

# Want to be **Green?** Get an **SSBrom™!**



To be **Green**, both the USGBC LEED and USEPA Green Chemistry programs require that use of toxic chemicals be minimized or eliminated.

The **SSBrom** is the only effective microorganism control technology that **eliminates use of all toxic chemicals.**

ProChemTech developed the **SSBrom** as a safe, cost effective means for making aqueous electrolytic bromine from the bromide ions found within the cooling water to control microorganisms in cooling tower systems. Shown in the picture is a frame mounted **SSBrom** power supply and patented\* graphite electrolytic cell assembly that makes up a basic “drop in” **SSBrom**. The only limitation on the technology is that a patented\* SofTek™ (softened makeup water) water management program with a minimum conductivity of 4000 mmhos be in use.

## **Green Advantages**

- Electrolytic bromine degrades back to harmless bromide ion, no toxic chemical residue in the cooling tower blowdown.
- Electrolytic bromine is produced within a sidestream of the cooling water only when desired, no risk of accidental spills of any chemicals during transport, in inventory, or during use.
- USEPA registered, SSBrom units are produced in USEPA registered facilities, USEPA #58616-PA-1 and 58616-AZ-1.
- **SSBrom** halogen chemistry is effective against Legionella bacteria.
- **SofTek water management programs using the SSBrom for microbiological control have only one chemical feed, the scale/corrosion inhibitor!**
- The **SSBrom** can be used on systems from 10 to 100,000 gallons water volume.

**ProChemTech International, Inc.**  
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