

Ultraviolet Sterilization for Whole House Applications

Designed for point-of-entry applications for bacteriologically contaminated water sources, to provide clean drinking water throughout the residence or facility

Atlas Filtri[®] Ultraviolet Sterilization System reduces bacteria. This unit is designed for point-of-entry and whole house applications and will last 12 months before the bulb and sleeve require replacement.

The unit's superior performance will meet the expectation for well water or municipal water applications. The reassurance and sense of security that your drinking water is protected is becoming more important to consumers.

As water makes the long trip from the treatment plant to you, many things can intrude on the quality and create a problem that can build over time.

Atlas Filtri[®] offers the best-in-class Ultraviolet sterilization unit in the ZA-LB5-101 . This superiorly designed unit is perfect to meet any water needs, no matter where you live.

The unit offers a small, sophisticated monitor that is automatically configured at start-up. This plug-and-play design offers the first of its kind in a UV monitoring system. This quick reference, full-color screen controller displays system status, lamp countdowns, warnings, and a QR code for a direct link to the web. Systems vary depending upon the model.

The unit is housed in a 316L stainless steel housing known as the reactor. The axial flow reaction allows for optimum efficiency and change-out of the lamp and sleeve without having to drain the housing system. Flow rates stated at 95% UVT at a dose of 30 mJ/cm².

The unit can be wall-mounted and is designed to accommodate flow rates up to 11 GPM. The maximum operating pressure is 150 psi at 104°F maximum temperature. The minimum operating temperature is 36°F. Standard inlet and outlet connections are 3/4" MNPT. The comes with a NEMA plug and is UL, ULC and NSF approved.

UV lamps are coated for consistent UV output throughout the life of the lamp. 10,000 hours LP-HO lamps, with splash-proof controller with constant electronic ballast.

Atlas Filtri is driven to providing our customer with the best available products to meet specific water treatment requirements. This is done by using the most advanced manufacturing and design methods. The international patents received come from a constant commitment to research and develop that result in new and innovative products.



Features

Specifications

- Designed for residential or light commercial Applications
- Flow rate up to 11 GPM
- 3/4" MNPT inlet and outlet fitting connection
- Designed to be wall mounted
- Simplistic and easy to use monitor
- Color Screen
- Lamp Count Down
- Lamp Change-out Alarm Audible & Visual
- NEMA 5/15, 3 wire for 110V/50-60Hz
- Lamp and sleeve replacement at 12 months

Materials:

Housing Material: Stainless Steel 316
Glass Sleeve: Crystal

Working Conditions:

Temperature Range: Min: 36°F | Max: 104°F
Flow Rate Range: 11 GPM Maximum Flow Rate
Pressure: 150 PSI Maximum working pressure
Weight: 15 lbs
Dimensions: 2.5" O.D. x 40" Length



System Tested and Certified by NSF International against CSA B483.1 and NSF/ANSI 55 for Disinfection Performance, Class A

Learn more at us.atlasfiltri.com

PRODUCT SPECIFICATION and PERFORMANCE

Listed UV sterilization unit

Model	Description
ZA-LB5-101	UV System with Monitoring System Design

UV Replacement Components

Lamp	RL-420
Sleeve	RQ-420

Optional UV Systems Components

Filtration Options



ZC1802746

20 GPM

Sediment-Scale Pre-Filter
Carbon Block Post Filter
(Filters Included)



ZC-UV-1020-SA-CT

8 GPM

Sediment-ScaleArmor™ Pre-Filter
Carbon Block Post Filter



ZC-UV-2020-SA-CT

15 GPM

Sediment-ScaleArmor™ Pre-Filter
Carbon Block Post Filter



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Atlas Filtri North America LLC

1068 North Farms Road, Building 3, Wallingford, CT 06492, USA

Office +1 (203) 284-0080 - Fax +1 (203) 294-9226 – email: atlasfiltrinorthamerica@atlasfiltri.com

A Company of the Atlas Filtri Group. World headquarters and production facilities located in Italy.