



Series V stationary model



Series V mobile model shown 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 A1011 hot-rolled steel
- Impeller: Alloy 360 aluminum
- Finish: Epoxy primer with Spencer blue urethane topcoat

Product Features

Vacuum Producer

Vortex® regenerative
Single stage direct drive
Upblast exhaust with diffuser
Vacuum relief valve
Average sound level: 82 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" diameter
Multiple inverted filter bags: Quantity 10
Filter bag area: 18 sq. ft.
Filter bag material: cotton sateen (Part No. BVA90225)
Filter bag diameter: 5" (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" tubing with sleeve
secondary inlet – inlet valve
(Part No. VLV90083) for 1½" diameter
hose – 7½ HP only
Mobile: one inlet valve (Part No. VLV90083)
for 1½" diameter hose
two inlet valves (Part No. VLV90083)
for 1½" diameter hose – 7½ HP only

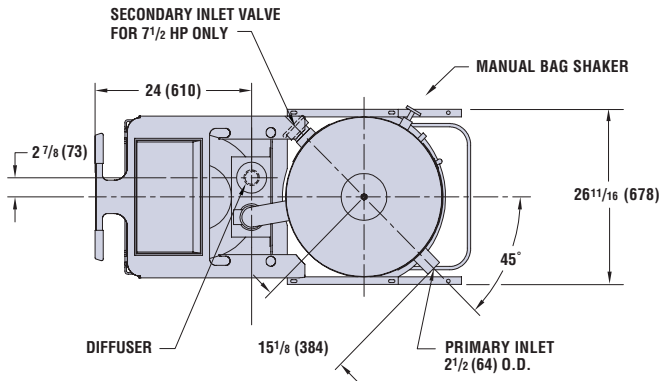
Base

Stationary: integral frame with mounting pads and tool tray
Mobile: integral frame with tool tray
rubber wheels and swivel locking caster
NEMA 1 across-the-line starter
50 ft. electrical cable

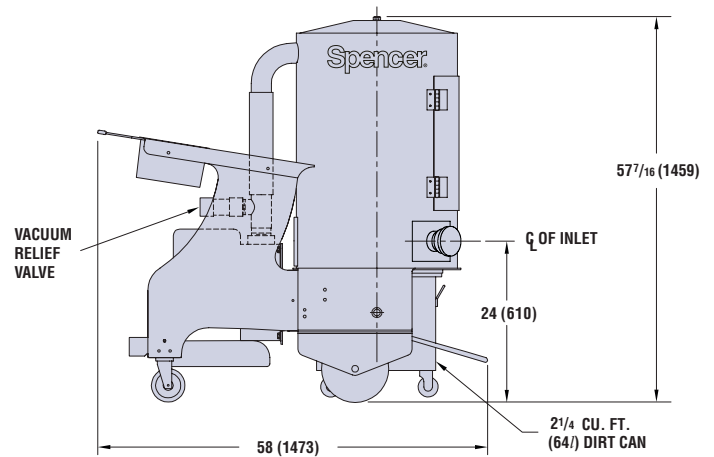
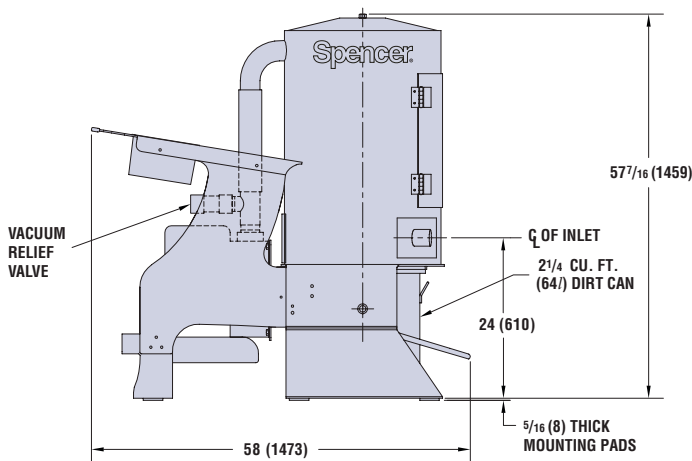
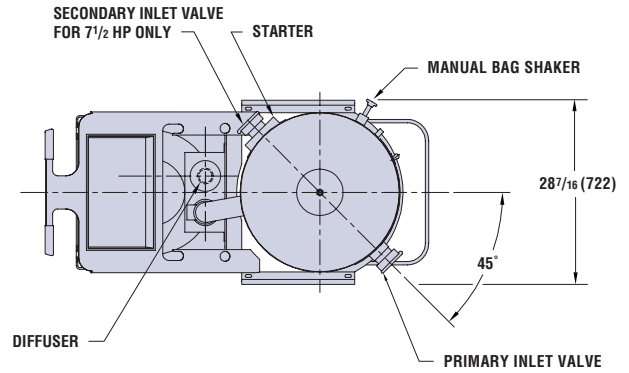
Available Options

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" diameter hose – 7½ HP only
Rear primary inlet position

Stationary Model



Mobile Model



Performance Data	Motor Data	Separator Filter Data
Volume (SCFM) _____	HP _____ RPM _____	Area: 18 sq. ft. _____
Vacuum (In. Hg) _____	Voltage _____	Bag Quantity: 10 _____
Discharge Pressure (PSIA) _____	Phase _____ Hz _____	Bag Catalog No.: 5250-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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