Ozone Remediation Cabinets are a turnkey solution for smaller in-situ remediation sites. Cabinet will include every component necessary for ozone generation, control, and distribution of ozone gas into various wells.

STANDARD COMPONENTS INCLUDED
- Steel cabinet with two compartments
- Air Conditioner
- Oil-less Air Compressor
- Refrigerant Air Dryer
- Air Filtration System
- Oxygen Generator
- Ozone Generator
- Ozone Distribution Manifold
- Control System with touch screen HMI for valve timing

ORC TECHNOLOGY
The ORC units are ozone remediation systems installed into a cabinet that is turn-key and ready to operate. Cabinets can be wall mounted or floor standing. All equipment necessary for ozone production is provided inside this cabinet; only electrical power is required for operation. The top of the enclosure is air conditioned and sealed from the outdoor environment. The bottom of the enclosure is fan cooled to keep the compressor cool.

Each system is built to our customer’s specifications. We offer a variety of system sizes and configurations to fit most every application.

Oxidation Technologies, LLC.
214 W Highway 18
Inwood, IA 51240
(515) 635-5854
Sales@oxidationtech.com
www.oxidationtech.com
### ADVANTAGES
- Compact
- Lower overall capital cost
- Easy to set-up and operate

### DISADVANTAGES
- Lower available sparge pressure
- Higher maintenance frequency than a trailer
- Lower overall reliability than trailer systems

### ALL UNITS ARE CUSTOMIZABLE TO FIT YOUR SPECIFIC APPLICATION

### OPTIONS
- Inline Oxygen Purity Analyzer
- Oxygen Mass Flow meter
- Air Mass Flow meter
- Inline Ozone Analyzer
- Manifold Configuration

### Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>O3 Production</th>
<th>Number of Well Outputs</th>
<th>Number of Valves</th>
<th>Operation Pressure (PSI)</th>
<th>Max Pressure (PSI)</th>
<th>Oxygen Flow (SCFH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORC-1</td>
<td>1 lb/day</td>
<td>4 wells</td>
<td>1</td>
<td>25</td>
<td>50</td>
<td>20</td>
</tr>
<tr>
<td>ORC-2</td>
<td>2 lb/day</td>
<td>6 wells</td>
<td>6</td>
<td>25</td>
<td>50</td>
<td>20</td>
</tr>
<tr>
<td>ORC-4</td>
<td>4 lb/day</td>
<td>8 wells</td>
<td>8</td>
<td>25</td>
<td>50</td>
<td>40</td>
</tr>
<tr>
<td>ORC-6</td>
<td>6 lb/day</td>
<td>10 wells</td>
<td>10</td>
<td>25</td>
<td>50</td>
<td>40</td>
</tr>
<tr>
<td>ORC-8</td>
<td>8 lb/day</td>
<td>12 wells</td>
<td>12</td>
<td>25</td>
<td>50</td>
<td>60</td>
</tr>
</tbody>
</table>

### Sparge Air Flow Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Sparge Air Flow (CFM)</th>
<th>Cabinet Dimensions (W x T x D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORC-1</td>
<td>2</td>
<td>36 x 42 x 20</td>
</tr>
<tr>
<td>ORC-2</td>
<td>3</td>
<td>36 x 46 x 20</td>
</tr>
<tr>
<td>ORC-4</td>
<td>4</td>
<td>36 x 46 x 20</td>
</tr>
<tr>
<td>ORC-6</td>
<td>6</td>
<td>36 x 46 x 20</td>
</tr>
<tr>
<td>ORC-8</td>
<td>8</td>
<td>36 x 46 x 20</td>
</tr>
</tbody>
</table>

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