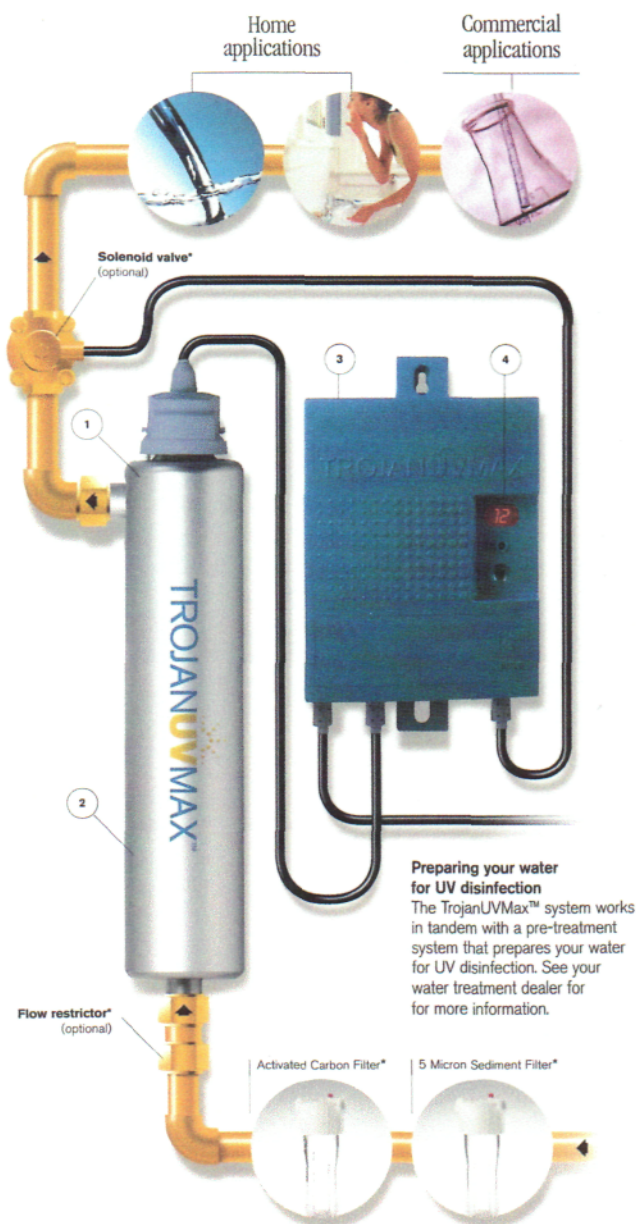


The TrojanUVMax™ system.

The most advanced UV technology, ensuring that you get a robust, cost-effective, and efficient solution to your disinfection needs.



* Components marked by an asterisk are not included in the TrojanUVMax™ system.

a low-pressure, high-output lamp new to the residential and commercial UV market. These lamps provide a higher intensity of UV light making it possible to treat a given volume of water with smaller, more efficient units.

②

A unique water chamber design

Trojan's unique water chamber optimizes hydraulic performance and increases disinfection efficiency. Designed by computer simulation and validated by bioassay testing, the water chamber maximizes exposure to the penetrating light. TrojanUVMax™ offers models to treat flow rates up to 47 gallons per minute (178 litres per minute). TrojanUVMax™ is leading the next generation of residential and commercial UV systems.

③

New power supply technology

Electronic advances in Trojan's power supply offer flexibility over a broad range of voltage supplies (90-265V). In addition, it can withstand fluctuations in voltage that most power supplies are unable to tolerate while maintaining lamp intensity to ensure continuous disinfection.

④

TrojanUVMax™ reminds you to replace the lamp

To help remind you when to replace the lamp (it is important to do it once every year), Trojan has incorporated visual and audio signals. And, at any time, the display will tell you how many months the lamp has been in use. Should your lamp ever fail, your system will automatically sound an alarm.

New UV intensity monitoring device

The premium version, TrojanUVMaxPlus™, incorporates brand new and innovative UV intensity monitoring technology. The new design enhances the reliability and accuracy of this optional safety feature.

Disinfection

When bacteria, viruses, and other microorganisms are exposed to germicidal UV light at a particular wavelength (253.7 nanometers) their reproductive capabilities are destroyed, which means that they are inactivated and no longer pose a threat to human health.

Ultraviolet disinfection systems channel water past submerged lamps that emit lethal doses of UV energy, destroying any pathogens. The strength of a dose is a product of the UV light intensity and exposure time.

Not only is it safe and highly effective, UV does not change the taste, color, or odor of water. It simply removes the risk of illness caused by microbial contamination, making water safe to drink or use commercially.

Who uses UV disinfection systems?

For more than 20 years, institutions, consumers and businesses have relied on Trojan's environmentally friendly UV technology to disinfect their water supplies. Top candidates for UV disinfection systems include:

- RURAL HOMES AND COTTAGES
- FARMS
- NURSING HOMES
- HOSPITALS
- SCHOOLS
- HOTELS
- RESTAURANTS
- RESORTS AND HOLIDAY CAMPS
- LABORATORIES
- FOOD AND BEVERAGE COMPANIES
- PHARMACEUTICAL COMPANIES
- COMMUNITY WATER SYSTEMS

TrojanUVMax™ Certifications

