

# CPVSd 10-15

## (10-15 hp)

Variable Speed - Direct  
Drive - Rotary Screw  
Compressors



People. Passion. Performance.

 Chicago  
Pneumatic

# CPVSd 10-15 (10-15hp) Variable Speed Direct Drive Rotary Screw Compressors

## Compressed Air That Pays for Itself

The Chicago Pneumatic Variable Speed direct drive compressor (CPVSd) allows you to save operating costs when your application does not require the compressor's full capacity. The ES4000 Advanced Controller automatically maintains your desired system pressure and provides only the air that your system requires on a smooth consistent basis. Variable speed technology coupled with a direct drive transmission results in energy savings of up to 30%. The CPVSd can function as a stand-alone machine or networked to a base-load compressor where it can function as a trim machine.



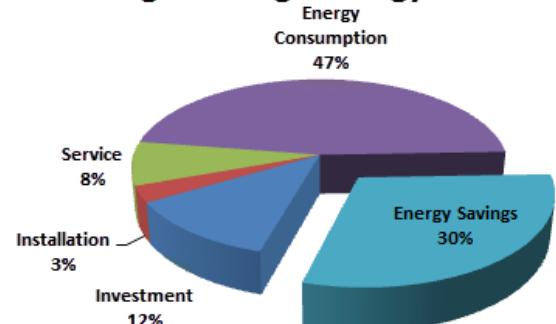
### Standard Features

- Low sound enclosure, as quiet as 62 dB with optional silencing baffle
- Direct drive transmission for energy savings and reduced maintenance cost
- 73-182 psig pressure range
- 20-100% turndown capacity
- ES4000 Advanced graphic controller
- 460V standard
- 230V available for tank mounted models
- IP55 TEFC High Frequency Motors designed for variable speed use
- Heavy duty, 2-stage pre-filtration
- Easily accessible integrated inverter drives
- Stable pressure due to Variable Speed drive
- ECOntrol 6i capable
- ICONS capable

### Savings Through Energy Features

Energy cost represent about 70% of the total operating cost of your compressor over a five (5) year period. That is why reducing the operating cost of a compressed air solution should be a major focus. Variable frequency driven compressors can "cut" your energy bill by up to 30%.

### Savings Through Energy Efficiency



# Intelligent Savings - ES4000 Advanced Controller

The CPVSd 10-15 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.



## Features:

- Graphic Display
- Automatic Restart After Voltage Failure
- I/O Expandable
- Graphic Service Plan Indicator
- Remote Pressure Sensor Possible
- Real Time Trending
- Remote Visualization
- Master Control Capability
- Programmable daily and weekly schedule

## ICONS



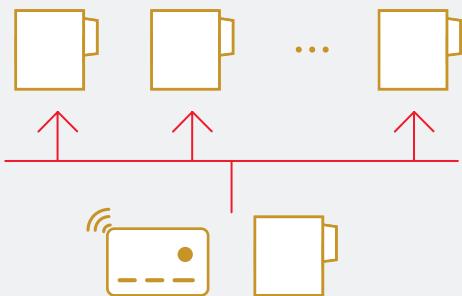
## Increased uptime, Powered by icons

With the Intelligent CONnectivity System (ICONS), data and insights are delivered straight from your machines to your computer, tablet or smartphone.

The new range of compressors can be fully connected.

## EControl6i

The optional ECO6i controller allows you to optimize both workload and energy consumption.



Do you operate more than 2 compressors? The ES4000Touch can act as a master controller thanks to its built-in **EControl6i** functionality. Reduce service costs by evenly distributing running hours over your compressors and save energy by using one pressure band for your entire compressor room.

# Performance Data

Model	CPVSD (D)-10	CPVSD (D)-15
Horsepower	10	15
Min-Max acfm @ 100 psig	10-43	9-64
Sound Level (dBA)	64	64
Base Mount L x W x H (in)	40 x 26 x 42	40 x 26 x 42
Net Wt. (lb)	518	553
Base Mount w/Dryer L x W x H (in)	56 x 26 x 42	56 x 26 x 42
Net Wt. (lb)	620	659
Tank Mount L x W x H (in)	77 x 26 x 66	77 x 26 x 66
Net Wt. (lb)	884	919
Tank Mount w/Dryer L x W x H (in)	77 x 26 x 67	77 x 26 x 67
Net Wt. (lb)	986	1025

CPVSD pressure can be set between 73 and 182 psig.

## Options

- Food Grade Oil for food & beverage applications
- Super Silencing Baffle option available on field kit: extra -2 dB(A)
- Water Separator w/ Float Drain (std for CPVSD D)
- ECOntrol 6i Central Control



## 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.



Since 1901, Chicago Pneumatic has delivered reliability with a deep understanding of customer needs. We are a global manufacturer of high-performance power tools, air compressors, generators, light towers, and hydraulic equipment for professional and industrial applications. Our products are engineered for performance and lasting customer value.

**People. Passion. Performance.** This is our promise.



At Chicago Pneumatic we have a passion for performance and long-lasting partnerships. Since 1901, we have been committed to reliability based on technology and trust.



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## Care. Trust. Efficiency.

**Care.** Care is what service is all about: professional service by knowledgeable people, using high-quality Original parts.

**Trust.** Trust is earned by delivering on our promises of reliable, uninterrupted performance and long equipment lifetime.

**Efficiency.** Equipment efficiency is ensured by regular maintenance. Efficiency of the service organization is how Original Parts and Service make the difference



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.



CP Compressors  
701 N. Dobson Ave.  
Bay Minette, AL 36057  
1-877-861-CPAC (2722)

CP Compressors Canada  
2905 Argentia Rd. Unit 6  
Mississauga, Ontario L5N 8G6  
1-647-302-9840

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.