Chicago Pneumatic

Industrial compressors

People. Passion. Performance.

Brand & History

www.cp.com

Chicago Pneumatic

Your ultimate tool on compressed air

Welcome to the Chicago Pneumatic industrial binder. Since decades, Chicago Pneumatic has a heart for the general industry and matches your highest demands with the right compressed air and aftermarket solutions.

First of all, you will be introduced to the Chicago Pneumatic way of working. While our history and general product offer provides you with a general background of our brand, the principles and technologies section will familiarize you with the practical side of compressed air. This gives you the right know-how and confidence to take your business to the next level.

The core content consists of the complete compressed air product portfolio, from piston and screw compressors to dryers and filters. Providing you with the necessary product information and technical data, your business needs will certainly find the right match.

The Chicago Pneumatic industrial binder, a true reference point whenever compressed air is discussed, supporting your business in every possible way.

Way back in 1889...

...John W. Duntley realized that construction workers in particular had a need for many tools that were not available yet. He founded Chicago Pneumatic Tool Company and set out on a lifelong mission to provide all types of industries and companies the tools necessary for their success.

Over the years Duntley grew the company through product innovation, always insisting on product quality and reliability. The name Chicago Pneumatic became known and appreciated by workers around the world for durable, reliable tools that made tough jobs easier and were designed to meet specific needs.

Today, Chicago Pneumatic is a global brand that offers products for almost every industry and countless applications. We are also proud to say, that after all these years, Chicago Pneumatic still stands for reliability, durability and customer value.

Founded over 100 years ago by a guy who saw a need to fill, Chicago Pneumatic has a strong history of constantly looking for new ways to meet your needs, today and tomorrow.

Building on success

Whether you maintain a fleet of trucks or manufacture windmills, your experience of our compressors, tools and equipment is key to our product development and continued success. It is our mission to keep you productive at all times.

Decades of innovation

Chicago Pneumatic is founded First single-valve pneumatic hammer	1901
First electric tools and expansion overseas	1904-1905
Chicago Pneumatic develops air tools and rock drills	1904-1913
Simplate valves replace mechanical valves on compressors adopted by all compressor manufacturers	1912
Chicago Pneumatic tools and equipment are used to build the Empire State Building	1930
Chicago Pneumatic construction equipment is used to construct the Golden Gate bridge	1930s
World's first impact wrench: pneumatic and electric	1939
Famous "Rosie the Riveter" poster showing a Chicago Pneumatic riveting hammer on her lap	1943
Chicago Pneumatic drill bits reach depths approaching 20,000 feet for oil prospecting	1958
Chicago Pneumatic customizes tools for the production of Boeing and Concorde	1960s
The world's first speed ratchet introduced by Chicago Pneumatic at Ford Motor Company	1969
CP611 impact wrench specifically designed for the NY World Trade Center construction	1969-1970
Breakthrough in critical joints for vehicle assembly with crimpnut tool	1971
Patented two-jaw clutch for impact wrenches	1970s
Hundreds of application specific products developed for construction, vehicle and general industries	1990s
Governed oil-free grinders	2000
The new Chicago Pneumatic design is born	2010

People.

Chicago Pneumatic people – product designers, sales technicians, distributors, customers – all have something in common. We are **passionate about performance**. We know that every Chicago Pneumatic power tool, compressor, generator, breaker and paver is perfectly suited to a specific customer need. We are proud of Chicago Pneumatic's over 100-year-long history, and love showing off the latest Chicago Pneumatic product innovation.

Passion.

For Chicago Pneumatic people, **performance** isn't just about products. We place a value on our business partners' and customers' performance, and do our best to make it as easy as possible to work with Chicago Pneumatic. We collaborate, helping each other be even more productive, and showing how Chicago Pneumatic products work better together.

Performance.

Chicago Pneumatic people are **passionate about performance** – passionate about our own professional performance, the performance of our products and the performance of our colleagues and partners.

Chicago Pneumatic people are passionate about performance.

Our focus on your industry

Chicago Pneumatic is the perfect partner for your industrial projects thanks to its extended portfolio of rotary screw compressors, piston compressors, compressed air solutions and services.
The complete range of products excels in solidity always pushing for the best performance possible.
We also offer hundreds of tools designed to meet specific needs of the industry from wrenches to drills.

Our focus on automotive

Since decades, Chicago Pneumatic has a heart for the vehicle service industry: we understand the needs of maintaining and repairing cars. We do not only have the right powerful tools, we also develop, produce and provide the right compressed air and aftermarket solutions that meet your toughest demands as a vehicle service professional. With Chicago Pneumatic, your optimal performance becomes a given.

Our focus on construction

Chicago Pneumatic is also active in the construction business with portable compressors and generators. All are built to withstand tough conditions. They are easy to move and ideally suited for construction site use. Also construction tools (handheld hydraulic, pneumatic and petrol-driven tools, rig-mounted hydraulic breakers), light compaction and concrete equipment are part of our construction offerings. Moreover, all products have been tested thoroughly to ensure excellent product quality and reliable and cost-efficient solutions for your equipment needs.

Check our full offer on www.cp.com

Where our offer meets your industry

Principles & Technologies

www.cp.com

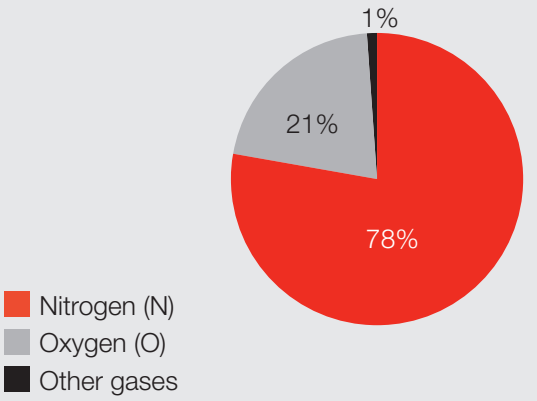
Chicago Pneumatic

1. Compressed air technology

1.1. About air

Life on earth depends on a gas bubble, the atmosphere, that surrounds our globe. This protective bubble extends approx. 1000 km into space. What we commonly call air is a gas mixture consisting mainly of nitrogen, oxygen and a larger or smaller amount of water vapor. The air also contains small amounts of inert gas and, unfortunately, a lot of pollution in the form of hydrocarbons produced by man. The air composition remains largely the same, up to about two miles altitude.

Air composition



1.2. About compressed air

Unlike liquids, air can be compressed; i.e. a given volume of air can be reduced with increased pressure within the new volume as a result.

Compression is carried out in a machine with a power source, a compressor. In its simplest form, a compressor can be a football pump with a human as the power source.

Air is drawn into the pump and compressed to about 1/4 of its original volume. The air pressure inside the football therefore rises to four times atmospheric pressure. We've put air into the ball.

1.3. What does compressed air contain?

The compressed air the compressor produces naturally contains the same elements as the sucked-up ambient air. The water vapor in the air is also compressed and thus the compressed air is humid.

Compressed air from an oil-lubricated compressor also contains small amounts of oil from the compressor's lubrication system.

Depending on what the compressed air is to be used for, there are different requirements for what is acceptable in terms of pollution. The compressed air's quality often needs to be improved by drying (humidity is reduced) and filtering (oil and other particles are removed).

Compressed air quality can be defined in different classes according to an international system.

The absolute atmospheric pressure is about 100 kPa.

The air pressure in a football can be specified in different ways:

- as four times the absolute atmospheric pressure, 400 kPa(a),
- as excess pressure, 300 kPa(e), or
- as 300 kPa (understood as excess pressure).

Units

Atmospheric pressure

In the international unit system, Pa (Pascal) is the accepted basic unit of pressure.
As 1 pascal in compressed air is a very small amount of pressure we typically use the unit:

kPa (1 kilopascal = 1000 Pa)
or
MPa (1 megapascal=1000 kPa)

The general air pressure on the earth's surface can be specified in different ways, with more or less the same meaning:

1 atm (atmosphere) = 1 kp/cm² (kilopond/cm²)
100 kPa (kilopascal) = 1 bar

Compressed air

Compressed air pressure is typically specified as overpressure; i.e. pressure above normal atmospheric pressure. This is usually implicit but is sometimes clarifi ed with an (e), kPa(e). A compressor's operating pressure is generally specified as overpressure.

The compressor's capacity

A compressor's capacity; i.e. the amount of compressed air that can be supplied per unit of time; specified in:

l/min (liters/min), l/sec (liters/second) or m³/min (cubic meters/minute)

Capacity refers to atmospheric pressure expanded air. An (N) before the device; e.g. (N) l/sec stands for "normal" and means that the volume specifi cation applies to a specifi c ambient pressure and a specific temperature. In most practical cases, (N) l/sec is equivalent to l/sec.

1. Compressed air technology

1.4. What happens when air is compressed?

1.4.1 Heat

The power supplied to the compressor is entirely converted during the compression process into heat, regardless of the type of compressor. The total heat production is therefore always equal to the input power.

A relatively small compressor with a motor power of 3 kW thus generates as much heat as a sauna unit! To improve the overall budget of a compressor system, this heat can be recovered through local heating.

To prevent overheating, the compressor's cooling must be properly designed. Cooling is generally achieved using air, or in some cases with water.

1.4.2. Water Vapor

Following compression and a certain amount of cooling, the compressed air is saturated with water vapor and will have a relative humidity of 100%. As the compressed air passes through the compressed air system's coolants, this steam condenses into water.

The temperature at which this occurs is called the dew point. We then find condensate in the air and water tanks and piping. The amount of condensate depends on four factors:

1) the amount of water vapor in the ambient air,
2) the amount of air that is compressed,
3) the compressed air's drop in temperature after compression and
4) the compressed air's pressure.

1.5. Typical use

Compressed air is typically used for applications combining speed, power, precision and save handling, such as sanding, blowing, painting, screwing, sewing, … The advantage of using compressed air instead of electrical tools: more power is generated without risk of electrocution.

Main Benefits

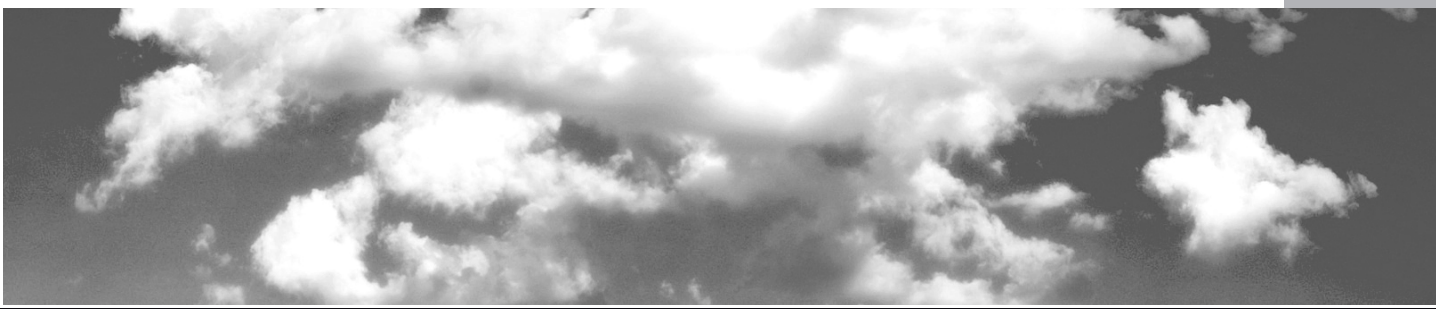
- Easily to transport and to store
- Clean/ dry / light
- Safe to use
- Rational and economical
- Fully adjustable

1.6. Main technologies

The Chicago Pneumatic product portfolio contains a focus on piston and screw compressor technologies. In both cases, the air is compressed via the positive displacement principle which causes air to move by trapping a fix amount of it, then displacing that trapped volume. The same principle is used in a bicycle pump.

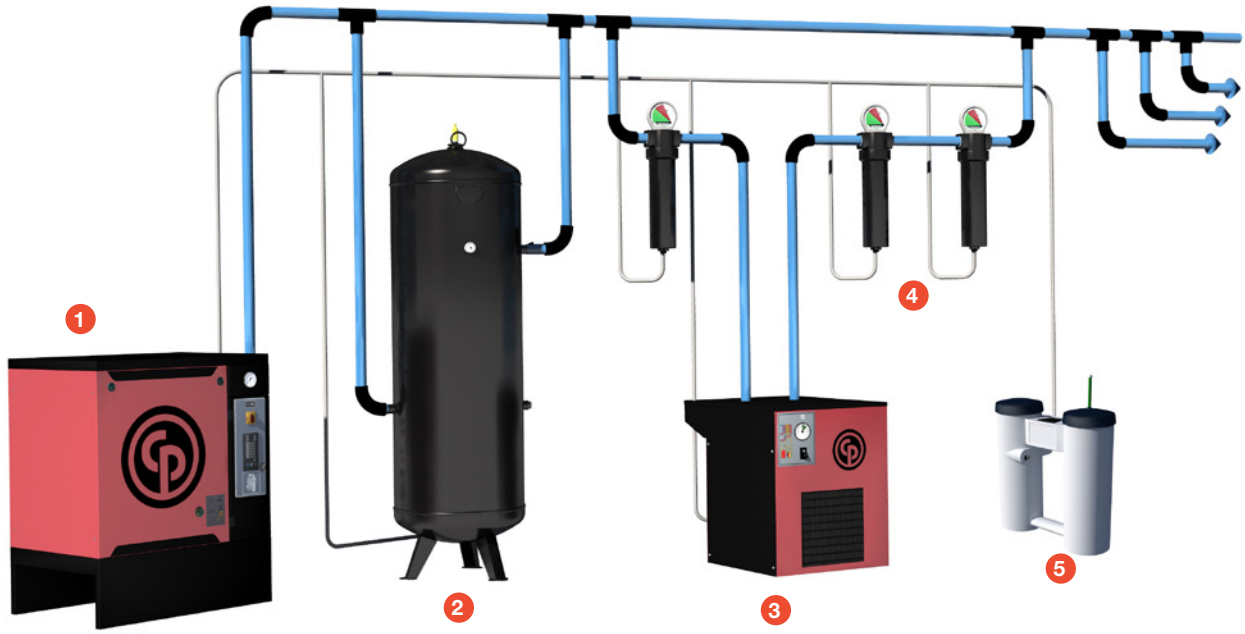
- Piston technology makes use of the reciprocating principle while screw technology makes use of the rotary principle.
- Piston compressors are ideal for occasional to intermittent professional use of compressed air, whereas screw compressors are suited when there is a continuous compressed air demand, e.g. for larger industrial applications

Piston technology allows applications which require pressure above 1300 kPa (13 bar). Amongst other types of compression are: scroll, tooth, or dynamic radial or axial compressors.



1.7. Describing the system

We identify two main types of compressors: reciprocating compressors and screw compressors. A comprehensive compressed air system, which meets modern budgetary, accessibility and environmental demands, consists of the following units.



1. Compressor
2. Air tank
3. Refrigerant dryer
4. Filter
5. Oil-water separator

1.8. Choosing the compressor system

In order to choose the right type of compressor and associated equipment, we need to know or determine certain conditions. An accurate assessment of the actual requirements means the selected system is used optimally,with regard to capacity and budget.

Basic Requirements

The following factors are essential when designing a compressor system:

- What amount of compressed air is needed to perform the proposed job?
- What quality of water, oil and particulate content of the compressed air is required for the supporting equipment?
- During which operational cycle is the compressed air used?
- Which operating pressure does the supporting equipment require?

1.8.1. Amount

Compressed air consumption can be estimated from past experience. The method is uncertain and requires considerable experience on the part of the assessor.

Another way is to measure an existing compressor's load; a method that works well for the expansion of an existing system.

A third method is to measure connected machines and tools' compressed air consumption. To get an accurate result, it is important to include the working time and the consumption's operational cycle in the assessment.

1.8.2. Working pressure

The compressor is adapted to the piece of equipment that requires the maximum working pressure. Compressed air tools within the industry are often designed to be supplied with a working pressure of 600 kPa. The compressor will normally produce a slightly higher pressure to compensate for pressure drops in compressed air dryers, filters and ducts. In the above example, a suitable working pressure for the compressor would be 700 kPa.

1.8.3. Operational Cycle

Is consumption continuous around the clock? Does consumption vary during the working day? Is there any special equipment that requires large intermittent expulsion of compressed air?

1.8.4. Quality

Depending on what the compressed air is to be used for, determines what is acceptable in terms of particles, oil residue and water.

2.1. What is piston technology?

A piston moves up and down inside a cylinder, compressing the air within it.

Intake phase (fig. 01):
As the piston descends, the inlet valve opens, and air is drawn into the cylinder through the inlet filter.

Compression and discharge (fig. 02):
As the pistons ascends, the inlet valve is closed, and the air in the cylinder is compressed. At a certain moment the discharge valve opens to allow the compressed air to be released.

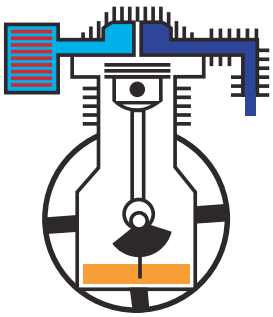


fig. 01

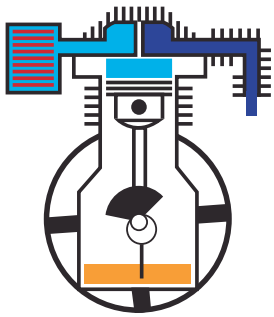


fig. 02

2.2. Types

Piston compressors are available in different types, such as direct driven and belt driven configurations, both tank and base plate mounted. On top of that there are silenced, fully cast iron, and engine driven compressors:

- CPRA: Direct Driven Oil Lubricated
- CPRB: Direct Driven Oilless
- CPRC: Belt Driven Single Stage
- CPRD: Belt Driven Dual Stage
- CPRF: Belt Driven Baseplate
- CPRS: Belt Driven Silenced
- CPRK: Belt Driven Cast Iron
- CPRE: Belt Driven EngineAIR

Main Benefits

1. Robust, reliable and proven technology
2. User friendly with an easy installation and maintenance
3. Large offer with many different configurations
4. Moveable configuration: light-handling and easy to move

3. Screw Compressors

3.1. What is screw technology?

A compressor with screw technology compresses the air via two interlocked rotors, a male and female rotor. These rotate in opposite directions, reducing the volume of air between them and their housing. To avoid air leaking between the rotors, the rotating elements are sealed by oil, which also prevents overheating.

A screw compressor typically will have less moving parts. This allows the element to run at a high speed, producing high volumes of air relative to its small dimensions, making it ideal for applications where continuous air flow is needed. It also enhances longer life time.

3.2. Types of screw compressors

3.2.1. Load/ Unload screw compressors

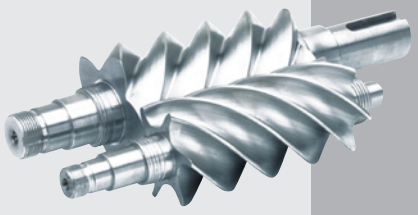
Once the set maximum air pressure is achieved, the compressor will switch into unload mode. The compressors' element stop producing air, but the electric drive motor continues to run. This drive technology is known as the 'load/unload' system.

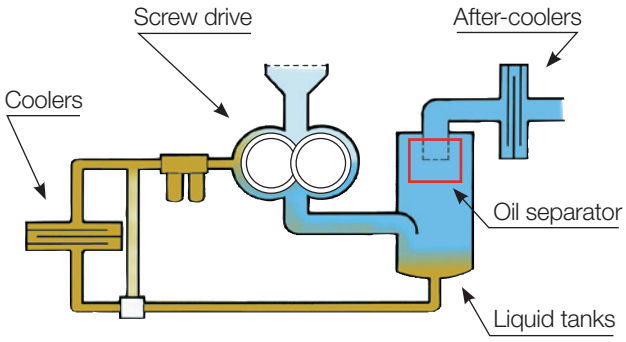
3.2.2. Frequency driven compressors

Frequency driven compressors are fitted with electronic power source speed control and are able to keep compressed air pressures constant and within a very tight pressure band. The compressor's capacity is automatically adapted to a precise air requirement. This is achieved by continuously and accurately measuring the system pressure. The pressure signal is then used to control the motor's frequency converter and consequently the motor speed. The pressure within the system can be kept within 0.1bar. They operate using the same principles as load/unload compressors. The added inverter adjusts the motor speed to the air demand.

Main Benefits

- Operates using the same principles as load/unload compressors
- The added inverter adjusts the motor speed to the air demand
- Energy savings
- Superior design allows smooth continuous air flow to be produced with the minimum moving parts
- Excellent performance
- Excellent reliability
- Longer life
- Bigger air flow
- Cleaner compressed air
- Lower oil residual in compressed air
- No pulsation in air





Principle of liquid injected screw compressor

4.1. Introduction

CP offers a comprehensive range of control and monitoring systems for its compressed air products. These can be set-up according to the needs of the customer; they can be used either for an individual compressor or an entire compressor installation. Moreover, they allow the customer to optimize their operation and save costs.

4.2. ES3000 (Standard) & ES4000 (Advanced)

ES3000 Standard

ES4000 Advanced

The ES controllers (Standard & Advanced) operate with all compressor types: load/unload and variable speed. These new controllers ensure permanent pressure follow-up and have standard running parameters which can manually be modified and protected with a password. Other features include intelligent unload cycles and automatic restart after power failure. The advanced model also offers a wider range of timers and an integrated central controller.

The ES controllers calculate the running time percentages at different load levels. This information can be used to assist the customer in optimizing compressor usage.

4.3. ECOntrol 6

ECOntrol 6 defines your compressed air needs and matches those with a specific air supply. This optimized energy consumption allows you to save a significant amount of money. Being able to perfectly manage your compressor or compressed air network will get you many positive results. With our ECOntrol 6 central control system, you can efficiently monitor and control one or more compressors, improving the overall performance. Guaranteeing a transparent and streamlined compressed air process, ECOntrol 6 offers great value to your compressed air network.

Main Benefits of ECOntrol 6

Cost savings

- Optimized energy use by matching air supply to your needs
- Energy savings through:
  - Intelligent unload cycles
  - Pressure measurement in airnet, no cascading
  - Pressure band can be reduced to 0.1 bar
  - Lower pressure by 1 bar reduces energy by 7%
  - Lower pressure by 1 bar reduces leakages by 13%

Transparent operation

- Central communication point
- Clear and visual graphical display
- Online monitoring and controlling possible

Complete control

- Visual overview of compressor room processes
- 'Best size' compressor selection
- Equalization of running hours, spread over the different compressors with the same priority
- Running hours can be added for new machine

5. Energy-efficiency in compressed air

5.1. Introduction

In the lifecycle of a compressor, energy is the biggest cost. Chicago Pneumatic offers a portfolio of systems and technologies that lower your operational cost and reduce your carbon footprint.

5.2. Frequency driven technology

The amount of compressed air needed on a certain moment varies depending on production demand. These variations may be more or less intense. The more intense they are, the more load/unload cycles there are, which results in more energy being wasted.

The intelligent way of cutting consumption and power costs is producing only the air that is needed for the production cycle.

Thanks to the frequency driven technology, net pressure is kept constant which creates stability for all processes that use compressed air, peaks during start-up are eliminated and energy costs reduced dramatically.

5.3. Energy Recovery System

The heat created by the compression of air is normally wasted. CP provides a solution to recover and save this energy.

5.3.1. In general

When air is compressed, heat is formed. Before the compressed air is distributed into the pipe system, the heat energy is extracted, and becomes waste heat. For each compressed air installation, the issue of sufficient and reliable cooling capacity for the installation must be addressed. Cooling can take place either by means of outdoor air or a cooling water system that uses municipal water, stream water or process water in an open or closed system. Many installations that produce compressed air offer significant and frequently unutilized energy saving possibilities in the form of waste energy recovery.

Energy recovered by means of a cooled cooling system enhances compressor operating conditions, reliability and service life due to an equalized temperature level and high cooling water quality.

5.3.2. Significant energy savings

The energy costs to produce compressed air can amount up to 80% and a major amount of the energy supplied to the compressor can be recovered in the form of hot water or hot air to be used as an energy source within your production process

The return of investment for energy recovery is rather fast. Moreover, due to the use of high cooling water quality and an equalized temperature level, the operating conditions, reliability and service of the compressor improve a lot.

5.3.3. Applications which use the recovered energy

The recovered energy in the form of hot air or hot water can be used in different kind of applications within your production process.

- Hot tap water
- Heating of radiators
- Heating of boilers
- Ground heating
- Industrial applications using hot water

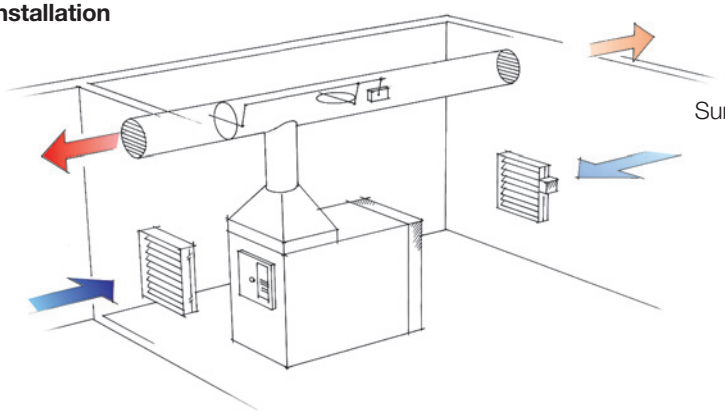
5.3.4. Airborne heat recovery

A simple and inexpensive method which, in most installations, provides rapid recovery of investment costs. In winter, the warm air from the compressor's air outlet is fed into the
adjacent chamber through a duct. The air is returned from this chamber to the compressor chamber through a valve.

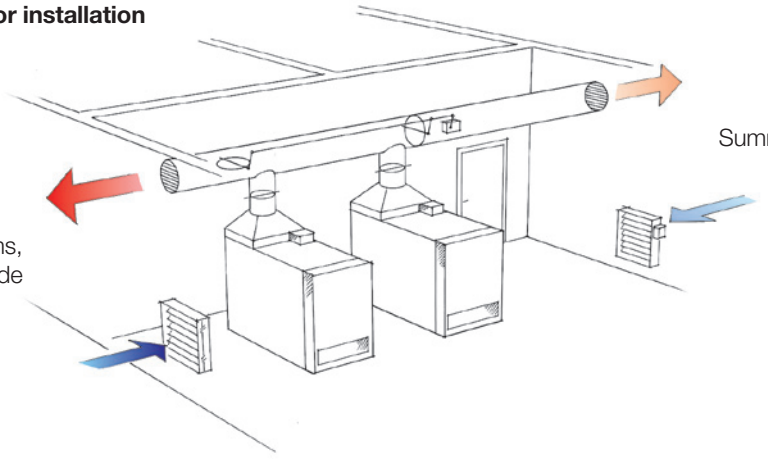
In summertime, the cooling air is fed from outdoors through a valve and back outside through the duct, which is then closed for heat recovery to an adjacent room.

In joint systems for heat recovery from dual compressors, a valve is mounted on each compressor that is interlocked with the compressor's motor. In this way hot air is prevented from being pushed back into a compressor that is idle.

Single compressor installation



Double compressor installation



6. Quality Air Solutions

6.1. What are quality air solutions?

Quality air solutions are the combination of compressed air treatments that make the air dry, clean and in some cases free of oil. The quality of the compressed air very much varies depending on the air taken in by the compressor. During the compression process water and dirt particles combine with the oil used in the compressor, which results in contamination of the compressed air.

All these impurities could cause wear and corrosion to the downstream equipment, with potential costly interruption to production, and reduction in the efficiency and service life of the equipment.

Main benefits

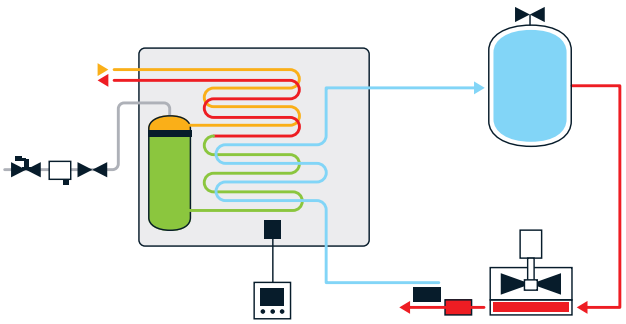
- advanced lifetime and enhanced efficiency
- high air quality
- clean and pure air

6.2. Typical use

In circumstances where high air quality and efficiency are important, air treatment is a necessary and highly recommended aspect of compressed air technique.

6.3. Refrigerant Dryers

Atmospheric air contains water in vapour form in different volumes according to the ambient conditions. A refrigerant dryer is used for cooling the compressed air, which allows a large amount of the water to condensate and be separated.



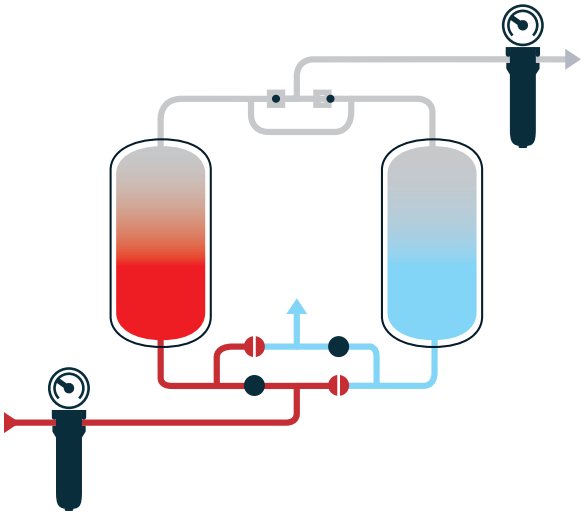
Under compression, this water is drawn in along with the air. After compression, the air and water are then discharged to the distribution system, with some of the water content normally being removed by a compressed air aftercooler and then discharged.

However, a large proportion of the water vapour content remains in the compressed air, moving in the pipe distribution system as the air is consumed.

By using the refrigerant cooling characteristics of certain fluids, these dryers lower the temperature of the compressed air, causing water vapour to condense and discharge prior to it entering any distribution system.

6.4 Adsorption dryers

The adsorption dryer consists of two pressure tanks which both contain a desiccant; usually aluminum oxide, silicon gel or a mixture of these. The compressed air passes through one chamber and is dried as a result of contact with the desiccant to a dew point of -25°C or lower.



Most of the dry compressed air then passes directly into the compressed air system. The remainder, 3-15%, is led into the second tank, where it expands to atmospheric pressure. The dry, expanded air then absorbs the moisture from this container's desiccant and then, together with the moisture, is released into the environment. After a certain time, the containers switch functions and we thus have a continuous drying process.

6.5. Oil Water Separator

Atmospheric air contains large amounts of water vapour and dust particles. These contaminants are mixed with the hot oil during the compression process to form an acidic, abrasive outlet contaminant. Following the compression process the air is cooled causing large amounts of contaminated condensate to be formed. To conform with current legalization this contaminated condensate must be treated before disposal.

Using an oil water separator, such as our CPP range, it is possible to separate and remove this contamination leaving water that can be simply discharged into the foul sewer. Our goal is to offer you a condensate treatment system that is easy to install, with minimal operating costs, in order to minimize your “compressed air waste” treatment costs.

6.6. Filters

Filters can hold and remove polluting agents that can damage the regular operation of the production cycle of a compressor. There are five different types of filters.

6.6.1.Pre-filter

Alternatively called the particulate filter. The pre-filter is ideal as a protection filter of the line with downstream accessories, in case of compressed air with high contamination of liquids and dust. It is usually suggested for rough uses of compressed air in general.
The solid particles are removed by several layers of filtration media, which consists of acrylic fibers and polyester nonwoven fabric.

6.6.2.Dust filter

The dust filter is used as a filter in a system with higher fine dust quantities, for example at the outlet of a dessicant dryer. It is normally used as an additional filtration after the pre-filter (particulate filter) or as a pre-filter to the high efficiency coalescence filter.

6.6.3. Coalescence filter

The coalescence filter consists of several layers of filtration media made from olephobic glass microfibers, which capture solid particles and oil vapors. Small oil droplets are coalesced to form larger droplets that then migrate to the bottom of the filter under the influence of gravity, where they can be discharged through the drain. The coalescence filter is specifically suitable as a pre-filter for dryers by refrigeration, as well as for de-oiling device filters, for preventing the tear of piping, of surface treatments and other applications.

6.6.4.High efficiency coalescence filter

The high efficiency coalescence filter uses filter media with an ultrahigh efficiency to guarantee remove of oil and hydrocarbon vapors. It is specifically suitable as post-filter for dryers by refrigeration, as a pre-filter for activated carbon filters and dryers by adsorption, pneumatic transports, painting plants, control systems, laser cutting and other applications.

6.6.5. Activated carbon filter

The activated carbon filter contains filter media that are made of glass-impregnated microfibers with activated carbon, which not only captures oil vapor, but also hydrocarbon odors. The activated carbon filter is used in the pharmaceutical and chemical industry, in the food industry, in photography labs, in the packaging industry, with galvanic treatments, quality painting and other applications.

