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UV MAX™

Engineered to
Higher Standards



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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.

Professional grade equipment that re-defines reliability with rock-solid performance under all environmental conditions.

The UVMAX™ Pro Series offers a unique combination of brains and brawn, with twice the raw power of other UV systems and the intelligence to provide a real-time measure of the delivered dose.

Most importantly, we've drastically improved the most

critical measure of a UV system's performance - its ability to deliver a constant, reliable dose.

This means you can feel comfortable treating ice cold waters and hot water recirculation lines, in a cool basement or a hot pump house!

UV MAX™

- 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 Twice The 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!



MODEL	PRO 10	PRO 20	PRO 30
Consumables			
Lamp	602854	602855	602856
Quartz Sleeve	602974	602975	602976
Power Supply	650709-003	650709-006	650709-009
Sensor	602580	602580	602580



MODEL	PRO10	PRO20	PRO30
Flow Rates			
Rated flow for NSF Std 55, Class A	10 gpm (379 lpm)	20 gpm (75.7 lpm)	30 gpm (113.5 lpm)
Operating Parameters			
Operating pressure	10 psi (69kPa) - 100 psi (689kPa)	10 psi (69kPa) - 100 psi (689kPa)	10 psi (69kPa) - 100 psi (689kPa)
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)
Ambient water temperature	39.2°F (4°C) - 104°F (40°C)	39.2°F (4°C) - 104°F (40°C)	39.2°F (4°C) - 104°F (40°C)
Hardness (max.)	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
UVT (min.)	75%	75%	75%
Installation direction	Vertical	Vertical	Vertical
Electrical			
Voltage	120 - 240V AC	120 - 240V AC	120 - 240V AC
Frequency	50 - 60Hz	50 - 60Hz	50 - 60Hz
Max. current	1.2 Amp	1.6 Amp	2.4 Amp
Max. power consumption	120 Watts	160 Watts	230 Watts
Lamp power	100 Watts	140 Watts	200 Watts
Dimensions			
Chamber	22" x 4" (54 x 10 cm)	31" x 4" (78 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)
Inlet & Outlet	Combo 1-1/4" MNPT, 1" FNPT	Combo 1-1/4" MNPT, 1" FNPT	Combo 1-1/4" MNPT, 1" FNPT
Features			
Colour coded plug and play connections	Yes	Yes	Yes
CoolTouch fan/valve	Yes	Yes	Yes
Sensor with diagnostic test	Yes	Yes	Yes
Solenoid Valve	Optional	Optional	Optional
Chamber material	316L SST	316L SST	316L SST
Communication Ports (two, RJ45)	Yes	Yes	Yes
COMMcenter control package	Optional	Optional	Optional
Dynamic flow restrictor	Yes	Yes	Yes
Audible alarm mute button	Yes	Yes	Yes
Lamp reset button	Yes	Yes	Yes
Lamp age indicator	Yes	Yes	Yes
Lamp operation indicator	Yes	Yes	Yes
Power supply operation indicator	Yes	Yes	Yes
Solenoid operation indicator	Yes	Yes	Yes
Fan operation indicator	Yes	Yes	Yes
Sensor Reading Output	Yes	Yes	Yes