

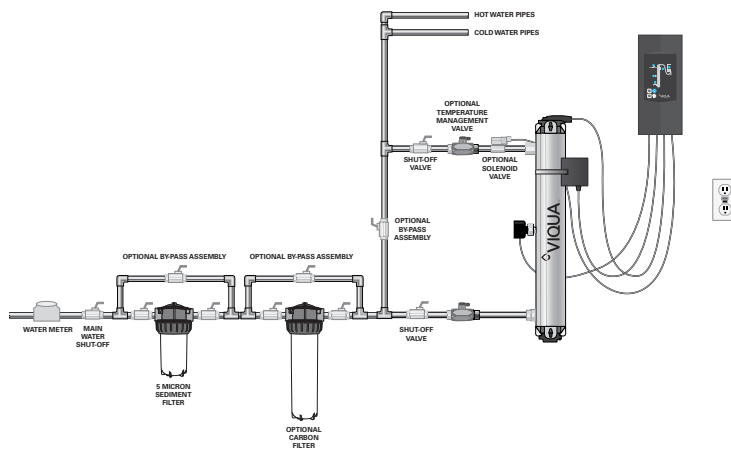


H, K, H+ & K+

Ultraviolet Water Treatment Systems from VIQUA

The **VIQUA PROFESSIONAL family** of compact UV systems provides a reliable and economical way to treat drinking water.

The VIQUA H and K systems are available for flow rates from 45 gpm (10.2 m³/hr) to 80 gpm (18.2 m³/hr), making them ideal for most light commercial applications.



Features of VIQUA UV water systems

- Capable of inactivating common waterborne pathogens, including *cryptosporidium*, *giardia*, *pathogenic E. coli (STEC/VTEC)*, *campylobacter*, *legionella*, *salmonella*, *shigella*, *norovirus*, *enterovirus*, and *hepatitis A virus**
- Revolutionary lamp with twice the output of current high-output lamps, providing compact, single-lamp systems that are half the size of their predecessors
- CoolTouch fan that significantly reduces water temperature and does not waste any water
- Sleeve bolts that require only a quarter-twist to the positive stop—no tools, no risk of over-tightening
- Like a standard plug—no more grounding wires
- Optional plug-and-play solenoid valve that stops water flow in the event water treatment is compromised
- Flexibility to connect to either 1.25 in. MNPT or 1 in. FNPT
- New and improved sensor to ensure effective UV levels are maintained
- Revolutionary amalgam lamps that last up to two years, reducing maintenance requirements
- Intuitive interface
- Plug-and-play color-coded connections for easy installation
- Optional COMMcenter that displays UV dose and can monitor up to 9 UV systems—up to 270 gpm

*Efficacy of VIQUA systems has been demonstrated in internal testing. Visit VIQUA.com for details.



Specifications

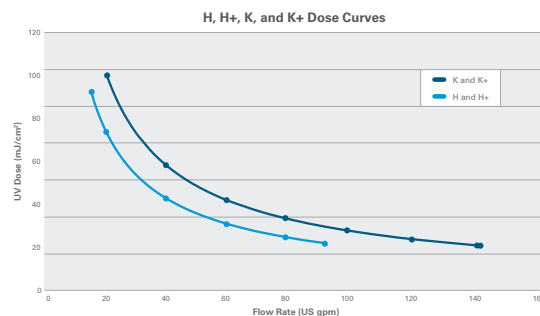
	H (650651; 650654)	H+ (650652; 650655)	K (660001-R; 660004-R)	K+ (660002-R; 660005-R)
Flow rates (@ 95% UVT)				
US Public Health (16 mJ/cm ²)	48 gpm (180 lpm); 11.0 m ³ /hr		120 gpm (454 lpm); 27.2 m ³ /hr	
VIQUA Standard (30 mJ/cm ²)	45 gpm (170 lpm); 10.2 m ³ /hr		80 gpm (303 lpm); 18.2 m ³ /hr	
NSF/EPA (40 mJ/cm ²)	37 gpm (140 lpm); 8.4 m ³ /hr		60 gpm (230 lpm); 13.7 m ³ /hr	
Dimensions				
Chamber	31 in. x 4 in. (78 cm x 10 cm)		41 in. x 4 in. (103 cm x 10 cm)	
Controller	13 in. x 6.5 in. x 4.5 in. (33 cm x 16.5 cm x 11.5 cm)			
Inlet and outlet port size	Combo 1.25 in. MNPT, 1 in. FNPT		2 in. MNPT	
Shipping weight	28 lbs (12.7 kg)		31 lbs (14 kg)	
Electrical				
Voltage	100-240V (50-60 Hz)			
Power consumption	160W	160W	230W	230W
Maximum operating pressure	125 psi (8.62 bar)			
Influent water temperature	2 to 40°C (36 to 104°F)			
Features				
Visual "power on"	Y	Y	Y	Y
Chamber material	316L stainless steel	316L stainless steel	316L stainless steel	316L stainless steel
Audible lamp failure	Y	Y	Y	Y
Audible lamp replacement reminder	Y	Y	Y	Y
UV sensor	N	Y	N	Y
Sensor reading output	N	Optional	N	Optional
CoolTouch fan	Y	Y	Y	Y

Replacement parts

602855: UV lamp for H and H+	650709-004: power supply for H
602856: UV lamp for K and K+	650709-005: power supply for H+
602975: quartz sleeve for H and H+	660018-R: power supply for K
602976: quartz sleeve for K and K+	660019-R: power supply for K+
650580: sensor for H+ and K+	

Water quality parameters

Hardness < 7 grains (120 mg/L)	Iron < 0.3 mg/L	Tannins < 0.1 mg/L
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To learn more about the VIQUA PROFESSIONAL family and the efficacy of its UV treatment systems, visit VIQUA.com