Products & Services

AIR COMPRESSORS
VACUUM PUMPS
AIR TREATMENT
AIR SYSTEM AUDITING
In 1924, Quincy Compressor introduced a line of air compressors that defined the industry standard for reliability. Today this same standard is renowned worldwide. Our full line of reciprocating and rotary screw compressors, integrated components, climate control systems, and vacuum pumps have been engineered for optimum efficiency and maximum productivity. And while our customers rely on this kind of cost-effective innovation, the future of compressed air demands it.

Expanding on Quincy’s forward-thinking foundation requires a vision that is more than just a glimpse into the future. It requires a vision rooted in tradition, cultivated with perseverance, and nurtured with the latest technology.

This vision is about everyone who has contributed to our success and everyone who relies on Quincy Compressor to make them successful.
YOUR “BEST PRACTICE” FOR ENERGY SAVINGS

Optimize Your Compressed Air System:
- Reduce Energy Consumption by 20%-30% or more
- Stabilize System Pressure
- Enhance Product Quality
- Improve Plant Productivity

A PERFORMANCE AND FINANCIAL ANALYSIS

In order to stay competitive in the global market, you need partners who offer proven “Best Practice” solutions. More than promises of energy efficiency, you need revenue accountability – and Quincy’s “Best Practice” standards for compressed air deliver profitable results.

BEST PRACTICE STANDARDS

<table>
<thead>
<tr>
<th>Industry Examples</th>
<th>Compressor kWh per Industry Metrics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Can Manufacturing</td>
<td>258 kWh per 100,000 cans</td>
</tr>
<tr>
<td>Foam/Plastic Cup Manufacturing</td>
<td>290 kWh per thousand cups</td>
</tr>
<tr>
<td>Pulp and Paper Mill w/ Woodyard</td>
<td>115 kWh per ton of paper</td>
</tr>
<tr>
<td>Corrugated Box Plant</td>
<td>640 kWh per million sq. ft.</td>
</tr>
<tr>
<td>Rubber Products Manufacturing</td>
<td>1088 kWh per 1000 tires</td>
</tr>
</tbody>
</table>

It’s the application of the patented Quincy Efficiency Quotient (EQ™) that allows us to quickly and accurately define the potential energy savings in your plant. And it’s the profitable results that will make Quincy your “Best Practice” partner for energy savings.

QUINCY’S COMMITMENT TO EFFICIENT & COMPETITIVE INDUSTRY IN AMERICA

Efficiency is critical to success in the global marketplace and Quincy’s commitment to efficiency is leading to innovative solutions that give American industry a competitive edge.

Quincy’s extensive distributor network understands the global challenges you face everyday. And because Quincy’s distributors are independent businesses with ties to your community, they are committed to your success.
The founders of Quincy Compressor were entrepreneurs and innovators. Propelled by the success of a unique reciprocating vacuum pump in the early 1920s, Quincy Compressor advanced the industry to meet changing customer demands. From vacuum pumps to single-stage compressors to pressure lubricated two-stage compressors, Quincy developed new products to meet the industry’s demand for more air at higher pressures.

In 1939, Quincy Compressor introduced the Quincy QR-25 reciprocating compressor. Today, with nearly 75 years of proven performance, the Quincy QR-25 stands as a symbol of quality throughout the industry. These same durable characteristics have since become a part of Quincy’s complete reciprocating line, ranging from 1/2hp to 30hp – manufactured in Quincy’s state-of-the-art reciprocating compressor factory in Quincy, Illinois.

Every Quincy reciprocating compressor features the high-efficiency, low-maintenance performance standard that is synonymous with True Blue Reliability and the reason we can say that Quincy manufactures some of the world’s finest air compressors.

**EFFICIENCY MEASURED BEYOND POWER CONSUMPTION**

- 1 – 25 horsepower
- Single or two-stage capability
- 200 psig continuous two-stage operation, up to 500 psig intermittent available on selected models
- Safe-Q-Lube system
- Positive displacement oil pump
- Cast-iron high pressure pistons
- Oversized tapered roller bearings
- Low maintenance requirements
- 100% duty-cycle rated
- Loadless starting

