

PRODUCT OVERVIEW Single Lamp Units

model	6.40 / 8.30	8.40E /10.30E	8.40 / 10.30	10.40 / 13.30	15.40 / 20.30	20.40 / 26.30	24.40 / 32.30
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)	37gpm (140L) (8.4m ³ /hr)	50gpm (189L) (11.3m ³ /hr)	60gpm (226L) (13.5m 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)	20gpm (75L) (4.5m ³ /hr)	26gpm (98L) (5.9m ³ /hr)	32gpm (120L) (7.2m ³ /hr)
40mj/cm ² (NSF/IEPA)	6gpm (23L) (1.38m ³ /hr)	8gpm (30L) (1.8m ³ /hr)	8gpm (30L) (1.8m ³ /hr)	10gpm (37L) (2.2m ³ /hr)	15gpm (57L) (3.4m ³ /hr)	20gpm (75L) (4.5m ³ /hr)	24gpm (90L) (5.4m ³ /hr)
Length	18" (48cm)	18" (48cm)	18" (48cm)	22" (59cm)	37" (94cm)	37" (94cm)	37" (94cm)
Width	3.5" (8.9cm)	4" (10cm)	4" (10cm)	4" (10cm)	4" (10cm)	4" (10cm)	10" (25.4cm)
Height	5" (12.7cm)	6" (15cm)	6" (15cm)	6.5" (16.5cm)	6" (15cm)	6.5" (16.5cm)	8.5" (21.6cm)
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)	4.5" (11.4cm)
Shipping Weight	12lbs (5.5kg)	12lbs (5.5kg)	12lbs (5.5kg)	16lbs (7.3kg)	26lbs (12kg)	26lbs (12kg)	37lbs (17kg)
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
Power (watts)	33 watts	40 watts	40 watts	44 watts	67 watts	67 watts	96 watts
Lamp Watts	30 watts	35 watts	35 watts	40 watts	62 watts	62 watts	88 watts
Max. Pressure	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)
Maximum Ambient Temp.	122° F (50 °C)	122° F (50 °C)	122° F (50 °C)	122° F (50 °C)	122° F (50 °C)	122° F (50 °C)	122° F (50 °C)
Quartz Sleeve	Yes	Yes	Yes		Yes		Yes
Port Size	¾" MNPT	¾" MNPT	¾" MNPT	¾" MNPT	¾" MNPT	1" MNPT	1" MNPT
Visual LAMP ON Indicator	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Audio Lamp Failure Alarm	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Isolated solenoid Output	No	Yes	Yes	Yes	Yes	Yes	Yes
UV Monitor	Not Available	Option	Option	Option	Option	Option	Option
Lamp Change Reminder Timer	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.	316 S.S.



WWW.UVDYNAMICS.COM

UVDynamics Inc.
315 Neptune Crescent
London, Ontario
Canada, N6M 1A9
t 800.667.4629 f 519.452.1701
email sales@uvdynamics.com

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.