

Quincy® PLT

3-15 hp • Two-Stage Pressure-Lubricated Compressor



High pressure. Low cost.

The advantage of pressure-lubricated compressors has always come with a hefty price – until now. Introducing the Quincy PLT two-stage, pressure-lubricated compressor.

Specially engineered to deliver the high pressure you need at a price point that's well within your budget, the Quincy PLT produces up to 175 psig and is rated at a 100% duty cycle. Of course, when it comes to reliability, standard features, and available options the Quincy PLT lives up to the renowned Quincy name.

Standard Unit Features

- EPAAct high-efficiency motor, 230/460 volt
- ODP motor
- ASME-coded receiver
- ASME-coded relief valves in the interstage, discharge line, and receiver tank
- Pressure gauge and service valve
- Pressure switch (electric units)
- Loadless starting
- Kohler or Honda gas engine (on utility truck units)
- OSHA compliant, totally enclosed belt guard
- All electrical components are UL-approved
- Auto start/stop control
- Factory fill of Quin-Cip® lubricant
- Manually operated drain valve

Options

- 208/230/460 mounted and wired full-voltage starters
- TEFC
- California Code 462L OSHA approval available on request
- Special voltage motors
- Heavy-duty filter silencers
- Factory-installed air- and water-cooled aftercoolers
- Electronic drain valve
- Vibration isolators
- Duplex Control panels
- New low oil level shutdown
- Full two-year warranty

Quincy Compressor®

True Blue ReliabilitySM

See how Quincy Compressor can work for you.
Call: 217.222.7700
Nearest Distributor: 888.4-AIR-QCY (888.424.7729)
E-mail: recip@quincycompressor.com
Discover: www.quincycompressor.com

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Basic Compressor Features

- Pressure-lubricated connecting rod bearings
- Pressure-lubricated wrist pin 10 & 15 hp
- Splash-lubricated wrist pin bearings 5 & 7.5 hp
- Needle bearing on the H.P. rod pin
- Gerotor positive displacement oil pump (counter clockwise rotation only)
- Aluminum head, deep finned for cooling
- Die-cast aluminum valve plates
- Stainless-steel reed valves
- Ductile iron, double throw crankshaft, counter weighted for balanced running
- Industrial main ball bearings provide precise alignment and handle both radial and thrust loads
- Two-piece aluminum connecting rods with integrated oil dippers
- Aluminum H.P. and L.P. pistons
- Finned tube inter-cooler in pulley fan blast
- Sight level oil gauge
- Non-asbestos gaskets
- Inlet filter

Two-stage Tank-mounted units

| Model | hp | No. of Cyl. | rpm† | cfm Piston Displ.† | acfm @ 175 psi† | Tank Size (gal) | Approx Ship Wt. (lbs) | LxWxH (inches) |
|---------------|----------------|-------------|------|--------------------|-----------------|-----------------|-----------------------|----------------|
| PLTH-3-80 | 3 | 2 | 583 | 12.7 | 10.50 | 80 | 537 | 70x23x45 |
| PLTV-3-60 | 3 | 2 | 583 | 12.7 | 10.50 | 60 | 487 | 37x22x73 |
| PLTV-3-80 | 3 | 2 | 583 | 12.7 | 10.50 | 80 | 572 | 37x24x73 |
| PLTV-5-60E | 5 ^A | 2 | 914 | 19.9 | 16.30 | 60 | 502 | 37x22x73 |
| PLTV-5-80E | 5 ^A | 2 | 914 | 19.9 | 16.30 | 80 | 582 | 37x24x73 |
| PLTV-5-60 | 5 | 2 | 942 | 21.8 | 17.20 | 60 | 502 | 37x22x73 |
| PLTH-5-80 | 5 | 2 | 942 | 21.8 | 17.20 | 80 | 542 | 70x23x45 |
| PLTV-5-80 | 5 | 2 | 942 | 21.8 | 17.20 | 80 | 582 | 37x24x73 |
| PLTV-7.5-80 | 7.5 | 2 | 1034 | 28.55 | 22.60 | 80 | 590 | 37x24x74 |
| PLTH-7.5-80 | 7.5 | 2 | 1034 | 28.55 | 22.60 | 80 | 590 | 70x23x47 |
| PLTV-7.5-120 | 7.5 | 2 | 1034 | 28.55 | 22.60 | 120 | 705 | 40x30x72 |
| PLTH-7.5-120 | 7.5 | 2 | 1034 | 28.55 | 22.60 | 120 | 685 | 73x27x52 |
| PLTV-7.5-80E | 7.5 | 2 | 1026 | 28.33 | 22.40 | 80 | 570 | 37x24x47 |
| PLTH-7.5-80E | 7.5 | 2 | 1026 | 28.33 | 22.40 | 80 | 570 | 70x23x47 |
| PLTV-7.5-120E | 7.5 | 2 | 1026 | 28.33 | 22.40 | 120 | 705 | 40x30x72 |
| PLTH-7.5-120E | 7.5 | 2 | 1026 | 28.33 | 22.40 | 120 | 683 | 73x27x52 |
| PLTH-10-120 | 10 | 4 | 676 | 43.50 | 37.20 | 120 | 895 | 73x26x49 |
| PLTH-15-120 | 15 | 4 | 950 | 61.20 | 52.5 | 120 | 970 | 73x26x49 |

