The Quincy QT reciprocating piston air compressor is more than just your typical splash lubricated two-stage. The highly efficient robust QT delivers more air (CFM) per brake horsepower while consuming less energy. We use cast-iron where it’s needed for strength and durability, and aluminum where it’s needed for optimum cooling for long life. A Quincy compressor may cost you a little more up front, but over time the long lasting performance will save you money.

What Makes It A Quincy?

Compressor Head, Gaskets and Valves
• Aluminum head for cooler operating temperatures and longer life.
• Graphite cylinder and head gaskets for positive sealing and improved performance.
• Stainless steel, corrosion resistance reed valves with controlled lift for maximum efficiency.

Interstage Intercooler
• Finned copper tubed intercooler dissipates excess heat from the first stage of compression to the second-stage, helping to eliminate carbon build up in the head and increase valve life.

Flywheel
• Large balanced cast-iron flywheel for smoother operation, angled for maximum cooling across the compressor for longer life.

Rings
• High performance, automotive-style rings allow less than 6 ppm oil carryover.

Crankshaft
• Balanced counter-weighted crankshaft for smooth, trouble-free operation.

Construction
• Cast-iron cylinder, flywheel, and crankcase for dependability.
• The extra capacity oil reservoir assures low oil temperatures for lasting performance.

Superior Components
Quincy packs a one-two punch when comparing components to lower priced compressors. We feature IEC magnetic starters, premium motors, high quality pressure switches, metal automotive style filter/silencers, and a manual ball valve-style tank drain.
QT—Tough Inside and Out

Valve design provides the highest volumetric efficiency in the marketplace, using stainless-steel valves for maximum strength.

ASME-code interstage pressure relief valves.

Graphite cylinder and head gaskets for positive sealing integrity.

Cast-iron cylinders maintain rigid tolerances for high efficiency.

Industrial-class bearings ensure long operating life.

Extra capacity oil reservoir assures low oil temperature.

Balanced counter-weighted crankshaft assures smooth, trouble-free operation.

Fan type cast-iron flywheel delivers a powerful flow of air across the intercooler, cylinder and heads for effective unit cooling and smooth operation.

High-efficiency fin and tube intercooler reduces interstage air temperature for maximum performance and increased valve life.

Two-piece connecting rods make service easier.

Cast-iron construction for dependability and smooth operation.

QT Basic Compressors

<table>
<thead>
<tr>
<th>Model #</th>
<th>Typical HP Range</th>
<th>Bore LP (Inches)</th>
<th>Bore HP (Inches)</th>
<th>Stroke (Inches)</th>
<th>No of Cyl.</th>
<th>Min. RPM</th>
<th>ACFM @175 PSIG @Min. RPM</th>
<th>Max. RPM</th>
<th>ACFM @175 PSIG @Max. RPM</th>
<th>Shipping Weight</th>
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Premium Features

**QT Compressor Features**

- Splash Lubricated Two-Stage
- Cast-iron Crankcase, Cylinders and Flywheel
- Stainless Steel Reed Valves with Valve Bumpers
- Ductile Iron, Double Throw Crankshaft
- Industrial Ball Bearings
- Two-Piece Aluminum Connecting Rods
- Fin and Tube Intercooler
- Sight Glass Oil Gauge on QT-5, QT-7.5 and QT-10
- Bayonet Type Oil Gauge - QT-15
- Automotive Style Inlet Filter/Silencer
- One-Year Warranty Standard

**QT Unit Features**

- Slow Speed Open Drip Proof Motors; 200, 230, 460 or 575 Volt (QT-5 through QT-15)
- 200 PSIG-Rated ASME/CRN-Coded Receiver
- ASME-Coded Relief Valves in the Interstage, Discharge Line and Receiver Tank
- Tank Pressure Gauge
- Service Valve
- Pressure Switch on Electric Models
- Loadless Auto-Stop/Start Controls
- 200, 230, 460, 575 Volt Full Voltage Magnetic Starters††
- Single Source Duplex Control Panels on Duplex Units†
- Kohler, Honda and Yanmar Engines
- OSHA Complaint Totally Enclosed Belt Guard
- UL Listed and CSA certified electrical components
- Manual Ball Valve Tank Drain†
- Factory Fill of Quin-Cip Lubricant
- One-Year Warranty Standard
- True Blue Warranty on Pro and Max Packages

