

Spencer® *Technical Data Sheet*



Industravac® Series 100, Stationary and Portable Models

Vacuum Producer

- Multi-stage centrifugal
- P/S-136.1-BD, P/S-138.1-BD Belt Drive
- 2 1/8 in. upblast exhaust (diffuser on portable)
- Average sound pressure level: 75 dBA at 3 feet
- Factory performance tested

Motor

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

Separator

- Tubular bag separator, shaker type: 14 in. dia.
- Multiple inverted bags: Qty 7
- Filter bag area: 11 sq. ft
- Filter bag material: cotton sateen (Part No. BVA-90079)
- Filter bag diameter: 4 in. (Cat. No. 4250N)
- 2 in. threaded inlet with sleeve (stationary)
- Inlet valve (part no. VLV-90083) for 1 1/2 in. diameter hose (portable)
- Removable top cover for bag access
- Removable dirt can, cam actuated, capacity: 1 1/3 cu. ft.
- Average filtration efficiency: 99.9% at 3 microns

Base

- Stationary ■ common frame with mounting pads
- Portable ■ 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
- Cotton twill (Part No. BVA-90070) or other filter bag materials
- Dirt can liners (with equalizing line)
- Discharge silencer

Performance Data

Volume (SCFM)	Vacuum (In. Hg)	Motor HP	Catalog Number		Shipping Weight (lb.)
			Stationary	Portable	
55	4	2	S-136.1-BD	P-136.1-BD	350
70	4.5	3	S-138.1-BD	P-138.1-BD	375

Performance based on 70°F inlet temperature at sea level.

Materials of Construction

- Casing, separator, base, dirt can: ASTM A569 hot-rolled steel
- Impellers: 5052-H34 aluminum
- Shaft: AISI-1045 hot-rolled bar steel
- Finish: epoxy primer with Spencer blue urethane topcoat

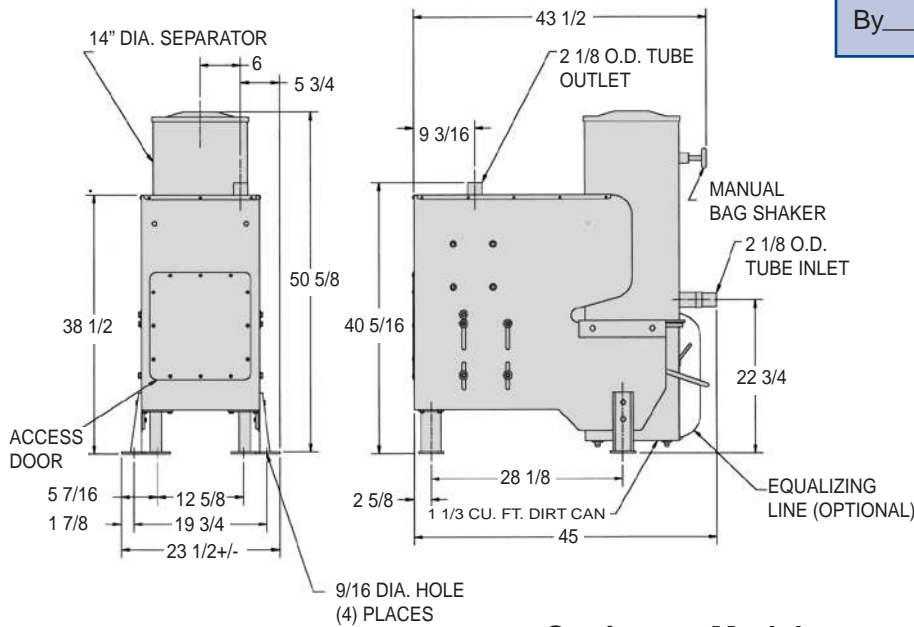
Industravac[®]

Series 100

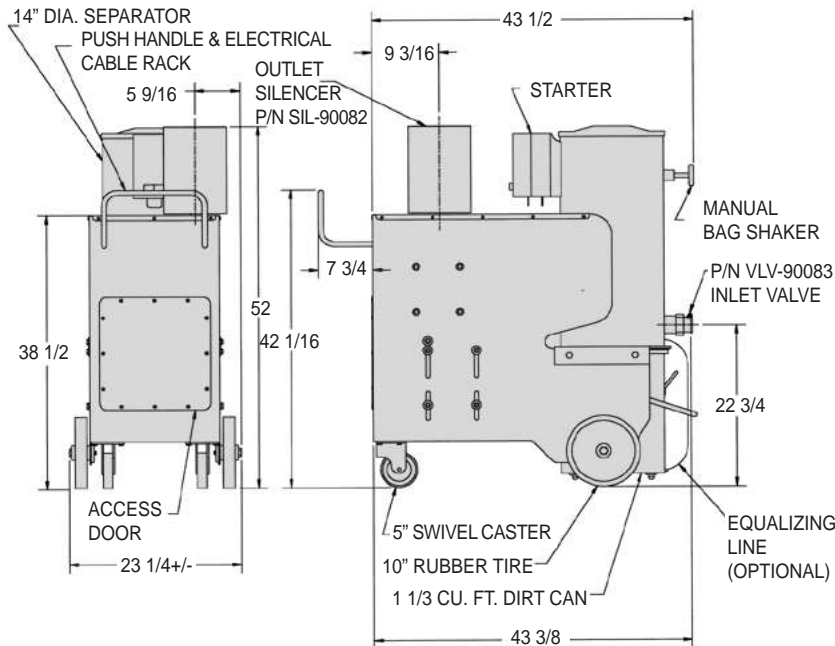
Certified Preliminary

Installation _____
 Customer _____
 Customer Order No. _____
 Spencer Machine No. _____
 Catalog No. _____
 By _____ Date _____

Dimensions All dimensions are in inches



Stationary Model



Portable Model

Performance Data

Volume (SCFM) _____
 Vacuum (In. Hg) _____
 Discharge Pressure (PSIA) _____
 Inlet Temperature (°F) _____

Motor Data

HP _____ RPM _____
 Voltage _____
 Phase _____ Hz _____
 Enclosure _____

Separator Filter Data

Area: 11 sq. ft.
 Bag Quantity: 7
 Bag Catalog No.: 4250N
 Bag Material: _____