

ClearWater Tech, LLC

**APEX SERIES CORONA DISCHARGE OZONE SYSTEMS**



RESIDENTIAL POOLS



BOTTLED WATER



AQUARIUMS



WATER FEATURES



COMMERCIAL SPAS



APEX VI

**BENEFITS:**

- Better Sanitation – Complete disinfection on contact
- Eliminates odors – Powerful, but safe, oxidation
- Saves money – Reduces or eliminates chemical use
- Saves time – Disinfectant produced on-site (no storage, mixing or handling of chemicals)
- Protects the Environment - Ozone reduces wastewater pollutants

**APEX Series Corona Discharge Ozone Systems**

We took our most popular ozone generators and combined them with all the ancillary components that make up the perfect system. The Apex series from ClearWater Tech is designed to make ordering the properly sized and designed package as simple as possible.

Ozone is the most powerful oxidizer commercially available, up to 1.5 times stronger and many times faster acting than chlorine, and is unmatched as a disinfectant. Unlike traditional sanitizers, ozone is produced on-site with equipment that can easily be sized to meet any requirement. Ozone-enriched-water sanitizes surfaces on contact. Ozone also leaves no harmful residue in water to harm the environment.

The Apex Series of ozone systems from ClearWater Tech are perfect for many applications including residential swimming pools, commercial spas, and smaller commercial pools.

**DESIGN FEATURES**

- Compact, wall-mounted
- Automatic control
- Air cooled
- Backflow prevention
- Check valve assembly
- LED display
- 2" injector manifold
- Air preparation

**APPLICATIONS**

- Residential swimming pools
- Commercial spas
- Residential well water
- Bottled water
- Waste water
- Commercial laundry
- Water features
- Aquaculture
- Problem Water



**APEX SPECIFICATIONS**

SYSTEM COMPONENTS	ELECTRICAL	OZONE OUTPUT
<b>APEX I</b> <ul style="list-style-type: none"> <li>• UV2800 – ozone generator</li> <li>• Injector manifold</li> <li>• Check-valve assembly</li> </ul>	120V 60HZ, 1.6 amps 220V 50HZ, 0.94 amps 240V 60HZ, 0.80 amps	1.0 gram per hour @ 60 SCFH 0.1% concentration by weight
<b>APEX II</b> <ul style="list-style-type: none"> <li>• CD10/AD – ozone generator</li> <li>• Built-in air dryer</li> <li>• Gauge assembly w/vacuum switch</li> <li>• Vacuum break</li> <li>• Injector manifold</li> <li>• Check-valve assembly</li> </ul>	Universal 90-250V, 47-63HZ, 2.2-0.8 amps	1.3 gram per hour @ 4 SCFH 1.0% concentration by weight
<b>APEX III</b> <ul style="list-style-type: none"> <li>• CD12/AD – ozone generator</li> <li>• Built-in air dryer</li> <li>• Gauge assembly w/vacuum switch</li> <li>• Vacuum break</li> <li>• Injector manifold</li> <li>• Check-valve assembly</li> </ul>	Universal 90-250V, 47-63HZ, 2.6-1.0 amps	2.6 gram per hour @ 8 SCFH 1.0% concentration by weight
<b>APEX IV</b> <ul style="list-style-type: none"> <li>• CD10 – ozone generator</li> <li>• AEROUS – oxygen concentrator</li> <li>• Electrical Interface Box</li> <li>• Gauge Assembly w/Vacuum Switch</li> <li>• Vacuum break</li> <li>• Injector manifold</li> <li>• Check valve assembly</li> </ul>	120V 60HZ, 3.83 amps 220/240V 50/60HZ, 2.1 amps	4.0 gram per hour @ 4 SCFH 3.0% concentration by weight
<b>APEX V</b> <ul style="list-style-type: none"> <li>• P-2000 – ozone generator</li> <li>• AD40 - air dryer</li> <li>• Gauge Assembly w/ Vacuum Switch</li> <li>• Vacuum break</li> <li>• Injector Manifold</li> <li>• Check-valve assembly</li> </ul>	120V 60HZ, 3.8 amps 220/240V 50/60HZ, 2.6 amps	5.6 gram per hour @ 7 SCFH 1.0% concentration by weight
<b>APEX VI</b> <ul style="list-style-type: none"> <li>• CD12– ozone generator</li> <li>• AEROUS – oxygen concentrator</li> <li>• Electrical Interface Box</li> <li>• Gauge Assembly w/ Vacuum Switch</li> <li>• Vacuum break</li> <li>• Injector Manifold</li> <li>• Check-valve assembly</li> </ul>	120V 60HZ, 4.25 amps 220/240V 50/60HZ, 2.28 amps	8.0 gram per hour @ 8 SCFH 3.0% concentration by weight
<b>APEX VII</b> <ul style="list-style-type: none"> <li>• CD15nx – ozone generator</li> <li>• AEROUS – oxygen concentrator</li> <li>• Vacuum break</li> <li>• Injector Manifold</li> <li>• Check-valve assembly</li> </ul>	120V 60HZ, 4.2 amps 220/240V 50/60HZ, 2.25 amps	15.0 gram per hour @ 7.5 SCFH 5.0% concentration by weight
<b>APEX VIII</b> <ul style="list-style-type: none"> <li>• CD30nx – ozone generator</li> <li>• AEROUS – oxygen concentrator</li> <li>• Vacuum break</li> <li>• Injector Manifold</li> <li>• Check-valve assembly</li> </ul>	120V 60HZ, 5.1 amps 220/240V 50/60HZ, 3.3 amps	30.0 gram per hour @ 15 SCFH 5.0% concentration by weight

**NOTES:**

- Other peripheral equipment may be required with the APEX Series systems such as a, contact vessel, off-gas vent, off-gas destruct systems.
- The APEX Series packages are available with 684 (7-14 gpm), 978 (15-40 gpm), and 1583 (30-80 gpm) injector manifolds. Specify injector required when ordering.



APEX I



APEX II



APEX III



APEX VIII

NOT SHOWN: APEX IV, APEX V, APEX VI, APEX VII