

Spencer® *Technical Data Sheet*



Industravac® Series C, Stationary Models

Vacuum Producer

- Multi-stage centrifugal
- Standard overhung direct drive
- Bottom exhaust with silencer (Patent No. 4,874,410)
- Average sound level: from 84 dBA at 3 feet
- Factory performance tested

Motor

- 10, 15 or 20 HP, 3500 rpm
- 200-230/460 or 575 volt, 3 phase, 60 Hz
- TEFC
- Bearing life: 100,000 hours (L-10)

Separator

- Tubular bag separator, shaker type: 30 in. dia.
- Multiple-inverted filter bags: Quantity 12
- Filter bag area: 56.5 sq. ft
- Filter bag material: cotton sateen (Part No. BVA-90051)
- Filter bag diameter: 6 in. (Cat. No. 6445-N)
- External manual bag shaker
- Large, hinged inspection door (accepts padlock)
- Removable dirt can, cam actuated, capacity: 4 1/3 cu. ft. (accepts padlock)
- Average filtration efficiency: 99.9% at 3 microns
- Axial inlets with target plate:
 - primary inlet – 5 in. tubing with sleeve
 - secondary inlet – inlet valve (Part No. VLV-90083) for 1 1/2 in. diameter hose

Base

- Stationary ■ common frame with mounting pads

Available Options

- Explosion-proof motors
- NEMA 4, 7, and 9 starter enclosures
- Grounded filter bags
- Other filter bag materials
- Dirt can liners (with equalizing line)
- Inlet valve (Part No. VLV-90100) for 2 in. diameter hose
- Island adapter kit (Part No. PLT-90023)
- Bottom discharge conversion adapter to change to 6" tube horizontal on motor end (Part No. KAC90144)

Performance Data

Catalog Number	Number of Operators	Vacuum Range "Hg	Motor Hp	Shipping Weight (lb.)
SC-410	4	4.5 - 5.0	10	1100
SC-415	6	4.5 - 5.0	15	1100
SC-420	8	4.5 - 5.0	20	1100
SC-510	3	5.5 - 6.0	10	1215
SC-515	5	5.5 - 6.0	15	1215
SC-520	7	5.5 - 6.0	20	1215
SC-525	8	5.5 - 6.0	25	1215
SC-615	4	7.0	15	1350
SC-620	5	7.0	20	1350
SC-625	7	7.0	25	1350

Performance based on 70°F inlet temperature at sea level.
Based on 100 SCFM/Operator with 1-1/2" diameter x 15 feet hose.

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 C

☐ Certified

☐ Preliminary

Installation _____

Customer _____

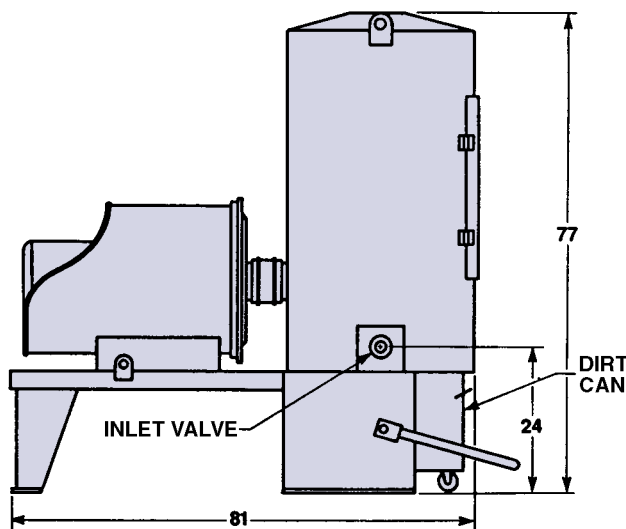
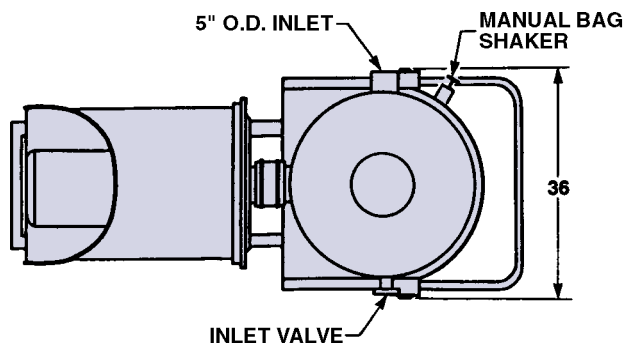
Customer Order No. _____

Spencer Machine No. _____

Catalog No. _____

By _____ Date _____

Dimensions All dimensions are in inches



Performance Data

Number of Operators _____

Catalog No. _____

Discharge Pressure (PSIA) _____

Inlet Temperature (°F) _____

Motor Data

HP _____ RPM _____

Voltage _____

Phase _____ Hz _____

Enclosure _____

Separator Filter Data

Area: 56.5 sq. ft.

Bag Quantity: 12

Bag Catalog No.: 6445-N

Bag Material: _____



The

Spencer

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Blowers & Vacuum Systems with an Engineering Edge

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