

**Why ECOsmarte is preferred  
by Pool Owners and Pool Professionals  
Over Salt-to-Chlorine Systems**

- Swimmers prefer the feel and taste of water treated with the ECOsmarte system over water treated with salt-to-chlorine generators by an overwhelming margin.
- ECOsmarte systems work within a calcium hardness range of 200-2,000ppm. Because it converts calcium to bicarbonate, the ECOsmarte will eliminate and prevent calcium scaling on pool walls and rock features. Salt-to-chlorine generators do not control calcium scaling and will only work within a calcium range of 200-400 ppm.
- Since salt-to-chlorine systems produce chlorine, the sanitizing effectiveness of the system is impacted by changes in temperature, bather load, sunlight and rainfall. Changes in any of these factors may require additional "shocking" of the water to prevent an algae outbreak. ECOsmarte's effectiveness is not significantly affected by these factors. An ECOsmarte owner does not have to be concerned about doing anything different to treat their pool if they have 20 kids in the pool all day. The pool water will still provide bacterial and algae protection for a full week or more.
- Vinyl liners, automated pool covers and solar covers may become damaged from the use of chlorine or salt-to-chlorine generators. Since the ECOsmarte system does not require the use of harmful oxidizing chemicals, these expensive pool components can be expected to last their normal life expectancy.
- Salt-to-chlorine generators will use an average of 500 watts of AC power for a 20,000 gallon pool. ECOsmarte systems will use an average of only 40 watts of DC power to treat the same amount of water.
- Salt-to-chlorine generators and the ECOsmarte system both use a chamber in their process. The difference is that a salt-to-chlorine generator sell may need to be replaced in 3-5 years at a cost of over \$400. The copper bars in the ECOsmarte chamber cost less than \$100 to replace and they should last 4-7 years. The ECOsmarte chamber is warranted for 5 years and should last indefinitely.
- The backwash discharge from an ECOsmarte treated pool is safe for use on lawns and in gardens since it does not contain any salt or sodium. Backwash from pools treated with salt-to-chlorine generators can kill plant life, sterilize soil preventing plant growth and is prohibited in many municipalities in the United States and Australia (where salt-to-chlorine systems were invented).
- ECOsmarte offers six days per week of toll-free support at 1-800-ION SWIM to consumers, dealers and service personnel. No such support is available by any manufacturer of salt-to-chlorine generators being sold in the United States.