**QT Optional Configured Features**

- Totally Enclosed Fan Cooled Motors (TEFC)
- NEMA 4
- California Code 462L OSHA Approval
- Air Cooled Aftercoolers*
- Pneumatic Tank Drain*
- Vibration Isolators on Horizontal Models*
- Simplex Control Panel (15 HP Max*)
- Dual Power Source Duplex Control Panel
- Low Oil Level Switch*
- Dual Controls (Standard on 15 HP Pro and Standard 10-15hp Max Units)
- Optional Tank Sizes
- Base Mounted Units

* included on Max models
† included on Pro models
** Combination Pressure Switch/Starter or Magnetic Starter on QT-5 230-Volt Single-Phase

---

*Included on Max models
† Included on Pro models
**Combination Pressure Switch/Starter or Magnetic Starter on QT-5 230-Volt Single-Phase
# Quincy QT Model Information

<table>
<thead>
<tr>
<th>HP</th>
<th>Phase</th>
<th>Volt</th>
<th>Unit Configuration</th>
<th>Tank Size (Gal)</th>
<th>ACFM @ 175 psig</th>
<th>RPM</th>
<th>Splash Lubricated Model</th>
<th>QT Pro Part Number</th>
<th>QT Max Part Number</th>
<th>Approx Ship Wt. (lbs.)</th>
<th>LxWxH (Inches)</th>
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<td>2153D20DC23M</td>
<td>1900</td>
<td>106x30x64</td>
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</table>

QT is available in five splash lubricated two-stage models from 5 HP to 15 HP. The 230-volt single-phase and three-phase Pro and Max part numbers are listed on the chart above. All Pro and Max part numbers are voltage specific. See your Quincy Compressor distributor for additional voltages and part numbers.

## QT Pro Package 5-15 HP
- ODP Slow Speed Motor
- Motor Overload Protection
- Ball Valve Tank Drain
- Automatic Start/Stop 5 to 10 HP
- Dual Control on 15 HP
- True Blue 5-Year Warranty

## QT Max Package 5-15 HP
- ODP Slow Speed Motor
- Motor Overload Protection
- Pneumatic Tank Drain
- Automatic Start/Stop 5 to 7.5 HP
- Dual Control on 10-15 HP
- Low Oil Level Shutdown
- Air Cooled Aftercooler
- Isolator Pads on Horizontals
- True Blue 5-Year Warranty

### MAX Units Include:
- Air-cooled aftercooler
- Pneumatic tank drain
- Low oil level switch and magnetic starter

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QT 7.5 Max Unit Package
Engine Driven
QT engine driven models are available with a gasoline Honda or Kohler engine or a Yanmar diesel engine. Honda and Kohler engines are electric and pull start. Yanmar engine is electric start only. Battery and cables not included.

<table>
<thead>
<tr>
<th>Fuel Type</th>
<th>HP</th>
<th>Engine Brand</th>
<th>Tank Configuration</th>
<th>Tank Size (Gal)</th>
<th>Splash Lubricated Model</th>
<th>ACFM @ 175 psig</th>
<th>RPM</th>
<th>Part Number</th>
<th>LxWxH (Inches)</th>
<th>Approx. Ship Wt. (lbs)</th>
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**Compressor Selection**
Before purchasing a compressor you need to know the CFM requirement of all the tools that will be running at one time, maximum PSI and electrical characteristics if applicable.

