

# The 14 Highest CFM Air Compressors in 2024 + Buying Guide

---

 [linquip.com/blog/highest-cfm-air-compressors](https://linquip.com/blog/highest-cfm-air-compressors)

August 29, 2021

The highest CFM air compressors have sufficient power to do anything you want. In addition, they have constant cooling to reduce operating temperatures and are safe and fully compatible with OSHA. A high CFM (Cubic Feet per Minute) air compressor is created to have a high flow rate. They are suitable for professional applications such as in construction companies and auto shops.

If you need air compressor equipment for any application or requirement, Linquip can provide the information you need. You can contact us at Linquip with any questions or concerns related to air compressors. You can learn about air compressors at Linquip by viewing the article "[What Is Air Compressor?](#)".

Looking for Air Compressor Device & Equipment?  
Here at Linquip you have access to all of it for free

[Click HERE](#)

Do you need air compressor devices and equipment with the highest CFM ratings? With Linquip, you can browse a broad range of [Air Compressor Products](#) for free. You can also send inquiries to all [Air Compressor Suppliers and Companies](#) on Linquip and receive quotations for free if you are searching for air compressor equipment and device prices.

This article will introduce the ten highest CFM air compressors and a comprehensive guide for buyers. First, we review the types of compressors, the criteria for selecting the appropriate compressor and the CFM parameter.

## List of 14 Highest CFM Air Compressors in 2024

---

According to the factors that we will mention in this article, Here is the List of 14 Highest CFM Air Compressors in 2024:

1. **Makita MAC5200 3.0 HP Big Bore Air Compressor**
2. **DEWALT Air Compressor D55146**
3. **California Air Tools CAT-4620AC**
4. **Powermate Vx PLA4708065**
5. **DeWalt DXCMV5048055 Two-Stage Cast Iron Industrial Air Compressor**
6. **Ingersoll Rand SS5L5**

7. Sun Joe IONAIR-CT 1.6-Gallon Air Compressor
8. BOSTITCH Pancake Air Compressor BTFP02012
9. Makita MAC700 Electric Air Compressor
10. California Air Tools 10020C
11. DEWALT Pancake Air Compressor
12. PORTER-CABLE Oil-Free Air Compressor
13. Ingersoll Rand Two-Stage Electric Driven Air Compressor 2545E10-VP
14. Quincy QT-54 Splash Lubricated Reciprocating Air Compressor

## How We Selected Highest CFM Air Compressors in 2024

---

High CFM air compressors are created to have a high flow rate. They are suitable for professional applications such as those in construction companies and auto shops. Large-scale projects utilizing heavy-duty air tools need air compressors to generate massive airflow to support the tasks. So, when choosing a compressor for this type of job, the CFM rating is the most significant specification to be considered. There are many different types of air compressors that have various CFM values according to their utilization.

This article provides a comprehensive guide for buyers. First, it reviews the types of compressors, the criteria for selecting the appropriate compressor, and the CFM parameter. Then, it introduces the 14 highest CFM air compressors based on analyzing more than 15 webpages, reviews, and our experience. The article provides a list of the highest CFM air compressors, including their features, advantages, and disadvantages. It also provides a buying guide for the highest CFM air compressors, with specifications required for different applications.

**Energy Efficiency and Operating Costs:** In addition to the CFM values, we also evaluated the energy efficiency of each air compressor. Higher CFM compressors can consume significant amounts of energy, so selecting models that offer the best performance with the least energy consumption was crucial. This consideration helps in reducing the long-term operating costs, which is particularly important for businesses where air compressors are used extensively.

**Brand Reputation and After-Sales Service:** We gave special attention to the brand reputation and the quality of after-sales service provided by the manufacturers. Brands with a proven track record of reliability and excellent customer service were preferred. Good after-sales service ensures that any issues with the compressor can be resolved quickly, reducing downtime and potential losses in productivity. This factor is especially critical for high CFM air compressors used in commercial and industrial settings, where dependability is paramount.

## The Needs for an Air Compressor

---

Before picking an air compressor, you need to determine for what purpose you want to buy it. So, first, sort out your needs. Some basic questions are provided here, to start with:

Is the compressor used to power a pneumatic device or a piece of heavy machinery?

Is the compressor simply for household aims?

How much tank capacity is required?

