

PL-SERIES | 20-30 HP RECIPROCATING COMPRESSORS

## Pump Model PL-70A

### The Solution to Your Application

Champion PL-Series pressure lubricated compressors offer rugged standard features, a wide selection of configurations, quality available options, and a time-tested design. High performance, long life and tremendous value make Champion compressors the proven solution to your application.

### Standard Features

- Magnetic Starter
- Loadless starting (via hydraulic unloader)
- Dual control
- ASME pressure relief valve
- ODP NEMA 1760 RPM motor
- 10 Micron 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-pressure switch (NEMA 1 or 4)
- Vibration isolators
- High temperature switch (NEMA 1 or 4)
- Available switches (NEMA 1 or 4)
  - Hand/Off/Auto, Off/On
- Pneumatic or electric tank drain



## BARE PUMP

MODEL	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	DISPL./REV. CUBIC FEET	BORE DIA. INCHES	STROKE INCHES	# OF CYLINDERS	OIL CAPACITY QTS.	MIN/MAX PUMP RPM
PL-70A	28.6 x 33.5 x 33.8	570	0.1420	6.3 & 3.3	4	4	4	425/1000

## BASE MOUNTED UNITS

MOTOR HP	PL-SERIES CBBPLA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	125 PSI RATING		175 PSI RATING		250 PSI RATING	
				RPM	CFM DEL'Y	RPM	CFM DEL'Y	RPM	CFM DEL'Y
20	BPL20	57.9 x 33.9 x 39.8	1000	770	91.9	665	76.7	545	64.1
25	BPL25	57.9 x 33.9 x 39.8	1020	890	102.1	770	90.1	660	76.8
30	BPL30	57.9 x 33.9 x 39.8	1059	890	102.1	890	101.1	770	90

## SIMPLEX HORIZONTAL TANK MOUNTED UNITS

MOTOR HP	TANK CAPACITY GAL.	PL-SERIES CBSPLA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	125 PSI RATING		175 PSI RATING		250 PSI RATING	
					RPM	CFM DEL'Y	RPM	CFM DEL'Y	RPM	CFM DEL'Y
20	120	HPL20-12	72.6 x 33.9 x 63.6	1325	770	91.9	655	76.7	545	64.1
20	250	HPL20-25	89.2 x 33.9 x 70.6	1790	770	91.9	655	76.7	545	64.1
25	120	HPL25-12	72.6 x 33.9 x 63.6	1365	890	102.1	770	90.1	660	76.8
25	250	HPL25-25	89.2 x 33.9 x 70.6	1735	890	102.1	770	90.1	660	76.8
30	120	HPL30-12	72.6 x 33.9 x 63.6	1404	890	102.1	890	101	770	90
30	250	HPL30-25	89.2 x 33.9 x 70.6	1774	890	102.1	890	101	770	90

## DUPLEX TANK MOUNTED UNITS

MOTOR HP	TANK CAPACITY GAL.	PL-SERIES CBDPLA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	125 PSI RATING		175 PSI RATING		250 PSI RATING	
					RPM	CFM DEL'Y	RPM	CFM DEL'Y	RPM	CFM DEL'Y
20 (2)	250	HPL20D-25	89.2 x 64.5 x 75.3	2845	770	183.8	655	153.4	545	128.2
25 (2)	250	HPL25D-25	89.2 x 64.5 x 75.3	2940	890	204.2	770	180.2	660	153.6
30 (2)	250	HPL30D-25	89.2 x 64.5 x 75.3	3018	890	204.2	890	202	770	180

Simplex CFM values are doubled for duplex units. Duplex units have two motors and two pumps on one tank.

# CHAMPION

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CR-PL-PL70 1st Ed. 11/15