

# 5-15 HP Reciprocating Compressors



No Start Up Kits Required | Lifetime Parts Warranty Available

## Compressed Air Systems

Simplicity. It's What We Do.

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# Industrial Duty Compressors

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CAS industrial duty electric compressors are built for demanding commercial and industrial applications. Each unit features a low RPM pump for reliable, long-lasting performance, and is built with some of the most heavy duty components available.



## Features

- Heavy duty solid cast iron pump
- Head unloaded
- Needle bearings on both ends of crankshaft
- Disc and spring valves
- Centrifugal unloader
- Heavy duty air filter
- Stainless steel flexible discharge line
- Low pump RPM
- Oil sight glass
- Oil drain and fill on front of compressor pump
- ASME/CRN certified receivers
- OSHA compliant enclosed belt guard

## Accessories Available

- Hour meter
- Belt guard mounted aftercooler
- HOA operated drain
- Alternating relay
- Intake silencer
- Low oil monitor
- Dual control constant run
- Rubber mounting pads
- TEFC motor
- Nema 4 control enclosure
- Explosion proof motor
- Explosion proof control enclosure
- Pressure lubricated pump

Model	HP	CFM @ 175 PSI	CFM @ 100 PSI	Tank	Vert/Horz	Pump	Voltage	Amp Draw @ 230 Volt	Weight
<b>B51V84</b>	5	18	20	80	Vert	CA1	208-230-1	24	605
<b>B53V84</b>	5	18	20	80	Vert	CA1	208-230-480-3	16	605
<b>B51H84</b>	5	18	20	80	Horz	CA1	208-230-1	24	605
<b>B53H84</b>	5	18	20	80	Horz	CA1	208-230-480-3	16	605
<b>B71V84</b>	7.5	23	25	80	Vert	CA1	208-230-1	32	615
<b>B73V84</b>	7.5	23	25	80	Vert	CA1	208-230-480-3	18	615
<b>B71 H84</b>	7.5	23	25	80	Horz	CA1	208-230-1	32	615
<b>B73H84</b>	7.5	23	25	80	Horz	CA1	208-230-480-3	18	615
<b>B71V86</b>	7.5	28	32	80	Vert	CA2	208-230-1	32	700
<b>B73V86</b>	7.5	28	32	80	Vert	CA2	208-230-480-3	18	700
<b>B71H86</b>	7.5	28	32	80	Horz	CA2	208-230-1	32	700
<b>B73H86</b>	7.5	28	32	80	Horz	CA2	208-230-480-3	18	700
<b>B101V86</b>	10	35.4	38	80	Vert	CA2	208-230-1	42	735
<b>B103V86</b>	10	35.4	38	80	Vert	CA2	208-230-480-3	28	725
<b>B101H86</b>	10	35.4	38	80	Horz	CA2	208-230-1	42	735
<b>B103H86</b>	10	35.4	38	80	Horz	CA2	208-230-480-3	28	725
<b>B101V126</b>	10	35.4	38	120	Vert	CA2	208-230-1	42	750
<b>B103V126</b>	10	35.4	38	120	Vert	CA2	208-230-480-3	28	750
<b>B101H126</b>	10	35.4	38	120	Horz	CA2	208-230-1	42	750
<b>B103H126</b>	10	35.4	38	120	Horz	CA2	208-230-480-3	28	750
<b>B153H126</b>	15	40.1	44	120	Horz	CA2	208-230-480-3	42	725

Add -E to the end of the model number for Elite Series. Add -PL for Pressure Lubricated Series.

All industrial stationary units require a magnetic starter.

# CAS Reciprocating Pumps

## Now Available with Pressure Lubrication

We offer a full line of heavy duty, solid cast iron reciprocating pumps to meet any requirement.

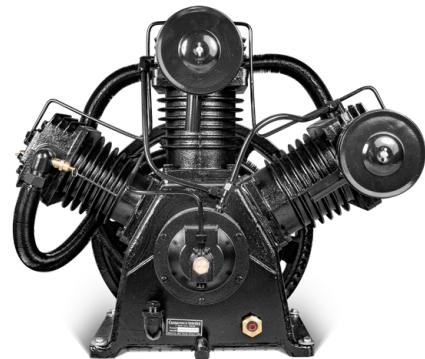
They feature some of the most heavy duty components found in piston compressors today, and they reflect our commitment to high quality products and ease of maintenance. Available with pressure lubrication for longer life, smoother operation, and reliability you can count on.



