Aquarium Products
Ozone Generators

Ozotech Poseidon Series

When it comes to ozone reactors the Poseidon is a class leader by constantly outperforming its competition. With an adjustable output, and patented cold-spark corona discharge technology, no other ozone generator come close to its performance in its price range. With serviceable parts, and great customer service, Ozotech only does ozone and we do it very well.

The ozone technology inside the Poseidon series ozone generators produces 220 or 440 mg/hr of ozone on ambient air. The power supply converts 110-240 VAC/ 50-60Hz to 12 VDC to operate with safe, low voltage operation. Unlike UV ozone generators, the output does not degrade over time.

How It Works

In aquarium applications, an ozonizer, or ozone generator, can be utilized to help maximize water quality. With this type of system, air is pumped into the ozonizer unit (sometimes after first passing through an air dryer to eliminate humidity) where it is exposed to, in most modern models, a high-voltage electrical discharge (although some models use UV rays), which breaks apart the oxygen molecules. As the molecules recombine, some ozone is formed. The gas then enters a protein skimmer chamber or ozone reactor where it mixes with aquarium water. The outflow from the chamber is then filtered through activated carbon to remove any residual ozone before the water returns to the aquarium.

Poseidon ozone generators are designed for:

• Aquariums
• Water treatment
• Food safety and many other applications

<table>
<thead>
<tr>
<th>Front Panel Dial Reading</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>MAX</th>
</tr>
</thead>
<tbody>
<tr>
<td>% of Max Output</td>
<td>10%</td>
<td>20%</td>
<td>30%</td>
<td>40%</td>
<td>60%</td>
<td>100%</td>
</tr>
<tr>
<td>O₃ Output Mg/Hr. (Poseidon)</td>
<td>22 mg</td>
<td>44 mg</td>
<td>88 mg</td>
<td>132 mg</td>
<td>176 mg</td>
<td>220 mg</td>
</tr>
<tr>
<td>O₃ Output Gr/Hr. (Duet)</td>
<td>.05 Gr</td>
<td>.09 Gr</td>
<td>.2 Gr</td>
<td>.28 Gr</td>
<td>.35 Gr</td>
<td>.44 Gr</td>
</tr>
<tr>
<td>Gas Concentration</td>
<td>1 gm/m³</td>
<td>1.1 gm/m³</td>
<td>1.3 gm/m³</td>
<td>1.6 gm/m³</td>
<td>2.5 gm/m³</td>
<td>2.8 gm/m³</td>
</tr>
</tbody>
</table>
5 Reasons to Use Ozone in an Aquarium

1. Water Clarity that Reveals an Astonishing Depth of Color
2. Destroy Toxins in Your Aquarium
3. Get Rid of Aquarium Tank Odors
4. Get the Most Out of Your Aquarium Lighting
5. Create a Healthier Environment for Your Fish

There are several factors that come into play when sustaining a healthy environment for aquatic plants and other marine life. However, when dealing with viewing experience and the efficiency of an aquarium system, there is no denying the significant role that water quality plays in the scheme of things. And in case you didn't know, this is an area of upkeep that can greatly benefit from the use of ozone.

If you're looking to enhance the quality of your aquarium tank water with a system that improves visibility; boosts your overall viewing capabilities; preserves and brightens vibrant colors; and helps develop a healthier environment for aquatic inhabitants – Ozotech is excited to introduce you to our ozone generators that have proven to maximize your aquarium experience.
Using our 30 years of experience in the ozone manufacturing industry, we designed our most energy-efficient and cost-effective ozone generator, in one small package. Easy to maintain and service, the Poseidon is sure to become your most reliable piece of equipment.

The ozone technology inside the Poseidon 100 produces 100 mg/hr of ozone. The power supply converts 110-240 VAC/ 50-60Hz to 12 VDC to operate with safe, low voltage operation.

**ELECTRICAL:**
Primary Voltage:
110 - 240 VAC
50 - 60Hz

Operating Voltage:
12 VDC
600 mA

**OZONE:**
Output:
100 mg/hr

**DIMENSIONS:**
3” x 5” x 1.5” (WxHxD)
Shipping Weight: 1 lb

<table>
<thead>
<tr>
<th>SKU</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>30296</td>
<td>Poseidon 100</td>
</tr>
</tbody>
</table>

U.S. PATENT PENDING
Power Supply approved and certified by:
Poseidon 200
Ozone Generator

The ozone technology inside the Poseidon 200 produces 220 mg/hr of ozone. The power supply converts 110-240 VAC/50-60Hz to 12 VDC to operate with safe, low voltage operation.

**ELECTRICAL:**
Primary Voltage:
110 - 240 VAC
50 - 60Hz

Operating Voltage:
12 VDC
600 mA

**OZONE:**
Variable Output:
0-220 mg/hr
0-1 g/hr with oxygen input

**DIMENSIONS:**
7” x 4.5” x 1.5” (WxHxD)
Shipping Weight: 1 lb

<table>
<thead>
<tr>
<th>SKU</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>30296</td>
<td>POSEIDON-VARIABLE, 12V UNIT, INCLUDES 115VAC TO 12VDC WALL TRANSFORMER</td>
</tr>
<tr>
<td>30342</td>
<td>POSEIDON, POSITIVE PRESSURE (P303), 115VAC, 50/60 HZ</td>
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<tr>
<td>30342-01</td>
<td>POSEIDON, POSITIVE PRESSURE (P303)</td>
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<tr>
<td></td>
<td>230VAC, 50/60 HZ</td>
</tr>
<tr>
<td>33217-B</td>
<td>TUBE ASSY, POSEIDON</td>
</tr>
<tr>
<td>40080-01</td>
<td>WALL TRANSFORMER, 115VAC TO 12VDC</td>
</tr>
<tr>
<td>40126-03</td>
<td>POSEIDON FREQUENCY DRIVER</td>
</tr>
<tr>
<td>32175</td>
<td>P303 COMPRESSOR, 115VAC</td>
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</table>

