# UV MAX™

| MODEL | G, G+ | H, H+ | J, J+ | K, K+ | PRO50 |
|---|---|---|---|---|---|
| **Flow Rates** | | | | | |
| Rated flow at dose 30 mJ/cm2 @ 95% UVT | 23gpm (87 lpm) | 45 gpm (170 lpm) | 45 gpm (170 lpm)* | 80 gpm (303 lpm) | -- |
| Rated flow at dose 40 mJ/cm2 @ 95% UVT | 17 gpm (64 lpm) | 35 gpm (132 lpm) | 45 gpm (170 lpm) | -- | -- |
| Rated flow for USEPA UVDGM 2006 protocol | -- | -- | -- | -- | 50 gpm (189 lpm) |
| **Operating Parameters** | | | | | |
| Operating pressure | 10 - 100 psi (689 kPa) | 10 - 100 psi (689 kPa) | 10 - 100 psi (689 kPa) | 10 - 100 psi (689 kPa) | 10 - 100 psi (689 kPa) |
| 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) | 32°F (0°C) - 104°F (40°C) | 32°F (0°C) - 104°F (40°C) |
| Ambient water temperature | 39°F (4°C) - 104°F (40°C) | 39°F (4°C) - 104°F (40°C) | 39°F (4°C) - 104°F (40°C) | 39°F (4°C) - 104°F (40°C) | 39°F (4°C) - 104°F (40°C) |
| Hardness (max.) | 120 ppm (7 grains / gallon) | 120 ppm (7 grains / gallon) | 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 | 0.3 ppm | 0.3 ppm |
| UVT (min.) | 75% | 75% | 75% | 75% | 75% |
| Installation direction | Vertical | Vertical | Vertical | Vertical | Vertical |
| **Electrical** | | | | | |
| Voltage | 120 - 240V AC | 120 - 240V AC | 120 - 240V AC | 120 - 240V AC | 120 - 240V AC |
| Frequency | 50 - 60 Hz | 50 - 60 Hz | 50 - 60 Hz | 50 - 60Hz | 50 - 60Hz |
| Max. current | 1.2 Amp | 1.6 Amp | 2.4 Amp | 2.4 Amp | 2.4 Amp |
| Max. power consumption | 120 Watts | 160 Watts | 230 Watts | 230 Watts | 230 Watts |
| Lamp power | 100 Watts | 140 Watts | 200 Watts | 200 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) | 41" x 4" (103 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) | 13" x 6.5" (33 x 16.5 cm) | 13" x 6.5" (33 x 16.5 cm) |
| Inlet & Outlet | Combo 1 1/4" NPT, 1" FNPT | Combo 1 1/4" NPT, 1" FNPT | Combo 1 1/4" NPT, 1" FNPT | 2" MNPT | 2" MNPT |
| **Features** | | | | | |
| Colour coded plug and play connections | Yes | Yes | Yes | Yes | Yes |
| CoolTouch fan / valve | Yes | Yes | Yes | Yes | Yes |
| Sensor with diagnostic test | + models | + models | + models | + model | Yes |
| Solenoid Valve | Optional | Optional | Optional | Optional | Optional |
| Chamber material | 316L SST | 316L SST | 316L SST | 316L SST | 316L SST |
| Communication Ports (two, RJ45) | Yes | Yes | Yes | Yes | Yes |
| COMMcenter control package | Optional (+ model only) | Optional (+ model only) | Optional (+ model only) | Optional (+ model only) | Optional |
| Dynamic flow restrictor | -- | -- | -- | -- | -- |
| Audible alarm mute button | Yes | Yes | Yes | Yes | Yes |
| Lamp reset button | Yes | Yes | Yes | Yes | Yes |
| Lamp age indicator | Yes | Yes | Yes | Yes | Yes |
| Lamp operation indicator | Yes | Yes | Yes | Yes | Yes |
| Power supply operation indicator | Yes | Yes | Yes | Yes | Yes |
| Solenoid operation indicator | Yes | Yes | Yes | Yes | Yes |
| Fan operation indicator | Yes | Yes | Yes | Yes | Yes |
| Sensor Reading Output | Yes | Yes | Yes | Yes | Yes |
| **Consumables** | | | | | |
| Lamp | 602803 | 602804 | 602805 | 602805 | 602806 |
| Quartz Sleeve | 602730 | 602731 | 602732 | 602732 | 602733 |
| Power Supply | 650414 (120V) - 650415 (230V) | 650713-005 | 650713-006 | 650713-007 650713-008 | 650713-001 650713-002 |
| Sensor | -- | -- | -- | 650703 | 650703 |

*Inlet/outlet size restricts flow to 45gpm and the dose will be 39mJ/cm²

**WARRANTY** Please visit www.uvmax.com for the comprehensive warranty for our UVMAX™ product line.

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## UV MAX™

### Engineered to Higher Standards

G, H, J, K & Pro50

www.uvmax.com

# Engineered to Higher Standards



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.

