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# UV MAX™

Engineered to  
Higher Standards



G, H, J, K & Pro50



## Engineered to Higher Standards



The technology and care that goes into the development of our products is of the highest standards. Our UV purification systems have been designed and tested against the most rigorous validation and testing methods in the industry.

For 35 years, we have engineered and manufactured products that have set the standard in the industry. Our attention to detail and sound science ensures the best solutions to meet your drinking water disinfection needs long into the future.

### **GO WITH MORE FLOW.**

Even with the high flow capabilities, their footprint is half the size of their predecessors, making installation quicker and easier.

### **BENEFIT FROM PRO SERIES PRODUCT ADVANCES.**

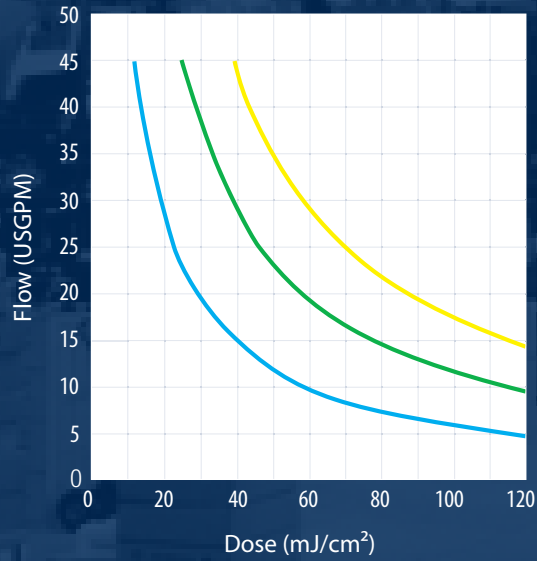
Being built from our state-of-the-art Pro Series platform allows the UVMAX G, H, J, K & Pro50 to share in many of the same product advances such as its incredibly intuitive interface, plug-and-play connections and a sensor confirmation button.



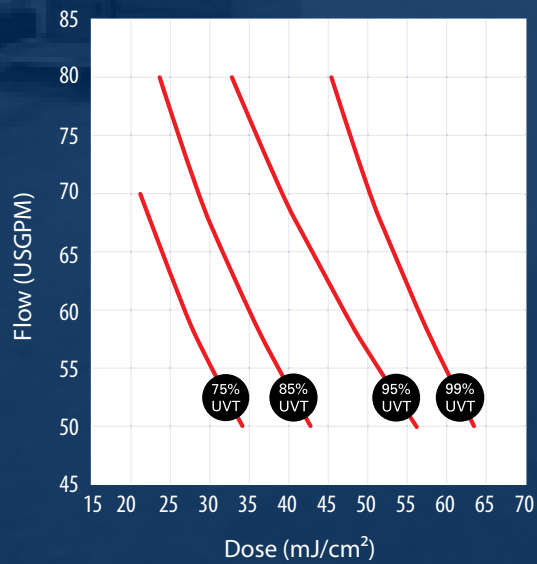
- 1 Cooler Water**  
 The CoolTouch significantly reduces water temperature and does not waste any water.
- 2 Easy Quarter-Twist Assembly**  
 A quarter-twist to the positive stop and you're done. No tools, no risk of overtightening.
- 3 Integrated Ground**  
 Like a standard plug - no more grounding wires!
- 4 Solenoid Safety**  
 The plug-and-play solenoid stops water flow in the event that water treatment is compromised.
- 5 Integrated Flow Restrictor**  
 Assembly is simplified by the use of an integral flow restrictor.
- 6 Combo Ports**  
 Flexibility to connect to either 1¼" NPT or 1" FNPT.
- 7 Test of Sensor Operation**  
 User friendly sensor ensures safe UV levels are maintained.
- 8 TwiceThe Power**  
 The UVMAX systems use a revolutionary lamp with twice the output of current high-output lamps, giving you compact single-lamp systems that are half the size of their predecessors.
- 9 Lamp Life Expectancy**  
 Our revolutionary amalgam lamps reduce maintenance requirements.
- 10 Intuitive Interface**  
 A picture is worth a thousand words.
- 11 Simple Connections**  
 With plug-and-play color coded connections, it's as easy as "connect the dots".
- 12 Information Is Power**  
 The optional COMMcenter displays dose and can monitor up to 9 UV systems - that's up to 270 gpm!



## System Performance



- UVMAX G
- UVMAX H
- UVMAX J



- UVMAX Pro50

VIQUA

We make tap water safe.



