



Chicago Pneumatic



CPE Series

People. Passion. Performance.

Gear Drive Rotary Screw Air Compressors

100 to 200 hp

Reliable Compressed Air For Serious Professionals

Experience the innovation and worry-free operation of the Chicago Pneumatic gear drive series of rotary screw air compressors. Pre-filtered air intake and reduced voltage starting mean low operating and maintenance costs. Standard enclosure and ease of maintenance produce an environment that lets you focus on your business, not your compressor!

Model	CPE-100	CPE-120	CPE-150
hp	100	125	150
acfm @ 100 psig	492	562	740
acfm @ 125 psig	439	517	701
acfm @ 150 psig	422	473	644
acfm @ 175 psig	363	420	545
Sound Level (dBa)	75	77	72
L x W x H (in)	84 x 42 x 64	84 x 42 x 64	92 x 42 x 64
Base Weight (lb)	3461	3527	3990

Standard Features:

- Low sound enclosure
- 125 psig readily available
- 100, 150 and 175 psig also available
- Wye-delta starter and TEFC motor are standard
- ES4000 Advanced microprocessor control (CPE 100–150 HP)
Airlogic controller (CPF 175–200 HP)
- 230/460V (CPE 100–120) or 575V (CPE 100–120)
460V or 575V (CPE 150–CPF 200)
- Separate oil and aftercoolers
- Temperature protection on drive side motor bearings (CPE 100–120)
- Air/oil sump tank with temperature protection
- Flexible drive coupling (CPF series)
- Improved long life inlet valve
- Latest design minimum pressure/oil stop valve
- Shipped with 8,000 hour lubricant as standard



CPE-150

Features:

- +5% reduction in specific energy
- Lower sound level
- Standard radial fan & air intake panel





Over 100 years of experience

Since 1901 the Chicago Pneumatic name has represented high-performance tools and equipment designed for an extensive range of applications. Today, Chicago Pneumatic has a global reach, with local customer centers around the world. Chicago Pneumatic products are tailored to the needs of the industrial, vehicle service, and construction markets. Every day we develop and manufacture new products that are meant to meet your demands not only today, but tomorrow as well.

To learn more about our extensive range of tools, hydraulic attachments, industrial and portable compressors, accessories and workshop equipment, please visit www.cp.com.

Intelligent Savings

The CPE series is managed by the ES4000 Advanced, an electronic control unit programmed for energy saving operation with intelligent shutdown. The ES4000 Advanced control can be programmed to shutdown in accordance with your plant air demand and reduce long periods of unloaded operation, reducing power cost. The ES4000 Advanced control feature can save a customer hundreds of dollars per year.



The ES4000 Advanced constantly monitors compressor operation and notifies you—before a problem occurs!

Features:

- Graphic Display
- Automatic Restart After Voltage Failure
- I/O Expandable
- Graphic Service Plan Indicator
- Remote Pressure Sensor Possible
- Real Time Trending
- Remote Monitoring
- Master Control Capability



The Compressed Air and Gas Institute, CAGI, is an organization dedicated to improving the compressed air industry through established standards. As a proud member of CAGI, CP Compressors publishes all technical data in accordance with CAGI/PNEUROP PN2CPTC2 guidelines and voluntarily allows products to be selected for participation in CAGI's Performance Verification Program. With CP Compressors, our customers know they are receiving the excellent performance that we publish.



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02/21 001

For more information,
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