

Kinetico KUV

Ultraviolet Water Purification System



 **Kinetico**[®]
home water systems

Provides Microbiologically-Safe Water

Uses Patented Crossfire Technology[®]

Simple Maintenance

Compact Size

Installation and Service by Trained Water Treatment Professionals

What Makes The Kineticco KUV Different?

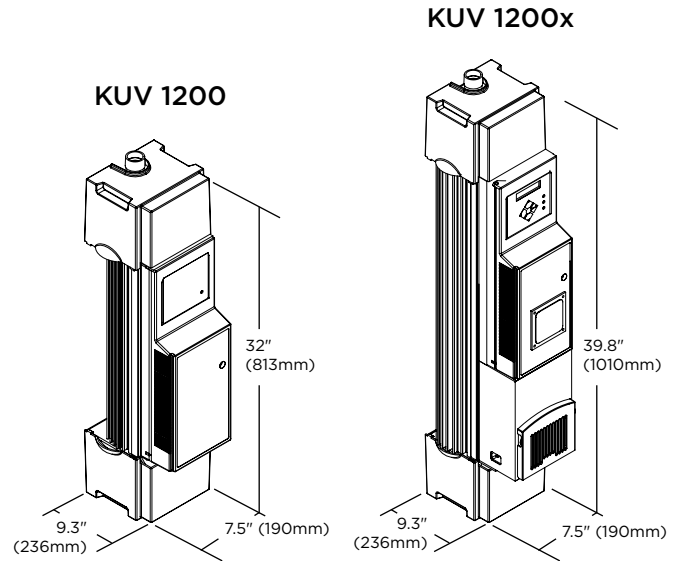
- Effective UV Treatment.** Disinfects water to ensure a safe drinking water supply.
- Patented Crossfire Technology[®].** Utilizes two lamps mounted outside the quartz tube. Crossfire design concentrates UV energy, increasing the effective UV dosage in a smaller space.
- Simple Maintenance.** No labor-intensive quartz handling. Simple lamp changes are through convenient hold-open access doors. Maintaining the KUV is as easy as changing a light bulb.
- Compact Size.** Small footprint saves space.
- Easy Installation.** Includes 1" inlet/outlet ports, vertical mounting frame and standard grounded power cord.
- Outstanding Warranty.** Dependability, peace of mind.

Additional Features of the 1200x

- NSF/ANSI 55 Class A Certified.**
- Dual UV Sensors.** Continuously monitor UV intensity and net UV transmittance for consistent treatment.
- Easy System Monitoring.** Digital monitor provides visual and audible caution and alarm notification. Optional remote monitor.

Independent Laboratory Certification

Kineticco products are tested and certified by Independent Laboratories such as NSF. For specific claims and certifying laboratories, refer to performance data sheets or consult your local Kineticco Dealer.



System Specifications Summary

	KUV 1200	KUV 1200x
Design Specifications		
Peak Flow Rate:	12 gpm	12 gpm
UV Dosage at Peak Flow Rate:	30,000 mJ/cm ²	40,000 mJ/cm ²
Water Temperature Range:	34-95° F	34-104° F
Water Pressure:	10-100 psi	10-100 psi
Lamps:		
	Twin Low Pressure High Output UV	Twin Low Pressure High Output UV
Water Chamber:	1.5" Quartz Sleeve	1.5" Quartz Sleeve
Lamp Life:	9,000 hrs	9,000 hrs
System On Lamp: Standard		
System Alarm: Standard		
UV Transmittance Sensor: Standard		
UV Bulb Intensity Sensor: Standard		
Operator Interface Display: 2 line LCD		
Alarm Shut-off Valve: Optional		
Certifications		
NSF / ANSI 55 Class A:		Yes
NSF Low Lead:	Yes	Yes
CE, UL, ULC:	Yes	Yes
Connections		
Inlet / Outlet Connections:	1" MNPT	1" MNPT
Power:	120 VAC / 60 Hz	120 VAC / 60 Hz
Inlet Water Quality		
Hardness (max.):	7 grains	7 grains
Iron (max.):	0.3 mg/L	0.3 mg/L
UV Transmittance (min.):	85% UVT	75% UVT
Turbidity (max.):	<1 NTU	<1 NTU
Installation Parameters		
Ambient Operating Temperature:	34-95° F	34-104° F
Location:	Indoors	Indoors
Weight:	23 lbs. 10.4 kg.	30 lbs. 13.6 kg.