



*[Company Overview]*

**VIQUA**<sup>TM</sup>

A TROJAN TECHNOLOGIES COMPANY

# LEADING THE WAY TO SAFE WATER

New company name. Same proven products. Leading brands TrojanUVMAX™, Sterilight®, Advanced Water Products™ and Ozone are backed by the same skilled group of water treatment professionals at VIQUA – a Trojan Technologies Company. We've combined and built our water IQ so that you can have water confidence.

**VIQUA** (vee-kwa) is a leading water treatment technology company focused on providing our customers with confidence in their water. In over 100 countries, our UV systems are disinfecting water in homes and light commercial applications including: apartment complexes, manufacturing facilities, campgrounds, resorts, hotels and hospitals. Every minute, VIQUA systems treat over five million gallons of water. VIQUA has more than 90 dedicated employees reporting to the Guelph, Ontario, Canada headquarters which is situated 40 miles west of Toronto. A modern facility houses all manufacturing, distribution, sales and marketing operations for VIQUA.



**VIQUA**<sup>™</sup>

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# WITH CONFIDENCE

Driven by a passion for solving drinking water-related environmental problems, VIQUA provides integrated, flexible and modular systems that meet the challenges of water disinfection. Our solutions are based on a deep understanding of the regulatory, health and safety, environmental and economic issues related to clean water, assuring that our treatment technology solutions are reliable, efficient and effective. You can trust that a relationship with VIQUA will provide you with unparalleled expertise to meet water treatment challenges today and in the future. VIQUA is proud to be an NSF certified manufacturer and we have over fifteen Certified Water Specialists (CWS) on staff, certified by the Water Quality Association.



**VIQUA™**

A TROJAN TECHNOLOGIES COMPANY

# WATER TREATMENT SOLUTIONS

We offer a complete solution for all your water needs. Effective against pathogenic viruses, bacteria, and protozoa, UV disinfection is now the preferred choice for drinking water disinfection. Since 1989, with our Sterilight® brand, VIQUA offers solutions ranging from:

- REGULATED UV SYSTEMS – NSF 55 Class A Third- party Validated Systems for Residential Applications
- STANDARD UV SYSTEMS – Drinking water disinfection systems for residential or light commercial applications of a high water quality
- MONITORED UV SYSTEMS – Drinking water disinfection systems for residential or light commercial applications of an unknown water quality



**VIQUA**<sup>™</sup>

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## STERILIGHT® PLATINUM™ “SPV” SERIES

The Sterilight® Platinum “SPV” series carry NSF/ANSI Standard 55, Class A certification. A total of eight systems are available with flow rates from 1.5 to 20 US gallons per minute (gpm). Whether you are looking for a point-of-use disinfection system or a high-flow point-of-entry system, Sterilight’s “SPV” Platinum systems have you covered.

These validated systems carry a 40 mJ/cm<sup>2</sup> UV dose at the alarm set-point as dictated by the NSF/ANSI Standard 55 test protocol. Systems offer a 99.99% reduction in bacteria, viruses, *Giardia* and *Cryptosporidium*.

Applications include private wells, campgrounds, hotels, bottlers, aquaculture, hospitals, food, cottages, restaurants, breweries, water systems, laboratories, marine, pharmaceutical, dairies and many others.

## STERILIGHT® PLATINUM™ “SP” SERIES

The Sterilight® Platinum™ “SP” series covers a range of flow rates up to 60 USgpm depending on the specific dose required. A total of eight systems are available and cover point-of-use or high-flow point-of-entry applications. Whatever your disinfection requirements may be, Sterilight’s “SP” Platinum systems have you covered.

Applications include private wells, campgrounds, hotels, bottlers, aquaculture, hospitals, food, cottages, restaurants, breweries, water systems, laboratories, marine, pharmaceutical, dairies and many other applications.



[Sterilight® Platinum™ "SPV" Series]



**Sterilight**

## **STERILIGHT® COBALT™ “SCM” SERIES**

The Cobalt™ “SCM” line of disinfection systems incorporate high-output UV lamp technology coupled with efficient axial flow reactors. This modular line of UV disinfection systems incorporate a UV intensity monitor for conditions where water quality is unknown and/or a monitoring system is required.

