



Chicago  
Pneumatic

**CPVS**Series



VARIABLE SPEED DRIVE  
ROTARY SCREW AIR COMPRESSORS  
20 TO 250 HP

High-performance products.  
Designed for you !

# VARIABLE SPEED DRIVE ROTARY SCREW AIR COMPRESSORS 20 TO 250 HP

## COMPRESSED AIR THAT PAYS FOR ITSELF

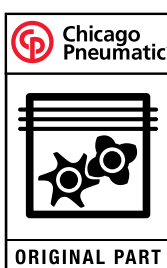
The Chicago Pneumatic Variable Speed (CPVS) compressor allows you to save operating costs when your application does not require the compressor's full capacity. Artificial intelligence automatically maintains designated pressure and provides only the air that your system requires. As a result, you save energy and money. The CPVS is great as a stand-alone machine or networked to a base-load CP compressor where it can function as a trim machine.

MODEL	CPVS-20	CPVS-25	CPVS-30	CPVS-40	CPVS-50	CPVS-60
HP	20	25	30	40	50	60
Min-Max acfm @ 100 psig	22 - 89	30 - 112	35 - 130	52 - 195	52 - 234	55 - 280
Sound Level (dBA)	64	67	69	65	66	67
Length (in.)	47	47	47	75	75	75
Width (in.)	32	32	32	37	37	37
Height (in.)	48	48	48	69	69	69
Base Weight (lbs)	867	887	922	1874	1995	2227

MODEL	CPVS-75	CPVS-100	CPVS-125	CPVS-150	CPVS-200	CPVS-250
HP	75	100	125	150	200	250
Min-Max acfm @ 100 psig	88 - 342	90 - 518	126 - 576	152 - 673	180 - 937	173 - 1071
Sound Level (dBA)	70	66	71	75	72	74
Length (in.)	75	88	88	88	110	117
Width (in.)	37	42	42	42	59	64
Height (in.)	69	63	63	63	76	79
Base Weight (lbs)	2227	3417	3649	4101	6614	7826

## FEATURES

- Low Sound Enclosure
- 60 -145 psig
- 20-100% Capacity
- Networking Capability
- Soft Start Operation
- ES3000 Electronic Microprocessor (20-30 hp)
- Airlogic Electronic Microprocessor (40-250 hp)
- 460V, TEFC Motor
- Heavy Duty, 2-Stage Pre-Filtration



## DESIGNED TO LAST

Every CPVS comes with a rugged, Vacon variable speed drive that does much more than simply control the speed of the motor. The VSD comes completely programmed and wired, so time spent on installation and set-up are minimized. The VSD also includes, as standard, a removable LCD display, integrated cooling fans, built-in line reactor and electromagnetic frequency filters.

## SETTING THE STANDARD

Competitive VSD compressors require external vents to keep the VSD cool during operation. These VSDs still overheat and ultimately fail in the field because they become contaminated, as dust and debris are ingested over time. The VSD on the CPVS has integrated fans which use cool air from the intake and do not require vents in the door to the electrical cabinet. So the VSD always stays cool and protected!

## BUILT-IN PROTECTION

The line reactor protects against voltage spikes and fluctuations, also known as "dirty voltage". A common example occurs when generators are used to run the compressors. Voltage fluctuations from the generator cannot be adequately controlled, which will result in damage to the compressor motor and VSD.



## THE CP COMPRESSOR GUARANTEE

CP Compressors is dedicated to providing the highest quality, most reliable equipment for your compressed air application and we stand behind our promise with one of the most competitive STANDARD warranties in the industry!

- All Rotary Screw **5 YEARS**
- Two-Stage Reciprocating **2 Years**
- Single-Stage Reciprocating **1 Year**

*No contracts or service agreements. Authorized start-up required.*

CP Compressors is supported by a network of trained service centers who can provide complete warranty support, spare parts and technical consultation. For more information on our compressed air products, please contact your local authorized CP Compressor distributor or representative.



## 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 tools and air compressors 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](http://www.cp.com).

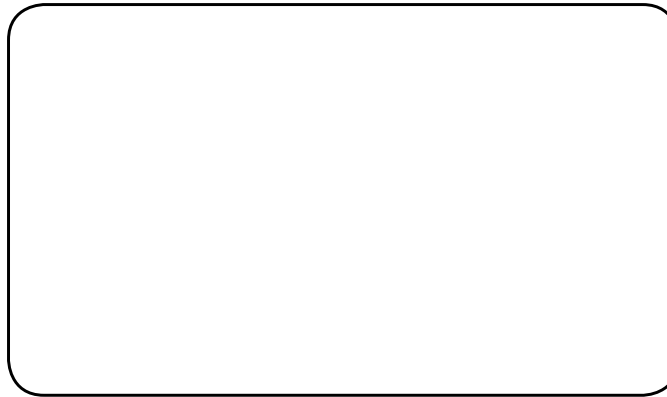
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## Original parts. Your quality assurance.

The “original part” identification confirms that these components passed our strict test criteria. All parts are designed to match the compressor and are approved for use on the specified 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 your quality assurance.

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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