7.1. Compressed air budgets

7.1.1. Correct pressure is important

Compressed air-powered tools within the industry are gener-ally constructed for an operating pressure of 600 kPa. The compressor's operating pressure should be slightly higher to compensate for pressure losses along the way to the tool.

Falling pressure has a major impact on tool performance. If the pressure, which supplies, for example, a drill, is reduced from 600 to 500 kPa, output is reduced by about 25%, which of course makes working with the drilling machine slower.

Feeding tools with pressure which is too high is not good either. An increase in pressure from 600 to 900 kPa makes a power wrench 50 percent stronger, but also 50 percent overloaded. Overloading leads to damage and shortens the life of the tool.

Increasing the operational pressure also increases com-pressed air consumption and thus energy costs.

7.1.2. Dry compressed air is economical compressed air!

A compressor plant without a compressed air dryer supplies the pipeline with compressed air with a relative humidity of 100% and consequently a dew point which is the same as the compressed air's temperature.

For each degree of temperature drop in the piping system, the condensation water will precipitate and cause corrosion in pipes and associated tools and machinery.

Water in the piping system also requires continuous main-tenance of the water separator and fi lters.
In addition, the wear on pneumatic tools will increase.

A compressor's air dryer in the system eliminates these problems and the additional costs they incur.

7.1.3. The compressor's location

Generally, the compressor is placed as close to the workplace as possible.

Compressed air consumption

The compressed air consumption of a compressed air machine increases with pressure in accordance with the following.

Operational pressure kPa	Correction factor
500	0,8
600	1
700	1,2
800	1,4
900	1,6
1 000	1,8

Example:

A grinding machine which, according to the supplier consumes 700 l/min at 600 kPa will consume 700 x 1.6 = 1,120 l/min at 900 kPa.

For larger facilities, a centrally located compressor sys-tem is preferable to having compressors at each work unit. The benefi ts are many:

- It is easier to optimize a compressor system's capacity, which affords lower energy and investment costs.
- Interconnection of several compressors provides bet-ter operating budgets.
- Easier monitoring results in lower maintenance costs.
- Ventilation and heat recovery can be made more effi cient by reducing energy costs as a result.

7.2. Compressed air consumption for some common machines

Equipment	Compressed air consumption l/min	Utilization factor* of the company	
		Manufacturing	Service center
Drill 10 mm	500	0,2	0,1
Angle grinder 5”	900	0,2	0,2
Angle grinder 7”	1 600	0,1	0,1
Polishing Machine	900	0,1	0,2
Impact Wrench 1/2”	450	0,2	0,1
Impact Wrench 1”	800	0,2	0,1
Chipping hammer	400	0,1	0,05
Varnishing machine	500	0,2	0,3
Pressure cleaner	350	0,05	0,05
Paint Gun	300	0,6	0,1
Small pressure cleaner	300	0,1	0,2
Free-jet blaster 6 mm	2 000	0,6	0,1
Free-jet blaster 8 mm	3 500	0,6	0,1
Breathing mask, light work	50	0,6	0,2
Breathing mask heavy work	200	0,6	0,2

*) The utilization factor can vary greatly in different applications. The stated value can only be used as a guideline

Example of a calculation of a garage’s average compressed air requirements:

2 drills	2 x 500 x 0,1	=	100
2 impact wrenches 1/2”	2 x 450 x 0,1	=	90
1 polishing machine	900 x 0,2	=	180
1 buffi ng machine	500 x 0,3	=	150
1 paint gun	300 x 0,1	=	30
3 pressure cleaners	3 x 350 x 0,05	=	53
consumption:			603 l/min
Addition for leakage 10%:			60
Reserve for future needs 30%:			180
Basis for choosing the compressor:			843 l/min

When selecting the compressor, the compressor’s level of utilization must be considered. For screw compressors, 70% utilization rate can be selected, which in this case means a suitable compressor capacity of about 1200 l/min.

The calculation must also take into account how many machines may be operating simultaneously. The formula for a rough estimate of the compressed air consumption of a pneumatic cylinder:

$$x\ S \times P \times A \times F = L \qquad \frac{D \times D \times 3.14}{4}$$

S = stroke length in dm
D = piston diameter in dm
P = operational pressure in bars
A = behavior: dual-action = 2, single-action = 1
F = frequency, number of strokes/min
L = air consumption in l/min

The calculation formula does not take account of the piston’s volume, allowing a slightly higher value than the theoretical accuracy to be achieved. However, this can be a marginal in a practical calculation.

7.3. Classification of compressed air quality

ISO standard 8573.1 for the classification of compressed air quality

The European cooperative organization for suppliers of pneumatic equipment, PNEUROP, has developed an ISO standard for the classifi cation of compressed air content in terms of solid particulates, water and oil.

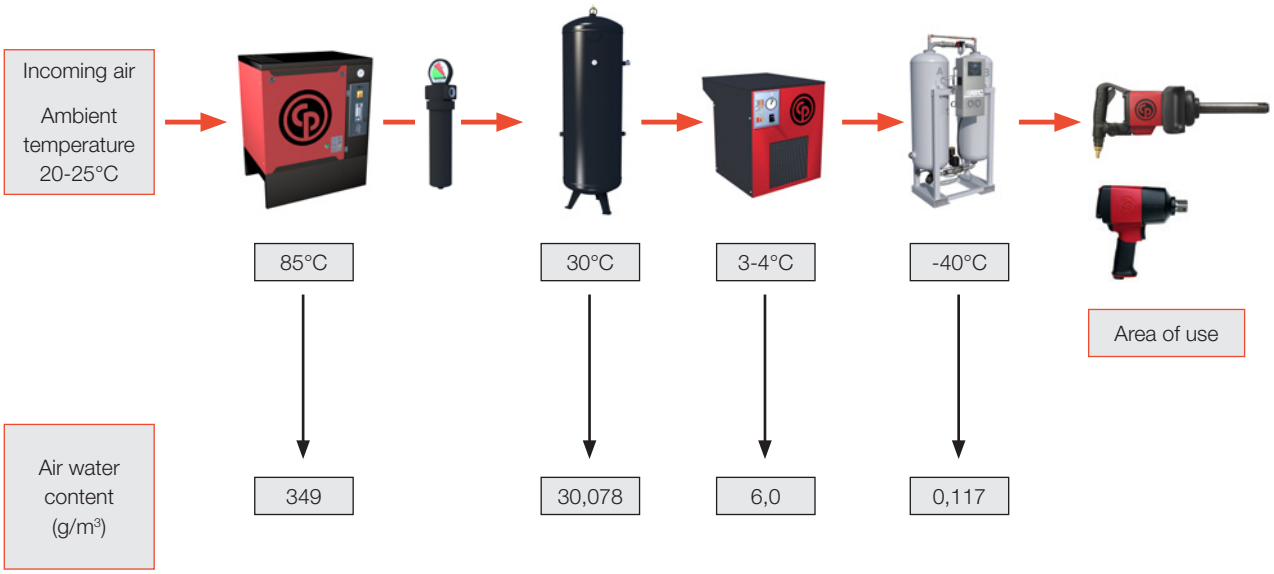
Quality class	Solid particle content		Water content		Oil content
	Max. size mu	Max. amount mg/m³	Dew point °C	Amount g/m³	Max. amount mg/m³
1	0,1	0,1	– 70	0,003	0,01
2	1	1	– 40	0,11	0,1
3	5	5	– 20	0,88	1,0
4	40	10	+ 3	6,0	5
5	–	–	+ 7	7,8	25
6	–	–	+ 10	9,4	–

Typical requirements for compressed air quality classes according to ISO 8573.1 for some uses

Application areas	Quality class		
	Solid particle content	Water content	Oil content
Air stirring	3	6	3
Air motors, large	4	5–2	5
Air motors, miniature	3	4–2	3
Air turbines	2	3	3
Transportation of granulates	3	5	3
Transportation of powder	2	4	2
Fluidistors	2	3–2	2
Foundry machinery	4	5	5
Contact with provisions	2	4	1
Pneumatic tools, industrial	4	6–5	4
Mining Machinery	4	6	5
Packaging machines	4	4	3
Textile machinery	4	4	3
Pneumatic cylinders	3	4	5
Film Handling	1	2	1
Precision Regulators	3	3	3
Process Instruments	2	3	3
Sand blasting	-	4	3
Spray Painting	3	4–3	3
Welding machines	4	5	5
Workshop air, general	5	4	5

The air's water content at different dew points

Dew Point °C	g/m³	Dew Point °C	g/m³	Dew Point °C	g/m³	Dew Point °C	g/m³
+ 100	588,208	**58**	118,199	**16**	13,531	**-26**	0,51
98	550,375	**56**	108,2	**14**	11,987	**-28**	0,41
96	514,401	**54**	98,883	**12**	10,611	**-30**	0,33
94	480,394	**52**	90,247	**10**	9,356	**-32**	0,271
92	448,308	**50**	82,257	**8**	8,243	**-34**	0,219
90	417,935	**48**	74,871	**6**	7,246	**-36**	0,178
88	389,225	**46**	68,056	**4**	6,356	**-38**	0,144
86	362,124	**44**	61,772	**2**	5,571	**-40**	0,117
84	336,661	**42**	55,989	**±0**	4,868	**-42**	0,093
82	311,616	**40**	50,672	**-2**	4,135	**-44**	0,075
80	290,017	**38**	45,593	**-4**	3,513	**-46**	0,061
78	268,806	**36**	41,322	**-8**	2,984	**-48**	0,048
76	248,841	**34**	37,229	**-12**	2,156	**-52**	0,031
72	212,648	**30**	30,078	**-14**	1,81	**-54**	0,024
70	196,213	**28**	26,97	**-16**	1,51	**-56**	0,019
68	180,855	**26**	24,143	**-18**	1,27	**-58**	0,015
66	166,507	**24**	21,587	**-19**	1,05	**-60**	0,011
64	153,103	**22**	19,252	**-20**	0,88	**-70**	0,0033
62	140,659	**20**	17,148	**-22**	0,73	**-80**	0,0006
60	129,02	**18**	15,246	**-24**	0,61	**-90**	0,0001



7.4. Ventilation Requirements/Heat Recovery

Ventilation requirements for the compressor chamber with air-cooled compressors and free discharge of the compressor's cooling air into the room

Compressor motor power kW	The required fan capacity * m^3/s	The appropriate size of the air intake ** W x H mm
3	0,30	300 x 300
4	0,40	300 x 300
5,5	0,55	400 x 400
7,5	0,75	500 x 500
11,0	1,10	500 x 500
15,0	1,50	600 x 600
18,5	1,85	700 x 700
22	2,20	800 x 800
30	3,0	900 x 900
37	3,7	1 000 x 1 000
45	4,5	1 100 x 1 100
55	5,5	1 200 x 1 200
75	7,5	1 400 x 1 400
90	9,0	1 500 x 1 500

*) In the event of a +8oC temperature rise of the ventilation air. The fan should be thermostatically controlled for the temperature in the compressor room.

**) Corresponding to an air velocity through the air intake of approx. 4 m/s.

Ventilation requirements for the compressor chamber with air-cooled screw compressors and duct connection of the compressor's exhaust

Compressor motor power kW	The required fan capacity * m³/s	The appropriate size of the air intake ** W x H mm
4	0,22	300 x 300
5,5	0,32	400 x 400
7,5	0,45	400 x 400
11,0	0,53	500 x 500
15,0	0,70	500 x 500
18,5	0,75	600 x 600
22	0,80	600 x 600
30	1,34	700 x 700
37	1,40	700 x 700
45	1,80	800 x 800
75	2,80	1 000 x 1 000
90	3,40	1 100 x 1 100
75	7,5	1 400 x 1 400
90	9,0	1 500 x 1 500

*) Allowable max. pressure drop in the compressor's outlet duct: 30 Pa If there is a risk of a large pressure drop, a fan must be installed.

**) Corresponds to an air velocity of approx. 3 m/s. The temperature rise of cooling air at the duct connection of the compressor is approximately 20°C. The table refers to screw compressor series RLC, RLE and RL, and can be used for rough calculations for other models of screw compressors with similar design.

Useful formulas and rules

Water heating:

$$\frac{\text{Power in kW x 860}}{\text{Water flow l/h}}$$

= Temperature increase in °C

Air heating:

$$\frac{\text{Power in kW}}{\text{1.25 x airfl ow in m}^3\text{/sec}}$$

= Temperature increase in °C

The energy needs for heating normally insulated workshop: about 1 kW/day/m³ (volume of air in the room).
The heating oil's heat content at normal level of effi ciency in the air heater: about 8 kW/l oil.

Product Information

Product Information

www.cp.com

Chicago Pneumatic

Professional mobile workbench

CPRA / CPRB Series
0,7 - 2,2 kW / 1 - 3 hp

Technology	Piston compressor
Use	Short time - intermittent
Noise level	Standard
Vessel sizes	0, 6, 10, 11+11, 24, 50 or 90 L
Air displ.	130 - 340 l/m
Power	1 to 3 hp / 0,7 to 2,2 kW
Pressure	8 - 10 bar
Weight	15 - 97 kg
Dimensions by vessel size (in mm)	6L: 455-530 x 210-475 x 500-540 10L: 480 x 510 x 550 11+11L: 650 x 790 x 670 24L: 420-600 x 255-640 x 590-770 50L: 520-830 x 300-520 x 680-960 90L: 1070-1080 x 390-445 x 800-890 200L: 1500 x 450 x 890

Flexibility and compactness

Short tasks to complete and small things to repair? The direct driven oil lubricated compressors are suitable for all your DIY and small workbench applications. They come in all kinds of compact configurations and vessel sizes, providing top flexibility to match the demand of any customer. The oilless units are suitable for any smart car and home maintenance tasks. There are no risks of oil spilling, and you do not have to worry about complicated maintenance.

User benefits

Easy to move

Large wheels providing easy movement.

Comfortable handling

Ergonomic and user friendly handling thanks to inclined gauges

Easy to carry

Light and compact and without oil

Stability

Twin tank with wide footprint and inflatable rubber wheels.

No oil spillage

CPRB units do not contain oil.

CPRA / CPRB Series
0,7 - 2,2 kW / 1 - 3 hp

Relaible flexibility

1. Strong rubber foot
2. Different vessel sizes available
3. All moveable units are easy to pull
4. Different pumps for all customers
5. User friendly gauges and indicators

Features, options and benefits

Silenced unit	Extra user friendly
V-shaped power	Top performance on small footprint
Rollbar	Total protection
Vertical configuration	Reduced footprint
Double handle	Ultimate flexibility
Twin tank	Optimal stability
Pneumatic tyres	Extra moveability
Rubber grips	Extra grip comfort

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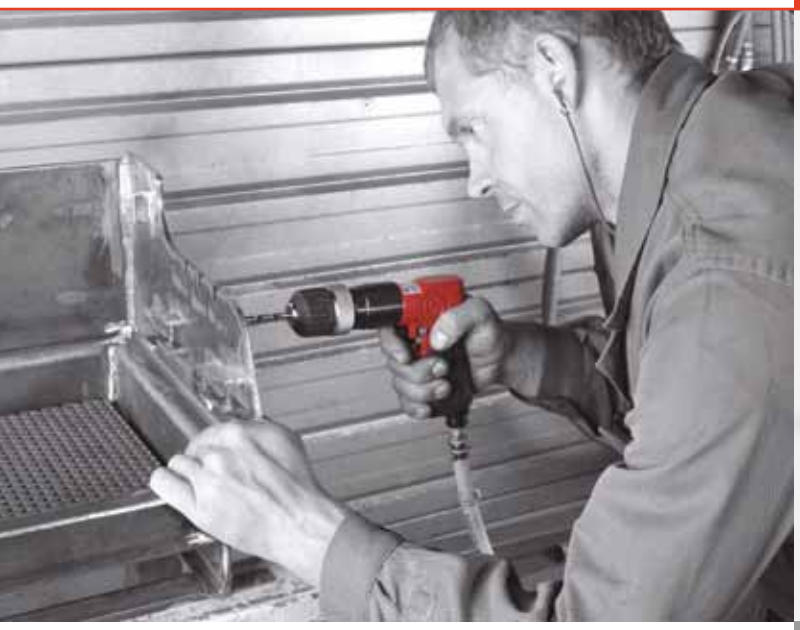
- extended lifetime
- improved reliability
- power performance
- cost effectiveness
- detailed instruction

CPRC Series
1,5 - 3 kW / 2 - 4 hp



Easy and performant

These belt driven units with a one stage compression are easy and efficient to handle, and they are powerful, performant and reliable at the same time. These units are available in stationary and moveable configurations, and the range includes silenced units for optimal user comfort.

Technology	Piston
Use	Short time + Intermittent
Air quality	Standard
Noise level	Standard + Silent
Vessel sizes	0, 27, 50, 90, 150, 200 or 270 L
Air displ.	255 - 486 l/min
Power	2 - 4 hp / 1,5 - 3 kW
Pressure	10 bar
Weight	28 - 160 kg
Dimensions by vessel size (in mm)	0 L: 640x320x360 27 L: 780-830x370-470x710-960 50 L: 780-940x365-410x690-800 90 L: 985-1000x395-410x820-900 150 L: 850-1380x420-970x950-1950 200 L: 1500x450x960 270 L: 1530x600x1160

User benefits

Safe and robust

Metal beltguard offering sturdy protection.

Movability

Ergonomic and comfortable handling with rubber grips.

Lower air temperature

Large cooling fins aftercooler.

Simultaneous use

Dual outlets for more user flexibility.

User comfort

Easy maintenance and clear oil level indicators.

CPRC Series
1,5 - 3 kW / 2 - 4 hp

Ultimate user comfort

1 Blockable front wheels for most units
2. Different vessel sizes available
3. Double handle with rubber grip
4. Double outlet and user friendly pressure reducer
5. Strong reliable pumps

Options, features and benefits

CPRS: silenced range	Ultimate user comfort
CPRF: baseplate unit	Flexibility
Vertical configuration	Space saving solution

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Medium to bigger sized workshops and work stations

CPRD Series
3 - 18 kW / 4 - 25 hp

Range

Piston compressors

Professional top performance and reliability

Belt driven units are designed to deliver more air and higher pressures to increase the number of possible applications. Strong components, optimal air flows, inter- and aftercoolers, guarantee the reliability and efficiency required in medium to bigger sized workshops and service stations. The compressors are available in stationary and moveable configurations and with silenced canopy. Top of the bill is the NS89 pump, driven by a 25 hp motor and mounted on a 900 liter tank.

Technology	Piston
Use	Intermittent - Intensive
Air quality	Standard
Noise level	Standard - Silent
Vessel sizes	0, 200, 270, 500 or 900 L
Air displ.	514 - 2420 l/min
Power	4 - 25 hp / 3 - 18 kW
Pressure	10 - 11 - 15 bar
Weight	130 - 604 kg
Dimensions by vessel size (in mm)	0L: 945-1270x640-780x800-960 200L: 1500x450x960 270L: 850-1600x590-970x1160-2100 500L: 2020-2450x660-1000x1300-1600 900L: 2450-2650x850-950x1700-1770

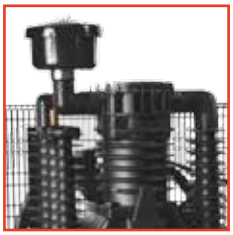
Screw compressors

Quality Air Solutions

User benefits

Top performance

Dual compression for higher pressures and higher air delivery.



Efficiency

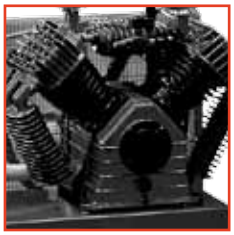
Inter- and aftercoolers reduce the air temperature.

User comfort

Silencing inlet filters for user friendly use.

Stability

Two blockable front wheels.



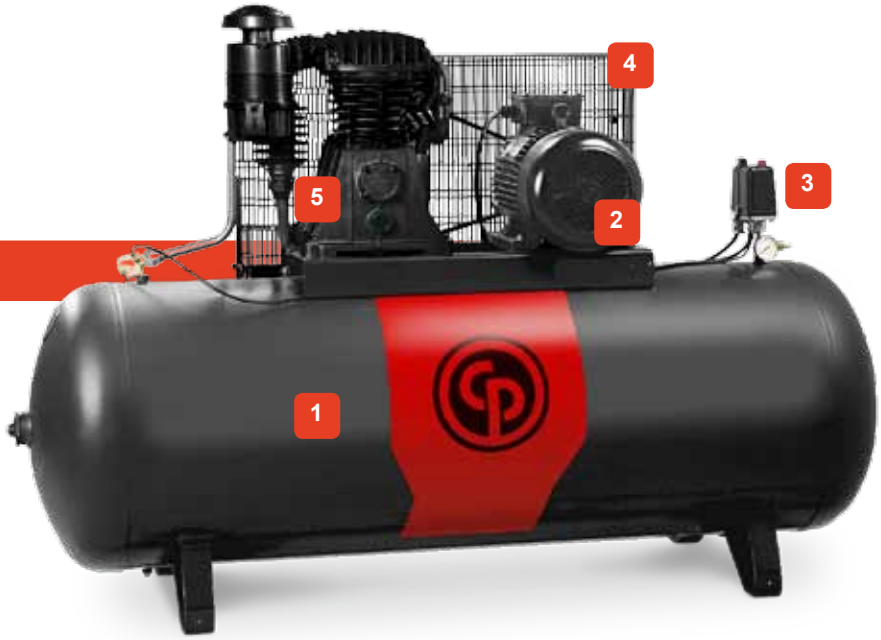
Strong and robust

Impressive and reliable top pump.

CPRD Series
3 - 18 kW / 4 - 25 hp

Top performance

1. Different vessel sizes
2. Strong reliable power
3. User friendly pressure switch
4. Safe and robust protection
5. Many different performant pumps



Options, features and benefits

CPRS: Silenced range	Ultimate user comfort
CPRS + tank mounted dryer	Top air quality and quick installation
CPRF: baseplate units	Flexibility
Vertical configuration	Space saving solution
Tandem	Optimal reliability with back up solution
High pressure 15 bar	High pressure for more applications

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CPRE Series
3 - 8,1 kW / 4 - 11 hp

Technology	Piston
Use	Intermittent
Air quality	Standard
Noise level	Standard
Vessel sizes	11+11, 25+25, 50, 100, 200 or 270 L
Air displ.	280-970 l/m / 10-34 cfm
Power	4 - 11 hp / 3 - 8,1 kW
Pressure	10 - 14 bar
Weight	70 - 261 kg
Dimensions by vessel size (in mm)	11+11L: 890-965x662x767-819 25+25L: 1120x690x920 50L: 1120x520x840 100L: 1365x550x895 200L: 1670x600x1024 270L: 1170-1192x600-620x1200-1380

The unplugged generation

EngineAIR and BIengineAIR compressors are our petrol and diesel driven solutions. The freedom to do what you want, when you want, wherever you want. To be independent under all circumstances. On top of this, the BIengineAIR range is your ultimate two-in-one solution that can provide you with both air and electricity in remote locations.

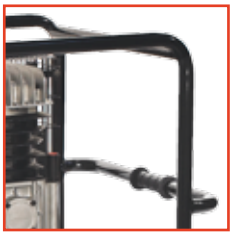
User benefits

Easy handling

Long handle to pull the machine comfortably

Ergonomic transportation

Pneumatic wheel for moveability on rougher terrain



Metal rollbar

Offers full protection

Small footprint

270 liter 'fat' tank

Two-in-one solution

Generator with 2 plugs

CPRE Series
3 - 8,1 kW / 4 - 11 hp

Two-in-one solution

1. Strong 14 bar pump
2. Generator
3. Low consumption diesel engine
4. Electric starter
5. Large and user friendly outlets

Features and benefits

Direct outlets	More flexibility for higher demands
Claw outlet	Easy connection for big flows on twin tank units
Anti-vibration pads under baseplate	To reduce vibrations and noise (on diesel driven units)
Maintenance indicators	On time service leds (available on all diesel driven units)
Electric starter	Optimal user comfort (on all stationary units)

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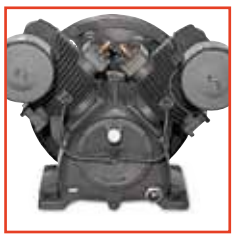
CPRK Series
2,2 - 7,5 kW / 3 - 10 hp

Technology	Piston
Use	Intensive
Noise level	Low
Vessel sizes	50, 200, 270 or 500 L
Air quality	Standard
Air displ.	418 - 1121 l/min
Power	3 - 10 hp / 2,2 - 7,5 kW
Pressure	10 bar
Weight	73 - 304 kg
Dimensions by vessel size (in mm)	50 L: 1000 x 400 x 740 200 L: 1400 x 450 x 980 270 L: 1500 x 550 x 1080 500 L: 2000 x 650 x 1200-1300

Quality, efficiency and user comfort

Piston compressors with fully cast iron blocks: a reliable and robust range, built with top quality components. The pumps are running at low speed, to guarantee lower noise levels and extended lifetimes, but they still guarantee a great performance, and they are perfectly suitable for the more demanding and intensive applications.

User benefits



Robustness

Strong cast iron components.

Reliability

Low speed, low wear.

Safety

Metal belt guard.

Cooling

Inter- and aftercoolers, big cooling ribs on cylinders.

User comfort

Clear oil level indicator glass.

Range

CPRK Series
2,2 - 7,5 kW / 3 - 10 hp

Piston compressors

Screw compressors

Quality Air Solutions

Robust and reliable compressors

1. different vessel sizes available
2. clear and user friendly pressure switch and gauges
3. strong fully cast iron blocks
4. safe and robust protection
5. strong reliable power

Features and benefits

Over sized cast iron cylinders	To run at low speed
Large cast iron crankcase	Great stability

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Medium to bigger sized workshops and service stations

CPRO Series
3 - 7,5 kW / 4 - 10 hp

Range

Piston compressors

Screw compressors

Quality Air Solutions

Full feature: top performance and air quality

These belt driven two stage piston compressors have pre-installed and tank-mounted dryers. They perfectly suit as your all in one quality air solution and they will save you time, costs and space. The design meets the requirements of many professionals working in service or repair shops where dry air is required. All units are stationary on 270 or 500 liter, and all 5.5hp machines and above are available with star delta starter.

Technology	Piston
Use	Intermittent - Intensive
Air quality	Dry
Noise level	Standard
Vessel sizes	270 or 500 L
Air displ.	514 - 1210 l/min
Power	4 - 10 hp / 3 - 7,5 kW
Pressure	11 bar
Weight	174 - 314 kg
Dimensions by vessel size (in mm)	270L: 1490x500x1175 500L: 1849x600x1280

User benefits

Space saving

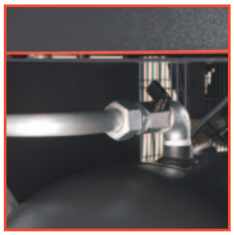
All in one reduced footprint.

Easy installation

Pre-installed dryer.

User comfort

Clear indicators.



Flexibility

Dryer bypass possible .

Performance

Top performing pumps .

Range

CPRO Series
3 - 7,5 kW / 4 - 10 hp

Piston compressors

Screw compressors

Quality Air Solutions

Full Feature

1. All in one
2. Dryer selection based on pump performance
3. User friendly operation
4. Safe and robust operation
5. Performant pumps

Options, features and benefits

All in one	Less installation time and space required
Economical	Switch off and bypass dryer if not required
Electric starter	From 5.5hp onwards, both dol and start delta starter available
Efficient logistics	Optimised packing and less handling
Filters	Standard available in the Chicago Pneumatic Quality air solutions offer

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- cost effectiveness
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Maintenace
& service workshop

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

Range

Piston compressors

Technology	Screw compressor
Use	Continuous
Noise level	72 – 78 dB(A)
Vessel sizes	0, 270 or 500 L
FAD	220 – 1631 l/min
Power	3 - 20 hp / 2,2 - 15 kW
Pressure	8 - 13 bar
Weight	121-354 kg
Dimensions by vessel size (in mm)	200L : 1440 x 680 x 1250 mm 270L: 1550 x 680-718 x 1280-1322 mm 500L: : 1935 x 718 x 1453 mm

Screw compressors

The energy efficiency comes with the technology

The CPN screw compressors are up to 35% 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.

Key user benefits

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 35% less power compared to a traditional piston compressor.

Constant pressure

The combined and continous 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 the reliability of a manufacturer who yearly assembles over 25000 units.

Quality Air Solutions

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

Innovative design concept

Features

Lower service costs and extended service intervals	The simple and accessible arrangement, along with cool operation keeps service costs to the minimum. The longer service intervals mean less down time, improving efficiency.
Simplicity and user friendliness	Instinctive and easy to use, the CPN offers you: • Basic control panel for compressor & dryer • No complicated or fancy controllers, on-off button & hour meter • Independent command for the dryer • Easy visualization of pressure inside the vessel
More output and less energy consumption	When compared to piston compressors, the exceptional efficiency of the CPN and the high output of the package ensures reduced power consumption, maximized output (FAD) and low cost per CFM produced.
Low noise level	The closed canopy drastically reduces the noise level compared to piston compressors which increases the working comfort.

Look for your quality assurance! Use Chicago Pneumatic Original Parts

Chicago Pneumatic is always at your service with comprehensive screw kits:

- easy
- guaranteed long lifetime
- reliable operation
- all-in-one cost effectiveness

Maintenace
& service workshop

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

Range

Piston compressors

Technology	Screw compressor
Use	Continuous
Noise level	74 – 80 dB(A)
Vessel sizes	0, 270 or 500 L
FAD	220 – 1631 l/min
Power	3 - 20 hp / 2,2 - 15 kW
Pressure	8 - 13 bar
Weight	115-346 kg
Dimensions by vessel size (in mm)	200L : 1440 x 680 x 1250 mm 270L: 1550 x 680-718 x 1280-1322 mm 500L: : 1935 x 718 x 1453 mm

Screw compressors

The energy efficiency comes with the technology

The CPN screw compressors are up to 35% 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.

Key user benefits

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 35% less power compared to a traditional piston compressor.

Constant pressure

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

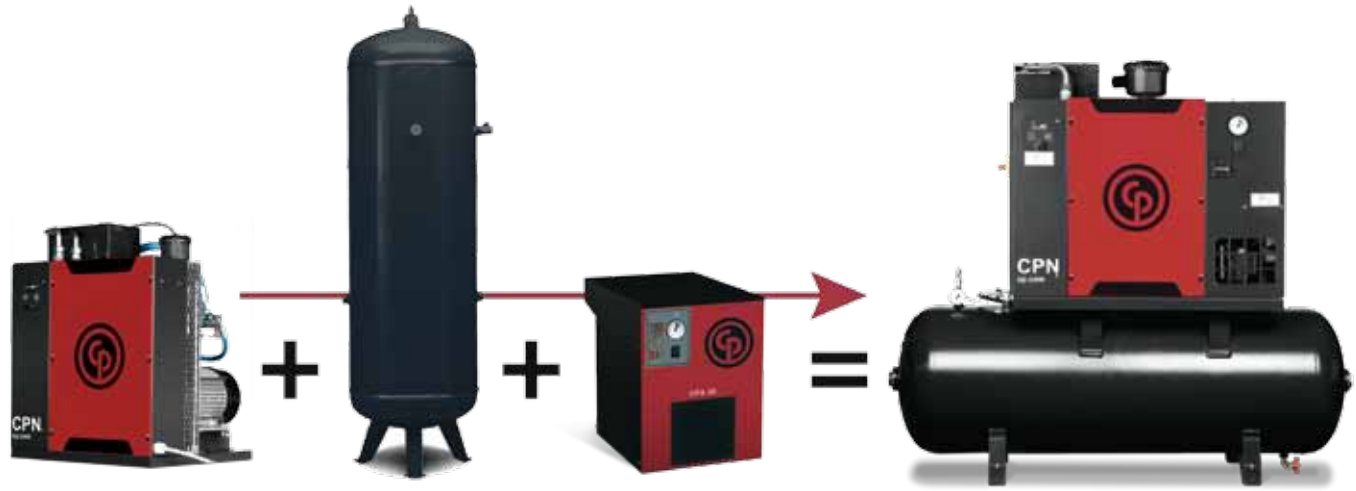
New generation air ends

New generation air ends guarantee superior efficiency, durability and the reliability of a manufacturer who yearly assembles over 25000 units.

Quality Air Solutions

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

Innovative design concept



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Light industry
Metal work

CPM Series
3 – 20HP / 2,2 – 15kW

Range

Floor mounted
Tank mounted
Tank mounted + dryer

Technology	Screw compressor
Use	Continuous
Noise level	Silent: 61 - 69 dB(A)
Vessel sizes	0, 200, 270 or 500 L
FAD	240 - 1750 l/min
Power	3 - 20 hp / 2,2 - 15 kW
Pressure	8 - 13 bar
Weight	99 - 348 kg
Dimensions by vessel size (in mm)	0L: 620-810x612-650x995 200L: 1429x612x1300 270L: 1533x612-650x1352x1394 500L: 1935x650x1483 mm

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.

Key user benefits

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.

