



CPF 250 to 300 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 1 Year with option to extend to 5 Years*
- Two-stage reciprocating 2 Years
- Single-stage reciprocating 1 Year

*Screw compressors are supported by our CP Secure 1-Year Warranty with the option to extend to a full 5-year warranty (authorized start-up required and regular maintenance with factory authorized fluids and parts).

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.

www.cp.com

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For more information,
call 877.861.2722.

