

EVOQUA LOW FLOW UV SYSTEMS

ULTRAVIOLET DISINFECTION IS FAST, EFFECTIVE, AND ENVIRONMENTALLY-FRIENDLY.

Evoqua LF Disinfection UV Systems generate a UV dosage of at least 30,000 microwatt-seconds per square centimeter, even at the end-of-lamp life. This is more than sufficient to destroy most waterborne microorganisms, such as bacteria, yeasts and algae.

Evoqua LF UV System include a reaction chamber constructed of 316SS, suitable for high purity water loops and other deionized water applications.

Evoqua LF UV Disinfection Systems are designed to provide an exact germicidal dosage throughout the disinfection chamber. Higher flow rates through the chamber, cause lower exposure to Ultraviolet light, and lower doses of disinfection.

Low Flow UV Systems are chosen based on Disinfection Flow Rate. Please consult Evoqua Tech Support for help sizing a UV System.



Each Evoqua Low Flow System includes:

- *UV Lamp (10W/ 254nm)
- Quartz Sleeve (245mm)
- UV Ballast (120-240V, 50/60Hz) with Screws Set
- Clamps with Screws Set
- O-Ring
- Washer

SYSTEM SPECIFICATIONS

	Disinfection Flow Rate @ 95% UVT	I/O Port Size	Power Consumption	Voltage	Working Temp	Wavelength	Max. Operating Pressure	Part Number
LF1	1 GPM	1/4"	14W	110-240V	2-40°C	254mm	125psi	W2T850787
<i>Included: Lamp (W2T850793) and Sleeve (W2T850798)</i>								
LF2	2 GPM	1/4"	18W	110-240V	2-40°C	254mm	125psi	W2T850788
<i>Included: Lamp (W2T850794) and Quartz Sleeve (W2T509809)</i>								
LF6	6 GPM	1/2"	28W	110-240V	2-40°C	254mm	125psi	W2T850789
<i>Included: Lamp (W2T850795) and Quartz Sleeve (W2T850799)</i>								
LF8	8 GPM	3/4"	36W	110-240V	2-40°C	254mm	125psi	W2T850790
<i>Included: Lamp (W2T850796) and Quartz Sleeve (W2T850800)</i>								
LF12	12 GPM	3/4"	44W	110-240V	2-40°C	254mm	125psi	W2T850791
<i>Included: Lamp (W2T850797) and Quartz Sleeve (W2T850801)</i>								

*Alternate 185/254NM Lamps for TOC Destruction Applications are available - consult order information on the next page.

Product Details, Ordering Options and 24-Hour Customer Service at www.evoquaadvantage.com

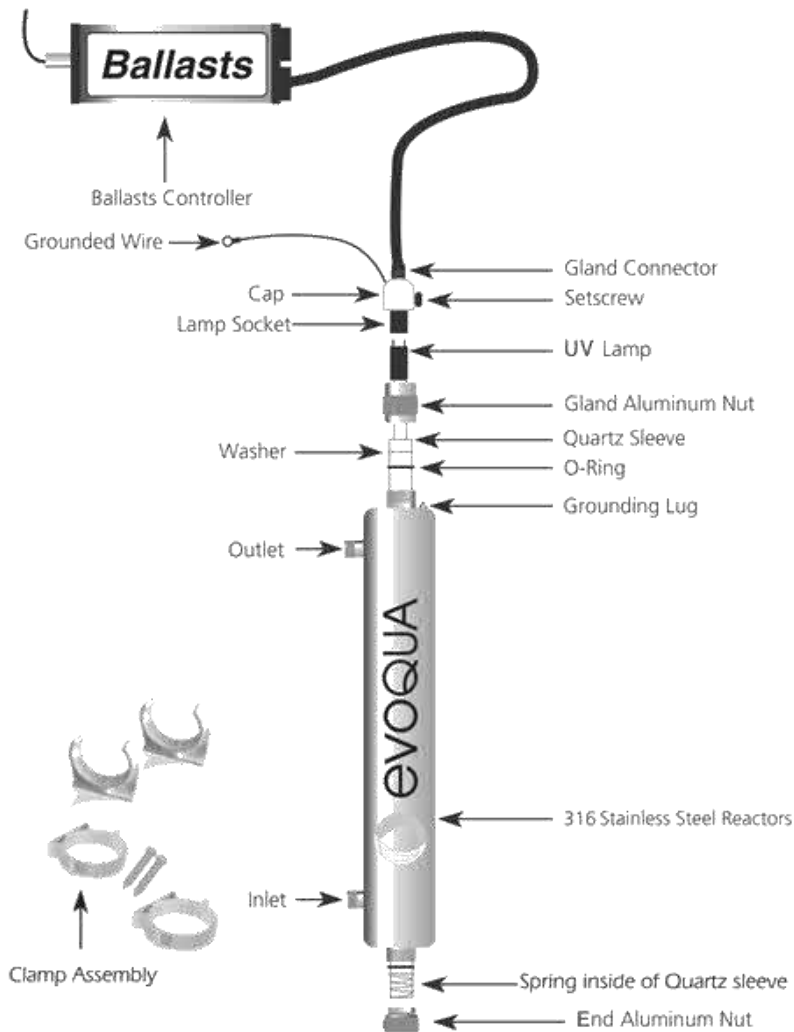
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ALTERNATE UV LAMPS FOR TOC/DISINFECTION

UV water treatment is categorized into two primary levels measured as wavelengths - 254nm and 185nm. For disinfection and ozone destruction applications, the 254nm wavelength is used.

For TOC reduction and chlorine destruction applications a 185/254mm wavelength is used. The Low Flow UV System includes a 254mm UV Lamp, but optional lamps for TOC destruction are available.

	Wavelength	BF-BF	Power Consumption	Part Number
LF1	185/254mm	212mm	10W	W2T852825
LF2	185/254mm	287mm	14W	W2T852826
LF6	185/254mm	436mm	24W	W2T852828
LF8	185/254mm	645mm	32W	W2T852829
LF12	185/254mm	843mm	39W	W2T852830



SPARE PARTS

Ballast	W2T552193
O-Ring	W2T850802
Washer	W2T850803
Spring	W2T855447
Long Aluminum Cap	W2T855448
Short Aluminum Cap	W2T855449
Right Angle Connector	W2T855450
Output Line	W2T855451
Set Screw	W2T855452
Plastic Mounting Clamp	W2T852552

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