

# Advantage Series

RECIPROCATING AIR COMPRESSORS, 5-25 HP

- ▶ Ships within 24 Hours
- ▶ 5 Year Warranty on Tank, Pump & Motors
- ▶ Pre-installed Accessories
- ▶ Simplex & Duplex Configurations



**CHAMPION**<sup>®</sup>

A Gardner Denver Product

*Always be one.*

# The Advantages

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.

## Standard Equipment Features

- ▶ Heavy Duty Two Stage, Splash Lubricated Air Compressor Pump(s)
- ▶ 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
- ▶ OSHA Approved Belt Guard
- ▶ ASME Code Air Receiver
  - Pressure Relief Valve
  - Service Valve
  - Drain Valve
  - Pressure Gauge
- ▶ U.L. Listed Electrical Components
- ▶ Vertical or Horizontal Configuration
- ▶ Oversize Inlet Filter – Silencers
- ▶ Mounted Magnetic Starter
- ▶ Vibration Isolator Pads

- ▶ Automatic Tank Drain
- ▶ Low Oil Level Monitor
- ▶ Air Cooled Aftercooler
- ▶ Dual Control on 10 HP Simplex and Above

## 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.

## 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.

# Quality Accessories at a Glance



## 1 Magnetic motor starter

For thermal overload protection.

## 2 Air-cooled aftercooler

The factory mounted, heavy duty, air-cooled aftercooler effectively reduces up to 65% of the moisture from discharged compressed air.



## 3 Automatic tank drain

Automatically discharges excess moisture from the receiver.

## 4 Vibration isolator pads

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.



## 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.

## 6 Duplex control panel

The control panel features single point incoming power, NEMA 1 enclosure, UL labeled, two self-protected combination starters (circuit breakers) with thru the door disconnect handles, one control circuit transformer with fused primary and secondary protection, one automatic alternating relay, one auto – comp #1 – comp #2 selector switch, two elapsed time meters (hour meters).



## SIMPLEX TANK MOUNTED

Model #	HP	Variants		Pump Model #	Volts	Tank Capacity Gallons*	RPM	175 PSI Rating CFM Del'y	Dimensions L x W x H	Weight Approx. lbs
		STD	CA							
VR5-8	5	CASRSA01	CASRSA39	R15B	230/1	80V	710	16.5	33 x 24 x 77	535
VR5-8	5	CASRSA03	CASRSA40	R15B	230/3	80V	710	16.5	33 x 24 x 77	535
VR5-8	5	CASRSA05	CASRSA45	R15B	208/3	80V	710	16.5	33 x 24 x 77	535
VR5-8	5	CASRSA126	CASRSA128	R15B	230/1	80V	710	16.5	33 x 24 x 77	565
HR5-8	5	CASRSA07	CASRSA46	R15B	230/1	80H	710	16.5	66 x 23 x 49	535
HR5-8	5	CASRSA09	CASRSA48	R15B	230/3	80H	710	16.5	66 x 23 x 49	535
HR5-8	5	CASRSA11	CASRSA81	R15B	208/3	80H	710	16.5	66 x 23 x 49	535
VR7F-8	7.5	CASRSA13	CASRSA42	R15B	230/1	80V	990	23.1	33 x 24 x 77	545
VR7F-8	7.5	CASRSA15	CASRSA44	R15B	230/3	80V	990	23.1	33 x 24 x 77	545
VR7F-8	7.5	CASRSA17	CASRSA53	R15B	208/3	80V	990	23.1	33 x 24 x 77	545
VR10-12	10	CASRSA19	CASRSA74	R30D	230/3	120V	740	34.8	47 x 30 x 81	890
VR10-12	10	CASRSA21	CASRSA75	R30D	208/3	120V	740	34.8	47 x 30 x 81	890
HR10-12	10	CASRSA23	CASRSA41	R30D	230/3	120H	740	34.8	72 x 24 x 55	890
HR10-12	10	CASRSA25	CASRSA49	R30D	208/3	120H	740	34.8	72 x 24 x 55	890
HR10-12	10	CASRSA27	CASRSA50	R30D	230/3	120H	740	34.8	72 x 24 x 55	890
HR10-12	10	CASRSA29	CASRSA64	R30D	208/3	120H	740	34.8	72 x 24 x 55	890
HRA15-12	15	CASRSA31	CASRSA43	R40A	230/3	120H	770	53.7	74 x 28 x 62	1110
HRA15-12	15	CASRSA33	CASRSA59	R40A	208/3	120H	770	53.7	74 x 28 x 62	1110
HRA25-12	25	CASRSA35	CASRSA47	R70A	230/3	120H	770	90.1	74 x 27 x 64	1365
HRA25-12	25	CASRSA37	CASRSA65	R70A	208/3	120H	770	90.1	74 x 27 x 64	1365

## DUPLEX TANK MOUNTED

HR5D-12	5	CC1029219	CC1029222	R15B	230/1	120H	710	33.0	70 x 28 x 55	1485
HR10D-25	10	CC1029225	CC1029226	R30D	230/3	250H	770	69.6	86 x 29 x 57	1725

\* V: Vertical, H: Horizontal Configuration

**CHAMPION**<sup>®</sup>

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