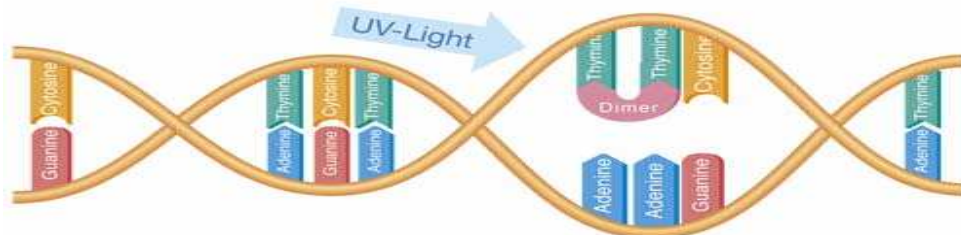


Using the Sun as Our Example

Today, after many years of research, we recognize that the most effective alternative water disinfection process available is ultraviolet light (UV). UV disinfection mimics the sun's natural behavior: that is, ultraviolet energy destroys the ability of dangerous microorganisms to multiply, rendering them harmless to humans and the environment

Deactivation of harmful micro-organisms



By changing the DNA the cell division of the microorganism is interrupted – it can no longer reproduce itself and thus loses its pathogenic effect. With technology it is possible to destroy more than 99.99% of all pathogens in water, without the addition of chemicals, without harmful side effects, inexpensively, highly efficiently and absolutely reliably.

Physical instead of chemical disinfection

UV disinfection is a purely physical process. Micro-organisms such as bacteria, viruses, yeast, etc. that are exposed to the effective UVC radiation are inactivated within seconds.

The advantages are...

- no chemicals added
- no environmental problems
- the water retains its natural flavor and smell
- no by-products that might endanger health
- no corrosion problems
- no reaction tanks or secondary pumps
- micro-organisms inactivated within seconds
- a technology tried and tested in thousands of installations
- the process requires little maintenance and is easy to handle
- minimum operating costs
- maximum operating safety
- modular system for adaptability