

FREQUENTLY ASKED QUESTIONS

- Q: Under what conditions does scaling take place?
- A: In any application where water is heated or cooled, scale buildup is a potential problem, at any hardness level. Scale will build faster in hard water areas.
- Q: How does scale affect dish machines?
- A: Scale buildup in the final rinse causes clogged solenoid valves, water leaks and clogged rinse arms which affects results.
- Q: How does scale affect the heating elements in booster heaters and steamers?
- A: Reduced effectiveness or burn out of heating elements. This can happen in a few short months.
- Q: How does scale form in ice machines and what is the effect?
- A: Minerals become concentrated in the sump, eventually exceeding the water saturation point. This leads to scale buildup problems on the inlet side, restricting water flow for defrosting or keeping coils clean. This causes ice buildup on the coils.
- Q: What is the end result of scale buildup?
- A: Increased costs for energy, water, maintenance and equipment replacement.

Scaltrol Inc. • 460 Brogdon Road, Suite 500 • Suwanee, Georgia 30024 Mailing address: P.O. Box 3288 • Suwanee, Georgia 30024 Phone: 800-868-0629 ext. 201 • Fax: 877-769-2751 • Scaltrolinc.com



The Clear Choice in Water Treatment

- Q: What does the Scaltrol products (SC-50/SC-100/SC-500/HSC-50/HSC-100) do?
- A: The Scaltrol system prevents the buildup of scale in equipment such as booster heaters, hot water heaters, steamers and ice machines. It will even begin to remove accumulated scale buildup, given enough time. It can be used in both cold water and hot water applications.
- Q: How does it work?
- A: The Scaltrol system utilizes a patented dispensing head that controls the amount of scale preventative being added within a narrow range. The compound is safe and certified under NSF Standard 60. With this system, there are no moving parts and no costly circuitry.
- Q: What are the benefits of using the Scaltrol Scale Control system?
- A: Reduced water and energy costs, increased equipment performance, reduced equipment maintenance and/or replacement downtime.
- Q: Where should the Scaltrol systems be installed?
- A: Into the water lines leading to steamers, booster heaters and ice machines or any other application experiencing scale buildup problems.
- Q: What does SC-50, SC-100, SC-500, HSC-50 and HSC-100 stand for?
- A: The SC models are for cold water applications using a clear sump. The HSC models are for hot water applications and use a high pressure composite sump. The SC-50 and HSC-50 models treat approximately 50,000 gallons of water before the cartridge needs to be replaces. The SC-100 and HSC-100 treats approximately 100,000 gallons of water. The SC-500 treats approximately 500,000 gallons of water.

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- Q: Can all water to the steamer be conditioned?
- A: Yes. This makes it easier to install. You don't have to distinguish between the cooling water and the boiler water.
- Q: When should the cartridges be replaced?
- A: On the SC-50, SC-100 and SC-500 models the cartridge should be replaced when the compound reaches the bottom. On the HSC-50 and HSC-100 you must remove the sump to check the compound level.
- Q: What about the impact on energy costs?
- A: As little as 1/8" of scale buildup can increase the energy consumption by up to 39%. If you consider the cost to heat water for the final rinse, these added energy costs for scale can more than pay for the cost of the Scaltrol system in just a few short months. When you factor in the cost of a new booster heater and the frantic downtime involved, the economics keep getting better and better!

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