

SCALEBLASTER®

WATER CONDITIONER

Sustainable Solutions to Hard Water Problems

APPLICATIONS

CLM-529



HVAC Applications

Cooling Towers - ScaleBlaster will control lime scale deposits on the tower fill, sump tank, spray headers, valves, pumps, and pipes. **MineralPURE**, our Copper/Silver ionizer, will kill algae and bacteria.

Condensers, Chillers, Air Handlers, Hot Water Heaters and Boilers - ScaleBlaster will control lime scale deposits on heat exchanger tubes, heat exchanger surfaces, heating coils, heating tanks, boiler fire tubes, condensation tank, pumps, pipes and valves.

Huge Water Savings - With the increased cycles of concentration, the savings in water usage will be substantial.

Prevents Limescale Formation - **ScaleBlaster** will modify the lime scale-forming ions so they do not adhere to each other or to surfaces anywhere in the cooling tower/HVAC system.

Reduces Maintenance & Downtime - **ScaleBlaster** will significantly reduce overall cooling tower maintenance and downtime. Adding chemicals, balancing water chemistry and cleaning shutdown will be greatly reduced.

Chemical Reduction - **ScaleBlaster** will significantly reduce the need to use chemicals for the prevention of corrosion and limescale in the cooling tower/HVAC system.

Eliminates need for a water softener - **ScaleBlaster** can effectively eliminate the need for a water softener to control limescale issues. The savings in water, salt, labor and capital equipment is substantial.

Reduces Corrosion - **ScaleBlaster** allows for increased cycles of concentration which naturally and gently elevates the pH of the recirculating water, thereby rendering the water less corrosive. **ScaleBlaster** controls scaling potentials, which lessens troublesome corrosive cell formations of calcium, iron deposits on the metal surfaces.

Controls Biofilm - **ScaleBlaster** helps control biofilm formation where bacteria can actively attack all metal surfaces.

Increases Cycles of Concentration - By allowing the conductivity levels to go much higher, you will be able raise the cycles of concentration significantly.

Controls Algae & Bacteria - **ScaleBlaster** will help control algae and bacteria by eliminating their breeding ground – limescale deposits. The modified calcium crystals and higher COC help to retard algae and biofilm formations.

Huge Energy Savings - By removing the lime scale formation, huge energy savings are realized. Just a $\frac{1}{4}$ " buildup of limescale can increase energy consumption by 40%.

Improves Efficiency - **ScaleBlaster** keeps heat transfer surfaces free from scale allowing the cooling system to operate under optimal design conditions.

Extends life of the cooling tower/HVAC equipment - **ScaleBlaster** will extend the life expectancy of the capital equipment by keeping the equipment working efficiently without chemicals or salt.

Environmental benefits - Discharge water regulations have made the disposal of chemically treated water a regulatory concern. **ScaleBlaster** is non-invasive and adds nothing to the water, simplifying your compliance measures. This eliminates the risk of pollution caused by chemicals that are released into our environment through spray, drift, discharge and spills.



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ScaleBlaster.com
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Manufactured by

