Industravac®
Series C
Stationary Models

Product Features

Vacuum Producer
- Multistage centrifugal
- Standard overhung direct drive
- Bottom exhaust with silencer (Patent No. 4,874,410)
- Average sound level from 84 dBA at 3 feet
- Factory performance tested

Motor
- 10, 15, 20 or 25 HP, 3500 rpm
- 200-230/460 or 575 volt, three phase, 60 Hz
- TEFC
- Bearing life: 100,000 hours (L-10)

Separator
- Tubular bag separator, shaker type: 30" diameter
- Multiple-inverted filter bags: Quantity 12
- Filter bag area: 56.5 sq. ft
- Filter bag material: cotton sateen (Part No. BVA90051)
- Filter bag diameter: 6" (Cat. No. 6445-N)
- External manual bag shaker
- Large, hinged inspection door (accepts padlock)
- Removable dirt can, cam actuated, capacity: 4 1/3 cu. ft.
  (accepts padlock)
- Average filtration efficiency: 99.9% at 3 microns
- Axial inlets with target plate:
  primary inlet – 5" tubing with sleeve
  secondary inlet – inlet valve
  (Part No. VLV90083) for 1 1/2" diameter hose

Base
- Stationary; common frame with mounting pads

Available Options
- Explosion-proof and premium efficiency motors
- NEMA 4, 7 and 9 starter enclosures
- Grounded filter bags
- Other filter bag materials
- Dirt can liners (with equalizing line)
- Inlet valve (Part No. VLV90100) for 2" diameter hose
- Island adapter kit (Part No. PLT90023)
- Bottom discharge conversion adapter to change to 6" tube horizontal on motor end (Part No. KAC90144)

Number of Operators

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Number of Operators</th>
<th>Motor Hp</th>
<th>Shipping Weight (lb.)</th>
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<tr>
<td>SC410</td>
<td>4</td>
<td>10</td>
<td>1100</td>
</tr>
<tr>
<td>SC415</td>
<td>6</td>
<td>15</td>
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<td>10</td>
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<td>SC515</td>
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<td>1215</td>
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<tr>
<td>SC520</td>
<td>7</td>
<td>20</td>
<td>1215</td>
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<td>8</td>
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<td>SC625</td>
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<td>25</td>
<td>1350</td>
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</tbody>
</table>

Performance based on 70 °F inlet temperature at sea level.
*Based on 100 SCFM/Operator with 1 1/2" diameter x 15 feet hose.

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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**Performance Data**

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<th>Number of Operators</th>
<th>HP</th>
<th>RPM</th>
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<tbody>
<tr>
<td>Catalog No.</td>
<td>Voltage</td>
<td>Phase</td>
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<tr>
<td>Discharge Pressure (PSIA)</td>
<td>Area: 56.5 sq. ft.</td>
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<tr>
<td>Inlet Temperature (°F)</td>
<td>Bag Quantity: 12</td>
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**Motor Data**

<table>
<thead>
<tr>
<th>HP</th>
<th>RPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>Phase</td>
</tr>
<tr>
<td>Enclosure</td>
<td></td>
</tr>
</tbody>
</table>

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**Separator Filter Data**

| Area: 56.5 sq. ft. |
| Bag Quantity: 12 |
| Bag Catalog No.: 6445-N |
| Bag Material: |

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- 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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