

# DISCOVER THE ADVANTAGE

SPECIALIZING IN COMPRESSED AIR FOR OVER A CENTURY

ADVANTAGE SERIES  
5-25 HORSEPOWER  
RECIPROCATING AIR COMPRESSORS

A little over 85 years ago Champion's amazing air compressors blazed new trails in the compressed air market. Today, Champion air compressors are still engineered with the same philosophy as we had back then. We design industrial grade air compressors for the professional.

The Champion Advantage Series offers a complete line of compressed air packages that meet any application. The Advantage Series has been carefully engineered to stand up to years of use.

Every Advantage Series compressor arrives with up to six standard, pre-installed accessories:

- Air Cooled Aftercooler (7.5 HP and above)
- Auto Tank Drain
- Low Oil Monitor
- Magnetic Starter
- Vibration Isolators
- Dual Control (10 HP and above)

## STANDARD FEATURES

- Heavy Duty Two Stage, Splash Lubricated Air Compressor Pump
- Multi-Finned Cylinders
- Integral Cylinder Head
- Intercoolers for Cooling between Stages
- Reliable High Flow Disc Valves
- Oversized Main Bearings
- Balanced Crankshaft
- Oil Level Site Glass
- Centrifugal Unloader for Loadless Starting
- 0-300 PSIG Air Pressure Gauge
- Bucket High Drain Valve
- Factory Fill With ChampLub Lubricants
- ASME Code Air Receiver
- OSHA Approved Belt Guard
- 5 Year Prorated Pump Warranty
- 5 Year Tank Warranty
- 5 Year Electric Motor Warranty



**CHAMPION**<sup>®</sup>

A Gardner Denver Product

# QUALITY ACCESSORIES AT A GLANCE

## 1 MAGNETIC STARTER

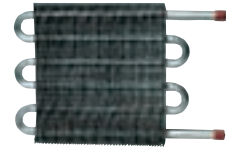
For thermal overload protection. Factory mounted and wired.



1

## 2 AIR-COOLED OR WATER-COOLED AFTERCOOLER

Removes up to 65% of the moisture from discharged compressed air.



2

## 3 AUTOMATIC TANK DRAIN (PNEUMATIC)

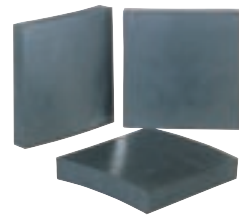
Automatically removes water from air receiver upon demand. Eliminates the need for manual purging.



3

## 4 VIBRATION ISOLATORS

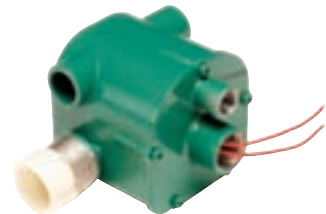
Isolates the compressor unit from the foundation or floor. Reduces noise and protects the unit from any out-of-level floor situation that could cause vibration and damage.



4

## 5 LOW OIL LEVEL MONITOR

Low Oil Level Monitor shuts down the unit when oil levels are below an adequate level. Prevents the unit from restarting if oil levels are not at an adequate level.



5

## 6 COMPRESSOR SERVICE KITS

Compressor Service Kits include components needed for the unit's 500 hour annual maintenance. Kits include Champlub Lubricant, inlet filters and oil filters where applicable.



6



# SPECIFICATIONS

Model #	Variants		Mounted Mag Starter	Vibration Isolators	Automatic Tank Drain	Low Oil Level Switch	Air Cooled Aftercooler	Dual Control
	Std.	CA.						
VR5-8-230/1	CASRSA01	CASRSA39	X	X	X	X		
VR5-8-230/3	CASRSA03	CASRSA40	X	X	X	X		
VR5-8-208/3	CASRSA05	CASRSA45	X	X	X	X		
HR5-8-230/1	CASRSA07	CASRSA46	X	X	X	X		
HR5-8-230/3	CASRSA09	CASRSA48	X	X	X	X		
HR5-8-208/3	CASRSA11	CASRSA81	X	X	X	X		
VR7F-8-230/1	CASRSA13	CASRSA42	X	X	X	X	X	
VR7F-8-230/3	CASRSA15	CASRSA44	X	X	X	X	X	
VR7F-8-208/3	CASRSA17	CASRSA53	X	X	X	X	X	
VR10-12-230/3	CASRSA19	CASRSA74	X	X	X	X	X	
VR10-12-208/3	CASRSA21	CASRSA75	X	X	X	X	X	
HR10-12-230/3	CASRSA23	CASRSA41	X	X	X	X	X	
HR10-12-208/3	CASRSA25	CASRSA49	X	X	X	X	X	
HR10-12-230/3	CASRSA27	CASRSA50	X	X	X	X	X	X
HR10-12-208/3	CASRSA29	CASRSA64	X	X	X	X	X	X
HRA15-12-230/3	CASRSA31	CASRSA43	X	X	X	X	X	X
HRA15-12-208/3	CASRSA33	CASRSA59	X	X	X	X	X	X
HRA25-12-230/3	CASRSA35	CASRSA47	X	X	X	X	X	X
HRA25-12-208/3	CASRSA37	CASRSA65	X	X	X	X	X	X

