

# UVA-24B – UVA-200B

Commercial Ultraviolet Sterilization Systems



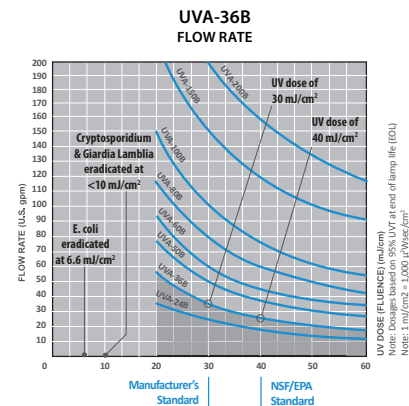
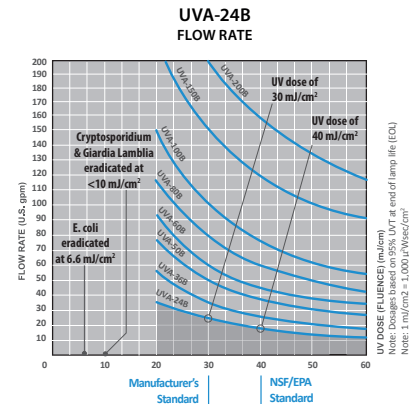
## POLARIS SCIENTIFIC UV™ Water Disinfection Systems Features

- 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.
- Counter display visually displays days of use and will alarm if lamp failure occurs. 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.

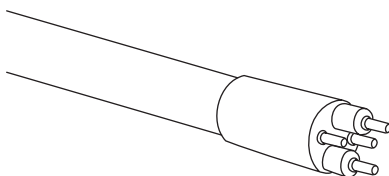
Polaris Scientific Ultraviolet systems provide a sleek, compact design and economical ultraviolet water treatment for low flow and medium flow applications such as: light commercial reverse osmosis systems, water vending machines, food industry, laboratory, medical facility water, pharmaceutical, cosmetic 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.



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.

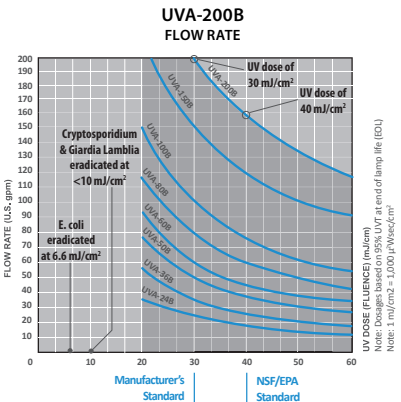
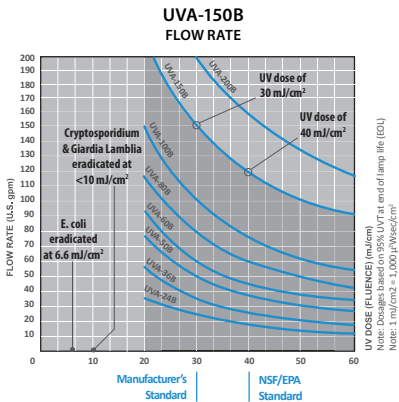
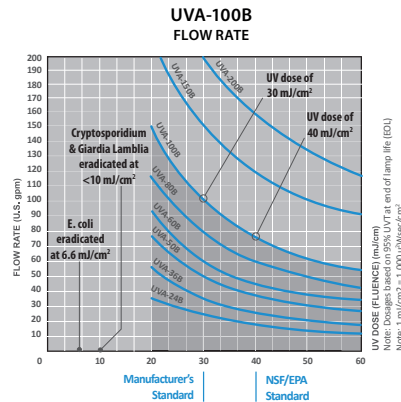
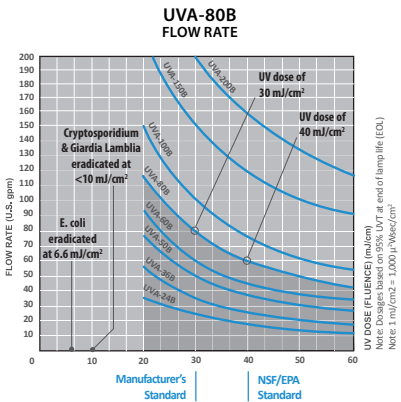
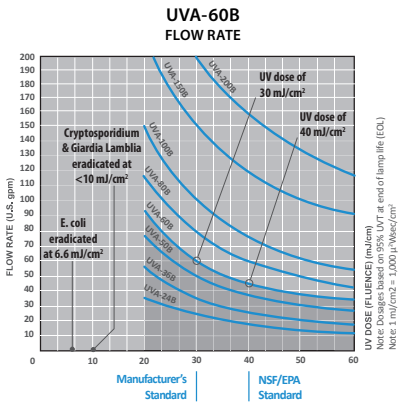
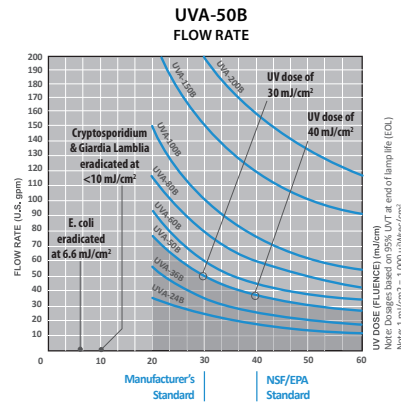
**UVA BASE MOUNT SERIES**  
 Commercial Ultraviolet Sterilization Systems  
 DATA SHEET

