

# Spencer® *Technical Data Sheet*



Pictured with optional vacuum hose and tool accessories.

## Performance Data

Volume (SCFM)	Vacuum (In. Hg)*	Motor HP	Catalog Number		Shipping Weight lb.
			Stationary	Mobile	
70	4.8/4.3	4	SAA138.330	PAA138.330	640
85	5.0/4.5	5	SAA138.337	PAA138.337	670
150	5.2/4.7	7½	SAA138.355	PAA138.355	700

Performance based on 70°F inlet temperature at sea level.  
\*Ratings at vacuum producer inlet/separator inlet.

## Materials of Construction

- Base, separator and dirt can: ASTM A569 hot-rolled steel
- Impeller: Alloy 360 aluminum
- Finish: Epoxy primer with Spencer blue urethane topcoat

## Industravac® Series V, Stationary and Mobile Models

### Vacuum Producer

- Vortex® regenerative
- Single stage direct drive
- Upblast exhaust with diffuser
- Vacuum relief valve
- Average sound level: 79 dBA at 3 ft.
- Factory performance tested

### Motor

- 4, 5, or 7½ HP, 3500 rpm
- 200-230/460 or 575 volt, 3 phase, 60 Hz
- TEFC enclosure
- Bearing life: 100,000 hours (L-10)

### Separator

- Tubular bag separator, shaker type - 24 in. dia.
- Multiple inverted filter bags: Quantity 10
- Filter bag area: 18 sq. ft.
- Filter bag material: cotton sateen (Part No. BVA90225)
- Filter bag diameter: 5 in. (Cat. No. 5250-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 – 2½ in. tubing with sleeve
    - secondary inlet – inlet valve (Part No. VLV90083) for 1½ in. diameter hose – 7½ HP only
  - Mobile:
    - one inlet valve (Part No. VLV90083) for 1½ in. diameter hose
    - two inlet valves (Part No. VLV90083) for 1½ in. diameter hose – 7½ HP only

### Base

- Stationary:
  - integral frame with tool tray
- Mobile:
  - rubber wheels (front), swivel locking casters (rear)
  - NEMA 1 across-the-line starter
  - 50 ft. electrical cable
  - integral frame with tool tray

### Available Options

- Explosion-proof motors
- NEMA 4, 7, and 9 starter enclosures
- Grounded filter bags
- Additional filter bag materials
- HEPA final filter
- Dirt can liner with equalizing line
- Inlet valve (Part No. VLV90100) for 2 in. dia. hose - 7½ HP only
- Rear primary inlet position