How long will the compressor be used every day?

These questions are essential to clarify your needs.

## Different Types of Air Compressors

---

Compressors are of two main types: reciprocating compressors and rotary screw compressors. Most of the cases we have discussed here are reciprocating piston types. In this type, there is a piston moving up and down as well as a one-way valve on top of that. The working principle of a rotary screw compressor is different. They are designed for continuous performance and can operate consistently for up to several minutes.

Piston-type compressors are classified into single-stage and dual-stage. Single-stage compressors have a maximum pressure of 150 PSI, while dual-stage models can produce pressures much higher than 200 PSI. Do not confuse dual-piston compressors with two-stage compressors. To distinguish between these two classes, look at the piston size. The one that is remarkably smaller than the other is the dual-stage model.

Read [this link](#) to know more about the differences between single and double compressors.

Single-stage compressors are suitable for most pneumatic tools, spray guns, caulk guns, glue guns, inflating tires, etc. In contrast, dual-stage compressors operate better for industrial-grade work, including a combination of some of these tools with heavy-duty air tools.

## Important parameters in buying an air compressor

---

Depending on your needs, to buy an air compressor, you should consider some features, including the following items:

## ***CFM***

---

A CFM rating (cubic feet per minute) indicates how much air a compressor provides at a given pressure. If the air compressor has a higher CFM rating, it can produce more air. For example, a 5 CFM rating compressor means that five cubic feet of the air come out from that compressor in one minute.

Higher CFM makes the compressor suitable for large-scale operations.

## ***PSI***

---

PSI (pressure per square inch) varies depending on your needs, just similar to CFM. These two parameters make the system operate for you. All the pneumatic tools have a PSI rating. You need the air compressor rating to be more than the highest level tool.

## ***Noise***

---

The noise level of the compressor is measured in terms of Decibels (dB). In the following section, it will be seen that among the products introduced here, the least noise is generated by the industrial product.

## ***Housing***

---

The material from which the cylinders are built is significant in terms of safety in cases where the compressor overheats. The first choice is cast iron cylinders because they are durable and of the safest materials.

## ***Horsepower***

---

Horsepower (HP) determines the amount of output power of the compressor motor.

## ***Voltages***

---

In plug-in units, you look for either 110 or 240 current levels. However, many of the smaller portable units draw 12-volts from the car cigarette lighter port.

## ***Stages***

---

Air compressors are offered at various levels or stages. The more stages, the longer the running time in each session. Two-stage air compressors generally are associated with a high CFM rating.

## ***Tank Size***

---

The amount of air you need, depends on how continuous your work is. Actually, you can apply any size unless you need to run the compressor for hours at the same time without interruption.

### ***Cylinders Number***

---

The number of cylinders affects the performance of the unit and its operation time and costs. In general, more cylinder number leads to greater efficiency.

### ***Design Dependency on Oil***

---

An oil-dependent unit lasts longer times than the environmentally compliant, oil-free units. However, the oil-free units need less maintenance.

### ***Portability***

---

Depending on your needs, the portability of the compressor may be an advantage. The stationary air compressors use more voltage and power and are always electric-powered.

### ***Power Supply***

---

Whether in the garage, home shop, or an industrial environment, stationary units have to be plugged in. However, portable air compressors can be supplied by gasoline or plugged into a car cigarette lighter port and a wall outlet or car outlet.

### ***Other Optional Features***

---

These features include pressure gauges, pre-sets, auto shut-off, heat reduction systems, and drainage valves.

<b>TABLE 1: BASIC DEMAND PROFILE CHART</b>						
OPERATION	PRESSURE (PSIG)	CONTINUOUS	AVERAGE	PEAK	CYCLE TIME	
		(DEMAND IN CFM)			ON	OFF
Air Hoists	80	N/A	16.6	200	5 min	55 min
Open, Handheld Blow Guns	90	100	100	100	N/A	N/A
Vacuum Generation (venturi cups)	80	100	100	100	Production	Non-production
Automated Assembly	80	200	200	200	Non-production	Non-production
Miscellaneous Uses	70	N/A	160	200	N/A	N/A
Large Pneumatic Clamps (10 min each hr)	85	N/A	16.6	200	10 sec	10 sec
Pneumatic Actuators	80	50	50	100	Production	Production
Air Leaks	80	300	300	300	N/A	N/A
<b>TOTAL</b>	—	<b>750</b>	<b>943</b>	<b>1,400</b>	—	—

Specifications required for different applications (Reference: [airbestpractices.com](http://airbestpractices.com))

## Buying Guide for the Highest CFM Air Compressors

Large-scale works utilizing heavy-duty air tools need air compressors to generate massive airflow to support the tasks. So, when choosing a compressor for this type of job, the CFM rating is the most significant specification to be considered.

