

UVA-1C – UVA-12C

Residential Ultraviolet Sterilization Systems



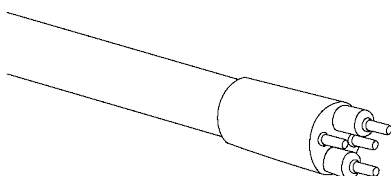
POLARIS[™]
SCIENTIFIC | UV



Polaris Scientific Ultraviolet systems provide a sleek, compact design and economical ultraviolet water treatment for low flow and medium flow applications such as: light commercial reverse osmosis systems, water vending machines, food industry, laboratory, medical facility water, pharmaceutical, cosmetic processes, final electronic component rinsing and recirculation loops to name a few.

Polaris Scientific Ultraviolet systems produce little change in water temperature even after prolonged periods of no water flow, making them ideal for many application requirements.

Polaris Scientific Ultraviolet systems efficient easy installation design connector cup allows for a fast secure connection from the ballast to the lamp. No special tools are needed for the installation and it makes maintenance fast and easy. Both Lamp and Ballast will provide all the benefits of the new Patented design.



United States Patent: D751506,
Taiwan Patent: M 503904,
China Patent: ZL 2015 2 0160464.9,
Mexico Patent: 49882

POLARIS SCIENTIFIC UV[™] Water Disinfection Systems Features

- Germicidal lamps inactivate chlorine-resistant parasites such as Cryptosporidium, Giardia, harmful bacteria like E.Coli, and viruses not visible to the naked eye.
- Specially designed, patented lamps provide consistent and reliable ultraviolet output over the entire life of the lamp (9000 hours) to ensure continuous purification.
- Durable stainless steel chamber to prolong life and eliminate ultraviolet light degradation.
- Audible Ballast with LED lamp out indicator.
- Simple to maintain and service allowing for easy lamp replacement.
- UV system controller features a sealed case to prevent damage from accidental water intrusion and is CSA and CE compliant.



Polaris Scientific UV and the Polaris Scientific UV logo design are registered Trademarks in the United States and certain other countries.

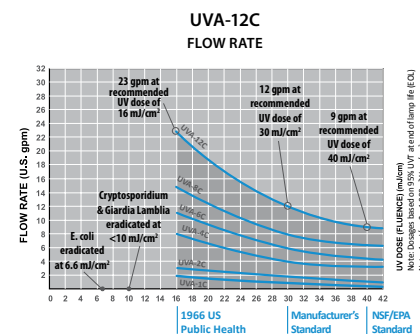
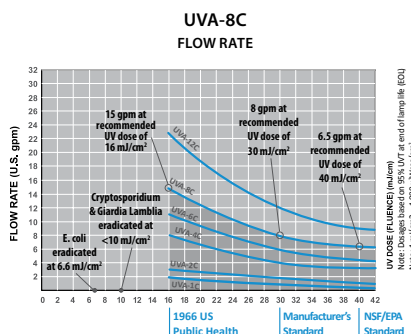
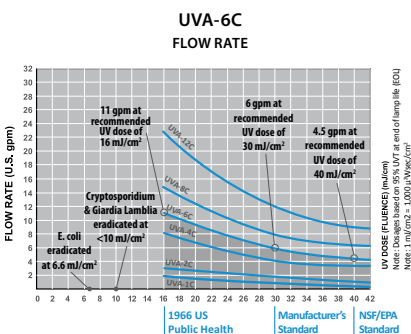
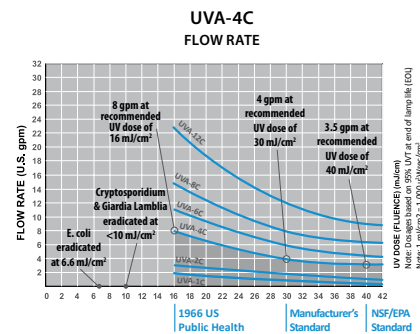
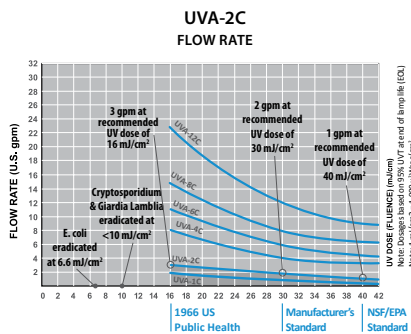
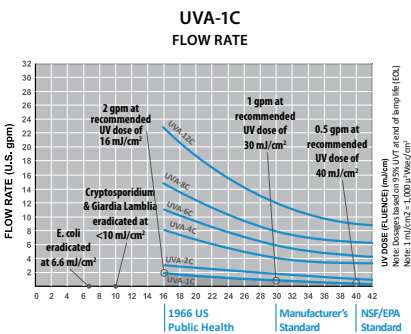
The Polaris Scientific UV Germicidal UV Lamp Pin Design is patented under United States Patent Number: D751506, Taiwan Patent Number: M 503904, China Patent Number: ZL 2015 2 0160464.9, Mexico Patent Number: 49882, and is protected by U.S. Patent and International Trademark laws.

