

Trojan Standard UV Systems

A Series: This point-of-use system allows for simple installation and operation due to its high output lamp and compact reactor. The reactor is an axial flow design with superior hydraulics, compact design and 3/8" FNPT connections. The controller is a simple plug in device connecting to the lamp with a safety cap. System comes equipped with a lamp/sleeve assembly which has the two parts assembled together as one piece for ease of handling.

B4, C4, D4, E4, F4 Series: These point-of-use/point-of-entry series of systems allows for simple installation and operation due to the high output lamp and compact reactor. The reactor is an axial flow design with superior hydraulics, compact design and 3/4" to 1" NPT connections depending on the model. Controller offers indicator LED's as well audible alarms that can be muted if need be. System comes equipped with a lamp/sleeve assembly which has the two parts assembled together as one piece for ease of handling.

Trojan Standard UV Systems		UVMax A PN: 650388	UVMax B4 PN: 650690	UVMax C4 PN: 650692	UVMax D4 PN: 650694	UVMax E4 PN: 650682	UVMax F4 PN: 650686
Flow Rate (85% UVT eol)	VIQUA Standard (30mJ/cm²)	11.0 lpm (2.9 gpm) (0.7 m ³ /Hr)	23.0 lpm (6.1 gpm) (1.4 m ³ /Hr)	60.0 lpm (15.9 gpm) (3.6 m ³ /Hr)	60.0 lpm (15.9 gpm) (3.6 m ³ /Hr)	110.0 lpm (29.1 gpm) (6.6 m ³ /Hr)	170.0 lpm (44.9 gpm) (10.2 m ³ /Hr)
Dimensions	Length	39.0 cm (15.4 ")	37.0 cm (14.6 ")	52.0 cm (20.5 ")	52.0 cm (20.5 ")	76.0 cm (29.9 ")	112.5 cm (44.3 ")
	Diameter	6.5 cm (2.6 ")	10.0 cm (3.9 ")	10.0 cm (3.9 ")	10.0 cm (3.9 ")	10.0 cm (3.9 ")	10.0 cm (3.9 ")
	Controller	7 x 8 cm (2.8" x 3.3")	22 x 15 cm (8.5" x 6")	22 x 15 cm (8.5" x 6")	22 x 15 cm (8.5" x 6")	22 x 15 cm (8.5" x 6")	22 x 15 cm (8.5" x 6")
Inlet/Outlet Port Size		3/8" FNPT	3/4" NPT	3/4" NPT	3/4" NPT	1" NPT	1" NPT
Electrical	Volts	120 or 230V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz
	Max. current	0.4 Amp	0.4 Amp	0.5 Amp	0.5 Amp	0.9 Amp	1.2 Amp
	Power Consumption	22 W	36 W	50 W	50 W	83 W	130 W
	Lamp Power	14 W	25 W	40 W	40 W	70 W	110 W
Operating Parameters	Maximum Operating Pressure	8.62 bar (125 PSI)	8.62 bar (125 PSI)	8.62 bar (125 PSI)	8.62 bar (125 PSI)	8.62 bar (125 PSI)	8.62 bar (125 PSI)
	Ambient Temperature	0-50 °C (32-122 °F)	0-50 °C (32-122 °F)	0-50 °C (32-122 °F)	0-50 °C (32-122 °F)	0-50 °C (32-122 °F)	0-50 °C (32-122 °F)
	Maximum hardness	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	120 ppm (7 grains per gallon)	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	0.3 ppm	0.3 ppm	0.3 ppm
	Minimum UVT	75 %	75 %	75 %	75 %	75 %	75 %
Reactor Chamber Material		304 SST	304 SST	304 SST	304 SST	316 SST	316 SST
Solenoid Valve		No	No	No	Optional	Optional	Optional
External control relay		No	No	No	Optional	Optional	Optional
Controls	Audible alarm mute button	No	No	No	Yes	Yes	Yes
	New lamp button	No	No	No	Yes	Yes	Yes
	Lamp age indicator	No	No	No	Yes	Yes	Yes
	Lamp operation indicator	Yes	Yes	Yes	Yes	Yes	Yes
	Ballast operation indicator	Yes	Yes	Yes	Yes	Yes	Yes
Installation		Vertical or horizontal	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal	Vertical or horizontal
No-tools maintenance		Yes	Yes	Yes	Yes	Yes	Yes
Constant current electronic power supply		Yes	Yes	Yes	Yes	Yes	Yes
Safety cap & special lamp plug		Safety cap only	Yes	Yes	Yes	Yes	Yes
Reference card		No	Yes	Yes	Yes	Yes	Yes