

 Chicago  
Pneumatic

**CPF 200-340**  
**CPVS 200-340**

People. Passion. Performance.

 Chicago  
Pneumatic

**Define your needs and our products will deliver the best solution for your business**

The new **CPF** and **CPVS 200–340** compressor families are synonymous with performance and technology, and are extremely energy efficient.

They are suitable for more demanding applications and can be installed in harsh environmental working conditions thanks to their robust design.

For Chicago Pneumatic, it isn't just about products. We value our distributors' and end customers' performance, so we do our best to make working with us easy, all while providing reliable products. We're passionate about performance.

• Extensive portfolio of robust compressor products

• Decades of experience and innovation

• Partnerships with 100% committed distributors

This is how we keep your business productive at all times, meeting the needs of even the most diverse applications, ranging from self-employed professionals to businesses that work in various niches, whether small, medium or large, all around the world.

**People. Passion. Performance.**

**CPF 200–340**



Noise Level	80 dB(A)–81 dB(A)
FAD	858–1545 CFM
Power	200–340 hp 160–250 kw
Pressure	58–158 PSI
Weight	7610–8160 LBS

\* Air-cooled version

**User Benefits**

**↑ INCREASED UPTIME**

- Compressor element designed and manufactured in-house under the most stringent quality standards, suitable for continuous service and even the harshest working conditions.
- Easy access to items that need to be replaced or repaired to further facilitate maintenance.
- Improved equipment connectivity allows for remote monitoring, so any maintenance for your equipment is planned more safely.

**↑ GREATER USE OF SPACE**

- Optimized layout, meaning the new line takes up around 25% less space than the previous version, even in the higher-power version.

**CPVS 200–340**



Noise Level	80 dB(A)–81 dB(A)
FAD	417–1479 CFM
Power	200–340 hp 160–250 kw
Pressure	58–145 PSI
Weight	7960–8500 LBS

\* Air-cooled version

**↑ BETTER COMFORT FOR OPERATORS**

- Extremely efficient acoustic insulation, drastically reducing any noise produced during compressor operation.
- User-friendly controller for complete control of the compressor, which even enables integration into industrial networks.

**↑ LOWER OPERATING COSTS**

Inverter technology seamlessly combines air flow with instant air demand, saving on energy costs by up to 35%.



**ICONS**

**Increase uptime with ICONS**

Equipped with an **Intelligent Connectivity System (ICONS)**, you can extract information and thus monitor your compressor in a simple manner, direct from a computer, tablet or smartphone.

Be **notified** by email or text message whenever your compressor needs your attention

- Increase the reliability of your machine by identifying possible faults before they can impact productivity.
- Analyze and optimize your energy consumption and CO<sub>2</sub> emissions
- Receive high-quality reports that ensure that your business complies with ISO 5001.



STRATEGICALLY PLACED CONSUMABLE COMPONENTS FOR EASY ACCESS WITHIN THE COMPRESSOR, WHICH HELPS TO INCREASE THE EQUIPMENT'S UPTIME.

COMPRESSORS EQUIPPED WITH THE BEST MOTORS ON THE MARKET, PREMIUM EFFICIENCY WEG MOTORS (IE3) SPECIALLY DESIGNED FOR THIS APPLICATION.

THE POWERFUL COOLING SYSTEM ALLOWS THE COMPRESSOR TO WORK AT LOW TEMPERATURES EVEN IN WARMER ENVIRONMENTS, THANKS TO ITS DESIGN, WHICH ENSURES RELIABILITY AND PERFORMANCE IN HARSH CONDITIONS

POWERFUL ACOUSTIC INSULATION SYSTEM, WHICH SAFELY ENSURES AS LITTLE NOISE AS POSSIBLE. THE MATERIALS USED IN THE INSULATION ARE FLAME RETARDANT.

