

# Drinking Water Faucet

The BluAct “All-in-one water purifier cartridge” for ultimate water filtration. BluAct Technologies has the solution for you. Drinking water faucet capable to filter all the pollutants you might find in your tap water without any electricity.

## Certifications

Heavy metals: Removal efficiency meets (and greatly exceeds) NSF53 Certification standards and has been validated by numerous field studies across Asia, Europe and America. Certified by Swiss Government (Labor Spiez); Indian government (Council of Scientific and Industrial Research, CSIR-NGRI).

Food contact certification: all components used in our technologies are in compliance with food-contact legislation.

BluAct cartridges are able to remove most microbiological contaminants: for example 7.5 Logs reduction of the E-coli concentration in the most microbiologically challenge and polluted water sources. Certified by World Health Organization (WHO).

## Some Representative Removal efficiencies:

### Natural and waster-water heavy metals

Arsenic (V & III):	99.9 %
Lead	: 99.9 %
Mercury	: 99.5 %
Nickel	: 99.8 %
Chromium	: 99.2 %
Aluminium	: 98 %

### Precious metals removal and recovery

Gold cyanide and chloride:	99.6 %
Platinum	: 99.9 %
Silver	: 99.8 %
Palladium	: 99.8 %

### Radioactive Pollutants

Technetium (Tc-99m)	: 99.9 %
Iodine (I-123)	: 99.9 %
Gallium (Ga-68)	: 99.8 %
Lutetium (Lu-177)	: 99.9 %
Iodine (I- 131)	: 99.9 %
Uranium	: 99.3 %
Cesium (Cs-137)	: 99.7 %
Phosphorous (P-32)	: 99.8 %

### Organic Pollutants

Acetoamenophene	: 99.9 %
Desethylatrazine	: 99.9 %
Acesulfame	: 99.9 %

### Other Pollutants

PFAS and Micropollutants > 97%

BluAct “Drinking water Faucet” device has a faucet attachment and a diverter valve: you can instantly filter water directly at the point of use. With the diverter valve attached to the faucet, you can choose when to filter water to avoid any waste of filtered water and extend the lifetime of the cartridge. Real time monitoring water flowing and alarm to know exactly when to change the filter. The device is easy to install; no need of plumbing, it hooks to the standard faucets in a minute and it is fully portable.



### **Advantages:**

- Ultimate portable All-in-One filtration: Removes heavy metals, organic pollutants (pesticides) and microbiological pollutants.
- Easy to Install and easy to use: No need of plumbing
- Instant filtration: Faucet attachment with diverter valve
- Digital flow meter: real time monitoring alert for change of the filters
- Decoloration, deodorization, neutral taste of the water.
- Harmones, Chlorine and other trace elements removal.
- No electricity or additional energy is required.
- No additional remineralization is required.
- 100 % throughput of water. No waste!

### **Technical specifications**

Best performance Flow rate:	0.8 Liter / min
Membrane pore sizes:	0.1 $\mu\text{m}$
Approximate differential pressure	0.5 bar

### **Sterilization**

The cartridges should be sterilized with hot water or chlorinated water first time used. Clogging can be removed by back flushing.

### **Safety**

No adverse effects are known when the product is used in accordance with its intended purpose. Storage, handling and transportation are not hazardous to humans or the environment. The cartridges should be stored in original packaging in a dry and odorless place, protected against UV radiation. The cartridges should be used within 36 months of the date of production. The cartridges need to be disposed according the national regulations.

# EASY TO INSTALL & PORTABLE



*No need of plumbing,*

*it hooks to standard faucets in minutes.*

Just filter what you need, when you need it. With the diverter valve attached to the faucet, you can choose when to filter water. Use clean filtered water to prepare your favorite drinks, from your coffee/tea in the morning to your detox waters to stay hydrate all day long. Don't forget to use safe filtered water to rinse your veggies and fruits.

# INSTANT filtration.

**Just** filter what you need, when you need it.



Thanks to the faucet attachment and the diverter valve, you can instantly filter water directly at the point of use.

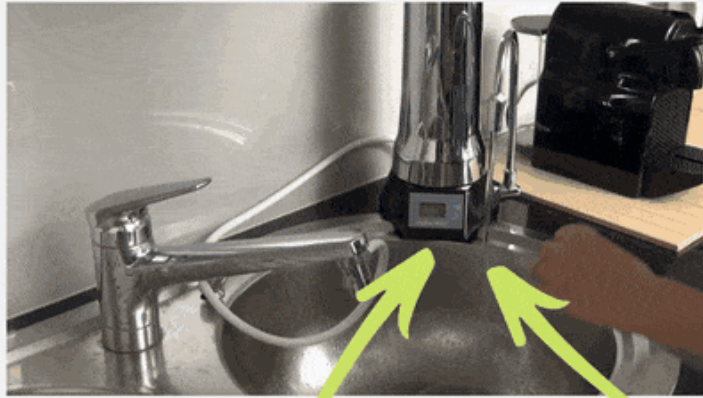
**Faucet attachment  
With diverter valve.**

# KEEP CONTROL

Health is everything.

Stop guessing when to  
replace your filter

Real-time monitoring water flowing  
and alarm to know exactly when to  
change the filter. It's better for your  
health, for your pocket and for the  
planet.



LCD display  
Digital flow-meter

Audible  
Alarm