

Trojan UVMax™ Pro Series – Regulated UV Systems

The Trojan UVMax™ Pro series uses a revolutionary amalgam based lamp with more intensity in a more compact footprint. These lamps have a two year lamp life therefore reducing maintenance time. 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 intuitive interface allowing for ease of maintenance and troubleshooting for the operator. A newly designed UV sensor offers a more reliable reading of the UV intensity of the lamp and with the push of a button you can confirm the proper operation of the sensor.

All systems in the Pro series have been tested and validated under the rigors of the NSF 55 Class A protocol and can be applied in any regulated type drinking water application.

Trojan UVMax™ Pro Series		UVMax™ Pro 10 RS PN: 650647	UVMax™ Pro 20 RS PN: 650653	UVMax™ Pro 30 RS PN: 650659
Flow Rate NSF/EPA 40 mJ/cm²		37.9 lpm (10.0 gpm) (2.3 m ³ /Hr)	75.7 lpm (20.0 gpm) (4.5 m ³ /Hr)	113.5 lpm (30.0 gpm) (6.8 m ³ /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)	15 PSI (105 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 %
Colour-coded plug and play connections		Yes	Yes	Yes
UV intensity monitor with diagnostic test		Yes	Yes	Yes
CoolTouch fan		Yes	Yes	Yes
Dynamic flow restrictor		Yes	Yes	Yes
Communications ports (two, RJ45)		Yes	Yes	Yes
COMMcenter control package		Optional	Optional	Optional
Solenoid Valve		Optional	Optional	Optional
Rated service life of lamp		Yes	Yes	Yes
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