

WATER HYGIENE SUPPLEMENTAL DISINFECTION SYSTEMS

EPI SYSTEMS COPPER-SILVER IONIZATION

Water Safety at its Simplest

EPI Ionization is an EPA registered water treatment technology for the control of Legionella pneumophila in potable water

Using electrical current and normal system flow, the EPI System introduces copper and silver ion into the water system which act as a biocide

EPI's exclusive Copper Silver Monitor provides around-the-clock peace of mind

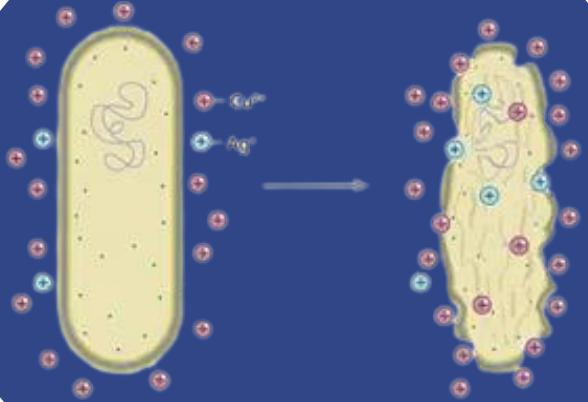
- Real-time adjustments based on ion levels
- Automated alerts
- Long-term support
- Lifetime remote software updates
- Touchless Service Agreements



The Biocidal Mechanism of Copper/Silver

Copper and silver are toxic to microorganisms

- Binds to the cell surface causing membrane dysfunction
- Uptake through the nutrient/respiratory systems leads to internal cell leakage
- Distorts DNA
- Denatures protein
- Can lead to Reactive Oxygen Species (ROS) formation causing damage to DNA and protein



Safe Simple Effective Legionella Control

Mineral-based water treatment
No chemical byproducts
Copper is an essential daily mineral
Silver has no toxic profile for people

No mixing of chemicals
No chemical precursors
On-site service by Earthwise available

Works across all temperatures
Remote monitoring protects your
facility around the clock

Customized for Your Facility Ready to Ship in Days



Whether a planned supplemental disinfection upgrade or response to an outbreak

An EPI System can be on-site and disinfecting your water supply within 48 hours

Systems are manufactured in the US using quality parts

Contact Us

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