



IntenseBeam Technology



Microbiologically-Safe & Convenient

Access to microbiologically-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™ ArrowMAX 2.0 UV-LED Water Disinfection System

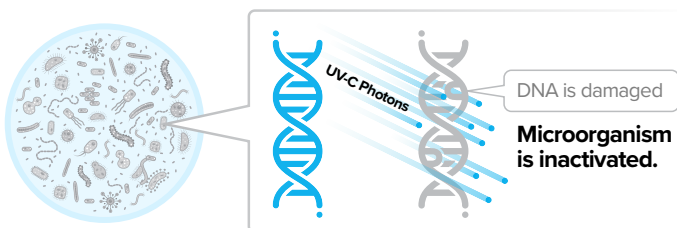
NSF/ANSI 55 Class 'B' certified at 2 L/min
(Delivers a UV Dose of > 16 mJ/cm² at device end of life)
>99.999% of *E. coli* inactivation at 6 L/min*

ArrowMAX 2.0 is Certified by IAPMO R&T Against:
NSF/ANSI 372 Drinking Water System Components - Lead Content

Enjoy instant, on-demand, non-chemical drinking water purification with low power requirements and without the drawbacks of legacy systems. This mercury-free system safely disinfects water without adding any chemicals to your drinking water.

The Acuva™ ArrowMAX 2.0 can dispense up to 120,000 liters of water in its lifetime, with 1,000 hours of LED life.

Complete with power adapter and all essential installation components included, the ArrowMAX provides high-performance UV water treatment without the need for ongoing lamp replacement. Compatible with any water appliance or faucet.



Advanced UV-LED Water Purification Solutions



NEXT-GENERATION INNOVATION DESIGNED IN CANADA



EPA Est. No.: 98339-CAN-1

ArrowMAX 2.0 is certified by IAPMO R&T to NSF/ANSI 55 Class "B" for the supplemental bacterial treatment of disinfected public drinking water or other drinking water that has been tested and deemed acceptable for human consumption by the state or local health agency having jurisdiction. The system is only designed to reduce normally occurring non-pathogenic nuisance microorganisms. Class B systems are not intended for treatment of contaminated water. It is also certified by IAPMO R&T to NSF/ANSI 372.

IntenseBeam Protects Your Family Against Bacterium and Virus in Your Drinking Water

Water 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 harmful microorganisms* present in your water with powerful UV-LEDs.

* The device disinfects >99.999% of *E. coli* at 6 L/min validated by SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

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

2-STEP WATER PURIFICATION ENSURES YOUR SAFETY

The **UV-LED Chamber** disinfects 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.



Reduced Maintenance Costs
POU UV-LEDs do not require replacement lamps & quartz cleaning



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

ArrowMAX 2.0 Features

FEATURES

BENEFITS

Performance Indication

Built-in indicator light for real-time feedback

Flow sensing activation

Only uses power when actively purifying water

Runs on 110V to 220V AC or 12V DC

Compatible with solar or battery power

Why Acuva?

Acuva Technologies Inc. is a world leader in UV-LED water purification systems. Acuva's patented, state of the art water disinfection technology is designed and manufactured in Canada.

We design, manufacture and integrate the most advanced, compact, energy efficient and ultra-low maintenance water purification systems possible to provide our customers with access to safe drinking water, anywhere they are.

All products are backed with exceptional customer service and a 1 year warranty.