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Poseidon 400
Ozone Generator

The ozone technology inside the Poseidon 400 produces 220 mg/hr of ozone on low mode and 440 mg/hr of ozone on high mode. The power supply converts 110-220 VAC/ 50-60Hz to 12 VDC to operate with safe, low voltage operation.

**ELECTRICAL:**
Electrical Usage:
8.4 Watts to 15.6 Watts

Operating Voltage:
110/220  50/60 Hz
regulated to 12 VC/2amps

**OZONE:**
Variable Output:
220mg/hr. (low)
440mg/hr. (high)

**DIMENSIONS:**
6” W x 9” H x 5” D
Shipping Weight: 3 lbs

<table>
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<tr>
<th>SKU</th>
<th>Description</th>
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<tbody>
<tr>
<td>30284</td>
<td>POSEIDON DUET 400</td>
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U.S. PATENT PENDING
Power Supply approved and certified by:

ozotech.com • 530.842.4189
### SPARE PARTS & ACCESSORIES

<table>
<thead>
<tr>
<th><strong>POSEIDON 100</strong></th>
<th><strong>Description</strong></th>
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<tbody>
<tr>
<td>Part Number</td>
<td>Description</td>
</tr>
<tr>
<td>33217-375S</td>
<td>3.7&quot; Spade Connection CD CELL</td>
</tr>
<tr>
<td>40080-03</td>
<td>Wall Transformer, 230/115V 12V 1.5AMP</td>
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<tr>
<td>44006</td>
<td>Tubing PVC, 3/16&quot; X 5/16&quot;</td>
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<tr>
<td>44054</td>
<td>Connector, PE,3/16Bx1/4B, 917.29.0050</td>
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<tr>
<td>44268</td>
<td>Connector, PE 3/16B X 3/16B</td>
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<tr>
<td>47018-303</td>
<td>3/16 &quot; X 3/16&quot; Barb Smart Check Valve</td>
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<thead>
<tr>
<th><strong>POSEIDON 200</strong></th>
<th><strong>Description</strong></th>
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</thead>
<tbody>
<tr>
<td>Part Number</td>
<td>Description</td>
</tr>
<tr>
<td>33217-P</td>
<td>Corona Discharge Cell</td>
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<tr>
<td>40126</td>
<td>Frequency Driver Board</td>
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<tr>
<td>47011</td>
<td>Viton Check Valve</td>
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<tr>
<td>40080-01</td>
<td>Wall Transformer, 115 VAC to 12 VDC Regulated, 800 MA (Domestic Customers Only)</td>
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</table>

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<thead>
<tr>
<th><strong>POSEIDON 400</strong></th>
<th><strong>Description</strong></th>
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</thead>
<tbody>
<tr>
<td>Part Number</td>
<td>Description</td>
</tr>
<tr>
<td>33217-B</td>
<td>Corona Discharge Cell</td>
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<tr>
<td>31500-2</td>
<td>Combo Board</td>
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<tr>
<td>47018-303/304</td>
<td>Kynar Check Valve (3/16&quot;x1/4&quot;) *1</td>
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<tr>
<td>40080-01</td>
<td>Wall Transformer, 115 VAC to 12 VDC Regulated, 2A (Domestic Customers Only)</td>
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<td>47044-1</td>
<td>CD Cell Maintenance Kit *1</td>
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<tr>
<td>31900-Dryer</td>
<td>Silica Bead Air Dryer</td>
</tr>
</tbody>
</table>

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About Ozotech, Inc.

In the last 30 years, Ozotech, headquartered in Yreka, California at the base of Mount Shasta, has established itself as a global distributor and leading manufacturer of ozone generation equipment. Our success is based on a number of factors: constant improvement of technology and manufacturing processes, high customer satisfaction, our commitment to sustainable technology, and our dedication to excellent customer service and quality.

Our patented cold-spark corona discharge technology, first patented in 1987, continues to deliver the most reliable ozone generation in the industry. Our systems are reliable and robust enough to stand up to extreme conditions in locations such as South America, Saudi Arabia, Ukraine, Bangladesh, Asia, Australia, North Africa, and Europe.

Ozotech systems satisfy the demands from a variety of global markets such as alternative health treatment, food service, hospitality, schools and universities, beverage plants, aquariums and zoos, retail, and many more. Just about anywhere there is a need for clean water, sanitation, or pure air, there is a use for ozone. Ozotech is here to meet that need.

Our Mission
The Ozotech, Inc. family is committed to designing, engineering and manufacturing innovative ozone products to exceptional quality standards. It is our business practice to partner with our customers by offering chemical-free ozone solutions to enhance mutual success within various industries and markets.

How to Order

Call us at 530.842.4189.

Email us at ozotech@ozotech.com.

Contact one of our global distributors. Visit ozotech.com for a complete listing of our partners.