**ATLAS 80**

Absolute Ozone Generators are a quantum leap in ozone technology. Due to very high precision design, utilizing micro-fluidic platform technology and excellent durability, all air-cooled Absolute Ozone ozone generators reliably deliver ultra pure, high concentration ozone for a wide variety of special applications. The performance is unequalled in the industry with the capability of producing high concentration ozone up to 13% by weight - guaranteed.

### Specifications

**ATLAS 80**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Ozone (O3) Production:</td>
<td>80 g/h</td>
</tr>
<tr>
<td>Working Pressure:</td>
<td>25-45 PSIG</td>
</tr>
<tr>
<td>Concentration:</td>
<td>5-13% by weight Guaranteed</td>
</tr>
<tr>
<td>Feed Gas (O2) Flow Rate:</td>
<td>0.1-20 SLPM</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>14 x 15 x 7 inches</td>
</tr>
<tr>
<td>Weight:</td>
<td>35 lbs.</td>
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<tr>
<td>Control Power Requirements:</td>
<td>120 V ~ +/-10%, 50/60 Hz, Single Phase, 8.5 A</td>
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<tr>
<td></td>
<td>230 V ~ +/-10%, 50/60 Hz, Single Phase, 4.25 A</td>
</tr>
<tr>
<td>Maximum Power Consumption:</td>
<td>650W</td>
</tr>
<tr>
<td>Physical Connections:</td>
<td>O2 Inlet: 0.25” SS316 Comp. Swagelok Type Connector</td>
</tr>
<tr>
<td></td>
<td>O3 Outlet: 0.25” SS316 Comp. Swagelok Type Connector</td>
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**NEW FEATURES**

Introducing the first-of-its-kind **iOzone ON-BOARD DIAGNOSTIC & CONTROL SYSTEM**, included in all Absolute Ozone ozone generators. This new technology offers on-screen prompts that allow the operator to easily monitor most operating parameters, including temperature, pressure, voltage, and more, all from the convenience of a 5-inch LCD touch screen display. Additionally, the control system is designed to maintain constant ozone production and adjust power to accommodate voltage and gas pressure fluctuations (within range). It also automatically lowers power if operating in high ambient temperatures, among other features.
A NEW DISPLAY TO MONITOR PERFORMANCE

The LCD screen displays the following parameters:
- Selected power setting %, so you will be able to see on the screen power selected by the remote control or slider
- Actual system power (% & Watt)
- The system voltage (V)
- The system Current (Amp)
- Temperature inside the ozone cell
- The LCD screen will allow by touch to switch the generator on and off and to adjust desire power by moving slider on the screen with your finger up or down

ON-BOARD LIVE AUTOMATIC DIAGNOSTICS

In a case when incorrect operating parameters are applied to an ozone generator the unit is switched off by the control system and the LCD screen will indicate which of the parameters caused the generator shutdown.

In a safety shutdown mode, the generator will be constantly monitoring operating parameters, and the moment they are corrected the generator will restart automatically, without any assistance.
Absolute Ozone | Ozone Generators produce ozone at unsurpassed by competitors high concentration ozone. Laws of physics dictate that the maximum amount of ozone dissolved in water is proportional to the ozone concentration produced by the ozone generator. Therefore, an ATLAS 80 (80g/h) ozone generator will dissolve more ozone in water and provide higher disinfection rates in comparison to most ozone generators available on the market today. This high efficiency and high concentration ozone will save the user as much as $12,000 on the price of the ozone system even for a small scale system.

To see more details regarding calculations, please visit www.Ozone-Generator.com

<table>
<thead>
<tr>
<th>Oxygen Flow (PSIG)</th>
<th>Gas Press. (PSIG)</th>
<th>Power (%)</th>
<th>Ozone Conc. (g/Nm3)</th>
<th>Ozone Prod. (G/H)</th>
<th>Ozone Conc. (%w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>25</td>
<td>60%</td>
<td>204.7</td>
<td>5.5</td>
<td>13.7</td>
</tr>
<tr>
<td>16</td>
<td>40</td>
<td>100%</td>
<td>87.6</td>
<td>76.8</td>
<td>6.0</td>
</tr>
</tbody>
</table>

“Feel free to reach out to us and we’ll be happy to provide you with a detail performance chart for your information

COMPACT & MODULAR OZONE GENERATORS

Absolute Ozone | Ozone Generators have modular design and come standard with special universal flanges and tabs that allow the user not only to mount the ozone generator in any position but to stack them and connect multiple ozone generators in stacks to achieve any ozone concentration required or in to expand the ozone system in the future if necessary to total ozone production up to 5kg/h or higher.

DESIGN

Weight: 35 lbs.
All parts and components used in Absolute Ozone | Ozone generators have been designed to work for 15-20 years and do not require any repairs or replacements, saving substantial amount of money over that period of time and offering the lowest TCO (Total Cost of Ownership) in the industry. Leak proof construction tested at up to 150 PSIG, corrosion resistant stainless steel or aluminum enclosure, highest quality components and materials used, further enhance reliability. Result: No downtime, No hidden costs.

5-YEAR WARRANTY - THE ONLY PERFORMANCE GUARANTEE IN THE INDUSTRY

5 Years Parts and Labour Warranty + The Only Performance Guarantee in the Industry*. We are confident that Absolute Ozone generators will provide great performance and reliability for many years of service saving you money on repairs and downtime.

‘Right on Spec Warranty' – “If in an unlikely event a product that we send you doesn't meet or exceed our published specifications, we'll send you one that does, or refund your money if we can't.

HIGH PRESSURE OPTIONS AVAILABLE

Absolute Ozone | Ozone generators can be tuned to work at higher pressure up to 80 PSIG (95 PSIA), that removes necessity of installing ozone pressure booster and it saves money on the booster and its service/maintenance. 30 - 80 PSIG pressure range is Ideal for soil remediation applications and other where high pressure ozone is required.

ULTRA PERFORMANCE WITH LOW OXYGEN DEMAND

It is obvious that higher concentration of ozone in oxygen mixture produced by Absolute Ozone generators, means that much less oxygen is required for the same ozone production. I.e. Atlas 30 requires only 4 SLPM (Standard Litres Per Minute) to produce 30g/h of ozone (not 9-14 SLPM, common in the industry today). When operating Absolute Ozone Generators you may need to purchase only 1 Oxygen concentrator instead of 2 or even 4 required by competitor’s Generators.
Absolute Ozone began operations in 1985 and since then has become an international leader in ozone generation technology and development, supplying ozone generators to over 100 countries worldwide. For the last 30 years, we have been focusing our efforts on making all projects of our clients successful and on providing the most reliable, economic, and effective ozone generators to them.

That is why we are offering a unique opportunity to all of our customers not only by providing verifiably the most advanced, effective, and economical Absolute Ozone generators to them but actually by ensuring that the equipment we provide will be effective and will make their project successful, as well as it will save them a lot of money over the time that the equipment will be working for them. Most importantly our technical assistance to our customers is complimentary, unlimited and is absolutely free of charge.
Our assistance to our clients for over the past two decades not only provided them with most reliable and effective working ozone systems, but provided tremendous saving on operating expenses to them, as Absolute Ozone generators do not require any service repairs or maintenance first 20 years of use, when installed and used correctly.

CALL US TODAY AND LET'S DISCUSS YOUR UPCOMING OR CURRENT PROJECT

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