Piston compressors

Screw compressors

Quality Air Solutions

Range

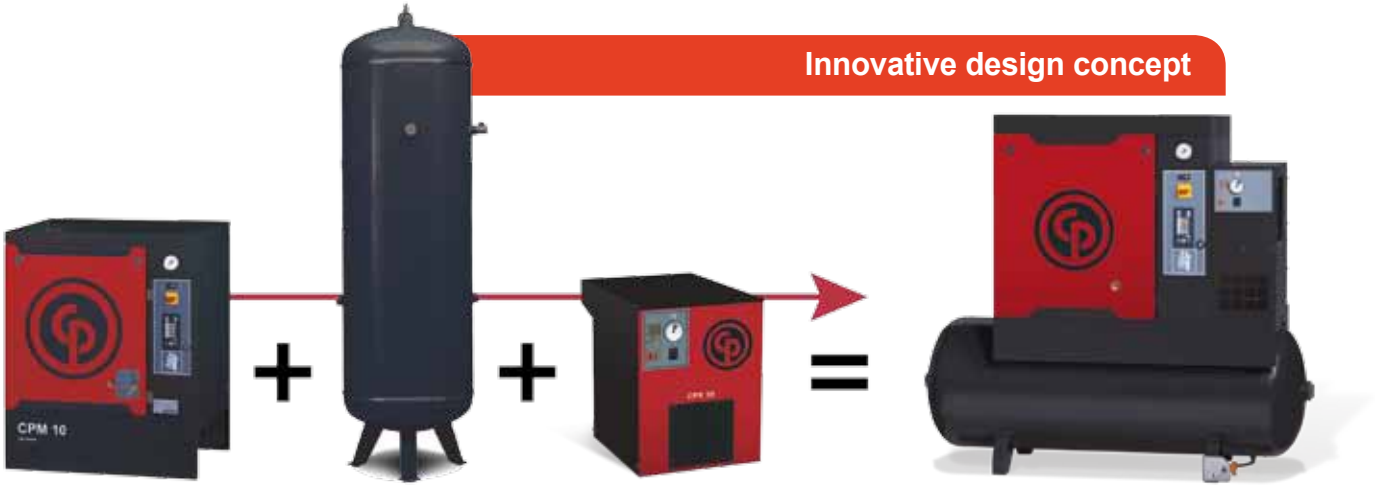
CPM Series
3 – 20HP / 2,2 – 15kW

Piston compressors

Screw compressors

Quality Air Solutions

Innovative design concept



Features

Compact dimensions	Ideal for tire shops, maintenance shops, vehicle body or paint shops and automotive dealers, the CPM can offer you a complete unit (with dryer and 500L receiver) on just 1,2 m^2. You can fit it easily to any free space without trouble.
Quiet operation	The CPM links the rotary screw technology to a generously sized sound insulation. This results in noise levels so low that the compressor can be placed in most of the workplaces without major disturbances to your working environment.
More output and less energy consumption	When compared to piston compressors, the exceptional efficiency of the CPM and the high output of the package ensure reduced power consumption, maximized output (FAD) and low cost per CFM produced.

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General assembly
& light industry

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

Range

Piston compressors

Technology	Screw compressor
Use	Continuous
Noise level	Silent: 66 - 77 dB(A)
Vessel sizes	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
Dimensions by vessel size (in mm)	0L: 1095-1659x642-805x1220 270L: 1150x642x1837 500L: 1935-1939x642-805x1839-1841

Screw compressors

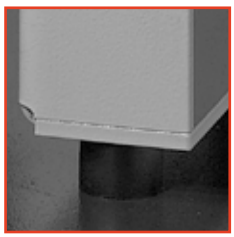
The ultimate all-in-one solution

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.

Quality Air Solutions

User benefits



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 m².

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

Innovative design concept

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

- 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!

Features

Dry and clean air	The CPA-CPB provides you with dry and clean air suitable for even the most demanding applications. No moisture, solid and liquid particles that compromise or damage your pneumatic equipment.
Oversized air-oil separator	Designed to provide an ultra-low residual oil content: only 3 ppm will enter your network. The oversized air-oil separator has a large surface area to separate the oil, which also results in low pressure drop and better energy efficiency.

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- guaranteed long lifetime
- reliable operation
- all-in-one cost effectiveness

CPC / CPD Belt Driven Series
30 - 75 kW / 40 - 100 hp

Technology	Belt driven screw compressor
Use	Continuous
Noise level	Silent: 69 - 75 dB(A)
FAD	3480-11520 l/min
Power	30 - 75 kW / 40 - 100 hp
Pressure	8 - 13 bar / 125 - 190 psi
Weight	784 - 1280 kg
Dimensions (mm)	CPC 40 / 50 / 60: 1247 x 1060 x 1630 mm CPD 75: 1420 x 1060 x 1630 mm CPD 100: 1660 x 1060 x 1630 mm

Your smart industry standard in easy operation and maintenance

The CPC / CPD belt-driven range of oil-injected screw compressors is the true standard in the industry.
The components have been carefully selected to assure optimal quality and reliability. While the footprint is reduced thanks to the smart transmission system and component arrangement, performance is guaranteed thanks to the in-house designed air end.

User benefits

In-house designed air ends

Unique 4/6 screw profile for premium performance.

In-house designed transmission

Assuring perfect alignment and easy tensioning.

Robust design

Qualified, high quality reputed components.

Easy service and accessibility

Removable panels to facilitate accessibility.

ES4000

Intelligent unload cycling. Constant pressure follow-up. Automatic restart.

CPC / CPD Belt Driven Series
30 - 75 kW / 40 - 100 hp

Robust and powerful compressor

1 Filtration panel
2 Emergency sop
3 Controller
4 Air filter
5 Oil cooler
6 Air cooler
7 Oil-separator vessel

Features

Installation	The small footprint and easy transportation of the unit from multiple sides makes installation easy.
Cooling	Sickle blade cooling fan and oversized cooler package for better cooling performance and optimized noise level.
Filtration	Filtration panels filtering the incoming air guarantee a clean dust-free compressor cabinet.
Oil separation	The oil vessel and oil fiters are designed for separation of the oil to a residual level of 3ppm and a minimal pressure drop over the compressor.

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- reliable operation
- all-in-one cost effectiveness

CPC / CPD / CPE Gear Driven Series 30 - 90 kW / 40 - 125 hp

Technology	Gearbox driven screw compressor
Use	Continuous
Noise level	Silent: 69 - 75 dB(A)
FAD	3840 - 15720 l/min
Power	30 - 90 kW / 40 - 125 hp
Pressure	7 - 13 bar / 100 - 190 psi
Weight	760 – 1570 kg
Dimensions (mm)	CPC 40 / 50 / 60: 1420 x 1060 x 1630 mm CPD 75 / 100: 1660 x 1060 x 1630 mm CPE 100 / 120: 1860 x 1060 x 1630 mm

Maximize productivity with reliable compressed air solutions

Thanks to the robust design of the gear driven range, you can rely on high quality compressed air for the most demanding applications. The maintenance-free heavy duty gear drive eliminates losses and maximizes productivity.

While components are carefully selected assuring quality and reliability, installation and maintenance is kept simple thanks to the easy accessibility. On top, cooling performance is guaranteed by the oversized cooler package and the cooling fan with sickle blade profile is designed to deliver a high cooling flow at a low noise level.

User benefits

In-house designed air ends

Unique 4/6 screw profile for premium performance.

Maintenance-free drive train

Eliminating transmission losses and optimizing running cost.

Robust design

Qualified, high quality reputed components.

Easy service and accessibility

Removable panels to facilitate accessibility.

ES4000

Intelligent unload cycling. Constant pressure follow-up. Automatic restart.

CPC / CPD / CPE Gear Driven Series
30 - 90 kW / 40 - 125 hp

Robust and powerful compressor

1 Motor
2 Air ends
3 Axial fan
4 Air filter
5 Oil cooler
6 Air cooler

Features

Installation	Installation against the wall is possible as all service components are accessible from the front side off the machine. Installation of ducting is easy as the coolers are positioned on the roof of the machine.
Cooling	Sickle blade cooling fan and oversized cooler package for better cooling performance and optimized noise level.
Filtration	Filtration panels filtering the incoming air guarantee a clean dust-free compressor cabinet.
Oil separation	The oil vessel and oil fiters are designed for separation of the oil to a residual level of 3ppm and a minimal pressure drop over the compressor.

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- guaranteed long lifetime
- reliable operation
- all-in-one cost effectiveness

CPE / CPF / CPG Series
150 - 480 hp

Technology	Gear drive rotary screw compressor
Use	Continuous
Noise level	Silent: 73 - 79 dB(A)
FAD	14668 - 54180 l/min
Power	110 - 355 kW / 150 - 480 hp
Pressure	7.5 - 13 bar (g) / 100 - 175 psig
Weight	1810 - 6706 kg
Dimensions (in mm)	150 hp: 2160x1100x1600 mm 180 hp: 2860x1500x1940 mm 220 hp: 2842 x 1610 x 1992 mm 380 / 450 / 480 hp: 4450 x 2140 x 2250 mm

Maximize your productivity with reliable compressed air solutions

Thanks to the robust design of the CPE/CPF/CPG compressors, you can rely on high quality compressed air in the most demanding applications such as cement industry, tire production, power plants, mining, etc. The high efficiency of the total package will help you maximize your productivity and keep your running cost low. The components are selected with care to offer optimum reliability and ensure trouble free operation. Moreover transport, installation and maintenance are kept simple and noise level is reduced to a minimum.

User benefits

State of the art screw element

High air delivery and efficient operation.

Efficient air filtration

To protect internal components from any contamination.

Advanced control and monitoring

Accurate control to work at the most optimal conditions.

Low maintenance costs and easy accessibility

Quick and easy access to all components.

Built to last unloader

Smart and reliable design with low pressure drop.

Range

CPE / CPF / CPG Series
150 - 480 hp

Piston compressors

Screw compressors

Quality Air Solutions

Robust technology in optimized design

In high demanding industries, no compromise can be made towards performance and energy costs. Chicago Pneumatic CPE/CPF/CPG compressors provide an advanced compressed air solution including:

- Wye-Delta, high efficient TEFC Motor
- Solid and silenced framework
- Complete oil circuit system
- Reliable air-oil separator

Features, benefits and options

Large cooling capacity	The compressor operates at optimal conditions thus expanding the components lifetime.
Optimum gear driven transmission	The gear driven transmission maximizes the machine output for the given pressure and power.
Options	Special oils: 4000 or 8000hrs lifetime, food grade High efficiency air filtration Oil preheating: for start-up in cold conditions Water separator (standard in CPG): to remove condensate from your compressed air Automatic restart: for example after a power failure. Energy recovery system (except CPG): to recover the heat of your compressor.

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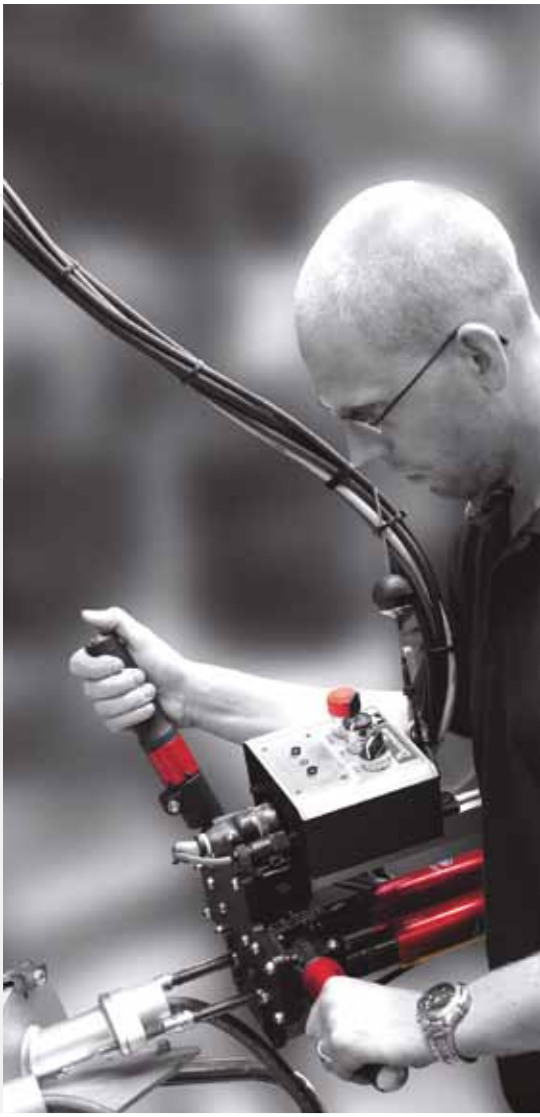

CPF Series
200-250 kW / 270-340 hp

Optimized solutions to help you reach the highest productivity

Time proven components combined with a smart design, the new CPF 270-340 will ensure you smooth and reliable operation.
Optimum performance is achieved thanks to a state-of-the-art element coupled with a high efficient motor.
Easy accessibility and long lifetime components have been selected to keep service cost to a minimum.

Technology	Gear drive rotary screw compressor
Use	Continuous
Noise level	Silent: 77- 79 dB(A)
FAD	26.2 – 40.8 m³/min
Power	200-250 kW / 270-340 hp
Pressure	7.5–13 bar(g)/100-175 psig
Weight	4710 kg / 4879 kg
Dimensions (mm)	3386 x 2120 x 2400

User benefits

Efficient Water separator drain

Integrated as standard

Optimized cooling system

Large surface aluminum type

State-of-the-art screw element

Efficient, reliable and time proven

Safe and easy service

Long lifetime components easily accessible

Built-in Intelligence

Advanced system with clear visualization

CPF Series
200-250 kW / 270-340 hp

Efficient and smart design

The CPF series is the result of the heritage and experience acquired by Chicago Pneumatic over the years. Robust, efficient and easy to operate, the compressor will help to reach the highest performance in the most demanding applications such as:

- Cement
- Mining
- Glass
- Manufacturing

Features, benefits and options

Reliable operation	Ready to start package designed for easy access to all service parts
Maximum efficiency	High efficient motor and air end coupled with optimized gear driven transmission
Options	• special oils: 4000hrs, 8000hrs and food grade • additional protection: SPM, PT 1000 in the main motor, anti-condensation heaters • energy recovery system: to recover the heat from the compressor • modulating control

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- reliable operation
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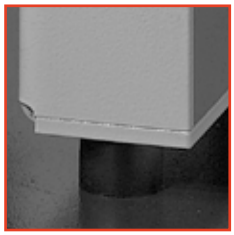
CPVR / CPVS Series
10 - 40 HP/ 7,5 – 30 kW

Technology	Screw compressor
Use	Continuous
Noise level	Silent: 69 - 77 dB(A)
Vessel sizes	0, 270 or 500 L
FAD	890 - 4170 l/min
Power	10 - 40 hp / 7,5 - 30 kW
Pressure	5,5 - 13 bar
Weight	291 - 682 kg
Dimensions by vessel size (in mm)	0L: 1095-1659x642-805x1220 270L: 1150x642x1837 500L: 1935-1939x642-805x1839-1841

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.

Key user benefits



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 m².

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

Innovative design concept

During most of the time, the air consumption in your network is not constant. A variable speed compressor reduces/increases the speed of the main motor to follow the profile of compressed air needs, delivering exactly what is needed. By doing this considerable savings in energy and consequently money can be achieved. Depending on the usage you can save up to 22% of the total cost of your compressed air installation over 5 years.

Features

Dry and clean air	The CPVR-CPVS provides you with dry and clean air suitable for even the most demanding applications. No moisture, solid and liquid particles that compromise or damage your pneumatic equipment.
Oversized air-oil separator	Designed to provide an ultra-low residual oil content: only 3 ppm will enter your network. The oversized air-oil separator has a large surface area to separate the oil, which also results in low pressure drop and better energy efficiency.

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CPVS Series
30 - 90 kW / 40 - 125 hp

Maximize productivity with reliable compressed air solutions

The variable speed compressor series allows you to find the perfect match between air demand and air supply. Thanks to the inverter driven technology, the energy cost can be reduced with 30%. Due to the robust design of the gear driven transmission, you can rely on high quality compressed air in the most demanding applications.

Components are carefully selected assuring quality and reliability. Moreover, installation and maintenance is kept simple thanks to the easy accessibility. Last but not least, cooling performance is guaranteed by the oversized cooler package, while the cooling fan with sickle blade profile is designed to deliver a high cooling flow at low noise level.

Technology	Gearbox screw compressor
Use	Continuous
Noise level	Silent: 69 - 75 dB(A)
FAD	4440 - 15720 l/min
Power	30 - 90 kW / 40 - 125 hp
Pressure	7-10 bar / 100 - 150 psi
Weight	810 - 1640 kg
Dimensions (mm)	CPVS 40 / 50 / 60: 1420 x 1060 x 1630 mm CPVS 75 / 95: 1660 x 1060 x 1630 mm CPVS 100 / 125: 1860 x 1060 x 1630 mm

User benefits

In-house designed air ends

Unique 4/6 screw profile for premium performance.

Maintenance-free drive train

eliminates the transmission losses and optimizes the running cost.

Frequency converter

Separate box facilitates maintenance, guarantees optimal cooling.

Energy recovery (optional)

75% of heat can be captured with energy recovery.

ES4000

Intelligent unload cycling. Constant pressure follow-up. Automatic restart.

CPVS Series
30 - 90 kW / 40 - 125 hp

Robust and powerful compressor

1 Filtration panel
2 Emergency sop
3 Controller
4 Oil cooler
5 Air cooler
6 Oil-separator vessel
7 Inverter
8 Energy recovery (optional)

Features

Installation	Installation against the wall is possible as all service components are accessible from the front side off the machine. Installation of ducting is easy as the coolers are positioned on the roof of the machine.
Cooling	Sickle blade cooling fan and oversized cooler package for better cooling performance and optimized noise level.
Filtration	Filtration panels filtering the incoming air guarantee a clean dust-free compressor cabinet.
Oil separation	The oil vessel and oil fiters are designed for separation of the oil to a residual level of 3ppm and a minimal pressure drop over the compressor.

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CPVS Series
150 - 220 hp / 110 - 160 kW

Technology	Gear drive rotary screw compressor
Use	Continuous
Noise level	Silent: 73 - 75 dB(A)
FAD	14725 - 30466 l/min
Power	150 - 220 hp / 110 - 160 kW
Pressure	7 - 12.5 bar (g) / 100 - 180 psi
Weight	1860 - 3550 kg
Dimensions (in mm)	150 hp: 2160x1060x1600 180 hp: 2860x1500x1940 250 hp: 2924 x 1610 x 1992

Compressed air that pays for itself

The Chicago Pneumatic Variable Speed compressor series 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 the whole site.

User benefits

State of the art screw element

Reliability thanks to a selection of high quality material.

Reliable oil separation system

Residual oil content is less than 3 ppm.

Advanced control and monitoring

Accurate control to work at the most optimal conditions.

EMC compatibility

No electromagnetic interference on your compressed air system.

Optimized operating cost

Reduce compressed air production costs by about 35%.

CPVS Series
150 - 220 hp / 110 - 160 kW

High performance drive technology

As for any new technology, latest evolution results in higher performances.
The CPVS machines will offer you:

- compactness for easy integration and rapid access to all components.
- efficiency thanks to a lower power absorbed from the IP 54 inverter
- an user friendly control panel with a complete diagnosis capability

Features and options

Superior air filtration solution	The whole CPVS range is equipped with standard filtration system. To preserve the internal components improve lifetime.
Options	With CPVS compressors, a large range of options offers you total flexibility! • Special oils: 4000 hrs lifetime, 8000hrs lifetime, food grade oil • Oil preheating: in case start up is required in cold conditions • Water separator: to remove condensate from your compressed air • Energy recovery system: to recover the heat of your compressor

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Filtration solution for general industries

CP Filters
60 - 2400 m³/h

Range

Technology	Air Filter
Use	Continuous
Air quality	Filtration
FAD	60 – 2400 m3/h
Pressure	16 bar
Weight	0,7 – 14 kg
Dimensions (in mm)	Size 60: 88 x 187 Size 80: 88 x 187 Size 120: 88 x 257 Size 200: 125 x 263 Size 340: 125 x 363 Size 510: 125 x 461 Size 800: 125 x 640 Size 1000: 163 x 684 Size 1500: 163 x 935 Size 2400: 240 x 1000

Choosing filtration depends on type of contamination

- Today, the equipment is more sophisticated which requires the compressed air to be free of any impurities.
- Atmospheric air contains in its origin many impurities which once compressed (and combined with the oil, in the case of oil-injected compressors) may generate abrasive and corrosive emulsions which can damage the distribution lines, the pneumatic devices, and the product itself.
- There are five different types of filters to purify the compressed air.
- Thanks to filters, productivity, quality and reliability are increased, the wear of the distribution network is limited and breakdowns are prevented instead of cured.

Key user benefits

Air purity degree

ISO 8573-1	Dust		Water		Oil
Class	Dimension	Concentration	Dew point	Water content	Concentration
1	0,1 µm	0,1 mg/m3	-70 °C	0,003 g/m3	0,01 mg/m3
2	1 µm	1 mg/m3	-40 °C	0,11 g/m3	0,1 mg/m3
3	5 µm	5 mg/m3	-20 °C	0,88 g/m3	1 mg/m3
4	15 µm	8 mg/m3	+3 °C	6,0 g/m3	5 mg/m3
5	40 µm	10 mg/m3	+7 °C	7,8 g/m3	25 mg/m3
6	n.a.	n.a.	+10 °C	9,4 g/m3	n.a.

Piston compressors

Screw compressors

Quality Air Solutions

CP Filters
60 - 2400 m³/h

Innovative design concept

1. Optional pressure-drop gauge indicates when the filter element needs to be changed.
2. High effciency filter with low pressure drop ensures a low operating cost.
3. Quick filter element exchange with integrated seals.
4. Cast aluminium anti-corrosion filter body.
5. Float drain with automatic safety device.

Options

MB pressure indicator	
MB magnetic pressure gauge	
MB magnetic pressure gauge with LED	
MB aluminium pressure gauge	
MB wall mounting kit	
MB connection kit	

CPP Oil-Water Separator

Removal of contaminants in compressed air condensate

- At the end of the compression process, when the air is cooled down, contaminated condensate is generated.
- Once the condensate has been removed from the compressed air, it still needs to be cleaned in order to be in-line with local environmental legislations.
- Oil-water separators separate both substances (water & oil), so the rinsed water can be discarded easily.
- The limited amount of oil has to be discharged in a specialized disposal center.

Technology	Oil - Water Separator
Use	Continuous
Air quality	Oil - Water separation
FAD	126 – 8496 m3/h with dryer 162 – 10476 m3/h without dryer
Weight (empty)	4 - 60 kg
Dimensions (in mm)	CPP 40: 470 x 165 x 600 CPP 100: 680 x 255 x 750 CPP 150: 680 x 255 x 750 CPP 360: 750 x 546 x 900 CPP 615: 750 x 546 x 1030 CPP 850: 945 x 650 x 1100 CPP 1200: 945 x 695 x 1100 CPP 2430: 945 x 1185 x 1100

Key user benefits

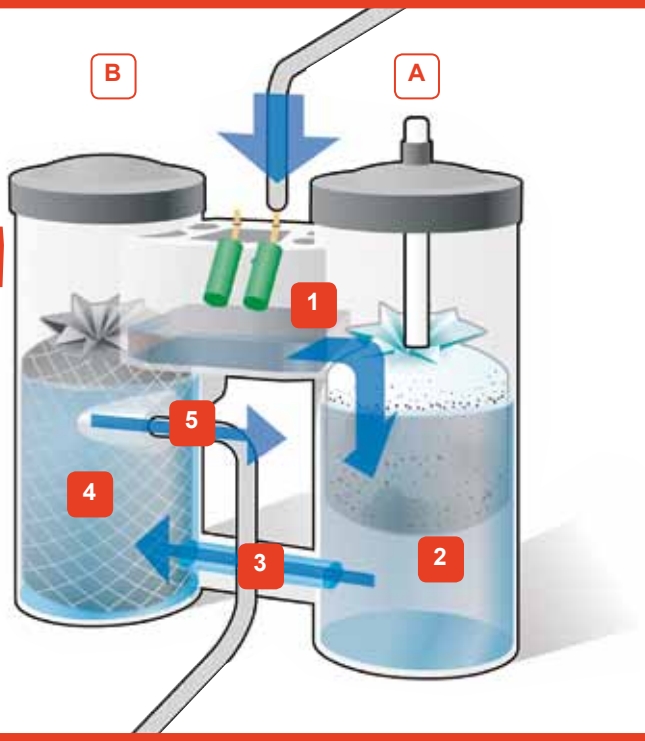
Air purity degree

ISO 8573-1	Dust		Water		Oil
Class	Dimension	Concentration	Dew point	Water content	Concentration
1	0,1 µm	0,1 mg/m3	-70 °C	0,003 g/m3	0,01 mg/m3
2	1 µm	1 mg/m3	-40 °C	0,11 g/m3	0,1 mg/m3
3	5 µm	5 mg/m3	-20 °C	0,88 g/m3	1 mg/m3
4	15 µm	8 mg/m3	+3 °C	6,0 g/m3	5 mg/m3
5	40 µm	10 mg/m3	+7 °C	7,8 g/m3	25 mg/m3
6	n.a.	n.a.	+10 °C	9,4 g/m3	n.a.

CPP Oil-Water Separator

Innovative design concept

1. Condensate enters through mufflers and depressurizes in the expansion chamber
2. Tower A: White oleophilic filter
3. Cleaner condensate enters tower B
4. Tower B: Active carbon filter
5. Clean condensate

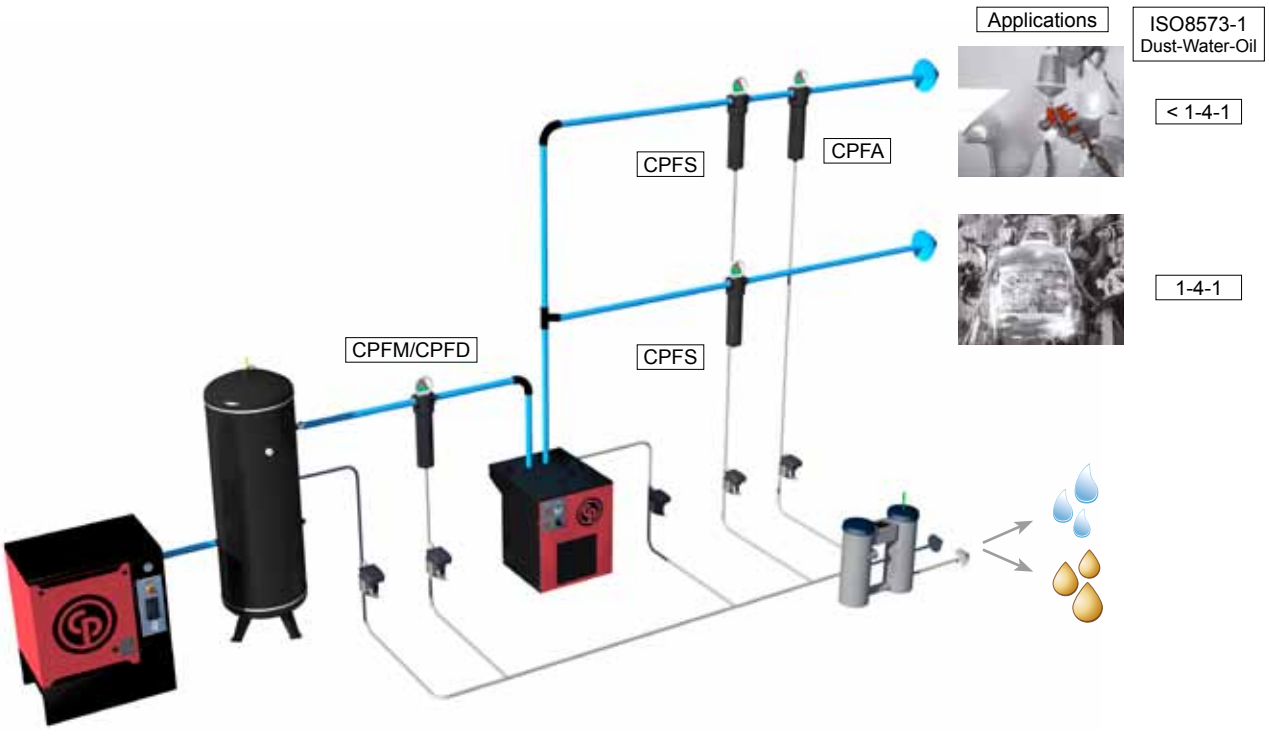


Benefits

Separating the oil from the condensate avoids high treatment costs.

Local laws often prohibit draining condesate with high content of hydrocarbons.

The treatment of contaminated waste represents:	• a difficult management • an important cost • local storage • maintenance of appropriate registers, where required



CPX Refrigerant Dryers
21 - 5040 m³/h

Technology	Refrigerant dryer
Use	Continuous
Air quality	Dry
Noise level	Silent: 50 - 74 dB(A)
FAD	21 - 5040 m³/h
Power	0,13 - 12,3 kW
Pressure	13 or 16 bar
Weight	19 - 650 kg
Dimensions by CPX model (in mm)	10 / 60: 350 x 450 x 500 80 / 100: 370 x 764 x 500 125 / 180: 460 x 789 x 560 225 / 270: 580 x 899 x 590 350 / 700: 735 x 962 x 898 850 / 1500: 1.020 x 1.535 x 1.082 1700 / 3000: 1.020 x 1.535 x 2.099

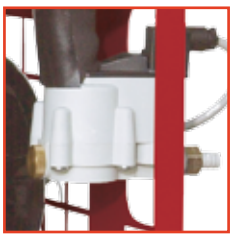
Top air quality for high-end equipment and processes

- Dry air and improved lubrification for a longer lifetime of equipment and superior production quality
- Preventing corrosion of equipment by removing water vapour during compression process, no frost
- High efficiency device for extended lifetime, lower maintenance cost and improved production process; energy saving with intelligent automatic drain
- Easy maintenance with quick access to all components

User benefits

Quality components

For low pressure drop, pressure dew point stable and efficient cooling.



Intelligent discharge

It discharges only water. No noise! Available in the whole range.

Dew point

Easy dew point indicator reading.

Simple layout

Simple layout for easy access and maintenance.

Control panel

Easy access to all the electrical components.

CPX Dryers
21 - 5040 m³/h

Innovative design concept

1 Refrigerant compressor
2 Condenser
3 Heat exchanger with high thermal exchange and low pressure drop
4 Automatic condensate discharge
5 Dew point indicator

Options, features and benefits

Bypass valve + filter support	In case of dryer non-operation, a manual bypass allows a continued compressed air supply while maintaining air filtration. Filters are not included in the option.
Filter support	Allows two filters to be installed on the rear side of the dryer, reducing overall dimensions and installation costs.
Environmentally friendly refrigerant gases	Thanks to the use of R134a, R404A and R410A gas. No impact on the ozone layer. Ecological product, caring for the environment. GAS R410A with very low Global Warming Potential (GWP) and 25% energy saving by use of rotary refrigerant compressors.

Parts & Services

Chicago Pneumatic

Genuine lubricants you can trust

There is no better way to protect your investment than to use genuine lubricants. Chicago Pneumatic lubricants meet all required high-end specifications, are extensively tested and are therefore approved to be used on our complete compressor range. With the proper use of our lubricants you will extend the lifetime of your compressor, lower and control maintenance costs and maximize the compressor's efficiency. This results immediately in your increased profitability.

Screw Compressors	
Screw Guard Rotair	Heavy industrial applications, mild temperature environment, 2000h drain interval / 1 year
ScrewGuard Rotair Plus	From low to high duty operation, mild climate, 4000h drain interval / 1 year
ScrewGuard Rotair Xtra	Fully synthetic lubricant, high ambient condition, long drain interval (8000h)
ScrewGuard Rotair FoodGrade	Packaging, food and pharmaceutical applications (4000h)
Package sizes	5L, 20L, 209L
Piston Compressors	
Altair Pro	Low operation (<500h/year), professional applications, DIY, home applications
Altair	Industrial environment, continuous operation, general industry
Altair 150	Industrial environment, continuous operation, cast iron piston applications
Altair Plus	Fully synthetic, heavy load
Package sizes	Altair Pro 1L, 5L, 20L, 209L, Altair 1L, 2L, 5L, Altair 150 5L, Altair Plus 5L

User benefits

Tested and approved for all applications and environments.	Offer a firm grip on maintenance cost.	Extend the lifetime of the compressor.	Increase the reliability and absolutely minimize the risks of breakdown.	Provide maximum performance and efficiency.

Lubricants

Risks you can avoid

The use of poorly performing lubricants can cause irreversible damage to your equipment and substantial increase of maintenance and repair costs.