These systems are manufactured from 304 stainless steel axial flow reactors and incorporate our Cobalt™ “SCM” controller providing constant output current as well as visually displaying UV output percentage, remaining lamp life and total days of operation. Coupled with a true 254nm UV intensity monitor, these systems offer continuous monitoring and warns of any changes in water quality. Additionally, an optional Y-cable is available that provides a 4-20mA output for a physical connection to a remote monitoring system. This system is fully CSA and CE compliant and is packaged in a water-tight case.

## **STERILIGHT® COBALT™ “SC”**

The Cobalt™ “SC” line of disinfection systems incorporate high-output UV lamp technology coupled with efficient axial flow reactors. This modular line of UV disinfection systems offered in flow rates of 8-40 USgpm (30.3-151.4 lpm), are ideally suited for commercial/industrial and point-of-entry applications with high flow rates and constant flow demands.

Using low pressure high-output, Sterilume™- HO coated germicidal UV lamps coupled with 304 stainless steel axial flow reactors, the Cobalt system offers a compact installation footprint, yet provides a high flow throughput. Systems also incorporate our new Cobalt™ “SC” controller providing constant output current, a universal power input (100-240V./50-60Hz.), as well as visually displaying remaining lamp life and total days of operation. This system is fully CSA and CE compliant and is packaged in a water-tight case.

[Sterilight® Cobalt™ "SCM" Series]



**Sterilight**

## STERILIGHT® SILVER™ “SSM” SERIES

The Sterilight® Silver™ “SSM” line of disinfection systems incorporates a UV intensity monitor in a modular line of ultraviolet disinfection systems with flow rates ranging from 3-15 USgpm (11-57 lpm) that can be used in myriad of applications where water quality is unknown and/or a monitoring system is required.

Our Silver™ “SSM” controller provides a constant output current and a universal power input (100-240V./50-60Hz.), as well as visually displaying UV output percentage, remaining lamp life and total days of operation. Coupled with a true 254nm UV intensity monitor, these systems offer continuous monitoring and warns of any changes in water quality. An optional Y-cable is available that provides a 4-20mA output for a physical connection to a remote monitoring system. Systems are packaged in a water-tight case and are fully CSA and CE compliant.

## STERILIGHT® SILVER™ “PA” SERIES

This modular line of ultraviolet disinfection systems can be used in myriad of applications where flexibility and pricing sensitivity is a deciding factor. With flow rates ranging from 2-15 USgpm (7.5-57 lpm), these small systems are ideally suited for point-of-use filtration, reverse osmosis (RO) pre or post disinfection, while larger systems can be used on a point-of-entry application, disinfecting the water for an entire home or cottage. The low pressure germicidal lamps provide an economical way of treating water requiring a 99.99% reduction in bacteria, viruses and protozoan cysts.

The simplistic design allows for simple homeowner maintenance. The UV lamp can be replaced without interrupting the water flow. The quartz sleeve design allows for maximum UV output and operating efficiency.

## STERILIGHT® COPPER SYSTEMS™

The Sterilight® Copper™ line of disinfection systems is our “entry” level UV system. This modular system, incorporating our integral Copper™ ballast, is ideal for small point-of-use applications such as post filtration, or as a pre or post application on a residential RO system. Three models are available in flow rates of 1, 2.5 and 4 gpm (4, 9.5 and 15 lpm).

These systems are manufactured with axial flow reactors in 304 stainless steel and come with unique combination ports with 3/8” FNPT / 1/2” MNPT connections. Sterilume™- EX coated low pressure germicidal UV lamps can be easily replaced without interrupting the water flow and the overmoulded lamp connector can be removed without the need for additional tools.

[Sterilight® Silver™ "PA" Series]



**Sterilight**

## **TROJANUVMAX™ (MODELS A THROUGH J)**

The TrojanUVMax™ product line offers models with a wide range of features and benefits, allowing you to select just what you need for each given application. Models A, B4, C4, D4, E4 and F4 are famous for their unique lamp and sleeve assembly that allows for both to be removed in seconds and without any tools! Models G, H & J offer high flow rates and an extremely compact footprint. Additionally, being built on our state-of-the-art Pro Series platform allows them to share in many of the same product advances.

## **TROJANUVMAX™ PRO SERIES (MODELS Pro10, Pro20, Pro30, Pro50)**

The next generation in UV technology, the TrojanUVMax™ Pro Series offers a unique combination of brains and brawn, with twice the raw power of other UV systems and the intelligence to provide a real-time measure of the delivered dose.

