COMPACT OZONE SYSTEMS

- Swinging pool disinfection

Main characteristics
- Ozone system producing up to 8 g/h for swimming pool disinfection

OZONE TECHNOLOGY: COMPACT OZONE SYSTEMS
The Compact ozone range is designed for disinfection of private and hotel sized swimming pools. Ozone provides effective treatment against chlorine resistant micro-organisms and significantly improves water clarity.

HOW IT WORKS
Ozone is produced when air is passed over a ceramic dielectric ozone generating module containing a stainless steel electrode. The module is powered by a high voltage/high frequency power board. The system operates under vacuum conditions created by a water driven venturi which ensures maximum safety against ozone gas leakage.

The air dryer unit contains twin dessicant dryer columns which are automatically heat regenerated controlled by a programmable relay system. When the air dryer system is used the normal output of the generators is doubled.

MAIN FEATURES
- Proven ability to safely lower free chlorine residual
- Effective against chlorine resistant micro-organisms
- Reduced skin and eye irritation
- Very low THM levels
- Significant improvement in water clarity
- Long term reliability of 10 to 15 years
- Simple to install and operate with minimal plant room space requirement

The Compact ozone range provides residential and hotel size swimming pools with a cost effective ozone disinfection system for improved water quality.
**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>COMPACT OZONE SYSTEMS Model</th>
<th>Ozone Output (g/h)</th>
<th>Air Flow (l/m)</th>
<th>Maximum Pool Volume (m³, US Gallons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GENERATOR MODEL TOG B2</td>
<td>2</td>
<td>10</td>
<td>180, 47 500, 90, 24 000</td>
</tr>
<tr>
<td>MODEL TOG B2 + TAD B1</td>
<td>4</td>
<td>10</td>
<td>400, 105 000, 200, 52 500</td>
</tr>
<tr>
<td>MODEL TOG B2 (x2) + TAD B1</td>
<td>8</td>
<td>20</td>
<td>800, 210 000, 400, 105 000</td>
</tr>
</tbody>
</table>

**Standards**
- BS EN ISO 9002:94
- CE Approval

**Remote controls and signals**
- **Ozone On**: red illuminator switch
- **Air Flow**: externally fitted air flowmeter 0-25 l/m

**Complimentary Equipments**
- Degassing system
- Booster pump

**Materials**
- **Ozone Generator**: mild steel, epoxy coated, enclosure
- **Module**: 316 stainless steel electrode assembly inside a ceramic dielectric tube
- **Air Dryer**:
  - twin dessiant colomn designed to operate at negative pressure
  - automatic colomn regenration by heat purging

**DIMENSIONS**

<table>
<thead>
<tr>
<th>OZONE GENERATOR (TOG B2)</th>
<th>Ozone Output (g/h)</th>
<th>Air Flow (l/m)</th>
<th>Weight (kg/lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>115 x 440 x 110</td>
<td>4.5 x 17.3 x 4.3</td>
<td>4.495.7</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AIR DRYER (TAD B1)</th>
<th>Ozone Output (g/h)</th>
<th>Air Flow (l/m)</th>
<th>Weight (kg/lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>305 x 440 x 110</td>
<td>12 x 17.3 x 4.3</td>
<td>10/22.0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DEGASSER TANK (TDG A1)</th>
<th>Ozone Output (g/h)</th>
<th>Air Flow (l/m)</th>
<th>Weight (kg/lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1600 x 250</td>
<td>63.0 x 9.8</td>
<td>29/63.9</td>
<td></td>
</tr>
</tbody>
</table>

(1) Empty

**Typical Installation of Ozone Generator without Contact Degassing**

**Typical Installation of Ozone Generator with Air Dryer and Contact Degassing System**

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**Contacts**

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Your local distributor: