



UV-NUT-1
Aluminum Long Nut
for Wire Connection
for Models UVA-1C – UVA-200B



UV-NUT-2
Aluminum Short Nut
with End Plug
for Models UVA-6C – UVA-200B



UV-PLUG
Plastic Plug for Nuts
for Models
UVA-6C – UVA-200B



UV-SEAL
Seal for Sleeve and Nut
for Models
UVA-1C – UVA-200B



UV-WASHER
Washer for Sleeve and Nut
for Models
UVA-1C – UVA-200B



CLP-35UV
Aluminum chamber
clip kit 3.5"
for Models UVA-418/630/946HO



BEB-1024
Ballast for
10W-17W 110V/220V
for Models UVA-1C – UVA-4C



BEB-2439
Ballast for
24W-39W 110V/220V
for Models UVA-6C – UVA-12C



ZEB-2439
Ballast no cup expose wires
for 24W-39W 110V/220V
for Models UVA-24B – UVA-100B



ZEB-55155
Ballast for
87W 110V/220V
for Models UVA-150B – UVA-200B



HOB-4890
Ballast for
48W-90W 110V/220V
for Models UVA-418/630/946HO



UV-32SPRING
Stainless Steel Spring
for Model
UVA-8C



UV-39SPRING
Stainless Steel Spring
for Models
UVA-12C – UVA-200B



UV-TIMER
Counter/Timer
for Models UVA-24B – UVA-200B



QS10
Quartz Sleeve, 245mm
for 10W UV Lamp
for Model UVA-1C

QS14
Quartz Sleeve, 331mm
for 14W UV Lamp
for Model UVA-2C

QS24
Quartz Sleeve, 535mm
for 24W UV Lamp
for Model UVA-6C

QS32
Quartz Sleeve, 665mm
for 32W UV Lamp
for Model UVA-8C

QS39
Quartz Sleeve, 890mm
for 39W UV Lamp
for Models UVA-12C – UVA-200B

QS48HO
Quartz Sleeve, 535mm
for 48W UV Lamp
for Model UVA-418HO

QS58HO
Quartz Sleeve, 665mm
for 58W UV Lamp
for Model UVA-630HO

QS90HO
Quartz Sleeve, 890mm
for 90W UV Lamp
for Model UVA-946HO



GL10PP
10W, 212mm, Germicidal Lamp
Single End Patented 4 Pin, 254nm
for Models UVA-1C

GL32PP
32W, 645mm, Germicidal Lamp
Single End Patented 4 Pin, 254nm
for Model UVA-8C

GLHO48PP
48W, 436mm, Germicidal Lamp
Single End Patented 4 Pin, 254nm
for Model UVA-418HO

GL14PP
14W, 287mm, Germicidal Lamp
Single End Patented 4 Pin, 254nm
for Model UVA-2C

GL39PP
39W, 843mm, Germicidal Lamp
Single End Patented 4 Pin, 254nm
for Models UVA-12C – UVA-100B

GLHO58PP
58W, 645mm, Germicidal Lamp
Single End Patented 4 Pin, 254nm
for Model UVA-630HO

GL24PP
24W, 436mm, Germicidal Lamp
Single End Patented 4 Pin, 254nm
for Model UVA-6C

GL87PP
87W, 843mm, Germicidal Lamp
Single End Patented 4 Pin, 254nm
for Models UVA-150B – UVA-200B

GLHO90PP
90W, 846mm, Germicidal Lamp
Single End Patented 4 Pin, 254nm
for Model UVA-946HO

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

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The Polaris Scientific UV Germicidal 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	BUZZER	1	1/4" MNPT (6.35 cm)	STAINLESS 304	-	1047" (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	BUZZER	1	1/4" MNPT (6.35 cm)	STAINLESS 304	-	1374" (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	BUZZER	1	1/2" MNPT (1.270 cm)	STAINLESS 304	-	1550" (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	INDICATOR W/ ALARM	1	1/2" MNPT (1.270 cm)	STAINLESS 304	-	2323" (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	INDICATOR W/ ALARM	1	3/4" MNPT (1.905 cm)	STAINLESS 304	-	2787" (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	INDICATOR W/ ALARM	1	3/4" MNPT (1.905 cm)	STAINLESS 304	-	3681" (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
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 ²)	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm ²
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 ²)	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm ²
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 ²)	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm ²
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 ²)	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm ²
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 ²)	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm ²
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 ²)	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm ²
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 ²)	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm ²
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 ²)	35°F - 104°F (1.67°C - 40°C)	254 nm	30 mJ/cm ²

HIGH OUTPUT ULTRAVIOLET STERILIZATION SYSTEM SPECIFICATIONS

Part Number	GPM (LPM)	Rated Life (Days)	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-418HO	18 (70)	365	48W	110V/220V	LED	INDICATOR W/ ALARM	1	3/4" FNPT 1" MNPT	STAINLESS 304	✓	23.23"	3.5"	125 PSI	36°F - 104°F (2°C - 48°C)	254 nm	30 mJ/cm ²
UVA-630HO	30 (113)	365	58W	110V/220V	LED	INDICATOR W/ ALARM	1	3/4" FNPT 1" MNPT	STAINLESS 304	✓	27.87"	3.5"	125 PSI	36°F - 104°F (2°C - 48°C)	254 nm	30 mJ/cm ²
UVA-946HO	46 (175)	365	90W	110V/220V	LED	INDICATOR W/ ALARM	1	1.5" MNPT	STAINLESS 304	✓	36.81"	3.5"	125 PSI	36°F - 104°F (2°C - 48°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
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

HIGH OUTPUT ULTRAVIOLET STERILIZATION SYSTEM ACCESSORIES

Part Number	Lamp	Quartz Sleeve	Electronic Ballast	Additional Accessories Specific to Your UV System					
UVA-418HO	GLHO48PP	QS48HO	HOB-4890	UV-NUT-1/UV-NUT-2	UV-32 SPRING	UV-SEAL	UV-WASHER	UV-PLUG	CLP-35UV
UVA-630HO	GLHO58PP	QS58HO	HOB-4890	UV-NUT-1/UV-NUT-2	UV-32 SPRING	UV-SEAL	UV-WASHER	UV-PLUG	CLP-35UV
UVA-946HO	GLHO90PP	QS90HO	HOB-4890	UV-NUT-1/UV-NUT-2	UV-39 SPRING	UV-SEAL	UV-WASHER	UV-PLUG	CLP-35UV

Product Ratings



Warranty Information

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



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