

**Trojan Light Commercial Systems – Monitored and Producing Less Than 50 USGPM**  
**UVMax G Plus, UVMax H Plus and UVMax J Plus Series**

The Trojan UVMax™ measurement of performance has been improved due to the ability of the lamp to deliver a constant, reliable dose. Customers can now feel comfortable treating ice-cold waters and hot water recirculation lines, in a cool basement or a hot pump house.

Using an amalgam based lamp the system offers more intensity in a more compact footprint. These lamps have a two year lamp life. A **CoolTouch** fan is included in every system in order to significantly reduce the water temperature in the reactor during times of low or no flow. The system controller is equipped with an interface. A newly designed UV sensor offers a more reliable reading of the UV intensity of the lamp.

Monitored UVMax™ Plus Light Commercial Systems - Producing Less than 50 USGPM		<a href="#">UVMax G + RS PN: 650646</a>	<a href="#">UVMax H + RS PN: 650652</a>	<a href="#">UVMax J + RS PN: 650658</a>
Flow Rate (85% UVT eol)	VIQUA Standard (30mJ/cm <sup>2</sup> )	72.0 lpm (19.0 gpm) (4.3 m <sup>3</sup> /Hr)	148.0 lpm (39.1 gpm) (8.9 m <sup>3</sup> /Hr)	170.0 lpm (44.9 gpm) (10.2 m <sup>3</sup> /Hr)
	NSF/EPA (40mJ/cm <sup>2</sup> )	57.0 lpm (15.1 gpm) (3.4 m <sup>3</sup> /Hr)	110.0 lpm (29.1 gpm) (6.6 m <sup>3</sup> /Hr)	167.0 lpm (44.1 gpm) (10.0 m <sup>3</sup> /Hr)
Dimensions	Length	54.0 cm (21.3 ")	78.0 cm (30.7 ")	103.0 cm (40.6 ")
	Diameter	10.0 cm (3.9 ")	10.0 cm (3.9 ")	10.0 cm (3.9 ")
	Controller	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")
Inlet/Outlet Port Size		Combo 1¼" NPT, 1" MNPT	Combo 1¼" NPT, 1" MNPT	Combo 1¼" NPT, 1" MNPT
Electrical	Volts	120-240V 50-60Hz	120-240V 50-60Hz	120-240V 50-60Hz
	Max. current	1.2 Amp	1.6 Amp	2.4 Amp
	Power Consumption	120 W	160 W	230 W
	Lamp Power	100 W	140 W	200 W
Operating Parameters	Maximum Operating Pressure	100 PSI (689 kPa)	100 PSI (689 kPa)	100 PSI (689 kPa)
	Minimum Operating Pressure	10 PSI (69 kPa)	10 PSI (69 kPa)	10 PSI (69 kPa)
	Ambient Temperature	0-40 °C (32-104 °F)	0-40 °C (32-104 °F)	0-40 °C (32-104 °F)
	Maximum humidity	100 %	100 %	100 %
	Maximum hardness	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)
	Maximum iron	0.3 ppm	0.3 ppm	0.3 ppm
	Minimum UVT	75 %	75 %	75 %
Reactor Chamber Material		316L S.S.	316L S.S.	316L S.S.
UV Lamp Life		2 years	2 years	2 years
Colour-coded plug and play connections		Yes	Yes	Yes
UV intensity monitor with diagnostic test		Yes	Yes	Yes
CoolTouch fan		Yes	Yes	Yes
Sensor with diagnostic test		Optional	Optional	Optional
Solenoid Valve		Optional	Optional	Optional
Controls	Audible alarm mute button	Yes	Yes	Yes
	New lamp button	Yes	Yes	Yes
	Lamp age indicator	Yes	Yes	Yes
	Lamp operation indicator	Yes	Yes	Yes
	Ballast operation indicator	Yes	Yes	Yes
	Solenoid operation indicator	Yes	Yes	Yes
	Fan operation indicator	Yes	Yes	Yes
	Sensor reading indicator	Yes	Yes	Yes
Installation		Vertical	Vertical	Vertical