

SCALEBLASTER[®]

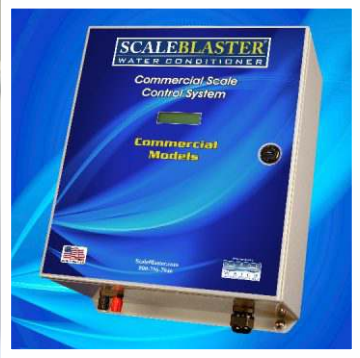
WATER CONDITIONER

APPLICATIONS

Sustainable Solutions to Hard Water Problems

CLM-534

Laundry and Dry Cleaning



Laundry & Dry Cleaning Applications

Maintenance & Down time

Proprietors of laundries and dry cleaners work hard and long hours in part because they must allow enough time for their cleaning and steam equipment to startup, heat up, and then shut them down properly. This equipment also needs a lot of maintenance. The buildup of lime scale formation is a costly problem. The higher cost of maintaining the cleaning your boiler and other fluid-fed equipment can be attributed to the continuous cleaning of scaled surfaces. **ScaleBlaster** can aid in this with little or no maintenance. Start up time is reduced because steam buildup time is reduced. Blow down and bleed time are reduced as well.

Energy costs

A ¼" of lime scale buildup will decrease your overall heat transfer 40%, resulting in much higher energy and operating costs. You will reduce energy consumption by keeping pipes, vertical boilers, pumps, steam generators, misters, and other water-fed process equipment clean and free of scale buildup.

Pump energy cost

Lime scale deposits will narrow the inner diameter of the piping, increasing the amount of energy required to pump the water through the system. **ScaleBlaster** will take care of this problem.

Water consumption

You will reduce water consumption because hard water inefficiency problems are reduced.

Reduce soap & Detergent Consumption

Hard water means more soap and detergent use. **ScaleBlaster** can cut this down by up to ½ the amount. You will save on your cleaning agents and have fewer discharge concerns.

Boilers

ScaleBlaster will greatly reduce lime scale buildup in boilers lowering your maintenance costs.

Pressing Pads

Your pressing pads will need to be replaced less frequently.

Steamers and cleaner cloths

Your steamers will operate much more efficiently. Your customers will also notice cleaner cloths and brighter whites because the surface tension of the water is reduced due to **ScaleBlaster**.

Eliminate the need of water & fluid treatment chemicals

With **ScaleBlaster**, you will have no recurring chemical expenses. No more handling and storage of hazardous chemicals on site. Oxygen scavenger treatment will need to be continued, however.

Biofilm, corrosion, algae, & colloids in fluid-fed equipment

Bacteria and algae must attach to something before they can feed and reproduce. **ScaleBlaster** will keep the bacteria, algae and their food dispersed in the water, off of surfaces and away from their bio-film breeding ground. The bio-film will eventually die.

Separator water discharge

You will use less tetrachlorethylene (perc) because the perc will work more efficiently.

Equipment life

Your equipment will all have a much longer lifecycle because of **ScaleBlaster**. Costs to replace corroded parts will be reduced. With higher concentration ratios and TDS, the pH will be higher and there will be a lot less tendency of corrosion.



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ScaleBlaster.com
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