



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.

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

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. BVA-90051)
- 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. VLV-90083) 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. VLV-90100) for 2" 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)