<table>
<thead>
<tr>
<th>Tool Guide</th>
<th>Average CFM @ 90 PSI**</th>
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</thead>
<tbody>
<tr>
<td>Brad Nailer</td>
<td>2</td>
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<tr>
<td>Framing Nailer</td>
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<tr>
<td>3/8” Impact Wrench</td>
<td>2.5 to 4</td>
</tr>
<tr>
<td>1/2” Impact Wrench</td>
<td>4 to 5</td>
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<td>Drill</td>
<td>3 to 6</td>
</tr>
<tr>
<td>3/8” Air Ratchet</td>
<td>4.5 to 5</td>
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<td>Grease Gun</td>
<td>4</td>
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<tr>
<td>Nibbler</td>
<td>4</td>
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<tr>
<td>Mini Die Grinder</td>
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<td>Air Reciprocating Saw</td>
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<td>Paint Spray Gun</td>
<td>7 to 9</td>
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<td>Angle Polisher</td>
<td>8</td>
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<td>Orbital Sander</td>
<td>6 to 9</td>
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<tr>
<td>Straight Line Air Sander</td>
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</tbody>
</table>

**Note: See tool manufacturer for exact CFM and PSI requirements.

CFM- Cubic Feet per minute. The volume of air measuring the compressor’s capacity or the amount of air the compressor will deliver.

PSI- Pounds per square inch. This is the measurement of pressure or the force contained in the compressed air.

Quincy recommends you allow 20-25% for additional tools, future growth and/or the possible air leaks downstream from your compressor. If a compressor is undersized your tools will not function properly. Electric motors are designed for 6-8 starts and stops an hour.

Maintain Your Equipment with Genuine Quincy Parts and Lubricants
Quin-Cip and Quin-Cip D premium quality lubricants protect against high temperatures and extend equipment life by reducing frictional wear on compressor bearings and cylinders. The polyester washable air filter element on the QT-5 through QT-15 is 99% efficient at 1 Micron. Regular use of Quincy genuine parts and lubricants add years to the life of your compressor.
Quincy Refrigerated Air Dryers

Quincy refrigerated air dryers allow plant equipment to run efficiently, and process more reliably, by providing the cleanest compressed air utility possible. Payback starts immediately upon start up.

- High-temp dryers
- Cycling & non-cycling designs
- Environmentally friendly refrigerant
- Two-valve balanced system on all units
- High performance heat exchangers
- Easy access, powder-coated cabinets
- Fully instrumented

AIRnet Premium Piping

AIRnet can be installed three times faster than conventional pipe, greatly reducing installation costs. All pipe can be cut to size with an AIRnet tube cutter. Ranging in sizes 3/4", 1", 2", 21/2", 3", and 4", AIRnet “push-and-twist” engineered polymer fittings provide leak-free alignment. Diameters up to one inch can be hand tightened. Larger diameters are tightened with a spanner wrench. Plus, AIRnet comes with a 10-year guarantee on fittings and pipes against any damage resulting from material defects.

- Watertight; resistant to four times working pressure (764 psi)
- Thermo tested according to ISO 580-1973
- Vibration tested for 3 million cycles at different amplitudes and frequencies
- Approved for outdoor installation
- 500,000 cycle pressure pulsation test with impulse pressure variation from 0 to 1.5 times design pressure
Today, Quincy is the only manufacturer that gives you the best choice from the Tough QT to the Tougher QP and the Toughest reciprocating compressor the highly customizable QR.

Performance You Demand. Reliability You Trust.®
• Tough QT splash lubricated 5 HP to 15 HP, 175 PSI maximum working pressure
• Tougher QP fully pressure lubricated 5 HP to 15 HP, 175 PSI maximum working pressure
• Toughest QR fully pressure lubricated 1 HP to 25 HP, up to 500 PSI maximum working pressure

Visit quincycompressor.com to learn more

Compressed Air Best Practices

Proper filtration must be used for breathing air applications to meet OSHA29CFR1910.134.

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