



Clean Water Made Easy
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ClearWater Tech Apex Pool Builder Systems Brochure 2008

Call Clean Water Systems for more
information
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Apex Pool Builder Systems

CORONA DISCHARGE OZONE GENERATORS



FEATURES

- Automated operation
- Continuous sanitation
- Easy installation
- Minimal maintenance
- Wall mounted

BENEFITS

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

APEX SERIES SPECIFICATION SHEET

Quality of life matters and in pools it's all about the water. ClearWater Tech, the leader in non-chemical sanitation for commercial pools, offers the Apex Pool Builder Series to bring the "Ultimate Swimming Experience™" to residential pools of all sizes.

With Apex systems, organic contaminants, bacteria and viruses are not only rendered harmless, they are eliminated 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 water. Pool water is cleaner and clearer than is possible with any chemical disinfectant. And unlike most chemicals, ozone does not affect the pH of pool water.

Where other pool sanitizers have to be handled and stored, ozone, an oxygen-based oxidant, is produced on-site with equipment that can easily be 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 the water to hurt people or the environment. Ozone actually prevents the formation of harmful chloramines and trihalomethanes (THMs) in swimming pools, which are the natural by-products of chlorine-based sanitation. This ability makes the Apex system a perfect partner for chlorinated pools, whether salt generated, liquid injected or tablet dissolved.

Apex systems are easy to install and maintain. They are wall mounted and readily tie into the pool operating system, so when the main pump is running the Apex system is running too. A complete range of turnkey systems are available to provide ozone protection for most residential pools, large or small, indoors or outdoors.



SHOWN: APEX IV

DESIGN FEATURES

- Solid state electronic components
- Air-cooled
- Low watt per gram ratio
- 4-20 mA control
- LED visual indicators
- Automation
- Back flow prevention

APPLICATIONS

- Residential swimming pools
- Small commercial swimming pools
- Commercial spas
- Water features

APEX SPECIFICATION INFORMATION

SYSTEM COMPONENTS	ELECTRICAL	OZONE OUTPUT	RATING
SERIES I <ul style="list-style-type: none"> • CD ozone generator • Built-in SCFH flow meter • Power Indicator • Injector Manifold • Check Valve Assembly 	Universal 90-250V, 47-63 Hz 1.1 - 0.4 amps, 100 watts	800 mg/hr - 1 gm/hr @ 10 SCFH (ambient air) 0.2% concentration by weight	Pending
SERIES II <ul style="list-style-type: none"> • CD ozone generator • Built in air dryer • SCFH/vacuum gauge with vacuum switch • Injector manifold • Check valve assembly • Vacuum break 	Universal 90-250V, 47-63 Hz 2.2 - 0.8 amps, 200 watts	1.3 grams/hr @ 4 SCFH (dry air) 1% concentration by weight	Residential pools up to 25,000 gallons with secondary sanitizer
SERIES III <ul style="list-style-type: none"> • CD ozone generator • Built in air dryer • SCFH/vacuum gauge with vacuum switch • Injector manifold • Check valve assembly • Vacuum break 	120V/60 Hz, 2.6 amps 240V/60 Hz, 1.3 amps 220V/50 Hz, 1.5 amps 312 watts	2.8 grams/hr @ 7 SCFH (dry air) 1% concentration by weight	Residential pools up to 40,000 gallons with secondary sanitizer
SERIES IV <ul style="list-style-type: none"> • CD ozone generator • Oxygen concentrator • Interface box • SCFH/vacuum gauge with vacuum switch • Injector manifold • Check valve assembly • Vacuum break 	Ozone Generator: Universal 90-250V, 47-63 Hz 1.1 - 0.4 amps, 100 watts Oxygen Concentrator: 120V/60 Hz, 3.8 amps 220V/50 Hz, 2.0 amps 456 watts	4.0 grams/hr @ 4 SCFH (PSA oxygen) 3% concentration	Commercial spas up to 5,000 gallons Residential pools up to 55,000 gallons
SERIES V <ul style="list-style-type: none"> • CD ozone generator • Air dryer • SCFH gauge • Injector manifold • Check valve assembly • Vacuum break 	Ozone Generator: 120V/60 Hz, 2.8 amps 240V/60 Hz, 1.4 amps 220V/50 Hz, 2.0 amps 336 watts Air Dryer: 120V/60 Hz, 1.0 amps 240V/60 Hz, 0.5 amps 220V/50 Hz, 0.6 amps 120 watts	5.6 grams/hr @ 14 SCFH (dry air) 1% concentration by weight	Residential & smaller-commercial pools up to 65,000 gallons with secondary sanitizer
SERIES VI <ul style="list-style-type: none"> • CD ozone generator • Oxygen concentrator • Interface box • SCFH/vacuum gauge with vacuum switch • Injector manifold • Check valve assembly • Vacuum break 	Ozone Generator: Universal 90-250V, 47-63 Hz, 1.5 - 0.6 amps, 135 watts Oxygen Concentrator: 120V/60 Hz, 3.8 amps 220V/50 Hz, 2.0 amps 456 watts	8.0 grams/hr @ 8 SCFH (PSA oxygen) 3% concentration by weight	Residential & smaller-commercial pools up to 80,000 gallon with secondary sanitizer



CleanWater Tech, LLC

Ozone Systems for Water & Air Purification

Sold by Clean Water Systems www.cleanwaterstore.com

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