

Champion® PL-Series 20–30 hp Reciprocating Compressors

SKU: PL-SERIES-70A

Price: ?0.00



Description

The PL-Series compressor has been designed to operate in extreme duty applications. Because the PL-Series can operate up to 250 psi, and run in off-level operations, it is a true industrial use compressor. The PL-Series features domed pistons, integral cylinder head, disc valves, and an oil pump that provides lubricant to all crucial parts of the compressor. From its extra heavy duty design to its ease of maintenance, the Champion PL-Series exemplifies reliability, durability, and quality.

Standard Equipment

- 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 psi air pressure gauge
- Available voltages
 - 115/208-230V - 1 Phase
 - 208/230/460/575 V - 3 Phase
- 1-Year package warranty
- 5-Year pro-rated pump warranty

Available Options

- Multiple tank sizes and variations (120- and 250-gallon, horizontal and vertical receivers)
- 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
- 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) - in	Shipping Weight - lb	Displ./Rev. Cubic Feet	Bore Dia. Inches	Stroke Inches	# of Cylinders	Oil Capacity qt	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

HP Model	Dimensions (L x W x H) - in	Shipping Weight - lb	125 psi RPM	125 psi Rating - CFM	175 psi RPM	175 psi Rating - CFM	250 psi RPM	250 psi Rating - CFM
20 BPL20	57.9 x 33.9 x 39.8	1000	770	91.9	665	76.7	545	64.1
25 BPL25		1020	890	102.1	770	90.1	660	76.8
30 BPL30		1059	890	102.1	890	101.1	770	90

Simplex Tank Mounted Units

HP	Tank Capacity Options - gal	125 psi RPM	125 psi Rating - CFM	175 psi RPM	175 psi Rating - CFM	250 psi RPM	250 psi Rating - CFM
20	120 or 250	770	91.9	655	76.7	545	64.1
25	120 or 250	890	102.1	770	90.1	660	76.8
30	120 or 250	890	102.1	890	101	770	90

Duplex Tank Mounted Unit

HP	Tank Capacity Options - gal	125 psi RPM	125 psi Rating - CFM	175 psi RPM	175 psi Rating - CFM	250 psi RPM	250 psi Rating - CFM
20 (2)	250	770	183.8	655	153.4	545	128.2
25 (2)	250	890	204.2	770	180.2	660	153.6

30 (2) 250

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. For full configuration information, refer to product information under the Brochure tab.