

AshAir

Compressed Air & Vacuum

Screw Compressors

CPA | CPBg | CPVsd



People.
Passion.
Performance.



**Chicago
Pneumatic**

Define your needs, our broad offer does the rest

When selecting from our extensive offer of oil-injected screw compressors, you choose reliable performance, proven technology and increased efficiency. These ranges are suitable for more demanding applications and can be deployed in harsh working conditions. These units are compact, economical to service and quiet, and suitable to install in or close to your workshop (e.g. service garage or small assembly line).



At Ash Air, it isn't just about the products. We're passionate about performance and service, with more than 40 qualified engineers working throughout the country providing unsurpassed compressed air solutions.

Broad product portfolio of robust compressors & tools

Decades of experience & innovation since 1979

24/7 service support with back up and hire equipment

"We are committed to being the easiest company to deal with in the air compressor and vacuum industry. Anywhere, Anytime. 24/7."

Energy Saving Solution



10,200 serviceable units



3.4 MWh potential yearly energy savings identified by leak detection



6015 kW combined power of VSD compressors installed



54.5 km AIRnet piping installed



6 MWh saved with AIRnet and VSD each year



4.2 MTon CO2 emissions eliminated each year

CPA – CPBg



Noise level Silent: 63-71 dB(A)

Vessel size 0, 270 or 500 L

FAD 828-6167 l/min

Power 10-50 hp
7.5-37 kW

Pressure 7.5-13 bar

Weight 251-905 kg

CPVSd



Noise level Silent: 62-71 dB(A)

Vessel size 0, 270 or 500 L

FAD 300-6000 l/min

Power 10-50 hp
7.5-37 kW

Pressure 5.5 - 12.5 bar

Weight 280-925 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 (CPA)
- High efficient gear transmission for low cost maintenance and reliable operation (CPBg)
- Good positioning of service items for easy servicing
- Save space and installation costs with tank-mounted installations

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
- Direct driven transmission for further energy saving (CPVSd)
- Protects your air network against rust and corrosion thanks to integrated solutions (dryer, air filter)

CPA Series 10 - 20 hp / 7.5 - 15 kW Belt Driven



The ultimate all-in-one solution

Chicago Pneumatic introduced the CPA 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 Series is!

Technical Data	Free Air Delivery l/min (cfm)			Noise			Dimensions L x W x H mm	
	8 bar version	10 bar version	13 bar version	hp	kW	dB(A)	Base Mounted (With Dryer)	On Vessel
CPA 10	1242 (44)	1080 (38)	828 (29)	10	7.5	63	1065 x 665 x 1070	1150 x 665 x 1687 (270 L)
CPA 15	1674 (60)	1506 (53)	1212 (42)	15	11	65	1065 x 665 x 1070	1150 x 665 x 1687 (270 L)
CPA 20	2328 (82)	2106 (73)	1686 (59)	20	15	67	1065 x 665 x 1070	1935 x 665 x 1689 (500 L)



Innovative Design Concept

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

- Air receiver 270 or 500 L (available for units up to 20 hp)
- Refrigerant dryer
- Automatic drain
- Line filter

Forget about complex and costly installations.

Simply connect the power, connect the piping and press START!



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.



ES4000

Unique control units, 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 m².

CPBg Series 25 - 50 hp / 18.5 - 37 kW Gear Driven



Strong, reliable, efficient

With this range, Chicago Pneumatic sets a new standard in high efficiency, low noise level and outstanding reliability. These units come with a new element, a high performance gear box and premium efficiency motors. Quiet and available with a dryer, water separator and filters, this machine can easily be installed in a compressor room or in the work place close to the air usage point.

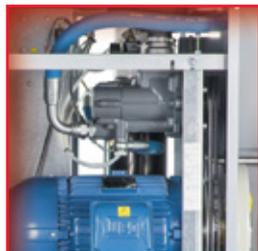
Technical Data	Free Air Delivery l/min (cfm)			 		Dimensions L x W x H mm		
	7.5 bar version	10 bar version	13 bar version	hp	kW	dB(A)	Base Mounted or (With Dryer)	On Vessel
CPBg 25	3317 (117)	2922 (103)	2279 (80)	25	18.5	68	1200 (1350) x 835 x 1220	1940 x 835 x 1835 (500 L)
CPBg 29	3858 (136)	3294 (116)	2790 (98)	30	22	69	1200 (1350) x 835 x 1220	1940 x 835 x 1835 (500 L)
CPBg 40	5467 (193)	4583 (162)	4000 (141)	40	30	70	1320 x 830 x 1555	
CPBg 50	6167 (218)	5067 (179)	4583 (162)	50	37	71	1320 x 830 x 1555	



Gear Drive for High Efficiency

The CPBg series offers you outstanding efficiency and great reliability thanks to the new element combined with robust gearbox technology and premium efficiency motors (IE3).