The consequences of poorly performing lubricants:

- Wear of components, increased friction, cavitation
- Reduced critical clearance
- Limited operation range
- Reduced cooling and overheated bearing, compression element and/or components
- Corrosion
- Wrong pH, resulting in damage of parts and seals
- Varnish layer on internal parts (coolers, piping…)
- Low performance, higher energy consumption
- Deposits
- Clogging of oil filter, separator, and downstream line filters
- Higher oil consumption and oil carryover
- Limited operation range
- High unpredictable maintenance costs

Technical data

Screw compressors

Description	Package size	Order number	Application
ScrewGuard Rotair	5 L	6215714000	Heavy industrial applications Mild temperature environment 2000h drain interval / 1 year
	20 L	6215714100	
	209 L	6215714200	
	1000 L	6215714300	
ScrewGuard Rotair Plus	5 L	6215714400	From low to high duty operation Mild climate 4000h drain interval / 1 year
	20 L	6215714500	
	209 L	6215714600	
	1000 L	6215714700	
ScrewGuard Rotair Xtra	5 L	6215714800	Fully synthetic lubricant High ambient condition Long drain interval (8000h)
	20 L	6215714900	
	209 L	6215715000	
	1000 L	6215715100	
ScrewGuard Rotair FoodGrade	5 L	1630082100	Packaging, food and pharmaceutical applications 4000h drain interval / 1 year
	20 L	1630060500	
	209 L	1630082101	

Piston compressors

Description	Package size	Order number	Application
Altair Pro	1 L	1630020700	Low operation (< 500h / year) professional applications, DIY, home applications
	20 x 1 L	2230006190	
	209 L	1630020701	
Altair	1 L	6215716300	Industrial environment continuous operation, general industry
	2 L	6215715600	
	5 L	6215715700	
Altair 150	5L	1630047900	Industrial environment, continuous operation, cast iron piston applications
Altair Plus	5 L	6215715800	Fully synthetic, heavy load

Piston Performance Kits

Piston Compressors

Kit components	head and cylinder plate gaskets
	intercooler and after cooler gaskets
	valve plate assembly
	filter element
	non-return valve internals
	Kits are available with or without the approved and certified lubricant Altair

All-in-one comprehensive piston performance kits

Chicago Pneumatic is at your service with the piston performance kits. Find everything you need to maintain your compressor in one single kit.

User benefits

- Everything you need to maintain your compressor is in one single kit.
- Extended lifetime of your compressor.
- Cost effective solution.
- Improved reliability, performance and air quality.
- User-friendly solution with detailed service instructions.

Piston Performance Kits

Technical data

Pump	Yearly Kit	Order number
PAT24 & PAT28	Performance kit with Altair Pro	8973037658
PAT24 & PAT28	Performance kit	8973037657
B28(B)&B38(B)	Performance kit with Altair Pro	8973037621
B28(B)&B38(B)	Performance kit	8973037620
B39 & B40	Performance kit with Altair Pro	8973037623
B39 & B40	Performance kit	8973037622
B49	Performance kit with Altair	8973037625
B49	Performance kit	8973037624
B50	Performance kit with Altair	8973037627
B50	Performance kit	8973037626
B59	Performance kit with Altair	8973037629
B59	Performance kit	8973037628
B59 (NEW)	Performance kit with Altair	8973037631
B59 (NEW)	Performance kit	8973037630
B60	Performance kit with Altair	8973037633
B60	Performance kit	8973037632
B60 (NEW)	Performance kit with Altair	8973037635
B60 (NEW)	Performance kit	8973037634
B60 SILENT	Performance kit with Altair	8973037647
B60 SILENT	Performance kit	8973037646
B70	Performance kit with Altair	8973037637
B70	Performance kit	8973037636
B70 SILENT	Performance kit with Altair	8973037649
B70 SILENT	Performance kit	8973037648
NS39	Performance kit with Altair	8973037639
NS39	Performance kit	8973037638
NS59S	Performance kit with Altair	8973037641
NS59S	Performance kit	8973037640
NS89	Performance kit with Altair	8973037645
NS89	Performance kit	8973037644

All industries

Screw Compressor Service Kits

One comprehensive kit for all maintenance requirements

Chicago Pneumatic is always at your service with comprehensive screw kits. Find everything you need to maintain your compressor in one single kit.

User benefits

Cost effective solution (Service Kits are priced at 5-10% less than separate parts).	Everything you need to maintain your compressor is in one single kit.	Easy inventory. Increased logistics efficiency.	Assurance of high quality components.	Guaranteed long lifetime of your compressor. (Service Kits include all genuine spare parts required to maximize your equipment reliability).

Screw Compressor Service Kits

Technical data

CPN 3-20

Description	Horse power							Order number	Qty	Service Plan				
	3 HP	4 HP	5,5 HP	7,5 HP	10 HP	15 HP	20 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection	■	■	■	■	■	■	■			■	■	■	■	■
Oil filter	■	■	■	■				6211472650	1	■				
Oil filter					■	■	■	6211472550	1	■				
Filter kit (incl. air and oil filter)	■	■	■	■				2200902300	1		■		■	
Filter kit (incl. air and oil filter)					■	■	■	2200902356	1		■		■	
4000 Maintenance Kit	■	■	■	■				2200902301	1			■		
4000 Maintenance Kit					■	■	■	2200902354	1			■		
8000 Maintenance Kit	■	■	■	■				2200902357	1			■		
8000 Maintenance Kit					■	■	■	2200902355	1					■

CPM 3-7

Description	Horse power				Order number	Qty	Service Plan				
	3 HP	4 HP	5,5 HP	7,5 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection	■	■	■	■			■	■	■	■	■
Oil filter	■	■	■	■	6211472250	1	■				
Filter kit (incl. air and oil filter)	■	■	■	■	2200902221	1		■		■	
4000 Maintenance Kit	■	■	■	■	2200902223	1			■		
8000 Maintenance Kit	■	■	■	■	6229038500	1					■

CPA 5,5-20

Description						Order number	Qty	Service Plan				
	5,5 HP	7,5 HP	10 HP	15 HP	20 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection	■	■	■	■	■			■	■	■	■	■
Oil filter			■	■	■	6211472650	1	■				
Filter kit (incl. air and oil filter)	■	■				2200902390	1		■		■	
Filter kit (incl. air and oil filter)			■	■	■	2200902208	1		■		■	
4000 Maintenance Kit	■	■				2200902387	1			■		
4000 Maintenance Kit			■	■	■	2200902210	1			■		
8000 Maintenance Kit	■	■				2200902388	1					■
8000 Maintenance Kit			■	■	■	2200902212	1					■

CPB 15-40

Description						Order number	Qty	Service Plan				
	15 HP	20 HP	25 HP	30 HP	40 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection	■	■	■	■	■			■	■	■	■	■
Filter kit (incl. air and oil filter)	■	■	■	■	■	6229030400	1		■		■	
4000 Maintenance Kit	■	■	■			6229029200	1			■		
4000 Maintenance Kit				■	■	6229029300	1			■		
8000 Maintenance Kit	8-10	8-10	8-10			6229034000	1					■
8000 Maintenance Kit	13	13	13			6229034100	1					■
8000 Maintenance Kit				8-10	8-10	6229034200	1					■
8000 Maintenance Kit				13	13	6229034300	1					■

Screw Compressor Service Kits

QRS 20-30 & CPVS 20-30

Description	Horse power			Order number	Qty	Service Plan				
	20 HP	25 HP	30 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection	■	■	■			■	■	■	■	■
Oil filter	■	■	■	6211472250	1	■				
Filter kit (incl. air and oil filter)	■	■	■	6229030400	1		■		■	
4000 Maintenance Kit	■	■		6229029200	1			■		
4000 Maintenance Kit			■	6229029300	1			■		
8000 Maintenance Kit	■	■		6229038100	1					■
8000 Maintenance Kit			■	6229038200	1					■

CPC 40-60[1]

Description	Horse power			Order number	Qty	Service Plan				
	40 HP	50 HP	60 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection	■	■	■			■	■	■	■	■
Oil filter	■	■	■	6211472250	1	■				
Filter kit (incl. air and oil filter)	■			2200902221	1		■		■	
Filter kit (incl. air and oil filter)		■	■	2200902222	1		■		■	
4000 Maintenance Kit	■			2200902223	1			■		
4000 Maintenance Kit		■	■	2200902224	1			■		
8000 Maintenance Kit	■			6229038500	1					■
8000 Maintenance Kit		■		6229038600	1					■
8000 Maintenance Kit			■	6229038700	1					■

CPD 75-100[1]

Description	Horse power		Order number	Qty	Service Plan				
	75 HP	100 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection	■	■			■	■	■	■	■
Oil filter	■	■	6211472250	1	■				
Filter kit (incl. air and oil filter)	■	■	2200902307	1		■		■	
4000 Maintenance Kit	■	■	2200902308	1			■		
8000 Maintenance Kit	■		2200902309	1					■
8000 Maintenance Kit		■	2200902310	1					■

CPE 75-150[1]

Description	Horse power				Order number	Qty	Service Plan				
	75 HP	100 HP	125 HP	150 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection	■	■	■	■			■	■	■	■	■
Oil filter	■	■	■	■	6211472850	2	■				
Filter kit (incl. air and oil filter)	■	■			6259092000	1		■	■	■	■
Filter kit (incl. air and oil filter)			■	■	6219070100	1		■	■	■	■
Oil separator kit	■	■			6259092100	1				■	
Oil separator kit			■	■	6219070300	1				■	

Screw Compressor Service Kits

CPF 175 - 200

Description	Horse power		Order number	Qty	Service Plan				
	175 HP	200 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection	■	■			■	■	■	■	■
Oil filter	■	■	6211473150	2	■				
Filter kit (incl. air and oil filter)	■	■	6219098600	1		■	■	■	■
Oil separator kit	■	■	6259094500	1				■	

CPVS 40-75[1]

Description	Horse power				Order number	Qty	Service Plan				
	40 HP	50 HP	60 HP	75 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection	■	■	■	■			■	■	■	■	■
Oil filter	■	■			6211472850	1	■				
Oil filter			■	■	6211472850	2	■				
Filter kit (incl. air and oil filter)	■	■			6219028400	1		■	■	■	■
Filter kit (incl. air and oil filter)			■	■	6219028700	1		■	■	■	■
Oil separator kit	■	■			6229046900	1				■	
Oil separator kit			■	■	6229046800	1				■	

CPVS 100-150[1]

Description	Horse power			Order number	Qty	Service Plan				
	100 HP	125 HP	150 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection	■	■	■			■	■	■	■	■
Oil filter		■	■	6211472850	2	■				
Filter kit (incl. air and oil filter)	■			6259092000	1		■	■	■	■
Filter kit (incl. air and oil filter)		■	■	6219070100	1		■	■	■	■
Oil separator kit	■			6259092100	1				■	
Oil separator kit		■	■	6219070300	1				■	

CPVS 200-250

Description	Horse power		Order number	Qty	Service Plan				
	200 HP	250 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection	■	■			■	■	■	■	■
Oil filter	■	■	6211473150	2	■				
Filter kit (incl. air and oil filter)	■	■	6219098600	1		■	■	■	■
Oil separator kit	■	■	6259094500	1				■	

[1] Version until 2011

CPC 40-60, CPC 40-60 G & CPVS 40-60[2]

Description	Horse power			Order number	Qty	Service Plan				
	40 HP	50 HP	60 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection	■	■	■			■	■	■	■	■
Oil filter	■	■	■	1631011800	1	■				
2000 H Maintenance kit	■	■	■	2901900200	1		■	■		■
6000 H Maintenance kit (CPC)	■	■	■	2901900700	1				■	
6000 H Maintenance kit (CPVS)	■	■	■	2901902000	1				■	

CPD 75-100, CPD 75-100 G & CPVS 75-95[2]

Description	Horse power		Order number	Qty	Service Plan				
	75 HP	100 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection	■	■			■	■	■	■	■
Oil filter	■	■	1631011800	1	■				
2000 H Maintenance kit	■	■	2901900400	1		■	■		■
6000 H Maintenance kit (CPD)	■		2901901000	1				■	
6000 H Maintenance kit (CPD)		■	2901902100	1				■	
6000 H Maintenance kit (CPD G)	■	■	2901900900	1				■	
6000 H Maintenance kit (CPVS)	■	■	2901902300	1				■	

CPE 100-120, CPVS 100-120[2]

Description	Horse power		Order number	Qty	Service Plan				
	75 HP	100 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection	■	■			■	■	■	■	■
Oil filter	■	■	1631011800	2	■				
2000 H Maintenance kit	■	■	2901901400	1		■	■		■
6000 H Maintenance kit (CPE)	■		2901901300	1				■	
6000 H Maintenance kit (CPVS)		■	2901902500	1				■	

[2] Version from Feb 2012

Screw Compressor Service Kits

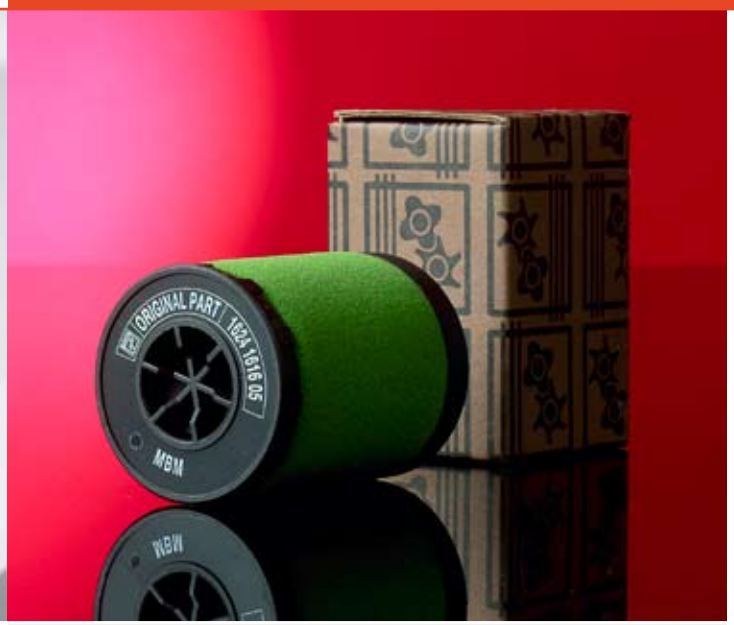
CPF 175 & CPVS 175[3]

Description	Horse power	Order number	Qty	Service Plan				
	175 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection								
Oil filter		2205431902	1					
Air filter kit		3001516100	1					
Filter kit (incl. air and oil filter)		3001516200	1					
Oil separator kit		6259094500	1					
6000 H Maintenance kit (A)		3001516900	1					
6000 H Maintenance kit (W)		3001516800	1					

CPF 270-340[3]

Description	Horse power		Order number	Qty	Service Plan				
	270 HP	340 HP			500 H	2000 H	4000 H	6000 H	8000 H
Inspection									
Oil filter kit			3001517100	1					
4000 H Maintenance kit			3001517400	1					
8000 H Maintenance kit (<13bar)			3001517500	1					
8000 H Maintenance kit (>=13bar)			3001517900	1					

[3] Version from Sept 2012

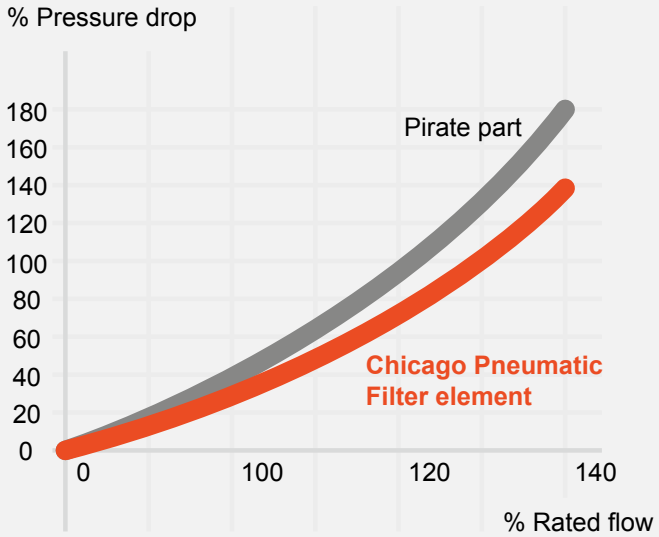


High quality line filter elements for all your filtration needs

Chicago Pneumatic offers you a wide range of high quality line filter elements for all filtration needs in different filtration grade according to your application.

Chicago Pneumatic high quality line filters are suitable for use with mineral, synthetic and polyglycol compressor fluids.

Wet pressure drop of Chicago Pneumatic filter element



User benefits

Stainless steel inner and outer cores ensure strength, long life and total element integrity.	Stainless steel core protects element from high differential pressure. The element will not burst.	Stainless steel core prevents corrosion.	Multi-layer eases efficiency.	End caps will not corrode.
Low pressure drop saves energy.	Will not disintegrate.	High temperature tolerance.	Provides optimum oil removal.	Highly durable.

Line Filters

Description	Capacity@7 bar	Filtration quality	Colour cartridge	Order number
AIR FILTER CPFM 60	60 m³/h 17l/s	ISO class 2, 0,1µm, res. oil: 0.1 g/m³	Green	2258 2900 00
AIR FILTER CPFS 60		ISO class 1, 0.01µm, res. oil: 0.01 g/m³	Red	2258 2900 01
AIR FILTER CPFA 60		Activated carbon, res. oil: 0.003 g/m³	Silver	2258 2900 02
AIR FILTER CPFD 60		ISO class 2, 1µm, res. Oil: NA	Green	2258 2900 00
AIR FILTER CPFP 60		Pre-filter, 3µm	Yellow	2258 2900 03
AIR FILTER CPFM 80	80 m³/h 22 l/s	ISO class 2, 0,1µm, res. oil: 0.1 g/m³	Green	2258 2900 04
AIR FILTER CPFS 80		ISO class 1, 0.01µm, res. oil: 0.01 g/m³	Red	2258 2900 05
AIR FILTER CPFA 80		Activated carbon, res. oil: 0.003 g/m³	Silver	2258 2900 06
AIR FILTER CPFD 80		ISO class 2, 1µm	Green	2258 2900 04
AIR FILTER CPFP 80		Pre-filter, 3µm	Yellow	2258 2900 07
AIR FILTER CPFM 120	120 m³/h 33 l/s	ISO class 2, 0,1µm, res. oil: 0.1 g/m³	Green	2258 2900 08
AIR FILTER CPFS 120		ISO class 1, 0.01µm, res. oil: 0.01 g/m³	Red	2258 2900 09
AIR FILTER CPFA 120		Activated carbon, res. oil: 0.003 g/m³	Silver	2258 2900 10
AIR FILTER CPFD 120		ISO class 2, 1µm	Green	2258 2900 08
AIR FILTER CPFP 120		Pre-filter, 3µm	Yellow	2258 2900 11
AIR FILTER CPFM 200	200 m³/h 55 l/s	ISO class 2, 0,1µm, res. oil: 0.1 g/m³	Green	2258 2900 12
AIR FILTER CPFS 200		ISO class 1, 0.01µm, res. oil: 0.01 g/m³	Red	2258 2900 13
AIR FILTER CPFA 200		Activated carbon, res. oil: 0.003 g/m³	Silver	2258 2900 14
AIR FILTER CPFD 200		ISO class 2, 1µm	Green	2258 2900 12
AIR FILTER CPFP 200		Pre-filter, 3µm	Yelow	2258 2900 15
AIR FILTER CPFM 340	340 m³/h 93 l/s	ISO class 2, 0,1µm, res. oil: 0.1 g/m³	Green	2258 2900 16
AIR FILTER CPFS 340		ISO class 1, 0.01µm, res. oil: 0.01 g/m³	Red	2258 2900 17
AIR FILTER CPFA 340		Activated carbon, res. oil: 0.003 g/m³	Silver	2258 2900 18
AIR FILTER CPFD 340		ISO class 2, 1µm	Green	2258 2900 16
AIR FILTER CPFP 340		Pre-filter, 3µm	Yellow	2258 2900 19
AIR FILTER CPFM 510	510 m³/h 142 l/s	ISO class 2, 0,1µm, res. oil: 0.1 g/m³	Green	2258 2900 20
AIR FILTER CPFS 510		ISO class 1, 0.01µm, res. oil: 0.01 g/m³	Red	2258 2900 21
AIR FILTER CPFA 510		Activated carbon, res. oil: 0.003 g/m³	Silver	2258 2900 22
AIR FILTER CPFD 510		ISO class 2, 1µm	Green	2258 2900 20
AIR FILTER CPFP 510		Pre-filter, 3µm	Yellow	2258 2900 23
AIR FILTER CPFM 800	800 m³/h 217 l/s	ISO class 2, 0,1µm, res. oil: 0.1 g/m³	Green	2258 2900 24
AIR FILTER CPFS 800		ISO class 1, 0.01µm, res. oil: 0.01 g/m³	Red	2258 2900 25
AIR FILTER CPFA 800		Activated carbon, res. oil: 0.003 g/m³	Silver	2258 2900 26
AIR FILTER CPFD 800		ISO class 2, 1µm	Green	2258 2900 24
AIR FILTER CPFP 800		Pre-filter, 3µm	Yellow	2258 2900 27
AIR FILTER CPFM 1000	1000 m³/h 278 l/s	ISO class 2, 0,1µm, res. oil: 0.1 g/m³	Green	2258 2900 28
AIR FILTER CPFS 1000		ISO class 1, 0.01µm, res. oil: 0.01 g/m³	Red	2258 2900 29
AIR FILTER CPFA 1000		Activated carbon, res. oil: 0.003 g/m³	Silver	2258 2900 30
AIR FILTER CPFD 1000		ISO class 2, 1µm	Green	2258 2900 28
AIR FILTER CPFP 1000		Pre-filter, 3µm	Yellow	2258 2900 31
AIR FILTER CPFM 1500	1500 m³/h 417 l/s	ISO class 2, 0,1µm, res. oil: 0.1 g/m³	Green	2258 2900 32
AIR FILTER CPFS 1500		ISO class 1, 0.01µm, res. oil: 0.01 g/m³	Red	2258 2900 33
AIR FILTER CPFA 1500		Activated carbon, res. oil: 0.003 g/m³	Silver	2258 2900 34
AIR FILTER CPFD 1500		ISO class 2, 1µm	Green	2258 2900 32
AIR FILTER CPFP 1500		Pre-filter, 3µm	Yellow	2258 2900 35
AIR FILTER CPFM 2400	2400 m³/h 666 l/s	ISO class 2, 0,1µm, res. oil: 0.1 g/m³	Green	2258 2900 36
AIR FILTER CPFS 2400		ISO class 1, 0.01µm, res. oil: 0.01 g/m³	Red	2258 2900 37
AIR FILTER CPFA 2400		Activated carbon, res. oil: 0.003 g/m³	Silver	2258 2900 38
AIR FILTER CPFD 2400		ISO class 2, 1µm	Green	2258 2900 36
AIR FILTER CPFP 2400		Pre-filter, 3µm	Yellow	2258 2900 39

Oil / Water Separation Kits

Superior oil separation

Compressed air produced by oil-injected compressors contains a small quantity of oil. During the cooling of the air in the aftercooler and in the refrigeration dryer (on compressors with built-in refrigeration dryer), oil containing condensate is formed.
To separate the major part of this oil from the condensate, Chicago Pneumatic introduces you the CPP range of oil/water separators, which are insensitive to shocks and vibration because of the use of filters and can be used with all types of drains. To suit the application needs, optimise the service costs and ensure trouble-free operation of oil/water separators, Chicago Pneumatic provides you with three types of service kits.

Service kit A
Typically used during the first service after the installation
For condensate of normal conditions
Includes the oleophilic filter (1x)
Service kit B
For condensate of normal conditions
The lifetime of the activated carbon filters is twice than the lifetime of oleophilic filters for normal condensate conditions
Includes the oleophilic filter (2x) and the activated carbon filter (1x)
Service kit D
For condensate with increased level of oil
For installation with equal saturation time of all filters
Includes the oleophilic filter (1x) and the activated carbon filter (1x)
All the service kits are delivered with diffuser and mufflers.

Oil / Water Separation Kits

Technical data

Description	Service kit type	Capacity treatment	Order number
CPP 40	A	35l/s	2901140000
CPP 100	A	95l/s	2901140100
CPP 150	A	145l/s	2901140200
CPP 360	A	355l/s	2901140300
CPP 615	A	605l/s	2901140400
CPP 850	A	825l/s	2901140800
CPP 1200	A	1180l/s	2901140900
CPP 2430	A	2360l/s	2901141000
Description	**Service kit type**	**Capacity treatment**	**Order number**
CPP 40	B	35l/s	2901140001
CPP 100	B	95l/s	2901140101
CPP 150	B	145l/s	2901140201
CPP 360	B	355l/s	2901140301
CPP 615	B	605l/s	2901140401
CPP 850	B	825l/s	2901140801
CPP 1200	B	1180l/s	2901140901
CPP 2430	B	2360l/s	2901141001
Description	**Service kit type**	**Capacity treatment**	**Order number**
CPP 40	D	35l/s	2901157500
CPP 100	D	95l/s	2901157600
CPP 150	D	145l/s	2901157700
CPP 360	D	355l/s	2901157800
CPP 615	D	605l/s	2901157900
CPP 850	D	825l/s	2901158100
CPP 1200	D	1180l/s	2901158200
CPP 2430	D	2360l/s	2901158300

Energy Box

Energy saving and cost reduction solution

The Energy Box supports customers to achieve huge energy (up to 94%) and cost savings, great productivity improvement and large CO^2 emission reduction. Almost all compressor installations and applications can benefit from energy recovery systems where energy recuperation is achieved by heating air or water. The Energy Box is the solution to heat water for different applications. It fits all generations and types of oil injected screw compressors.

Screw Compressors	
Applications	**General**: heating systems, showers, hot water feed
	Diaries: process boiler feed, pasteurization, drying & scalding process, sterilization
	Process: synthesis of gas, steam cracking, stripping, boiler feed
	Pharmaceuticals: temperature maintenance, drying process, sterilization, steam barriers
	Textile: dying, finishing
	Turbine feed, humidification, reboilers, purge medium and many others

User benefits

Energy savings: up to 94% of the energy of the compressor shaft power can be recovered, resulting in the huge tangible savings.

Reduced impact on the environment: CO^2 emission reduction.

Plug & Play concept: all major mechanical parts are pre-mounted in the canopy which reduces the risks of wrong connections of flexible hoses and parts.

Easy maintenance operations: standalone unit easily detachable. Easier access to compressor, motor and thermostatic valve housing.

Energy Box

SAVE UP TO €17,000 YEARLY*

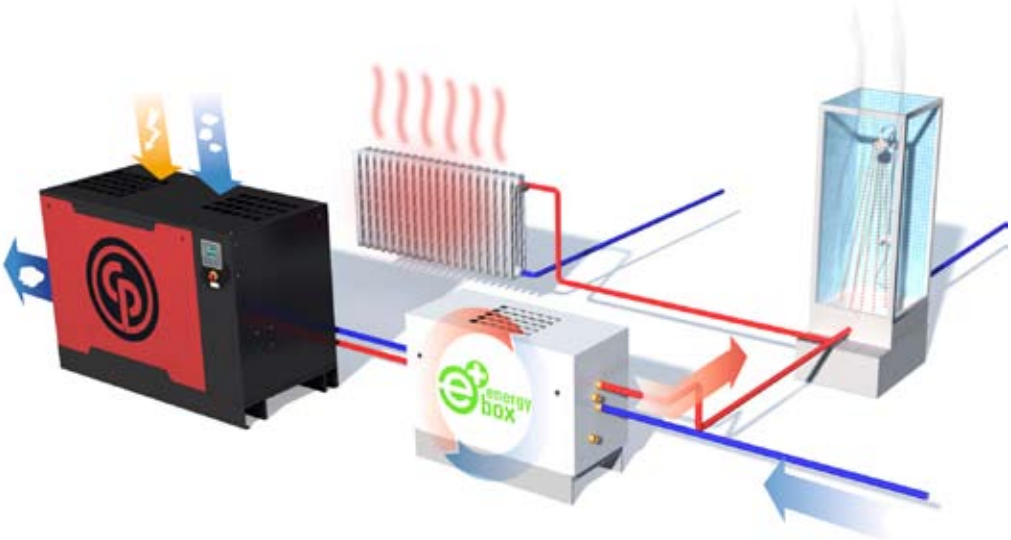
REDUCE 79 ton/year OF CO^2 EMISSION

*based on estimations made for 75 kW compressor, 6000 running hours, assumed fuel cost 0,55 €/L

Technical data

Energy Saving Solution	Compressor coverage	Order number
Energy Box 11-30 kW	Power range from 11-30 kW, 15-40 HP	2230 0070 93
Energy Box 30-55 kW	Power range from 30-55 kW, 40-75 HP	2230 0070 97
Energy Box 55-90 kW	Power range from 55-90 kW, 75-125 HP	2230 0071 91
Energy Box 90-180 kW	Power range from 90-180 kW, 125-240 HP	2230 0073 99*

*in blue frame with Energy Box logo



Compressed Air Piping System

AIRnet is a compressed air piping system that delivers quality air exactly where you need it, from compressor to the point of use.
The unique benefits of AIRnet effectively reduce the cost of ownership of your piping system.

Discover AIRnet at **www.airnet-system.com**

FAST

AIRnet saves you 70 % on installation time vs. traditional piping systems.

EASY

3 simple steps: CUT to length and deburr. INSERT in the fitting on the marked depth. SECURE and tighten correctly.

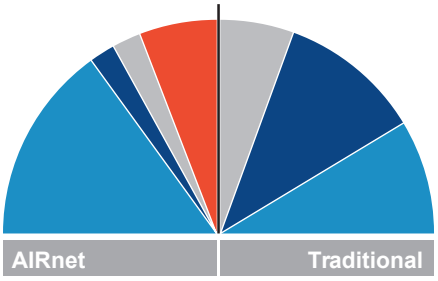
RELIABLE

All AIRnet products come with a 10-year warranty on all fittings and pipes, against any damages resulting from material defect.

User benefits

Quality solutions come at a price. But if you look at the total cost of ownership of a piping system, AIRnet proves to be the most cost-effective solution. Let's do the math.

AIRnet is installed 70 % faster and by one single technician, reducing the labor cost.
All system extensions and modifications can be done equally fast.



In a compressor installation, a 1 bar pressure drop leads to 7 % more energy consumption. AIRnet offers minimal pressure drop and thus more savings. The leak-resistant and corrosion-free pipes and fittings prevent downtime and ensure high efficiency.

Material Cost | Labor | Leaks and Pressure Drop | SAVINGS

Compliancy

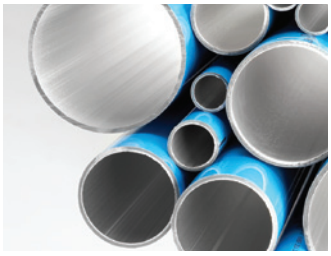
EN 13480 / Directive 97/23/EC and ASME B31.1
Complies with Common Pressure related approvals
PED – CE – ASME – TUV

Ø20 - 25 - 40 - 50 - 63 - 80 - 100 mm

3/4" - 1" - 11/2" - 2" - 21/2" - 3" - 4"

Performance criteria

- Compatible with compressed air, Nitrogen.
- Maximum working pressure PN13 for temperatures between -20°C (-4°F) and +70°C (158°F).
- Operating temperature limits: -20°C (-4°F) / +70°C (158°F).
- Operating Pressure: 20-80mm 0.13-13 bar gauge pressure, 100mm 0.13-16 bar gauge pressure
- Lowest allowable pressure dewpoint: -70°C (-94°F).
- Resistant to the effect of compressor oils (mineral oil / PAO based / Ester based oils).
- AIRnet pipes are resistant to direct UV radiation and fittings are resistant to indirect UV radiation.
- Corrosion-free.
- Leak-resistant.
- Compatible with Oil Free and Oil Injected Compressors.
- Vacuum level: 20-80mm 0.13 bar (1.88psi) absolute pressure.