To choose an air compressor, it is enough to know that 4 CFM at 100 PSI is a suitable rating. There are many different types of air compressors that have various CFM values according to their utilization. You also should know that most air tools need 90 PSI, so the CFM corresponding to this pressure amount must be selected. Generally, 90 PSI gives you 3-4 CFM.

Low-powered Compressors usually produce a maximum of 0.5 CFM, and high-powered units provide 8 to 10 CFM.

Different air tools operate with different levels of CFM. For example, a general ½” impact wrench needs about 5 CFM to work. However, a framing nailer works with 2.2 CFM. Also, running tools such as a pneumatic stapler require only 0.3 CFM.

The important point is that a higher CFM does not necessarily mean a better compressor; the right amount of CFM is determined by your needs. For example, if you want to purchase a compressor to inflate a tire, you should know that high CFM units are probably not worth it.

The PSI and the CFM tell us how much air is available and how much is moving. In fact, the CFM is the amount of air flow, and PSI is the amount of resistance there is to the flow.

## **Highest CFM Air Compressors Reviews**

---

A list of the highest CFM air compressors, including their features, advantages, and disadvantages, is provided below.

### **1. Makita MAC5200 3.0 HP Big Bore Air Compressor**

---







Makita MAC5200 3.0 HP Big Bore Air Compressor (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • Noise-free (below 90 dB)
- • High-quality motor
- • Portable
- • Accommodating two air guns at once

### Cons

- Expensive

## Specifications

---

<b>Power Supply</b>	Corded electric
<b>Dimensions</b>	29 x 19.5 x 19 inches
<b>Capacity</b>	5.2 gallons
<b>Horsepower</b>	3
<b>Air flow capacity</b>	6.5 CFM at 90 PSI and 6.9 CFM at 40 PSI
<b>Maximum air pressure</b>	140
<b>Weight</b>	75 lbs
<b>Warranty</b>	One-year

## General Description

---

Makita MAC5200 Big Bore 3.0 HP Air Compressor has a cylinder made of cast iron that reduces wear and increases the pump lifespan. Its piston is designed to provide quicker recovery time for improved operation. The pump is oil-lubricated to conduct the cooling and reduce wear. It is equipped with convenient oil drainage at the pump front for easy access. This compressor is an excellent choice for heavy-duty and medium-scale applications.

## 2. DEWALT Air Compressor D55146

---



DEWALT Air Compressor D55146 (Reference: [amazon.com](https://www.amazon.com))

### Pros & Cons

---

#### Pros

- • Low noise
- • Portable
- • Robust motor
- • Versatile
- • High CFM

#### Cons

- Hard for moisture to go out

### Specifications

---

<b>Dimensions</b>	33.5 x 23 x 15 inches
<b>Capacity</b>	4.5 gallons
<b>Horsepower</b>	1.8
<b>Air flow capacity</b>	5 CFM at 90 PSI
<b>Maximum air pressure</b>	225
<b>Weight</b>	80 lbs
<b>Warranty</b>	One-year

---

### **General Description**

One of the best specifications of the DEWALT Air Compressor is its compactness. The small size of this compressor does not mean its CFM is low. However, the vertical stand and collapsible handle save space by placing the compressor upright. With a 4.5-gallon tank, it can produce a pressure of 225 PSI, which allows more versatility of running more air devices in your workshop. Its operational noise level is 78 dB that leads to a quieter work environment.

