



## Safe Drinking Water



### Safe to Drink & 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

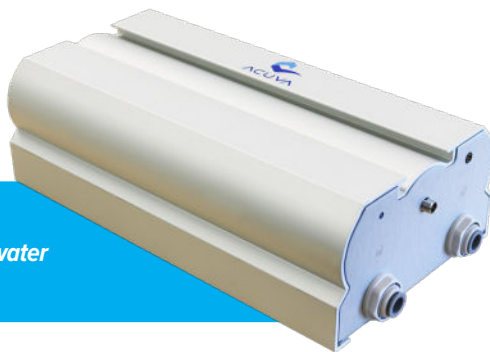
Unlike UV-Lamps, our products don't contain Mercury, eliminating contamination risks.



## The Acuva™ ArrowMAX 5.0 UV-LED Water Purifier

5 L/min Flow Rate

Enjoy instant, on-demand, non-chemical drinking water purification with low power requirements and without the drawbacks of legacy systems. Our UV-LED systems last 10 or more years with typical use, making it easy to access safe to drink water anytime you need it.



*Rest assured that your drinking water is always safe!*

Comes with 12 V DC or 110V/220V AC power adapter and all essential installation components, the ArrowMAX 5.0 will provide high-performance UV water treatment without the need for ongoing lamp replacement. Compatible with any water appliance or faucet.

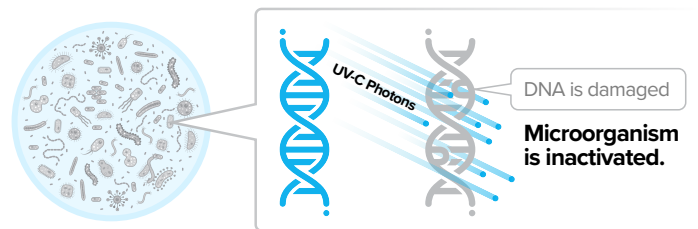
Our advanced pre-filter removes 99% of contaminants such as lead, heavy metals and chlorine, as well as turbidity and unpleasant odors and tastes. You will not have to replace it until 5000 gallons of water flow.

### Advanced UV-LED Water Purification Solutions

NEXT-GENERATION INNOVATION DESIGNED IN CANADA

### IntenseBeam™ Protects Your Family

Filters remove sediment, chlorine and odor 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

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

## 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



### 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

UV Doses Delivered	>16 mJ/cm <sup>2</sup>
Nominal Disinfection Flow Rate	5 L/min
Operating Voltage	11 to 16 V DC
Maximum Active Power Draw	60 W
Typical Standby Power Draw	0.1 W
Dimensions in (cm)	11 x 6.5 x 3.5 (28 x 16 x 9)
Connection Size	3.8" Push-to-Connect
Warranty	1 Year

## Who We Are

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.