CA1

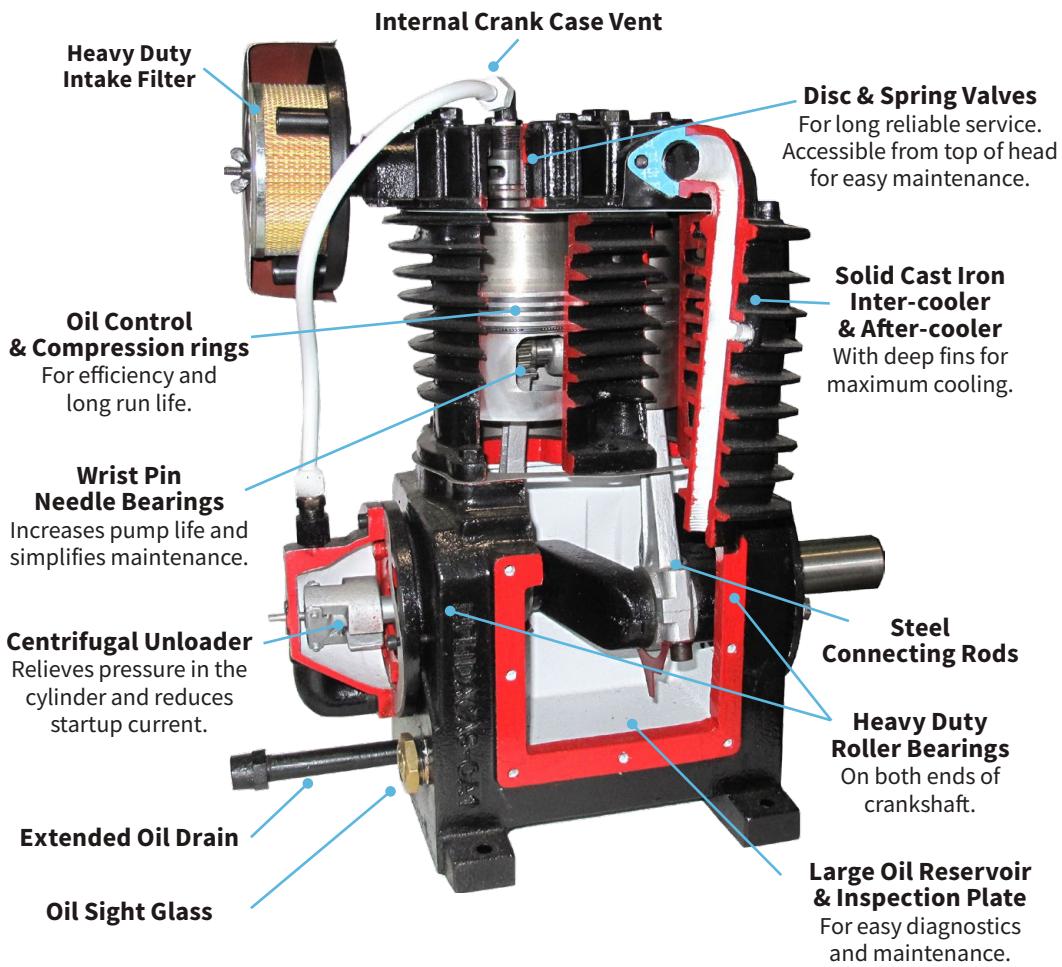


CA2



CA3

## CA Series Pump Features



# Pressure Lubricated Series

## Runs Smoother & Works Harder

5-15 HP | 18-45 CFM @ 175 PSI

Our classic CA series pumps just got even better. Now available with pressure lubrication for durability and performance. Designed for high-demand environments that can't afford downtime. Enhanced lubrication means longer life, smoother operation, and reliability you can count on.



# Elite Series Feature Comparison

Compressed Air System Elite Series compressors feature a unique package option that makes your new compressor simpler to maintain while delivering higher quality air. The Elite options are available on all stationary compressors.

**FREIGHT  
PREPAID**



**A** **Belt guard after cooler** cools the air before it enters the receiver, causing more moisture to condense and collect in the tank, where it's automatically drained. That means less equipment damaging moisture is sent into your air lines.

**B** **Low oil monitor** to help keep you notified when you need to add oil to the compressor pump.

**C** **Tank discharge ball valve** makes draining fast and easy.

**D** **Vibration pads** are designed to protect your receiver from damage caused by vibration when the compressor is running.

**E** **Automatic tank drain** will help with the daily tank maintenance so that you don't have to.

**F** **Stainless steel flex lines** for added durability.

**G** **Auto belt tension system** for optimal performance and minimal maintenance.

## Accessories Available for Elite Units

- Hour meter
- HOA operating switch
- Alternating relay
- Intake silencer
- Dual control constant run
- Rubber mounting pads
- TEFC motor
- Nema 4 control enclosure
- Explosion proof motor
- Explosion proof control enclosure

Included in Package	Compressed Air Systems Elite Series	Ingersoll Rand Premium Packaged Series	Champion Advantage Series	Quincy QT Series	C-Aire Fully Packaged Series	Chicago Pneumatic RCP Fully Packaged Series	Mi-T-M Fully Packaged Series	Curtis CT Series
Vibration isolation pads	Yes	No	Yes	No	Yes	Yes	Yes	Yes
Automatic tank drain	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Low oil monitor	Yes	Yes	Yes	No	No	Yes	Yes	Yes
Centrifugal unloader	Yes	No	Yes	No	No	No	No	No
Solid aluminum after cooler	Yes	No	No	No	No	Yes	Yes	No
Cast iron interstage cooler	Yes	No	No	No	No	No	No	No
Pump disk & spring Valves	Yes	No	Yes	No	No	Yes	No	No
Cast iron discharge cooler	Yes	No	No	No	No	No	No	No
Flexible stainless steel discharge line	Yes	No	No	No	No	No	Yes	No
TEFC drive motor 3 phase units	Yes	No	No	No	No	No	No	No
Electronic over load protection with phase loss monitoring	Yes	No	No	No	No	No	No	No
Fault indicator light on motor overload	Yes	No	No	No	No	No	No	No
NEMA 4 compressor package wiring	Yes	No	No	No	No	No	No	No
Easy to view pressure gauge	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bearings on both ends of the crank shaft	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Discharge line fittings non proprietary (easy to find at any hardware store)	Yes	No	No	No	Yes	Yes	Yes	Yes
Pump Speed 950RPM or less	Yes	No	Yes	Yes	No	Yes	Yes	Yes
2-piece tank and top plate design	Yes	No	No	No	No	No	No	No



Ingersoll Rand 10 HP Fully Package T30 Series



Champion 10 HP Advantage Series



Quincy QT Series 10 hp



C-Aire Fully Packaged Series



Chicago Pneumatic RCP Fully Packaged Series



Mi-T-M Fully Packaged Series



Curtis CT Series

Note: For comparison only. Features on any of the compressors listed may change at any time due to manufacturing changes.



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