^A Starter Not Required

Engine-powered Two-stage Air Compressors units

| Model | hp | No. of Cyl. | rpm† | cfm Piston Displ.† | acfm @ 175 psi† | Tank Size (gal) | Approx Ship Wt. (lbs) | LxWxH (inches) |
|---------------|----|-------------|------|--------------------|-----------------|-----------------|-----------------------|----------------|
| PLTG-11H | 11 | 2 | 1050 | 22.9 | 18.30 | 30 | 485 | 39x25x39 |
| PLTG-11K | 11 | 2 | 1050 | 22.9 | 18.30 | 30 | 485 | 39x25x39 |
| PLTG-13 | 13 | 2 | 1060 | 29.3 | 23.20 | 30 | 510 | 42x21x38 |
| PLT5-10Y-30 | 10 | 2 | 1050 | 22.9 | 18.50 | 30 | 495 | 42x21x38 |
| PLT7.5-10Y-30 | 10 | 2 | 1060 | 29.5 | 23.40 | 30 | 520 | 42x21x40 |

Duplex Two-stage Tank-mounted units

| Model | hp | No. of Cyl. | rpm† | cfm Piston Displ.† | acfm @ 175 psi† | Tank Size (gal) | Approx Ship Wt. (lbs) | LxWxH (inches) |
|----------|-----|-------------|------|--------------------|-----------------|------------------|-----------------------|-----------------------|
| PLTD-3 | 3 | 2 | 583 | 12.7 | 10.50 | 80 | 888 | 69x24x45 |
| | | | | | | 120 ^B | 1039 ^B | 77x26x50 ^B |
| PLTD-5 | 5 | 2 | 942 | 21.8 | 17.70 | 80 | 927 | 69x24x45 |
| | | | | | | 120 ^B | 1079 ^B | 77x26x50 ^B |
| PLTD-7.5 | 7.5 | 2 | 1034 | 28.5 | 22.60 | 120 | 1090 | 77x26x51 |

^B Optional receiver data

Basic Compressors

| Model | Typical hp Range | Bore L.P. | Bore H.P. | Stroke | No. Cyl. | Min. rpm | acfm @ Min. rpm | Max. ^C rpm 175 psig | acfm @ Max. rpm | Approx. Ship Wt. |
|---------|------------------|-----------|-----------|--------|----------|----------|-----------------|--------------------------------|-----------------|------------------|
| PLT-5 | 3-5 | 4.00 | 2.25 | 3.00 | 2 | 400 | 6.70 | 1050 | 18.30 | 140 |
| PLT-7.5 | 7.5 | 4.50 | 2.50 | 3.00 | 2 | 540 | 11.80 | 1060 | 23.20 | 150 |
| PLT-15 | 10 | 4.50 | 2.50 | 3.50 | 4 | 400 | 22.10 | 1150 | 63.50 | 375 |

^C Max speeds are for gas-driven models only.

† (All compressor performance data is rated with 230/460, 60Hz, 3ph, EPA high-efficiency motor speeds.)

Max. Pressure=175 psig on all PLT products

See the PLT technical data sheet for exact dimensions.

Proper filtration must be used for breathing air applications to meet OSHA 29CFR1910.134.

We reserve the right to change specifications without liability, without advance notice, and without incurring any obligation for products previously or subsequently sold.

All performance data meets CAGI/PNEUROP PN2CPTC2 and PN2CPTC3 acceptance test codes for electrically and I.C. engine-driven packaged displacement air compressors.

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True Blue ReliabilitySM

