Go Pro.

WHO IS VIQUA - a Trojan Technologies Company

VIQUA is a leading water treatment technology company focused on providing our customers – residential and light commercial – confidence in their water. Offering a complete solution package including UV disinfection, water filtration, softeners and ozone products.

WHAT IS UV?

Ultraviolet (UV) light is at the invisible, violet end of the light spectrum. The water treatment industry uses a high-powered form of UV light called UV-C or "germicidal UV" to disinfect water.

HOW DOES UV LIGHT WORK?

UV-C rays penetrate microorganisms and destroy their ability to reproduce, effectively rendering them harmless. It's a simple but effective process, destroying a minimum of 99.99% of harmful microorganisms, including *E. coli, Cryptosporidium,* and *Giardia*.

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.

WHY NOT USE CHLORINE?

Chlorine changes the taste and odor of water. Chlorination may also produce harmful by-products that are linked to the incidence of cancer.

WHO USES UV DISINFECTION SYSTEMS?

For more than 30 years, institutions, consumers and businesses have relied on VIQUA's environmentally friendly UV technology to disinfect their water supplies. Top candidates for UV disinfection systems include:

- Rural homes and cottages
- Nursing homes
- Hospitals
- Schools
- Hotels
- Restaurants
- Resorts and holiday camps
- Community water systems

TROJAN**UV**MAX™

PRO SERIES

Professional grade equipment that redefines reliability with rock-solid performance under all environmental conditions.

The new 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 - it's 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!

Smarter. Stronger.
Count on it.

Systems tested and certified by NSF International against NSF/ANSI Standard 55 for disinfection performance, Class A.

Minimum dose of 40 mJ/cm²

Integrated Flow Restrictor

Assembly is simplified by the use of an integral flow restrictor.

Cooler Water

The CoolTouch significantly reduces water temperature and does not waste any water.

Combo Ports

Flexibility to connect to either 1¼" NPT or 1" FNPT.

Solenoid Safety

The plug-and-play solenoid stops water flow in the event that water treatment is compromised.

Easy Quarter-Twist Assembly

A quarter-twist to the positive stop and you're done. No tools, no risk of overtightening.

Test of Sensor Operation

With the push of a button you can confirm the proper operation of the sensor.

Integrated Ground

Like a standard plug - no more grounding wires!

TROJAN**UV**MAX™

COMMcenter

The optional COMMcenter displays dose in
real-time and can monitor up to 9 UV systems
- that's up to 270gpm!

INFORMATION IS POWER

For the first time, you can now have a real-time display
of UV dose - and a true measure of how your system
is operating. The optional **COMMcenter** also displays
alarm history, lamp hours, and other performance
parameters - for up to nine systems!

What's more, you can have that information presented
to you wherever you need it. The **COMMcenter** can
be installed at any distance from the UV system using
standard computer cable. Or go wireless with an
optional FCC compliant wireless transmitter.

MAXtrack software gives you the ultimate in
real-time monitoring and data logging.

SET THE RECORD STRAIGHT

Data logging allows operators to demonstrate
proper system operation to regulators and
consumers. It also provides valuable troubleshooting
insights and allows for scheduled, proactive
maintenance.

The **COMMcenter** can datalog directly to a computer.
Install our free **MAXtrack** software and get real-time
monitoring and the ability to examine alarm and
dose history for any given period of time!

Alternatively, simply drop-in a standard mini-SD card,
like those used in digital cameras. The information
can be viewed and analyzed using any standard
spreadsheet program.

INTUITIVE INTERFACE

Because a picture is worth a thousand words.

SIMPLE CONNECTIONS

With plug-and-play color coded connections, it's as easy as "connect the dots."

Revolutionary Lamp

TWICE THE POWER

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. Size does matter.

TWICE THE LIFE EXPECTANCY

Our revolutionary new lamps last an unprecedented two years, reducing maintenance requirements.

General

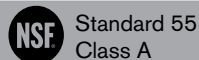|	
Colour-coded plug and play connections	Yes
UV intensity monitor with diagnostic test	Yes
CoolTouch fan	Yes
Dynamic flow restrictor	Yes
Communications ports (two, RJ45)	Yes
COMMcenter control package	Optional
Solenoid valve	Optional
Chamber material	316L SST
Rated service life of lamp	2 years
Inlet and outlet	Combo 1 1/4" NPT, 1" FNPT

Controls

Audible alarm mute button	Yes
New lamp button	Yes
Lamp age indicator	Yes
Lamp operation indicator	Yes
Ballast operation indicator	Yes
Solenoid operation indicator	Yes
Fan operation indicator	Yes
Sensor reading indicator	Yes

Operating Parameters

Maximum operating pressure	100 PSI (689 kPa)
Minimum operating pressure	10 PSI (69 kPa)
Maximum ambient air temperature	104°F (40°C)
Minimum ambient air temperature	32°F (0°C)
Maximum humidity	100%
Maximum hardness	120 ppm (7 grains per gallon)
Maximum iron	0.3 ppm
Minimum UVT	75%
Installation	Vertical

NSF/ANSI certification	**NSF** Standard 55 Class A
Other certifications	c(UL)us LISTED

	Pro10	Pro20	Pro30
Rated flow at dose of 40 mJ/cm^2	10 GPM (37.9 LPM)	20 GPM (75.7 LPM)	30 GPM (113.5 LPM)
Electrical			
Voltage	120-240V AC	120-240V AC	120-240V AC
Frequency	50-60Hz	50-60Hz	50-60Hz
Max. current	1.2 Amp	1.6 Amp	2.4 Amp
Max. power consumption	120 Watts	160 Watts	230 Watts
Lamp power consumption	100 Watts	140 Watts	200 Watts
Dimensions			
Chamber	22" x 4" 54 x 10cm	31" x 4" 78 x 10cm	41" x 4" 103 x 10cm
Power Supply	13" x 6.5" 33 x 16.5cm	13" x 6.5" 33 x 16.5cm	13" x 6.5" 33 x 16.5cm

Warranty

The TrojanUVMax™ Pro Series comes with a full five year warranty against manufacturer's defects on the power supply and all electrical components; a ten year guarantee on the water chamber; and a one year warranty on lamps and UV intensity monitors.

VIQUA™

A TROJAN TECHNOLOGIES COMPANY

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