

Product Catalog

Advanced UV-LED Disinfection Solutions



WE LEVERAGE OUR
PASSION, INNOVATION AND
EXCELLENCE TO DESIGN
AND MANUFACTURE THE
WORLD'S MOST ADVANCED
AND ACCESSIBLE **UV-LED**
DISINFECTION PRODUCTS

PoU WATER DISINFECTION SYSTEMS



Water Disinfection

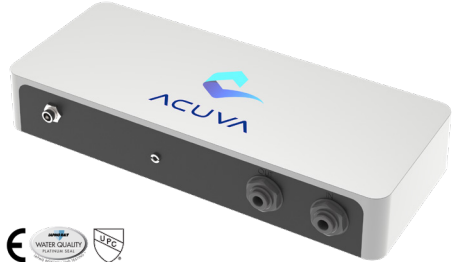
ECO NX-SILVER

UV-LED Water Purifier

The Eco NX-Silver is the most powerful, yet compact and light-weight water purifier ever designed. You can easily install an Acuva unit under the sink for worry-free point-of-use drinking water. Unlike other water purification units in the market, Acuva systems eliminate up to 99.9999% of all kinds of bacteria and viruses, which can go undetected by average filters. You can drink from any water source with an Acuva water purification system.



Compatible WITH or WITHOUT the Smart Faucet



Certified by IAPMO R&T Against:

NSF/ANSI 55 Class 'B' Ultraviolet Microbiological Water Treatment Systems

NSF/ANSI 372 Drinking Water System Components - Lead Content



Safe & Convenient



Eco-Friendly Solution



Advanced Technology



No Mercury Contamination

Specifications

Flow Rate	1.2L/min	Max. Water Temperature	40°C
Dose Delivery	>16 mJ/cm ²	Max. Working Pressure	100 PSI
Water Inlet Fitting	¼" OD Push-to-Connect	Minimum Working Pressure:	12 PSI
Water Outlet Fitting	¼" OD Push-to-Connect	LED Life-time (on demand)	1,000 hr
Power Consumption	Approx. 14W (Active)	Max. Ambient Relative Humidity	70%

What's In the Box



Smart Faucet with Indicator Light



Composite In-line Water Filter



Mounting Equipment



Plumbing Supplies



Power (AC or DC)

ArrowMAX 1.0

UV-LED Water Purifier

The ArrowMAX 1.0 is our entry level product for cost sensitive customers. It is compact, light-weight and designed with advanced UV-LED technology. You can easily install an Acuva unit under the sink for worry-free point-of-use drinking water. This unit can sterilize up to 99.9999% of bacteria and viruses, which can go undetected by average filters.



Compatible WITH or WITHOUT the Smart Faucet



Certified by IAPMO R&T Against:

NSF/ANSI 55 Class 'B' at 1L/min

NSF/ANSI 372 Drinking Water System Components - Lead Content



Safe & Convenient



Eco-Friendly Solution



Advanced Technology



No Mercury Contamination

Specifications

Flow Rate	1 L/min	Max. Water Temperature	40°C
Dose Delivery	>16 mJ/cm ²	Max. Working Pressure	100 PSI
Water Inlet Fitting	¼" OD Push-to-Connect	Minimum Working Pressure:	12 PSI
Water Outlet Fitting	¼" OD Push-to-Connect	LED Life-time (on demand)	1,000 hr
Power Consumption	Approx. 14W (Active)	Max. Ambient Relative Humidity	70%

What's In the Box



Smart Faucet with Indicator Light



Composite In-line Water Filter



Mounting Equipment



Plumbing Supplies

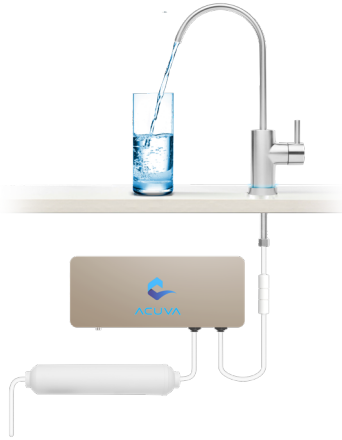


Power (AC or DC)

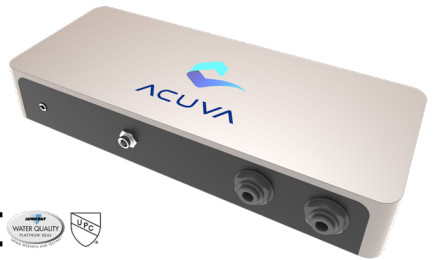
ArrowMAX 2.0

UV-LED Water Purifier

The ArrowMAX 2.0 is the upgraded version of ArrowMAX 1.0 that provides a higher flow rate with the same disinfection. Unlike other water purification units in the market, Acuva systems eliminate up to 99.9999% of all kinds of bacteria and viruses, which can go undetected by average filters. You can drink from any water



Compatible WITH or WITHOUT the Smart Faucet



Certified by IAPMO R&T Against:

