

# CPD 75-100 G

Gear Drive Rotary Screw Air Compressors



People  
Passion  
Performance

 Chicago  
Pneumatic

# Gear Drive Rotary Screw Air Compressors

## 75 to 100 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	CPD 75 G	CPD 100 G
Horsepower	75	100
acfm @ 100 psig	350	443
acfm @ 125 psig	312	403
acfm @ 150 psig	282	356
acfm @ 175 psig	259	348
Sound Level (dBA)	75	78
Base Mount L x W x H (in)	67 x 42 x 65	67 x 42 x 65
Net Wt. (lb)	2491	2904

#### Standard Features:

- Low sound enclosure
- 125 psig readily available
- 100, 150 and 175 psig also available
- Rapid, single-panel maintenance
- Wye-delta, reduced voltage start
- ES4000 Advanced microprocessor control
- 230/460V or 575V TEFC motor
- Separate oil and air aftercoolers
- Temperature protection on drive side motor bearings
- Air/oil sump tank with temperature protection
- Improved long life inlet valve
- Latest design minimum pressure/oil stop valve
- Shipped with 8,000 hour synthetic lubricant
- ASME, CRN approved
- cUL, CSA approved

#### Intelligent Savings

The CPD-G range 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 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).

\*\*Excluding Two-stage Gasoline Drive Contractor Series which are covered for 1 year.

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.cpcompressors.com](http://www.cpcompressors.com)

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For more information,  
call 877.861.2722.