Most importantly, we've drastically improved the most critical measure of a UV system's performance - its ability to deliver a constant, reliable dose. This means you can feel comfortable treating ice-cold waters and hot water recirculation lines, in a cool basement or a hot pump house!

The new Pro Series products use a revolutionary lamp with twice the output of current high-output lamps, giving you compact single-lamp systems that are half the size of their predecessors. Our revolutionary new lamps last an unprecedented two years, reducing maintenance requirements. In March 2009, we introduced our new TrojanUVMax™ Pro50 validated system. The TrojanUVMax™ Pro50 light commercial series offers both validated and non-validated versions.

*[TrojanUVMax™ D4 Plus]*



TROJAN **UV** MAX™

## **THE STERILIGHT® LIGHT COMMERCIAL SERIES (SV50, SM70 & S70)**

The Sterilight® SV50 (third-party validated), SM70 (monitored), S70 (basic system) products are ideal for light commercial applications, as the 2" ports allow for higher flows. It also has an additional option of third party proven performance under the USEPA UVDGM 2006 validation protocol. This new addition to the VIQUA family of residential products is both, compact and robust, perfect for light commercial installations as well as regulated and non-regulated drinking water applications.

## **TROJANUVMAX™ LIGHT COMMERCIAL SERIES (Pro50, K & K+)**

The TrojanUVMax™ Light Commercial Series Pro50 (third-party validated), K+(monitored), K (basic system) products are ideal for light commercial applications, as the 2" ports allow for higher flows. This higher capacity product offers all product advances of the existing TrojanUV Max Pro series, such as its intuitive interface, plug-and-play connections and a sensor confirmation button. It also has an additional option of third party proven performance under the USEPA UVDGM 2006 validation protocol.

This new addition to the VIQUA family of residential products is both compact and robust, perfect for light commercial installations as well as regulated and non-regulated drinking water applications.



*[TrojanUVMax™ Light Commercial Series Pro50]*



TROJAN **UV**MAX™

## THE ADVANCED WATER PRODUCTS™

With our Advanced Water Products™ line of water filtration products, coupled with our UV products, we offer the complete solution to all your water needs. If your markets require third party validated components or systems, we have a full line of NSF approved products available.

**WATER SOFTENERS** – Drinking water treatment equipment for the removal of hardness, iron and hydrogen sulphide; these systems are also offered in commercial sizes.

**BACKWASHABLE FILTERS** – Filters for applications of high pH, CTO (chlorine, taste & odour) reduction, iron manganese removal and iron and hydrogen sulphide removal

**FILTERS** – Drinking water filtration devices for the removal of particulate and high turbidity for both POU and POE applications

**REVERSE OSMOSIS** – Fine filtration systems for the removal of TDS from drinking water at a point-of-use application

**FITTINGS AND TUBING** – Several different options from very basic valves and connectors to completely programmable, top of the line fittings

## OZONE

VIQUA offers our Ozone line of products for the treatment of pools and spas that offers sanitization without chemicals. Within our ozone line of products, VIQUA also carries accessories to compliment your system that include: installation kits, lamps, controllers/ballasts and check valves.

**If it's not a Genuine Sterilight® or TrojanUVMAX™ part, it shouldn't be part of your system.**

Each component of your Sterilight® and Trojan system has been designed and developed through extensive research and development to be part of an overall system that operates safely and efficiently over its entire lifetime. Get Genuine Sterilight® and TrojanUVMax™ lamps are:

- CSA certified. Replacement with any other lamp voids CSA certification and compromises safe system performance
- Third-party validated ensuring effective output and disinfection
- NSF certified; the use of non-genuine lamps voids NSF certification
- Long-life coated for stability, longer life and increased efficiency
- Environmentally friendly, with less than 10mg of mercury; 70 per cent less than most other commercially available lamps
- Toxicity Characteristic Leaching Procedure (TCLP) compliant, meeting US state requirements regarding the *Mercury Phase-Out* program
- Covered by a one-year warranty

Getting Genuine ensures maintenance of your system warranty. VIQUA, a Trojan Technologies Company, cannot warranty any system component if non-genuine lamps are used. Ensure the performance, safety and warranty of your Sterilight® and TrojanUVMax™ systems....GET GENUINE.

*[AWP Sanitizer]*



*[AWP Filter]*



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