NSF/ANSI 55 Class 'B' at 2L/min

NSF/ANSI 372 Drinking Water System Components - Lead Content



**Safe &
Convenient**



**Eco-Friendly
Solution**



**Advanced
Technology**



**No Mercury
Contamination**

Specifications

Flow Rate	2 L/min	Max. Water Temperature	40°C
Dose Delivery	>16 mJ/cm ²	Max. Working Pressure	100 PSI
Water Inlet Fitting	¼" OD Push-to-Connect	Minimum Working Pressure:	12 PSI
Water Outlet Fitting	¼" OD Push-to-Connect	LED Life-time (on demand)	1,000 hr
Power Consumption	Approx. 14W (Active)	Max. Ambient Relative Humidity	70%

What's In the Box



Smart Faucet with
Indicator Light



Composite In-line
Water Filter



Mounting
Equipment



Plumbing
Supplies



Power
(AC or DC)

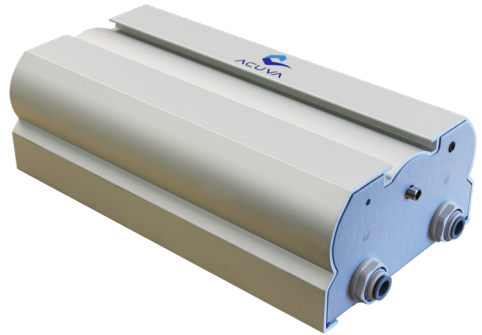
ArrowMAX 5.0

UV-LED Water Purifier

This is our second largest purification system which can supply multiple sources of clean water. This provides you with the capacity to hook up the system to your drinking water faucets, ice maker, kitchen faucet, and washroom faucet. The ArrowMAX 5.0 can dispense up to 900,000 liters of water in its lifetime, lasting up to 10 years.



Compatible WITH or WITHOUT the Smart Faucet



Safe & Convenient



Eco-Friendly Solution



Advanced Technology



No Mercury Contamination

Specifications

Flow Rate	5L/min	Max. Water Temperature	40°C
Dose Delivery	>16 mJ/cm ²	Max. Working Pressure	100 PSI
Water Inlet Fitting	3/8" OD Push-to-Connect	Minimum Working Pressure:	40 PSI
Water Outlet Fitting	3/8" OD Push-to-Connect	LED Life-time (on demand)	3,000 hr
Power Consumption	Approx. 60W (Active)	Max. Ambient Relative Humidity	70%

What's In the Box



Smart Faucet with Indicator Light



Composite In-line Water Filter



Mounting Equipment



Plumbing Supplies



Power (AC or DC)

ADDITIONAL COMPONENTS INFORMATION

Our systems come complete with in-line pre-filters and the option to purchase with or without the Acuva Smart Faucet.

Smart Faucet



The **Eco NX** and **Arrow** units can be installed with our smart faucet (also compatible with other faucets).

The system is activated the moment you turn on the faucet. This saves you valuable energy, unlike traditional UV lamps that always have to be on. When the blue light is on you can be assured that the system is working effectively to provide you with safe drinking water.

Pre-Filters



The **Eco NX units** comes with the choice of either a **Standard Pre-Filter** or an **Advanced Pre-Filter**.

The **Arrow units** comes complete with only the **Advanced Pre-Filter**.

STANDARD PRE-FILTER

Lasts up to 1000 gallons and removes chlorine, sediments, odor and taste.

ADVANCED PRE-FILTER

Lasts up to 4000 gallons and removes lead, heavy metals, chlorine, mercury, carcinogens, and other contaminants, as well as turbidity, unpleasant odors and tastes

Power Supply

Our systems can run on both 12V-DC or 120-240V AC.

For most homes running on grid power, the best choice is the 120-240V AC. For most RVs, boats and other motorhomes running on battery power, the best choice is 12V DC.



SOLARIX

UV-LED Portable Disinfection Device

Surface Disinfection

SOLARIX

UV-LED Portable Disinfection Device

The Acuva™ SOLARIX is a UV-LED portable disinfection device that disinfects >99.9% of SARS-CoV-2 and the Human Coronavirus 229E in less than 10 seconds. It is ergonomic and compact for enhanced safety of user, with a visible illuminated mapping that shows the area that is being disinfected.



>99.9% disinfection against SARS-Cov-2 and Coronavirus 229E validated by InterTek and CUBRC INC, Buffalo, New York - A Biosafety Level 3 laboratory facilities certified by the Centers for Disease Control (CDC).



Kill Viruses & Bacteria in Seconds



Chemical-Free



Latest UV-C Technology



Safety Features

Features & Benefits



VISIBLE BLUE LED MAPPING TO SHOW DISINFECTION AREA



180-270° ADJUSTABLE POSITIONING



POWERFUL UV TO DISINFECT SARs-CoV-2



COMPACT AND FOLDABLE



HEAT SINK TO ENSURE OPTIMAL OPERATION OF UV-LEDS

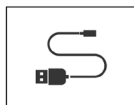
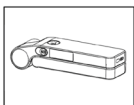


RECHARGEABLE BATTERY - 1 HR OF ACTIVE BATTERY LIFE

Specifications

UV Dose	16mJ/cm ² at 5cm distance in 10 seconds
Power Consumption when in use	5W
Charging Electrical Specifications	5C, 1A
Battery Capacity	3200mAh
Battery Chemistry	Lithium Polymer
Charging Port	USB-C

What's In the Box





#acUVatech

@acuvatech

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acuvatech.com