### **3. California Air Tools CAT-4620AC**

---



California Air Tools CAT-4620AC (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • Durable pump
- • Low power consumption
- • Very quiet
- • Versatile

### Cons

- • Bulky
- • No wheels

## Specifications

---

<b>Power Source</b>	Electric
<b>Dimensions</b>	<b>19.1 x 16.7 x 19.7 inches</b>
<b>Capacity</b>	4 gallons
<b>Horsepower</b>	2 HP (Rated/Running)
<b>Air flow capacity</b>	5.3 CFM at 90 PSI
<b>Maximum air pressure</b>	125
<b>Weight</b>	67.2 lbs
<b>Warranty</b>	One-year limited warranty

## General Description

---

The CAT-4620AC Air Compressor is a great product with 2 HP motor power and a current draw of lower than 14 amps. This motor runs a large oil-free pump; Therefore, less maintenance is required. Its operational capability is 3,000 hours. At 90 PSI, the compressor provides an air volume of 5.3 CFM, which is excellent for connecting more than two air devices. The CAT-4620AC model works with noise lower than 70 dB. So, this air machine is considered an ultra-quiet one.

## 4. Powermate Vx PLA4708065

---



**Powermate**  
**80 155 4.7**  
GALLON MAX PSI RHP  
CAST IRON • OIL LUBRICATED  
16.1 CFM @ 40 PSI • 14.0 CFM @ 90 PSI  
240 VOLT

Powermate Vx PLA4708065 80-Gallon Electric Air Compressor (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • Heavy-duty motor
- • Very high CFM up to 14
- • The tank capacity of 80 gallons
- • Extremely durable body
- • Smooth workflow without jamming

### Cons

- No power cord included

## Specifications

---

<b>Power Supply</b>	Corded electric
<b>Dimensions</b>	31.5 x 34.75 x 77 inches
<b>Capacity</b>	80 gallons
<b>Horsepower</b>	4.7
<b>Air flow capacity</b>	14-CFM at 90-PSI
<b>Maximum air pressure</b>	155
<b>Weight</b>	354 lbs
<b>Warranty</b>	Two-year

## General Description

---

Powermate Vx PLA4708065 80-Gallon Electric Air Compressor draws only a current of 15 Amps. This means, despite a large engine strength, it does not need too much energy to operate. It can also support a more significant number of air tools, including ratchets, spray guns, impact drills, and double nailers. The 80-gallon tank causes constant airflow. In addition, This air compressor includes an oil-lubricated pump along with a cast-iron crankcase as well as an entire cast-iron cylinder body. The durable steel body is made to last for years.

## 5. DeWalt DXCMV5048055 Two-Stage Cast Iron Industrial Air Compressor

---







DEWALT DXCMV5048055 Two-Stage Cast Iron Industrial Air Compressor (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • High-capacity motor
- • Very high CFM
- • Supporting many heavy-duty tools at hand
- • Thermal overload protection system

### Cons

- • Expensive
- • Not portable

## Specifications

---

<b>Power Supply</b>	electric
<b>Dimensions</b>	35 x 32 x 79 inches
<b>Capacity</b>	80 gallons
<b>Horsepower</b>	5
<b>Air flow capacity</b>	17 CFM at 175 PSI and 17.9 CFM at 100 PSI
<b>Maximum air pressure</b>	175
<b>Weight</b>	470 lbs
<b>Warranty</b>	Two-year

## General Description

---

The inner mechanism of a DEWALT DXCMV5048055 Air Compressor consists of a two-stage compressor. Two-stage compressors draw air into the cylinder, compress it within a single-piston stroke, and drive it into a smaller piston at even higher pressure. This process doubles the maximum pressure the machine can produce before it is delivered to the tank.

So, this compressor is suitable for larger loads, supporting multiple pneumatic tools, including sandblasters and hydraulic jacks. Dewalt's patented pump design lowers the overall operating temperature by several degrees.

## 6. Ingersoll Rand SS5L5

---





**IR** Ingersoll Rand®



Ingersoll Rand SS5L5 (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • Very high CFM (single-stage models)
- • Highly durable motor
- • Silent operation

### Cons

- • A lot of electricity consumption
- • No pressure gauge

## Specifications

---

**Power Supply**                      electric

**Dimensions**                      24 x 30 x 73 inches

---

---

<b>Capacity</b>	60 gallons
<b>Horsepower</b>	5
<b>Air flow capacity</b>	18.1 CFM at 90 PSI
<b>Maximum air pressure</b>	135
<b>Weight</b>	310 lbs
<b>Warranty</b>	One-year

---

### **General Description**

---

Despite being a single-stage compressor, the CFM rating of the SS5 Air Compressor is as high as the two-stage ones. So, it can handle various devices such as ratchet drivers, drills, and sandblasters. However, keep in mind that it is not as equipped as its two-stage counterparts. Therefore, a combination of light and heavy devices is best to maintain the machine operating smoothly. Also, there is no need to be worried about any accidental short circuit inside because the motor is a thermal overload protection system enabled.

