

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.

CHAMPION

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