---

**QR-25**

*Nearly 75 Years of Proven Performance*

Introduction in 1939

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>ACFM @175 PSIG*</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR210**</td>
<td>1-1 1/2</td>
<td>3.3/4.8</td>
</tr>
<tr>
<td>QR310</td>
<td>2</td>
<td>6.3</td>
</tr>
<tr>
<td>QR325</td>
<td>3</td>
<td>10.4</td>
</tr>
<tr>
<td>QR325</td>
<td>5</td>
<td>17.4</td>
</tr>
<tr>
<td>QR340</td>
<td>7.5</td>
<td>26.0</td>
</tr>
<tr>
<td>QR350</td>
<td>10</td>
<td>33.4</td>
</tr>
<tr>
<td>QR370</td>
<td>15</td>
<td>49.3</td>
</tr>
<tr>
<td>QR390</td>
<td>20</td>
<td>67.0</td>
</tr>
<tr>
<td>QR5120</td>
<td>25</td>
<td>90.4</td>
</tr>
</tbody>
</table>

**Single-stage model @ 100 PSIG**
### QUINCY QT®

- 2 – 15 horsepower
- Two-stage, splash lubricated
- 175 psig maximum
- Heavy-duty cast-iron crankcase and deep-finned cylinders
- Two-piece connecting rods
- Die-cast aluminum valve plates with stainless steel valves
- Low oil carryover
- High efficiency intercoolers
- QT PRO and MAX packages with 5-Year True Blue Warranty

| Model | HP  | ACFM  
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>QT-5</td>
<td>2.5</td>
<td>5.8/16.2</td>
</tr>
<tr>
<td>QT-7.5</td>
<td>7.5</td>
<td>22.6</td>
</tr>
<tr>
<td>QT-10</td>
<td>10</td>
<td>35.0</td>
</tr>
<tr>
<td>QT-15</td>
<td>15</td>
<td>51.0</td>
</tr>
</tbody>
</table>

### QUINCY QP

- 5 – 15 horsepower
- Two-stage, pressure lubricated
- 175 psig maximum
- Fully pressure lubricated: main bearings and wrist pin bearings
- Oil filter and oil pressure gauge
- Positive displacement oil pump
- Heavy-duty cast-iron crankcase and deep-finned cylinders
- Die-cast aluminum valve plates with stainless steel valves
- High efficiency intercooler
- QP PRO and MAX packages with 7-Year Sterling Blue Warranty

| Model | HP  | ACFM
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>QP-5</td>
<td>5</td>
<td>17.2</td>
</tr>
<tr>
<td>QP-7.5</td>
<td>7.5</td>
<td>22.6</td>
</tr>
<tr>
<td>QP-10</td>
<td>10</td>
<td>35.0</td>
</tr>
<tr>
<td>QP-15</td>
<td>15</td>
<td>51.0</td>
</tr>
</tbody>
</table>

### QUINCY QRDS™

- QRDS - 2 to 20 horsepower
- QRDT - 5 to 30 horsepower
- QRDS - Single-stage, up to 100 psig cut out full load pressure
- QRDT - Two-stage, up to 150 psig cut out full load pressure
- Oil-less design based on Teflon™ industrial technology
- Cast-iron crankcase and main bearing carrier
- Permanent mold aluminum pistons and cylinders
- High air temperature shutdown protection
- Patented free-floating piston pin

- **PRO** package - Motor overload protection; combination pressure switch starter, magnetic starter or starter control panel.

- **MAX** package - Motor overload protection, air-cooled aftercooler, low oil level (QT) or low oil pressure switch (QP), automatic tank drain, vibration isolators shipped loose (horizontal units only).
ROTOR SCREW COMPRESSORS

QUINCY QGV

- 20 – 200 horsepower
- 100% flow at 100, 125 and 150 psig
- Direct drive, 1800 rpm
- Patented Triplex bearings ensure long life
- Air or water cooled
- Oversized coolers for operation in temperatures up to 118°F
- Options include low sound enclosure, microprocessor control, solid state, full voltage or wye-delta starters, multiple NEMA options and PowerSync® variable capacity control
- Standard Royal Blue Warranty

QUINCY QSI

- 20 – 300 horsepower
- 100% flow at 100, 110, 125 and 150 psig
- Direct drive, 1800 rpm
- Patented Triplex bearings ensure long life
- Air or water cooled
- Oversized coolers for operation in temperatures up to 118°F
- Options include low sound enclosure, microprocessor control, solid state, full voltage or wye-delta starters, multiple NEMA options and PowerSync® variable capacity control
- Standard Royal Blue Warranty

QUINCY QSF

- 50 – 200 horsepower
- 100% flow at 100, 125, 150 psig full load pressure
- 1800 RPM drive
- Wye-Delta reduced voltage starter available
- Ambient temperatures up to 115°F
- 99.9% efficient moisture separator and trap
- Low sound cabinet available
- Two-year aarend warranty
- Available 5- or 10-Year extended airend warranties