### **7. Sun Joe IONAIR-CT 1.6-Gallon Air Compressor**

---



Sun Joe IONAIR-CT Cordless 1.6-Gallon Air Compressor (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • Cordless
- • Best suited for household jobs
- • Decent pressurized power
- • Good battery backup

## Cons

- Lower CFM

## Specifications

---

<b>Power Supply</b>	Battery
<b>Dimensions</b>	16 x 12 x 17 inches
<b>Capacity</b>	1.6 gallons
<b>Horsepower</b>	5
<b>Air flow capacity</b>	2 CFM at 90 PSI
<b>Maximum air pressure</b>	115
<b>Weight</b>	19.6 lbs

## General Description

---

Sun Joe IONAIR-CT 40V 4.0-Ah Air Compressor is not a professional model. However, It is a valuable model that has saved us the hassle of wires. This compressor is called the precursor of the next generation compressors as these battery-powered products are just developing now. This device can deliver 2 CFM at 90 PSI. This is why this model suits light-duty home purposes such as airbrushing, stapling, and brad nailing.

The battery runtime of this air machine is 65 minutes. In contrast, most household tasks do not take more than 5 minutes of continuous runtime. After three-hour charging time, you can continue all air pressure jobs.

## 8. BOSTITCH Pancake Air Compressor BTFP02012

---



BOSTITCH Pancake Air Compressor BTFP02012 (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---



## Pros

- • Best price value
- • High capacity tank
- • Versatile

## Cons

- Slow device

## Specifications

---

<b>Power Supply</b>	Corded electric
<b>Dimensions</b>	17 x 17 x 19.25 inches
<b>Capacity</b>	6 gallons
<b>Air flow capacity</b>	2.7 CFM at 90 PSI
<b>Maximum air pressure</b>	150
<b>Weight</b>	31 lbs

## General Description

---

BOSTITCH Pancake Air is compact and tidy. Moreover, its pancake-style dome includes the storage area of the machine. In terms of capacity, the large tank has a capacity of 6 gallons, which is unique among pancake compressors. Its air flow features make it suitable for running a wide range of power tools such as impact drills, spray guns, ratchet drivers, and double nailers.

Notably, Bostitch includes a high flow regulator and couplers that improve the operation of the device and other tools connected to it. Moreover, its package comprises air hoses, blowguns, and nozzles in different sizes to increase versatility. This is a complete tool kit that makes power tools of all sizes easily connected.

The noise level of the compressor is 78.5 dB. So, the compressor can be considered a quiet air device.

## 9. Makita MAC700 Electric Air Compressor

---





Makita MAC700 Electric Air Compressor (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • Versatile
- • Low risk of short circuit
- • Cast iron gas tank
- • Quiet operation

### Cons

- Heavy

## Specifications

---

<b>Power Supply</b>	Electric powered
<b>Dimensions</b>	18 x 22 x 10 inches
<b>Capacity</b>	2.6 gallons
<b>Horsepower</b>	2
<b>Air flow capacity</b>	3.3 CFM at 90 PSI and 3.8 CFM at 40 PSI
<b>Maximum air pressure</b>	130
<b>Weight</b>	59.6 lbs
<b>Warranty</b>	One-year

## General Description

---

Well, you can connect any power tool to the Makita MAC700 Big Bore Air Compressor for works such as spray painting and sanding because it has a tank with a capacity of 2.6 gallons and a maximum air pressure of 130 PSI. These features are great for enhancing versatility.

Obviously, the secret of the success of this device is in a powerful motor that includes a durable pump constructed of cast iron. In addition, it has a big bore cylinder and piston that leads to better compression and much less noise emission. The air capacity increases remarkably with larger bores. Thus, Makita has a flawless internal mechanism.

