

PRODUCT OVERVIEW Single Lamp Units

model	UVD240	UVD320E	UVD320	UVD400E	UVD400	UVD600	UVD800	UVD1000
Flow Rate								
16mj/cm ² (NSF) Note 1	15gpm (57L) (3.4m ³ /hr)	20gpm (76L) (4.5m ³ /hr)	20gpm (76L) (4.5m ³ /hr)	25gpm (94L) (5.6 m ³ /hr)	25gpm (94L) (5.6 m ³ /hr)	37gpm (140L) (8.4m ³ /hr)	50gpm (189L) (11.3m ³ /hr)	62gpm (236L) (14.2m ³ /hr)
30mj/cm ² (Industry Standard) Note 2	8gpm (30L) (1.8m ³ /hr)	10gpm (37L) (2.2m ³ /hr)	10gpm (37L) (2.2m ³ /hr)	13gpm (45L) (2.9m ³ /hr)	13gpm (45L) (2.9m ³ /hr)	20gpm (75L) (4.5m ³ /hr)	26gpm (98L) (5.9m ³ /hr)	33gpm (124L) (7.5m ³ /hr)
40mj/cm ² (NSF/EPA)	6gpm (23L) (1.38m ³ /hr)	8gpm (30L) (1.8m ³ /hr)	8gpm (30L) (1.8m ³ /hr)	10gpm (37L) (2.2m ³ /hr)	10gpm (37L) (2.2m ³ /hr)	15gpm (57L) (3.4m ³ /hr)	20gpm (75L) (4.5m ³ /hr)	25gpm (94L) (5.7m ³ /hr)
Length	18" (48cm)	18" (48cm)	18" (48cm)	22" (59cm)	22" (59cm)	37" (94cm)	37" (94cm)	37" (94cm)
Width	3.5" (8.9cm)	3.5" (8.9cm)	4" (10cm)	4" (10cm)	4" (10cm)	4" (10cm)	4" (10cm)	8" (20cm)
Height	5" (12.7cm)	5" (12.7cm)	6" (15cm)	6" (15cm)	6" (15cm)	6" (15cm)	6.5" (16.5cm)	8" (20cm)
Cell Diameter	3.5" (8.9cm)	3.5" (8.9cm)	3.5" (8.9cm)	3.5" (8.9cm)	3.5" (8.9cm)	3.5" (8.9cm)	3.5" (8.9cm)	4.0" (10.2cm)
Shipping Weight	7lbs (3kg)	7lbs (3kg)	8lbs (3.7kg)	12lbs (5.5kg)	12lbs (5.5kg)	15lbs (7kg)	20lbs (9kg)	25lbs (11.3kg)
AC Supply Voltage	120V 47-63Hz Note 3	120V 47-63Hz Note 4	120V 47-63Hz Note 4	120V 47-63Hz Note 4	120V 47-63Hz Note 4	120V 47-63Hz Note 4	120V 47-63Hz Note 4	120V 47-63Hz Note 4
Power (watts)	33 watts	40 watts	40 watts	44 watts	44 watts	67 watts	67 watts	67 watts
Lamp Watts	30 watts	35 watts	35 watts	40 watts	40 watts	62 watts	62 watts	62 watts
Max. Pressure	100psi (6.9bar)	100psi (6.9bar)	100psi (6.9bar)	100psi (6.9bar)	100psi (6.9bar)	100psi (6.9bar)	100psi (6.9bar)	100psi (6.9bar)
Water Temperature	40° – 99° F (4° – 37° C)	40° – 99° F (4° – 37° C)	40° – 99° F (4° – 37° C)	40° – 99° F (4° – 37° C)	40° – 99° F (4° – 37° C)	40° – 99° F (4° – 37° C)	40° – 99° F (4° – 37° C)	40° – 99° F (4° – 37° C)
Maximum Ambient Temp.	104° F (40° C)	104° F (40° C)	104° F (40° C)	104° F (40° C)	104° F (40° C)	104° F (40° C)	104° F (40° C)	104° F (40° C)
Quartz Sleeve	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Port Size	¾" MNPT	¾" MNPT	¾" MNPT	¾" MNPT	¾" MNPT	1" MNPT	1" MNPT	1" MNPT
Visual LAMP ON Indicator	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Audio Lamp Failure Alarm	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Isolated Solenoid Output	No	No	Yes	No	Yes	Yes	Yes	Yes
UV Monitor	Not Available	Not Available	Option	Not Available	Option	Option	Option	Option
Lamp Change Reminder Timer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Chamber Material	304 S.S.	304 S.S.	304 S.S.	304 S.S.	304 S.S.	304 S.S.	304 S.S.	304 S.S.



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Note 1 - 16mj/cm² Dose is suitable for reducing nonpathogenic nuisance organisms only. Disinfection chamber hydraulic performance may limit maximum flow rate.

Note2 - 30mj/cm² Industry standard Dose – This is the dosage produced by 2.5" diameter disinfection chambers when designed using the 1966 US Department of Health UV disinfection Policy Statement.

Note 3 - Not Available in 240Volt version

Note 4 - 240Volt power sources available.

