending

A gourmet coffee, specialty tea, and a really refreshing cold drink all have their basis in quality source water. Don't compromise on taste, and never compromise on disinfection. With water main breaks becoming all the more frequent, don't be caught without a treated water supply. VIQUA UV systems can be used even during boil water advisories.

Rainwater

More and more homeowners and organizations are opting to harvest rainwater as a private water source. Disinfection of that water is required for potable uses, and VIQUA UV Integrated Home Systems (IHS) deliver disinfected, clean-tasting, chlorine-free water.

Dairy and Livestock

Animals grow faster, and cows produce more milk with a clean, disinfected water supply. Why? They drink more and get sick and dehydrated less often. Using VIQUA UV treatment provides a chlorine-free means of helping protect animals from infection.

About VIQUA

VIQUA is proud to be the world's leading supplier of residential and light commercial UV water disinfection systems, providing treated 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, helping protect you and your family from microbiological contaminants.

For more information, visit www.viqua.com.