
Superior Industrial Water Conditioners

Superior Manufacturing



Superior manufactures non-chemical water treatment systems to prevent scale build-up in cooling towers, boilers, and similar applications. Superior systems use a permanent "multiple-pole multiple-field magnet" to encourage calcium carbonate to precipitate as a powder in the bulk solution rather than as calcite scale that can reduce heat-transfer efficiency. Superior, a 40-year-old company, was one of three systems found to be effective for scale control in an ASHRAE 2002 research project on non-chemical treatment methods. Superior claims only scale prevention, not bio-film elimination; however the company says that some users have successfully used the system without additional bio-controls. The auxiliary Environmentalist 2000 system removes suspended solids with a centrifugal separator, reducing

water use for daily system bleed by up to 30%–40%. The Environmentalist Zero-Bleed 2000 system additionally incorporates sock filter technology to eliminate daily bleed requirements.

What makes this product green:

- [Building components that reduce heating and cooling loads](#)
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Links to manufacturer website

- [General Information:](#)
http://www.superiorwaterconditioners.com/product_listing.aspx
- [Technical Data:](#)
http://superiorwaterconditioners.com/our_technology.aspx

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This information was last verified on 7/24/09.

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