

Soft Wave™ Water Treatment System

Soft Wave is a non-chemical water treatment system that provides a number of cost-saving, and environmental benefits to businesses, city water infrastructures, industrial and commercial operations, and household consumers. Soft Wave dissolves and suspends minerals in the water, thus preventing scale formation inside the pipes and eliminates prior scaling. This exciting new green technology has been commercially available in the U.S. for the past three years, including such locations as Dole Foods, Fresh Express and Best Western Hotels, and other well-known companies throughout North America.

Soft Wave is completely scalable and can be easily installed without shutdown. The unit provides a low voltage alternating Gaussian current across the affected water supply pipe, using an electrically controlled pipe wrap. Benefits include a reduction or elimination of nearly all chemical additives in the water system, elimination of calcium and mineral deposits, while helping control biofilm and algae. The result is reduced maintenance or replacement costs of the system, and significant cost savings in chemical and maintenance requirements, while reducing environmental footprints.

Change in cooling tower water after just a few weeks of using Soft Wave



Reduction of interior scaling in cooling tower after just a few weeks of using Soft Wave



Benefits of Soft Wave

- Reduce or eliminate all chemical additives in your water system
- Dissolve existing calcium and mineral deposits
- Significantly reduce chemical usage
- Significantly lower maintenance costs and reduce downtime
- Significantly reduce blowdown and water use
- Reduce water hardness
- Help eliminate water stains
- Create water, electric and sewer savings
- Change water pH from acidic to more alkaline
- Install easily and scale up easily
- Reduce environmental footprint
- Save Money



Applying Soft Wave technology in industrial cooling tower operations reduces water evaporation, eliminates the need for chemical cleaning, and leads to increased cycles. These factors combine to decrease the required makeup water, and decrease the blow down water, thus saving millions of gallons of water and reducing the reliance on chemical treatment to prevent scaling, and reduce production downtime. This means potential large scale industrial cost savings through reduced wear and tear on components, reduced liability, reduced overhead, and increases in efficiency. Some operations have also reported a savings in water consumption of between 16% and 24%.

The system is patented, and Stina has acquired the Canadian distribution rights from AGT in the US. Stina has already initiated tests of Soft Wave units in various commercial operations in the Vancouver area, and results to date have been excellent. Negotiations are already underway with engineering firms to market Soft Wave to their existing and potential industrial and commercial customers on a lease basis. Plans for the development of the smaller residential retail unit are also underway. Stina believes that this new patented green technology could deliver strong and exponentially growing revenues well into the future, while bringing the Company competitive lower overhead costs, operating on a distribution basis.