Model | HP | ACFM @ 100 PSIG
--- | --- | ---
QSI-90 | 20 | 90
QSI-120 | 25 | 117
QSI-140 | 30 | 136
QSI-245i | 50 | 243
QSI-300i | 60 | 286
QSI-370i | 75 | 365
QSI-500i | 100 | 495
QSI-600i | 125 | 630
QSI-750i | 150 | 745
QSI-1000i | 200 | 1014
QSI-1250 | 250 | 1269
QSI-1500 | 300 | 1521

Model | HP | ACFM @ 100 PSIG
--- | --- | ---
QGV-20 | 20 | 82
QGV-25 | 25 | 116
QGV-30 | 30 | 136
QGV-40 | 40 | 180
QGV-50 | 50 | 226
QGV-60 | 60 | 291
QGV-75 | 75 | 371
QGV-100 | 100 | 471
QGV-125 | 125 | 583
QGV-150 | 150 | 734
QGV-200 | 200 | 982


* FAD tested in accordance with ISO 1217, Ed.3, Annex-C.

Model | HP | ACFM @ 100 PSIG
--- | --- | ---
QSF-50 | 50 | 242
QSF-60 | 60 | 285
QSF-75 | 75 | 368
QSF-100 | 100 | 492
QSF-125 | 125 | 635
QSF-150 | 150 | 730
QSF-200 | 200 | 998

QuincyCompressor.com | Made in the U.S.A. | Performance You Demand. Reliability You Trust.
QUINCY QGD™

- 40 – 50 horsepower
- 100 – 150 psig full load capacity
- Direct drive, No belts or gears, 3600 RPM
- Microprocessor control for easy networking
- Low sound enclosure standard, 67-69 dBA
- Standard C-Face mounted motor
- Easy access to components for quick and simple maintenance
- Optional integrated dryer saves installation costs
- Tank-mount option available on 20, 25 & 30 horsepower units
- Standard Royal Blue Warranty

| Model | HP  | ACFM @ 100 PSIG
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>QGD-40</td>
<td>40</td>
<td>189</td>
</tr>
<tr>
<td>QGD-50</td>
<td>50</td>
<td>226</td>
</tr>
</tbody>
</table>

QUINCY QGS™

- 5 – 100 horsepower
- Long life V-belt drive
- High efficiency intake filter
- TEFC motor, IP 55
- Low sound enclosure standard. Only 62-68 dBA
- Factory-filled 8,000 hour premium synthetic fluid
- Standard 5-Year Warranty

| Model | HP  | ACFM FAD @ 40 PSIG
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>QGS-5</td>
<td>5</td>
<td>16.6</td>
</tr>
<tr>
<td>QGS-7.5</td>
<td>7.5</td>
<td>21.2</td>
</tr>
<tr>
<td>QGS-10</td>
<td>10</td>
<td>37.0</td>
</tr>
<tr>
<td>QGS-15</td>
<td>15</td>
<td>52.0</td>
</tr>
<tr>
<td>QGS-20</td>
<td>20</td>
<td>84.0</td>
</tr>
<tr>
<td>QGS-25</td>
<td>25</td>
<td>99.0</td>
</tr>
<tr>
<td>QGS-30</td>
<td>30</td>
<td>122.0</td>
</tr>
<tr>
<td>QGS-40</td>
<td>40</td>
<td>186</td>
</tr>
<tr>
<td>QGS-50</td>
<td>50</td>
<td>226</td>
</tr>
<tr>
<td>QGS-60</td>
<td>60</td>
<td>275</td>
</tr>
<tr>
<td>QGS-75</td>
<td>75</td>
<td>355</td>
</tr>
<tr>
<td>QGS-100</td>
<td>100</td>
<td>460</td>
</tr>
</tbody>
</table>

QUINCY QSLP™

- 10 – 200 horsepower
- 30-50 psig for low pressure applications
- Air or water cooled
- 2-3ppm fluid carryover
- Modulating inlet valve responds to system demand
- Heavy-duty, dry type inlet filter standard
- Control panel includes full instrumentation
- Low sound cabinet available

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>FAD @ 40 PSIG</th>
</tr>
</thead>
<tbody>
<tr>
<td>QSLP</td>
<td>10</td>
<td>83</td>
</tr>
<tr>
<td>QSLP</td>
<td>15</td>
<td>124</td>
</tr>
<tr>
<td>QSLP</td>
<td>20</td>
<td>166</td>
</tr>
<tr>
<td>QSLP</td>
<td>30</td>
<td>238</td>
</tr>
<tr>
<td>QSLP</td>
<td>60</td>
<td>490</td>
</tr>
<tr>
<td>QSLP</td>
<td>100</td>
<td>709</td>
</tr>
<tr>
<td>QSLP</td>
<td>150</td>
<td>987</td>
</tr>
<tr>
<td>QSLP</td>
<td>200</td>
<td>1409</td>
</tr>
</tbody>
</table>

* FAD tested in accordance with ISO 1217, Ed.3, Annex-C.

