VC Series
Vapor Phase GAC Carbon Vessel

Applications

- 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

- All Welded Steel construction, ASTM A-36 sheet steel
- Polyamide epoxy/urethane top coat finish inside & out
- Fork tubes for easy lifting
- 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
- Less than 8’ overall height to allow easy transport and loading on common carrier
- 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)
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<tbody>
<tr>
<td>VC-003</td>
<td>2” FPT (top in &amp; out)</td>
<td>36½</td>
<td>24 ¼</td>
<td>24 ¼</td>
<td>120</td>
<td>200</td>
<td>65</td>
<td>275</td>
<td>17”Hg/10psi</td>
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<td>4” FPT (top in &amp; out)</td>
<td>38½</td>
<td>28 ½</td>
<td>28 ½</td>
<td>250</td>
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<td>100</td>
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<td>30</td>
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<td>38</td>
<td>44</td>
<td>700</td>
<td>1,000</td>
<td>700</td>
<td>1,800</td>
<td>17”Hg/9psi</td>
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<td>54</td>
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<td>1,500</td>
<td>950</td>
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<td>60</td>
<td>66</td>
<td>1,600</td>
<td>2,000</td>
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<td>78</td>
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<td>3,000</td>
<td>1,800</td>
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<td>96</td>
<td>102</td>
<td>3,700</td>
<td>5,000</td>
<td>2,900</td>
<td>8,000</td>
<td>8”Hg/4psi</td>
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**Options**

- 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