Motor HP	Tank Cap. Gal.	Model #	Pump Model #	L x W x H Dimensions Inches	Approx. Ship Wt. lbs.	125 PSI Rating			175 PSI Rating		
						RPM	CFM Disp	CFM Del'y	RPM	CFM Disp	CFM Del'y
5	80	VR5-8	R-15B	33 x 24 x 77	535	805	23.5	19.1	710	20.7	16.5
		HR5-8		66 $\frac{1}{2}$ x 22 $\frac{3}{4}$ x 48 $\frac{3}{4}$							
7.5		VR7F-8		33 x 24 x 77	570	990	28.7	23.1	990	28.7	23.1
10	120	VR10-12	R-30D	46 $\frac{3}{8}$ x 30 x 80 $\frac{3}{4}$	890	810	48.5	37.3	740	3.1	34.8
		HR10-12		72 $\frac{1}{2}$ x 24 x 55 $\frac{1}{4}$							
15		HRA15-12	R-40A	73 $\frac{1}{2}$ x 27 $\frac{1}{2}$ x 62 $\frac{1}{2}$	1110	890	71.1	59	770	61.5	53.7
25		HRA25-12	R-70A	74 $\frac{1}{2}$ x 27 $\frac{1}{2}$ x 64							

# THE CHAMPION ASSEMBLED UNIT WARRANTIES

## COMPRESSOR PUMP WARRANTY

Each new Champion Assembled Unit has a five (5) year warranty on the compressor pump only, against defects in materials or workmanship under normal use and service, from the date of installation or sixty-six (66) months from the date of shipment by Champion or a Champion distributor, whichever may occur first.

The five-year extended warranty covers parts and labor and is prorated over the five years as follows:

- Year One — 100% coverage
- Year Two — 90% coverage
- Year Three — 80% coverage
- Year Four — 70% coverage
- Year Five — 60% coverage

*Head valves are warranted for Year One only.*

Champion makes no warranty on components and/or accessories furnished to Champion by third parties, such as electric motors, gasoline engines and controls. These are warranted only to the extent of the original manufacturer's warranty to Champion. Electric motors must be equipped with thermal overload protection to have warranty consideration.

The extended five-year warranty will apply to ASME air receivers if they are installed on rubber vibro isolator pads or approved equivalent.

## 5 YEAR ELECTRIC MOTOR

Any Champion package purchased after January 1, 2003 built with a Baldor or Toshiba electric motor are warranted for 60 months from start-up or 63 months from shipment. Other manufacturer's motors furnished due to customer request or special requirements carry the motor manufacturer's warranty.

## PACKAGE WARRANTY

Champion warrants each new air compressor package to be free from defects in material and workmanship under normal use and service for a period of one year (12 months) from the date of installation or 15 months from the date of shipment by Champion.

## LIMITED WARRANTY

Warranty shall not apply to any equipment which has been subjected to misuse, neglect or accident, nor shall it apply to any equipment that has been repaired or altered by any person(s) not authorized by Champion. Failure caused by lack of proper maintenance is not covered by warranty.

In no event shall Champion be liable for consequential damages or contingent liabilities arising out of failure of any compressor or part to operate properly. When a compressor pump or component is changed or replaced during the warranty period, the new/replaced item(s) is warranted for only the remainder of the original warranty period. Complete warranty details are included in compressor operating manual.

## U.L. STANDARDS

Champion, in common with other major, industrial compressor manufacturers, does not market compressors which are U.L. listed. In general, U.L. is concerned with electrical components that may be utilized on compressor units, rather than a complete compressor package or system. All electrical components used on Champion compressors are U.L. listed. Each component – motor, starter, pressure switch, control panel – carries a U.L. identification mark on the nameplate or inside the electrical enclosure cover. The mark will be the letters "UR" reversed (as if held up to a mirror), indicating the item is "recognized" by U.L. On tankmounted units, the air receiver tank and tank pressure relief valve are ASME Code. The tank carries a National Board Registration number which appears on a stamped, metal plate welded to the tank.

# CHAMPION®

A Gardner Denver Product

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