

Evaporative Air Coolers



Hard water problems and scaling are never more evident than to owners of evaporative coolers. Better known as “swamp coolers”, most home owners and businesses in the western United States rely on these systems for air cooling during the hot summer months. However, hard water causes severe scaling that requires constant maintenance and replacement of the filter pads.

Scale build-up on evaporative cooler system on the Gila River Housing Authority, an Indian Tribe in New Mexico. The filter pad is completely scaled up in just one month and needs to be cleaned or replaced periodically. When the pad is clogged up, the air flow reduction increases humidity which reduces the efficiency and effectiveness of the air cooler. The corrosion rate increases with scale buildup, causing considerable depreciation of all cooler parts including the blower, brackets and pumps.



A SOLUTION...



By simply installing the SB-25 ScaleBlaster™ unit on the recirculating line, you can enjoy these benefits...

- No longer do you have to climb up on your roof every month to clean or exchange the filter pads.
- Save \$\$\$ on service calls, cooler parts and filter pads.
- Stops bleed line from clogging up which causes higher TDS levels and more scaling.
- Allows the air cooler to function at its maximum potential all the time--providing you with maintenance-free cool air!



ONE MONTH OF SCALE DEPOSITS



TEN DAYS AFTER PAD WAS HOISTED OFF AND SCALEBLASTER INSTALL



THIRTY-NINE DAYS AFTER INSTALL



NINETY-FIVE DAYS AFTER INSTALL

GOING...

GOING...

GOING...

GONE!!!

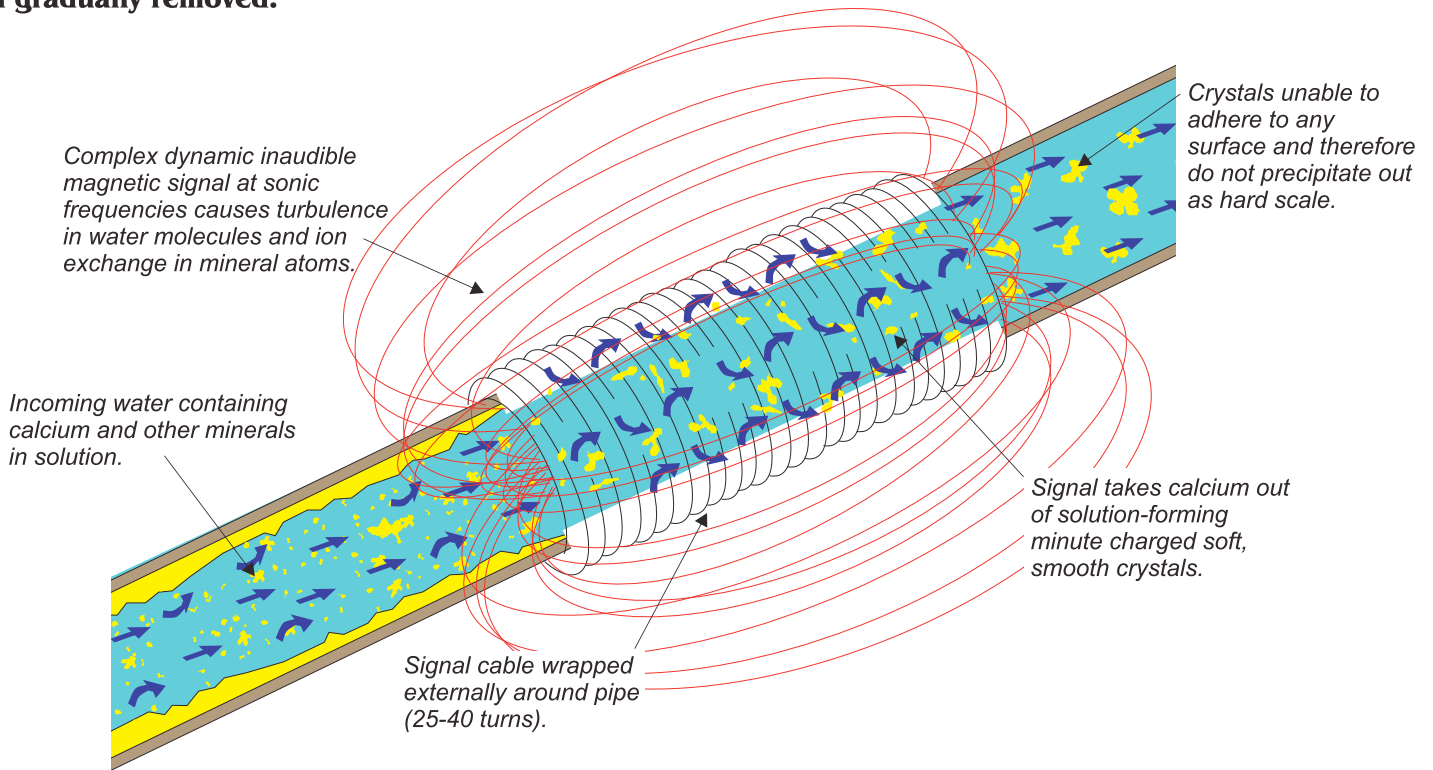
SCALE BLASTER™

ELECTRONIC DESCALER

ScaleBlaster's signal cable produces an oscillating electric field using a unique and complex modulating frequency wave form that produces an inaudible sonic impulse that changes the electrical and physical properties of the scale-forming calcium molecules. This causes the adhesive properties of the calcium carbonate crystals and other minerals to repel rather than adhere to pipes, fixtures and remain suspended in the water. This action stops any further build-up of scale and because the solubility of the water is increased, existing scale is taken back into the water and gradually removed.



- **Easily Installed**
- **No Plumbing**
- **No Hardware**
- **No Chemicals or Salt**



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