ULTRAVIOLET STERILIZATION SYSTEM SPECIFICATIONS

Part Number	GPM (LPM)	Rated Life (hrs)	Lamp Watts	Voltage at 50/60HZ	Visual Warning	Audible Warning	# of Lamps	Port Size I/O	Water Chamber	Timer	Length	Width	Max. Pressure	Working Temp.	Wavelength	Microjoules
UVA-1C	1 (3.8)	9,000	10W	110V/220V	LED	✓	1	1/4" MNPT (.635 cm)	304 SS	-	10.47" (26.594 cm)	2" (5.080 cm)	125 PSI 8.79 kgf/cm ²	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm ²
UVA-2C	2 (7.57)	9,000	14W	110V/220V	LED	✓	1	1/4" MNPT (.635 cm)	304 SS	-	13.74" (34.900 cm)	2.5" (6.350 cm)	125 PSI 8.79 kgf/cm ²	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm ²
UVA-4C	4 (15.14)	9,000	17W	110V/220V	LED	✓	1	1/2" MNPT (1.270 cm)	304 SS	-	15.50" (39.37 cm)	2.5" (6.350 cm)	125 PSI 8.79 kgf/cm ²	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm ²
UVA-6C	6 (22.71)	9,000	24W	110V/220V	LED	✓	1	1/2" MNPT (1.270 cm)	304 SS	-	23.23" (59.00 cm)	2.5" (6.35 cm)	125 PSI 8.79 kgf/cm ²	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm ²
UVA-8C	8 (30.28)	9,000	32W	110V/220V	LED	✓	1	3/4" MNPT (1.905 cm)	304 SS	-	27.87" (70.79 cm)	2.5" (6.35 cm)	125 PSI 8.79 kgf/cm ²	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm ²
UVA-12C	12 (45.42)	9,000	39W	110V/220V	LED	✓	1	3/4" MNPT (1.905 cm)	304 SS	-	36.81" (93.50 cm)	2.5" (6.35 cm)	125 PSI 8.79 kgf/cm ²	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm ²

ULTRAVIOLET STERILIZATION SYSTEM ACCESSORIES

Part Number	Lamp	Quartz Sleeve	Electronic Ballast	Additional Accessories Specific to Your UV System						
UVA-1C	GL10PP	QS10	BEB-1024	UV-NUT-1	-	-	-	UV-SEAL	UV-WASHER	-
UVA-2C	GL14PP	QS14	BEB-1024	UV-NUT-1	-	-	-	UV-SEAL	UV-WASHER	-
UVA-4C	GL17PP	QS17	BEB-1024	UV-NUT-1	-	-	-	UV-SEAL	UV-WASHER	-
UVA-6C	GL24PP	QS24	BEB-2439	UV-NUT-1/ UV-NUT-2	-	-	-	UV-SEAL	UV-WASHER	UV-PLUG
UVA-8C	GL32PP	QS32	BEB-2439	UV-NUT-1/ UV-NUT-2	UV-32 SPRING	-	-	UV-SEAL	UV-WASHER	UV-PLUG
UVA-12C	GL39PP	QS39	BEB-2439	UV-NUT-1/ UV-NUT-2	UV-39 SPRING	-	-	UV-SEAL	UV-WASHER	UV-PLUG



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LIT-UVA-1C - UVA-12C-DS 11/14/2019



Warranty Information

- Limited 5-year warranty on stainless steel housing
- Limited 1-year warranty on electronics