Add a revised lay-out, a big oil separator and coolers to that and you have a compressor that will grant you total peace of mind. The ideal screw compressor for high energy efficiency and hard working conditions.



Low noise levels

New element gearbox with the deep sound insulation results in very low sound level.



Easy and fast maintenance

Easy maintenance and very low pressure drop thanks to the new oil separation.



ES4000

Unique control unit, specially programmed for energy saving. Advanced option.



Energy recovery

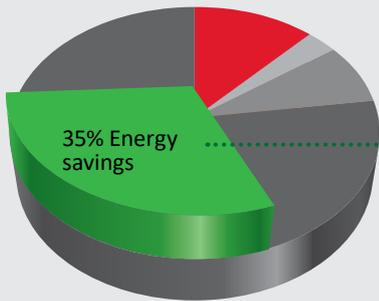
Up to 75% of energy spent to produce compressed air improves efficiency.



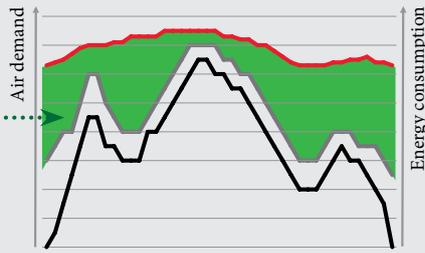
Air quality package

Available with dryer, water separator drain and post filter for improved quality air.

CPVsd Series 10 - 50 hp / 7.5 - 37 kW Direct Driven



- 12% Investment
- 3% Installation
- 8% Service
- 77% Energy consumption



- Air demand
- Variable frequency driven costs
- Load unload costs
- Savings



Direct Drive for outstanding efficiency

The direct driven transmission combined with the high frequency motor result in a very wide turn down and very low specific energy requirement at each speed. The new generation of air ends with very strict tolerances grant outstanding volumetric efficiency resulting in a very low energy consumption.

Technical Data	Free Air Delivery l/min (cfm)		🔧		⚙️	🔊	Dimensions L x W x H mm	
	min @7bar	max @7bar	hp	kW	bar	dB(A)	Base Unit (With Dryer)	On Vessel
CPVsd 10	272 (10)	1225 (43)	10	7.5	5.5-12.5	62	995 (1415) x 655 x 1045	1535 x 655 x 1535 (270 L)
CPVsd 15	265 (9)	1823 (64)	15	11	5.5-12.5	64	995 (1415) x 655 x 1045	1535 x 655 x 1535 (270 L)
CPVsd 21	780 (27)	2911(103)	20	15	5.5-12.5	68	1200 (1350) x 835 x 1220	1950 x 835 x 1835 (500 L)
CPVsd 29	780 (27)	3920 (140)	30	22	5.5-12.5	71	1200 (1350) x 835 x 1220	1950 x 835 x 1835 (500 L)
CPVsd 40	1000 (35)	5450 (192)	40	30	5.5-12.5	70	1330 (N/A) x 830 1555	
CPVsd 50	1067 (38)	6000 (212)	50	37	5.5-12.5	71	1330 (N/A) x 830 1555	



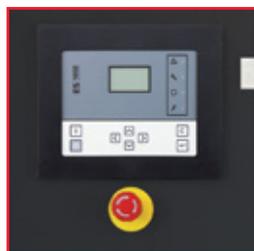
Low noise levels

Both the new elements combined with the deep sound insulation results in a very low sound level.



Easy and fast maintenance

Fast and easy serviceability, all the service components placed close to front panel.



ES4000

A unique control unit, specially programmed for energy saving. ES4000 advanced as option.



Energy saving

New generation of elements combined with converters & efficient transmissions means high flexibility.



Quality air package

Available with dryer, water separator drain and post filter for improved quality air.