**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.	Wave-length	Microjoules
UVA-24B	24 (90.85)	9,000	39W	110V/220V	LED	INDICATOR W/ ALARM	2	1" MNPT (2.540 cm)	STAINLESS 304	✓	3693" (93.80 cm)	3.5" (8.89 cm)	125 PSI (8.79 kgf/cm <sup>2</sup> )	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm <sup>2</sup>
UVA-36B	36 (136.27)	9,000	39W	110V/220V	LED	INDICATOR W/ ALARM	3	1.5" MNPT (3.810 cm)	STAINLESS 304	✓	3693" (93.80 cm)	5.5" (13.97 cm)	125 PSI (8.79 kgf/cm <sup>2</sup> )	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm <sup>2</sup>
UVA-50B	50 (189.27)	9,000	39W	110V/220V	LED	INDICATOR W/ ALARM	4	1.5" MNPT (3.810 cm)	STAINLESS 304	✓	3693" (93.80 cm)	5.5" (13.97 cm)	125 PSI (8.79 kgf/cm <sup>2</sup> )	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm <sup>2</sup>
UVA-60B	60 (227.12)	9,000	39W	110V/220V	LED	INDICATOR W/ ALARM	5	2" or 2.5" (5.080 or 6.350 cm) FLANGE	STAINLESS 304	✓	3693" (93.80 cm)	5.5" (13.97 cm)	125 PSI (8.79 kgf/cm <sup>2</sup> )	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm <sup>2</sup>
UVA-80B	80 (302.83)	9,000	39W	110V/220V	LED	INDICATOR W/ ALARM	6	2" or 2.5" MNPT (5.080 or 6.350 cm) FLANGE	STAINLESS 304	✓	3693" (93.80 cm)	6.26" (15.90 cm)	125 PSI (8.79 kgf/cm <sup>2</sup> )	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm <sup>2</sup>
UVA-100B	100 (378.54)	9,000	39W	110V/220V	LED	INDICATOR W/ ALARM	8	2" or 2.5" MNPT (5.080 or 6.350 cm) FLANGE	STAINLESS 304	✓	3693" (93.80 cm)	8.62" (21.90 cm)	125 PSI (8.79 kgf/cm <sup>2</sup> )	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm <sup>2</sup>
UVA-150B	150 (567.81)	9,000	87W	110V/220V	LED	INDICATOR W/ ALARM	6	3" MNPT (7.62 cm) FLANGE	STAINLESS 304	✓	3693" (93.80 cm)	8.62" (21.90 cm)	125 PSI (8.79 kgf/cm <sup>2</sup> )	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm <sup>2</sup>
UVA-200B	200 (757.08)	9,000	87W	110V/220V	LED	INDICATOR W/ ALARM	8	4" MNPT (10.16 cm) FLANGE	STAINLESS 304	✓	3693" (93.80 cm)	8.62" (21.90 cm)	125 PSI (8.79 kgf/cm <sup>2</sup> )	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm <sup>2</sup>

**ULTRAVIOLET STERILIZATION SYSTEM ACCESSORIES**

Part Number	Lamp	Quartz Sleeve	Electronic Ballast	Additional Accessories Specific to Your UV System					
UVA-24B	GL39PP	QS39	ZEB-2439	UV-NUT-1/ UV-NUT-2	UV-39 SPRING	UV-TIMER	UV-SEAL	UV-WASHER	UV-PLUG
UVA-36B	GL39PP	QS39	ZEB-2439	UV-NUT-1/ UV-NUT-2	UV-39 SPRING	UV-TIMER	UV-SEAL	UV-WASHER	UV-PLUG
UVA-50B	GL39PP	QS39	ZEB-2439	UV-NUT-1/ UV-NUT-2	UV-39 SPRING	UV-TIMER	UV-SEAL	UV-WASHER	UV-PLUG
UVA-60B	GL39PP	QS39	ZEB-2439	UV-NUT-1/ UV-NUT-2	UV-39 SPRING	UV-TIMER	UV-SEAL	UV-WASHER	UV-PLUG
UVA-80B	GL39PP	QS39	ZEB-2439	UV-NUT-1/ UV-NUT-2	UV-39 SPRING	UV-TIMER	UV-SEAL	UV-WASHER	UV-PLUG
UVA-100B	GL39PP	QS39	ZEB-2439	UV-NUT-1/ UV-NUT-2	UV-39 SPRING	UV-TIMER	UV-SEAL	UV-WASHER	UV-PLUG
UVA-150B	GL87PP	QS39	ZEB-55155	UV-NUT-1/ UV-NUT-2	UV-39 SPRING	UV-TIMER	UV-SEAL	UV-WASHER	UV-PLUG
UVA-200B	GL87PP	QS39	ZEB-55155	UV-NUT-1/ UV-NUT-2	UV-39 SPRING	UV-TIMER	UV-SEAL	UV-WASHER	UV-PLUG



**POLARIS SCIENTIFIC UV**  
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 LIT-UVA-24B - UVA-200B-DS 09/21/2018



**Warranty Information**

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