



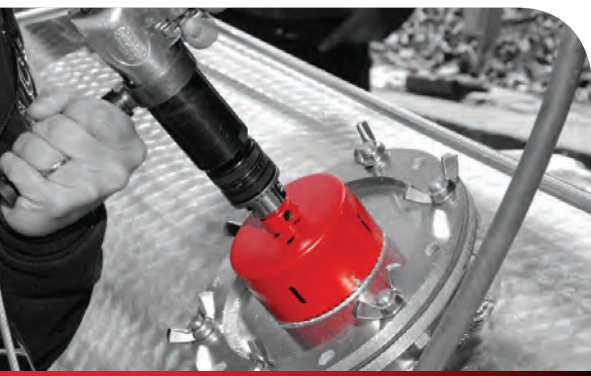
# Chicago Pneumatic



**Screw Compressors  
below 30kW**

**People. Passion. Performance.**

# People. Passion. Performance.



For Chicago Pneumatic, it isn't just about products. We value our end-users' and distributors' performance, and do our ultimate best to make it easy to work with us while providing reliable products with a passion.

- Broad product portfolio of robust compressors & tools
- Decades of experience & innovation
- 100% committed distributor partnership







This is how we keep you productive at all times, meeting the needs of professionals in vehicle service, general industry and construction around the globe. People. Passion. Performance.

## Define your needs, our broad

Going for our extensive offer of oil-injected screw compressors below 30kW, you choose for reliable performance, thrustworthy technology and increased efficiency. These ranges are also suitable for more demanding applications and can be deployed in harsch working conditions.

### CPN









Noise level	 72-80 dB(A)
Vessel size	 200, 270 or 500 L
FAD	 220 - 1631 l/min
Power	 3-20 hp / 2,2-15 kW
Pressure	 8 - 13bar
Weight	 115 - 354 kg

### User benefits

- Simple installation & easy maintenance
- Instinctive and easy to use
- Stable operations (constant pressure)
- Trustworthy technology and new inhouse designed air ends
- Up to 30% more energy efficient than an equivalent power sized Piston compressor

### CPM



Noise level	 Silent: 61-69 dB(A)
Vessel size	 0, 200, 270, 500 L
FAD	 240 - 1750 l/min
Power	 3-20 hp / 2,2-15 kW
Pressure	 8 - 13 bar
Weight	 99 - 348 kg

### User benefits

- Easy and user-friendly operation
- Durable performance and designed to operate in hard working conditions
- Low maintenance costs, no wearing parts
- Complete and compact solution
- Quiet operation allowing installation close to the workplace









# offer does the rest

On top of that, these units are compact, easy to service and quiet, and thus suitable to install in or close to the workshop (f.e. service garage or small assembly line).

## CPA - CPB









Noise level	 Silent: 66-77 dB(A)
Vessel size	 0, 270 or 500 L
FAD	 520 - 3893 l/min
Power	 7,5-40 hp 5,5-30 kW
Pressure	 8 - 13 bar
Weight	 251 - 654 kg

### User benefits

- In-house designed air end suitable for continuous duty and very hard working conditions.
- Long lasting belts and reliable belt tensioning system for excellent performance
- Good positioning of service items for easy servicing
- Save space and installation costs with tank-mounted installations with dryer
- Increased operating comfort through reduced noise levels

## CPVR - CPVS



Noise level	 Silent: 69-77 dB(A)
Vessel size	 0, 270 or 500 L
FAD	 470 - 4170 l/min
Power	 10-40 hp 7,5-30 kW
Pressure	 5,5 - 12,5 bar
Weight	 291 - 682 kg

### User benefits

- Inverter technology perfectly matching the air flow with the air demand saving energy costs up to 30%
- Highly efficient element ensures low energy consumption and long term performance
- Highly efficient belt transmission reducing energy consumption
- Protects your air network from rust and corrosion due to integrated solutions (dryer, air filter,...)
- User-friendly controller for full control



## CPN Series 3 - 20hp / 2,2 - 15kW



### The energy efficiency comes with the technology

The CPN screw compressors are up to 30% more energy efficient than an equivalent power sized piston compressor. The CPN is also designed to work continuously if needed, this allows you to get 100% performance, 24 hours a day, from your equipment without fearing a single fail.



CPN 5,5 200L + Dryer



#### Simple installation

The compressor, equipped with simple automatic controls, is ready for immediate installation and fitted with an air receiver.



#### Easy maintenance

Almost no panels to be removed in case of maintenance and strategic placement of components to facilitate maintenance.



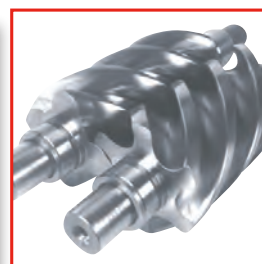
#### Reduced power consumption

Due to rotary technology, the CPN consumes up to 30% less power compared to a traditional piston compressor.



