

Process / Potable Water Treatment

UV Disinfection



Product Application

UV Disinfection for water treatment was first implemented in the early 1900s and been commercialized in the 1960s and today it is widely used in industrial, commercial and even in residential applications:

- Drinking Water
- Swimming pools
- Pharmaceutical
- Food and Beverage Industry
- Wastewater Treatment

Process Description

UV Disinfection is a physical treatment technology and a chemical-free process of purifying water. It is extensively used as an effective treatment to eliminate or inactivate viruses and bacterial contaminants in water. UV disinfection takes place when the water is exposed to the UV light which alters the microorganism's DNA and inactivates its cells to reproduce.

Product Benefits:

- More effective disinfection with shorter contact time than Chemical Disinfection Dosing System
- Compact design with minimal footprint
- No chemical requirements
- Easy operation with less human interference
- Modular design, easy to expand and to maintain

Service and Features:

- Supply as part of integrated system to achieve the performance guarantee values
- Fast track delivery
- Retrofit for existing filters
- Installation & supervision commissioning
- Operation & maintenance services

