

POOL SANITATION COMPARISON

CONSIDERATION		Ozone	Chlorine	UV	Ionizers	Bromine
Water clarifier	Swimming Experience	yes	no	no	no	no
Oxidizes organic by-products (color)		yes	moderate	no	no	no
Emits odor		no	yes	no	no	moderate
Irritates skin, eyes, nose, throat		no	yes	no	no	yes
Increases dissolved solids in pool		no	yes	no	yes	yes
Oxidation strength	Safety	excellent	moderate	none	none	weak
Bactericidal Power		excellent	good	good	good	good
Virucidal Power		good	poor	good	poor	poor
Residual sanitation		short	long	none	long	moderate
Contact time for microbe kill		short	long	very short	very long	long
Hazardous material to handle		no	yes	no	no	yes
Hazardous by-products	no	yes	no	yes	yes	
Equipment reliability	Reliability	good	good	fair to good	fair	good
Process control		well developed	well developed	minimal	minimal	well developed
Complexity of technology		moderate	simple to moderate	simple to moderate	simple to moderate	simple to moderate
Impacts pool water pH		no	yes	no	yes	yes

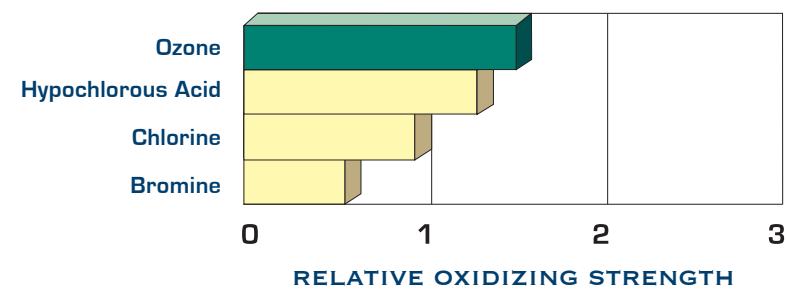
FEATURES

- Automated operation
- Continuous sanitation
- Easy installation
- Minimal maintenance
- Wall & pad mounted equipment available
- Indoor & outdoor packages

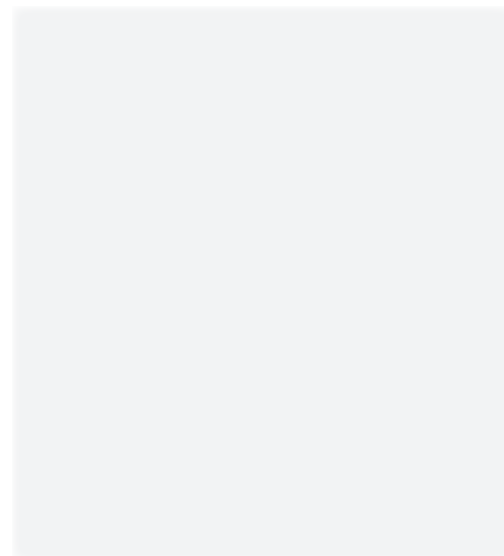
BENEFITS

- Clearer, cleaner water
- Complete sanitation
- Superior oxidation
- No residue or chemical by-products
- No measuring, monitoring or handling of chemicals
- pH neutral

COMMERCIAL SANITIZERS



CONTACT YOUR CWT DEALER



APEX™ AND APEX Ae™

ADVANCED POOL PURIFICATION SYSTEMS FOR RESIDENTIAL APPLICATIONS

For the “Ultimate Swimming Experience™”



ClearWater Tech, LLC
 Ozone Systems for Water & Air Purification
 800-262-0203 • 805-549-9724
 850-E Capitolio Way, San Luis Obispo, CA 93401
 e-mail: sales@cwtozone.com • www.cwtozone.com



CLEARWATER TECH, LLC

LEADING THE WAY IN OZONE TECHNOLOGY FOR SWIMMING POOLS AND SPAS

What would it be like to swim in bottled water? Sounds extravagant, but it is possible with ClearWater Tech's Apex and Apex Ae systems. For over 20 years ClearWater Tech has delivered bottled water quality to pools around the world providing the "Ultimate Swimming Experience™" to thousands of people every day.

Apex systems use ozone's oxygen-based oxidation to eliminate organic contaminants, bacteria and viruses from pool water through a combination of oxidation and flocculation. Oxidation destroys these contaminants and flocculation gathers them up to be filtered out of the pool. Pool water is cleaner and clearer. And unlike most chemicals, ozone does not affect the pH of pool water. It is these qualities that enable the Apex family of systems to deliver a unique swimming experience with water that is so clean and so clear it's like swimming in bottled water.

Other pool sanitizers have to be handled and stored, but ClearWater's Apex systems produce ozone on-site with equipment that can be easily sized to meet any requirement. Ozone enriched water not only sanitizes

but is completely safe and leaves no harmful residue or chemical by-products in water. Ozone helps prevent the formation of harmful chloramines and trihalomethanes (THMs), which are the natural by-products of chlorine-based sanitization. This ability makes the Apex and Apex Ae systems perfect partners for chlorinated pools, whether salt generated, liquid injected or tablet dissolved.

Ozone is nature's strongest oxidizer and sanitizer, which is one reason it is used to purify drinking water worldwide. It's up to 1.5 times more effective and many times faster acting than chlorine. And since ozone is oxygen based the only by-product of its sanitizing process is oxygen O₂.

