

50 watt Pentair (formerly Emperor) High Output Series UV Lights (1560 GPH)



Price: \$724.99

SKU: E50S

Product Categories: [Ultraviolet Lights \(UV Lights\) for Koi Ponds](#)

Product Page:

<https://www.hanoverkoifarms.com/product/50-watt-emperor-high-output-series-pond-uv-light/>

Product Summary

50 watt Pentair (formerly Emperor) High Output series UV complete unit. Suggested flow rate to kill green water algae is 1560 GPH and the maximum flow rate of 1980 GPH. This is considering a turnover rate of once per hour complete system volume through the filtration.

Product Description

These are the same exact high quality units made formerly by Emperor Aquatics. The only difference now is the name as Pentair bought Emperor. These high-quality ultraviolet sterilizers feature a watertight sealed design and can be used safely both indoors and outdoors. The SMART UV reduces microorganisms through ultraviolet light. The units have a 3" inside diameter and 1 1/2" slip union. They are an excellent choice for everything from small Koi ponds to large recirculating systems. Units feature Low Pressure lamps with a 12,000 hour effective life. These SMART UV units feature remote-style ballasts with 16' power cords. Units are 115V/60 Hz
One-year warranty on ballasts, limited lifetime warranty on the housing and 90-day warranty on lamps.

Product Attributes

- Dimensions: 29 x 3.5 in
- Weight: .00001 lbs

Product Gallery



High Output
HO UV Sterilizer

Model No. /Watts	Maximum Pond Size	No. Lamps /Watt	Water Flow Rate Algae & Bacteria 30,000 µWs/cm ²		Water Flow Rate Protozoa 90,000 µWs/cm ²		Input Watts	Output Watts	Dim. (Inches)	Inlet /Outlet	Voltage
			Suggested/Maximum	Suggested/Maximum	Suggested/Maximum	Suggested/Maximum					
5050/50	5,900 Gal.	1/50	1,560 GPH/1,980 GPH	540 GPH/720 GPH	50	16	28" x 5.75"	2" Union	120V		
5080/80	10,800 Gal.	1/80	2,700 GPH/3,600 GPH	900 GPH/1,200 GPH	80	26	43" x 5.75"	2" Union	120V		
5120/120	13,800 Gal.	1/120	3,840 GPH/4,600 GPH	1,260 GPH/1,560 GPH	120	36	56" x 5.75"	2" Union	120V		
5150/150	19,000 Gal.	1/150	5,040 GPH/6,360 GPH	1,680 GPH/2,100 GPH	150	47	70" x 5.75"	2" Union	120V		

After Fittings are Included

HIGH-OUTPUT STERILIZERS

Watts	Inlet/Outlet Port(s)	Amps Max Load @ 120/230 VAC	Max. PSI/Bar	UV Vessel Dimensions	30 mJ/cm ² GPM/LF
50	2" Union	1.15/0.57	50/3.44	30" x 6"	25/94
80	2" Union	1.15/0.57	50/3.44	45" x 6"	45/171
120	2" Union	1.15/0.57	50/3.44	57" x 6"	64/244
150	2" Union	1.85/0.85	50/3.44	71" x 6"	100/377