ENGINEERED SOLUTIONS

- Complete in-house engineering capabilities
- Allow your Quincy compressor to be custom built to your specifications
- Applications support team to assist in product specification and quotation

10-Year Airend Warranty / 5-Year Major Component Warranty

Everyone says they have the best machine, but when it comes to delivering on a promise, what do they do about it? Quincy backs every QSI, QGD and QGV purchase with the industry’s strongest protection - the Royal Blue Warranty!
The Quincy Compressor climate control compressors provide precise compressed air quality, combined with the reliability and low cost of ownership for which Quincy Compressor is known for.

Every Quincy Climate Control System is built for performance and bottom-line expectations. Also built into each system is a pedigree going back over a decade, with years of reliable, trouble free service.
With our compressor manufacturing and engineering expertise, we’ve created a complete vacuum system with all of the features of our rotary screw compressors. Quincy’s unique modulation valve delivers full flow from zero to ultimate vacuum. Quincy Compressor is your most reliable source for vacuum solutions.

**QUINCY QSV™**

- 25 and 40 horsepower
- Direct drive
- Pumping volumes of 365 and 550 acfm
- Attain a base vacuum of 29.9” Hg (0.5 torr)
- Positive lubrication fluid pump
- Low sound cabinet available

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>ACFM FAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>QSV 25</td>
<td>25</td>
<td>365</td>
</tr>
<tr>
<td>QSV 40</td>
<td>40</td>
<td>550</td>
</tr>
</tbody>
</table>

**QUINCY QSVI™**

- 7.5 – 25 horsepower
- Direct drive
- Pumping speeds from 365 to 3000 acfm
- Attain a base vacuum of 29.9” Hg (0.5 torr)
- Positive lubrication fluid pump
- Modulating inlet valve
- Standard NEMA motor, 3 phase, 60hz, 230/460 volt
- Low sound cabinet available
- Auto-dual controls

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>ACFM FAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>QSVI 25</td>
<td>25</td>
<td>365</td>
</tr>
<tr>
<td>QSVI 40</td>
<td>40</td>
<td>550</td>
</tr>
<tr>
<td>QSVI 75</td>
<td>75</td>
<td>980</td>
</tr>
<tr>
<td>QSVI 100</td>
<td>100</td>
<td>1500</td>
</tr>
<tr>
<td>QSVI 200</td>
<td>200</td>
<td>3000</td>
</tr>
</tbody>
</table>

**QUINCY QSVB™**

- Belt drive
- Pumping speeds from 155 to 371 acfm
- Attain a base vacuum of 29.9” (0.5 torr)
- Positive lubrication fluid pump
- Modulating inlet valve
- Standard NEMA 1 motor, 3 phase, 60hz, 230/460 volt
- Low sound cabinet available
- 10 micron inlet filter
- Auto-dual controls
- 10 micron inlet filter (25 - 50 horsepower)

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>ACFM FAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>QSVB 7.5</td>
<td>7.5</td>
<td>155</td>
</tr>
<tr>
<td>QSVB 10</td>
<td>10</td>
<td>196</td>
</tr>
<tr>
<td>QSVB 15</td>
<td>15</td>
<td>265</td>
</tr>
<tr>
<td>QSVB 20</td>
<td>20</td>
<td>319</td>
</tr>
<tr>
<td>QSVB 25</td>
<td>25</td>
<td>371</td>
</tr>
</tbody>
</table>

**QUINCY QSG™**

- 75 - 610 horsepower
- 70 - 2680 acfm gas delivery
- Direct drive with flexible dropout coupling
- High efficiency rotor profile
- Field-replaceable mechanical shaft seal
- Optional variable displacement lift valves

**QUINCY QRNG™**

- 2 – 34 hp single-stage, 13-33 hp two-stage
- Two-stage designed specifically for natural gas boosting
- Operation up to 400 psig on selected models with intermittent duty cycle
- Fully counterweighted ductile iron crankshaft
- Advanced-design gerotor oil pump
PIPING, AIR TREATMENT PRODUCTS & FLUIDS

QUINCY AIRNET
COMPRESSED AIR PIPING SYSTEM

- Extruded aluminum piping system
- Installation three times faster than conventional pipe
- Easy to use “push and twist” engineered fittings
- No special tools required for installation
- ASME/CE/PED compliant
- 10-Year Guarantee