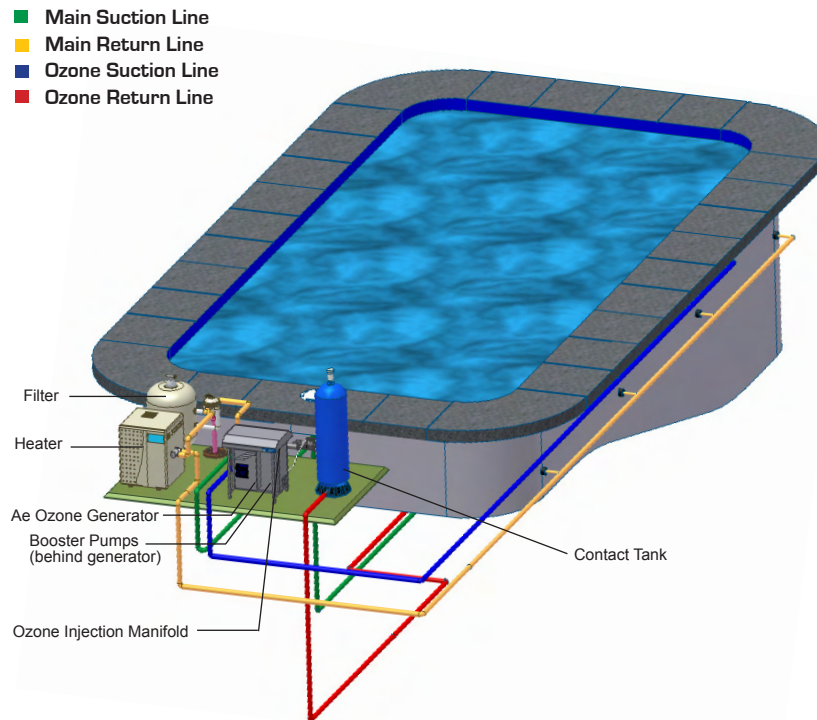
Frequency of use, pool size, local environment, even pets in the pool, are factors that determine how pool water should be treated. Whether you should have a low-chlorine, ultra-low chlorine or a "chlorine-free" solution will depend on how a pool is used. But no matter how a pool is used it will be a better pool with an Apex or Apex Ae system.



SOME OF CLEARWATER TECH ACCOMPLISHMENTS:

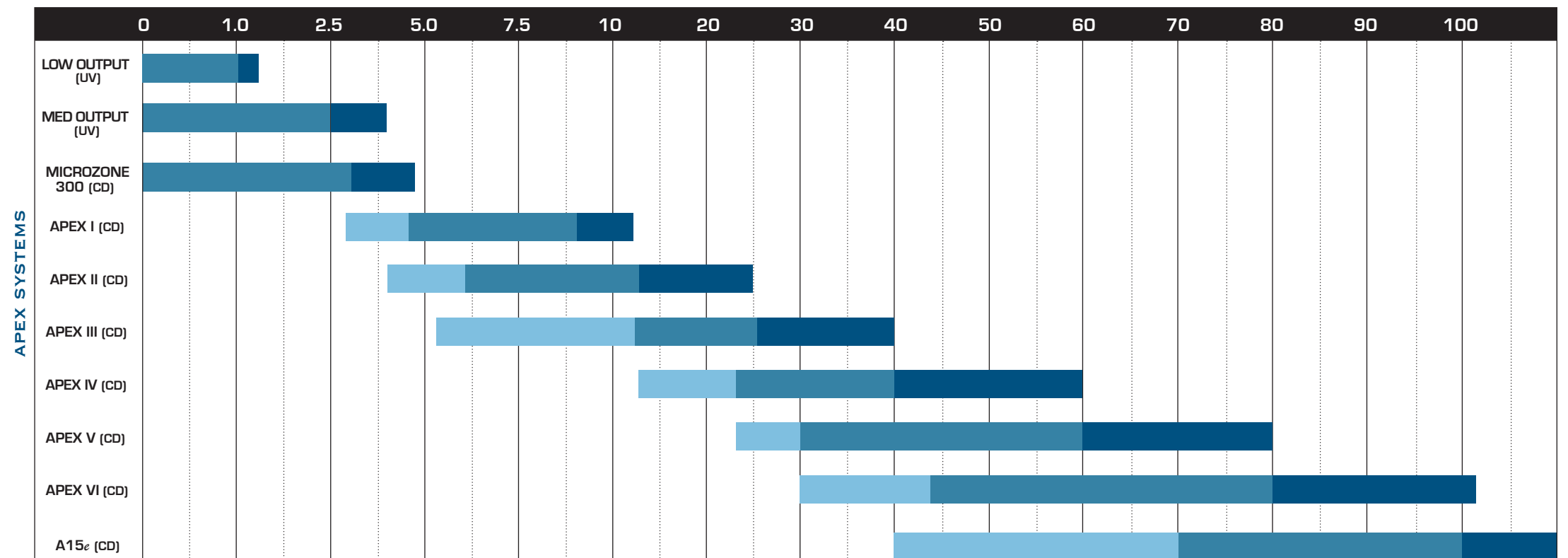
- Nike
- Louisiana State University
- The Pentagon
- Poipu Hyatt
- Georgia Tech Olympic Pool
- Air Force Academy
- YMCA
- Playboy Mansion
- Marriott Hotels
- San Juan Olympic Training Facility
- Thousands of high end residential swimming pools

TYPICAL PLUMBING SCHEMATIC



POOL GALLONS IN THOUSANDS

APEX SYSTEM SIZING CHART



NOTE: Certified by the Water Quality Association under the Gold Seal Program to NSF/ANSI Swimming Pool Standard 50. Results will vary based on location and usage.

