Environmental

Advanced Oxidation Process for Small Compactor/Dumpster/Waste Storage Area
Lift Station Bacteria, Virus & Odor Abatement System

The RGF BOS PHOTOHYDROIONIZATION™ MODULE WILL DESTROY, NOT JUST COVER-UP, THE FOLLOWING AIRBORNE SUBSTANCES:

• DECOMPOSING ORGANICS
  • SMOKE
  • MOLD & MILDEW
  • BACTERIA
  • ALGAE
  • URINE / FECES
  • CHEMICAL FUMES

RGF has been an International leader in innovative environmental systems since 1985
Best warranty in the industry - two (2) full years parts and labor
Fully automatic, easy to use and install, versatile and portable
No costly and complicated chemicals
Leaves no residue / operates unattended
BOSII uses Photohydroionization™, nature’s natural deodorizer, environmentally friendly
Low power consumption, 110 or 220 volt
Low maintenance - only one filter to clean yearly cell replacement
3 year continuous operation average

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Lab Results

Before and after bacteria samples application of BOSII unit to commercial dumpster compactor

* Independent Lab data available

Outstanding Features

• No Costly Chemicals
• All stainless steel
• Automatic Unattended Operation
• Safety Service Cut Off Switch
• 2 Year Limited Warranty
• Destroys Odors- Is Not a Cover Up
• Economical to Use

• Low Maintenance - Monthly filter cleaning, PHI Cell replacement 3 years
• Reduces Fly Infestation
• Reduces airborne bacteria
• Reduces liability
• Eliminates odors

Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>BOSII</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOLTAGE</td>
<td>110V 60 HZ 3 AMPS</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>10 LBS</td>
</tr>
<tr>
<td>MATERIAL</td>
<td>STAINLESS STEEL</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>25” x 6.25” x 6”</td>
</tr>
<tr>
<td>FINISH</td>
<td>2 PART EPOXY</td>
</tr>
<tr>
<td>CONTROLS</td>
<td>INDICATOR LIGHT</td>
</tr>
<tr>
<td>FAN VOLUME</td>
<td>45 CFM</td>
</tr>
<tr>
<td>ADVANCED OXIDATION</td>
<td>1 PHOTOHYDROIONIZATION™ CELLS</td>
</tr>
<tr>
<td>PHI CELL LIFE</td>
<td>APPROX. 25,000 HOURS</td>
</tr>
<tr>
<td>OXIDATION GASES</td>
<td>HYDRO PEROXIDES, SUPER OXIDE IONS, HYDROXYL RADICALS, OZONIDE IONS, HYDROXIDES</td>
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</tbody>
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The Benefits

The Advanced Oxidation gases created by the RGF Photohydroionization™ Cell are safe environmentally friendly oxidizers that revert back to oxygen and hydrogen after they oxidize the organics, bacteria, odor or gases. The RGF - BOSII utilizes the PHI Cell to create hydroperoxides, super oxide ions, ozonide ions and hydroxides. The ozone produced is a safe low concentration, produced by a targeted high intensity UV light technology. This method is far safer than the traditional ozone generators. Targeted UV ozone generators do not produce nitric oxide gas or nitric acid and they have a very high efficiency rating. The additional oxidizers provides a broader range of applications and redundant oxidation gases.