

# FAQs on Reciprocating Air Compressors

Below are some of the Reciprocating Compressor Frequently Asked Questions. If you still have questions, please Contact Us and we will assist you.

**QUESTION:** Why do I need a Reciprocating Compressor?

**ANSWER:** Reciprocating compressors are used when intermittent duty cycle is required. They are offered as single or multi-stage. Reciprocating Compressors typically offer a lower installation cost, low noise level, and a relatively low maintenance cost. We offer Lubricated or Oil Free-Oil Less air compressors.

**QUESTION:** What kind of Reciprocating Compressor do I need?

**ANSWER:** There are many factors to be considered when choosing a Reciprocating compressor, such as the application, duty cycle, system requirements, maintenance schedule, environment, elevation, installation, temperature ranges, and pressure requirements. Taking these requirements and others into consideration will help narrow down your choice. Contact your local Champion distributor for assistance in determining air requirements, air-storage needs and other selection considerations.

**QUESTION:** Why should I buy a Champion Reciprocating Compressor?

**ANSWER:** Champion has nearly a century of experience in designing and manufacturing air compressor systems. We are a leading provider of high quality industrial equipment, technologies and services. The machines are durable, robust, and are used world-wide in applications of virtually every market sector. We are a market leader continuing to improve our processes with innovation. We seek the customer's voice and meet their demands. Our long standing expertise and in-depth knowledge of compressed air and gas technologies, allow us to provide tailored solutions to customers with very specific and complex requirements. Champion has the experience and knowledge to support our equipment for its lifetime.

**QUESTION:** How do I choose the right size compressor?

**ANSWER:** First and foremost, it is always best to consult a compressed air specialist when determining which equipment is right for your needs. However, here are three simplified steps for you to reference to help make an informed decision:

**Step 1:** Determine the voltage and phase where the compressor will be installed.

**Step 2:** Determine the air demand.

**Step 3:** Determine the air pressure required for your application or plant.

There are many different types of compressors in the marketplace today, reciprocating, rotary screw, rotary vane, rotary scroll and many others. It is best to consult your local Champion distributor to help determine the machine for your application.

QUESTION: How do I purchase the air compressor?

**ANSWER: McGuire Air Compressors** will help you choose the right compressor for your needs, as well as maintain your investment for the future. Contact us today for a quote.

**Call 336-229-9999 or email [compressors@mcguire.biz](mailto:compressors@mcguire.biz).**