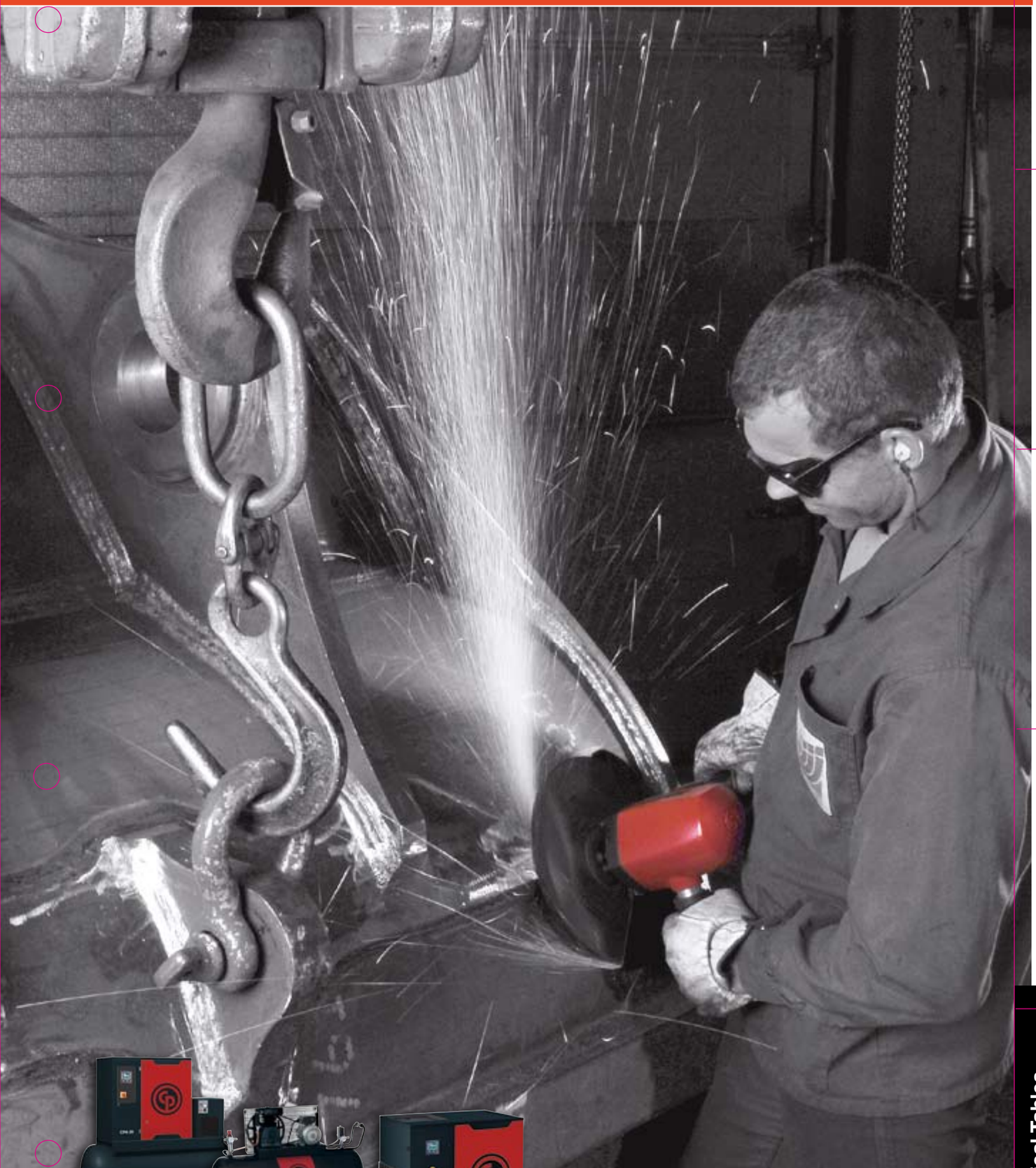
Polymer Fittings (20-50 mm)	Aluminum Fittings (63-80 mm)	Steel-Aluminum Fittings (100 mm)	Pipes
			
• Material PA6 with 15% fiberglass injection. • Grip Ring: Stainless Steel • Seal: Rubber NBR 70SH • Embossed *Part Number *Nominal Diameter *Manufacture Date	• Aluminium alloy EN-AB46100 • Grip Ring: Stainless Steel • Seal: Rubber NBR 70SH • Embossed *Part Number *Nominal Diameter *Manufacture Date	• Material Clamp: Sheet Metal Steel S355MC, acc EN10149-2 • Fitting: Cast Aluminium AlSi9Mg • Grip Ring: Stainless Steel AISI 304 • Seal: Rubber NBR 70SH • Embossed *Part Number *Nominal Diameter *Manufacture Date	• Extruded Aluminium UNS alloy A96063 T5 • Maximum design pressure indication • Printed *Part Number *Nominal Diameter *Manufacture Date

Testing

We have applied the most severe testing conditions to our product to simulate the highest industrial standards.

- High pressure resistance test during one hour.
- Burst pressure test.
- Leakage test based on vibration cycle at different frequencies.
- Leakage test based on pressure pulsation test.

Technical Tables



www.cp.com

Chicago Pneumatic

Part number	Type	Liters	l/min	cfm	HP	kW	Bar	Volt/Hz	Start	kg	L x W x H (mm)
4116023471	CPRB O15 PS	0	180	6,4	1,5	1,0	8	230	dol	5	280 x 180 x 347
4116023472	CPRB 6 O15 PS	6	180	6,4	1,5	1,0	8	230	dol	10	330 x 360 x 350
4116023473	CPRB 24 O15 MS	24	180	6,4	1,5	1,0	8	230	dol	20	250 x 565 x 420
4116023477	CPRA 6 L20 PS	6	222	7,8	2,0	1,5	8	230	dol	18	535 x 215 x 535
4116023478	CPRA 24 L20 MS	24	222	7,8	2,0	1,5	8	230	dol	25	570 x 255 x 590
4116023479	CPRA 50 L20 MS	50	222	7,8	2,0	1,5	8	230	dol	33	770 x 310 x 645
4116023474	CPRB 6 O20P PS	6	230	8,1	2,0	1,5	8	230	dol	16	535 x 215 x 535
4116023475	CPRB 24 O20P MS	24	230	8,1	2,0	1,5	8	230	dol	25	570 x 250 x 590
4116023476	CPRB 50 O20P MS	50	230	8,1	2,0	1,5	8	230	dol	31	770 x 310 x 645
4116023480	CPRA 24 L20P MS	24	240	8,5	2,0	1,5	10	230	dol	25	570 x 255 x 590
4116023481	CPRA 50 L20P MS	50	240	8,5	2,0	1,5	10	230	dol	31	770 x 310 x 645
4116023482	CPRA 24 L30P MS	24	310	10,9	3,0	2,2	10	230	dol	33	570 x 255 x 590
4116023483	CPRA 50 L30P MS	50	310	10,9	3,0	2,2	10	230	dol	37	770 x 310 x 645
4116023484	CPRA 100 L30P MS	100	310	10,9	3,0	2,2	10	230	dol	48	1060 x 385 x 730
4116022822	CPRA 324 GV34 MS	24	340	12,0	3,0	2,2	10	230	dol	50	480 x 640 x 740
4116022823	CPRA 324 GV34 MT	24	340	12,0	3,0	2,2	10	400	dol	50	480 x 640 x 740
4116022824	CPRA 350 GV34 MS	50	340	12,0	3,0	2,2	10	230	dol	54	830 x 420 x 770
4116022825	CPRA 350 GV34 MT	50	340	12,0	3,0	2,2	10	400	dol	54	830 x 420 x 770
4116022826	CPRA 390 GV34 MS	90	340	12,0	3,0	2,2	10	230	dol	77	1080 x 445 x 890
4116022827	CPRA 390 GV34 MT	90	340	12,0	3,0	2,2	10	400	dol	77	1080 x 445 x 890
4116022828	CPRA 3200 GV34 MT	200	340	12,0	3,0	2,2	10	400	dol	97	1500 x 450 x 890
4116022829	CPRA 322 GV34 MS	11+11	340	12,0	3,0	2,2	10	230	dol	60	650 x 790 x 670
4116022830	CPRA 350 GV34 VS	50	340	12,0	3,0	2,2	10	230	dol	50	520 x 520 x 960

CPRC-F-S 50 Hertz

Part number	Type	Liters	l/min	cfm	HP	kW	Bar	Volt/Hz	Start	kg	L x W x H (mm)
4116023630	CPRC 250 NS12 MS	50	255	9,0	2,0	1,5	10	230/1/50	dol	48	805 x 365 x 690
4116024582	CPRC 250 NS12 MT	50	255	9,0	2,0	1,5	10	400/3/50	dol	48	805 x 365 x 690
4116023631	CPRC 290 NS12 MS	90	255	9,0	2,0	1,5	10	230/1/50	dol	62	985 x 395 x 820
4116024603	CPRC 290 NS12 MT	90	255	9,0	2,0	1,5	10	400/3/50	dol	62	985 x 395 x 820
4116024324	CPRC 227 NS12S MS	27	255	9,0	2,0	1,5	10	230/1/50	dol	46	830 x 370 x 710
4116024325	CPRC 227 NS12S MT	27	255	9,0	2,0	1,5	10	400/3/50	dol	46	830 x 370 x 710
4116024326	CPRC 250 NS12S MS	50	255	9,0	2,0	1,5	10	230/1/50	dol	55	780 x 370 x 780
4116024327	CPRC 250 NS12S MT	50	255	9,0	2,0	1,5	10	400/3/50	dol	55	780 x 370 x 780
4116024328	CPRC 290 NS12S MS	90	255	9,0	2,0	1,5	10	230/1/50	dol	67	1000 x 410 x 820
4116024329	CPRC 290 NS12S MT	90	255	9,0	2,0	1,5	10	400/3/50	dol	67	1000 x 410 x 820
4116024330	CPRC 390 NS12S MS	90	320	11,3	3,0	2,2	10	230/1/50	dol	69	1000 x 410 x 900
4116024331	CPRC 390 NS12S MT	90	320	11,3	3,0	2,2	10	400/3/50	dol	69	1000 x 410 x 900
4116024332	CPRC 3150 NS12S MS	150	320	11,3	3,0	2,2	10	230/1/50	dol	85	1380 x 420 x 950
4116024333	CPRC 3150 NS12S MT	150	320	11,3	3,0	2,2	10	400/3/50	dol	85	1380 x 420 x 950
4116024334	CPRC 3200 NS12S MS	200	320	11,3	3,0	2,2	10	230/1/50	dol	129	1500 x 450 x 960
4116024341	CPRC 3200 NS12S MT	200	320	11,3	3,0	2,2	10	400/3/50	dol	129	1500 x 450 x 960
4116024348	CPRC 350 NS19S MS	50	393	13,9	3,0	2,2	10	230/1/50	dol	57	940 x 410 x 800
4116024349	CPRC 350 NS19S MT	50	393	13,9	3,0	2,2	10	400/3/50	dol	57	940 x 410 x 800
4116024350	CPRC 390 NS19S MS	90	393	13,9	3,0	2,2	10	230/1/50	dol	71	1000 x 410 x 900
4116024351	CPRC 390 NS19S MT	90	393	13,9	3,0	2,2	10	400/3/50	dol	71	1000 x 410 x 900
4116024352	CPRC 3150 NS19S MS	150	393	13,9	3,0	2,2	10	230/1/50	dol	87	1380 x 420 x 950
4116024353	CPRC 3150 NS19S MT	150	393	13,9	3,0	2,2	10	400/3/50	dol	87	1380 x 420 x 950
4116024362	CPRC 3150 NS19S VS	150	393	13,9	3,0	2,2	10	230/1/50	dol	160	850 x 970 x 1950
4116024354	CPRC 3200 NS19S MS	200	393	13,9	3,0	2,2	10	230/1/50	dol	131	1500 x 450 x 960
4116024355	CPRC 3200 NS19S MT	200	393	13,9	3,0	2,2	10	400/3/50	dol	131	1500 x 450 x 960

CPRC-F-S 50 Hertz

Part number	Type	Liters	l/min	cfm	HP	kW	Bar	Volt/Hz	Start	kg	L x W x H (mm)
4116024356	CPRC 3270 NS19S MS	270	393	393,0	3,0	2,2	10	230/1/50	dol	138	1530 x 600 x 1160
4116024357	CPRC 3270 NS19S MT	270	393	393,0	3,0	2,2	10	400/3/50	dol	138	1530 x 600 x 1160
4116024358	CPRC 4200 NS19S MT	200	486	17,2	4,0	3,0	10	400/3/50	dol	136	1500 x 450 x 960
4116024359	CPRC 4200 NS19S FT	200	486	17,2	4,0	3,0	10	400/3/50	dol	133	1500 x 450 x 960
4116024360	CPRC 4270 NS19S MT	270	486	17,2	4,0	3,0	10	400/3/50	dol	143	1530 x 600 x 1160
4116024361	CPRC 4270 NS19S FT	270	486	17,2	4,0	3,0	10	400/3/50	dol	140	1530 x 600 x 1160
4116074062	CPRF 20 NS12 BTT	0	255	9,0	2,0	1,5	10	400/3/50	dol	28	640 x 320 x 360
4116074063	CPRS 227 NS12 FS	27	255	9,0	2,0	1,5	10	230/1/50	dol	86	780 x 470 x 960
4116074064	CPRS 227 NS12 FT	27	255	9,0	2,0	1,5	10	400/3/50	dol	86	780 x 470 x 960
4116074065	CPRS 327 NS12S FS	27	320	11,3	3,0	2,2	10	230/1/50	dol	87	780 x 470 x 960
4116074066	CPRS 327 NS12S FT	27	320	11,3	3,0	2,2	10	400/3/50	dol	87	780 x 470 x 960

CPRC-F-S 60 Hertz

Part number	Type	Liters	l/min	cfm	HP	kW	Bar	Volt/Hz	Start	kg	L x W x H (mm)
4116024336	CPRC 250 NS12S MS 220/60hz	50	180	6,4	2,0	1,5	10	220/1/60	dol	55	780 x 370 x 780
4116024337	CPRC 290 NS12S MS 220/60hz	90	180	6,4	2,0	1,5	10	220/1/60	dol	67	1000 x 410 x 820
4116024338	CPRC 3150 NS12S MS 220/60hz	150	275	9,7	3,0	2,2	10	220/1/60	dol	85	1380 x 420 x 950
4116024339	CPRC 3200 NS12S MS 220/60hz	200	275	9,7	3,0	2,2	10	220/1/60	dol	129	1500 x 450 x 960
4116024340	CPRC 3200 NS12S MT 220/60hz	200	275	9,7	3,0	2,2	10	220/3/60	dol	129	1500 x 450 x 960
4116024364	CPRC 3150 NS19S MS 220/60hz	150	363	12,8	3,0	2,2	10	220/1/60	dol	87	1380 x 420 x 950
4116024369	CPRC 3150 NS19S VS 220/60hz	150	363	12,8	3,0	2,2	10	220/1/60	dol	160	850 x 970 x 1950
4116024365	CPRC 3200 NS19S MS 220/60hz	200	363	12,8	3,0	2,2	10	220/1/60	dol	131	1500 x 450 x 960
4116024366	CPRC 3200 NS19S MT 220/60hz	200	363	12,8	3,0	2,2	10	220/3/60	dol	131	1500 x 450 x 960
4116024367	CPRC 4200 NS19S MT 220/60hz	200	397	14,0	4,0	3,0	10	220/3/60	dol	136	1500 x 450 x 960
4116024368	CPRC 4270 NS19S MT 220/60hz	270	397	14,0	4,0	3,0	10	220/3/60	dol	143	1530 x 600 x 1160

CPRD-F-S 50 Hertz

Part number	Type	Liters	l/min	cfm	HP	kW	Bar	Volt/Hz	Start	kg	L x W x H (mm)
4116022856	CPRD 4200 NS29S MT	200	514	18,2	4,0	3,0	11	400/3/50	dol	140	1500 x 450 x 960
4116022857	CPRD 4200 NS29S FT	200	514	18,2	4,0	3,0	11	400/3/50	dol	137	1500 x 450 x 960
4116022858	CPRD 4270 NS29S MT	270	514	18,2	4,0	3,0	11	400/3/50	dol	147	1530 x 600 x 1160
4116022859	CPRD 4270 NS29S FT	270	514	18,2	4,0	3,0	11	400/3/50	dol	144	1530 x 600 x 1160
4116022860	CPRD 6270 NS39 MT	270	653	23,1	5,5	4,0	11	400/3/50	dol	180	1520 x 590 x 1260
4116023046	CPRD 6270 NS39 FT	270	653	23,1	5,5	4,0	11	400/3/50	dol	180	1520 x 590 x 1260
4116022861	CPRD 6500 NS39 MT	500	653	23,1	5,5	4,0	11	400/3/50	dol	250	2030 x 680 x 1400
4116022862	CPRD 6500 NS39 FT	500	653	23,1	5,5	4,0	11	400/3/50	dol	250	2030 x 680 x 1400
4116022863	CPRD 8270 NS39 MT	270	827	29,2	7,5	5,5	11	400/3/50	dol	210	1520 x 590 x 1260
4116022864	CPRD 8270 NS39 FT	270	827	29,2	7,5	5,5	11	400/3/50	dol	210	1520 x 590 x 1260
4116022865	CPRD 8500 NS39 MT	500	827	29,2	7,5	5,5	11	400/3/50	dol	280	2030 x 680 x 1400
4116022866	CPRD 8500 NS39 FT	500	827	29,2	7,5	5,5	11	400/3/50	dol	280	2030 x 680 x 1400
4116022867	CPRD 8270 NS59S MT	270	950	33,5	7,5	5,5	11	400/3/50	dol	210	1520 x 590 x 1260
4116022868	CPRD 8270 NS59S FT	270	950	33,5	7,5	5,5	11	400/3/50	dol	210	1520 x 590 x 1260
4116022871	CPRD 8500 NS59S MT	500	950	33,5	7,5	5,5	11	400/3/50	dol	290	2030 x 680 x 1400
4116022872	CPRD 8500 NS59S FT	500	950	33,5	7,5	5,5	11	400/3/50	dol	290	2030 x 680 x 1400
4116022869	CPRD 10270 NS59S MT	270	1210	42,7	10,0	7,5	11	400/3/50	dol	220	1520 x 590 x 1260
4116022870	CPRD 10270 NS59S FT	270	1210	42,7	10,0	7,5	11	400/3/50	dol	220	1520 x 590 x 1260
4116022873	CPRD 10500 NS59S MT	500	1210	42,7	10,0	7,5	11	400/3/50	dol	295	2030 x 680 x 1400
4116022874	CPRD 10500 NS59S FT	500	1210	42,7	10,0	7,5	11	400/3/50	dol	295	2030 x 680 x 1400
4116022878	CPRD 15500 NS59S FT	500	1390	49,1	15,0	10,0	11	400/3/50	dol	320	2030 x 680 x 1400
4116022875	CPRD 25900 NS89 FT Y	900	2270	80,2	25,0	18,0	11	400/3/50	y	604	2450 x 850 x 1700
4116022876	CPRD 4+4 500 NS29S FT	500	1028	36,3	4+4	3+3	11	400/3/50	dol	304	2070 x 680 x 1300
4116022877	CPRD 5,5+5,5 500 NS39 FT	500	1300	45,9	5,5 + 5,5	4 + 4	11	400/3/50	dol	400	2070 x 680 x 1300
4116022878	CPRD 7,5+7,5 500 NS59S FT	500	1900	67,1	7,5 + 7,5	5,5 + 5,5	11	400/3/50	dol	406	2450 x 660 x 1400
4116022879	CPRD 10+10 500 NS59S FT	500	2420	85,5	10 + 10	7,5+7,5	11	400/3/50	dol	426	2450 x 660 x 1400
4116022880	CPRD 10+10 900 NS59S FT	900	2420	85,5	10 + 10	7,5+7,5	11	400/3/50	dol	586	2650 x 950 x 1770

CPRD-F-S 50 Hertz

Part number	Type	Liters	l/min	cfm	HP	kW	Bar	Volt/Hz	Start	kg	L x W x H (mm)
4116022881	CPRD 8500 NS6000 FT 15	500	570	20,1	7,5	5,5	15	400/700	dol	290	2030 x 680 x 1400
4116022882	CPRD 10500 NS7000 FT 15	500	930	32,8	10,0	7,5	15	400/700	dol	305	2030 x 680 x 1400
4116022884	CPRD 6270 B5900 VS	270	653	23,1	5,5	4,0	11	400/3/50	dol	210	850 x 970 x 2100
4116000161	CPRF 80 NS59S BTT	0	950	33,5	7,5	5,5	11	400/700	dol	130	1090 x 640 x 810
4116000162	CPRF 100 NS59S BTT	0	1210	42,7	10,0	7,5	11	400/700	dol	135	1090 x 640 x 800
4116000163	CPRF 80 NS59S BFT	0	950	33,5	7,5	5,5	11	400/700	dol	130	1100 x 640 x 800
4116000164	CPRF 100 NS59S BFT	0	1210	42,7	10,0	7,5	11	400/700	dol	135	1100 x 640 x 800
4116007214	CPRS 40 NS29S FT	0	514	18,2	4,0	3,0	11	400/3/50	dol	170	945 x 760 x 960
4116007219	CPRS 60 B5900B FT	0	653	23,1	5,5	4,0	11	400/3/50	dol	177	945 x 760 x 960
4116007221	CPRS 60 B5900B FT Y	0	653	23,1	5,5	4,0	11	400/3/50	y	181	945 x 760 x 960
4116007215	CPRS 80 B6000 FT	0	827	29,2	7,5	5,5	11	400/3/50	dol	234	1270 x 780 x 890
4116007222	CPRS 80 B6000 FT Y	0	827	29,2	7,5	5,5	11	400/3/50	y	240	1270 x 780 x 890
4116007223	CPRS 100 B7000 FT	0	1210	42,7	10,0	7,5	11	400/3/50	dol	253	1270 x 780 x 890
4116007224	CPRS 100 B7000 FT Y	0	1210	42,7	10,0	7,5	11	400/3/50	y	259	1270 x 780 x 890
4116007225	CPRS 4270 NS29S FT	270	514	18,2	4,0	3,0	11	400/3/50	dol	238	1600 x 630 x 1530
4116007226	CPRS 6270 B5900B FT	270	653	23,1	5,5	4,0	11	400/3/50	dol	238	1600 x 630 x 1530
4116007227	CPRS 6270 B5900B FT Y	270	653	23,1	5,5	4,0	11	400/3/50	y	248	1600 x 630 x 1530
4116007228	CPRS 6500 B5900B FT	500	653	23,1	5,5	4,0	11	400/3/50	dol	302	2020 x 1000 x 1600
4116007229	CPRS 6500 B5900B FT Y	500	653	23,1	5,5	4,0	11	400/3/50	y	306	2020 x 1000 x 1600
4116007230	CPRS 8500 B6000 FT	500	827	29,2	7,5	5,5	11	400/3/50	dol	404	2020 x 1000 x 1600
4116007231	CPRS 8500 B6000 FT Y	500	827	29,2	7,5	5,5	11	400/3/50	y	406	2020 x 1000 x 1600
4116007232	CPRS 10500 B7000 FT	500	1210	42,7	10,0	7,5	11	400/3/50	dol	442	2020 x 1000 x 1600
4116007233	CPRS 10500 B7000 FT Y	500	1210	42,7	10,0	7,5	11	400/3/50	y	448	2020 x 1000 x 1600
4116007234	CPRS 6500 B5900B FTD	500	653	23,1	5,5	4,0	11	400/3/50	dol	302	2020 x 1000 x 1600
4116007236	CPRS 8500 B6000B FTD	500	827	29,2	7,5	5,5	11	400/3/50	dol	404	2020 x 1000 x 1600
4116007237	CPRS 8500 B6000B FTD Y	500	827	29	8	6	11	400/3/50	y	410	2020 x 1000 x 1600
4116007238	CPRS 10500 B7000 FTD	500	1210	42,7	10,0	7,5	11	400/3/50	dol	442	2020 x 1000 x 1600
4116007239	CPRS 10500 B7000 FTD Y	500	1210	42,7	10,0	7,5	11	400/3/50	y	448	2020 x 1000 x 1600

CPRD-F-S 60 Hertz

Part number	Type	Liters	l/min	cfm	HP	kW	Bar	Volt/Hz	Start	kg	L x W x H (mm)
4116022996	CPRD 4200 NS29S MT 220/60hz	200	385	13,6	4,0	3,0	11	220/3/60	dol	140	1500 x 450 x 960
4116022997	CPRD 4200 NS29S FT 220/60hz	200	385	13,6	4,0	3,0		220/3/60	dol	137	1500 x 450 x 960
4116022998	CPRD 4270 NS29S MT 220/60hz	270	385	13,6	4,0	3,0	11	220/3/60	dol	147	1530 x 600 x 1160
4116022999	CPRD 4270 NS29S FT 220/60hz	270	385	13,6	4,0	3,0	11	220/3/60	dol	144	1530 x 600 x 1160
4116023020	CPRD 6270 B5900 VS 220/60hz	270	535	18,9	5,5	4,0	11	220/1/60	dol	210	850 x 970 x 2100
4116023006	CPRD 6270 NS39 MT 220/60hz	270	590	20,8	5,5	4,0	11	220/3/60	dol	180	1520 x 590 x 1260
4116023007	CPRD 6500 NS39 MT 220/60hz	500	590	20,8	5,5	4,0	11	220/3/60	dol	250	2030 x 680 x 1400
4116023008	CPRD 6500 NS39 FT 220/60hz	500	590	20,8	5,5	4,0	11	220/3/60	dol	250	2030 x 680 x 1400
4116023009	CPRD 8500 NS39 MT 220/60hz	500	825	29,1	7,5	5,5	11	220/3/60	dol	280	2030 x 680 x 1400
4116023010	CPRD 8500 NS39 FT 220/60hz	500	825	29,1	7,5	5,5	11	220/3/60	dol	280	2030 x 680 x 1400
4116023022	CPRD 6270 NS39 FT 220/60hz	270	590	20,8	5,5	4,0	11	220/3/60	dol	180	1520 x 590 x 1260
4116023011	CPRD 8500 NS59S MT 220/60hz	500	820	29,0	7,5	5,5	11	220/3/60	dol	290	2030 x 680 x 1400
4116023012	CPRD 8500 NS59S FT 220/60hz	500	820	29,0	7,5	5,5	11	220/3/60	dol	290	2030 x 680 x 1400
4116023013	CPRD 10500 NS59S MT 220/60hz	500	1040	36,7	10,0	7,5	11	220/3/60	dol	295	2030 x 680 x 1400
4116023014	CPRD 10500 NS59S FT 220/60hz	500	1040	36,7	10,0	7,5	11	220/3/60	dol	295	2030 x 680 x 1400
4116023015	CPRD 5,5+5,5 500 NS39 FT 220/60hz	500	1180	41,7	5,5 + 5,5	4 + 4	11	220/3/60	dol	400	2070 x 680 x 1300
4116023016	CPRD 7,5+7,5 500 NS59S FT 220/60hz	500	1640	57,9	7,5 + 7,5	5,5 + 5,5	11	220/3/60	dol	406	2450 x 660 x 1400
4116023017	CPRD 10+10 500 NS59S FT 220/60hz	500	2080	73,5	10 + 10	7,5+7,5	11	220/3/60	dol	426	2450 x 660 x 1400
4116023018	CPRD 10+10 900 NS59S FT 220/60hz	900	2080	73,5	10 + 10	7,5+7,5	11	220/3/60	dol	586	2650 x 950 x 1770

Part number	Type	Liters	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
4116002086	engineAIR 4/100 Petrol	100	281	9,9	3,5	2,6	10	96	71	1365 x 530 x 895
4116002087	engineAIR 5/50 Petrol	50	348	12,3	4,8	3,6	10	96	70	1120 x 520 x 840
4116002088	engineAIR 5/100 Petrol	100	348	12,3	4,8	3,6	10	96	70	1365 x 550 x 895
4116002089	engineAIR 5/200 Petrol	200	348	12,3	4,8	3,6	10	96	73	1670 x 600 x 1024
4116002090	engineAIR 5/11+11 Petrol	11+11	348	12,3	4,8	3,6	10	96	94	965 x 662 x 767
4116002091	engineAIR 5/11+11R Petrol	11+11	348	12,3	4,8	3,6	10	96	120	890 x 662 x 819
4116022690	engineAIR 7/25+25R Petrol	25+25	570	20,1	7,1	5,3	10	96	143	1120 x 690 x 920
4116022691	engineAIR 7/270 Petrol	270	476	16,8	7,1	5,3	14	104	223	1170 x 600 x 1200
4116022692	engineAIR 11/270 Petrol	270	741	26,2	10,7	8,2	14	104	235	1170 x 600 x 1240
4116022693	engineAIR 8/270 Diesel	270	630	22,3	7,5	5,5	14	110	239	1170 x 600 x 1290
4116022694	engineAIR 11/270 Diesel	270	990	35,0	10,9	8,2	14	110	258	1170 x 600 x 1380
4116022695	BI engineAIR 8/270 Diesel 2,2KvA	270	408	14,4	7,5	5,5	14	110	261	1192 x 620 x 1300
4116022696	BI engineAIR 11/270 Diesel 2,2KvA	270	570	20,1	10,9	8,2	14	110	261	1192 x 620 x 1300
4116002092	engineAIR 4 Petrol	0	281	9,9	3,5	2,6	10	95,7	57	860 x 490 x 750
4116002093	engineAIR 5 Petrol	0	348	12,3	4,8	3,6	10	95,8	63	860 x 490 x 750
4116002073	engineAIR 7 Petrol	0	476	16,8	7,1	5,3	14	103,7	117	1200 x 685 x 880
4116002074	engineAIR 11 Petrol	0	741	26,2	10,7	8,2	14	104,4	128	1200 x 685 x 880
4116002082	engineAIR 12 Petrol	0	893	31,6	11,7	8,8	11	104,4	142	1200 x 685 x 880
4116002075	engineAIR 8 Diesel	0	630	22,3	7,5	5,5	14	110,2	142	1200 x 685 x 880
4116002076	engineAIR 11 Diesel	0	990	35,0	10,9	8,2	14	109,8	151	1200 x 685 x 880
4116002083	engineAIR 12 Diesel	0	1050	37,1	12	8,8	11	109,8	154	1200 x 685 x 880
4116002077	BI engineAIR 8 Diesel 2,2KvA	0	408	14,4	7,5	5,5	14	110,2	157	1200 x 685 x 880
4116002078	BI engineAIR 11 Diesel 2,2KvA	0	570	20,1	10,9	8,2	14	109,8	184	1200 x 685 x 880
4116002084	BI engineAIR 12 Diesel 3KvA	0	1000	35,3	12	8,8	11	109,8	201	1200 x 685 x 880

Part number	Type	Liters	l/min	cfm	HP	kW	Bar	Volt/Hz	Start	dB(A)	kg	L x W x H (mm)
4116023048	CPRK VE1 350 MS	50	418	14,8	3	2,2	10	230/1/50	dol	87	73	1000 x 400 x 740
4116023049	CPRK VE1 3200 MS	200	418	14,8	3	2,2	10	230/1/50	dol	89	111	1400 x 450 x 980
4116023050	CPRK VE2 4270 FT	270	509	18,0	4	3	10	400/3/50	dol	85	173	1500 x 550 x 1080
4116023051	CPRK VE2 6270 FT	270	753	26,6	5,5	4	10	400/3/50	dol	89	177	1500 x 550 x 1080
4116023142	CPRK VE2 6270 FT Y	270	753	26,6	5,5	4	10	400/3/50	y	89	177	1500 x 550 x 1080
4116023052	CPRK VE2 6500 FT	500	753	26,6	5,5	4	10	400/3/50	dol	89	234	2000 x 650 x 1200
4116023143	CPRK VE2 6500 FT Y	500	753	26,6	5,5	4	10	400/3/50	y	89	234	2000 x 650 x 1200
4116023171	CPRK VD1 8500 FT	500	806	28,5	7,5	5,5	10	400/3/50	dol	92	280	2000 x 650 x 1200
4116023172	CPRK VD1 8500 FT Y	500	806	28,5	7,5	5,5	10	400/3/50	y	92	280	2000 x 650 x 1200
4116023053	CPRK VD2 10500 FT	500	1121	39,6	10	7,5	10	400/3/50	dol	93	304	2000 x 650 x 1300
4116023144	CPRK VD2 10500 FT Y	500	1121	39,6	10	7,5	10	400/3/50	y	93	304	2000 x 650 x 1300

PGC	Part number	Type		pump	air displacement	tank	power	rpm	volt	hz	phase	starter	pressure	dryer	volt	hz	phase	dimensions	weight
44VM	4116000177	CPRO 4270 NS29S FT	stationary	NS29S	514	270	4	1400	400	50	3	dol	11	A1	230	50	1	1490x500x1175	174
44VM	4116000178	CPRO 6270 B5900B FT	stationary	B5900B	653	270	5,5	1400	400	50	3	dol	11	A1	230	50	1	1490x500x1175	197
44VM	4116000184	CPRO 6270 B5900B FT YD	stationary	B5900B	653	270	5,5	1400	400	50	3	YD	11	A1	230	50	1	1490x500x1175	197
44VM	4116000181	CPRO 6500 B5900B FT	stationary	B5900B	653	500	5,5	1400	400	50	3	dol	11	A1	230	50	1	1894x600x1280	249
44VM	4116000187	CPRO 6500 B5900B FT YD	stationary	B5900B	653	500	5,5	1400	400	50	3	YD	11	A1	230	50	1	1894x600x1280	249
44VM	4116000179	CPRO 8270 B6000 FT	stationary	B6000	827	270	7,5	1400	400	50	3	dol	11	A2	230	50	1	1490x500x1175	207
44VM	4116000185	CPRO 8270 B6000 FT YD	stationary	B6000	827	270	7,5	1400	400	50	3	YD	11	A2	230	50	1	1490x500x1175	207
44VM	4116000182	CPRO 8500 B6000 FT	stationary	B6000	827	500	7,5	1400	400	50	3	dol	11	A2	230	50	1	1894x600x1280	290
44VM	4116000188	CPRO 8500 B6000 FT YD	stationary	B6000	827	500	7,5	1400	400	50	3	YD	11	A2	230	50	1	1894x600x1280	290
44VM	4116000180	CPRO 10270 B7000 FT	stationary	B7000	1210	270	10	1300	400	50	3	dol	11	A3	230	50	1	1490x500x1175	231
44VM	4116000186	CPRO 10270 B7000 FT YD	stationary	B7000	1210	270	10	1300	400	50	3	YD	11	A3	230	50	1	1490x500x1175	231
44VM	4116000183	CPRO 10500 B7000 FT	stationary	B7000	1210	500	10	1300	400	50	3	dol	11	A3	230	50	1	1894x600x1280	314
44VM	4116000189	CPRO 10500 B7000 FT YD	stationary	B7000	1210	500	10	1300	400	50	3	YD	11	A3	230	50	1	1894x600x1280	314

Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
200L Tank Mounted								
CPN 3-8	297	10	3	2,2	8	72	121	1440 x 680 x 1250
CPN 3-10	220	8	3	2,2	10	72	121	1440 x 680 x 1250
CPN 4-8	350	12	4	3	8	73	127	1440 x 680 x 1250
CPN 4-10	280	10	4	3	10	73	127	1440 x 680 x 1250
CPN 5,5-8	495	17	5,5	4	8	74	128	1440 x 680 x 1250
CPN 5,5-10	415	15	5,5	4	10	74	128	1440 x 680 x 1250
CPN 7,5-8	641	23	7,5	5,5	8	76	130	1440 x 680 x 1250
CPN 7,5-10	557	20	7,5	5,5	10	76	130	1440 x 680 x 1250
CPN 10-8	948	33	10	7,5	8	75	186	1440 x 680 x 1250
CPN 10-10	802	28	10	7,5	10	75	186	1440 x 680 x 1250
270L Tank Mounted								
CPN 3-8	297	10	3	2,2	8	72	134	1550 x 680 x 1280
CPN 3-10	220	8	3	2,2	10	72	134	1550 x 680 x 1280
CPN 4-8	350	12	4	3	8	73	140	1550 x 680 x 1280
CPN 4-10	280	10	4	3	10	73	140	1550 x 680 x 1280
CPN 5,5-8	495	17	5,5	4	8	74	141	1550 x 680 x 1280
CPN 5,5-10	415	15	5,5	4	10	74	141	1550 x 680 x 1280
CPN 7,5-8	641	23	7,5	5,5	8	76	143	1550 x 680 x 1280
CPN 7,5-10	557	20	7,5	5,5	10	76	143	1550 x 680 x 1280
CPN 10-8	948	33	10	7,5	8	75	199	1550 x 680 x 1280
CPN 10-10	802	28	10	7,5	10	75	199	1550 x 680 x 1280
CPN 15-8	1408	50	15	11	8	76	245	1550 x 718 x 1322
CPN 15-10	1265	45	15	11	10	76	245	1550 x 718 x 1322
CPN 20-8	1631	58	20	15	8	78	260	1550 x 718 x 1322
CPN 20-10	1473	52	20	15	10	78	260	1550 x 718 x 1322

* For part number please contact your local customer center

Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
200L Tank Mounted + Dryer								
CPN 3-8	297	10	3	2,2	8	72	147	1440 x 680 x 1250
CPN 3-10	220	8	3	2,2	10	72	147	1440 x 680 x 1250
CPN 4-8	350	12	4	3	8	73	153	1440 x 680 x 1250
CPN 4-10	280	10	4	3	10	73	153	1440 x 680 x 1250
CPN 5,5-8	495	17	5,5	4	8	74	154	1440 x 680 x 1250
CPN 5,5-10	415	15	5,5	4	10	74	154	1440 x 680 x 1250
CPN 7,5-8	641	23	7,5	5,5	8	76	156	1440 x 680 x 1250
CPN 7,5-10	557	20	7,5	5,5	10	76	156	1440 x 680 x 1250
CPN 10-8	948	33	10	7,5	8	75	213	1440 x 680 x 1250
CPN 10-10	802	28	10	7,5	10	75	213	1440 x 680 x 1250
270L Tank Mounted + Dryer								
CPN 3-8	297	10	3	2,2	8	72	160	1550 x 680 x 1280
CPN 3-10	220	8	3	2,2	10	72	160	1550 x 680 x 1280
CPN 4-8	350	12	4	3	8	73	166	1550 x 680 x 1280
CPN 4-10	280	10	4	3	10	73	166	1550 x 680 x 1280
CPN 5,5-8	495	17	5,5	4	8	74	167	1550 x 680 x 1280
CPN 5,5-10	415	15	5,5	4	10	74	167	1550 x 680 x 1280
CPN 7,5-8	641	23	7,5	5,5	8	76	169	1550 x 680 x 1280
CPN 7,5-10	557	20	7,5	5,5	10	76	169	1550 x 680 x 1280
CPN 10-8	948	33	10	7,5	8	75	226	1550 x 680 x 1280
CPN 10-10	802	28	10	7,5	10	75	226	1550 x 680 x 1280
CPN 15-8	1408	50	15	11	8	76	245	1550 x 718 x 1322
CPN 15-10	1265	45	15	11	10	76	245	1550 x 718 x 1322
CPN 20-8	1631	58	20	15	8	78	260	1550 x 718 x 1322
CPN 20-10	1473	52	20	15	10	78	260	1550 x 718 x 1322

Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
500L Tank Mounted								
CPN 15-8	1408	50	15	11	8	76	268	1935 x 718 x 1453
CPN 15-10	1265	45	15	11	10	76	268	1935 x 718 x 1453
CPN 15-13	1034	37	15	11	13	76	300	1935 x 718 x 1453
CPN 20-8	1631	58	20	15	8	78	283	1935 x 718 x 1453
CPN 20-10	1473	52	20	15	10	78	283	1935 x 718 x 1453
CPN 20-13	1224	43	20	15	13	78	315	1935 x 718 x 1453
500L Tank Mounted + Dryer								
CPN 15-8	1408	50	15	11	8	76	307	1935 x 718 x 1453
CPN 15-10	1265	45	15	11	10	76	307	1935 x 718 x 1453
CPN 15-13	1034	37	15	11	13	76	339	1935 x 718 x 1453
CPN 20-8	1631	58	20	15	8	78	322	1935 x 718 x 1453
CPN 20-10	1473	52	20	15	10	78	322	1935 x 718 x 1453
CPN 20-13	1224	43	20	15	13	78	354	1935 x 718 x 1453

Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
200L Tank Mounted								
CPN 3-8	297	10	3	2,2	8	74	115	1440 x 680 x 1250
CPN 3-10	220	8	3	2,2	10	74	115	1440 x 680 x 1250
CPN 4-8	350	12	4	3	8	75	121	1440 x 680 x 1250
CPN 4-10	280	10	4	3	10	75	121	1440 x 680 x 1250
CPN 5,5-8	495	17	5,5	4	8	76	122	1440 x 680 x 1250
CPN 5,5-10	415	15	5,5	4	10	76	122	1440 x 680 x 1250
CPN 7,5-8	641	23	7,5	5,5	8	78	124	1440 x 680 x 1250
CPN 7,5-10	557	20	7,5	5,5	10	78	124	1440 x 680 x 1250
CPN 10-8	948	33	10	7,5	8	77	180	1440 x 680 x 1250
CPN 10-10	802	28	10	7,5	10	77	180	1440 x 680 x 1250
270L Tank Mounted								
CPN 3-8	297	10	3	2,2	8	74	128	1550 x 680 x 1280
CPN 3-10	220	8	3	2,2	10	74	128	1550 x 680 x 1280
CPN 4-8	350	12	4	3	8	75	134	1550 x 680 x 1280
CPN 4-10	280	10	4	3	10	75	134	1550 x 680 x 1280
CPN 5,5-8	495	17	5,5	4	8	76	135	1550 x 680 x 1280
CPN 5,5-10	415	15	5,5	4	10	76	135	1550 x 680 x 1280
CPN 7,5-8	641	23	7,5	5,5	8	78	137	1550 x 680 x 1280
CPN 7,5-10	557	20	7,5	5,5	10	78	137	1550 x 680 x 1280
CPN 10-8	948	33	10	7,5	8	77	193	1550 x 680 x 1280
CPN 10-10	802	28	10	7,5	10	77	193	1550 x 680 x 1280
CPN 15-8	1408	50	15	11	8	78	237	1550 x 718 x 1322
CPN 15-10	1265	45	15	11	10	78	237	1550 x 718 x 1322
CPN 20-8	1631	58	20	15	8	80	252	1550 x 718 x 1322
CPN 20-10	1473	52	20	15	10	80	252	1550 x 718 x 1322

* For part number please contact your local customer center

Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
200L Tank Mounted + Dryer								
CPN 3-8	297	10	3	2,2	8	74	141	1440 x 680 x 1250
CPN 3-10	220	8	3	2,2	10	74	141	1440 x 680 x 1250
CPN 4-8	350	12	4	3	8	75	147	1440 x 680 x 1250
CPN 4-10	280	10	4	3	10	75	147	1440 x 680 x 1250
CPN 5,5-8	495	17	5,5	4	8	76	148	1440 x 680 x 1250
CPN 5,5-10	415	15	5,5	4	10	76	148	1440 x 680 x 1250
CPN 7,5-8	641	23	7,5	5,5	8	78	150	1440 x 680 x 1250
CPN 7,5-10	557	20	7,5	5,5	10	78	150	1440 x 680 x 1250
CPN 10-8	948	33	10	7,5	8	77	207	1440 x 680 x 1250
CPN 10-10	802	28	10	7,5	10	77	207	1440 x 680 x 1250
270L Tank Mounted + Dryer								
CPN 3-8	297	10	3	2,2	8	74	154	1550 x 680 x 1280
CPN 3-10	220	8	3	2,2	10	74	154	1550 x 680 x 1280
CPN 4-8	350	12	4	3	8	75	160	1550 x 680 x 1280
CPN 4-10	280	10	4	3	10	75	160	1550 x 680 x 1280
CPN 5,5-8	495	17	5,5	4	8	76	161	1550 x 680 x 1280
CPN 5,5-10	415	15	5,5	4	10	76	161	1550 x 680 x 1280
CPN 7,5-8	641	23	7,5	5,5	8	78	163	1550 x 680 x 1280
CPN 7,5-10	557	20	7,5	5,5	10	78	163	1550 x 680 x 1280
CPN 10-8	948	33	10	7,5	8	77	220	1550 x 680 x 1280
CPN 10-10	802	28	10	7,5	10	77	220	1550 x 680 x 1280
CPN 15-8	1408	50	15	11	8	78	237	1550 x 718 x 1322
CPN 15-10	1265	45	15	11	10	78	237	1550 x 718 x 1322
CPN 20-8	1631	58	20	15	8	80	252	1550 x 718 x 1322
CPN 20-10	1473	52	20	15	10	80	252	1550 x 718 x 1322

Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
500L Tank Mounted								
CPN 15-8	1408	50	15	11	8	78	260	1935 x 718 x 1453
CPN 15-10	1265	45	15	11	10	78	260	1935 x 718 x 1453
CPN 15-13	1034	37	15	11	13	78	292	1935 x 718 x 1453
CPN 20-8	1631	58	20	15	8	80	275	1935 x 718 x 1453
CPN 20-10	1473	52	20	15	10	80	275	1935 x 718 x 1453
CPN 20-13	1224	43	20	15	13	80	307	1935 x 718 x 1453
500L Tank Mounted + Dryer								
CPN 15-8	1408	50	15	11	8	78	299	1935 x 718 x 1453
CPN 15-10	1265	45	15	11	10	78	299	1935 x 718 x 1453
CPN 15-13	1034	37	15	11	13	78	331	1935 x 718 x 1453
CPN 20-8	1631	58	20	15	8	80	314	1935 x 718 x 1453
CPN 20-10	1473	52	20	15	10	80	314	1935 x 718 x 1453
CPN 20-13	1224	43	20	15	13	80	346	1935 x 718 x 1453

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
Base mounted 400/3/50									
4152010002	CPM 3-8	297	11	3	2,2	8	61	99	620 x 612 x 995
4152010003	CPM 3-10	240	9	3	2,2	10	61	99	620 x 612 x 995
4152010004	CPM 4-8	443	16	4	3	8	61	103	620 x 612 x 995
4152010005	CPM 4-10	320	11	4	3	10	61	103	620 x 612 x 995
4152010006	CPM 5,5-8	560	19,8	5,5	4	8	62	105	620 x 612 x 995
4152010007	CPM 5,5-10	470	17	5,5	4	10	62	105	620 x 612 x 995
4152010010	CPM 7,5-8	697	24,6	7,5	5,5	8	64	110	620 x 612 x 995
4152010011	CPM 7,5-10	600	21	7,5	5,5	10	64	110	620 x 612 x 995
200L Tank Mounted 400/3/50									
4152010014	CPM 3-8	297	11	3	2,2	8	61	155	1429 x 612 x 1300
4152010013	CPM 3-10	240	9	3	2,2	10	61	155	1429 x 612 x 1300
4152010016	CPM 4-8	443	16	4	3	8	61	157	1429 x 612 x 1300
4152010017	CPM 4-10	320	11	4	3	10	61	157	1429 x 612 x 1300
4152010018	CPM 5,5-8	560	19,8	5,5	4	8	62	159	1429 x 612 x 1300
4152010019	CPM 5,5-10	470	17	5,5	4	10	62	159	1429 x 612 x 1300
4152010022	CPM 7,5-8	697	24,6	7,5	5,5	8	64	164	1429 x 612 x 1300
4152010023	CPM 7,5-10	600	21	7,5	5,5	10	64	164	1429 x 612 x 1300

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
270L Tank Mounted 400/3/50									
4152010038	CPM 3-8	297	11	3	2,2	8	61	166	1531 x 612 x 1394
4152010039	CPM 3-10	240	9	3	2,2	10	61	166	1531 x 612 x 1394
4152010040	CPM 4-8	443	16	4	3	8	61	168	1531 x 612 x 1394
4152010041	CPM 4-10	320	11	4	3	10	61	168	1531 x 612 x 1394
4152010042	CPM 5,5-8	560	19,8	5,5	4	8	62	170	1531 x 612 x 1394
4152010043	CPM 5,5-10	470	17	5,5	4	10	62	170	1531 x 612 x 1394
4152010046	CPM 7,5-8	697	24,6	7,5	5,5	8	64	175	1531 x 612 x 1394
4152010047	CPM 7,5-10	600	21	7,5	5,5	10	64	175	1531 x 612 x 1394
200L Tank Mounted + Dryer 400/3/50									
4152010026	CPM 3-8	297	11	3	2,2	8	61	187	1429 x 612 x 1300
4152010027	CPM 3-10	240	9	3	2,2	10	61	187	1429 x 612 x 1300
4152010028	CPM 4-8	443	16	4	3	8	61	191	1429 x 612 x 1300
4152010029	CPM 4-10	320	11	4	3	10	61	191	1429 x 612 x 1300
4152010030	CPM 5,5-8	560	19,8	5,5	4	8	62	193	1429 x 612 x 1300
4152010031	CPM 5,5-10	470	17	5,5	4	10	62	193	1429 x 612 x 1300
4152010034	CPM 7,5-8	697	24,6	7,5	5,5	8	64	198	1429 x 612 x 1300
4152010035	CPM 7,5-10	600	21	7,5	5,5	10	64	198	1429 x 612 x 1300
270L Tank Mounted + Dryer 400/3/50									
4152010050	CPM 3-8	297	11	3	2,2	8	61	198	1531 x 612 x 1394
4152010051	CPM 3-10	240	9	3	2,2	10	61	198	1531 x 612 x 1394
4152010052	CPM 4-8	443	16	4	3	8	61	202	1531 x 612 x 1394
4152010053	CPM 4-10	320	11	4	3	10	61	202	1531 x 612 x 1394
4152010054	CPM 5,5-8	560	19,8	5,5	4	8	62	204	1531 x 612 x 1394
4152010055	CPM 5,5-10	470	17	5,5	4	10	62	204	1531 x 612 x 1394
4152010058	CPM 7,5-8	697	24,6	7,5	5,5	8	64	209	1531 x 612 x 1394
4152010059	CPM 7,5-10	600	21	7,5	5,5	10	64	290	1531 x 612 x 1394

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
Base mounted 400/3/50									
4152010400	CPM 10-8	1008	35,6	10	7,5	8	66	167	810 x 650 x 995
4152010401	CPM 10-10	920	32,5	10	7,5	10	66	167	810 x 650 x 995
4152010402	CPM 10-13	557	19,7	10	7,5	13	66	167	810 x 650 x 995
4152010403	CPM 15-8	1428	50,4	15	11	8	68	180	810 x 650 x 995
4152010404	CPM 15-10	1310	46,3	15	11	10	68	180	810 x 650 x 995
4152010405	CPM 15-13	887	31,3	15	11	13	68	180	810 x 650 x 995
4152010406	CPM 20-8	1750	61,8	20	15	8	69	188	810 x 650 x 995
4152010407	CPM 20-10	1650	58,3	20	15	10	69	188	810 x 650 x 995
4152010408	CPM 20-13	1190	42,0	20	15	13	69	188	810 x 650 x 995
270L Tank Mounted 400/3/50									
4152010427	CPM 10-8	1008	35,6	10	7,5	8	66	203	1533 x 650 x 1352
4152010428	CPM 10-10	920	32,5	10	7,5	10	66	203	1533 x 650 x 1352
4152010429	CPM 15-8	1428	50,4	15	11	8	68	215	1533 x 650 x 1352
4152010430	CPM 15-10	1310	46,3	15	11	10	68	215	1533 x 650 x 1352
4152010431	CPM 20-8	1750	61,8	20	15	8	69	223	1533 x 650 x 1352
4152010432	CPM 20-10	1650	58,3	20	15	10	69	223	1533 x 650 x 1352
500L Tank Mounted 400/3/50									
4152010445	CPM 10-8	1008	35,6	10	7,5	8	66	293	1935 x 650 x 1483
4152010446	CPM 10-10	920	32,5	10	7,5	10	66	293	1935 x 650 x 1483
4152010447	CPM 10-13	557	19,7	10	7,5	13	66	293	1935 x 650 x 1483
4152010448	CPM 15-8	1428	50,4	15	11	8	68	305	1935 x 650 x 1483
4152010449	CPM 15-10	1310	46,3	15	11	10	68	305	1935 x 650 x 1483
4152010450	CPM 15-13	887	31,3	15	11	13	68	305	1935 x 650 x 1483
4152010451	CPM 20-8	1750	61,8	20	15	8	69	313	1935 x 650 x 1483
4152010452	CPM 20-10	1650	58,3	20	15	10	69	313	1935 x 650 x 1483
4152010453	CPM 20-13	1190	42,0	20	15	13	69	313	1935 x 650 x 1483

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
270L Tank Mounted + Dryer 400/3/50									
4152010472	CPM 10-8	1008	35,6	10	7,5	8	66	236	1533 x 650 x 1352
4152010473	CPM 10-10	920	32,5	10	7,5	10	66	236	1533 x 650 x 1352
4152010474	CPM 15-8	1428	50,4	15	11	8	68	250	1533 x 650 x 1352
4152010475	CPM 15-10	1310	46,3	15	11	10	68	250	1533 x 650 x 1352
4152010476	CPM 20-8	1750	61,8	20	15	8	69	258	1533 x 650 x 1352
4152010477	CPM 20-10	1650	58,3	20	15	10	69	258	1533 x 650 x 1352
500L Tank Mounted + Dryer 400/3/50									
4152010490	CPM 10-8	1008	35,6	10	7,5	8	66	326	1935 x 650 x 1483
4152010491	CPM 10-10	920	32,5	10	7,5	10	66	326	1935 x 650 x 1483
4152010492	CPM 10-13	557	19,7	10	7,5	13	66	326	1935 x 650 x 1483
4152010493	CPM 15-8	1428	50,4	15	11	8	68	340	1935 x 650 x 1483
4152010494	CPM 15-10	1310	46,3	15	11	10	68	340	1935 x 650 x 1483
4152010495	CPM 15-13	887	31,3	15	11	13	68	340	1935 x 650 x 1483
4152010496	CPM 20-8	1750	61,8	20	15	8	69	348	1935 x 650 x 1483
4152010497	CPM 20-10	1650	58,3	20	15	10	69	348	1935 x 650 x 1483
4152010498	CPM 20-13	1190	42,0	20	15	13	69	348	1935 x 650 x 1483

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
Base mounted 230/3/60									
4152010110	CPM 3-8	297	11	3	2,2	8	61	99	620 x 612 x 995
4152010111	CPM 3-10	240	9	3	2,2	10	61	99	620 x 612 x 995
4152010112	CPM 4-8	443	16	4	3	8	61	103	620 x 612 x 995
4152010113	CPM 4-10	320	11	4	3	10	61	103	620 x 612 x 995
4152010114	CPM 5,5-8	560	19,8	5,5	4	8	62	105	620 x 612 x 995
4152010115	CPM 5,5-10	470	17	5,5	4	10	62	105	620 x 612 x 995
4152010118	CPM 7,5-8	697	24,6	7,5	5,5	8	64	110	620 x 612 x 995
4152010119	CPM 7,5-10	600	21	7,5	5,5	10	64	110	620 x 612 x 995
200L Tank Mounted 230/3/60									
4152010120	CPM 3-8	297	11	3	2,2	8	61	155	1429 x 612 x 1300
4152010121	CPM 3-10	240	9	3	2,2	10	61	155	1429 x 612 x 1300
4152010122	CPM 4-8	443	16	4	3	8	61	157	1429 x 612 x 1300
4152010123	CPM 4-10	320	11	4	3	10	61	157	1429 x 612 x 1300
4152010124	CPM 5,5-8	560	19,8	5,5	4	8	62	159	1429 x 612 x 1300
4152010125	CPM 5,5-10	470	17	5,5	4	10	62	159	1429 x 612 x 1300
4152010128	CPM 7,5-8	697	24,6	7,5	5,5	8	64	164	1429 x 612 x 1300
4152010129	CPM 7,5-10	600	21	7,5	5,5	10	64	164	1429 x 612 x 1300

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
270L Tank Mounted 230/3/60									
4152010140	CPM 3-8	297	11	3	2,2	8	61	166	1531 x 612 x 1394
4152010141	CPM 3-10	240	9	3	2,2	10	61	166	1531 x 612 x 1394
4152010142	CPM 4-8	443	16	4	3	8	61	168	1531 x 612 x 1394
4152010143	CPM 4-10	320	11	4	3	10	61	168	1531 x 612 x 1394
4152010144	CPM 5,5-8	560	19,8	5,5	4	8	62	170	1531 x 612 x 1394
4152010145	CPM 5,5-10	470	17	5,5	4	10	62	170	1531 x 612 x 1394
4152010148	CPM 7,5-8	697	24,6	7,5	5,5	8	64	175	1531 x 612 x 1394
4152010149	CPM 7,5-10	600	21	7,5	5,5	10	64	175	1531 x 612 x 1394
200L Tank Mounted + Dryer 230/3/60									
4152010130	CPM 3-8	297	11	3	2,2	8	61	187	1429 x 612 x 1300
4152010131	CPM 3-10	240	9	3	2,2	10	61	187	1429 x 612 x 1300
4152010132	CPM 4-8	443	16	4	3	8	61	191	1429 x 612 x 1300
4152010133	CPM 4-10	320	11	4	3	10	61	191	1429 x 612 x 1300
4152010134	CPM 5,5-8	560	19,8	5,5	4	8	62	193	1429 x 612 x 1300
4152010135	CPM 5,5-10	470	17	5,5	4	10	62	193	1429 x 612 x 1300
4152010138	CPM 7,5-8	697	24,6	7,5	5,5	8	64	198	1429 x 612 x 1300
4152010139	CPM 7,5-10	600	21	7,5	5,5	10	64	198	1429 x 612 x 1300
270L Tank Mounted + Dryer 230/3/60									
4152010150	CPM 3-8	297	11	3	2,2	8	61	198	1531 x 612 x 1394
4152010151	CPM 3-10	240	9	3	2,2	10	61	198	1531 x 612 x 1394
4152010152	CPM 4-8	443	16	4	3	8	61	202	1531 x 612 x 1394
4152010153	CPM 4-10	320	11	4	3	10	61	202	1531 x 612 x 1394
4152010154	CPM 5,5-8	560	19,8	5,5	4	8	62	204	1531 x 612 x 1394
4152010155	CPM 5,5-10	470	17	5,5	4	10	62	204	1531 x 612 x 1394
4152010158	CPM 7,5-8	697	24,6	7,5	5,5	8	64	209	1531 x 612 x 1394
4152010159	CPM 7,5-10	600	21	7,5	5,5	10	64	290	1531 x 612 x 1394

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
Base mounted 230/3/60									
4152010418	CPM 10-8	1008	35,6	10	7,5	8	66	167	810 x 650 x 995
4152010419	CPM 10-10	920	32,5	10	7,5	10	66	167	810 x 650 x 995
4152010420	CPM 10-13	557	19,7	10	7,5	13	66	167	810 x 650 x 995
4152010421	CPM 15-8	1428	50,4	15	11	8	68	180	810 x 650 x 995
4152010422	CPM 15-10	1310	46,3	15	11	10	68	180	810 x 650 x 995
4152010423	CPM 15-13	887	31,3	15	11	13	68	180	810 x 650 x 995
4152010424	CPM 20-8	1750	61,8	20	15	8	69	188	810 x 650 x 995
4152010425	CPM 20-10	1650	58,3	20	15	10	69	188	810 x 650 x 995
4152010426	CPM 20-13	1190	42,0	20	15	13	69	188	810 x 650 x 995
270L Tank Mounted 230/3/60									
4152010439	CPM 10-8	1008	35,6	10	7,5	8	66	203	1533 x 650 x 1352
4152010440	CPM 10-10	920	32,5	10	7,5	10	66	203	1533 x 650 x 1352
4152010441	CPM 15-8	1428	50,4	15	11	8	68	215	1533 x 650 x 1352
4152010442	CPM 15-10	1310	46,3	15	11	10	68	215	1533 x 650 x 1352
4152010443	CPM 20-8	1750	61,8	20	15	8	69	223	1533 x 650 x 1352
4152010444	CPM 20-10	1650	58,3	20	15	10	69	223	1533 x 650 x 1352
500L Tank Mounted 230/3/60									
4152010463	CPM 10-8	1008	35,6	10	7,5	8	66	293	1935 x 650 x 1483
4152010464	CPM 10-10	920	32,5	10	7,5	10	66	293	1935 x 650 x 1483
4152010465	CPM 10-13	557	19,7	10	7,5	13	66	293	1935 x 650 x 1483
4152010466	CPM 15-8	1428	50,4	15	11	8	68	305	1935 x 650 x 1483
4152010467	CPM 15-10	1310	46,3	15	11	10	68	305	1935 x 650 x 1483
4152010468	CPM 15-13	887	31,3	15	11	13	68	305	1935 x 650 x 1483
4152010469	CPM 20-8	1750	61,8	20	15	8	69	313	1935 x 650 x 1483
4152010470	CPM 20-10	1650	58,3	20	15	10	69	313	1935 x 650 x 1483
4152010471	CPM 20-13	1190	42,0	20	15	13	69	313	1935 x 650 x 1483

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
270L Tank Mounted + Dryer 230/3/60									
4152010484	CPM 10-8	1008	35,6	10	7,5	8	66	236	1533 x 650 x 1352
4152010485	CPM 10-10	920	32,5	10	7,5	10	66	236	1533 x 650 x 1352
4152010486	CPM 15-8	1428	50,4	15	11	8	68	250	1533 x 650 x 1352
4152010487	CPM 15-10	1310	46,3	15	11	10	68	250	1533 x 650 x 1352
4152010488	CPM 20-8	1750	61,8	20	15	8	69	258	1533 x 650 x 1352
4152010489	CPM 20-10	1650	58,3	20	15	10	69	258	1533 x 650 x 1352
500L Tank Mounted + Dryer 230/3/60									
4152010508	CPM 10-8	1008	35,6	10	7,5	8	66	326	1935 x 650 x 1483
4152010509	CPM 10-10	920	32,5	10	7,5	10	66	326	1935 x 650 x 1483
4152010510	CPM 10-13	557	19,7	10	7,5	13	66	326	1935 x 650 x 1483
4152010511	CPM 15-8	1428	50,4	15	11	8	68	340	1935 x 650 x 1483
4152010512	CPM 15-10	1310	46,3	15	11	10	68	340	1935 x 650 x 1483
4152010513	CPM 15-13	887	31,3	15	11	13	68	340	1935 x 650 x 1483
4152010514	CPM 20-8	1750	61,8	20	15	8	69	348	1935 x 650 x 1483
4152010515	CPM 20-10	1650	58,3	20	15	10	69	348	1935 x 650 x 1483
4152010516	CPM 20-13	1190	42,0	20	15	13	69	348	1935 x 650 x 1483

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
Base mounted 400/3/50									
4152011000	CPA 7/8	820	29	7,5	5,5	8	66	241	1095 x 642 x 1220
4152011003	CPA 10/8	1153	41	10	7,5	8	66	246	1095 x 642 x 1220
4152011006	CPA 15/8	1665	59	15	11	8	69	266	1095 x 642 x 1220
4152011009	CPA 20/8	1985	70	20	15	8	69	291	1095 x 642 x 1220
4152011001	CPA 7/10	670	24	7,5	5,5	10	66	241	1095 x 642 x 1220
4152011004	CPA 10/10	1000	35	10	7,5	10	66	246	1095 x 642 x 1220
4152011007	CPA 15/10	1435	51	15	11	10	69	266	1095 x 642 x 1220
4152011010	CPA 20/10	1771	63	20	15	10	69	291	1095 x 642 x 1220
4152011002	CPA 7/13	520	18	7,5	5,5	13	66	241	1095 x 642 x 1220
4152011005	CPA 10/13	810	29	10,0	7,5	13	66	246	1095 x 642 x 1220
4152011008	CPA 15/13	1210	43	15,0	11	13	69	266	1095 x 642 x 1220
4152011011	CPA 20/13	1480	52	20	15	13	69	291	1095 x 642 x 1220
Base mounted + Dryer 400/3/50									
4152011012	CPA 7/8	820	29	7,5	5,5	8	66	271	1095 x 642 x 1220
4152011015	CPA 10/8	1153	41	10	7,5	8	66	276	1095 x 642 x 1220
4152011018	CPA 15/8	1665	59	15	11	8	69	296	1095 x 642 x 1220
4152011021	CPA 20/8	1985	70	20	15	8	69	321	1095 x 642 x 1220
4152011013	CPA 7/10	670	24	7,5	5,5	10	66	271	1095 x 642 x 1220
4152011016	CPA 10/10	1000	35	10	7,5	10	66	276	1095 x 642 x 1220
4152011019	CPA 15/10	1435	51	15	11	10	69	296	1095 x 642 x 1220
4152011022	CPA 20/10	1771	63	20	15	10	69	321	1095 x 642 x 1220
4152011014	CPA 7/13	520	18	7,5	5,5	13	66	271	1095 x 642 x 1220
4152011017	CPA 10/13	810	29	10,0	7,5	13	66	276	1095 x 642 x 1220
4152011020	CPA 15/13	1210	43	15,0	11	13	69	296	1095 x 642 x 1220
4152011023	CPA 20/13	1480	52	20	15	13	69	321	1095 x 642 x 1220

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
270L Tank Mounted + Dryer 400/3/50									
4152011036	CPA 7/8	820	29	7,5	5,5	8	66	336	1150 x 642 x 1837
4152011039	CPA 10/8	1153	41	10	7,5	8	66	341	1150 x 642 x 1837
4152011042	CPA 15/8	1665	59	15	11	8	69	361	1150 x 642 x 1837
4152011045	CPA 20/8	1985	70	20	15	8	69	386	1150 x 642 x 1837
4152011037	CPA 7/10	670	24	7,5	5,5	10	66	336	1150 x 642 x 1837
4152011040	CPA 10/10	1000	35	10	7,5	10	66	341	1150 x 642 x 1837
4152011043	CPA 15/10	1435	51	15	11	10	69	361	1150 x 642 x 1837
4152011046	CPA 20/10	1771	63	20	15	10	69	386	1150 x 642 x 1837
4152011038	CPA 7/13	520	18	7,5	5,5	13	66	336	1150 x 642 x 1837
4152011041	CPA 10/13	810	29	10,0	7,5	13	66	341	1150 x 642 x 1837
4152011044	CPA 15/13	1210	43	15,0	11	13	69	361	1150 x 642 x 1837
4152011047	CPA 20/13	1480	52	20	15	13	69	386	1150 x 642 x 1837
500L Tank Mounted + Dryer 400/3/50									
4152011060	CPA 7/8	820	29	7,5	5,5	8	66	421	1935 x 642 x 1839
4152011063	CPA 10/8	1153	41	10	7,5	8	66	426	1935 x 642 x 1839
4152011066	CPA 15/8	1665	59	15	11	8	69	446	1935 x 642 x 1839
4152011069	CPA 20/8	1985	70	20	15	8	69	471	1935 x 642 x 1839
4152011061	CPA 7/10	670	24	7,5	5,5	10	66	421	1935 x 642 x 1839
4152011064	CPA 10/10	1000	35	10	7,5	10	66	426	1935 x 642 x 1839
4152011067	CPA 15/10	1435	51	15	11	10	69	446	1935 x 642 x 1839
4152011070	CPA 20/10	1771	63	20	15	10	69	471	1935 x 642 x 1839
4152011062	CPA 7/13	520	18	7,5	5,5	13	66	421	1935 x 642 x 1839
4152011065	CPA 10/13	810	29	10,0	7,5	13	66	426	1935 x 642 x 1839
4152011068	CPA 15/13	1210	43	15,0	11	13	69	446	1935 x 642 x 1839
4152011071	CPA 20/13	1480	52	20	15	13	69	471	1935 x 642 x 1839

