# SPECIFICATION

## ODOR CONTROL ADSORBER

### VOC/ODOR CONTROL

### DEEP BED DESIGN

<table>
<thead>
<tr>
<th>Model</th>
<th>G-20</th>
<th>G-21</th>
<th>G-22</th>
<th>G-23</th>
<th>G-24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Flow (CFM)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>For VOC Removal:</td>
<td>300</td>
<td>700</td>
<td>1200</td>
<td>1950</td>
<td>2800</td>
</tr>
<tr>
<td>For H2S Removal:</td>
<td>225</td>
<td>500</td>
<td>900</td>
<td>1400</td>
<td>2000</td>
</tr>
</tbody>
</table>

### Design Features:

- **Carbon Weight (lbs.):**
  - G-20: 275
  - G-21: 600
  - G-22: 1050
  - G-23: 1650
  - G-24: 2400

- **Pressure Drop at Max. Flow Rate (“wc):**
  - G-20: 9.0
  - G-21: 9.3
  - G-22: 9.0
  - G-23: 9.3
  - G-24: 9.3

- **Inlet (Pipe Stub):**
  - G-20: 4 inch
  - G-21: 6 inch
  - G-22: 8 inch
  - G-23: 8 inch
  - G-24: 8 inch

- **Outlet (Pipe Stub):**
  - G-20: 4 inch
  - G-21: 6 inch
  - G-22: 8 inch
  - G-23: 8 inch
  - G-24: 8 inch

- **Vessel Size:**
  - G-20: 2' D x 5' H
  - G-21: 3' D x 5' H
  - G-22: 4' D x 5' H
  - G-23: 5' D x 5' H
  - G-24: 6' D x 5' H

- **Vessel Design:**
  - Up-flow design with 3 foot carbon bed depth, FRP tank with white UV resistant coating, FRP support grating with PE screen.

- **Vessel Pressure Rating:**
  - 2 psi

- **Carbon:**
  - Vapor phase activated carbon, granular, 4 x 8 mesh, high activity, type CSV.

### Accessories:

- (1) 3/4” Drain
- (3) 1” Carbon Sample Ports
- (1) Grounding Rod
- (1) Rain Cap

### Options:

- Flanged Inlet
- 10” Flanged Cleanout Port on Lid

### Empty Vessel Weight including skid (lbs.):

- G-20: 125
- G-21: 280
- G-22: 525
- G-23: 800
- G-24: 1050

### Availability:

- 4 to 6 weeks after approval

3/19/21
SP-427/#1