Industrial Grade
High Frequency – Corona Discharge
Ozone Generators

The world’s first mid-sized range of Ozone Generators that are custom built for your applications.

Flexibility is the key in the design and manufacturing of our Generators. With standard features such as Air Pressure Monitoring, Vacuum Switching or External Source Activation, All Stainless Steel Tubing, Needle Valves, and Flow Control Valves, Smart Timer controls for Oxygen Concentrator, Digital and Analog output displays, Patent Pending Variable Ozone Output for up to Four separate devices.

With Reliability, Performance, and Results, we have a system for any type of commercial ozone application.
## System Specifications

### Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>PB10</th>
<th>PB-20</th>
<th>PB-30</th>
<th>PB-50</th>
<th>PB-60</th>
<th>PB-120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ozone Output</td>
<td>10 Gr/Hr</td>
<td>20 Gr/Hr</td>
<td>30 Gr/Hr</td>
<td>50 Gr/Hr</td>
<td>60 Gr/Hr</td>
<td>120 Gr/Hr</td>
</tr>
<tr>
<td>Minimum Pressure</td>
<td>5 PSI</td>
<td>5 PSI</td>
<td>5 PSI</td>
<td>5 PSI</td>
<td>5 PSI</td>
<td>5 PSI</td>
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<tr>
<td>Oxygen Flow</td>
<td>3 LPM</td>
<td>5 LPM</td>
<td>5 LPM</td>
<td>10 LPM</td>
<td>10 LPM</td>
<td>20 LPM</td>
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<tr>
<td>Concentration by Weight</td>
<td>5%</td>
<td>5%</td>
<td>5%</td>
<td>5%</td>
<td>5%</td>
<td>5%</td>
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<tr>
<td>Plasma Block Wattage</td>
<td>150</td>
<td>200</td>
<td>250</td>
<td>440</td>
<td>500</td>
<td>1000</td>
</tr>
<tr>
<td>Voltage</td>
<td>115/60/1</td>
<td>115/60/1</td>
<td>115/60/1</td>
<td>115/60/1</td>
<td>115/60/1</td>
<td>230/60/1</td>
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<tr>
<td>Full Load Amps (Plasma Block)</td>
<td>1.1</td>
<td>2.2</td>
<td>4.3</td>
<td>5.8</td>
<td>8.7</td>
<td>4.1</td>
</tr>
<tr>
<td>Circuit Breaker</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>15</td>
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<tr>
<td>Reactor Cooling</td>
<td>Air-Cooled</td>
<td>Air-Cooled</td>
<td>Air-Cooled</td>
<td>Air-Cooled</td>
<td>Air-Cooled</td>
<td>Air-Cooled</td>
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<tr>
<td>Oxygen Inlet</td>
<td>1/4 inch NPT</td>
<td>1/4 inch NPT</td>
<td>1/4 inch NPT</td>
<td>1/4 inch NPT</td>
<td>1/4 inch NPT</td>
<td>3/8 inch NPT</td>
</tr>
<tr>
<td>Ozone Outlet</td>
<td>1/4 inch NPT</td>
<td>1/4 inch NPT</td>
<td>1/4 inch NPT</td>
<td>1/4 inch NPT</td>
<td>1/4 inch NPT</td>
<td>3/8 inch NPT</td>
</tr>
<tr>
<td>Enclosure Size (L x W x D)*</td>
<td>16 x 20 x 8</td>
<td>16 x 20 x 8</td>
<td>20 x 24 x 8</td>
<td>16 x 20 x 8</td>
<td>20 x 24 x 8</td>
<td>24 x 24 x 14</td>
</tr>
</tbody>
</table>

* Enclosure Size may change for multiple output units

### Standard Features:

- **Plasma Block Ozone Generating Cell**
- **On Board Self Diagnostics**
- **Digital RMS Wattage Meter**
- **Analog Output Meter**
- **Lighted On/Off Circuit Breaker**
- **Pulse Density Modulation (1-100% Output)**
- **Oxygen Pressure Switch with LED Indicator**
- **Vacuum Switch with LED indicator**
- **Ozone On LED Indicator**
- **Oxygen Concentrator Smart-Timer Controller**
- **Oxygen Inlet Pressure Gauge**
- **Stainless Steel Flow Control Solenoid Valve**
- **Stainless Steel Needle Valve**
- **Stainless Steel Tubing**

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