

ULTRAVIOLET SYSTEMS



UVCR SERIES COMMERCIAL SYSTEMS

SWT's **Commercial Ultraviolet Water Disinfection Equipment** offers greater flexibility for all of your UV applications. With smaller space requirements and remote electrical boxes, these units are easier to install than any of our competitors' units. Plus, the UVCR Series offers a wide range of options to satisfy your individual application needs — from the economically simple to the most demanding of installations.



Standard units feature 254 nm wavelength dosing.
Optional 185 nm wavelength systems are available.

Standard Features

- 304 electropolished stainless UV chamber
- Closed vessel design to minimize seals and chances for potential leaks
- Low pressure ultraviolet lamp with standard 4-pin connections
- Remote electrical enclosure
- Ultraviolet dosage of 30 mJ/cm² @ 254nm
- 9000 hour lamp life (approx. 1 year)
- All international votages available

Part Number	Inlet/Outlet NPT Size Inches	Flow Rate Clear, Fresh Water	Flow Rate DI, RO Water	Flow Rate Waste Water	Number of Lamps	Shipping Dimensions Inches (L x W x H)	Shipping Weight lb (kg)
UVCR-1S	1	15 gpm	18 gpm	10 gpm	1	39 x 9 x 9	26 (10)
UVCR-1SHO	1	20 gpm	24 gpm	12 gpm	1 (High Output)	39 x 9 x 9	26 (10)
UVCR-2S	1.5	30 gpm	35 gpm	20 gpm	2	39 x 9 x 9	28 (11)
UVCR-2SHO-1.5	1.5	50 gpm	60 gpm	30 gpm	2 (High Output)	43 x 16 x 16	36 (14)
UVCR-2SHO-2	2	50 gpm	60 gpm	30 gpm	2 (High Output)	43 x 16 x 16	45 (17)

Options

Part Number	Description
UVCR-NBUM	Ultraviolet Monitor with 0 to 100% Display
UVCR-NBUM-AA	Ultraviolet Monitor with 0 to 100% Display and Audible Alarm
UVCR-ERTM	Elapsed Running Time Meter
UVCR-MWS1	Manual Wiper System for 1 Lamp Unit
UVCR-MWS2	Manual Wiper System for 2 Lamp Unit
UVCR-RHD	Removable Head Design, One End

Optional manual or automatic wiping mechanisms are available. Contact your SWT representative for pricing and details.
Standard systems are designed for 120 V/60 Hz/1-Phase applications. Optional international voltages are available.

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UVCR SERIES PARTS

Part Number	Description
IL-UVCR-LP	Lamp for UVCR-1S & 2S
IL-UVCR-LPHO	Lamp for UVCR-2SHO
IL-UVCR-QTZ	Quartz Sleeve for UVCR Series
UL-213E	O-Ring for UVCR Series (2 Required)