#### Constant pressure

The combined and continuous action of the spinning element generates air flow delivery without pulsations, granting you the stability you need.



#### New generation air ends

New generation air ends guarantee superior efficiency, durability and reliability.



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### Time to convert to screw technology!

- Up to 30% more energy efficient than an equivalent power sized piston compressor
- Designed to work continuously
- 24/7 performance without any risk of failure
- Pressure stability and no pulsation compared to piston compressors.

Technical Table	[l/min]						
Type	8 bar version	10 bar version	13 bar version	HP	kW	dB(A)	L x W x H (mm)
200L Tank Mounted (+ Dryer)							
CPN 3	297	220	na	3	2,2	72	1440 x 680 x 1250
CPN 4	350	280	na	4	3	73	1440 x 680 x 1250
CPN 5,5	495	415	na	5,5	4	74	1440 x 680 x 1250
CPN 7,5	641	557	na	7,5	5,5	76	1440 x 680 x 1250
CPN 10	948	802	na	10	7,5	75	1440 x 680 x 1250
270L Tank Mounted (+ Dryer)							
CPN 3	297	220	na	3	2,2	72	1550 x 680 x 1280
CPN 4	350	280	na	4	3	73	1550 x 680 x 1280
CPN 5,5	495	415	na	5,5	4	74	1550 x 680 x 1280
CPN 7,5	641	557	na	7,5	5,5	76	1550 x 680 x 1280
CPN 10	948	802	na	10	7,5	75	1550 x 680 x 1280
CPN 15	1408	1265	na	15	11	76	1550 x 718 x 1322
CPN 20	1631	1473	na	20	15	78	1550 x 718 x 1322
500L Tank Mounted (+ Dryer)							
CPN 15	1408	1265	1034	15	11,0	76	1935 x 718 x 1453
CPN 20	1631	1473	1224	20	15	78	1935 x 718 x 1453

\* For weights and part numbers, please contact your local customer center



## CPM Series 3 - 20HP / 2,2 - 15kW



### Quiet by design, complete and compact

Engineered for high performance, efficiency and reliability, the CPM air compressor series can meet the compressed air demands of a tire shop, maintenance shop, vehicle body shop, paint shop or automotive dealership. Quiet by design, the CPM can be installed almost anywhere, without disturbing your working environment. Base mounted or receiver mounted, with or without dryer, the CPM is the leading rotary screw compressor for service or light industrial applications.

CPM 15 270L D



#### Easy operation

Compressed air plain and simple. Just connect the cables, pipes and press start.



#### Efficient cooling

Lower internal temperatures make your compressor more reliable and extend lifetime.



#### Built to last

Designed for continuous duty and very hard working conditions.



#### Fast & cost effective maintenance

No wearing parts: increases reliability and reduces maintenance costs.



#### User friendly control

ES99 controller makes it simple with easy warning and maintenance messages. (only for 7,5 - 20 HP models)



### Innovative design concept

- Compact and all in one system with a limited footprint
- Save space and installation costs with tank-mounted installations with dryer
- A complete installation reducing the risk of air leakages

Technical Table	[l/min]						
Type	8 bar version	10 bar version	13 bar version	HP	kW	dB(A)	L x W x H (mm)
Base mounted							
CPM 3	297	240	na	3	2,2	61	620 x 612 x 995
CPM 4	443	320	na	4	3	61	620 x 612 x 995
CPM 5,5	560	470	na	5,5	4	62	620 x 612 x 995
CPM 7,5	697	600	na	7,5	5,5	64	620 x 612 x 995
CPM 10 M	1008	920	na	10	7,5	64	650 x 642 x 995
CPM 10	1008	920	557	10	7,5	66	810 x 650 x 995
CPM 15	1428	1310	887	15	11	68	810 x 650 x 995
CPM 20	1750	1650	1190	20	15	69	810 x 650 x 995
200L Tank Mounted (+ Dryer)							
CPM 3	297	240	na	3	2,2	61	1429 x 612 x 1300
CPM 4	443	320	na	4	3	61	1429 x 612 x 1300
CPM 5,5	560	470	na	5,5	4	62	1429 x 612 x 1300
CPM 7,5	697	600	na	7,5	5,5	64	1429 x 612 x 1300
CPM 10 M	1008	920	na	10	7,5	66	1429 x 642 x 1300
500L Tank Mounted (+ Dryer)							
CPM 10	1008	920	557	10	7,5	66	1935 x 650 x 1483
CPM 15	1428	1310	887	15	11	68	1935 x 650 x 1483
CPM 20	1750	1650	1190	20	15	69	1935 x 650 x 1483

\* For weights and part numbers, please contact your local customer center

\* All units are available also installed on 270 lt air vessel

# CPA / CPB Series 7,5 - 40 HP / 5,5 - 30 kW



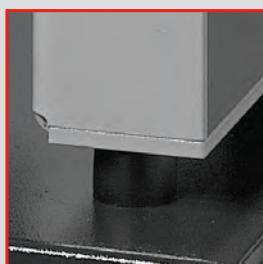
## The ultimate all-in-one solution

Chicago Pneumatic introduced the CPA-CPB Series more than a decade ago. And in this period of time a strong reputation of quality and top performance was built. But, apart from this remarkable past, the design and philosophy have evolved to match new customer needs: a beautiful all-in-one, powerful and silent screw compressor. That's what the CPA-CPB Series is!