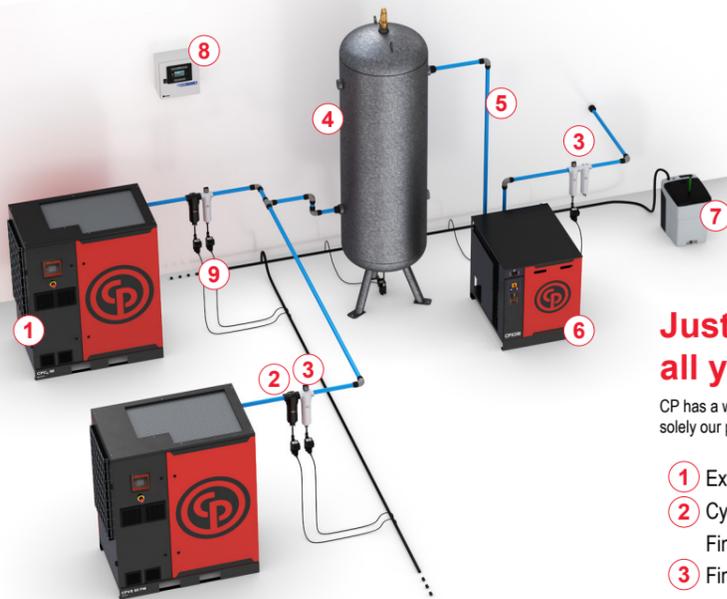
QUIET, ECO-FRIENDLY AND WITH A HUGE CAPACITY FOR LARGE COMPANIES

DESIGNED TO MEET THE MOST STRINGENT QUALITY STANDARDS.

STATE-OF-THE-ART COMPRESSOR ELEMENT MANUFACTURED AND DESIGNED IN EUROPE TO WORK 24 HOURS IN THE HARSH ENVIRONMENTAL CONDITIONS, MAINTAINING ITS HIGHLY RELIABLE, PREMIUM PERFORMANCE OVER A LONG PERIOD OF TIME.

AIR/OIL SEPARATOR VESSEL SPECIALLY DESIGNED FOR THIS APPLICATION WITH 3 OIL SEPARATION STAGES, WHICH ENSURE AS LITTLE OIL DRAG AS POSSIBLE FOR THE COMPRESSOR.

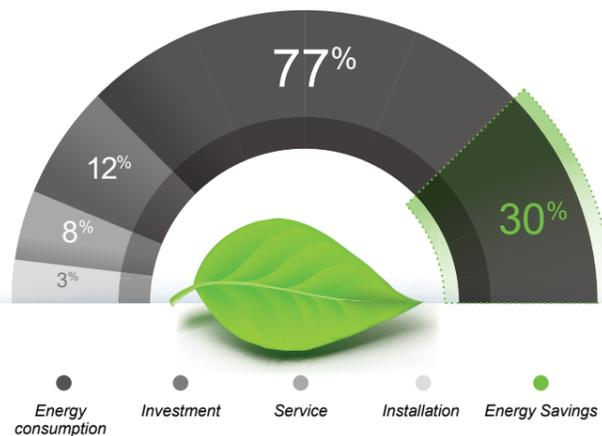




### Just one supplier for all your needs

CP has a wide range of products. Adjacent, please find an example installation using solely our products.

- ① Extensive portfolio of air compressors
- ② Cyclonic separators  
Fine and super-fine coalescing filters
- ③ Fine and super-fine particle filters  
Active carbon filters
- ④ Receivers for compressed air and other gases
- ⑤ Premium piping (AIRnet) for compressed air and other gases
- ⑥ Refrigerant dryers
- ⑦ Water/oil separators for waste treatment
- ⑧ Room managers
- ⑨ Smart drains

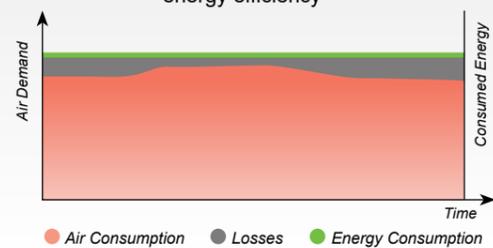


### Variable speed for saving energy

If you have a stable air demand, a fixed compressor is the best solution for you. However, if your air demand fluctuates throughout the day or week, a compressor running at 100% of its capacity will waste a lot of energy. The CPVS 200–340 compressor equipped with Variable Speed Technology (VSD) adjusts the speed of your motor according to your demand as it increases or decreases. The result: energy savings of up to 30%. Because energy accounts for more than 70% of the cost of maintaining and operating a compressor, these are all substantial savings.

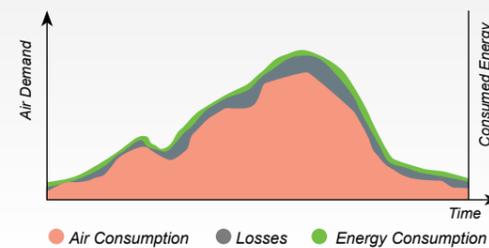
#### CPF 200–340 FIXED SPEED

- +2% Effective Free Flow when compared to the old fixed version.
- Reliable performance even in the harshest environments.
- New generation of elements providing greater energy efficiency



#### CPVS 200–340 VSD

- +2% Effective Free Flow when compared to the old VSD version.
- Energy savings of up to 30%.



