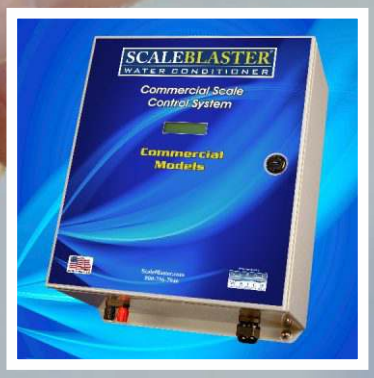
SCALEBLASTER®
WATER CONDITIONER

Sustainable Solutions to Hard Water Problems

APPLICATIONS

CLM-552

Soda Dispensing Equipment



Soda Dispensing Equipment Applications

Soda dispensing equipment is historically very high maintenance - the meters, jets, and nozzles scale quickly and cause inefficiencies in many ways, requiring many maintenance hours per week for proper operation, and causing equipment down time. Since the use of salt and chemical methods to soften water and remove scale will affect the taste of the soda syrup dispensed, the machines cannot use traditionally softened water, or traditional chemical scale treatment methods. Manual maintenance has been the answer to date, but it is inconsistent and costly in terms of labor, supplies, and downtime.

The **ScaleBlaster** water conditioning system can:

- Reduce scale and clogging
- Reduce unpleasant taste or odor
- Make bottle replacement easier because fittings will not scale
- Keep nozzles, jets and valves clean
- Keep meters functioning accurately - reducing syrup waste
- Reduce the maintenance cycle - saving time and lowering labor costs
- Improve equipment reliability
- Extend useful life of equipment
- Provide responsible, chemical-free treatment

In its natural state, water likes to have a balance between bases and acids. The problem is, the environment of a water boost is very unnatural as CO2 is being introduced into the liquid water under pressure. If the water is high in alkalinity (high alkalinity is usually associated with high hardness, such as calcium and magnesium ions), a buffering action occurs that neutralizes the acids. It's like taking an antacid pill, which is calcium carbonate, to neutralize excessive stomach acid. The alkalinity itself is stable, which means it doesn't change as this buffering occurs.

No fountain beverage program is complete without ice.

- Hard water causes ice to be cloudy. This is because the dissolved calcium and magnesium solidify into particles during the freezing process and become trapped in the ice.
- Hard minerals, such as calcium and magnesium, leave scale deposits. Scale causes a number of problems with cubers:
  - Scale on the ice thickness probe can trigger a false harvest. If it can't sense the water, it may start the harvest cycle prematurely, releasing the ice before it is fully shaped.
  - Scale can cause "freeze up," a fairly common problem. As minerals collect on the evaporator plate, they can impede the heat transfer. This can result in ice that sticks to the evaporator instead of dropping during the harvest. The ice refreezes with each cycle, creating large chunks.

Maintenance Free

The **ScaleBlaster** water conditioning system requires no maintenance, thus eliminating maintenance costs.

Environmentally Friendly

There are no harmful chemicals or salts which dispose chlorides into the environment.

Space Efficiency

The unit takes up little space. Simply mount the **ScaleBlaster** water conditioner on your incoming pipes and you are good to go!

Commercial buildings may be susceptible to problems with hard water, but you now have an effective solution to prevent it.

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ScaleBlaster.com
800-756-7946

Manufactured by

CLEAR WATER ENVIRO TECHNOLOGIES