

Watts UV Disinfection Systems



**Value Priced.
Order Today!**

Applications

- Well water
- Homes
- Water systems
- Aquaculture
- Food service
- Water coolers
- RO systems



Features & Benefits

- Disinfection without chemicals.
- Effective disinfection for chlorine resistant bacteria, virus cysts.
- Lamps rated for 12 month continuous service life.
- Highly polished 304 stainless steel reactor chamber.
- Audible and visual alarm indicating lamp failure.
- Easy lamp replacement service.
- Available in 110 v and 230v.
- 30mj/cm² dose at specified flow rate at the end of lamp life.
- Quartz sleeve and lamps.

Independent Lab Validated

Watts UV systems have been tested by BioVir Laboratories, using *E.coli* bacteria. Test results indicate Watts UV systems are capable of providing the 40 mJ/cm² dose requirement for *E.coli* bacteria disinfection at maximum flow rates for all four models. Based on these tests, the log reduction of *E.coli* bacteria was between 2.07 to 3.03, which is 99.1 to 99.9 percent reduction of *E.coli* bacteria.

Specifications

Chamber materials	304SS
Max. water temperature	104°F (40°C)
Min. water temperature	36°F (2°C)
Max pressure	125 psi
UV dose (end of life)	30 mj/cm ²
Lamp life	9,000 hrs
Lamps per chamber	Single

Water Quality Guidelines

Total Iron	less than 0.3 mg/l
Hydrogen sulfide	less than 0.05 mg/l
Turbidity	less than 10 mg/l
Manganese	less than 0.05 mg/l
Hardness	less than 7 grains
UV transmittance	greater than 90%

Note: Minimum water quality guidelines are recommended to ensure proper operation and continuous disinfection.

Models

Product Code	Flow Rate (GPM)	Pipe Size	Dimensions (L X W X H)	Electrical	Shipping (Lbs.)
WUV2-110	2	1/2" MNPT	18" x 6" x 5-3/8"	110-130 v / 50-60 Hz	6
WUV2-230	2	1/2" MNPT	18" x 6" x 5-3/8"	200-250 v / 50-60 Hz	6
WUV6-110	6	3/4" MNPT	25-1/2" x 6" x 5-3/8"	110-130 v / 50-60 Hz	7
WUV6-230	6	3/4" MNPT	25-1/2" x 6" x 5-3/8"	200-250 v / 50-60 Hz	7
WUV8-110	8	3/4" MNPT	32" x 8-1/4" x 3-3/4"	110-130 v / 50-60 Hz	9
WUV8-230	8	3/4" MNPT	32" x 8-1/4" x 3-3/4"	200-250 v / 50-60 Hz	9
WUV12-110	12	1" MNPT	41-1/2" x 8-1/4" x 3-3/4"	110-130 v / 50-60 Hz	17
WUV12-230	12	1" MNPT	41-1/2" x 8-1/4" x 3-3/4"	200-250 v / 50-60 Hz	17