



Spencer Industravac Series A stationary model shown. Mobile models also available.

## Performance Data

| Volume (SCFM) | Vacuum (In. Hg) | Motor HP | Catalog Number |        | Shipping Weight (lb.) |
|---------------|-----------------|----------|----------------|--------|-----------------------|
|               |                 |          | Stationary     | Mobile |                       |
| 110           | 6.0             | 5        | SA505A         | PA505A | 865                   |
| 120           | 7.9             | 7½       | SA707A         | PA707A | 950                   |
| 175           | 6.9             | 7½       | SA607A         | PA607A | 940                   |
| 155           | 4.6             | 5        | SA405A         | PA405A | 855                   |
| 220           | 7.8             | 10       | SA710A         | PA710A | 950                   |
| 250           | 5.6             | 7½       | SA507A         | PA507A | 930                   |
| 290           | 6.5             | 10       | SA610A         | PA610A | 940                   |
| 340           | 4.0             | 7½       | SA407A         | PA407A | 920                   |

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

## 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: 2¼ 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

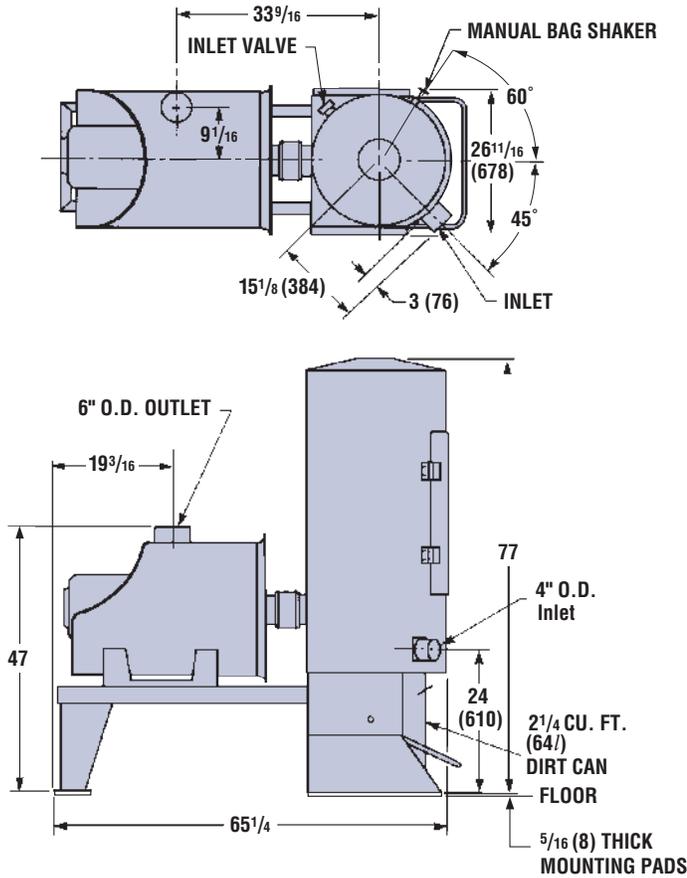
### Base

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

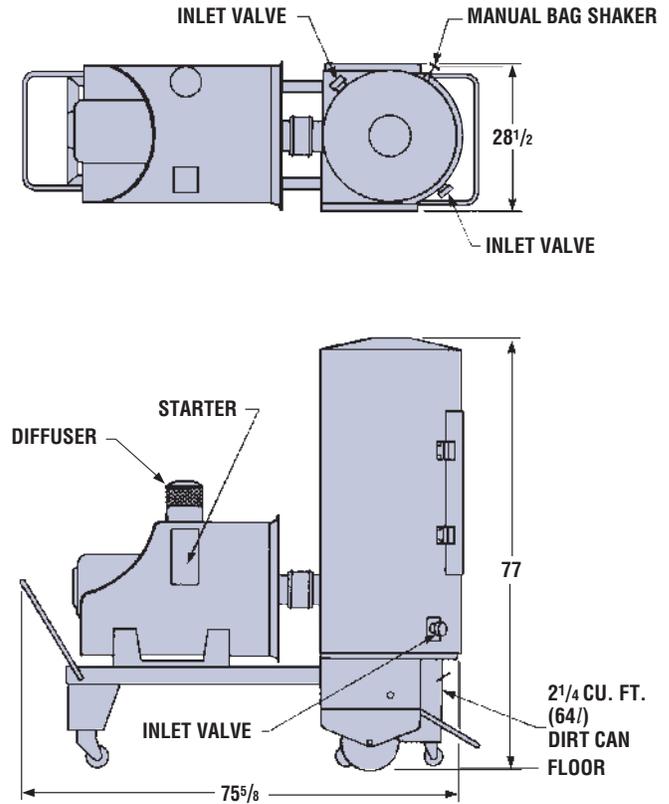
### Available Options

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

**Stationary Model**



**Mobile Model**



| Performance Data                | Motor Data           | Separator Filter Data         |
|---------------------------------|----------------------|-------------------------------|
| Volume (SCFM) _____             | HP _____ RPM _____   | Area: 39 sq. ft. _____        |
| Vacuum (In. Hg) _____           | Voltage _____        | Bag Quantity: 10 _____        |
| Discharge Pressure (PSIA) _____ | Phase _____ Hz _____ | Bag Catalog No.: 5445-N _____ |
| Inlet Temperature (°F) _____    | Enclosure _____      | Bag Material: _____           |

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

**In Australia, for product selection and sales assistance, please contact:**

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