

R-SERIES | 20-30 HP RECIPROCATING COMPRESSORS

Pump Model R-70A

Customized Solutions

Champion R-Series compressors provide the reliable, high quality compressed air that you've come to expect from Champion. R-Series compressors offer a wide selection of configurations and top-quality available options. With superior, professional-grade components and rugged standard features, R-Series compressors are guaranteed to provide the performance you demand.

Standard Features

- Loadless starting (via centrifugal unloader)
- ASME interstage pressure relief valve
- ODP NEMA 1760 RPM motor
- 10 Micron industrial grade intake air filter
- ASME coded receiver
- 0-300 PSIG air pressure gauge
- Available voltages
 - 1 Phase—115/208-230
 - 3 Phase—208/230/460/575
- 1-Year package warranty
- 5-Year pro-rated pump warranty

Available Options

- Multiple tank sizes and variations
- Electric or engine driven
- NEMA 4 full-voltage starter upgrade
- Premium efficiency motor upgrades
- Control panel upgrades
- Aftercooler with or without moisture separator
- Low oil-level monitor (NEMA 1 or 4)
- Dual control
- Vibration isolators
- High temperature switch (NEMA 1 or 4)
- Available switches (NEMA 1 or 4)
 - Test/Off/Auto, Hand/Off/Auto, Off/On
- Pneumatic or electric tank drain



BARE PUMP

MODEL	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	BORE DIA. INCHES	STROKE INCHES	# OF CYLINDERS	OIL CAPACITY QTS.	MIN/MAX PUMP RPM
R-70A	26.7 x 33.5 x 33.8	570	6.3 & 3.3	4	4	6.5	425/1000

BASE MOUNTED UNITS

MOTOR HP	R-SERIES CABRSA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	125 PSI RATING		175 PSI RATING	
				RPM	CFM DEL'Y	RPM	CFM DEL'Y
20	BRA20	57 x 33.9 x 39.8	1000	770	91.9	665	76.7
25	BRA25	57 x 33.9 x 39.8	1020	890	102.1	770	90.1
30	BRA30	57 x 33.9 x 39.8	1059	890	102.1	890	101.1

SIMPLEX HORIZONTAL TANK MOUNTED UNITS

MOTOR HP	TANK CAPACITY GAL.	R-SERIES CASRSA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	125 PSI RATING		175 PSI RATING	
					RPM	CFM DEL'Y	RPM	CFM DEL'Y
20	120	HRA20-12	72.6 x 33.9 x 63.6	1325	770	91.9	655	76.7
20	250	HRA20-25	89.2 x 64.5 x 70.6	1790	770	91.9	655	76.7
25	120	HRA25-12	72.6 x 33.9 x 63.6	1365	890	102.1	770	90.1
25	250	HRA25-25	89.2 x 64.5 x 70.6	1735	890	102.1	770	90.1
30	120	HRA30-12	72.6 x 33.9 x 63.6	1404	890	102.1	890	101
30	250	HRA30-25	89.2 x 64.5 x 70.6	1774	890	102.1	890	101

DUPLEX TANK MOUNTED UNITS

MOTOR HP	TANK CAPACITY GAL.	R-SERIES CADRSA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	125 PSI RATING		175 PSI RATING	
					RPM	CFM DEL'Y	RPM	CFM DEL'Y
20 (2)	250	HRA20D-25	89.2 x 64.5 x 75.3	2845	770	183.8	655	153.4
25 (2)	250	HRA25D-25	89.2 x 64.5 x 75.3	2940	890	204.2	770	180.2
30 (2)	250	HRA30D-25	89.2 x 64.5 x 75.3	3018	890	204.2	890	202

CHAMPION

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