

Compare Pond UV Clarifiers

Drs. Foster & Smith Educational Staff

Together with good filtration, UV clarifiers are a great way to maintain clear, clean water. UV clarifiers emit germicidal ultraviolet light similar to sunlight (UVC, the UV portion of light absorbed by the ozone layer) to help clarify green water associated with free-floating algae.

Pond water containing free-floating algae is pumped into the clarifier and across a UV lamp. As the water is exposed to the ultraviolet light, algae flocculate. The clumped algal material is collected in the mechanical filter media and removed from the water column. The cleansing effect of UV clarifiers lets you see your fish, water, and the rocks below.

Keep in mind that no matter how effective, a UV clarifier still relies on regular pond maintenance and good husbandry to keep green water at bay. Address the conditions that encourage green water, such as excess nutrients and light, to get the most effective use out of your UV clarifier.

[Lifeguard UV Sterilizer](#)

[Turbo Twist Pond UV Clarifiers](#)

[Cal Pump UV Clarifiers](#)

[Submersible UV Clarifiers](#)

[Laguna UV Clarifiers](#)

[TetraPond GreenFree® UV Clarifiers](#)

[Aqua Ultraviolet Advantage Series Sterilizer](#)

[Aqua Ultraviolet Classic Series UV with Wiper](#)

[Emperor Aquatics SMART UV HO Sterilizers](#)

[Emperor Aquatics SMART UV Lite Sterilizers](#)

[Emperor Aquatics SMART UV Sterilizers](#)

[TotalPond® Pond Boss™ Floating UV Filter with Pump](#)

Model	Watts	Max Gallons*	Max Flow*	Fittings
Lifeguard Ultraviolet Sterilizer Modules				
25 Watt	25	4,000	2,000 gph	1-1/4", 1"
40 Watt	40	6,000	3,000 gph	1-1/4", 1"
Pondlife Turbo Twist Pond UV Clarifiers				
3X	9	2,000	500 gph	5/8"
6X	18	4,400	1,000 gph	1"
12X	36	8,800	1,900 gph	1"
Cal Pump UV Clarifiers				
9W	9	1,000	500 gph	1/2" - 1-1/4"
18W	18	2,000	1,000 gph	3/4" - 1-1/2"
36W [Back to top]	36	4,000	2,000 gph	3/4" - 1-1/2"
Pondmaster Submersible UV Clarifiers				
10W	10	1,500	700 gph	3/4"
20W	20	3,000	1,800 gph	1"
40W	40	6,000	2,400 gph	1-1/2"

Laguna UV Clarifiers

1000	14	1,000	500 gph	3/4", 1", 1-1/4"
2000	28	2,000	1,000 gph	3/4", 1", 1-1/4"
5000 [Back to top]	55	5,000	1,300 gph	3/4", 1", 1-1/4"

TetraPond GreenFree® UV Clarifiers

UVC-5	5	660	330 gph	3/4", 1", 1-1/4"
UVC-9	9	1,800	900 gph	3/4", 1", 1-1/4"
UVC-18	18	4,400	2,200 gph	3/4", 1", 1-1/4"
UVC-36	36	8,800	4,400 gph	3/4", 1", 1-1/4"

Aqua Ultraviolet Advantage Series Sterilizer

2000 UV	8	1,500	1,000 gph	3/4" Barbed
2000+ UV	15	2,000	1,800	3/4" Barbed
2000 UV with Hanger with Hanger	8	1,500	1,000 gph	1/2" Barbed/Return Spout
2000+ with Hanger	15	2,000	1,800	3/4" Barbed

Aqua Ultraviolet Classic Series UV with Wiper

8W	8	1,500	1,000 gph	3/4" FPT
15W	15	2,000	1,800	3/4" FPT
25W with Hanger	8	4,000	2,000 gph	3/4" FPT
40W	40	6,000	3,000 gph	3/4" FPT
57W	57	6,500	3,250	3/4" FPT
80W	80	9,000	4,500 gph	2" Slip
114W	114	9,500	4,500	3/4" FPT
120W	120	12,000	6,500 gph	2" Slip

Emperor Aquatics SMART UV HO Sterilizers

50W	50	5,900	1,980 gph	2" Union
80W	80	10,800	3,600	2" Union

Emperor Aquatics SMART UV Lite Sterilizers

18W	18	1,100	356 gph	1-1/2" Union Ports
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25W	25	1,600	554	1-1/2" Union Ports
40W	40	2,900	983 gph	1-1/2" Union Ports
<u>Emperor Aquatics SMART UV Sterilizers</u>				
25W	25	2,400	788 gph	3/4" Barbed, 1-1/2" Union
40W	40	4,700	1,574	1" Barbed, 1-1/2" Union
65W	65	8,600	2,855 gph	1" Barbed, 1-1/2" Union
<u>TotalPond® Pond Boss™ Floating UV Filter with Pump</u>				
Pond Boss	4.5	750	238 gph	N/A
<i>* Maximum gallons and flow rate are based upon use as a clarifier.</i>				