

IMPROVING COOLING/WARMING TUNNEL PERFORMANCE

clear:itas®
safer. cleaner. better.®

THE PROBLEM

In cooling and warming tunnels, biofouling builds up and creates pressure loss across heat exchanger plates despite regular clean in place (CIP) programs. Frequently, fouled exchangers must be manually disassembled and cleaned to restore performance. Using strong chlorine solutions as an alternative to manual cleaning does not prevent the exchangers or sprayers from clogging and it contributes to corrosion and reduced life of equipment.

THE SOLUTION

Clean out biofouling and keep it clean with Clearitas – a Kosher, NSF 60 certified safe cooling and warming water additive that eliminates and controls deposits and biofouling to reduce maintenance downtime, improve heat exchange and sprayer performance, reduce bacteria numbers, and reduce the use of corrosive chemicals.

Clearitas maintains its performance integrity within a wide range of water conditions and removes biofouling without changing water corrosivity. The total effect is longer equipment life, reduced maintenance man-hours, improved heat exchanger performance, and improved water safety. This fast-acting solution can be applied with low up-front capital costs and minimal maintenance.



THE BENEFITS

Clearitas is a powerful, economical solution that effectively removes biofouling and improves performance throughout the entire system. Clearitas can be used to:

- Reduce bacteria numbers
- Remove biofilm build up in the tunnel
- Eliminate heat exchanger fouling
- Reduce the use of corrosive chlorine
- Extend time between CIP cycles
- Reduce maintenance man-hours
- Clear clogged sprayers
- Optimize heat transfer

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Blue Earth Products is a specialty chemical manufacturer with a full line of products specifically engineered to extend the operational life and efficiency of any water infrastructure by removing organic and inorganic contaminants.

blueearthproducts
the science of safe water®

For more information, please call: 1.800.259.4456
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