

# BUILT TOUGH. PRICED RIGHT.

CHAMPION CENTURION II  
RECIPROCATING TWO-STAGE RV-SERIES AIR COMPRESSORS.

5-7.5-10-15 HORSEPOWER  
RECIPROCATING AIR COMPRESSORS  
CENTURION II

At Champion, air compressor systems are our only products. We know and understand the application of our products in many different operating environments. Our goal is to provide you with the compressors that fulfill—and exceed—your expectations and requirements.

## LONG-LASTING PERFORMANCE.

Loaded with rugged features, splash-lubricated RV-Series reciprocating compressors deliver long-lasting performance and tremendous value. Special-alloy steel reed valves provide a self-cleaning design that maintains peak performance throughout the life of the compressor. Cast iron cylinders and heads offer rugged, industrial-rated dependability. Tank-mounted RV-Series units are available in 5, 7.5, 10 and 15 horsepower models, mounted on horizontal or vertical ASME air receivers for maximum installation versatility.

## STANDARD EQUIPMENT:

- Automatic start/stop operation
- Enclosed, hinged belt guard
- NEMA-rated electric motors
- Intake filter/silencer
- 0-300 PSIG air-pressure gauge on tank
- Deep finned intercooler
- Bucket high drain valve
- Preset pressure switch
- Oil level site glass
- Industrial grade intake filter/silencer

## AVAILABLE OPTIONS:

- Automatic tank drains (pneumatic\* and electric)
- Off-on selector switch mounted in starter
- Vibro isolators
- Mounted and wired magnetic starters
- Massachusetts tank specifications
- Low oil monitor\*
- Air-cooled aftercoolers (mounted)
- Flexible hose (16" x 3/4 NPT)