## GO WITH MORE FLOW.

Even with the high flow capabilities, their footprint is half the size of their predecessors, making installation quicker and easier.

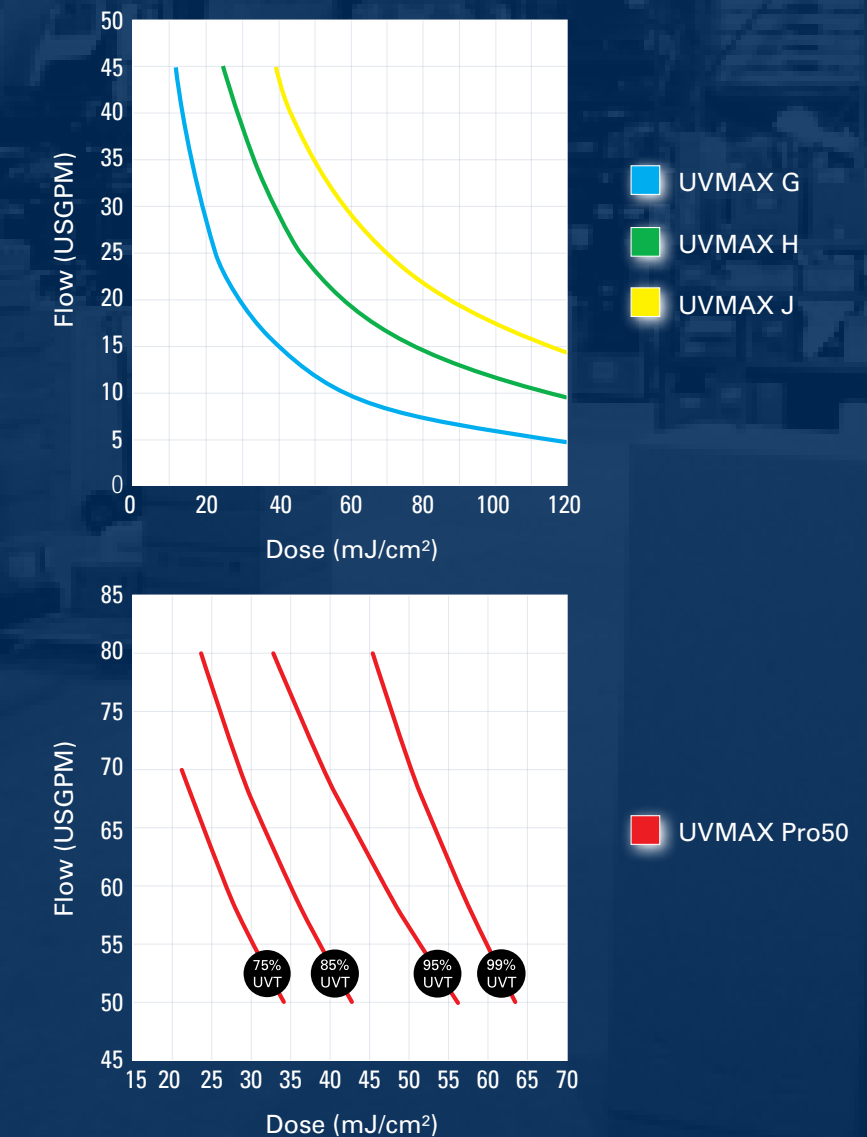## BENEFIT FROM PRO SERIES PRODUCT ADVANCES.

Being built from our state-of-the-art Pro Series platform allows the UVMAX G, H, J, K & Pro50 to share in many of the same product advances such as its incredibly intuitive interface, plug-and-play connections and a sensor confirmation button.

## 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!



## System Performance



- UVMAX G
- UVMAX H
- UVMAX J



- UVMAX Pro50

## VIQUA
### We make tap water safe.