

PL-SERIES | 3-7.5 HP RECIPROCATING COMPRESSORS

## Pump Model PL-15A

### 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-15A	20 x 16.9 x 23.3	125	0.02916	4.6 & 2.5	4	4	2	375/1000

## 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
3	BPL3	38 x 25 x 29.5	230	485	10.9	440	9.7	380	8
5	BPL5	38 x 25 x 29.5	280	805	19.1	734	17.3	640	13.6
7.5	BPL7F	38 x 25 x 29.5	310	990	23.9	990	23.1	870	18.2

## SIMPLEX TANK MOUNTED UNITS

MOTOR HP	TANK CAPACITY GAL.	HORIZONTAL TANK MOUNTED			VERTICAL TANK MOUNTED			125 PSI RATING		175 PSI RATING		250 PSI RATING	
		PL-SERIES CBSPLA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	PL-SERIES CBSPLA	DIMENSIONS L x W x H INCHES	APPROX. SHIP WEIGHT LBS.	RPM	CFM DEL'Y	RPM	CFM DEL'Y	RPM	CFM DEL'Y
3	60	HPL3-6	51 x 22.5 x 49	425	VPL3-6	30.5 x 24 x 76	425	485	10.9	440	9.7	380	8
3	80	HPL3-8	66 x 22.5 x 49	485	VPL3-	32.5 x 24 x 75	485	485	10.9	440	9.7	380	8
3	120	HPL3-12	71.5 x 25.5 x 53	725	VPL3-12	36 x 30 x 81	725	485	10.9	440	9.7	380	8
5	60	HPL5-6	51 x 22.5 x 49	445	VPL5-6	30.5 x 24 x 76	445	805	19.1	734	17.3	640	13.6
5	80	HPL5-8	66 x 22.5 x 49	535	VPL5-8	32.5 x 24 x 75	545	805	19.1	734	17.3	640	13.6
5	120	HPL5-12	71.5 x 25.5 x 53	765	VPL5-12	36 x 30 x 81	765	805	19.1	734	17.3	640	13.6
7.5	80	HPL7F-8	66 x 22.5 x 49	570	VPL7F-8	32.5 x 24 x 75	635	990	23.9	990	23.1	870	21.3
7.5	120	HPL7F-12	71.5 x 25.5 x 53	765	VPL7F-12	36 x 30 x 81	765	990	23.9	990	23.1	870	21.3

## 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
3 (2)	80	HPL3D-8	71.5 x 31 x 49	725	485	21.8	440	19.4	380	16
3 (2)	120	HPL3D-12	75 x 30 x 56.5	950	485	21.8	440	19.4	380	16
5 (2)	80	HPL5D-8	71.5 x 31 x 49	755	805	38.2	734	34.6	640	27.2
5 (2)	120	HPL5D-12	75 x 30 x 56.5	980	805	38.2	734	34.6	640	27.2
7.5 (2)	120	HPL7DF-12	75 x 30 x 56.5	1150	990	47.8	990	46.2	870	36.4
7.5 (2)	250	HPL7DF-25	88.5 x 34.3 x 56.5	1485	990	47.8	990	46.2	870	36.4

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

**COMPRESSED**  
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