

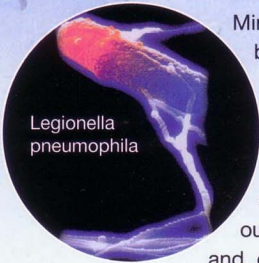


AQUADA UV

**Eliminate bacteria
in your drinking water!**



Protect your Family from Micro-Organisms



Mirco-organisms include tiny bacteria, viruses and cysts that exist in nature. Although local water supplies are treated by various processes, including chlorine, these organisms can survive in the water delivered to our home for use in bathing, washing and, of course, drinking.

Legionella pneumophila – even extremely resistant bacteria are safely destroyed in your drinking water by AQUADA UV light systems

Although most are harmless, exposure to dangerous micro-organisms can result in severe illness. Especially vulnerable are elderly people, those with weakened immune systems, and children.

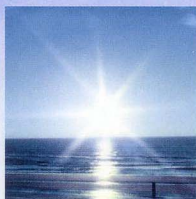
The most effective way to destroy these organisms and prevent the potential for illness is through disinfection of your water at home using ultraviolet (UV) light. Connected to the water supply line in your home, ultraviolet disinfection provides a final barrier to these organisms for your entire house-hold.

While other home water treatment processes such as filtration or water softeners will improve the taste and clarity of your water, they are not designed to protect against dangerous micro-organisms. UV will instantly and effectively render dangerous organisms harmless.

**Biodosimetric
tested by the
Hygienic Institute,
University of Bonn**

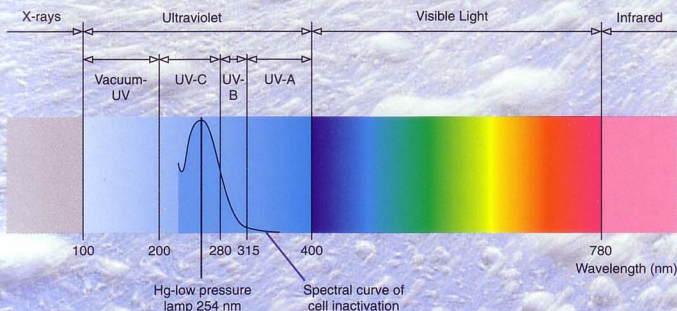
Ultraviolet Light destroys bacteria naturally

Ultraviolet light is a natural component of sunlight, falling just below the visible light region of the electromagnetic spectrum. Higher energy wavelengths of UV light have the unique ability to destroy microorganisms (bacteria, viruses, cysts, etc.) in water or air, stopping the ability to multiply and cause infection and illness.



UV-radiation is part of the natural sunlight

Unlike chemical disinfectants, which rely on chemical oxidation to disrupt the life functions of micro-organisms, UV is simply light energy that cripples the DNA of harmful organisms. By disabling their DNA the life functions of these organisms are interrupted, rendering them harmless. Because no chemicals are involved, you don't have to worry about drinking harmful chemicals or their by-products.



Ultraviolet is light with very high energy levels and a wavelength of 200-400 nm. One of the most effective wavelengths for disinfection is 254 nm. This is the main component of the **Aquada UV** lamp output.

