

HIGH CAPACITY

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
- › **POWER**
5 to 200 hp
3.7 to 15 kW



› I-SERIES 1
VECl - Open Design

› I-SERIES 1
VACI - Enclosed Design

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 (Open Version only)

I-SERIES 1 (VACI) SPECIFIC

- › Interstage pressure gauges
- › Sound attenuated enclosure

TECHNICAL DATA

Model	FAD ¹⁾		Number of stages	Motor		Drive	Recommended Purification System
	SCFM	L/MIN		HP	KW		
5000 PSIG (345 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 (414 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 are available for 7000 psig.

E1 = 230 / 1/ 60

E3 = 230 - 460/3/ 60

Other voltages and frequencies are available upon request. Engine-driven models are available.

Dimensions and weight are approximate and are dependent upon model and drive.

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)



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