A seamless product in terms of user-friendliness, reliability and life duration, which makes this series, "the screw compressor" for tough and hard working conditions.



CPA 10 - 500L



Low noise levels

Insulation foam, deflectors and anti-vibration pads assure low noise levels.



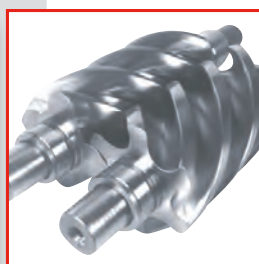
Easy and fast maintenance

Enabled by good positioning of service items: belts, oil and filters.



ES3000

A unique control unit, specially programmed for energy saving.



Built to last

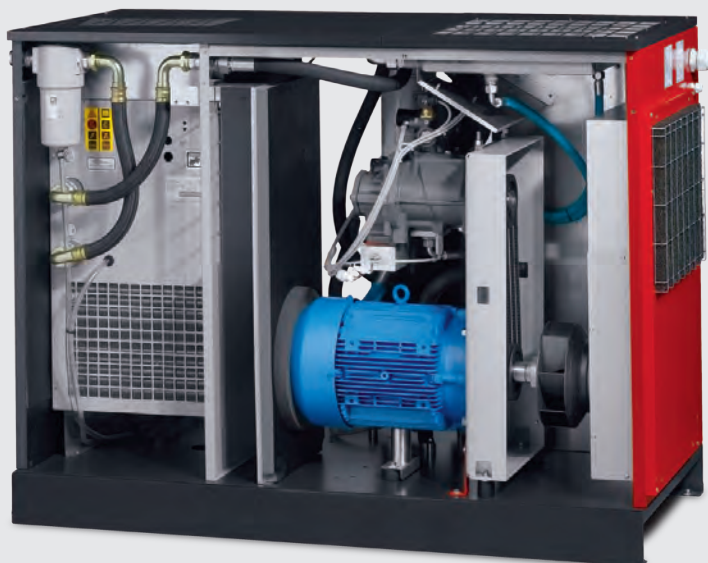
Designed for continuous duty and very hard working conditions.



Small footprint

Compresses, stores and processes air using just 1,5 m<sup>2</sup>.









### Innovative design concept

The CPA-CPB Series can be configured as an ultimate all-in-one solution that includes:

- Air receiver 270 or 500L
- Refrigerant dryer
- Automatic drain
- Line filter

Forget about complex and costly installations. Simply connect the power, connect the piping and press START!

Technical Table	 [l/min]						
Type	8 bar version	10 bar version	13 bar version	HP	kW	dB(A)	L x W x H (mm)
CPA Base mounted				(+ Dryer )			
CPA 7	820	670	520	7,5	5,5	66	1095 x 642 x 1070 (1095 x 642 x 1070)
CPA 10	1153	1000	810	10	7,5	66	1095 x 642 x 1070 (1095 x 642 x 1070)
CPA 15	1665	1435	1210	15	11	69	1095 x 642 x 1070 (1095 x 642 x 1070)
CPA 20	1985	1771	1480	20	15	69	1095 x 642 x 1070 (1095 x 642 x 1070)
* All units are available installed on 270 and 500 lt air vessel							
CPB Base mounted				(+ Dryer )			
CPB 15	1726	1492	1121	15	11	70	1095 x 642 x 1070 (1095 x 642 x 1070)
CPB 20	2218	2020	1538	20	15	70	1095 x 642 x 1070 (1095 x 642 x 1070)
CPB 25	2771	2501	1959	25	18,5	72	1204 x 805 x 1220 (1659 x 805 x 1220)
CPB 30	3511	3011	2612	30	22	74	1205 x 805 x 1220 (1659 x 805 x 1220)
CPB 40	3893	3502	2942	40	30	77	1206 x 805 x 1220 (1659 x 805 x 1220)
* All units are available installed on 500 lt air vessel							

\* For weights and part numbers please contact your local customer center

# CPVR / CPVS Series 10 - 40 HP / 7,5 - 30 kW



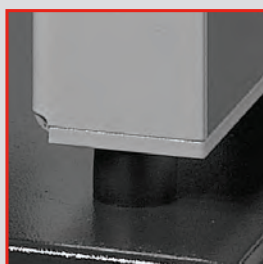
## Compressed air that pays for itself

The Chicago Pneumatic Variable Speed compressor series CPVR-CPVS allows you to drastically reduce your operating costs when your equipment is not working at full capacity all day long. Basically the inverter reduces the motor speed to match your air consumption and as a result, you save energy and money.

