

HIGH CAPACITY

4 and 5-Stage Compressors

- › **Pressure**
5000 to 7000 psig
345 to 483 bar
- › **Capacity**
25 to 120 scfm
708 to 3400 l/min
- › **Power**
25 to 100 hp
18.5 to 75 kw



The high capacity range of large volume industrial air compressors from the technology leader in high pressure features continuous-duty rated, multi-stage, air cooled, pressure lubricated compressors for the most demanding requirements.

The full-featured control system allows for unattended automatic operation. Heavy-duty frames and balanced compressor designs do not require a special foundation for installation.

High Capacity

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 and audible alarm
- › Ambient temperature range 40° to 113° F
- › 12 month warranty

60 - 100 hp models

- › Soft starter
- › TEFC motor
- › Circuit breaker disconnect

AVAILABLE ACCESSORIES

- › TEFC motor (25 - 40 hp)
- › Enclosure
- › BAUER air purification system with SECURUS

Technical Data

Model	FAD ¹⁾		Number of stages	Motor		Drive	Recommended purification system
	scfm	l/min		hp ²⁾	kw		
5000 psig (345 bar)							
I220	25 - 33	708 - 935	4	25 - 30	18.5 - 22	E3	P10 SECURUS
I230	48	1360	4	40	30	E3	P12 SECURUS
I250	63	1785	4	60	45	E3	P14 SECURUS
I280	86 - 120	2435 - 3400	4	75 - 100	55 - 75	E3	P14 SECURUS
6000 psig (414 bar)³⁾							
I22.42	27 - 31	765 - 880	4	25 - 30	18.5 - 22	E3	P10 SECURUS
I25.9 ³⁾	63	1785	5	60	45	E3	--
I25.18 ³⁾	80	2266	5	75	56	E3	--

1) Compressor capacity (FAD) is referenced to standard inlet conditions and 80% of the compressor's maximum working pressure. Tolerance +/- 5%.

2) 3-phase motors only, 60 Hz standard. 50 Hz available on request.

3) Maximum working pressure is 7000 psig. Information valid for 6000 psig only.

E3 = 230 - 460 / 3 / 60 Other voltages and frequencies available upon request. Engine driven models available.

BAUER COMPRESSORS INC.

1328 Azalea Garden Road | Norfolk, VA 23502

TEL. +1 (757) 855-6006

FAX +1 (757) 857-1041

sls@bauercomp.com

www.bauercomp.com



BAUER COMPRESSORS INC.
Norfolk, Virginia is
registered to ISO 9001

HIGH CAPACITY

166.08.11.1SP

subject to alteration without notice or obligation