

Champion® PL-Series 3-7.5 hp Reciprocating Compressors

SKU: PL-SERIES-15A

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

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

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 |
|-----|--------------------------------|----------------|-------------------------|----------------|-------------------------|----------------|-------------------------|
| 3 | 60, 80, 120 | 485 | 10.9 | 440 | 9.7 | 380 | 8 |
| 5 | 60, 80, 120 | 805 | 19.1 | 734 | 17.3 | 640 | 13.6 |
| 7.5 | 80, 120 | 990 | 23.9 | 990 | 23.1 | 870 | 18.2 |

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 |
|---------|--------------------------------|----------------|-------------------------|----------------|-------------------------|----------------|-------------------------|
| 3 (2) | 80, 120 | 485 | 21.8 | 440 | 19.4 | 380 | 16 |
| 5 (2) | 80, 120 | 805 | 38.2 | 734 | 34.6 | 640 | 27.2 |
| 7.5 (2) | 120, 250 | 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. For full configuration information, refer to product information under the Brochure tab.