MODEL	G, G+	H, H+	J, J+	K, K+	PRO50
<b>Flow Rates</b>					
Rated flow at dose 30 mJ/cm <sup>2</sup> @ 95% UVT	23gpm (87 lpm)	45 gpm (170 lpm)	45 gpm (170 lpm)*	80 gpm (303 lpm)	--
Rated flow at dose 40 mJ/cm <sup>2</sup> @ 95% UVT	17 gpm (64 lpm)	35 gpm (132 lpm)	45 gpm (170 lpm)	--	--
Rated flow for USEPA UVDGM 2006 protocol	--	--	--	--	50 gpm (189 lpm)
<b>Operating Parameters</b>					
Operating pressure	10 - 100 psi (689 kPa)	10 - 100 psi (689 kPa)	10 - 100 psi (689 kPa)	10 - 100 psi (689 kPa)	10 - 100 psi (689 kPa)
Ambient air temperature	32°F (0°C) - 104°F (40°C)	32°F (0°C) - 104°F (40°C)	32°F (0°C) - 104°F (40°C)	32°F (0°C) - 104°F (40°C)	32°F (0°C) - 104°F (40°C)
Ambient water temperature	39°F (4°C) - 104°F (40°C)	39°F (4°C) - 104°F (40°C)	39°F (4°C) - 104°F (40°C)	39°F (4°C) - 104°F (40°C)	39°F (4°C) - 104°F (40°C)
Hardness (max.)	120 ppm (7 grains / gallon)	120 ppm (7 grains / gallon)	120 ppm (7 grains / gallon)	120 ppm (7 grains / gallon)	120 ppm (7 grains / gallon)
Iron (max.)	0.3 ppm	0.3 ppm	0.3 ppm	0.3 ppm	0.3 ppm
UVT (min.)	75%	75%	75%	75%	75%
Installation direction	Vertical	Vertical	Vertical	Vertical	Vertical
<b>Electrical</b>					
Voltage	120 - 240V AC	120 - 240V AC	120 - 240V AC	120 - 240V AC	120 - 240V AC
Frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60Hz	50 - 60Hz
Max. current	1.2 Amp	1.6 Amp	2.4 Amp	2.4 Amp	2.4 Amp
Max. power consumption	120 Watts	160 Watts	230 Watts	230 Watts	230 Watts
Lamp power	100 Watts	140 Watts	200 Watts	200 Watts	200 Watts
<b>Dimensions</b>					
Chamber	22" x 4" (54 x 10 cm)	31" x 4" (78 x 10 cm)	41" x 4" (103 x 10 cm)	41" x 4" (103 x 10 cm)	41" x 4" (103 x 10 cm)
Power Supply	13" x 6.5" (33 x 16.5 cm)	13" x 6.5" (33 x 16.5 cm)	13" x 6.5" (33 x 16.5 cm)	13" x 6.5" (33 x 16.5 cm)	13" x 6.5" (33 x 16.5 cm)
Inlet & Outlet	Combo 1 1/4" NPT, 1" FNPT	Combo 1 1/4" NPT, 1" FNPT	Combo 1 1/4" NPT, 1" FNPT	2" MNPT	2" MNPT
<b>Features</b>					
Colour coded plug and play connections	Yes	Yes	Yes	Yes	Yes
CoolTouch fan / valve	Yes	Yes	Yes	Yes	Yes
Sensor with diagnostic test	+ models	+ models	+ models	+ model	Yes
Solenoid Valve	Optional	Optional	Optional	Optional	Optional
Chamber material	316L SST	316L SST	316L SST	316L SST	316L SST
Communication Ports (two, RJ45)	Yes	Yes	Yes	Yes	Yes
COMMcenter control package	Optional (+ model only)	Optional (+ model only)	Optional (+ model only)	Optional (+ model only)	Optional
Dynamic flow restrictor	--	--	--	--	--
Audible alarm mute button	Yes	Yes	Yes	Yes	Yes
Lamp reset button	Yes	Yes	Yes	Yes	Yes
Lamp age indicator	Yes	Yes	Yes	Yes	Yes
Lamp operation indicator	Yes	Yes	Yes	Yes	Yes
Power supply operation indicator	Yes	Yes	Yes	Yes	Yes
Solenoid operation indicator	Yes	Yes	Yes	Yes	Yes
Fan operation indicator	Yes	Yes	Yes	Yes	Yes
Sensor Reading Output	Yes	Yes	Yes	Yes	Yes
<b>Consumables</b>					
Lamp	602803	602804	602805	602805	602806
Quartz Sleeve	602730	602731	602732	602732	602733
Power Supply	650414 (120V) - 650415 (230V)	650713-005	650713-006	650713-007 650713-008	650713-001 650713-002
Sensor	--	--	--	650703	650703

\* Inlet/outlet size restricts flow to 45gpm and the dose will be 39mJ/cm<sup>2</sup>

**WARRANTY** Please visit [www.uvmax.com](http://www.uvmax.com) for the comprehensive warranty for our UVMAX™ product line.