



**Chicago
Pneumatic**



CPF/CPG 250 to 475 HP Series

People. Passion. Performance.

Gear Drive Rotary Screw Air Compressors

CPF 250 to 300 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	CPF-250(A)	CPF-300(A)	CPF-250(W)	CPF-300(W)
HP	250	300	250	300
acfm @ 100 psig	1241	1378	1241	1378
acfm @ 125 psig	1112	1306	1112	1306
acfm @ 150 psig	1024	1208	1024	1208
acfm @ 200 psig	904	N/A	904	N/A
Sound Level (dBA)	79	79	75	75
L x W x H (in.)	133 x 84 x 95	133 x 84 x 95	133 x 84 x 95	133 x 84 x 95
Base Weight (lbs.)	9689	10175	9995	10454

Standard Features:

- Low sound enclosure
- Single air-end with latest asymmetric profile
- CSA/UL approved electrical panel; NEMA I
- Aircooled and watercooled models
- TEFC motor standard
- Wye-delta starter standard, 460V
- Spin-on oil filters (3)
- Hinged air/oil separator lid
- Aircooled; (2) 2.3 HP cooling fans
- Watercooled; stainless steel plates & frame
- Integrated moisture separator with automatic and manual drains
- Heavy duty inlet unloader valve; less parts and lower pressure drop
- ANSI discharge air flange – 4 in./150 lbs.
- Load/no-load control
- Heavy duty 3 micron inlet filter
- ES4000 Advanced microprocessor control

Options:

Phase sequence relay, electronic condensate drain, energy recovery, anti-condensation heater, modulating control, SPM monitoring.

Intelligent Savings

The CPF 250-300 are managed by the ES4000 Advanced electronic control unit programmed for energy savings 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!



The CP Compressor Guarantee

Chicago Pneumatic (CP) is dedicated to providing high quality, reliable equipment that has stood the test of time as one of the most rugged compressors in the market. Our compressors are 100% factory tested, and we stand behind our products with one of the most competitive warranties in the industry!

- | | |
|------------------------------|-----------------|
| • All rotary screw | 5 YEARS* |
| • Two-stage reciprocating | 2 Years |
| • Single-stage reciprocating | 1 Year |

**Authorized start-up required.*

CP compressors are supported by a network of trained service technicians who can provide complete warranty support, spare parts and technical consultation. For more information on our products, please contact your CP territory sales manager or a local authorized CP distributor.

Gear Drive Rotary Screw Air Compressors

CPG 375 to 475 HP

Superior Compressed Air Solution For Demanding Industries

Maximize your productivity with an optimum compressed air solution provided by the CPG series of compressors. Built-in cooling provides improved performance, reliable transmission for energy savings and an advanced monitoring system ensure you get the most from your compressed air system! The CPG series provides minimum operating cost, easy installation and simplified maintenance.

Model	CPG-375	CPG-425	CPG-475
HP	375	425	475
acfm @ 100 psig	1750	1954	N/A
acfm @ 125 psig	1528	1747	1947
acfm @ 150 psig	1528	1747	1739
acfm @ 175 psig	N/A	1520	N/A
Sound Level (dBA)	77	78	80
L x W x H (in.)	175 x 84 x 91	175 x 84 x 91	175 x 84 x 91
Base Weight (lbs.)	14471	14671	14871



Standard Features:

- Fully enclosed low sand enclosure
- Single air-end with latest asymmetric profile
- Dual air/oil separators and tanks
- Spin-on oil filter cartridges (4)
- Wye-delta starter, 460V (2300V and 4160V; require remote starters and panel)
- TEFC motor standard 460V, (2300V and 4160 motors available)
- Integrated moisture separator with automatic & manual drains
- Shell and tube aftercooler
- Dual oil/water shell and tube coolers
- Heavy duty inlet unloader has less parts and lower pressure drop
- Load/no-load control
- Airlogic microprocessor control
- Tri-cartridge inlet air filter and box

Industrial-grade filtration protects your equipment from dust and harmful contaminants

Precision-made cooling fan, aftercoolers and water-cooling technology increase compressor life and reduce downstream condensate

Advanced monitoring controller for accurate control of your compressed air system

High efficiency, wye-delta, TEFC continuous-duty motor capable of operating in high ambient temperatures



Two-stage separation system ensures optimum air quality and maintains the integrity of the lubricant

Gear-drive transmission for perfect alignment, reduced vibration and more efficient performance

Easy to remove panels give quick access to all service points, reducing downtime for maintenance intervals



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.

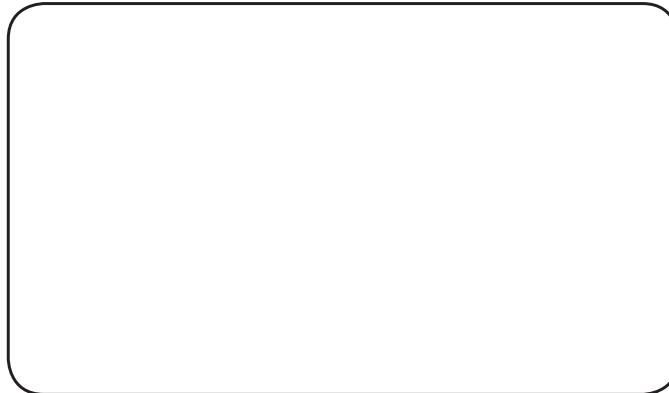
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Original parts. Your quality assurance.

The "original part" identification confirms that these components passed our strict test criteria. All parts are designed to match the compressor. They have been thoroughly tested to obtain the highest level of protection, extending the compressors' lifetime and keeping the cost of ownership to an absolute minimum. No compromises are made on reliability. The use of "original part" certified quality components helps ensure reliable operation and will not impact the validity of your warranty, unlike other parts. Look for the quality assurance seal.

DISTRIBUTED BY



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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