UV MAX™

Really good is now **even better.**

Engineered to higher standards
Higher standards than anything else out there today! In fact, the UVMAX Pro with our new flow meter technology has been designed and engineered by VIQUA to eliminate low UV nuisance alarms, which can occur regardless of water flow. And, ours is the only NSF validated system that calculates real-time UV dosing.

Better technology explained
Current UV water treatment products which are certified to NSF Standard 55 Class A are optimized and calibrated for operating at a fixed, maximum flow rate. This makes sense for larger systems where the flow is unlikely to change drastically. With smaller systems, however, the flow is unlikely to be constant.

The Pro series flow meter recognizes when there is less than maximum flow, and the integrated software then calculates the actual 'real-time' UV dose delivery for that flow.

No more nuisance alarms
If your water supply is influenced by surface conditions, seasonal fluctuations can affect UV transmission (UVT) through the water. This, in turn, can result in low UV alarms even when the flow rate is reduced and the actual UV dose is higher than the 40mJ/cm^2 NSF threshold. These are the familiar nuisance alarms that can occur when there is no ability to measure and make allowance for the actual flow being used. The new UVMAX Pro system takes care of all that!

The UXMAX Pro system with VIQUA's custom-engineered flow meter offers real-time dosing and fail-safe flow detection, so it won't trigger nuisance alarms resulting from misinterpretation of the usual factors. By measuring the actual flow instead of assuming it's at a fixed rate, the system will be able to measure what is actually happening in the chamber. This means it will only alarm when there really is a low UV issue.

Smarter systems
With the optional CommCentre, you can reduce and plan system maintenance by monitoring the real- time dose. You'll know in advance when the sleeve needs cleaning, and, depending on your flow rate, you can increase the time interval between maintenance operations.

Engineering you know
As with all UVMAX Pro systems, amalgam lamp technology provides twice the power output of current high output lamps while our CoolTouch fan technology significantly reduces water temperatures. You won't need any tools and won't risk over-tightening the assembly with our Easy Quarter-Twist design. And, all system connections are colour coded – simply plug and play!

That's how we've improved the UVMAX to higher standards than ever before. No other drinking water disinfection product offers this level of protection and sound science.

Learn more about how we engineer to higher standards at **www.uvmax.com**.

UV MAX™

MODEL	PRO10	PRO20	PRO30
Flow Rates			
Rated flow for NSF Std 55, Class A	10 gpm (37.9 lpm)	20 gpm (75.7 lpm)	30 gpm (113.5 lpm)
Operating Parameters			
Operating pressure	10psi (69kPa) - 100 psi (689kPa)	10psi (69kPa) - 100 psi (689kPa)	10psi (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			
Flow Meter	Yes	Yes	Yes
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

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