Another specification of this air device is the low current drawing which drastically minimizes the risks of a short circuit, tripped breakers, and preserving the device from unexpected voltage fluctuations. Moreover, its 80 dB noise is suitable for a quiet workspace. Also, an oil-lubricated pump provides cooling for the running pump and minimizes wear.

## **10. California Air Tools 10020C**

---





California Air Tools 10020C (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- • Very quiet
- • High CFM
- • Easy-to-use
- • Enhanced heat dissipation of tank

### Cons

- Cleanup mechanism

## Specifications

---

<b>Power Supply</b>	Corded electric
<b>Dimensions</b>	16 x 15.1 x 35.9 inches
<b>Capacity</b>	10 gallons
<b>Horsepower</b>	2

---

---

<b>Air flow capacity</b>	6.40 CFM at 40 PSI and 5.30 CFM at 90 PSI
<b>Maximum air pressure</b>	125
<b>Weight</b>	82.5 lbs
<b>Warranty</b>	One-year

---

### **General Description**

---

California Air Tools 10020C is a highly portable compressor that comes with an air tank with a capacity of 10 gallons. It makes noise less than 70 dB. This compressor is a perfect candidate to outperform other models within this range of the price.

The construction of this compressor offers a user-friendly design, including twin air pressure gauges, effortless control, and dual quick connectors. Everything is available from the control panel located in front of the long-lasting steel cage.

The air flow at a rating of 90 PSI is 5.3 CFM, which means much power for different garage pneumatic tools such as ratchets, wrenches, and drivers. A remarkable specification of this model is its enhanced motor performance. California Air Tools offered an effective motor and an SP 9421 pump within the compressor to improve heat dissipation and increase the duty cycle. This is the reason for longer run times and minimum recovery periods. Its sturdy back wheels, despite being a heavy machine, allow for easy movement around the workspace.

## **11. DEWALT Pancake Air Compressor**

---



DEWALT Pancake Air Compressor (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- Has a console cover that is detachable to protect the controls.
- Has a ball drain valve for fast and complete draining.
- Has rubber-covered legs that are entirely encased to protect your flooring and hold the machine in position.

### Cons

- Does not include accessories.
- Some clients found the manufacturer's customer service lacking.



## Specifications

---

<b>Brand</b>	DEWALT
<b>Voltage</b>	120 Volts
<b>Recommended Uses For Product</b>	Drilling, Air Brushing, Spraying, Nailing
<b>Power Source</b>	Corded Electric
<b>Sound Level</b>	75.5 dB

## General Description

---

This air compressor can supply air to a wide range of tools thanks to its maximum pressure of 165 psi. Additionally, it includes a six-gallon tank for medium- and large-sized activities, a high-efficiency motor for cold weather starts, and a carrying handle for mobility. Customers were happy with the product's pricing and performance. Numerous reviewers also praised the air compressor's portability due to its compact size and strong handle. Consumers who weren't happy with DEWALT's lack of customer service expressed their frustration, and a few consumers questioned if they had actually gotten pre-owned goods.

## 12. PORTER-CABLE Oil-Free Air Compressor

---



PORTER-CABLE Oil-Free Air Compressor (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- Runs for medium-sized projects at a maximum pressure of 150 pounds per square inch.
- Designed with a shroud, handle, and console cover to shield the inside parts of the device.
- Just 30 pounds make it lightweight and portable.

### Cons

- Some clients reported air leaks.

- The unit's operation is complicated by the drain valve's absence at the unit's base.

### **Specifications**

---

<b>Brand</b>	PORTER-CABLE
<b>Voltage</b>	120 Volts
<b>Recommended Uses For Product</b>	Drilling, Air Brushing, Spraying, Nailing
<b>Power Source</b>	Corded Electric
<b>Special Feature</b>	Portable, Lightweight

