QT Series

QT Pro 5-15 | QT Max 5-15 | QT-54
QT Series—Tough Inside and Out

1. Optimum Strength
   Aluminum head for strength and optimum heat dissipation.

2. Pressure Relief
   ASME-code interstage pressure relief valves.

3. Positive Sealing Integrity
   Graphite cylinder and head gaskets for positive sealing integrity.

4. High Efficiency
   Cast-iron cylinders maintain rigid tolerances for high efficiency.

5. Extended Piston Life
   Industrial-class bearings ensure long operating life.

6. Low Oil Temperature
   Extra-capacity oil reservoir assures low oil temperature.

7. Durable Construction
   Cast-iron construction for dependability and smooth operation.

8. Built-In Compressor Protection
   Two-piece connecting rods make service easier.

9. Maximum Performance
   High-efficiency fin and tube intercooler reduces inter-stage air temperature for maximum performance and increased valve life.

10. Trouble-Free Operation
    Balanced counter-weighted crankshaft assures smooth, trouble-free operation.

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

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

### QT Basic Compressors

<table>
<thead>
<tr>
<th>Model</th>
<th>Typical HP Range</th>
<th>Bore LP inches</th>
<th>Stroke inches</th>
<th>Number of Cyl.</th>
<th>Min. RPM</th>
<th>Max. RPM</th>
<th>*ACFM @175 PSIG @ Min. RPM</th>
<th>Max. RPM</th>
<th>ACFM @175 PSIG @ Max. RPM</th>
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<td>1150</td>
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Powerful Performance

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 and 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 resistant 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.
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; QT-54
• 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 Inter-stage, 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 Diesel 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
• Optional NO BULL Warranty 3-Year Pump/2-Year Package Warranty

QT Optional Configured Features

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

Manufactured in Bay Minette, Alabama
Performance You Demand.
Reliability You Trust.
### 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 Pro Part Number</th>
<th>Approx Ship Wt. (lbs.)</th>
<th>LxWxH (In)</th>
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<td>200</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. The QT-5 is also available as a Pro Plus option. This offers all the amenities as the Max without the LOL switch.

### QT Pro Package 5-15 hp
- ODP Motor
- Motor Overload Protection
- Ball Valve Tank Drain
- Automatic Start/Stop 5 to 10 hp
- Dual Control on 15 hp
- NO BULL Warranty Available

### QT Pro Plus Package 5 hp only
- ODP Slow Speed Motor
- Motor Overload Protection
- Automatic Tank Drain
- Automatic Start/Stop 5 to 7.5 hp
- Dual Control on 10-15 hp
- Low Oil Level Shutdown
- NO BULL Warranty Available

### MAX Units Include:
- Air-cooled aftercooler
- Low oil level switch and magnetic starter/panel
- NO BULL Warranty Available

### QT Max Package 5-15 hp
- ODP Slow Speed Motor
- Motor Overload Protection
- Automatic Tank Drain
- Automatic Start/Stop 5 to 7.5 hp
- Dual Control on 10-15 hp
- Low Oil Level Shutdown
- Air Cooled Aftercooler
- NO BULL Warranty Available
### Engine Driven

QT engine driven models are available with a gasoline Honda or Kohler engine or a diesel engine. Honda and Kohler engines are electric and pull start. Diesel 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 (in)</th>
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<td>G214K30HCD</td>
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<td>502</td>
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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.

**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.**

**Compressor Selection**

- **Brad Nailer**: 2
- **Framing Nailer**: 3
- **3/8” Impact Wrench**: 2.5 to 4
- **1/2” Impact Wrench**: 4 to 5
- **1” Impact Wrench**: 10
- **Drill**: 3 to 6
- **3/8” Air Ratchet**: 4.5 to 5
- **Grease Gun**: 4
- **Nibbler**: 4
- **Mini Die Grinder**: 4 to 6
- **Air Hammer**: 6
- **Air Reciprocating Saw**: 7
- **Paint Spray Gun**: 7 to 9
- **Angle Polisher**: 8
- **Orbital Sander**: 6 to 9
- **Straight Line Air Sander**: 8

### 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.

Get the Qniverse app for your Quincy Compressor and compressed air system needs.

- View and manage your compressor warranty registrations
- Log maintenance, access parts book and manual on your mobile device
- Find your local parts and service provider

**EWK Kit - 3 / Quin-Cip D**

**Troubleshooting Tips**

- **Low pressure**: Check for obstructions in the air intake or air outlet.
- **Excessive noise**: Check for loose parts or damaged components.
- **Lack of power**: Ensure proper voltage and electrical connections.

**Disclaimer**

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.
At Quincy, Your Safety is Our Priority

Safety comes first in everything we do. Quincy two-stage compressor units have three ASME code relief valves to keep you safe – one each in the compressor head, discharge line, and tank. All external wiring is wrapped in heavy-duty flexible conduit (excluding 2V41C60VC).

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”, 4” and 6”. 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
**Compressed Air Systems Best Practice**

QWS Moisture Separator
QPF Particulate/Coarse Coalescer
QMF STD 0.1 PPM Coalescer, 1 Micron
QCF Finishing 0.01 PPM Coalescer
CXNT Xtra 0.001 PPM Coalescer
QAF Activated Carbon Absorber
HTDT High Temperature, 1 Micron
QPCNC Non-Cycling Refrigerated Dryer
QED Cycling Refrigerated Dryer
QMOD Modular Heated Desiccant Dryer
QHD Industrial Heated Dryer
QHP Heated Purge Dryer
QBP Blower Purge Dryer
QRTT High Temp. Refrigerated Dryer
AC After Cooler
DP Drain Point

**QWS Moisture Separator**
**QWS Bulk Liquid DP1**

**QMF 0.01 Micron 0.01 PPM DP3**

**Refrigerated Air Dryer**
**QPCNC Non-Cycling GED CYCLING DP4**

**QCF 0.01 Micron 0.001 PPM DP5**

**Dry Receiver Sgal CFM**

**QAF 0.003 PPM Vapor & Odors**

**NOTE:** requires CXN (0.001 PPM) filter in series with standard QCF prefilter.

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<th>Micron</th>
<th>ISO</th>
<th>PPM</th>
<th>ISO</th>
<th>PPM</th>
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**Approximate Liquid Removal**
100 CFM, 100 psig, 80°F, 4000 hrs./yr., 2 PPM

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<th>Drain Point</th>
<th>Gallons per Year</th>
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</tbody>
</table>

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