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
Base mounted 440/3/60									
4152011222	CPA 7-8	820	29	7,5	5,5	8	66	241	1095 x 642 x 1220
4152011225	CPA 10-8	1153	41	10	7,5	8	66	246	1095 x 642 x 1220
4152011228	CPA 15-8	1665	59	15	11	8	69	266	1095 x 642 x 1220
4152011231	CPA 20-8	1985	70	20	15	8	69	291	1095 x 642 x 1220
4152011223	CPA 7-10	670	24	7,5	5,5	10	66	241	1095 x 642 x 1220
4152011226	CPA 10-10	1000	35	10	7,5	10	66	246	1095 x 642 x 1220
4152011229	CPA 15-10	1435	51	15	11	10	69	266	1095 x 642 x 1220
4152011232	CPA 20-10	1771	63	20	15	10	69	291	1095 x 642 x 1220
4152011224	CPA 7-13	520	18	7,5	5,5	13	66	241	1095 x 642 x 1220
4152011227	CPA 10-13	810	29	10,0	7,5	13	66	246	1095 x 642 x 1220
4152011230	CPA 15-13	1210	43	15,0	11	13	69	266	1095 x 642 x 1220
4152011233	CPA 20-13	1480	52	20	15	13	69	291	1095 x 642 x 1220
Base mounted + Dryer 440/3/60									
4152011234	CPA 7-8	820	29	7,5	5,5	8	66	271	1095 x 642 x 1220
4152011237	CPA 10-8	1153	41	10	7,5	8	66	276	1095 x 642 x 1220
4152011240	CPA 15-8	1665	59	15	11	8	69	296	1095 x 642 x 1220
4152011243	CPA 20-8	1985	70	20	15	8	69	321	1095 x 642 x 1220
4152011235	CPA 7-10	670	24	7,5	5,5	10	66	271	1095 x 642 x 1220
4152011238	CPA 10-10	1000	35	10	7,5	10	66	276	1095 x 642 x 1220
4152011241	CPA 15-10	1435	51	15	11	10	69	296	1095 x 642 x 1220
4152011244	CPA 20-10	1771	63	20	15	10	69	321	1095 x 642 x 1220
4152011236	CPA 7-13	520	18	7,5	5,5	13	66	271	1095 x 642 x 1220
4152011239	CPA 10-13	810	29	10,0	7,5	13	66	276	1095 x 642 x 1220
4152011242	CPA 15-13	1210	43	15,0	11	13	69	296	1095 x 642 x 1220
4152011245	CPA 20-13	1480	52	20	15	13	69	321	1095 x 642 x 1220

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
270L Tank Mounted + Dryer 440/3/60									
4152011246	CPA 7-8	820	29	7,5	5,5	8	66	336	1150 x 642 x 1837
4152011249	CPA 10-8	1153	41	10	7,5	8	66	341	1150 x 642 x 1837
4152011252	CPA 15-8	1665	59	15	11	8	69	361	1150 x 642 x 1837
4152011255	CPA 20-8	1985	70	20	15	8	69	386	1150 x 642 x 1837
4152011247	CPA 7-10	670	24	7,5	5,5	10	66	336	1150 x 642 x 1837
4152011250	CPA 10-10	1000	35	10	7,5	10	66	341	1150 x 642 x 1837
4152011253	CPA 15-10	1435	51	15	11	10	69	361	1150 x 642 x 1837
4152011256	CPA 20-10	1771	63	20	15	10	69	386	1150 x 642 x 1837
4152011248	CPA 7-13	520	18	7,5	5,5	13	66	336	1150 x 642 x 1837
4152011251	CPA 10-13	810	29	10,0	7,5	13	66	341	1150 x 642 x 1837
4152011254	CPA 15-13	1210	43	15,0	11	13	69	361	1150 x 642 x 1837
4152011257	CPA 20-13	1480	52	20	15	13	69	386	1150 x 642 x 1837
500L Tank Mounted + Dryer 440/3/60									
4152011270	CPA 7-8	820	29	7,5	5,5	8	66	421	1935 x 642 x 1839
4152011273	CPA 10-8	1153	41	10	7,5	8	66	426	1935 x 642 x 1839
4152011276	CPA 15-8	1665	59	15	11	8	69	446	1935 x 642 x 1839
4152011279	CPA 20-8	1985	70	20	15	8	69	471	1935 x 642 x 1839
4152011271	CPA 7-10	670	24	7,5	5,5	10	66	421	1935 x 642 x 1839
4152011274	CPA 10-10	1000	35	10	7,5	10	66	426	1935 x 642 x 1839
4152011277	CPA 15-10	1435	51	15	11	10	69	446	1935 x 642 x 1839
4152011280	CPA 20-10	1771	63	20	15	10	69	471	1935 x 642 x 1839
4152011272	CPA 7-13	520	18	7,5	5,5	13	66	421	1935 x 642 x 1839
4152011275	CPA 10-13	810	29	10,0	7,5	13	66	426	1935 x 642 x 1839
4152011278	CPA 15-13	1210	43	15,0	11	13	69	446	1935 x 642 x 1839
4152011281	CPA 20-13	1480	52	20	15	13	69	471	1935 x 642 x 1839

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
Base mounted 400/3/50									
4152006750	CPB 15-8	1726	61	15	11,0	8	70	296	1095 x 642 x 1220
4152006753	CPB 20-8	2218	78	20	15,0	8	70	321	1095 x 642 x 1220
4152006756	CPB 25-8	2771	98	25	18,5	8	72	375	1204 x 805 x 1220
4152006759	CPB 30-8	3511	124	30	22	8	74	391	1204 x 805 x 1220
4152006762	CPB 40-8	3893	137	40	30,0	8	77	419	1204 x 805 x 1220
4152006751	CPB 15-10	1492	53	15	11,0	10	70	296	1095 x 642 x 1220
4152006754	CPB 20-10	2020	71	20	15,0	10	70	321	1095 x 642 x 1220
4152006757	CPB 25-10	2501	88	25	18,5	10	72	375	1204 x 805 x 1220
4152006760	CPB 30-10	3011	106	30	22	10	74	391	1204 x 805 x 1220
4152006763	CPB 40-10	3502	124	40	30,0	10	77	419	1204 x 805 x 1220
4152006752	CPB 15-13	1121	40	15	11	13	70	296	1095 x 642 x 1220
4152006755	CPB 20-13	1538	54	20	15	13	70	321	1095 x 642 x 1220
4152006758	CPB 25-13	1959	69	25	18,5	13	72	375	1204 x 805 x 1220
4152006761	CPB 30-13	2612	92	30	22	13	74	391	1204 x 805 x 1220
4152006764	CPB 40-13	2942	104	40	30	13	77	419	1204 x 805 x 1220

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
Base mounted + Dryer 400/3/50									
4152006765	CPB 15-8	1726	61	15	11,0	8	70	326	1095 x 642 x 1220
4152006768	CPB 20-8	2218	78	20	15,0	8	70	351	1095 x 642 x 1220
4152006771	CPB 25-8	2771	98	25	18,5	8	72	448	1659 x 805 x 1220
4152006774	CPB 30-8	3511	124	30	22	8	74	464	1659 x 805 x 1220
4152006777	CPB 40-8	3893	137	40	30,0	8	77	492	1659 x 805 x 1220
4152006766	CPB 15-10	1492	53	15	11,0	10	70	326	1095 x 642 x 1220
4152006769	CPB 20-10	2020	71	20	15,0	10	70	351	1095 x 642 x 1220
4152006772	CPB 25-10	2501	88	25	18,5	10	72	448	1659 x 805 x 1220
4152006775	CPB 30-10	3011	106	30	22	10	74	464	1659 x 805 x 1220
4152006778	CPB 40-10	3502	124	40	30,0	10	77	492	1659 x 805 x 1220
4152006767	CPB 15-13	1121	40	15	11	13	70	326	1095 x 642 x 1220
4152006770	CPB 20-13	1538	54	20	15	13	70	351	1095 x 642 x 1220
4152006773	CPB 25-13	1959	69	25	18,5	13	72	448	1659 x 805 x 1220
4152006776	CPB 30-13	2612	92	30	22	13	74	464	1659 x 805 x 1220
4152006779	CPB 40-13	2942	104	40	30	13	77	492	1659 x 805 x 1220

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
500L Tank Mounted + Dryer 400/3/50									
4152006780	CPB 15-8	1726	61	15	11,0	8	70	476	1935 x 642 x 1839
4152006783	CPB 20-8	2218	78	20	15,0	8	70	501	1935 x 642 x 1839
4152006786	CPB 25-8	2771	98	25	18,5	8	72	638	1939 x 805 x 1841
4152006789	CPB 30-8	3511	124	30	22	8	74	654	1939 x 805 x 1841
4152006781	CPB 15-10	1492	53	15	11,0	10	70	476	1935 x 642 x 1839
4152006784	CPB 20-10	2020	71	20	15,0	10	70	501	1935 x 642 x 1839
4152006787	CPB 25-10	2501	88	25	18,5	10	72	638	1939 x 805 x 1841
4152006790	CPB 30-10	3011	106	30	22	10	74	654	1939 x 805 x 1841
4152006782	CPB 15-13	1121	40	15	11	13	70	476	1935 x 642 x 1839
4152006785	CPB 20-13	1538	54	20	15	13	70	501	1935 x 642 x 1839
4152006788	CPB 25-13	1959	69	25	18,5	13	72	638	1939 x 805 x 1841
4152006791	CPB 30-13	2612	92	30	22	13	74	654	1939 x 805 x 1841

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
Base mounted 440/3/60									
4152006876	CPB 15-8	1726	61	15	11,0	8	70	296	1095 x 642 x 1220
4152006879	CPB 20-8	2218	78	20	15,0	8	70	321	1095 x 642 x 1220
4152006882	CPB 25-8	2771	98	25	18,5	8	72	375	1204 x 805 x 1220
4152006885	CPB 30-8	3511	124	30	22	8	74	391	1204 x 805 x 1220
4152006888	CPB 40-8	3893	137	40	30,0	8	77	419	1204 x 805 x 1220
4152006877	CPB 15-10	1492	53	15	11,0	10	70	296	1095 x 642 x 1220
4152006880	CPB 20-10	2020	71	20	15,0	10	70	321	1095 x 642 x 1220
4152006883	CPB 25-10	2501	88	25	18,5	10	72	375	1204 x 805 x 1220
4152006886	CPB 30-10	3011	106	30	22	10	74	391	1204 x 805 x 1220
4152006889	CPB 40-10	3502	124	40	30,0	10	77	419	1204 x 805 x 1220
4152006878	CPB 15-13	1121	40	15	11	13	70	296	1095 x 642 x 1220
4152006881	CPB 20-13	1538	54	20	15	13	70	321	1095 x 642 x 1220
4152006884	CPB 25-13	1959	69	25	18,5	13	72	375	1204 x 805 x 1220
4152006887	CPB 30-13	2612	92	30	22	13	74	391	1204 x 805 x 1220
4152006890	CPB 40-13	2942	104	40	30	13	77	419	1204 x 805 x 1220

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
Base mounted + Dryer 440/3/60									
4152006891	CPB 15-8	1726	61	15	11,0	8	70	326	1095 x 642 x 1220
4152006894	CPB 20-8	2218	78	20	15,0	8	70	351	1095 x 642 x 1220
4152006897	CPB 25-8	2771	98	25	18,5	8	72	448	1659 x 805 x 1220
4152006900	CPB 30-8	3511	124	30	22	8	74	464	1659 x 805 x 1220
4152006903	CPB 40-8	3893	137	40	30,0	8	77	492	1659 x 805 x 1220
4152006892	CPB 15-10	1492	53	15	11,0	10	70	326	1095 x 642 x 1220
4152006895	CPB 20-10	2020	71	20	15,0	10	70	351	1095 x 642 x 1220
4152006898	CPB 25-10	2501	88	25	18,5	10	72	448	1659 x 805 x 1220
4152006901	CPB 30-10	3011	106	30	22	10	74	464	1659 x 805 x 1220
4152006904	CPB 40-10	3502	124	40	30,0	10	77	492	1659 x 805 x 1220
4152006893	CPB 15-13	1121	40	15	11	13	70	326	1095 x 642 x 1220
4152006896	CPB 20-13	1538	54	20	15	13	70	351	1095 x 642 x 1220
4152006899	CPB 25-13	1959	69	25	18,5	13	72	448	1659 x 805 x 1220
4152006902	CPB 30-13	2612	92	30	22	13	74	464	1659 x 805 x 1220
4152006905	CPB 40-13	2942	104	40	30	13	77	492	1659 x 805 x 1220

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
500L Tank Mounted + Dryer 440/3/60									
4152006906	CPB 15-8	1726	61	15	11,0	8	70	476	1935 x 642 x 1839
4152006909	CPB 20-8	2218	78	20	15,0	8	70	501	1935 x 642 x 1839
4152006912	CPB 25-8	2771	98	25	18,5	8	72	638	1939 x 805 x 1841
4152006915	CPB 30-8	3511	124	30	22	8	74	654	1939 x 805 x 1841
4152006907	CPB 15-10	1492	53	15	11,0	10	70	476	1935 x 642 x 1839
4152006910	CPB 20-10	2020	71	20	15,0	10	70	501	1935 x 642 x 1839
4152006913	CPB 25-10	2501	88	25	18,5	10	72	638	1939 x 805 x 1841
4152006916	CPB 30-10	3011	106	30	22	10	74	654	1939 x 805 x 1841
4152006908	CPB 15-13	1121	40	15	11	13	70	476	1935 x 642 x 1839
4152006911	CPB 20-13	1538	54	20	15	13	70	501	1935 x 642 x 1839
4152006914	CPB 25-13	1959	69	25	18,5	13	72	638	1939 x 805 x 1841
4152006917	CPB 30-13	2612	92	30	22	13	74	654	1939 x 805 x 1841

Type	l/min	cfm	HP	kW	Bar	Start	dB(A) Silenced	kg	L x W x H (mm)
Basemounted 400/3/50									
CPC 40/8	4920	174	40	30	8	Y/D	71	748	1247x 1060 x 1630
CPC 40/10	4320	153	40	30	10	Y/D	69	748	1247x 1060 x 1630
CPC 40/13	3480	123	40	30	13	Y/D	69	748	1247x 1060 x 1630
CPC 50/8	6120	216	50	37	8	Y/D	71	832	1247x 1060 x 1630
CPC 50/10	5520	195	50	37	10	Y/D	70	832	1247x 1060 x 1630
CPC 50/13	4260	150	50	37	13	Y/D	70	832	1247x 1060 x 1630
CPC 60/8	7800	275	60	45	8	Y/D	72	862	1247x 1060 x 1630
CPC 60/10	6840	242	60	45	10	Y/D	71	862	1247x 1060 x 1630
CPC 60/13	5700	201	60	45	13	Y/D	71	862	1247x 1060 x 1630
CPD 75/8	8700	307	75	55	8	Y/D	72	1073	1420x 1060 x 1630
CPD 75/10	7920	280	75	55	10	Y/D	71	1073	1420x 1060 x 1630
CPD 75/13	7080	250	75	55	13	Y/D	71	1073	1420x 1060 x 1630
CPD 100/8	11520	407	100	75	8	Y/D	75	1280	1660x 1060 x 1630
CPD 100/10	10080	356	100	75	10	Y/D	74	1280	1660x 1060 x 1630
CPD 100/13	8880	314	100	75	13	Y/D	74	1280	1660x 1060 x 1630

CPC-CPD Belt 60 Hertz

Type	l/min	cfm	HP	kW	Psi	Start	dB(A) silenced	kg	L x W x H (mm)
Base mounted 230/460/3/60									
CPC 40/125	4920	174	40	30	115	Y/D	70	748	1247x 1060 x 1630
CPC 40/150	4260	150	40	30	145	Y/D	69	748	1247x 1060 x 1630
CPC 40/175	3960	140	40	30	190	Y/D	69	748	1247x 1060 x 1630
CPC 50/125	6180	218	50	37	115	Y/D	71	832	1247x 1060 x 1630
CPC 50/150	5400	191	50	37	145	Y/D	70	832	1247x 1060 x 1630
CPC 50/175	5040	178	50	37	190	Y/D	70	832	1247x 1060 x 1630
CPC 60/125	7380	261	60	45	115	Y/D	72	862	1247x 1060 x 1630
CPC 60/150	6480	229	60	45	145	Y/D	71	862	1247x 1060 x 1630
CPC 60/175	6060	214	60	45	190	Y/D	71	862	1247x 1060 x 1630
CPD 75/125	8640	305	75	55	115	Y/D	72	1073	1420x 1060 x 1630
CPD 75/150	7680	271	75	55	145	Y/D	71	1073	1420x 1060 x 1630
CPD 75/175	6840	242	75	55	190	Y/D	71	1073	1420x 1060 x 1630
CPD 100/125	11580	409	100	75	115	Y/D	75	1280	1660x 1060 x 1630
CPD 100/150	10140	358	100	75	145	Y/D	74	1280	1660x 1060 x 1630
CPD 100/175	9480	335	100	75	190	Y/D	74	1280	1660x 1060 x 1630

Type	l/min	cfm	HP	kW	Bar	Start	dB(A) Silenced	kg	L x W x H (mm)
Base mounted 400/3/50									
CPC 40/7	5460	193	40	30	7	Y/D	69	760	1420x 1060 x 1630
CPC 40/8	5100	180	40	30	8	Y/D	69	760	1420x 1060 x 1630
CPC 40/10	4560	161	40	30	10	Y/D	68	760	1420x 1060 x 1630
CPC 40/13	3840	136	40	30	13	Y/D	68	760	1420x 1060 x 1630
CPC 50/7	6720	237	50	37	7	Y/D	71	840	1420x 1060 x 1630
CPC 50/8	6420	227	50	37	8	Y/D	71	840	1420x 1060 x 1630
CPC 50/10	5760	203	50	37	10	Y/D	70	840	1420x 1060 x 1630
CPC 50/13	4620	163	50	37	13	Y/D	70	840	1420x 1060 x 1630
CPC 60/7	7860	278	60	45	7	Y/D	72	845	1420x 1060 x 1630
CPC 60/8	7620	269	60	45	8	Y/D	72	845	1420x 1060 x 1630
CPC 60/10	6960	246	60	45	10	Y/D	71	845	1420x 1060 x 1630
CPC 60/13	5940	210	60	45	13	Y/D	71	845	1420x 1060 x 1630
CPD 75/7	12540	443	75	55	7	Y/D	72	1100	1660x 1060 x 1630
CPD 75/8	11940	422	75	55	8	Y/D	72	1100	1660x 1060 x 1630
CPD 75/10	10740	379	75	55	10	Y/D	71	1100	1660x 1060 x 1630
CPD 75/13	9420	333	75	55	13	Y/D	71	1100	1660x 1060 x 1630
CPD 100/7	14280	504	100	75	7	Y/D	75	1287	1660x 1060 x 1630
CPD 100/8	13500	477	100	75	8	Y/D	75	1287	1660x 1060 x 1630
CPD 100/10	12000	424	100	75	10	Y/D	74	1287	1660x 1060 x 1630
CPD 100/13	10140	358	100	75	13	Y/D	74	1287	1660x 1060 x 1630
CPE 100/7	14280	504	100	75	7	Y/D	72	1540	1860x 1060 x 1630
CPE 100/8	13500	477	100	75	8	Y/D	72	1540	1860x 1060 x 1630

Type	l/min	cfm	HP	kW	Bar	Start	dB(A) Silenced	kg	L x W x H (mm)
Base mounted 400/3/50									
CPE 100/10	12000	424	100	75	10	Y/D	71	1540	1860x 1060 x 1630
CPE 100/13	10140	358	100	75	13	Y/D	71	1540	1860x 1060 x 1630
CPE 120/7	15720	555	125	90	7	Y/D	74	1570	1860x 1060 x 1630
CPE 120/8	15600	551	125	90	8	Y/D	74	1570	1860x 1060 x 1630
CPE 120/10	14220	502	125	90	10	Y/D	73	1570	1860x 1060 x 1630
CPE 120/13	11640	411	125	90	13	Y/D	73	1280	1860x 1060 x 1630

Type	l/min	cfm	HP	kW	Psi	Start	dB(A) silenced	kg	L x W x H (mm)
Base mounted 230/460/3/60									
CPC 40/100	5340	189	40	30	100	Y/D	69	760	1420x 1060 x 1630
CPC 40/125	4920	174	40	30	115	Y/D	69	760	1420x 1060 x 1630
CPC 40/150	4500	159	40	30	145	Y/D	68	760	1420x 1060 x 1630
CPC 40/175	4260	150	40	30	190	Y/D	68	760	1420x 1060 x 1630
CPC 50/100	6600	233	50	37	100	Y/D	71	840	1420x 1060 x 1630
CPC 50/125	6180	218	50	37	115	Y/D	71	840	1420x 1060 x 1630
CPC 50/150	5520	195	50	37	145	Y/D	70	840	1420x 1060 x 1630
CPC 50/175	5100	180	50	37	190	Y/D	70	840	1420x 1060 x 1630
CPC 60/100	7680	271	60	45	100	Y/D	72	845	1420x 1060 x 1630
CPC 60/125	7260	256	60	45	115	Y/D	72	845	1420x 1060 x 1630
CPC 60/150	6660	235	60	45	145	Y/D	71	845	1420x 1060 x 1630
CPC 60/175	6180	218	60	45	190	Y/D	71	845	1420x 1060 x 1630
CPD 75/100	12540	443	75	55	100	Y/D	72	1100	1660x 1060 x 1630
CPD 75/125	11940	422	75	55	115	Y/D	72	1100	1660x 1060 x 1630
CPD 75/150	10740	379	75	55	145	Y/D	71	1100	1660x 1060 x 1630
CPD 75/175	9420	333	75	55	190	Y/D	71	1100	1660x 1060 x 1630
CPD 100/100	14280	504	100	75	100	Y/D	75	1287	1660x 1060 x 1630
CPD 100/125	13500	477	100	75	115	Y/D	75	1287	1660x 1060 x 1630
CPD 100/150	12000	424	100	75	145	Y/D	74	1287	1660x 1060 x 1630
CPD 100/175	10140	358	100	75	190	Y/D	74	1287	1660x 1060 x 1630
CPE 100/100	13920	492	100	75	100	Y/D	72	1540	1860x 1060 x 1630
CPE 100/125	12420	439	100	75	115	Y/D	72	1540	1860x 1060 x 1630

Type	l/min	cfm	HP	kW	Psi	Start	dB(A) silenced	kg	L x W x H (mm)
Base mounted 230/460/3/60									
CPE 100/150	11940	422	100	75	145	Y/D	71	1540	1860x 1060 x 1630
CPE 100/175	10260	362	100	75	190	Y/D	71	1540	1860x 1060 x 1630
CPE 120/100	15900	562	125	90	100	Y/D	74	1570	1860x 1060 x 1630
CPE 120/125	14640	517	125	90	115	Y/D	74	1570	1860x 1060 x 1630
CPE 120/150	13380	473	125	90	145	Y/D	73	1570	1860x 1060 x 1630
CPE 120/175	11880	420	125	90	190	Y/D	73	1570	1860x 1060 x 1630

CPE-CPF-CPG 50 Hertz

Type	Liters	l/min	cfm	HP	kW	Bar	Start	dB(A)	kg	L x W x H (mm)
CPE 150-7	N/A	19595	692	150	110	7,5	Y/D	75	1810	2160 x 1100 x 1600
CPE 150-8	N/A	18972	670	150	110	8	Y/D	75	1810	2160 x 1100 x 1600
CPE 150-10	N/A	17075	603	150	110	10	Y/D	75	1810	2160 x 1100 x 1600
CPE 150-13	N/A	14668	518	150	110	13	Y/D	75	1810	2160 x 1100 x 1600
CPF 175-7	N/A	23588	833	180	132	7,5	Y/D	75	2600	2860 x 1500 x 1940
CPF 175-8	N/A	22625	799	180	132	8	Y/D	75	2600	2860 x 1500 x 1940
CPF 175-10	N/A	20530	725	180	132	10	Y/D	75	2600	2860 x 1500 x 1940
CPF 175-13	N/A	16849	595	180	132	13	Y/D	75	2600	2860 x 1500 x 1940
CPF 200-7	N/A	28628	1011	220	160	7,5	Y/D	73	2830	2842 x 1610 x 1992
CPF 200-8	N/A	27354	966	220	160	8	Y/D	73	2830	2842 x 1610 x 1992
CPF 200-10	N/A	24833	877	220	160	10	Y/D	73	2830	2842 x 1610 x 1992
CPF 200-13	N/A	20530	725	220	160	13	Y/D	73	2830	2842 x 1610 x 1992
CPG 380-8	N/A	47565	1679	380	280	8	Y/D	77	6564	4450 x 2140 x 2250
CPG 380-10	N/A	40845	1442	380	280	10	Y/D	77	6564	4450 x 2140 x 2250
CPG 450-8	N/A	54180	1913	450	315	8	Y/D	79	6698	4450 x 2140 x 2250
CPG 450-10	N/A	47460	1675	450	315	10	Y/D	77	6698	4450 x 2140 x 2250
CPG 450-13	N/A	40635	1434	450	315	13	Y/D	77	6698	4450 x 2140 x 2250
CPG 480-10	N/A	54075	1909	480	355	10	Y/D	79	6706	4450 x 2140 x 2250
CPG 480-13	N/A	47250	1668	480	355	13	Y/D	77	6706	4450 x 2140 x 2250

* For the partnumbers please contact your local customer center/representative

* For the voltages, please contact your local customer center/representative

CPE-CPF-CPG 60 Hertz

Type	Liters	l/min	cfm	HP	kW	Bar	Start	dB(A)	kg	L x W x H (mm)
CPE 150-7	N/A	20233	714	150	110	7,5	Y/D	71	1810	2666 x 1490 x 1938
CPE 150-8	N/A	19517	689	150	110	8	Y/D	71	1810	2666 x 1490 x 1938
CPE 150-10	N/A	17250	609	150	110	10	Y/D	71	1810	2666 x 1490 x 1938
CPE 150-13	N/A	13634	481	150	110	13	Y/D	71	1810	2666 x 1490 x 1938
CPF 175-7	N/A	23700	837	175	132	7,5	Y/D	72	3020	2860 x 1500 x 1940
CPF 175-8	N/A	22830	806	175	132	8	Y/D	72	3020	2860 x 1500 x 1940
CPF 175-10	N/A	20724	732	175	132	10	Y/D	72	3020	2860 x 1500 x 1940
CPF 175-13	N/A	16998	600	175	132	13	Y/D	72	3020	2860 x 1500 x 1940
CPF 200-7	N/A	28300	999	200	160	7,5	Y/D	73	2830	2842 x 1610 x 1992
CPF 200-8	N/A	27450	969	200	160	8	Y/D	73	2830	2843 x 1610 x 1992
CPF 200-10	N/A	24883	878	200	160	10	Y/D	73	2830	2844 x 1610 x 1992
CPF 200-13	N/A	20667	730	200	160	13	Y/D	73	2830	2845 x 1610 x 1992
CPF 270-7	N/A	35100	1239	270	200	7,5	Y/D	79	4670	3386 x 2120 x 2400
CPF 270-8	N/A	31500	1112	270	200	8,5	Y/D	79	4670	3386 x 2120 x 2400
CPF 270-10	N/A	29000	1024	270	200	10	Y/D	79	4670	3386 x 2120 x 2400
CPF 270-13	N/A	25600	904	270	200	13	Y/D	79	4670	3386 x 2120 x 2400
CPF 340-7	N/A	39000	1377	340	250	7,5	Y/D	79	4879	3386 x 2120 x 2400
CPF 340-8	N/A	37000	1306	340	250	8,5	Y/D	79	4879	3386 x 2120 x 2400
CPF 340-10	N/A	34100	1204	340	250	10	Y/D	79	4879	3386 x 2120 x 2400
CPG 380-8	N/A	49560	1749	380	280	8	Y/D	78	6564	4450 x 2140 x 2250
CPG 380-10	N/A	43260	1527	380	280	10	Y/D	77	6564	4450 x 2140 x 2250
CPG 450-8	N/A	55340	1954	450	315	8	Y/D	80	6698	4450 x 2140 x 2250
CPG 450-10	N/A	49455	1746	450	315	10	Y/D	78	6698	4450 x 2140 x 2250
CPG 450-13	N/A	43050	1520	450	315	13	Y/D	77	6698	4450 x 2140 x 2250
CPG 480-10	N/A	55125	1946	480	355	10	Y/D	80	6706	4450 x 2140 x 2250
CPG 480-13	N/A	49245	1738	480	355	13	Y/D	78	6706	4450 x 2140 x 2250

CPF (270-340) 50 Hertz

Type	Liters	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
CPF 270-7	N/A	35538	1256	270	200	7	77	4710	3386 x 2120 x 2400
CPF 270-8	N/A	32706	1155	270	200	8	77	4710	3386 x 2120 x 2400
CPF 270-10	N/A	30756	1087	270	200	9,5	77	4710	3386 x 2120 x 2400
CPF 270-13	N/A	26178	925	270	200	12,5	77	4710	3386 x 2120 x 2400
CPF 340-7	N/A	40836	1443	340	250	7	78	4780	3386 x 2120 x 2400
CPF 340-8	N/A	40008	1414	340	250	8	78	4780	3386 x 2120 x 2400
CPF 340-10	N/A	37566	1327	340	250	9,5	78	4780	3386 x 2120 x 2400

* For the partnumbers please contact your local customer center/representative

* Compressed air output diameter (acc DIN 2633): DN100/PN16

CPF (270-340) 60 Hertz

Type	Liters	l/min	cfm	HP	kW	psi	dB(A)	kg	L x W x H (mm)
CPF 270-7	N/A	35130	1241	270	200	100	79	4670	3386 x 2120 x 2400
CPF 270-8	N/A	31494	1113	270	200	115	79	4670	3386 x 2120 x 2400
CPF 270-10	N/A	28986	1024	270	200	140	79	4670	3386 x 2120 x 2400
CPF 270-13	N/A	25602	905	270	200	180	79	4670	3386 x 2120 x 2400
CPF 340-7	N/A	38988	1377	340	250	100	79	4879	3386 x 2120 x 2400
CPF 340-8	N/A	36990	1307	340	250	115	79	4879	3386 x 2120 x 2400
CPF 340-10	N/A	34110	1205	340	250	140	79	4879	3386 x 2120 x 2400

* For the partnumbers please contact your local customer center/representative

* Compressed air output diameter (acc DIN 2633): DN100/PN16

CPVR below 30 kW

Part number	Type	l/min	cfm	HP	kW	Bar	Volt/Hz	dB(A)	kg	L x W x H (mm)
Base mounted + Inverter 400/3/50										
4152011072	CPVR 10/6-13	1083	38	10	7,5	6-12,5	400/50	73	291	1095 x 642 x 1220
4152011073	CPVR 15/6-13	1559	55	15	11,0	6-12,5	400/50	73	311	1095 x 642 x 1220
Tank mounted 270L + Inverter + Dryer 400/3/50										
4152011074	CPVR 10/6-13	1083	38	10	7,5	6-12,5	400/50	73	386	1150 x 642 x 1837
4152011075	CPVR 15/6-13	1559	55	15	11,0	6-12,5	400/50	73	406	1150 x 642 x 1837
Tank mounted 500L + Inverter + Dryer 400/3/50										
4152011076	CPVR 10/6-13	1083	38	10	7,5	6-12,5	400/50	73	471	1935 x 642 x 1839
4152011077	CPVR 15/6-13	1559	55	15	11,0	6-12,5	400/50	73	491	1935 x 642 x 1839

CPVR below 30 kW

Part number	Type	l/min	cfm	HP	kW	Bar	Volt/Hz	dB(A)	kg	L x W x H (mm)
Base mounted + Inverter 440/3/60										
4152011294	CPVR 10/6-13	890	31	10	7,5	6-12,5	440/60	73	291	1095 x 642 x 1220
4152011295	CPVR 15/6-13	1200	42	15	11	6-12,5	440/60	73	311	1095 x 642 x 1220
Tank mounted 270L + Inverter + Dryer 440/3/60										
4152011296	CPVR 10/6-13	890	31	10	7,5	6-12,5	440/60	73	386	1150 x 642 x 1837
4152011297	CPVR 15/6-13	1200	42	15	11	6-12,5	440/60	73	406	1150 x 642 x 1837
Tank mounted 500L + Inverter + Dryer 440/3/60										
4152011298	CPVR 10/6-13	890	31	10	7,5	6-12,5	440/60	73	471	1935 x 642 x 1839
4152011299	CPVR 15/6-13	1200	42	15	11	6-12,5	440/60	73	491	1935 x 642 x 1839