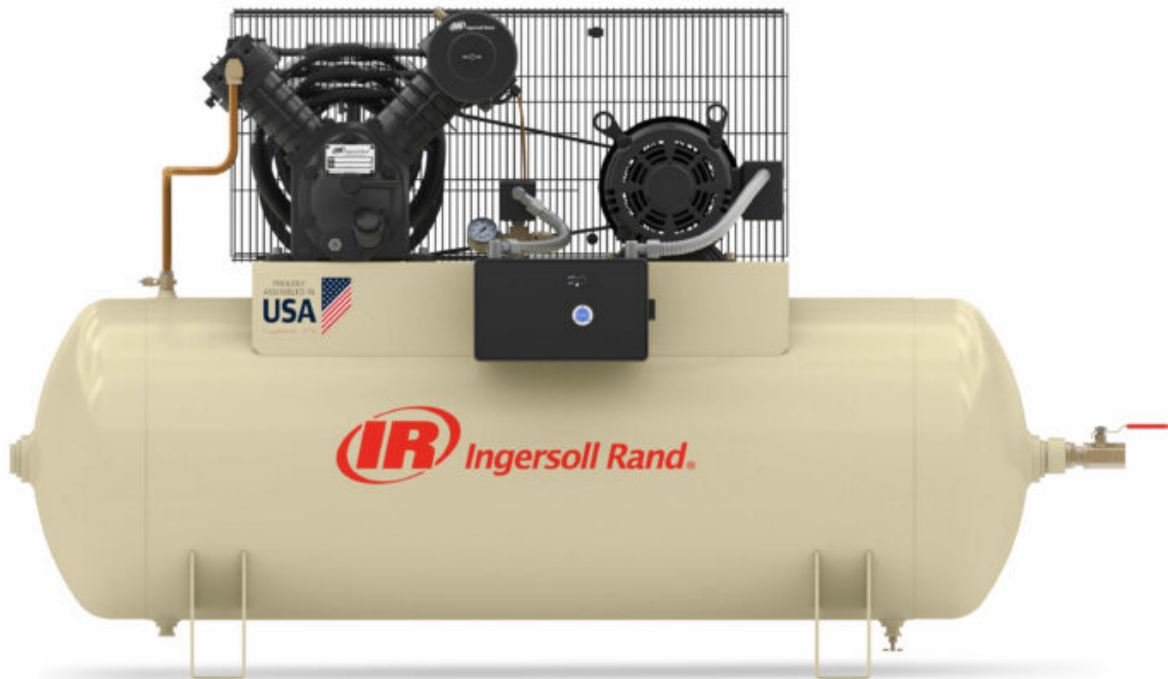
### **General Description**

---

The oil-free design and maintenance-free pump of this pancake air compressor from PORTER-CABLE make it easy for consumers to use and maintain the air compressor. The 120-volt, low-amp motor is made to start consistently in chilly conditions. Customers praised this air compressor for its performance and good price/performance ratio. Others claimed that the provided accessories met the majority of demands for both cars and homes. Customers who were displeased with the incomprehensible handbook and leaky vulnerability left low-rated evaluations.

### **13. Ingersoll Rand Two-Stage Electric Driven Air Compressor 2545E10-VP**

---



Ingersoll Rand Two-Stage Electric Driven Air Compressor 2545E10-VP (Reference: [ingersollrand.com](https://www.ingersollrand.com))

## Pros & Cons

---

### Pros

- High Efficiency: Two-stage pump design enhances efficiency and reliability.
- Powerful Performance: 10 HP motor and 35 CFM air flow capacity make it suitable for demanding industrial applications.
- Large Capacity: 120-gallon tank ensures a steady and prolonged air supply.
- Robust Build Quality: Known for its durability and long-lasting performance.

- High Maximum Pressure: Capable of delivering up to 175 PSI, suitable for a wide range of tools and applications.

### Cons

- Heavy and Bulky: Weighing approximately 900 lbs, it requires a dedicated space and is not easily movable.
- Power Requirements: Requires a 230 Volt supply, which might not be readily available in all settings.
- Initial Investment: The high quality and performance come at a higher cost compared to some other models.
- Limited Portability: Due to its size and weight, it is not suitable for applications requiring mobility.
- Warranty Period: The standard one-year warranty may be shorter than some competing models, though there is an option to extend.

### Specifications

---

<b>Power Supply</b>	230 Volt, Single Phase
<b>Dimensions</b>	73 x 28 x 51 inches (Approx.)
<b>Capacity</b>	120 Gallons
<b>Horsepower</b>	10 HP
<b>Air flow capacity</b>	35 CFM
<b>Maximum air pressure</b>	175 PSI
<b>Weight</b>	900 lbs (Approx.)
<b>Warranty</b>	1 Year Warranty with the option to extend

### General Description

---

The Ingersoll Rand 2545E10-VP is a high-performance, two-stage electric air compressor renowned for its durability and efficiency. Designed for heavy-duty industrial applications, it is well-suited for tasks requiring consistent and powerful air supply. The compressor features a two-stage pump that enhances efficiency and reliability, making it a popular choice in manufacturing, automotive, and various other industrial settings.

