

Trojan Monitored UV – UVMaTM Plus

D4 Plus, E4 Plus, F4 Plus Series

The Trojan UVMaTMPro Series has been improved due to the ability of the lamp to deliver a constant, reliable dose. Using an amalgam based lamp the Pro series 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 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.

UVMa Plus Series – Monitored UV		UVMaTM D4 Plus PN: 650695	UVMaTM E4 Plus PN: 650683	UVMaTM F4 Plus PN: 650687
Flow Rate (85% UVT eol)	VIQUA Standard (30mJ/cm ²)	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	52.0 cm (20.5 ")	76.0 cm (29.9 ")	112.5 cm (44.3 ")
	Diameter	10.0 cm (3.9 ")	10.0 cm (3.9 ")	10.0 cm (3.9 ")
	Controller	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		3/4" NPT	1" NPT	1" NPT
Electrical	Volts	100-240V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz
	Max. current	0.5 Amp	0.9 Amp	1.2 Amp
	Power Consumption	50 W	83 W	130 W
	Lamp Power	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)
	Ambient Temperature	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)
	Maximum iron	0.3 ppm	0.3 ppm	0.3 ppm
	Minimum UVT	75 %	75 %	75 %
Reactor Chamber Material		304 SST	316 SST	316 SST
UV intensity monitor with diagnostic test		Yes	Yes	Yes
CoolTouch fan		Yes	Yes	Yes
Solenoid Valve		Optional	Optional	Optional
External control relay		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
	Sensor reading indicator	Yes	Yes	Yes
Installation		Vertical	Vertical	Vertical
No-tools maintenance		Yes	Yes	Yes
Constant current electronic power supply		Yes	Yes	Yes
Safety cap & special lamp plug		Yes	Yes	Yes
Reference card		Yes	Yes	Yes