The CPVS is great as a stand-alone machine or networked to a load-unload CP compressor where it can function as a master and regulate the air delivery for the whole site.



CPVR 15 - 500L



Low noise levels

Insulation foam, deflectors and anti-vibration pads assure low noise levels.



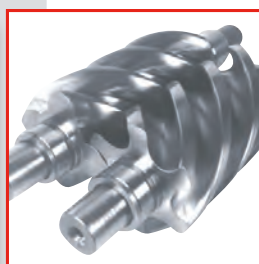
Easy and fast maintenance

Enabled by good positioning of service items: belts, oil and filters.



ES3000

A unique control unit, specially programmed for energy saving.



Built to last

Designed for continuous duty and very hard working conditions.

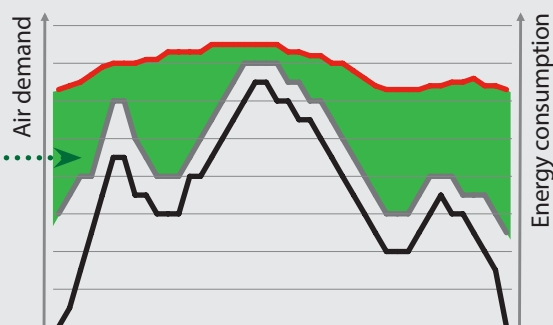
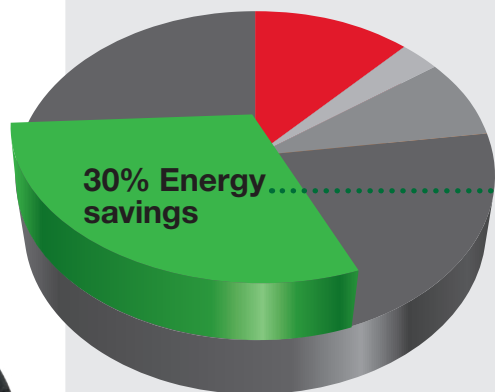


Small footprint

Compresses, stores and processes air using just 1,5 m<sup>2</sup>.



Chicago  
Pneumatic



- 12% investment
- 3% installation
- 8% Service
- 77% Energy consumption
- Air demand
- Variable frequency driven costs
- Load Unload costs
- Savings

### Savings through energy efficiency

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

Technical Table							
Type	l/min min	l/min max	HP	kW	Bar	dB(A)	L x W x H (mm)
CPVR (+ Dryer)							
CPVR 10/6-13	273	1083	10	7,5	6-12,5	73	1095 x 642 x 1095 (1095 x 642 x 1095)
CPVR 15/6-13	443	1559	15	11,0	6-12,5	73	1095 x 642 x 1095 (1095 x 642 x 1095)
* All units are available installed on 270 and 500 lt air vessel							
CPVS 20-40 (+ Dryer)							
CPVS 20/8	660	2250	20	15	5,5 - 9,5	69	1204 x 805 x 1220 (1659 x 805 x 1220)
CPVS 20/10	470	2210	20	15	7,5-12,5	69	1205 x 805 x 1220 (1659 x 805 x 1220)
CPVS 25/8	880	3170	25	18,5	5,5 - 9,5	72	1206 x 805 x 1220 (1659 x 805 x 1220)
CPVS 25/10	670	2730	25	18,5	7,5-12,5	72	1207 x 805 x 1220 (1659 x 805 x 1220)
CPVS 30/8	1020	3620	30	22	5,5 - 9,5	74	1208 x 805 x 1220 (1659 x 805 x 1220)
CPVS 30/10	850	3240	30	22	7,5-12,5	74	1209 x 805 x 1220 (1659 x 805 x 1220)
CPVS 40/8	1240	4170	40	30	5,5 - 9,5	77	1210 x 805 x 1220 (1659 x 805 x 1220)
CPVS 40/10	980	3640	40	30	7,5-12,5	77	1211 x 805 x 1220 (1659 x 805 x 1220)
* All units are available installed on 500 lt air vessel							

\* For weights and part numbers please contact your local customer center



# Chicago Pneumatic: full offer, global presence



Industrial & vehicle service tools



Construction tools



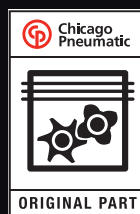
Portable compressors and generators



Paving equipment



Industrial compressors



**Original parts.**  
**Your quality assurance.**

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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.

**[www.cp.com](http://www.cp.com)**