Applications

- No expensive vacuum truck needed for carbon exchanges
- Vapor phase granular activated carbon
- Impregnated granular activated carbon
- Impregnated activated clays/zeolite
- Vapor phase polymers & resins
- Bio venting & bio-pile systems
- Soil vapor/dual phase extraction off gas treatment
- Air stripper off gas treatment
- Excavation venting
- Remediation industry
- Odor control

Features & Specifications *(Patent Pending)*

- 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
  Optional air filter with polyester element sized for specific blower, housed in separator (polyester element standard)
- Manual chain hoist to lift vessel for easy changeout of carbon

H2K Technologies, Inc.
7550 Commerce St
Corcoran, MN 55340
Phone: 763.746.9900
Fax: 763.746.9903
www.H2KTECH.com
Sales@H2KTech.com
### Features

- **Stainless steel or Fiberglass reinforced plastic construction**
- **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**

### Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Inlet/Outlet Connection</th>
<th>Diam In.</th>
<th>Base Height In.</th>
<th>Vessel Height In.</th>
<th>Total Height In.</th>
<th>Rated Flow 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>VCD-050</td>
<td>12” dia.x¼” plate flange</td>
<td>96</td>
<td>48</td>
<td>84</td>
<td>167</td>
<td>5,000</td>
<td>5,000</td>
<td>5,500</td>
<td>10,500</td>
<td>8”Hg/4psi</td>
</tr>
<tr>
<td>VCD-078</td>
<td>24” dia.x¼” plate flange</td>
<td>120</td>
<td>54</td>
<td>84</td>
<td>167</td>
<td>7,800</td>
<td>6,000</td>
<td>7,000</td>
<td>13,000</td>
<td>4” Hg/2psi</td>
</tr>
</tbody>
</table>

### Pressure Drop for VCD Series Vapor Adsorber with 4X10 Mesh GAC

![Pressure Drop Graph](image)