QUINCY REFRIGERATED
AIR DRYERS

- QRHT high-temp, QED and QPDCD cycling, QPNC non-cycling dryers
- Environmentally friendly refrigerants
- Two-valve balanced system on all units
- High performance heat exchangers
- Microprocessor control
- Easy access, powder-coated cabinets
- Fully instrumented

HEATLESS

- QDTS - Point-of-use, 5 to 50 cfm
- QHD - Industrial 250 to 750 cfm
- QDTH - Industrial, 100, 850 to 3100 cfm
- QMOD - Industrial, medical and point-of-use, 8 to 365 cfm

HEAT REACTIVATED

- QDHP - Heat Purge 35 to 3100 cfm
- QDBP - Blower Purge 350 to 3100 cfm

QUINCY DESICCANT AIR DRYERS

- -40˚F to -100˚F PDP performance
- NEMA 4
- Long life Q-Sorb desiccant
- Sequence annunciator
- Filter packages available
- Full and part-load demand controllers available
- Premium switching valve availability
- Larger sizes and specials are available

HEAT REACTIVATED

- QDHP - Heat Purge 35 to 3100 cfm
- QDBP - Blower Purge 350 to 3100 cfm
QUINCY FILTERS

- Particulate
- Coalescers
- Absorbers
- Moisture Separators
- High temperature design available
- High pressure design available
- 5 micron to 0.01 micron particulate removed
- 5 ppm to 0.003 ppm liquid carryover
- 1/4” to 3” NPT aluminum housings
- 3” to 12” flanged steel housings
- Delta P gauge
- Auto drain
- Color-coded glass filled nylon end caps
- Push-to-fit element design
- Low pressure drop/high efficiency
- 10-Year housing warranty

QUINCY DRAINS

- QMAT - Electronic No Loss Drains
  - Reliable
  - Robust
  - Save energy
  - Low maintenance
  - Flexible

- ETD - Electronic Timer Drains
  - Simple
  - Reliable
  - Affordable
  - Adjustable open time
  - Adjustable cycle time
  - 1/4” and 1/2” NPT
  - Large 7/16” orifice

QUINCY CONDENSATE PURIFIERS

- Replaces the old gravity separators
- Removes all compressor lubricants, including polyglycol emulsions
- Lightweight, easy change, disposable filter cartridge
- Versatile size range allows for single or multiple-unit configurations
- Clean, carbon-free filter media

NETSYNC II MASTER SYSTEM CONTROLS

- Centrally manage systems from 2 to 24 compressors
- Reduce energy consumption by optimizing compressor sequencing
- Improve productivity by stabilizing/0 plant pressure
- Remote monitoring an system auditing options
- Also available for vacuum systems

AFTERMARKET

GENUINE FLUIDS

- Designed to achieve maximum performance
- Lab and field tested in 1000’s of machines with millions of hours of successful operation
- Compatible with all Quincy compressor parts and seals

AFTERMARKET FLUIDS

- Helps reduce energy consumption and MRO costs including labor
- Compatible with many other OEM compressor brands
- Uniquely formulated to improve efficiency and reliability of any compressor
Air Quality Classification
ISO 8573.1

<table>
<thead>
<tr>
<th>Solids</th>
<th>Moisture</th>
<th>Oil</th>
<th>Wet System Avg. P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Micron</td>
<td>PPM</td>
<td>ISO</td>
<td>psi</td>
</tr>
<tr>
<td>0.01</td>
<td>1</td>
<td>-38˚F</td>
<td>4</td>
</tr>
<tr>
<td>0.01</td>
<td>1</td>
<td>-100˚F</td>
<td>1</td>
</tr>
</tbody>
</table>

NOTE: Requires CXN (.001 PPM) filter in series with standard CPN prefilter.

Approximate Liquid Removal
100 CFM, 100 psi, 80°F, 4000 hrs./yr., 2 PPM

<table>
<thead>
<tr>
<th>Drain Point</th>
<th>Gallons per Year</th>
<th>Drain Point</th>
<th>Gallons per Year</th>
<th>Drain Point</th>
<th>Gallons per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3000</td>
<td>2</td>
<td>2000</td>
<td>3</td>
<td>305</td>
</tr>
<tr>
<td>2</td>
<td>3000</td>
<td>3</td>
<td>305</td>
<td>4</td>
<td>1300</td>
</tr>
<tr>
<td>3</td>
<td>310</td>
<td>4</td>
<td>310</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

©2012 Quincy Compressor. All rights reserved. Litho in U.S.A. (APB-026 04/13)