

Salt Water UV Sizing Chart

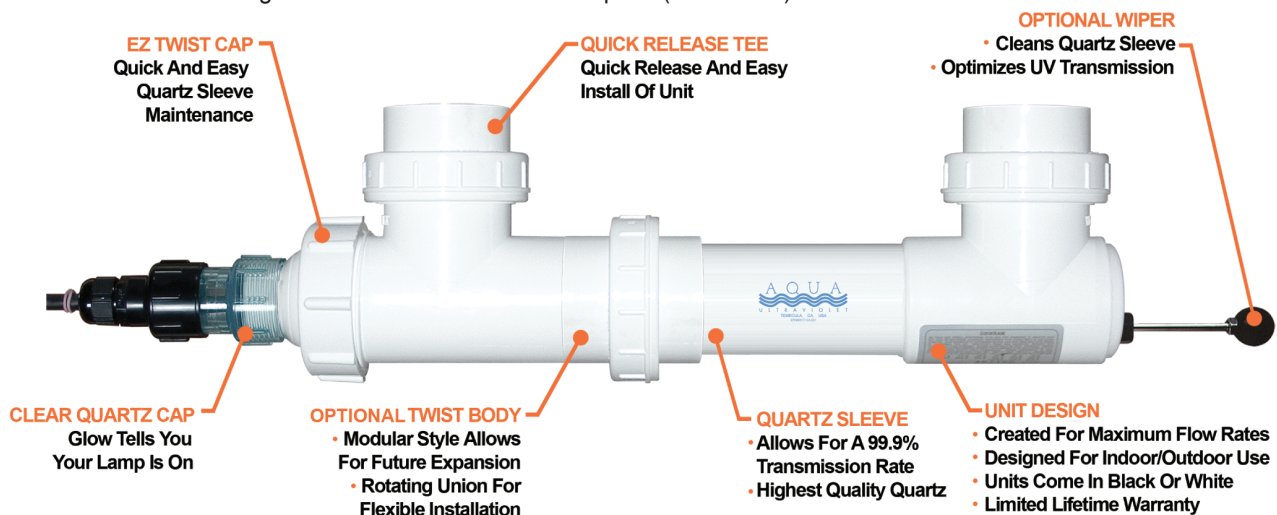
Classic UV Units	**Salt Water Tank Gallons	30,000 $\mu\text{w}/\text{cm}^2$ (EOL) GPH	45,000 $\mu\text{w}/\text{cm}^2$ (EOL) GPH	60,000 $\mu\text{w}/\text{cm}^2$ (EOL) GPH	75,000 $\mu\text{w}/\text{cm}^2$ (EOL) GPH	90,000 $\mu\text{w}/\text{cm}^2$ (EOL) GPH
Classic 8 Watt	70	642	428	321	256	214
Classic 15 Watt	75	700	466	350	280	233
Classic 25 Watt	150	1,200	800	600	480	400
Classic 40 Watt	325	2,900	1,930	1,450	1,160	967
Classic 57 Watt	355	3,200	2,133	1,600	1,280	1,066
Classic 80 Watt	600	3,678	2,452	1,839	1,471	1,226
Classic 114 Watt	700	3,900	2,600	1,950	1,560	1,300
Classic 120 Watt	900	4,080	2,720	2,040	1,632	1,360
Classic 160 Watt	1200	5,400	3,600	2,700	2,160	1,800
Classic 200 Watt	1500	6,600	4,400	3,300	2,640	2,200
Classic 240 Watt	1800	7,200	4,800	3,600	2,880	2,400
Advantage Series Units						
Advantage 2000 8 Watt	70	642	428	321	256	214
Advantage 2000+ 15 Watt	75	700	466	350	280	233
SL Series Units						
SL 100 Watt	900	6,600	4,400	3,300	2,640	2,200
SL 200 Watt	1800	9,200	6,134	4,600	3,680	3,066
Twist Units						
Twist 25 Watt	150	1,200	800	600	480	400
Twist 40 Watt	325	2,900	1,930	1,450	1,160	967
Twist 57 Watt	355	3,200	2,133	1,600	1,280	1,066
Viper Series Units Minimum flow rate 95 gpm - 57,000 gph						
Viper SL 400 Watt	3,600	14,400	9,600	7,200	5,760	4,800
Viper SL 800 Watt	7,200	28,800	19,200	14,400	11,520	9,600
Viper SL 1200 Watt	10,800	43,200	28,800	21,600	17,280	14,400

Reef Tanks -A UV rated in the 30.000-45,000 columns is ideal for the reef environment .UV's rated at higher kill rates will destroy the planktonic food supply for the reef.

Marine Fish Tank's (No Reef or live rock). A UV rated in the 75,000 to 90,000 columns will be the most effective at controlling fish disease.

GPH numbers are based on an assumption of water flow turning over tank's volume 3 to 5 times per hour.

All UV dosages are calculated at end of lamp life (14 months)



Fresh Water UV Sizing Chart

Classic UV Units	Size Fresh Water Sterilizer* in Gallons	30,000 $\mu\text{w}/\text{cm}^2$ (EOL) GPH	Fresh Water Pond Clarifier***	
			Gallons	Max Flow GPH
Classic 8 Watt	5 - 200	642	1,500	1,000
Classic 15 Watt	200 - 500	700	2,000	1,800
Classic 25 Watt	500 - 1,200	1,200	4,000	2,000
Classic 40 Watt	1,200 - 2,000	2,900	6,000	3,000
Classic 57 Watt	1,500 - 3,000	3,200	6,500	3,250
Classic 80 Watt	2,200 - 4,400	3,678	9,000	4,500
Classic 114 Watt	2,200 - 4,400	3,900	9,500	4,500
Classic 120 Watt	4,400 - 6,000	4,080	12,000	6,500
Classic 160 Watt	6,000 - 8,500	5,400	16,000	9,000
Classic 200 Watt	8,500 - 13,000	6,600	20,000	10,000
Classic 240 Watt	13,000 - 17,000	7,200	25,000	12,000
Advantage Series Units				
Advantage 2000 8 Watt	5 - 200	642	1,500	1,000
Advantage 2000+ 15 Watt	200 - 500	700	2,000	1,800
SL Series Units				
SL 100 Watt	8,500 - 13,000	6,600	20,000	10,000
SL 200 Watt	17,000 - 22,000	9,200	30,000	15,000
Statuary UV Sterilizers				
Aqua Frog/Fish 8 Watt	5 - 200	642	1,500	1,000
Aqua Frog/Fish 15 Watt	200 - 500	700	2,000	1,100
Aqua Frog/Fish 25 Watt	500 - 1,200	1,200	3,200	1,600
Twist Unit				
Twist 25 Watt	500 - 1,200	1,200	4,000	2,000
Twist 40 Watt	1,200 - 2,000	2,900	6,000	3,000
Twist 57 Watt	1,500 - 3,000	3,200	6,500	3,250
Viper Series Units				
Viper SL 400 Watt	14,400 - 30,000	14,400	50,000	95 GPM
Viper SL 800 Watt	28,800 - 60,000	28,800	100,000	95 GPM
Viper SL 1200 Watt	43,200 - 90,000	43,200	150,000	95 GPM

Use the clarifier column when the pond is partially in shade and has 50% plant coverage. This will improve water clarity resulting in a natural looking pond.

Use the sterilizer column for crystal clear water and bacterial control, in pond and aquarium environments.

GPH numbers are based on turning the water over a minimum of 1 time per 1 hour to 1-1/2 hours for optimal results.

UV dosage is calculated at the end of lamp life (14 months).

