

ULTRAVIOLET SYSTEMS



UVR BASIC SERIES ULTRAVIOLET SYSTEMS RESIDENTIAL / LIGHT COMMERCIAL

BASIC ULTRAVIOLET STERILIZATION AT ITS BEST

For point-of-use and point-of-entry applications, SWT's UVR Basic Series Ultraviolet Systems are designed for the sterilization of bacteria, viruses, and other microorganisms commonly found in some water supplies.

UVR Basic Systems provide an extra level of protection in homes and businesses. Use as post-treatment for carbon filters, water softeners, iron filters and more. UV purification does not alter the taste or leave any residual in the water.



Left to right: UVR20000,
UVR10000, UVR06000

Specifications

Output	30K $\mu\text{w sec/cm}^2$
Wavelength	254 nanometers
Lamp Life	9000 hours
Temperature	35 to 100°F
Max Operating Pressure	125 PSI
Power Source	120V/60Hz
Water Source	Clear and filtered to 5 microns
Installation Location	Final stage as close to point-of-use as possible

Standard Features

- Heavy Duty 304 stainless steel disinfection chamber construction with plasma welding
- Quartz sleeve for maximum UV exposure
- Easy lamp replacement without having to shut-off the water supply
- UV-Glow™ gland nut design provides easy removal of quartz sleeve for cleaning and illuminates when UV lamp is on
- Low power consumption
- Remote mounted, state-of-the-art electronic ballast
- Wall-mounting bracket included
- Available in all international voltages

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UVR Basic Series Ultraviolet Systems

Part Number	Inlet / Outlet NPT Size Inches	Flow Rate Clear, Fresh Water	Voltage	Lamp Watts	Power Supply Amps	Chamber Dimensions Inches (L x W x H)	Shipping Weight Lbs.
UVR03000	0.50	3 GPM	120V/50-60Hz	14	0.500	3 x 4 x 15	11
UVR03000-2	0.50	3 GPM	230V/50-60Hz	14	0.500	3 x 4 x 15	11
UVR06000	0.75	6 GPM	120V/50-60Hz	17	0.500	6 x 8 x 16	14
UVR06000-2	0.75	6 GPM	230V/50-60Hz	17	0.500	6 x 8 x 16	14
UVR10000	0.75	10 GPM	120V/50-60Hz	24	0.500	6 x 8 x 22	15
UVR10000-2	0.75	10 GPM	230V/50-60Hz	24	0.500	6 x 8 x 22	15
UVR20000/1	1.00	20 GPM	120V/50-60Hz	38	0.500	6 x 8 x 37	21
UVR20000/1-2	1.00	20 GPM	230V/50-60Hz	38	0.500	6 x 8 x 37	21

UVR Basic Series Replacement Parts

Part Number	Description
DI-LMP42002	Ultraviolet Lamp for UVR03000 & UVR03000-2 Systems
DI-LMP41004	Ultraviolet Lamp for UVR06000 & UVR06000-2 Systems
DI-LMP42005	Ultraviolet Lamp for UVR10000 & UVR10000-2 Systems
IL10001	Ultraviolet Lamp for UVR20000, UVR20000-2, UVR20000/1, & UVR20000/1-2 Systems
DI-QTZD004	Quartz Sleeve for UVR03000 & UVR03000-2 Systems
DI-QTZD005	Quartz Sleeve for UVR06000 & UVR06000-2 Systems
DI-QTZD007	Quartz Sleeve for UVR10000 & UVR10000-2 Systems
DI-QTZD009	Quartz Sleeve for UVR20000, UVR20000-2, UVR20000/1, & UVR20000/1-2 Systems
SWT10018EF	Ballast for UVR03000 & UVR06000 — 120V/50-60Hz
SWT10018EF-2	Ballast for UVR03000-2 & UVR06000-2 — 230V/50-60Hz
SWT10019	Ballast for UVR10000 — 120V/50-60Hz
SWT10019-2	Ballast for UVR10000-2 — 230V/50-60Hz
SWT10020	Ballast for UVR20000 & UVR20000/1 — 120V/50-60Hz
SWT10020-2	Ballast for UVR20000-2 & UVR20000/1-2 — 230V/50-60Hz
UL-213E	O-Ring for Quartz Sleeve (All UVR Series Systems)