CPVS below 30 kW

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
Base mounted + Inverter									
4152006918	CPVS 20/8 400/50	660	23	20	15	5,5 - 9,5	69	394	1204 x 805 x 1220
4152006940	CPVS 20/8 440/60	2520	89	20	15		69	394	1204 x 805 x 1220
4152006919	CPVS 20/10 400/50	470	17	20	15	7,5-12,5	69	394	1204 x 805 x 1220
4152006941	CPVS 20/10 440/60	2210	78	20	15		69	394	1204 x 805 x 1220
4152006920	CPVS 25/8 400/50	880	31	25	18,5	5,5 - 9,5	72	403	1204 x 805 x 1220
4152006942	CPVS 25/8 440/60	3170	112	25	18,5		72	403	1204 x 805 x 1220
4152006921	CPVS 25/10 400/50	670	24	25	18,5	7,5-12,5	72	403	1204 x 805 x 1220
4152006943	CPVS 25/10 440/60	2730	96	25	18,5		72	403	1204 x 805 x 1220
4152006922	CPVS 30/8 400/50	1020	36	30	22	5,5 - 9,5	74	419	1204 x 805 x 1220
4152006944	CPVS 30/8 440/60	3690	130	30	22		74	419	1204 x 805 x 1220
4152006923	CPVS 30/10 400/50	850	30	30	22	7,5-12,5	74	419	1204 x 805 x 1220
4152006945	CPVS 30/10 440/60	3240	114	30	22		74	419	1204 x 805 x 1220
4152006924	CPVS 40/8 400/50	1240	44	40	30	5,5 - 9,5	77	447	1204 x 805 x 1220
4152006946	CPVS 40/8 440/60	4170	147	40	30		77	447	1204 x 805 x 1220
4152006925	CPVS 40/10 400/50	980	35	40	30	7,5-12,5	77	447	1204 x 805 x 1220
4152006947	CPVS 40/10 440/60	3640	128	40	30		77	447	1204 x 805 x 1220

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
Base mounted + Inverter + Dryer									
4152006926	CPVS 20/8 D 400/50	660	23	20	15	5,5 - 9,5	69	467	1659 x 805 x 1220
4152006948	CPVS 20/8 D 440/60	2520	89	20	15		69	467	1659 x 805 x 1220
4152006927	CPVS 20/10 D 400/50	470	17	20	15	7,5-12,5	69	467	1659 x 805 x 1220
4152006949	CPVS 20/10 D 440/60	2210	78	20	15		69	467	1659 x 805 x 1220
4152006928	CPVS 25/8 D 400/50	880	31	25	18,5	5,5 - 9,5	72	476	1659 x 805 x 1220
4152006950	CPVS 25/8 D 440/60	3170	112	25	18,5		72	476	1659 x 805 x 1220
4152006929	CPVS 25/10 D 400/50	670	24	25	18,5	7,5-12,5	72	476	1659 x 805 x 1220
4152006951	CPVS 25/10 D 440/60	2730	96	25	18,5		72	476	1659 x 805 x 1220
4152006930	CPVS 30/8 D 400/50	1020	36	30	22	5,5 - 9,5	74	492	1659 x 805 x 1220
4152006952	CPVS 30/8 D 440/60	3690	130	30	22	5,5 - 9,5	74	492	1659 x 805 x 1220
4152006931	CPVS 30/10 D 400/50	850	30	30	22	7,5-12,5	74	492	1659 x 805 x 1220
4152006953	CPVS 30/10 D 440/60	3240	114	30	22		74	492	1659 x 805 x 1220
4152006932	CPVS 40/8 D 400/50	1240	44	40	30	5,5 - 9,5	77	520	1659 x 805 x 1220
4152006954	CPVS 40/8 D 440/60	4170	147	40	30		77	520	1659 x 805 x 1220
4152006933	CPVS 40/10 D 400/50	980	35	40	30	7,5-12,5	77	520	1659 x 805 x 1220
4152006955	CPVS 40/10 D 440/60	3640	128	40	30		77	520	1659 x 805 x 1220

Part number	Type	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
Tank mounted 500L + Inverter + Dryer									
4152006934	CPVS 20/8 D 500L 400/50	660	23	20	15	5,5 - 9,5	69	657	1939 x 805 x 1841
4152006956	CPVS 20/8 D 500L 440/60	2520	89	20	15		69	657	1939 x 805 x 1841
4152006935	CPVS 20/10 D 500L 400/50	470	17	20	15	7,5-12,5	69	657	1939 x 805 x 1841
4152006957	CPVS 20/10 D 500L 440/60	2210	78	20	15		69	657	1939 x 805 x 1841
4152006936	CPVS 25/8 D 500L 400/50	880	31	25	18,5	5,5 - 9,5	72	666	1939 x 805 x 1841
4152006958	CPVS 25/8 D 500L 440/60	3170	112	25	18,5		72	666	1939 x 805 x 1841
4152006937	CPVS 25/10 D 500L 400/50	670	24	25	18,5	7,5-12,5	72	666	1939 x 805 x 1841
4152006959	CPVS 25/10 D 500L 440/60	2730	96	25	18,5		72	666	1939 x 805 x 1841
4152006938	CPVS 30/8 D 500L 400/50	1020	36	30	22	5,5 - 9,5	74	682	1939 x 805 x 1841
4152006960	CPVS 30/8 D 500L 440/60	3690	130	30	22		74	682	1939 x 805 x 1841
4152006939	CPVS 30/10 D 500L 400/50	850	30	30	22	7,5-12,5	74	682	1939 x 805 x 1841
4152006961	CPVS 30/10 D 500L 440/60	3240	114	30	22		74	682	1939 x 805 x 1841

CPVS (30-90) 50 Hertz

Type	m³/h	l/min	cfm	HP	kW	Bar	dB(A)	kg	L x W x H (mm)
Base mounted 400/3/50 + Inverter									
CPVS 40	326	5460	192	40	30	7	69	810	1420x1060x1630
	275	4560	162	40	30	9,5			
	267	4440	157	40	30	10			
CPVS 50	402	6720	236	50	37	7	71	890	1420x1060x1630
	347	5760	204	50	37	9,5			
	336	5580	198	50	37	10			
CPVS 60	470	7860	277	60	45	7	72	895	1420x1060x1630
	419	6960	247	60	45	9,5			
	406	6780	239	60	45	10			
CPVS 75	577	9600	340	75	55	7	72	1170	1660x1060x1630
	504	8400	297	75	55	9,5			
	489	8160	288	75	55	10			
CPVS 95	751	12540	442	100	75	7	75	1357	1660x1060x1630
	643	10740	379	100	75	9,5			
	624	10380	367	100	75	10			
CPVS 100	856	14280	504	100	75	7	72	1610	1860x1060x1630
	720	12000	424	100	75	9,5			
	698	11640	411	100	75	10			
CPVS 125	944	15720	556	125	90	7	74	1640	1860x1060x1630
	854	14220	503	125	90	9,5			
	828	13800	488	125	90	10			

CPVS (30-90) 60 Hertz

Type	m³/h	l/min	cfm	HP	kW	Psi	dB(A) silenced	kg	L x W x H (mm)
Base mounted 460/3/60 + Inverter									
CPVS 40	320	5340	188	40	30	100	69	810	1420x1060x1630
	275	4560	162	40	30	140			
	270	4440	159	40	30	145			
	267	4450	157	40	30	150			
CPVS 50	396	6600	233	50	37	100	71	890	1420x1060x1630
	347	5760	204	50	37	140			
	336	5580	198	50	37	145			
	334	5567	197	50	37	150			
CPVS 60	461	7680	272	60	45	100	72	895	1420x1060x1630
	419	6960	247	60	45	140			
	406	6780	239	60	45	145			
	400	6667	236	60	45	150			
CPVS 75	594	9900	350	75	55	100	72	1170	1660x1060x1630
	504	8400	297	75	55	140			
	489	8160	288	75	55	145			
	482	8160	284	75	55	150			
CPVS 95	752	12540	443	100	75	100	75	1357	1660x1060x1630
	643	10740	379	100	75	140			
	624	10380	368	100	75	145			
	610	8160	359	100	75	150			
CPVS 100	835	13920	492	100	75	100	72	1610	1860x1060x1630
	746	12433	439	100	75	140			
	720	12000	424	100	75	145			
	719	11983	423	100	75	150			

CPVS (30-90) 60 Hertz

Type	m³/h	l/min	cfm	HP	kW	Psi	dB(A) silenced	kg	L x W x H (mm)
Base mounted 460/3/60 + Inverter									
CPVS 125	954	15900	562	125	90	100	74	1640	1860x1060x1630
	854	14220	503	125	90	140			
	828	13800	488	125	90	145			
	809	13483	477	125	90	150			

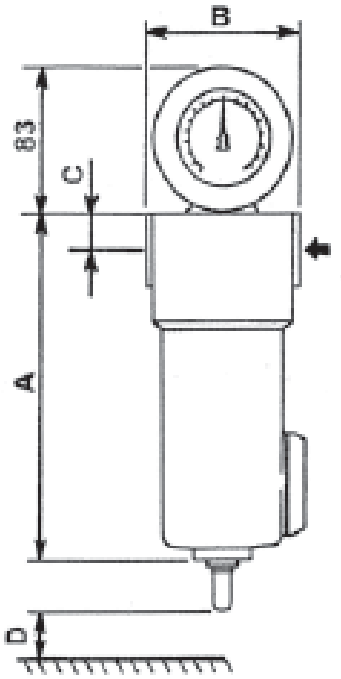
CPVS above 90

Type	Liters	l/min	cfm	HP	kW	Bar	Start	dB(A)	kg	L x W x H (mm)
CPVS 150-10	N/A	19057	673	150	110	7	VS	75	1860	2160x1060x1600
CPVS 150-10	N/A	16990	600	150	110	9,5	VS	75	1860	2160x1060x1600
CPVS 150-13	N/A	15036	531	150	110	7	VS	75	1860	2160x1060x1600
CPVS 150-13	N/A	14951	528	150	110	9,5	VS	75	1860	2160x1060x1600
CPVS 150-13	N/A	14725	520	150	110	12,5	VS	75	1860	2160x1060x1600
CPVS 175-10	N/A	24258	872	180	132	7	VS	75	2509	2860x1610x1940
CPVS 175-10	N/A	20412	798	180	132	9,5	VS	75	2509	2860x1610x1940
CPVS 175-13	N/A	20970	758	180	132	7	VS	75	2509	2860x1610x1940
CPVS 175-13	N/A	20412	724	180	132	9,5	VS	75	2509	2860x1610x1940
CPVS 175-13	N/A	19632	694	180	132	12,5	VS	75	2509	2860x1610x1940
CPVS 250-10	N/A	30466	1075	220	160	6	VS	73	3550	2924 x 1610 x 1992
CPVS 250-10	N/A	30333	1071	220	160	7	VS	73	3550	2924 x 1610 x 1992
CPVS 250-10	N/A	26917	950	220	160	9,5	VS	73	3550	2924 x 1610 x 1992
CPVS 250-13	N/A	22682	801	220	160	7	VS	73	3550	2924 x 1610 x 1992
CPVS 250-13	N/A	22427	792	220	160	9,5	VS	73	3550	2924 x 1610 x 1992
CPVS 250-13	N/A	21917	774	220	160	12,5	VS	73	3550	2924 x 1610 x 1992

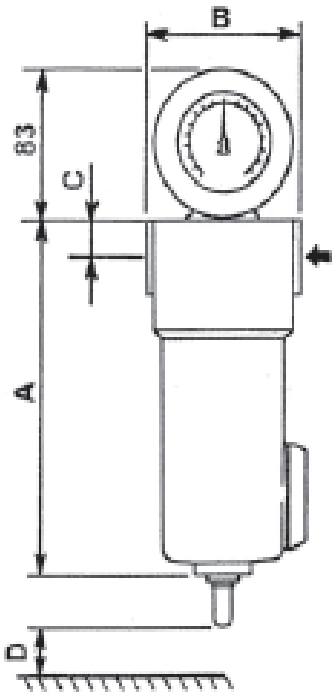
* For the partnumbers please contact your local customer center/representative

* For the voltages, please contact your local customer center/representative

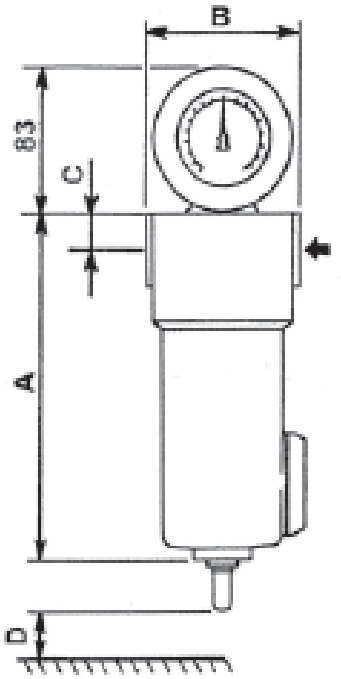
Part number	Type	l/min	cfm	m³/h	Bar	PSI	kg	AxBxCxD (mm)
8102824581	AIR FILTER CPFM 60 G	1000	35	60	16	232	0,7	187/88/20/60
8102824599	AIR FILTER CPFS 60 G	1000	35	60	16	232	0,7	187/88/20/60
8102824607	AIR FILTER CPFA 60 G	1000	35	60	16	232	0,7	187/88/20/60
8102824615	AIR FILTER CPFD 60 G	1000	35	60	16	232	0,7	187/88/20/60
8102824623	AIR FILTER CPFP 60 G	1000	35	60	16	232	0,7	187/88/20/60
8102824631	AIR FILTER CPFM 80 G	1300	46	78	16	232	0,7	187/88/20/60
8102824649	AIR FILTER CPFS 80 G	1300	46	78	16	232	0,7	187/88/20/60
8102824656	AIR FILTER CPFA 80 G	1300	46	78	16	232	0,7	187/88/20/60
8102824664	AIR FILTER CPFD 80 G	1300	46	78	16	232	0,7	187/88/20/60
8102824672	AIR FILTER CPFP 80 G	1300	46	78	16	232	0,7	187/88/20/60
8102824680	AIR FILTER CPFM 120 G	2000	71	120	16	232	0,8	257/88/20/60
8102824698	AIR FILTER CPFS 120 G	2000	71	120	16	232	0,8	257/88/20/60
8102824706	AIR FILTER CPFA 120 G	2000	71	120	16	232	0,8	257/88/20/60
8102824714	AIR FILTER CPFD 120 G	2000	71	120	16	232	0,8	257/88/20/60
8102824722	AIR FILTER CPFP 120 G	2000	71	120	16	232	0,8	257/88/20/60
8102824730	AIR FILTER CPFM 200 G	3300	117	198	16	232	1,8	263/125/32/100
8102824748	AIR FILTER CPFS 200 G	3300	117	198	16	232	1,8	263/125/32/100
8102824755	AIR FILTER CPFA 200 G	3300	117	198	16	232	1,8	263/125/32/100
8102824763	AIR FILTER CPFD 200 G	3300	117	198	16	232	1,8	263/125/32/100
8102824771	AIR FILTER CPFP 200 G	3300	117	198	16	232	1,8	263/125/32/100
8102824789	AIR FILTER CPFM 340 G	5580	197	335	16	232	2,5	363/125/32/120
8102824797	AIR FILTER CPFS 340 G	5580	197	335	16	232	2,5	363/125/32/120
8102824805	AIR FILTER CPFA 340 G	5580	197	335	16	232	2,5	363/125/32/120
8102824813	AIR FILTER CPFD 340 G	5580	197	335	16	232	2,5	363/125/32/120
8102824821	AIR FILTER CPFP 340 G	5580	197	335	16	232	2,5	363/125/32/120



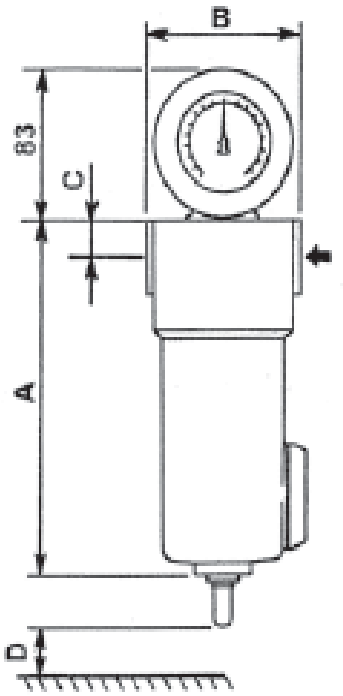
Part number	Type	l/min	cfm	m³/h	Bar	dB(A)	kg	L x W x H (mm)
8102824839	AIR FILTER CPFM 510 G	8500	300	510	16	232	2,5	461/125/32/140
8102824847	AIR FILTER CPFS 510 G	8500	300	510	16	232	2,5	461/125/32/140
8102824854	AIR FILTER CPFA 510 G	8500	300	510	16	232	2,5	461/125/32/140
8102824862	AIR FILTER CPFD 510 G	8500	300	510	16	232	2,5	461/125/32/140
8102824870	AIR FILTER CPFP 510 G	8500	300	510	16	232	2,5	461/125/32/140
8102824888	AIR FILTER CPFM 800 G	13000	459	780	16	232	3,2	640/125/32/160
8102824896	AIR FILTER CPFS 800 G	13000	459	780	16	232	3,2	640/125/32/160
8102824904	AIR FILTER CPFA 800 G	13000	459	780	16	232	3,2	640/125/32/160
8102824912	AIR FILTER CPFD 800 G	13000	459	780	16	232	3,2	640/125/32/160
8102824920	AIR FILTER CPFP 800 G	13000	459	780	16	232	3,2	640/125/32/160
8102824938	AIR FILTER CPFM 1000 G	16600	586	996	16	232	5,1	684/163/42/520
8102824946	AIR FILTER CPFS 1000 G	16600	586	996	16	232	5,1	684/163/42/520
8102824953	AIR FILTER CPFA 1000 G	16600	586	996	16	232	5,1	684/163/42/520
8102824961	AIR FILTER CPFD 1000 G	16600	586	996	16	232	5,1	684/163/42/520
8102824979	AIR FILTER CPFP 1000 G	16600	586	996	16	232	5,1	684/163/42/520
8102824987	AIR FILTER CPFM 1500 G	25000	883	1500	16	232	7,1	935/163/42/770
8102824995	AIR FILTER CPFS 1500 G	25000	883	1500	16	232	7,1	935/163/42/770
8102825000	AIR FILTER CPFA 1500 G	25000	883	1500	16	232	7,1	935/163/42/770
8102825018	AIR FILTER CPFD 1500 G	25000	883	1500	16	232	7,1	935/163/42/770
8102825026	AIR FILTER CPFP 1500 G	25000	883	1500	16	232	7,1	935/163/42/770
8102825034	AIR FILTER CPFM 2400 G	40000	1413	2400	16	232	14	1000/240/58/780
8102825042	AIR FILTER CPFS 2400 G	40000	1413	2400	16	232	14	1000/240/58/780
8102825059	AIR FILTER CPFA 2400 G	40000	1413	2400	16	232	14	1000/240/58/780
8102825067	AIR FILTER CPFD 2400 G	40000	1413	2400	16	232	14	1000/240/58/780
8102825075	AIR FILTER CPFP 2400 G	40000	1413	2400	16	232	14	1000/240/58/780



Part number	Type	l/min	cfm	m³/h	Bar	dB(A)	kg	AxBxCxD (mm)
8102820829	AIR FILTER CPFM 35 NPT	1000	35	60	16	232	0,7	187/88/20/60
8102820837	AIR FILTER CPFS 35 NPT	1000	35	60	16	232	0,7	187/88/20/60
8102820845	AIR FILTER CPFA 35 NPT	1000	35	60	16	232	0,7	187/88/20/60
8102820852	AIR FILTER CPFD 35 NPT	1000	35	60	16	232	0,7	187/88/20/60
8102820860	AIR FILTER CPFP 35 NPT	1000	35	60	16	232	0,7	187/88/20/60
8102820878	AIR FILTER CPFM 47 NPT	1300	46	78	16	232	0,7	187/88/20/60
8102820886	AIR FILTER CPFS 47 NPT	1300	46	78	16	232	0,7	187/88/20/60
8102820894	AIR FILTER CPFA 47 NPT	1300	46	78	16	232	0,7	187/88/20/60
8102820902	AIR FILTER CPFD 47 NPT	1300	46	78	16	232	0,7	187/88/20/60
8102820910	AIR FILTER CPFP 47 NPT	1300	46	78	16	232	0,7	187/88/20/60
8102820928	AIR FILTER CPFM 71 NPT	2000	71	120	16	232	0,8	257/88/20/60
8102820936	AIR FILTER CPFS 71 NPT	2000	71	120	16	232	0,8	257/88/20/60
8102820944	AIR FILTER CPFA 71 NPT	2000	71	120	16	232	0,8	257/88/20/60
8102820951	AIR FILTER CPFD 71 NPT	2000	71	120	16	232	0,8	257/88/20/60
8102820969	AIR FILTER CPFP 71 NPT	2000	71	120	16	232	0,8	257/88/20/60
8102820977	AIR FILTER CPFM 118 NPT	3300	117	198	16	232	1,8	263/125/32/100
8102820985	AIR FILTER CPFS 118 NPT	3300	117	198	16	232	1,8	263/125/32/100
8102820993	AIR FILTER CPFA 118 NPT	3300	117	198	16	232	1,8	263/125/32/100
8102821967	AIR FILTER CPFD 118 NPT	3300	117	198	16	232	1,8	263/125/32/100
8102821975	AIR FILTER CPFP 118 NPT	3300	117	198	16	232	1,8	263/125/32/100
8102821983	AIR FILTER CPFM 200 NPT	5580	197	335	16	232	2,5	363/125/32/120
8102821991	AIR FILTER CPFS 200 NPT	5580	197	335	16	232	2,5	363/125/32/120
8102824300	AIR FILTER CPFA 200 NPT	5580	197	335	16	232	2,5	363/125/32/120
8102824318	AIR FILTER CPFD 200 NPT	5580	197	335	16	232	2,5	363/125/32/120
8102824326	AIR FILTER CPFP 200 NPT	5580	197	335	16	232	2,5	363/125/32/120



Part number	Type	l/min	cfm	m³/h	Bar	dB(A)	kg	L x W x H (mm)
8102824334	AIR FILTER CPFM 300 NPT	8500	300	510	16	232	2,5	461/125/32/140
8102824342	AIR FILTER CPFS 300 NPT	8500	300	510	16	232	2,5	461/125/32/140
8102824359	AIR FILTER CPFA 300 NPT	8500	300	510	16	232	2,5	461/125/32/140
8102824367	AIR FILTER CPFD 300 NPT	8500	300	510	16	232	2,5	461/125/32/140
8102824375	AIR FILTER CPFP 300 NPT	8500	300	510	16	232	2,5	461/125/32/140
8102824383	AIR FILTER CPFM 471 NPT	13000	459	780	16	232	3,2	640/125/32/160
8102824391	AIR FILTER CPFS 471 NPT	13000	459	780	16	232	3,2	640/125/32/160
8102824409	AIR FILTER CPFA 471 NPT	13000	459	780	16	232	3,2	640/125/32/160
8102824417	AIR FILTER CPFD 471 NPT	13000	459	780	16	232	3,2	640/125/32/160
8102824425	AIR FILTER CPFP 471 NPT	13000	459	780	16	232	3,2	640/125/32/160
8102824433	AIR FILTER CPFM 589 NPT	16600	586	996	16	232	5,1	684/163/42/520
8102824441	AIR FILTER CPFS 589 NPT	16600	586	996	16	232	5,1	684/163/42/520
8102824458	AIR FILTER CPFA 589 NPT	16600	586	996	16	232	5,1	684/163/42/520
8102824466	AIR FILTER CPFD 589 NPT	16600	586	996	16	232	5,1	684/163/42/520
8102824474	AIR FILTER CPFP 589 NPT	16600	586	996	16	232	5,1	684/163/42/520
8102824482	AIR FILTER CPFM 883 NPT	25000	883	1500	16	232	7,1	935/163/42/770
8102824490	AIR FILTER CPFS 883 NPT	25000	883	1500	16	232	7,1	935/163/42/770
8102824508	AIR FILTER CPFA 883 NPT	25000	883	1500	16	232	7,1	935/163/42/770
8102824516	AIR FILTER CPFD 883 NPT	25000	883	1500	16	232	7,1	935/163/42/770
8102824524	AIR FILTER CPFP 883 NPT	25000	883	1500	16	232	7,1	935/163/42/770
8102824532	AIR FILTER CPFM 1413 NPT	40000	1413	2400	16	232	14	1000/240/58/780
8102824540	AIR FILTER CPFS 1413 NPT	40000	1413	2400	16	232	14	1000/240/58/780
8102824557	AIR FILTER CPFA 1413 NPT	40000	1413	2400	16	232	14	1000/240/58/780
8102824565	AIR FILTER CPFD 1413 NPT	40000	1413	2400	16	232	14	1000/240/58/780
8102824573	AIR FILTER CPFP 1413 NPT	40000	1413	2400	16	232	14	1000/240/58/780



Filtration features							
Series	Filtration (1)	Efficiency	Residual oil	Loss of initial load		Class ISO 8573-1 (2)	
	(µm)	%	(mg/m³)	mbar	psi	Dust	Oil
CPFM	0,1	99,9	0,1	80	1,16	1	2
CPFS	0,01	99,9999	0,01	90	1,3	<1	1
CPFA	-	-	0,005	120	1,74	-	<1
CPFD	1	99,9	-	40	0,58	3	-
CPFP	3	99,9	-	80	1,16	2	-

(1) Reference conditions: Pressure 7bar (102 psi); Temperature 20°C

(2) The ISO class referred to water is not according to the filter features

Correction factor of the flow rate when the working pressure changes															
Working pressure (bar)	2	3	4	5	6	**7**	8	9	10	11	12	13	14	15	16
Working pressure (psi)	29	44	58	73	87	**102**	116	131	145	160	174	189	203	218	232
Correction factor	0,38	0,52	0,63	0,75	0,88	**1**	1,13	1,26	1,38	1,52	1,65	1,76	1,87	2	2,14

The new flow rate value can be obtained by dividing the real air flow rate by the correction factor related to the working pressure.

Part number	Type	Treatment capacity in installation with dryer (m³/h & cfm)															
		Cold climate						Temperate climate						Hot climate			
Relative humidity		60%						60%						70%			
Ambient temperature (°C)		5		10		15		20		25		30		35		40	
		m³/h	cfm	m³/h	cfm	m³/h	cfm	m³/h	cfm	m³/h	cfm	m³/h	cfm	m³/h	cfm	m³/h	cfm
8102045088	CPP 40	494	291	336	198	237	139	171	101	126	74	95	56	62	36	48	28
8102045096	CPP 100	1341	789	913	537	643	378	465	274	342	201	257	151	169	99	131	77
8102045104	CPP 150	2046	1204	1394	820	981	577	710	418	522	307	392	231	257	151	200	118
8102045112	CPP 360	5010	2949	3412	2008	2403	1414	1738	1023	1278	752	959	564	630	371	489	288
8102045120	CPP 615	8538	5025	5815	3423	4095	2410	2962	1743	2178	1282	1634	962	1074	632	833	490
8102045138	CPP 850	11642	6852	7930	4667	5584	3287	4039	2377	2970	1748	2228	1311	1464	862	1136	667
8102045146	CPP 1200	16652	9801	11342	6676	7986	4700	5777	3400	4248	2500	3186	1875	2094	1232	1625	956
8102045153	CPP 2430	33304	19601	22684	13351	15972	9401	11555	6801	8496	5001	6372	3750	4189	2466	3250	1913

Part number	Type	Treatment capacity in installation without dryer (m³/h & cfm)															
		Cold climate						Temperate climate						Hot climate			
Relative humidity		60%						60%						70%			
Ambient temperature (°C)		5		10		15		20		25		30		35		40	
		m³/h	cfm	m³/h	cfm	m³/h	cfm	m³/h	cfm	m³/h	cfm	m³/h	cfm	m³/h	cfm	m³/h	cfm
8102045088	CPP 40	635	374	433	255	305	180	220	129	162	95	122	72	80	47	62	36
8102045096	CPP 100	1665	980	1134	667	799	470	578	340	425	250	319	188	209	123	162	95
8102045104	CPP 150	2470	1454	1682	990	1184	697	857	504	630	371	473	278	311	183	241	142
8102045112	CPP 360	6139	3613	4181	2461	2944	1733	2130	1254	1566	922	1175	692	772	454	599	353
8102045120	CPP 615	10725	6312	7305	4300	5144	3028	3721	2190	2736	1610	2052	1208	1349	794	1047	616
8102045138	CPP 850	14394	8472	9804	5770	6903	4063	4994	2939	3672	2161	2754	1621	1810	1065	1405	827
8102045146	CPP 1200	20533	12085	13985	8231	9847	5796	7124	4193	5238	3083	3929	2313	2582	1520	2004	1180
8102045153	CPP 2430	41066	24171	27971	16463	19695	11592	14247	8385	10476	6166	7857	4624	5156	3035	4007	2358

Note: Capacity based on a residual oil content of 15mg/l

Service	hours	8		10			12	14		16			18	20			22	24
Rate		1,50		1,20			1,00	0,86		0,75			0,67	0,60			0,55	0,50
Relative humidity	%			20			30	40		50			60	70			80	90
Corrective factors				3,38			2,12	1,54		1,21			1,00	0,85			0,74	0,66
Oil content of 10mg/l		Multiply below capactiy by 2/3																
Condensate made of poly-glycol		Capacity is half																

Part number	Type	Dimension (mm)			Weight	Connections	
		a	b	c	kg	Inlet BSP/NPT	Outlet BSP/NPT
8102045088	CPP 40	470	165	600	4	1x1/2	1x1/2
8102045096	CPP 100	680	255	750	13	2x1/2	1x1/2
8102045104	CPP 150	680	255	750	15	2x1/2	1x1/2
8102045112	CPP 360	750	546	900	25	2x3/4	1x3/4
8102045120	CPP 615	750	546	1030	26	2x3/4	1x3/4
8102045138	CPP 850	945	650	1100	28	2x3/4	1x3/4
8102045146	CPP 1200	945	695	1100	30	2x3/4	1x3/4
8102045153	CPP 2430	945	1185	1100	60	2x3/4	1x1

Part number	Type	l/min	cfm	m³/h	Bar	dB(A)	kg	L x W x H (mm)	Refrigerant Gas
230/1/50									
4102001410	CPX 10(A0)	350	12,4	21	16	50	19	350 x 500 x 450	R134a
4102001411	CPX 20(A1)	600	21,2	36	16	50	19	350 x 500 x 450	R134a
4102001412	CPX 30(A2)	850	30	51	16	47	20	350 x 500 x 450	R134a
4102001413	CPX 40(A3)	1200	42,4	72	16	53	25	350 x 500 x 450	R134a
4102001414	CPX 60(A4)	1825	64,4	110	16	53	27	350 x 500 x 450	R134a
4102001451	CPX 80(A5)	2350	83	141	13	57	44	370 x 500 x 764	R404A
4102001452	CPX 100(A6)	3000	106	180	13	57	44	370 x 500 x 764	R404A
4102001453	CPX 125(A7)	3600	127	216	13	58	53	460 x 560 x 789	R404A
4102001454	CPX 150(A7,5)	4100	145	246	13	58	60	460 x 560 x 789	R404A
4102001455	CPX 180(A8)	5200	184	312	13	58	65	460 x 560 x 789	R404A
4102001456	CPX 225(A9)	6500	230	390	13	59	80	580 x 590 x 899	R404A
4102001457	CPX 270(A10)	7700	272	462	13	59	80	580 x 590 x 899	R404A
400/3/50									
4102001636	CPX 350(A11)	10000	353	600	13	60	128	735 x 898 x 962	R410A
4102001637	CPX 425(A12)	12000	424	720	13	67	146	735 x 898 x 962	R410A
4102001638	CPX 530(A13)	15000	530	900	13	67	158	735 x 898 x 962	R410A
4102001639	CPX 700(A14)	18000	636	1080	13	68	165	735 x 898 x 962	R410A
4102001245	CPX 850(A15)	24000	848	1440	13	70	325	1020 x 1082 x 1535	R404A
4102001246	CPX 1000(A16)	30000	1060	1800	13	71	335	1020 x 1082 x 1535	R404A
4102001247	CPX 1200(A17)	35000	1237	2100	13	71	350	1020 x 1082 x 1535	R404A
4102001248	CPX 1500(A17,5)	45000	1589	2700	13	71	380	1020 x 1082 x 1535	R404A
4102001249	CPX 1700(A18)	50000	1766	3000	13	74	550	1020 x 2099 x 1535	R404A
4102001250	CPX 2500(A19)	70000	2472	4200	13	74	600	1020 x 2099 x 1535	R404A
4102001307	CPX 3000(A20)	84000	2966	5040	13	74	650	1020 x 2099 x 1535	R404A

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