

# Champion® PL-Series 7.5–15 hp Reciprocating Compressors

**SKU:** PL-SERIES-30A

**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 (60-250 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-30A	23.6 x 22.4 x 26	220	0.05828	4.6 & 2.5	3	4	4	400/1000

## 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
7.5	BPL7	43 x 22.5 x 28.5	310	670	30	575	25.87	520	21.3
10	BPL10	43 x 22.5 x 28.5	540	810	37.3	740	34.8	640	27.5
15	BPL15F	19.5 x 26.5 x 28.8	550	1045	50.2	1045	49	900	42.6

## 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
7.5	80, 120	670	30	575	25.8	520	21.3
10	80, 120, 250	810	37.3	740	34.8	640	27.5
15	120, 250	1045	50.2	1045	49	900	42.6

## Duplex 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
7.5 (2)	120, 250	670	60	575	51.6	520	85.2
10 (2)	120, 250	810	74.6	740	69.6	640	55

15 (2) 120, 250      1045   100.4      1045   98      900   85.2

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.