

TROJANUVMAX™

Pro Series

Your best possible assurance!

The Pro Series from Trojan is the *first* series of UV products to be certified by NSF International, the leading authority on residential water treatment system testing, against the rigorous requirements of **NSF Standard 55 Class A**.

From procurement and manufacturing to shipping and performance, NSF Standard 55 Class A certification ensures water treated by a TrojanUVMax™ Pro Series product is safe.

With both 8.2 and 17.8 gallon-per-minute models and a full 5 year warranty against manufacturer's defects on the power supply and all electrical components (and *10 years* on the water chamber!), the Pro Series is sure to meet all your disinfection requirements.



Unsurpassed Features

Unique lamp/sleeve assembly:

Our lamp and sleeve remove from the water chamber as one piece. This ensures that the lamp sleeve is easily examined and cleaned of any mineral build-up.

Maintenance without tools:

Regular maintenance of the lamp, sleeve and sensor is intuitive and does not require tools, saving time and aggravation.

State-of-the-art UV intensity monitor:

Our UV sensor is the most stable in the industry, avoiding the danger of sensor drift.

Remote alarm and solenoid control:

The power supply can simultaneously control a solenoid valve and remote alarm, for the ultimate in confidence.

Diagnostic display:

Troubleshooting is made simple through the use of a diagnostic display on the power supply.

Lamp age display and alert:

The age of the UV lamp is displayed during normal operation, and an alert condition automatically indicates when the time has come to replace the lamp.

Product Specifications

TrojanUVMax™ Model	Pro 7	Pro 15
Rated flow rate	8.2 GPM	17.8 GPM
Minimum dose	40 mJ/cm ²	40 mJ/cm ²
No-tools maintenance	√	√
Electronic power supply	√	√
Lamp age display and alert	√	√
Digital diagnostic display	√	√
Alarm postpone button	√	√
Alarm reset	√	√
Audible/visual lamp & sensor failure alarm	√	√
Dynamic flow restrictor	√	√
UV intensity monitor	√	√
Electropolished exterior	√	√
Dry contacts	√	√
Solenoid (shut-off) valve*	Optional	Optional
Water chamber material	316 SS	316 SS
Rated service life of lamp	1 year	1 year
Inlet/outlet	1" NPT	1" NPT
Electrical	90-265 VAC 50/60 Hz 67 W	90-265 VAC 50/60 Hz 102 W
Chamber assembly	29"x3.5" 73.5cmx9cm	43.5"x3.5" 110cmx9cm
Power supply	9.75"x6"x2.5" 25x15x6cm	9.75"x6"x2.5" 25x15x6cm

* requires solenoid junction box



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



Operating Parameters

Iron	<0.3 ppm
Hardness	<120 ppm (7 GPG)
Total suspended solids	<5 ppm
UV transmittance	>75%
Maximum working pressure	125 PSI
Max influent temperature	30° C (86°F)

General Installation and Operating Requirements

- UV transmittance must be greater than 75%. Through your dealer, Trojan offers a free water testing service for hardness, iron and UV transmittance.
- A sediment prefilter cartridge with a pore size of 5 microns or less is recommended.
- Lamps must be replaced after 1 year of operation to ensure proper disinfection.
- Lamp sleeves and UV intensity window will require regular cleaning. See Owner's Manual for details.

Answering your questions...

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, with Trojan's system destroying a minimum of 99.99% of harmful microorganisms, including *E. coli*, *Cryptosporidium* and *Giardia*.

Why not use chlorine?

Chlorine changes the taste and odour of water. Chlorination may also produce harmful by-products called trihalomethanes, which are linked to the incidence of cancer.