# Aquafine™ // MARINE

## INDUSTRY-SPECIFIC APPLICATIONS FOR UV TECHNOLOGY

APPLICATION: Disinfection, Chlorine & Chloramines Reduction // UV SERIES: Logic™, MPR™

Aquafine's UV systems provide complete disinfection security for drinking water, discharged wastewater and recreational water on-board vessels and platforms around the globe.

### UV Technology

UV disinfection systems for Marine applications ensure the health and safety of the ships personnel by supplying safe pathogen-free water.

Aquafine UV systems are engineered to focus the power of concentrated UV light utilizing one or several specially designed Aquafine UV lamps, recognized in the industry for unsurpassed performance and reliability.

Environmentally responsible UV technology for water treatment produces no harmful by-products, imparts no taste or color and disinfects water to meet the highest standards in a variety of applications.


### UV Technology for Marine

Ultraviolet (UV) light represents a powerful technology that has been successfully deployed in diverse industries including Marine applications. UV disinfection is a chemical-free and very effective method of inactivating a wide range of waterborne pathogens on-board ships.

Aquafine's UVK series is a robust UV water treatment system specifically targeted for marine drinking water systems and features the industry's most advanced 9,000 hour low-pressure, high-output (LPHO) amalgam lamp technology. The compact size has the ability to be installed horizontally or vertically. All models are CE compliant, as well as Germanischer Lloyd, DVGW and NSF 61 certified. Select models are NIPH certified.

The TrojanUVLogic series is a highly versatile UV water treatment system utilizing amalgam technology, with broad capabilities for many industrial applications. The series features the industry's most advanced low-pressure, high-output (LPHO) amalgam lamp technology. TrojanUVLogic systems are CE compliant as well as NSF 50 and cULs certified.

The MPR series for disinfection and chloramine reduction utilizing medium-pressure (MP) lamp technology are the systems of choice for meeting the rigid quality standards of the Recreational Waters market to ensure it remains free from harmful substances, bacteria, viruses, algae and other pathogens and is suitable for use by swimmers. Aquafine's MPR™ series is CE compliant as well as NSF 50* and cULus certified.

*Select models only.

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## UV Disinfection Applications in Marine

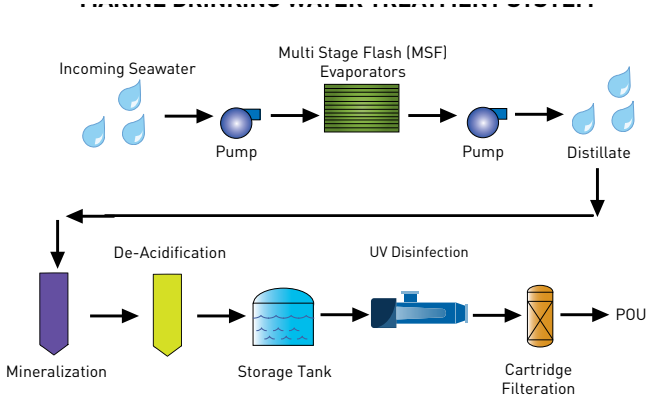
### Potable Water
UV disinfection systems for drinking water ensure the health and safety of the ships personnel by supplying safe pathogen-free, water on seagoing vessels.

### Recreational Water
UV disinfection systems for swimming pools on cruise ships protect the health and safety of the swimmers by inactivating a wide range of waterborne pathogens, including chlorine and filter resistant protozoans such as *Cryptosporidium* and *Giardia*.

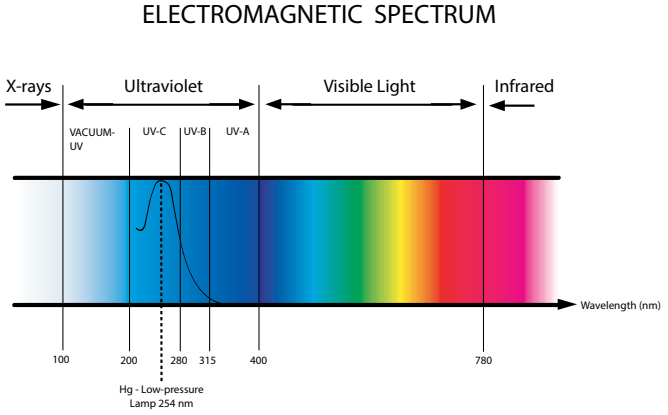
### Waste water
Effluent water is disinfected from wastewater treatment systems on-board ships before being discharged into the ocean.

For questions regarding your application needs, please contact your local Authorized Distributor or Aquafine for more information.

## Marine Drinking Water Treatment System




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.




**Aquafine is an ISO 9001 certified company. Aquafine equipment performance is guaranteed with the use of genuine OEM replacement parts.**

Aquafine™
A TROJAN TECHNOLOGIES BUSINESS