

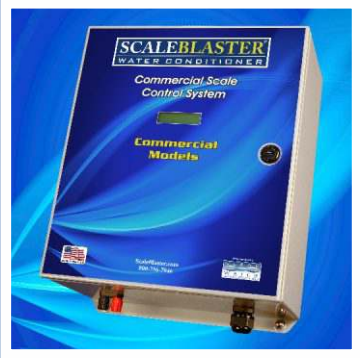
SCALEBLASTER®

WATER CONDITIONER

Sustainable Solutions to Hard Water Problems

APPLICATIONS

CLM-527



Hospitals



Hospital Applications

Plumbing effects of hard water and repair

Hard water causes plumbing problems and can reduce the life of the plumbing. This will cause the need for repairs over time. Calcium and magnesium ions are present in hard water and these ions can and do make lime scale. This lime scale can accumulate in some water flow restricted points, like pipe bending points, shower heads, faucets, and valves. It constricts water flow through these points in the pipes. Sooner or later pipes can become completely clogged. Consequently, it increases down times for plumbing repair and/or may require the entire piping system to be replaced.

Water hardness is a source of many problems. One important trouble area is the way hardness minerals react with soaps and detergents. So important is this aspect of the hardness problem that hardness is sometimes defined as - "the effect of certain elements which combine with soap to form an insoluble material known as curd." The list of elements that possess this property of hardness include iron, copper, and manganese, all present normally in relatively small quantities. More common, of course, are calcium and magnesium, which are usually present in significant amounts. Clothes washed with **ScaleBlaster** water are free of troublesome hard water soap curd.

For the cleaning people water hardness makes cleaning operations more difficult.

In the laundry, hard water leaves soap curd and detergent deposits on fabrics. This dulls colors and gives a grey or yellow appearance to white fabrics. Hard water soap curd also cling to fabric fibers, causing threads to become brittle and shortening the life of the material.

- Hard water wastes soap and synthetic detergents.
- Hard water leaves unsightly soap scum rings in the bathtub.
- Hard water spots and streaks glassware and dishes.
- Hard water makes bathing more difficult for skin and hair.
- Hard water builds up scale deposits in all water-using appliances and clogs hot water pipes.

Protect Your Appliances

Your appliances & fixtures that come in contact with hard water will operate much more efficiently and will have a prolonged life expectancy with **ScaleBlaster** installed.

ScaleBlaster will remove limescale deposits while prolonging the life of...

- | | | | |
|--------------------|-----------------|---------------|--------------------|
| • Piping systems | • Water heaters | • Dishwashers | • Tankless heaters |
| • Washing machines | • Toilets | • Faucets | • Showerheads |
| • Sinks | • Coffee makers | • Humidifiers | • Radiant heaters |

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.

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 - **ScaleBlaster** will control lime scale deposits on heat exchanger tubes.

Chillers - **ScaleBlaster** will control lime scale deposits on heat exchange surfaces.

Air Handlers - **ScaleBlaster** will control lime scale deposits on heat exchange surfaces.

Hot Water Heaters - **ScaleBlaster** will control lime scale deposits on the heating coil and tank.

Boilers - **ScaleBlaster** will control lime scale deposits on boiler fire tubes, condensation tank, pumps, pipes and valves.



Sustainable Solutions to Hard Water Problems

ScaleBlaster.com
800-756-7946

