

PuriStream™ Water Treatment System



Safeguard Your Equipment



**Factory integrated
and pre-wired for
easy setup**

**On-demand biocide
generation eliminates
dependency on
drum-based
chemical systems***

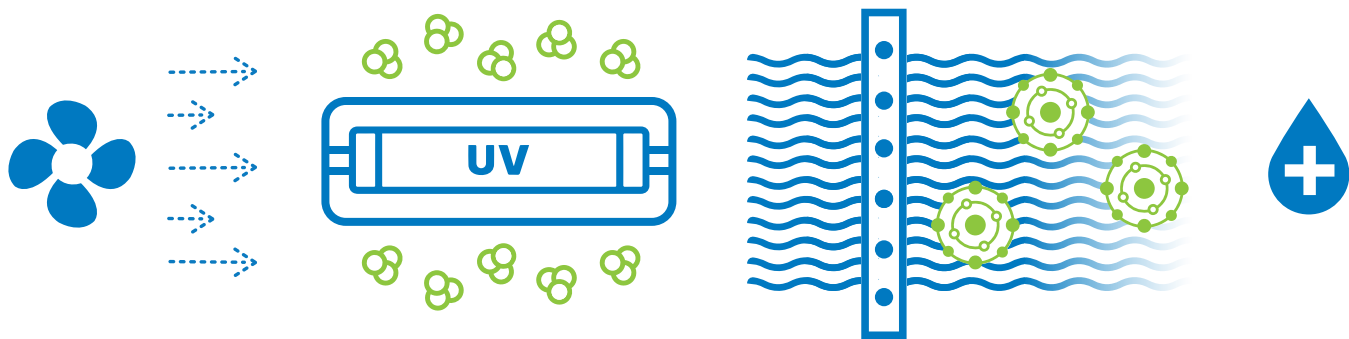
**Disinfect spray
water ****

Currently available for
Nexus® modular hybrid cooler

Safeguard your equipment

The PuriStream™ water treatment system maintains water quality without reliance on liquid chemical treatments typically used to prevent biological contamination*. With an advanced in-situ oxidant generator and balanced dosage control, PuriStream™ supports safer, more sustainable water management while helping protect equipment performance.

How it works



Fresh Air Meets Innovation

- Draws in air and channels it through a chamber powered by a sustainable UV light

Creating Nature's Most Powerful Disinfectant

- As oxygen passes the UV light, it's split into single atoms that combine into advanced oxidants, nature's ultimate disinfecting agents
- These oxidants are then infused into cooling water through a precision diffuser

Rapid Action Against Pollutants

- Once in the water, these oxidants spark a chain reaction, forming hydroxyl and oxygen radicals
- These radicals aggressively target bacteria and impurities, to provide fast acting biological control

Protection Without Harsh Chemicals**

- Some radicals bond with water to create hydrogen peroxide, a gentle yet effective disinfectant that keeps working long after the initial treatment
- Unlike chlorine or bromine, it's safer for the environment, your system, and you

****Disclaimer:** Water quality performance in heat rejection equipment such as cooling towers is dependent upon an owner's strict adherence to all proper maintenance and operating procedures and BAC's water quality guidelines. Additionally, periodic water testing may be required to meet ASHRAE Standard 188/Guideline 12 (and/or ASSE 12080) as well as local regulations.

*For most cases, anti-scaling and anti-corrosion chemical treatments will be unnecessary.

10+

Manufacturing Facilities

Global Standards,
Local Manufacturing

1000+

Patents

Cooling Solutions,
Patented Worldwide

150+

Global Sales Network

Expert Care,
Committed Personally

85+

Years, Est 1938

Sustainable Philosophy,
Global Responsibility