

I-SERIES**3, 4 AND 5-STAGE HIGH-PRESSURE AIR COMPRESSORS**

The I-Series from the technology leader in high-pressure offers space-saving designs suitable for the most demanding requirements. While the open models offer a budget-conscious practical solution, enclosed models are well suited to occupied spaces. Both styles include a full-featured control system for unattended automatic operation. The I-Series offers the perfect continuous-duty rated solutions for various applications.

- › **PRESSURE:**
1000 to 7000 PSIG
70 to 483 bar
- › **CAPACITY:**
4 to 21 SCFM
(100 to 600 L/MIN)
- › **MOTOR:**
5 to 20 HP (3.7 to 15 kW)



› VACI



› VECI

STANDARD SCOPE OF SUPPLY

- › Multi-stage, air cooled, pressure lubricated, continuous-duty rated reciprocating compressor
- › Electric motor (ODP) with v-belt drive, belt guard and belt tensioning device
- › Automatic condensate drain with condensate collector. Collector includes switch for high condensate level.
- › Automatic operation with PLC controller. Includes operator keypad and text display for operation, maintenance and troubleshooting
- › NEMA 4 rated electrical enclosure with **UL**[®] listed control panel
- › Fused control voltage transformer
- › Hour meter and temperature switch
- › Pressure sensors for oil pressure and final pressure
- › Emergency stop push button
- › Audible alarm
- › Ambient temperature range 40° to 113° F
- › 24 month warranty
- › Interstage pressure gauges (VERTECON only)

VERTICUS MODELS

- › Sound attenuated enclosure
- VERTICUS: 72 dBA

AVAILABLE ACCESSORIES

- › BAUER air purification system with SECURUS
- › TEFC motor
- › Machine feet
- › Extended base for compressor and 2 storage cylinders

SYSTEM FOOTPRINT

VECI 120-VECI 18.1

DIMENSIONS L X W X H inches (mm)

- › 54" x 34" x 63" (1372.6mm x 863.6mm x 1600.2mm)

WEIGHT pounds (kg)

- › 800 - 1330 lb (363 - 589.7 kg)

VACI

DIMENSIONS L X W X H inches (mm)

- › 55" x 35" x 70" (1397mm x 737mm x 1778mm)

WEIGHT pounds (kg)

- › 1000 - 1400 lb (453.6 - 635 kg)

TECHNICAL DATA

Model	Capacity FAD ¹⁾		Number of Stages	Motor		Drive	Recommended purification system
	SCFM	L/MIN		HP	kW		
5000 PSIG (34.5 BAR)							
120	7.6	215	3	7.5	5.5	E1 / E3	P2 SECURUS
150	18	510	4	15	11	E3	P5 SECURUS
180	21	600	4	20	15	E3	P10 SECURUS
6000 PSIG (41.4 BAR)							
100 H	4	113	5	5	3.7	E1 / E3	P2 SECURUS
12.14	8.1-10.8	229-306	4	7.5 - 10	5.5 - 7.5	E1 / E3	P5 SECURUS
15.11 ²⁾	15	425	4	15	11	E3	P5 SECURUS
18.1 ²⁾	18.2	515	5	20	15	E3	P10 SECURUS

1) Compressor capacity (FAD) is referenced to standard inlet conditions and 80% of the compressor's maximum working pressure. Tolerance +/- 5%. 2) Models 15.11 and 18.1 available for 7000 psig. E1 = 230 / 1 / 60 E3 = 230 - 460 / 3 / 60 Other voltages and frequencies available upon request. Engine driven models available. Dimensions and weight are approximate and are dependent upon model and drive.

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