Our 120 years of history and technology applied to these compressors makes it possible for us to provide the biggest guarantee on the market!

Be sure to ask your supplier to better understand how it works.





## Robust, reliable, efficient

Through this line, Chicago Pneumatic sets a new standard in high efficiency, low noise levels and excellent reliability. These units come with a new element, a high-performance gearbox and premium efficiency motors.

Quiet and extremely compact, this new generation of compressors will further optimize space in your compressor room where they will be installed.

## Optimize your energy consumption

The CPVS line allows you to fully optimize your energy consumption — this line is equipped with state-of-the-art inverters, synonymous with excellence. Combined with a state-of-the-art controller—the ES4000T Touch Controller—this combination of items will undoubtedly ensure that your company produces more and spends less.

We spent a long time on this project, which allowed us to optimize space and, in order to further optimize the equipment's operating time, all consumable items are positioned in easy-to-access locations, meaning that the equipment's maintenance time is reduced dramatically.



**1** Premium efficiency **WEG electric motor (IE3)**, with TEFC construction, insulation class F and **protection grade IPW55**. The engine is mounted on a vibration damper to reduce the vibration of the motor-compressor assembly.

**2** The new compressor element provides greater energy efficiency and is just as robust as ever. Combined with the gearbox, it has excellent acoustic insulation resulting in very little noise.



**3** The air-oil separator vessel has 3 stages of oil separation. This helps to reduce oil consumption in this compressor and improves the quality of the compressed air going into your network. Compressors in this line are factory-filled with ROTAIR Xtra © oil, which has a longevity of up to 8000 hours.

**4** The inlet valve of the CPF line has a new feature that aids maintenance — you can perform maintenance without needing to completely dismantle the valve, simply by removing its cap.

**7** In the CPVS line, the compressors are equipped with the latest-generation DANFOSS inverter, which is the main factor behind the equipment's significant reduction in energy consumption.

Equipped with the ES4000T Touch Controller. Chicago Pneumatic's most advanced controller allows you to work with two different pressure band settings, fully monitors compressor items, features a cycle control system that adapts to customer demands, therefore providing greater energy efficiency, and also allows you to monitor your compressor remotely, all with a super-intuitive system.



**5** The cooling system in this line makes a difference. Instead of working with fans like most models in this power range, these models feature exhausts coupled with an extremely efficient heat exchanger, which makes a tremendous difference in heat exchange efficiency because the air flow is better directed to the point where the heat exchange is desired. Thanks to this technology, the compressor can work in extreme climates without losing its optimum performance.

## Flexible to meet your needs

These lines have an extra option to fulfill specific applications, so you can configure your compressor to your needs.

→ Cyclonic separator (CPWS) + Drain

→ Water-cooled version



### COMPRESSORS

		CPF 200			CPF 270			CPF 340			CPVS 200		CPVS 270		CPVS 340		
	PSI	Min.	58	58	58	58	58	58	58	58	58	58	58	58	58	58	
		Max.	110	130	160	110	125	145	110	125	145	130	160	145	145	145	
	CFM	Min.	-	-	-	-	-	-	-	-	-	499	451	417	434		
		Max.	1018	937	858	1315	1203	1104	1545	1494	1315	911	827	1250	1479		
	Hp		215			268			335			215		268		335	
		KW	160			200			250			160		200		250	
	dB(A)		80			81			81			80		81		81	
<b>BM (Base mounted)</b>																	
	L	in	110.2			110.2			110.2			110.2		110.2		110.2	
	W	in	63			63			63			63		63		63	
	H	in	78.7			90.6			90.6			78.7		90.6		90.6	
	LBS		7610			7720			8160			7960		8160		8500	



To find the numbers of each model, please contact one of our distributors on our website:  
[www.cp.com/en-us/compressors](http://www.cp.com/en-us/compressors)

All units available at 380/460/575V voltages, all three-phase and 60-Hz frequency.

\* Performance measured pursuant to ISO 1217, Annex C, latest edition

\*\* Noise level measured pursuant to ISO 2151:2004 using ISO 9614/2

\*\*\* Performance data and dimensions are based on air-cooled version



At Chicago Pneumatic we are passionate about performance and long-lasting partnerships. Since 1901, we have been committed to reliability based on technology and trust.

# People. Passion. Performance.

For more information, please visit our website or contact a CP partner:



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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Use genuine parts only. Any damage or malfunction caused by the use of non-genuine parts is not covered by the product warranty.

[www.cp.com/en-us/compressors](http://www.cp.com/en-us/compressors)