HOW ULTRAVIOLET WORKS

SWIMMING POOLS

FOOD & BEVERAGE

RESIDENTIAL & BUSINESS

As water passes by the UV lamp germicidal rays attack the DNA of bacteria & viruses making them unable to replicate & cause diseases

PONDS

AQUARIUMS

GREENHOUSE GROWING

- UV is a point-of-use technology. The water is being treated only when it is illuminated inside the pipe. There are no harmful by-products or residuals to worry about.
- UV is also used for many different specialized processes. The list of uses continues to grow as industries try to reduce or eliminate the need for chemicals.
- There are no single celled micro-organisms known to be resistant to UV

AQUA® ULTRAVIOLET
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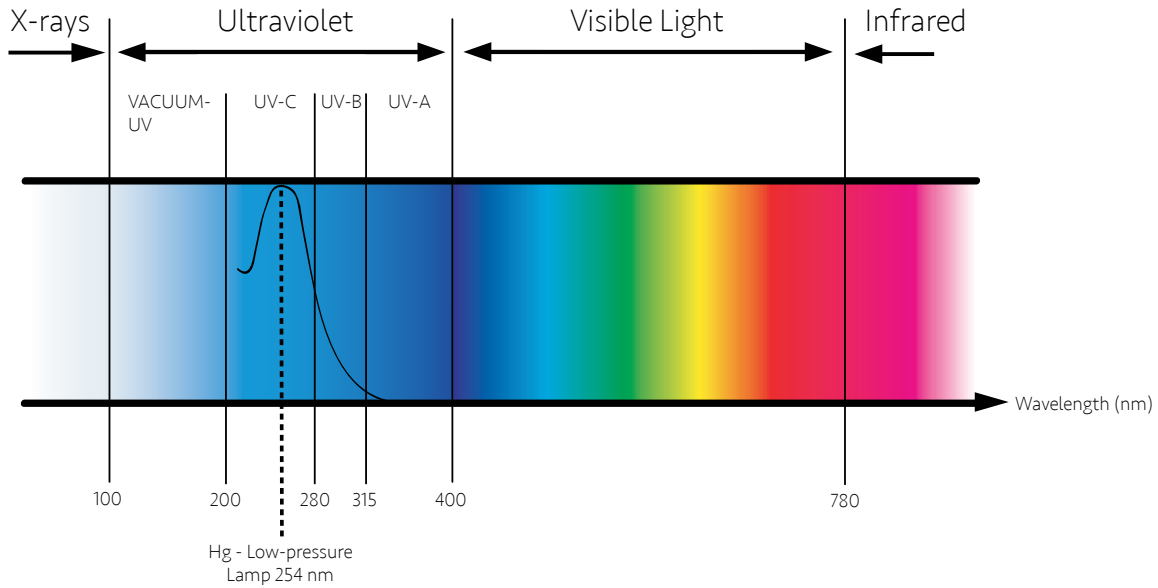
AQUA ULTRAVIOLET

Resources

Aqua Ultraviolet has over four decades of experience in manufacturing aquaculture UV filters to provide custom solutions to a wide variety of applications.

Ultraviolet (UV) light is a form of light that is invisible to the human eye. It occupies the portion of the electromagnetic spectrum between x-rays and visible light. A unique characteristic of UV light is that a specific range of its wavelengths, those between 200 and 300 nanometers (billionths of a meter), are categorized as germicidal – meaning they are capable of inactivating microorganisms, such as bacteria, viruses, and protozoa.



Aqua Ultraviolet Filtration Systems

Ultraviolet (UV) light disinfection systems play an important role in a complete water treatment process in aquaculture facilities.

Classic Series
SL Series
Viper Series