### CarVac Series V

**Stationary and Mobile Models**

### Product Features

**Vacuum Producer**
- Vortex® regenerative
- Single stage direct drive
- Upblast exhaust with diffuser
- Vacuum relief valve
- Average sound level: 79 dBA at 3 ft.
- Factory performance tested

**Motor**
- 4, 5 or 7½ HP, 3500 rpm
- 200-230/460 or 575 volt, three phase, 60 Hz
- TEF C enclosure
- Bearing life: 100,000 hours (L-10)

**Separator**
- Tubular bag separator, shaker type – 24" dia.
- Multiple inverted filter bags: 10
- Filter bag area: 18 sq. ft.
- Filter bag material: cotton sateen (Part No. BVA90225)
- Filter bag diameter: 5 in. (Cat. No. 5250-N)
- External manual bag shaker
- Large, hinged inspection door
- Removable dirt can, cam actuated, capacity: 2¼ cu. ft.
- Average filtration efficiency: 99.9% at 3 microns
- Dual axial inlets with target plate:
  - **Stationary:**
    - primary inlet – 2½" tubing with sleeve
    - secondary inlet – inlet valve (Part No. VLV90083) for 1½" diameter hose – 7½ HP only
  - **Mobile:**
    - one inlet valve (Part No. VLV90083) for 1½" diameter hose
    - two inlet valves (Part No. VLV90083) for 1¾" diameter hose – 7½ HP only

**Base**
- **Stationary:** integral frame with tool tray
- Rubber wheels (front); swivel locking casters (rear)
- **Mobile:**
  - NEMA 1 across-the-line starter
  - 50 ft. electrical cable
  - Integral frame with tool tray

### Performance Data

<table>
<thead>
<tr>
<th>Volume (SCFM)</th>
<th>Vacuum (In. Hg)*</th>
<th>Motor HP</th>
<th>Catalog Number Stationary</th>
<th>Catalog Number Mobile</th>
<th>Shipping Weight (lb.)</th>
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</thead>
<tbody>
<tr>
<td>70</td>
<td>4.8/4.3</td>
<td>4</td>
<td>SAA138.330</td>
<td>PAA138.330</td>
<td>640</td>
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<td>85</td>
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<td>SAA138.337</td>
<td>PAA138.337</td>
<td>670</td>
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<tr>
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<td>5.2/4.7</td>
<td>7½</td>
<td>SAA138.355</td>
<td>PAA138.355</td>
<td>700</td>
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</tbody>
</table>

*Performance based on 70°F inlet temperature at sea level.

### Available Options
- Explosion-proof motors
- NEMA 4, 7 and 9 starter enclosures
- Grounded filter bags
- Additional filter bag materials
- HEPA final filter
- Dirt can liner with equalizing line
- Inlet valve (Part No. VLV90100) for 2” dia. hose – 7-1/2 HP only
- Rear primary inlet position

### Materials of Construction
- Base, separator and dirt can: ASTM A569 hot-rolled steel
- Impeller: Alloy 360 aluminum
- Finish: Epoxy primer with Spencer blue urethane topcoat

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