

## WATER HYGIENE SUPPLEMENTAL DISINFECTION SYSTEMS

### EPI SYSTEMS COPPER-SILVER IONIZATION

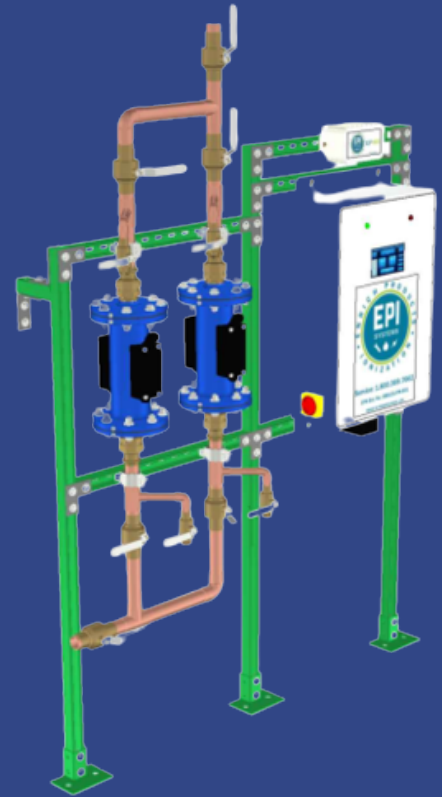
#### Water Safety at its Simplest

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

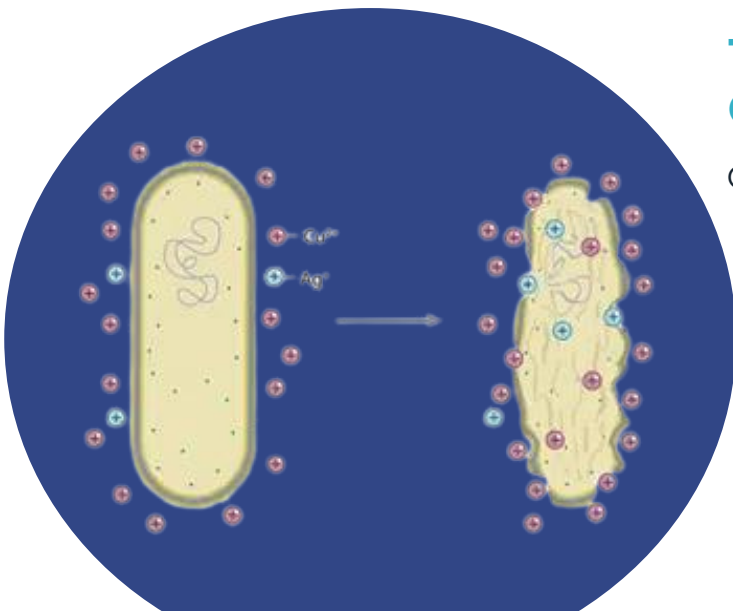
- Real-time adjustments based on ion levels
- Automated alerts
- Long-term support
- Lifetime remote software updates
- Touchless Service Agreements



#### 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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