



ElectroBrom 100% Chlorine-Free Pool / Cooling Tower System

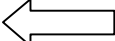
EPA Certified for Commercial and Residential Pools and Cooling Towers

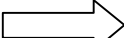
System Description: Continuously regenerates bromine in a closed loop to disinfect and shock pools, spas, fountains and cooling towers with no chlorine, ever. Better disinfection at a wider PH range than chlorine. Does not burn eyes, dry skin, destroy pool surfaces or pumps. Bromine is a liquid, avoiding breathing toxic chlorine fumes. Kills algae on contact to reduce maintenance time and costs. Used by Holiday Inn, Sea World, YMCA's - carries the Environmental Protection Agency's highest certification for biocides.

Electro-Brom Process:

1. Sodium Bromide (bromine salt) is added to the pool at setup.



2. This canister, housing long-lasting graphite plates, is installed
 in line with the pool pumps.

3. Electric current from this control box runs through the graphite plates, activating the bromine.


4. The active bromine kills bacteria, viruses, swimmer wastes and algae, then goes into an inactive state, to be reactivated again.



PH Dependence Comparison:

	<u>Bromine</u>	<u>PH</u>	<u>Chlorine</u>
(Percent Active Disinfection)	100%	6.5	90%
	100%	7.0	74%
	94%	7.5	47%
	83%	8.0	24%
	60%	8.5	9%

Savings Analysis vs Chlorine:

Gallons: 20,000

<u>Costs per Month:</u>	<u>Factor</u>		<u>Chlorine</u>	<u>x %</u>	<u>ElectroBrom</u>
Chemicals/Equip. Maint. (.007C or .004R) x gal.	0.004	=	\$80.00	40%	\$32.00
Pool Maint. Labor (.003C or .002R) x gal.	0.002	=	\$40.00	50%	\$20.00
Pool Surface refinishing (.10) x gallons/84 mo.	0.10	=	<u>\$23.81</u>	0%	<u>\$0.00</u>
		Totals	\$143.81		\$52.00
			Monthly Savings:		\$91.81

Electro-Brom Benefits:

- * Continually kills bacteria, viruses
- * Continually kills algae
- * No toxic gas emission
- * No storage of toxic chemicals
- * No drying of skin
- * No burning of eyes
- * No chlorine smell
- * Reduces chlorine production demand (and air pollution)
- * No corrosion of pool pump systems
- * No staining or degrading of pool surfaces
- * Indefinite shelf life for sodium bromide

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