Product Features

Vacuum Producer
- Multistage centrifugal
- Standard overhung direct drive
- 8" flanged upblast exhaust
- Average sound pressure level: 85 dBA at 3 ft.
- Factory performance tested

Motor
- 25, 30 or 40 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: 36" diameter
- Multiple inverted filter bags: Quantity 24
- Filter bag area: 129 sq. ft.
- Filter bag material: cotton sateen (Part No. BVA90044)
- Filter bag diameter: 5" (Cat. No. 5575-N)
- External manual bag shaker
- Large, hinged inspection door
- Removable dirt can, cam actuated, capacity: 7½ cu. ft.
- Average filtration efficiency: 99.9% at 3 microns
- Dual axial inlets with target plate:
  - primary inlet – 6" tubing with sleeve
  - secondary inlet – inlet valve (Part No. VLV90083) for 1½" diameter hose

Base
- Stationary: common frame with mounting pads

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. VLV90083) 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>
</tr>
</thead>
<tbody>
<tr>
<td>740</td>
<td>7.6</td>
<td>30</td>
<td>SD-430B</td>
<td>2000</td>
</tr>
<tr>
<td>820</td>
<td>8.9</td>
<td>40</td>
<td>SD-540B</td>
<td>2050</td>
</tr>
<tr>
<td>1000</td>
<td>5.0</td>
<td>25</td>
<td>SD-325B</td>
<td>1950</td>
</tr>
<tr>
<td>1080</td>
<td>6.8</td>
<td>40</td>
<td>SD-440B</td>
<td>2030</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
Industravac® Series D
Stationary Models

Stationary Model

Dimensions: Shown in inches / (mm)

Performance Data

<table>
<thead>
<tr>
<th>Volume (SCFM)</th>
<th>HP</th>
<th>Motor Data</th>
<th>Area: 129 sq. ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>RPM</td>
<td></td>
</tr>
<tr>
<td>Vacuum (In. Hg)</td>
<td></td>
<td>Voltage</td>
<td></td>
</tr>
<tr>
<td>Discharge Pressure (PSIA)</td>
<td></td>
<td>Phase Hz</td>
<td></td>
</tr>
<tr>
<td>Inlet Temperature (°F)</td>
<td></td>
<td>Enclosure</td>
<td></td>
</tr>
</tbody>
</table>

Separator Filter Data

<table>
<thead>
<tr>
<th>Bag Quantity: 24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bag Catalog No.: 5575-N</td>
</tr>
<tr>
<td>Bag Material:</td>
</tr>
</tbody>
</table>

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.

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

Industravac® is a registered trademark of The Spencer Turbine Company.

Blowers & Vacuum Systems with an Engineering Edge

The Turbine Company, 600 Day Hill Road, Windsor, CT 06095 USA

TEL 800.232.4321 • 860.688.8361 • FAX 860.688.0098 • www.spencerturbine.com

TDS_296E Copyright ©2016 The Spencer Turbine Company Printed in USA 020116KBA