CAPCO

Compressor And Parts COmpany

RECIPROCATING AIR COMPRESSORS

ACE
Compressed air Solution.

Reciprocating Single- and Two-Stage Air Compressors

2-25 hp

RECIPROCATING COMPRESSORS

CAPCO COMPRESSOR

15-HP 300Ltr Two-Stage Air Compressor Value Plus Package (415V)

Specifications	
Cfm/m³/H	44.00Cfm / 74.60m³/H
Pump	A71T10
No. of Cylinders	2
Compressor Stages	2
Free Speed (rpm)	1020
Oil Limit alert Switch	Optional
Auto Condense Drain	NO
Motor Size	7.5kw/10hp
Power Type	415v 50Hz electric

Drive Type	Belt
Working Pressure	125psi/860kpa
Starter	DOL
Constant/Dual Controls	N/A
Centrafugal Unloader	STANDARD
Air Tank Capacity(L)	300L
Weight (kgs)	10.5
DimensionsLxlxh (mm)	1030x560x650
Noise Level dB(a)@1m	83

Reciprocating Compressors for Your Application

offers a wide portfolio of reliable reciprocating compressors that can be adapted to your specific requirements. Whether for vehicle services, commercial or industrial applications, we will assess and propose the most cost-effective solution that increases the productivity of your installation.

Vehicle Services

Automotive repair, body shops, fleet maintenance

Metalworking

Assembly, vacuum melting, conveying, forming, actuation & controls

Commercial

Dry cleaning, car washes, furniture making, apparel industry

Construction

Powering impact guns, ratchets, grinders, drills, nailers, paint sprayers, sanders and more

Woodworking

Sawing, clamping, hoisting, actuation & controls, pressure treatment

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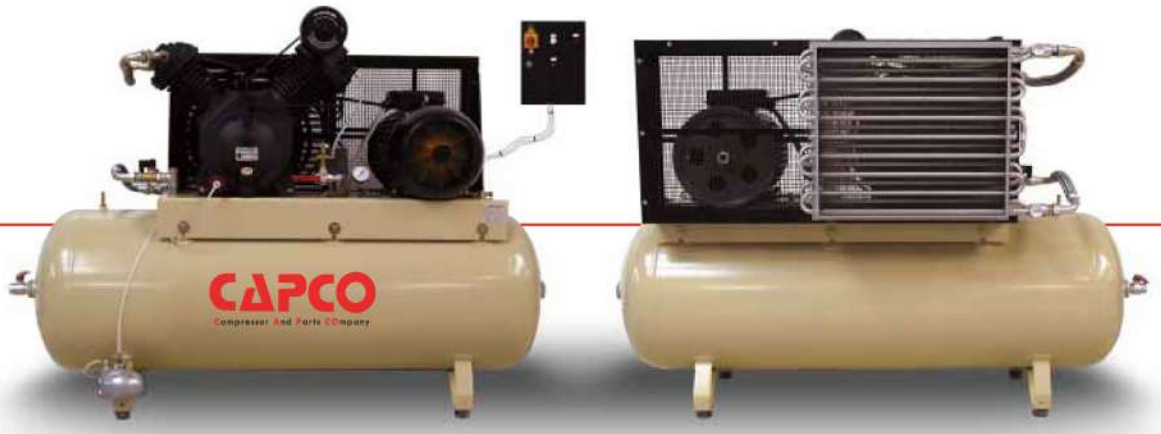
Range



Premium Range Illustrated

Value Range Features

- 11 bar receiver mounted, 14 bar base mounted.
- CE Marked receivers to 87/404/EEC.
- 4 pole IP55 TEFV Motor.
- Standard voltage 400-3-50.
- Totally enclosed belt guard design.
- Dry type inlet filter.
- Flexible discharge tube.
- Factory fill of lubricant.
- Auto Start and Stop regulation by pressure switch up to and including 7.5hp.
- Constant Speed Control 10hp to 30hp.

Value Range

The CAPCO VALVE Package offers customers an economical and dependable compressed air solution. It is perfect for commercial, automotive, and light industrial applications.

- Durable 100% cast iron construction.
- Automatic start/stop pressure switch operation.
- Manual tank drain.
- Intermittent duty cycle.

Premium Range Features

- Auto Start and Stop regulation by pressure switch (3/4hp) or by the starter (5.5/7.5hp) up to and including 7.5hp.
- Dual Control regulation 10hp to 30hp.
- Star Delta starter from 5.5hp.
- Low Oil Level Switch.
- Auto Condensate Drain on all receiver mounted units.
- Belt Guard Mounted, Air Cooled After Cooler.
- Anti-Vibration pads.

Premium Range

The CAPCO Premium Package offers all the features of the Value Package plus a number of additional features to further enhance durability and performance. The Premium Package is ideally suited for manufacturing and more heavy duty industrial applications.

- Belt guard mounted, air cooled after cooler.
- Low oil level switch to reduce maintenance requirement.
- Provides more reliable performance.
- Auto condensate drain on receiver mounted units.
- High performance with lower noise levels.

Reliable, Durable and Built to Last

Your compressed air system should give you more time to focus on your business, not less. That's why CAPCO is in single- and two-stage reciprocating air compressors are an ideal choice for applications that demand a reliable air supply for everyday use. Whether for vehicle services, commercial or industrial applications, we will assess and propose the most cost-effective solution that increases the productivity of your installation.

Legendary Performance

For over 100 years, our reciprocating compressors have delivered rock-solid performance for the most demanding applications.

For increased productivity

A proven design and stellar track record that helps to lower lifecycle costs in punishing environments.

For durability

Cast iron construction and long-lasting components are designed for trouble-free use.

For serviceability

Easy access to system components for quick routine maintenance and parts replacement helps extend compressor life.

For solutions that work for you

Your choices include single-stage or two-stage compressors, gas engine or electric motors, portable or stationary models and specific accessory packages that best match your application.

What Makes Our Reciprocating Compressors Unique?

Robust components, easy access for servicing, 100% continuous duty and a wide variety of sizes and configurations — that's Legendary Performance!

- **A** Durable 100% cast iron design
- **B** Easy to repair removable cylinders with 360° radial fins eliminate hot spots
- **C** Finned copper intercooler lowers operating temperature, extends pump life, improves efficiency
- **D** One-piece connecting rod with fewer wearing parts simplifies maintenance
- **E** Precision-balanced overhung crankshaft runs smoothly and quietly
- **F** Reliable stainless steel reed valves optimized for increased volumetric efficiency
- **G** Low oil level switch provides constant protection from running at low oil condition
- **H** Centrifugal unloader ensures loadless starts for maximum motor and starter protection
- **I** Simple and reliable splash lubrication eliminates need for oil pump, inexpensive and easy to maintain

The CAPCO Compressors has been the leader in its class since it was introduced in 1929. Whether this is measured by reliability, efficiency, rugged flexibility or maintainability, it has no equal. Designed for heavy industrial applications, the two stage reciprocating air compressors provide the quality and performance that exceed customer requirements.

Others may claim to handle heavy duty applications, but the CAPCO defines the concept. Run it in the most demanding intermediate duty application imaginable. It won't make any difference because this compressor performs with total dependability in the most demanding, heavy-duty industrial applications. Throughout this brochure we try to show you some of the features which make the CAPCO unique and ideal to meet your demands of a compressor package in the CAPCO Compressors.

Many compressor applications need care and experience to ensure that the correct machine and configuration is selected to provide the level of efficiency and reliability which you expect. Our Sales offices ideally qualified andexperienced to assist you in this task.If you are seeking information about a new compressor, advice about an existing installation or ancillary equipment or spare parts, you will find knowledge available to assist you.

After all, we've been doing this for over 100 years!

No other Reciprocating Compressor offers these efficient, cost-saving features:

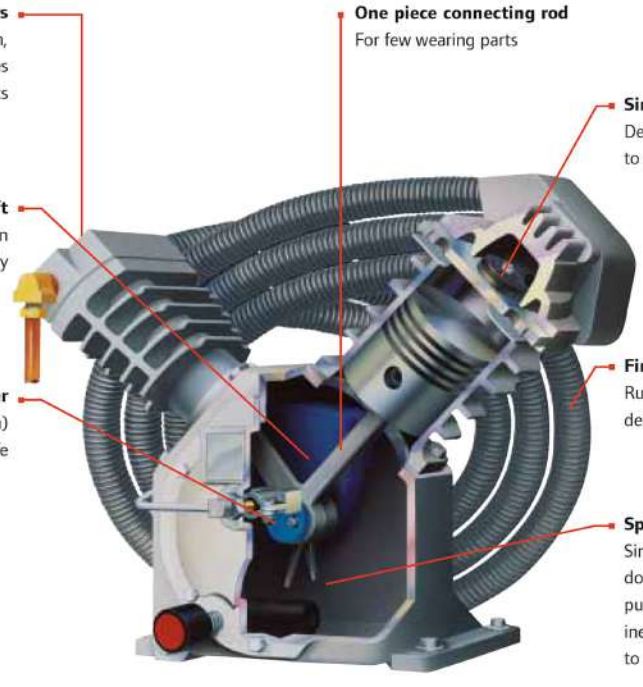
A durable cast iron pump which provides 15,000+ hours of trouble-free service

A 100% copper finned intercooler lowers operating temperatures and extends pump life

An overhung crankshaft and single-piece connecting rod allow access to the running gear for easy maintenance

Individually cast cylinders provide flexible, less expensive maintenance on just one cylinder at a time rather than servicing the entire pump

The Inside Story



PARTS & ACCESSORIES

A compressed air system is a significant investment. You expect consistently reliable, clean, dry air at the lowest possible operating cost. Choose our genuine parts and accessories to ensure that your compressor is running efficiently and productively.

Start-Up & Maintenance Kits

Our start-up kits provide the parts and protection you need for the first two years. By purchasing a start-up kit, you also receive the added protection of a two-year extended pump warranty.

Maintenance kits are an integral part of factory-recommended annual maintenance, and help ensure ongoing optimal compressor performance.

Refrigerated Dryers

Moisture and contamination in compressed air cause significant problems in equipment operation, such as rust, scale and clogged orifices that result in product damage or costly shutdowns. Using refrigerated dryers will improve productivity, system efficiency and product or process quality.

Refrigerated Dryer Features

- **Dew points as low as 3°C (38°F),** meeting Class 4 requirements
- **Corrosion-free heat exchanger** design for reliable operation
- **Intuitive microprocessor control** for easy operation
- **Compact design** for easy serviceability

Filter, Regulator and Lubricators (FRLs)

FRLs provide point-of-use air conditioning to enhance tool longevity and process quality.

F-Series In-line Filters

F-Series Filters protect critical processes and valuable equipment by providing high-quality air.

Electronic Drain Valve (EDV)

The reliable, easy-to-use EDV automatically removes moisture from compressors and other system components.

Air Line Accessories

From hose reels to virtually any type of connection, we have the accessories to support your operation.

CAPCO Industrial Technologies provides products, services and solutions to enhance the efficiency and productivity of our commercial, industrial and process customers. Our innovative products include air compressors, air systems components, tools, pumps, material and fluid handling systems and microturbines.

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