



Spencer CarVac Series C shown with optional Energy Watcher® power savings control device which automatically ramps motor speed up and down as power is needed.

### Number of Operators

| Catalog Number | Number of Operators* | Motor Hp | Shipping Weight (lb.) |
|----------------|----------------------|----------|-----------------------|
| SC410          | 4                    | 10       | 1100                  |
| SC415          | 6                    | 15       | 1100                  |
| SC420          | 8                    | 20       | 1100                  |
| SC510          | 3                    | 10       | 1215                  |
| SC515          | 5                    | 15       | 1215                  |
| SC520          | 7                    | 20       | 1215                  |
| SC525          | 8                    | 25       | 1215                  |
| SC615          | 4                    | 15       | 1350                  |
| SC620          | 5                    | 20       | 1350                  |
| SC625          | 7                    | 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 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
- Bottom exhaust with silencer (Patent No. 4,874,410)
- Average sound level from 84 dBA at 3 feet
- Factory performance tested

#### Motor

- 10, 15, 20 or 25 HP, 3500 rpm
- 200-230/460 or 575 volt, three phase, 60 Hz
- TEFC
- Bearing life: 100,000 hours (L-10)

#### Separator

- Tubular bag separator, shaker type: 30" diameter
- Multiple-inverted filter bags: 12
- Filter bag area: 56.5 sq. ft
- Filter bag material: cotton sateen (Part No. BVA90051)
- Filter bag diameter: 6" (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" tubing with sleeve
  - Secondary inlet: inlet valve (Part No. VLV90083) for 1 1/2" diameter hose

#### Base

- Stationary; common frame with mounting pads

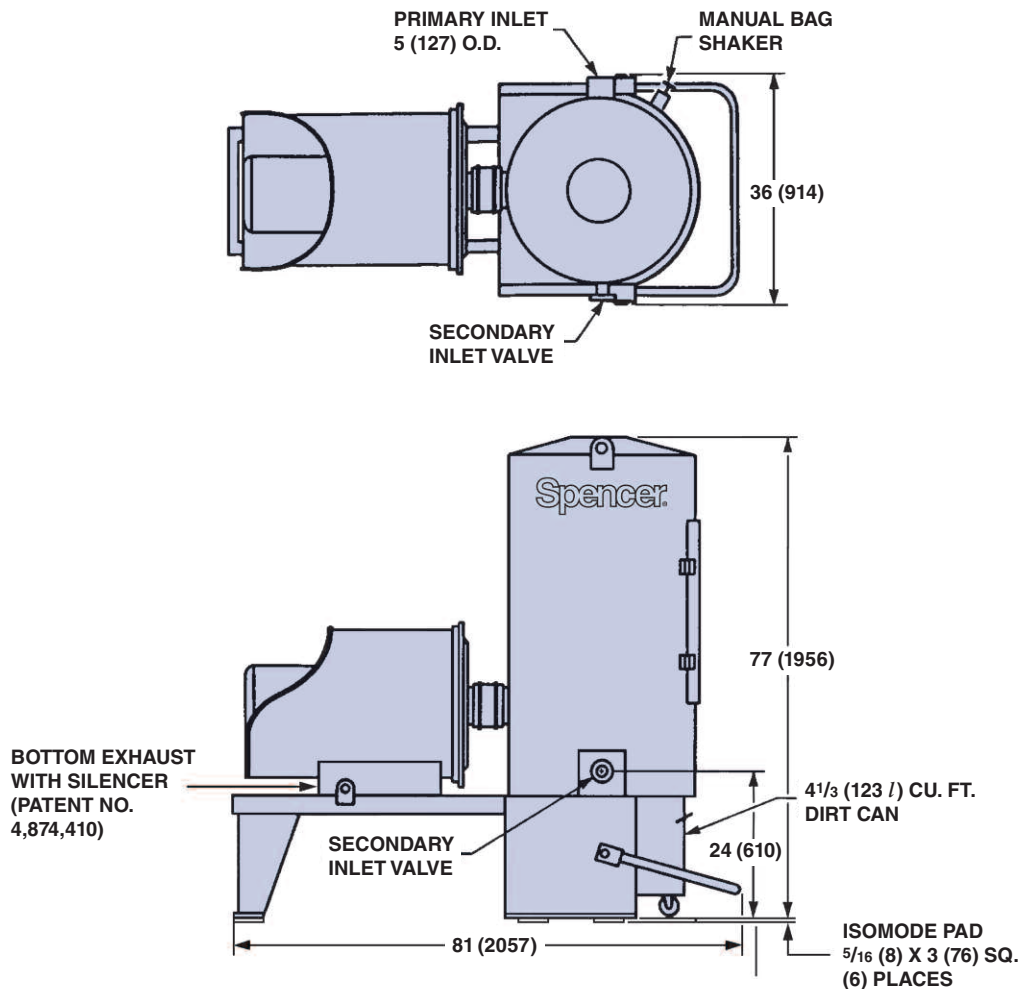
#### Available Options

- Explosion-proof and premium efficiency 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. VLV90100) for 2" diameter hose
- Island adapter kit (Part No. PLT90023)
- Bottom discharge conversion adapter to change to 6" tube horizontal on motor end (Part No. KAC90144)

# CarVac™ Series C, Stationery Models

**Dimensions:** Shown in inches / (mm)

Dimensions are approximate and intended for reference only.



| Performance Data                | Motor Data           | Separator Filter Data         |
|---------------------------------|----------------------|-------------------------------|
| Number of Operators _____       | HP _____ RPM _____   | Area: 56.5 sq. ft. _____      |
| Catalog No. _____               | Voltage _____        | Bag Quantity: 12 _____        |
| Discharge Pressure (PSIA) _____ | Phase _____ Hz _____ | Bag Catalog No.: 6445-N _____ |
| Inlet Temperature (°F) _____    | Enclosure _____      | Bag Material: _____           |


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

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Energy Watcher® is a registered trademark of The Spencer Turbine Company.

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Car Care Vacuum Systems with an Engineering Edge

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