



Industravac® Series E Vacuum Producer and Separator components interconnected with piping. (Note: Components ship in (3) pieces.)

## Number of Operators

Catalog Number	Numbers of Operators*	Motor HP
SE410-C	4	10
SE415-C	6	15
SE420-C	8	20
SE510-C	3	10
SE515-C	5	15
SE520-C	7	20
SE525-C	8	25
SE615-C	4	15
SE620-C	5	20
SE625-C	7	25

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

\*Based on 100 SCFM/Operator with 1½" diameter x 15 feet hose.

## Materials of Construction

- Casing, separator, base: ASTM A1011 hot-rolled steel
- Impellers: 5052-H34 aluminum
- Shaft: AISI-1045 hot-rolled bar steel
- Removable debris receptacle: High density polyethylene
- 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: Quantity 12
- Filter bag area: 56.5 sq. ft
- Filter bag material: cotton sateen (P/N BVA90051)
- Filter bag diameter: 6" (Cat. No. 6445-N)
- Internal manual bag shaker
- Large, hinged inspection door (accepts padlock)
- Removable debris receptacle, capacity: 2.6 cu. ft. (small hinged access door 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 (P/N VLV90083) for 1½" diameter hose
- Interconnecting kit (P/N KIO90021): (2) 90° mitered elbows (P/N ELT90689) and (3) rubber sleeve/clamp kits (P/N KAC90062)

### Available Options

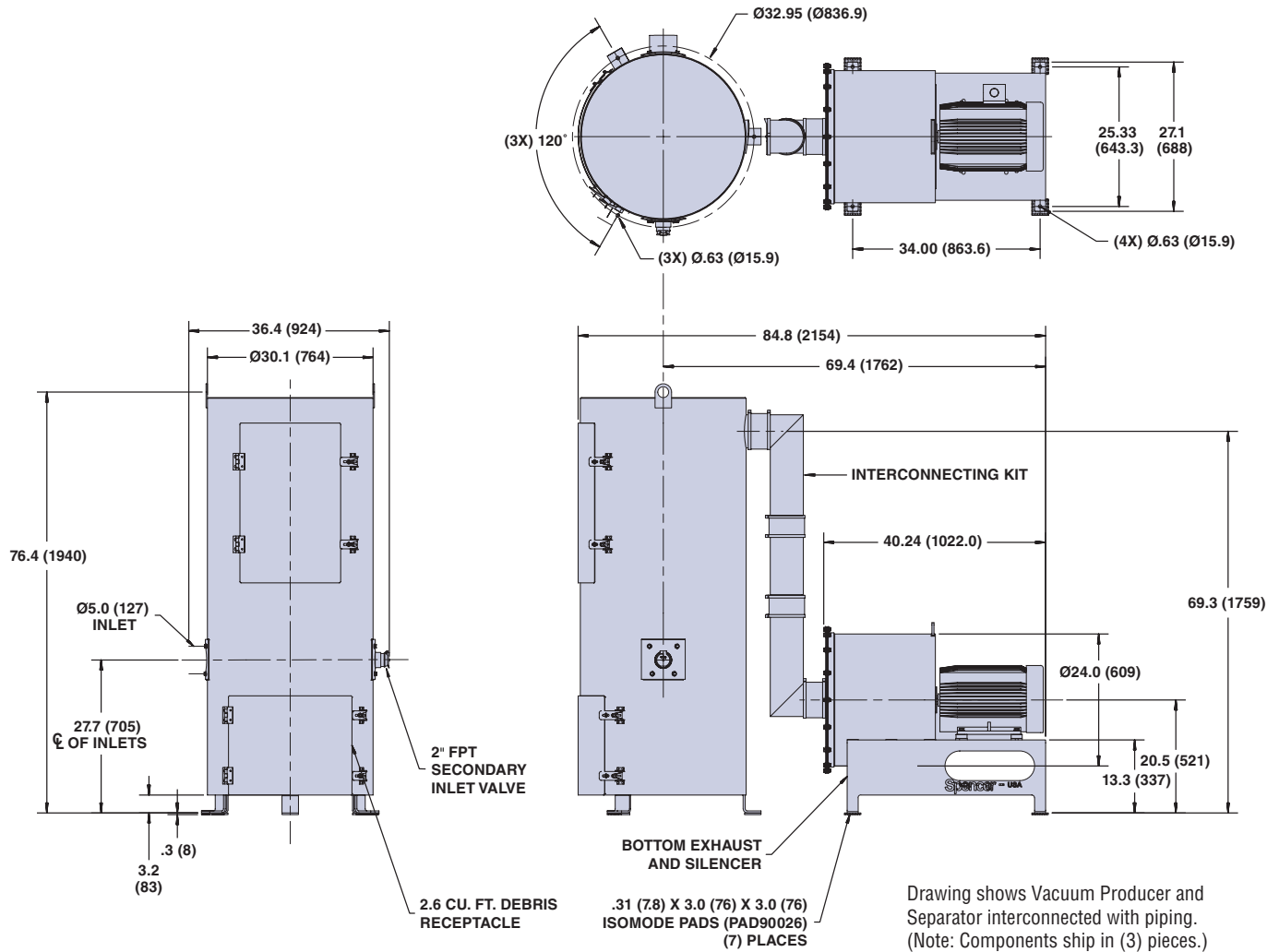
- Explosion-proof and premium efficiency motors
- NEMA 4, 7 and 9 starter enclosures
- Grounded filter bags
- Other filter bag materials
- Inlet valve (P/N VLV90100) for 2" diameter hose
- Island adapter kit (P/N PLT90023)
- Bottom discharge conversion adapter to change to 6" tube horizontal on motor end (P/N KAC90267)

# Industravac® Series E

Component Models

Vacuum Producer | Separator | Interconnecting Kit

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



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.

**For product selection assistance, please email [marketing@spencer-air.com](mailto:marketing@spencer-air.com) or visit our website at [www.spencerturbine.com](http://www.spencerturbine.com) to locate the Spencer representative in your area.**

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The  **Spencer** Turbine Company, 600 Day Hill Road, Windsor, CT 06095 USA

TEL 800.232.4321 ♦ 860.688.8361 ♦ FAX 860.688.0098 ♦ [www.spencerturbine.com](http://www.spencerturbine.com)



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