Industravac®
Series A
Stationary & Mobile Models

Product Features

**Vacuum Producer**
- Multistage centrifugal
- Standard overhung direct drive
- 6” tubing upblast exhaust (diffuser on mobile)
- Average sound pressure level: 79 dBA at 3 ft.
- Factory performance tested

**Motor**
- 5, 7½ or 10 HP, 3500 rpm
- 208-230/460 volt, 3 phase, 60 Hz
- Open drip-proof
- Bearing life: 100,000 hours (L-10)

**Separator**
- Tubular bag separator, shaker type: 24” diameter
- Multiple inverted filter bags: Quantity 10
- Filter bag area: 39 sq. ft.
- Filter bag material: cotton sateen (Part No. BVA90061)
- Filter bag diameter: 5” (Cat. No. 5445-N)
- External manual bag shaker
- Large, hinged inspection door
- Removable dirt can, cam actuated, capacity: 2½ cu. ft.
- Average filtration efficiency: 99.9% at 3 microns
- Dual axial inlets with target plate:
  - Stationary: primary inlet – 4” tubing with sleeve secondary inlet – inlet valve (Part No. VLV90083) for 1½” diameter hose
  - Mobile: two inlet valves (Part No. VLV90083) for 1½” diameter hose

**Base**
- Stationary: common frame with mounting pads
- Mobile: large molded rubber tires
- NEMA 1 across-the-line starter
- 50 ft. electrical cable

**Available Options**
- TEFC and explosion-proof motors
- Special motor voltages
- NEMA 4, 7 and 9 starter enclosures
- Grounded filter bags
- Other filter bag materials
- Dirt can liners (with equalizing line)
- Discharge silencer
- Discharge throttling valve
- Inlet valve (Part No. VLV90100) for 2” diameter hose
- 4" threaded inlet to accommodate larger than 2” valve
- Motorized bag shaker
- Explosion relief vent
- Rear primary inlet position

Performance Data

<table>
<thead>
<tr>
<th>Volume (SCFM)</th>
<th>Vacuum (In. Hg)</th>
<th>Motor HP</th>
<th>Catalog Number</th>
<th>Shipping Weight (lb.)</th>
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<td>110</td>
<td>6.0</td>
<td>5</td>
<td>SA505A</td>
<td>PA505A</td>
</tr>
<tr>
<td>120</td>
<td>7.9</td>
<td>7½</td>
<td>SA707A</td>
<td>PA707A</td>
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<tr>
<td>175</td>
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<td>7½</td>
<td>SA607A</td>
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<td>5</td>
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<tr>
<td>340</td>
<td>4.0</td>
<td>7½</td>
<td>SA407A</td>
<td>PA407A</td>
</tr>
</tbody>
</table>

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

Materials of Construction
- Casing, separator, base, dirt can: ASTM A1011 hot-rolled steel
- Impellers: 5052-H34 aluminum
- Shaft: AISI-1045 hot-rolled bar steel
- Finish: epoxy primer with Spencer blue urethane topcoat
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Stationary Model

Mobile Model

Performance Data | Motor Data | Separator Filter Data
---|---|---
Volume (SCFM) | HP | Area: 39 sq. ft.
Vacuum (In. Hg) | RPM |
Discharge Pressure (PSIA) | Voltage |
Inlet Temperature (°F) | Phase | Bag Quantity: 10

Spencer may make improvements and dimensional changes to equipment designs based on market trends and requirements.

For product selection assistance, please email marketing@spencer-air.com or visit our website at www.spencerturbine.com to locate the Spencer representative in your area.

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