Industravac®
Series B
Stationary & Mobile Models

Vacuum Producer
- Multistage centrifugal
- Standard overhung direct drive
- 6" tubing upblast exhaust (diffuser on mobile)
- Average sound pressure level: 83 dBA at 3 ft.
- Factory performance tested

Motor
- 10, 15 or 20 HP, 3500 rpm
- 208-230/460 or 575 volt, 3 phase, 60 Hz
- Open drip-proof
- Bearing life: 100,000 hours (L-10)

Separator
- Tubular bag separator, shaker type: 30" diameter
- Multiple inverted filter bags: Quantity 19
- Filter bag area: 75 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: 4½ cu. ft.
- Average filtration efficiency: 99.9% at 3 microns

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>Stationary</th>
<th>Mobile</th>
<th>Weight (lb.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>8.0</td>
<td>15</td>
<td>SB-715B</td>
<td>PB-715B</td>
<td>1135</td>
</tr>
<tr>
<td>400</td>
<td>6.9</td>
<td>15</td>
<td>SB-615B</td>
<td>PB-615B</td>
<td>1125</td>
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<td>420</td>
<td>4.9</td>
<td>10</td>
<td>SB-410B</td>
<td>PB-410B</td>
<td>1050</td>
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<td>430</td>
<td>8.4</td>
<td>20</td>
<td>SB-720B</td>
<td>PB-720B</td>
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<td>520</td>
<td>5.7</td>
<td>15</td>
<td>SB-515B</td>
<td>PB-515B</td>
<td>1115</td>
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<tr>
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<td>4.4</td>
<td>15</td>
<td>SB-415B</td>
<td>PB-415B</td>
<td>1105</td>
</tr>
<tr>
<td>610</td>
<td>6.1</td>
<td>20</td>
<td>SB-620B</td>
<td>PB-620B</td>
<td>1150</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

Spencer Industravac Series B stationary model shown. Mobile models also available.
**Industravac® Series B**

Stationary & Mobile Models

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**Stationary Model**

- **INLET VALVE**
- **MANUAL BAG SHAKER**

**Mobile Model**

- **INLET VALVE**
- **MANUAL BAG SHAKER**

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**Performance Data**

<table>
<thead>
<tr>
<th>Volume (SCFM)</th>
<th>HP</th>
<th>RPM</th>
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<tbody>
<tr>
<td></td>
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</table>

**Motor Data**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Phase</th>
<th>Hz</th>
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<tbody>
<tr>
<td></td>
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**Separator Filter Data**

<table>
<thead>
<tr>
<th>Area: 75 sq. ft.</th>
<th>Bag Quantity: 19</th>
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<tbody>
<tr>
<td>Bag Catalog No.: 5445-N</td>
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<tr>
<td>Bag Material:</td>
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**Industravac®** is a registered trademark of The Spencer Turbine Company.

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**Blowers & Vacuum Systems with an Engineering Edge**

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