**VCS Series**

**Stacked Bed Vapor GAC Vessel**

**Applications**
- Increased treatment capability on a smaller footprint
- Vapor phase granular activated carbon
- Impregnated granular activated carbon
- Impregnated activated clays/zeolite
- Bio venting & bio-pile systems
- Soil vapor/dual phase extraction off gas treatment
- Air stripper off gas treatment
- Excavation venting
- Industrial off gas treatment
- Odor control

**Features & Specifications**
- All Welded Steel construction, ASTM A-36 sheet steel
- Polyamide epoxy/urethane top coat finish inside & out
- Air plenum above and below the bed to minimize pressure loss and maintain even distribution across bed at low and high flows
- ¾” Drain valve
- Sample/pressure taps above & below the bed
- 22” Diameter top manway(s) with full faced neoprene gasket and zinc plated hardware
- Steel bar grating bed support deck with 316 stainless steel screen

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<table>
<thead>
<tr>
<th>Model Number</th>
<th>Inlet/Outlet Connection</th>
<th>Height In.</th>
<th>Diam In.</th>
<th>Rated Flow Parallel Bed, SCFM</th>
<th>Carbon Capacity Lbs.</th>
<th>Empty Weight Lbs.</th>
<th>Operating Weight Lbs.</th>
<th>Vacuum/Pressure Rating, “Hg/PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>VC-050</td>
<td>12” x 18” Duct flange</td>
<td>168</td>
<td>96</td>
<td>10,000</td>
<td>10,000</td>
<td>8,000</td>
<td>18,000</td>
<td>8” Hg/4 psi</td>
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<tr>
<td>VCS-078</td>
<td>12” x 24” Duct flange</td>
<td>168</td>
<td>120</td>
<td>15,600</td>
<td>15,000</td>
<td>12,000</td>
<td>27,000</td>
<td>4” Hg/2 psi</td>
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<tr>
<td>VCS-113</td>
<td>12” x 30” Duct flange</td>
<td>168</td>
<td>144</td>
<td>22,600</td>
<td>30,000</td>
<td>18,000</td>
<td>48,000</td>
<td>4” Hg/2 psi</td>
</tr>
</tbody>
</table>

**Options**

- Piping header or ducting for series, parallel or standby operation of (2), (3), or more vessels
- ASME designed & stamped for vacuum or pressure
- Heat trace for classified or non-classified electrical areas for freeze protection
- R-5 insulation with jacket, (steel or aluminum jacket)
- Higher Pressure or vacuum design
- Pressure relief assemblies, PRV or rupture disk
- Flow, pressure, level & temperature gages or transmitters
- Flanged or NPT inlet and outlet connections or additional manway

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![Image of VC Series Vapor Adsorber with 4X10 Mesh GAC](image-url)