\* Not available with 3450 rpm motor



# SELECT THE RV-SERIES COMPRESSOR THAT'S RIGHT FOR YOU.

HP	Tank Cap. Gal.	Unit Model	Pump Comp. Model	Dimensions L X W X H inches	Boltdown L X W inches	Aprox. Ship Wt. lbs.	125 PSI Rating*			175 PSI Rating*		
							RPM	CFM Displ.	CFM Del'y	RPM	CFM Displ.	CFM Del'y
**5	60	HRV5-6	RV-15A	51 <sup>1</sup> / <sub>2</sub> X 22 <sup>3</sup> / <sub>4</sub> X 47 <sup>1</sup> / <sub>4</sub>	28 X 18	445	805	23.5	19.1	760	22.1	16.5
	80	HRV5-8		66 <sup>1</sup> / <sub>2</sub> X 22 <sup>3</sup> / <sub>4</sub> X 47 <sup>1</sup> / <sub>4</sub>	44 X 18	530						
	120	HRV5-12		72 <sup>1</sup> / <sub>4</sub> X 24 X 53 <sup>5</sup> / <sub>8</sub>	42 X 18 <sup>1</sup> / <sub>4</sub>	760						
**5	60	VRV5-6	RV-15A	32 <sup>1</sup> / <sub>2</sub> X 24 <sup>1</sup> / <sub>2</sub> X 76	4 on 23 BC	450	805	23.5	19.1	760	22.1	16.5
	80	VRV5-8		33 X 26 <sup>5</sup> / <sub>8</sub> X 76	4 on 25 <sup>1</sup> / <sub>2</sub> BC	530						
	120	VRV5-12		42 <sup>1</sup> / <sub>2</sub> X 30 X 79	4 on 28 BC	760						
7.5	60	HRV7F-6	RV-15A	51 <sup>1</sup> / <sub>2</sub> X 22 <sup>3</sup> / <sub>4</sub> X 47 <sup>1</sup> / <sub>4</sub>	28 X 18	510	1035	29.9	24.0	1035	29.9	22.9
	80	HRV7F-8		66 <sup>1</sup> / <sub>2</sub> X 22 <sup>3</sup> / <sub>4</sub> X 47 <sup>1</sup> / <sub>4</sub>	44 X 18	595						
	120	HRV7F-12		72 <sup>1</sup> / <sub>2</sub> X 24 X 53 <sup>5</sup> / <sub>8</sub>	42 X 18 <sup>1</sup> / <sub>4</sub>	820						
7.5	60	VRV7F-6	RV-15A	32 <sup>1</sup> / <sub>2</sub> X 24 <sup>1</sup> / <sub>2</sub> X 76	4 on 23 BC	515	1035	29.9	24.0	1035	29.9	22.9
	80	VRV7F-8		33 X 26 <sup>5</sup> / <sub>8</sub> X 76	4 on 25 <sup>1</sup> / <sub>2</sub> BC	595						
	120	VRV7F-12		42 <sup>1</sup> / <sub>2</sub> X 30 X 79	4 on 28 BC	820						
10	80	HRV10-8	RV-30A	66 <sup>1</sup> / <sub>2</sub> X 22 <sup>1</sup> / <sub>2</sub> X 48 <sup>1</sup> / <sub>2</sub>	44 X 18	675	810	48.5	37.3	740	43.1	34.8
	120	HRV10-12		72 <sup>1</sup> / <sub>2</sub> X 24 X 54	42 X 18 <sup>1</sup> / <sub>4</sub>	890						
10	120	VRV10-12	RV-30A	46 <sup>3</sup> / <sub>8</sub> X 30 X 79 <sup>3</sup> / <sub>4</sub>	4 on 28 BC	910	810	48.5	37.3	740	43.1	34.8
15	80	HRV15F-8	RV-30A	66 <sup>1</sup> / <sub>2</sub> X 22 <sup>3</sup> / <sub>4</sub> X 47 <sup>1</sup> / <sub>4</sub>	44 X 18	740	1045	63.5	49.0	1045	63.5	49.0
	120	HRV15F-12		72 <sup>1</sup> / <sub>2</sub> X 24 X 54	42 X 18 <sup>1</sup> / <sub>4</sub>	960						
15	120	VRV15F-12	RV-30A	46 <sup>3</sup> / <sub>8</sub> X 30 X 79 <sup>3</sup> / <sub>4</sub>	4 on 28 BC	980	1045	63.5	49.0	1045	63.5	49.0

\*Units tested in accordance with CAGI/PNEUROP Acceptance Test Code PN2CPTC2. \*\*Available with either 1750 or 3450 RPM. Motor comes with built-in TOLP (starter not required).

## ALWAYS EXPECT MORE FROM CHAMPION.

Your Champion distributor has the tools and expertise to serve you in every way. Whether you are looking for parts, service or advice, your Champion distributor will help you maximize the return on your compressor investment. Backed by solid warranty protection, Champion compressors are supported by a worldwide parts and service network dedicated to returning your compressor to service as quickly as possible.

Champion is now better able than ever to bring you the products, service and know-how that separate the leaders from the rest of the pack. Drawing on decades of experience, we have the products you need to keep you on the cutting edge of productivity and profitability.

## SPECIALLY BLENDED COMPRESSOR LUBRICANTS PROTECT YOUR INVESTMENT.

ChampLub lubricants are blended specifically for Champion compressors for use in the harsh compressor environment. They are sourced from extremely stable base stocks and enhanced with carefully selected additive packages to provide long life and superior protection. ChampLub lubricants are suitable for a variety of applications and are available as a mineral oil, synthetic or food-grade synthetic.

## THE CHAMPION EXPRESS LIMITED WARRANTY.

Champion warrants each new air compressor unit 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. Each new Champion RV-Series Assembled Unit has a two (2) year warranty on the compressor pump only against defects in materials or workmanship under normal use and service, from the date of installation or thirty (30) months from the date of shipment by a

Champion distributor, whichever may occur first. Head valves are warranted for the first year only. Champion makes no warranty on components and/or accessories furnished to Champion by third parties, such as electric motors 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.



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