

PRODUCT CATALOG



PURE LIVING

Advanced UV-LED Water Purification Solutions

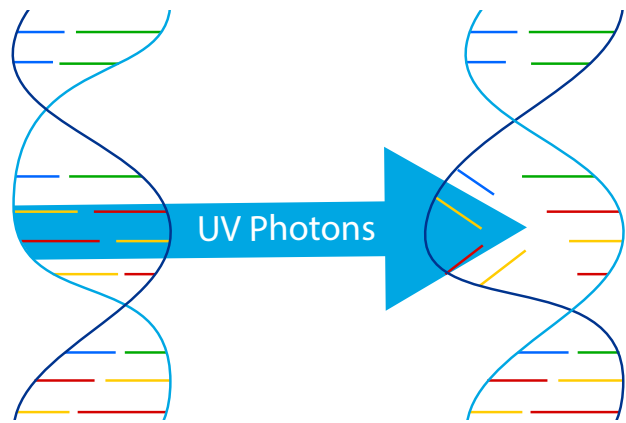
700-1400-01



FILTEC
Making Water Safer

UV-LED Water Purification Systems

The perfect water purifiers for your home and office.



Pic 1. Microorganism's DNA damaged by UV light

Powered by Acuva's patented *IntenseBeam™* Technology

Acuva's patented IntenseBeam™ technology inactivates harmful microorganisms present in your water with powerful UV-LED light. Acuva's UV-LED products are proven to offer up to 6-log of microorganism reduction (up to 99.9999% disinfection). Unlike reverse osmosis systems, Acuva™ water purification systems don't remove healthy minerals present in water which are necessary for human health, and don't waste water.



Acuva
Technologies Inc.

02




The Highest Standard of Water Purification

The Acuva system employs a two-stage process to purify water. First, water is treated by an Advanced Pre-Filter that removes sediment, chlorine, and reduces fluoride and heavy metals like lead, mercury and other contaminants up to 99%. Then, water is purified by the Acuva™ UV-LED unit to remove up to 99.9999% of bacteria and viruses (up to 100x more effective than regular water purifiers).

- 1) The included Advanced Pre-Filter removes sediment and improves taste and clarity.
- 2) The UV-LED Chamber disinfects up to 99.9999% of harmful microorganisms.



Key Features of Acuva Products

-  **Drinking water is always safe**
Whether you're at home or travelling off-grid you will have easy access to on-demand clean drinking water.
-  **Ultra-low maintenance**
No lamp replacements and no hassle.
-  **Low power consumption**
Uses 90% less power than equivalent UV-lamp water treatment systems.

Providing Worry-free Drinking Water

With Acuva™ UV-LED water purification systems, you can be assured that your drinking water is microbiologically safe and clean. Our water purifiers can eliminate up to 99.9999% of bacteria, viruses and cysts, providing safe drinking water straight out of your tap.



Improves Water Quality



Improves Taste & Removes Odor



Maintenance Free



Chemical Free

Acuva
Technologies Inc.

03

ACUVA Products For Homes

A single Acuva unit can pay for itself in less than a year while significantly reducing the need for more than 100,000 single-use plastic water bottles in its lifetime.

ArrowMAX 2.0

Single point-of-use for homes.
Powered with 120-240V AC.
Compatible with 12V DC or solar power.
Flow rate: 2.0 L/min

Certification: NSF/ANSI 55 Class 'B' & NSF/ANSI 372
Part number*: ARROWMAX2



Arrow 5

Multiple point-of-use for larger homes.
Powered with 120-240V AC.
Compatible with 12V DC or solar power.
Flow rate: 5.0 L/min

NSF/ANSI 55 Class 'B' Compliant
Part number*: ARROWMAX5



*These part numbers include the Advanced Pre-Filter and the Smart Faucet.

ArrowMAX HOME

Whole home point-of-entry water treatment system.
Designed to provide water to all faucets, showerheads
and waterlines in a home.
Monitor from the Acuva Connect mobile app.
Powered with 120-240V AC.
Compatible with 12V DC or solar power.
Flow rate: 32.0 L/min
Requires pre-filtration which is sold separately



Certification: NSF/ANSI 55 Class 'B' Compliant**
Part number: ARROWMAXHOME



**Certification pending

Additional Components

Smart Faucet

Indicator LED Ring, Brushed Nickel or Black

Acuva™ UV-LED point-of-use water purifiers are activated the moment you turn on the faucet, saving you valuable energy. When the blue light is on, you can be assured that the system is working effectively to provide you with safe drinking water. The system is integrated with a self-cleaning feature that activates every 12 hours. A UV burst ensures all water within the UV-LED purifier is disinfected. The UV-LED lights stay on for an additional 5 seconds after activation, to ensure any water partially traveling through the unit is free from microbial contaminants.



Advanced Pre-filter for up to 2L/min

- Compatible with ArrowMAX 2.0
- NSF 42 (reduction of chlorine, taste, odor)
- NSF 53 (reduction of lead, cysts, and VOC)
- Replace after 5700 litres of water flow or every 6 months
- Part number: ARROWMAX2AF



Advanced Pre-Filter for more than 2L/min

- Compatible with Arrow 5
- NSF 42 (reduction of chlorine, taste, odor)
- NSF 372 (lead free compliance)
- BPA-free
- Replace after 15000 Litres of water flow or every 6 months
- Part number: ARROWMAX5AF



ACUVA™ UV-LED SYSTEMS VS. ALTERNATIVE WATER TREATMENT SOLUTIONS

Contaminant	Sediment Filter	In-line Carbon Filter/ Modified Carbon	CAC with KDF	Solid Block Carbon	Ceramic	Reverse Osmosis	UV Lamp	UV-LED	Acuva UV-LED Systems with Advanced Filters
Taste/Odor Issues		✓	✓	✓	✓				✓
Chlorine	✓	✓	✓	✓	✓	✓			✓
Sediment	✓	✓		✓	✓	✓			✓
Arsenic					✓	✓			✓
Lead and Heavy Metals			✓		✓	✓			✓
Fluoride					✓	✓			✓
Chloramines					✓	✓			✓
Cysts				✓	✓	✓	✓	✓	✓
Bacteria					✓	✓	✓	✓	✓
Viruses							✓	✓	✓

UV-LED Purification

- ✓ Effective for disinfecting all types of bacteria and viruses
- ✓ Works on low pressure (even at 12 psi water pressure)
- ✓ Kills bacteria and viruses
- ✓ Low maintenance
- ✓ Does not waste water
- ✓ Keeps healthy minerals in water
- ✓ Compact
- ✓ No need for storage tank
- ✓ Low cost of ownership

Reverse Osmosis

- ✗ Not effective for all bacteria and viruses due to water bypass and large pore size
- ✗ Requires high water pressure (require at least 40 psi)
- ✗ Bacteria and viruses are trapped in membrane
- ✗ High maintenance due to frequent replacement of cartridges
- ✗ Up to 70% of water wasted
- ✗ Removes healthy minerals
- ✗ Bulky
- ✗ Needs a storage tank
- ✗ High cost of ownership

Notes

NZ AU Distributor

FILTEC

filtecwater.com

NZ Phone: 09 274 4224

AU Phone: 1300 FILTEC

FILTEC
Making Water Safer



Acuva Technologies Inc.

Unit 1 - 3771 North Fraser Way, Burnaby, BC. Canada V5J 5G5



#acUVatech

@acuvatech