This model from Ingersoll Rand is known for its exceptional build quality and longevity. It operates with a precision-engineered pump and has an electric motor that delivers robust performance. The 2545E10-VP is designed to offer maximum air power while ensuring operational efficiency, making it one of the go-to choices for professionals seeking a reliable air compressor for high-demand environments.

#### 14. Quincy QT-54 Splash Lubricated Reciprocating Air Compressor

---



Quincy QT-54 Splash Lubricated Reciprocating Air Compressor (Reference: [amazon.com](https://www.amazon.com))

## Pros & Cons

---

### Pros

- **Durability:** Constructed with high-quality materials like cast iron for long-term durability.
- **Efficient Performance:** Delivers a solid air flow capacity, suitable for various industrial applications.
- **Reliability:** Known for reliable performance, particularly in demanding settings.
- **Large Air Capacity:** 60-gallon tank ensures a steady supply of air for prolonged use.
- **Good Pressure Range:** Maximum air pressure of 175 PSI is adequate for a wide range of tools.

### Cons

- **Weight and Size:** Weighing around 475 lbs, it's not easily portable and requires a fixed installation space.
- **Power Requirements:** Needs a 230 Volt electrical supply, which might not be standard in all settings.
- **Noise Level:** As with many reciprocating compressors, it can be quite noisy during operation.
- **Initial Investment:** Might be considered costly for small-scale users or hobbyists.
- **Maintenance:** While reduced, regular maintenance is still required, especially due to its splash lubrication system.

### Specifications

---

<b>Power Supply</b>	230 Volt, Single Phase
<b>Dimensions</b>	29 x 21 x 64 inches (Approx.)
<b>Capacity</b>	60 Gallons
<b>Horsepower</b>	5 HP
<b>Air flow capacity</b>	15.4 CFM at 175 PSI
<b>Maximum air pressure</b>	175 PSI
<b>Weight</b>	475 lbs (Approx.)
<b>Warranty</b>	1-Year Limited Warranty; Extended Warranty Available

## General Description

---

The Quincy QT-54 Splash Lubricated Reciprocating Air Compressor is a robust and reliable unit designed for heavy-duty use in industrial, automotive, and commercial applications. Renowned for its durability and efficiency, the QT-54 is part of Quincy's QT series, which is well-respected in the industry for producing high-quality compressors. This model features a splash lubrication system, which helps in maintaining the compressor's longevity and performance by ensuring all moving parts are adequately lubricated.

The Quincy QT-54 is built to deliver high performance with a significant volume of air output, making it ideal for environments that demand consistent and powerful air supply. Its construction includes a cast-iron cylinder, crankshaft, and valve plate, ensuring enhanced strength and durability. The design of this compressor focuses on delivering a long service life with reduced maintenance requirements, making it a cost-effective choice for many businesses.

## Download Highest CFM Air Compressor PDF

---

You can download this article as PDF if you would like to read it whenever you like.

[Download PDF](#)

***Read More In Linquip***

- [\*\*Everything You Need To Know About Different Types Of Compressor\*\*](#)
- [\*\*Types of Centrifugal Compressor: An Ultimate Guide\*\*](#)
- [\*\*How to Increase CFM on Air Compressor? \(Clear Guide\)\*\*](#)
- [\*\*Difference Between Air Compressor and Air Pump\*\*](#)
- [\*\*The 10 Best Air Compressor for Home Garage\*\*](#)
- [\*\*The 10 Best 12v Air Compressors\*\*](#)
- [\*\*The 7 Best Air Compressors\*\*](#)
- [\*\*The Differences Between Axial Compressor & Centrifugal Compressor\*\*](#)
- [\*\*Difference Between Air Compressor and Air Pump\*\*](#)
- [\*\*Piston Compressors: The Most Comprehensive Guide to Know Piston Compressor\*\*](#)
- [\*\*How an Air Conditioners Compressor Work?\*\*](#)
- [\*\*Top Air Compressor Suppliers & Manufacturers In The World\*\*](#)