



IDEAL
FOR



Homes



RVs



Marine



Off-Grid

Safe Water Made Easy



Safe & Convenient

Access to safe drinking water with very low maintenance requirements



Eco-Friendly Solution

Chemical-free water treatment that eliminates the need for plastic water bottles



Proven Technology

Combines the reliable technologies of UV disinfection and LED lights



No Mercury Contamination

Unlike UV-Lamps, our products don't contain Mercury, eliminating contamination risks.



The Acuva Eco 1.5 Water Purifier

1.5 L/min Flow Rate

Delivers a UV Dose of $> 16 \text{ mJ/cm}^2$



Certified by IAPMO against
NSF/ANSI 55 Class B
NSF/ANSI 372



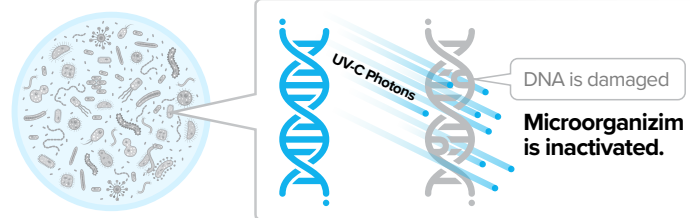
World's First
UV-LED Water Purifier
Certified to NSF/ANSI 55 Class B

Setting a new standard for UV-LED drinking water purification, the **Eco 1.5** is the first and only UV-LED drinking water purifier in the world to receive NSF 55 certification.

Available as a complete kit with pre-filter and faucet, or as a standalone device with and all essential installation components.

IntenseBeam™ Protects Your Family

Filters remove sediment, chlorine and odour but usually don't remove microbial pathogens smaller than 5 microns in size. Acuva's patented **IntenseBeam™** Technology inactivates any microorganism present in the water with powerful UV-LEDs, making them unable to infect or multiply.



Features

Smart faucet technology

Flow sensing activation

Flow regulation

Runs on 12V DC

Benefits

Built-in indicator light for real-time feedback

Only uses power when actively purifying water

Provides consistent purity

Compatible with solar or battery power

Advanced UV-LED Water Purification Solutions

acuvatech.com

With Acuva UV-LED water purification, you can rest assured that your family's drinking water is always safe & clean.

2-STEP WATER PURIFICATION ENSURES YOUR SAFETY

The **UV-LED Chamber** sterilizes up to 99.9% of harmful microorganisms.

The included **Composite Filter** (or any 5 Micron filter system of your choice) removes sediment and improves taste, odor and clarity.



Instant, On-Demand, Non-Chemical Purification • Ultra-Low Maintenance • LED Typically Lasts 10+ Years

UV-LED vs UV-Lamp

Conventional UV technology for drinking water treatment utilizes UV-Lamps. At Acuva, our systems utilize UV-LED for water treatment. This provides a number of advantages over typical UV-Lamp setups.



No Maintenance Costs

UV-LEDs do not require replacement



No Mercury Contamination

UV-LEDs do not contain Mercury like UV-Lamp



Low Energy Consumption

Consumes less than 2% of energy used by UV-Lamp



Sustained High Performance

Delivers consistent disinfection over product lifetime

Other Available Specifications (Non-Certified)

UV Doses Delivered	16 to 40 mJ/cm ²
Nominal Disinfection Flow Rate	1 to 3 L/min
Operating Voltage	10 to 16V DC
Typical Active Power Draw	8 W
Typical Standby Power Draw	0.1 W
Dimensions in (cm)	9.9 x 3.6 x 1.6 (25 x 9 x 4)
Connection Size	3.8" Female NPT
Warranty	2 Years

Validated NSF/ANSI 55 Class B Performance

Don't just take our word for it, the Eco 1.5 has passed material safety and structural integrity tests, while exceeding all microbial disinfection requirements.

Certification for NSF/ANSI 55 Class B: Ultraviolet Microbiological Water Treatment Systems, verifies that the Eco 1.5 effectively disinfects your drinking water with a minimum UV dose of 16 mJ/cm². This reduces normally occurring microorganisms in water to decrease the risk of water-borne disease.