



# Variable Speed Compressors



QUINCY QGV SERIES  
ROTARY SCREW  
AIR COMPRESSORS  
20-60 HP



## QUINCY QGV 20-60



In a world that is dominated with cost and profitability in all aspects of business, Quincy Compressor provides you with an air compressor that produces only the amount of air that you require while using only the amount of energy required, maximizing your profitability. With rising energy costs providing universal impacts to businesses around the world, the Quincy QGV optimizes your energy consumption and provides you with the industry's most reliable variable speed air compressor. The Quincy QGV is designed to operate from 15% to 100% capacity and can be placed where other compressor manufacturers dare not go.

### DOWNSTREAM PRESSURE SIGNAL PROVIDES STABLE PRESSURE

System pressure has a major impact on energy consumption, and the QGV is designed to provide the most stable pressure available from a compressor. Quincy's downstream signal option allows the compressor to react immediately to pressure changes close to the point of use, eliminating the lag often created by air treatment equipment pressure drop.

### ADVANCED NETWORKING AND REMOTE MONITORING

All Quincy QGV controllers include advanced networking capabilities as standard equipment. Quincy's innovative approach allows for automatic sequencing and scheduled rotation between compressors.

Plus, QGV's can be monitored remotely with an optional Web\$ync II package. From simple web-interfaces to more advanced SCADA systems, Quincy offers specific solutions for different needs. Consult your Quincy representative to determine which solution best matches your requirements.



### LOW DEMAND MODE ELIMINATES UNLOADED POWER

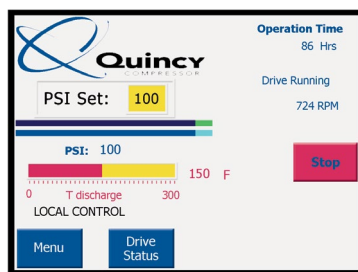
To prevent rapid cycling of the compressor during intermittent periods of low compressed air demand, the Quincy QGV features a low demand mode, which allows system pressure to rise above the set point prior to stopping the compressor when demand drops below its turndown capability. This ensures that system pressure does not drop below an acceptable level, and the QGV never runs unloaded. With a QGV in a lead position, this unique energy-saving mode also allows pressure to rise enough for additional network compressors to turn off in periods of low demand.

## RELIABILITY YOU TRUST

### MICROPROCESSOR CONTROLLER

The 6" color touch screen controller provides continuous monitoring and a graphic display of performance and efficiency. Built-in trending software tracks all critical operating parameters and transfers the data via standard communication protocol:

- Touch screen display and interface
- Speed and Percent Capacity
- Horsepower
- System Pressure
- Low Demand Mode
- True PID function control
- Remote system signal connection



### SPEED OPTIMIZER

The Quincy QGV features Speed Optimizer Control. Dynamically responding to changes in ambient operating conditions, the QGV automatically adjusts the speed output to ensure maximum air flow is delivered from the compressor, without sacrificing dependability. This unique feature helps prevent nuisance alarms and keeps the QGV supporting your operation.

### QUINCY'S INDUSTRY-LEADING 10-YEAR WARRANTY

Everyone says they have the best machine, but how do they support it? Quincy backs the QGV with the world's best Warranty! **WORLD'S BEST WARRANTY = 10 YEAR AIREND WARRANTY.** Five year warranty on major components, including variable frequency drive assembly, motor, coolers and reservoir. Other compressor manufacturers charge extra for similar plans, or an extended warranty.

### LONG LIFE SYNTHETIC COOLANTS



QuinSyn fluids are custom engineered to perform and protect compressors in the harshest of conditions – ensuring that wear and tear is kept to a mini-

num. Quincy offers different solutions for different needs.

**QuinSyn XP:** A custom blended POE lubricant, designed to last 12,000 hours. Per hour of operation, QuinSyn XP is the lowest operating cost solution available.

**QuinSyn Plus:** A custom blended POE/POA, QuinSyn Plus last 8,000 hours under typical operating conditions.

**QuinSyn PG:** A non-varnishing PAG coolant that typically lasts 8000 hours.

**QuinSyn F:** A custom blended food-grade lubricant that complies with the standards set forth by USDA H-1 and FDA 21 CFR 178.3570-Lubricants. QuinSyn-F typically lasts 6000 hours – far longer than most other food-grade lubricants.



# QUINCY QGV 20-60

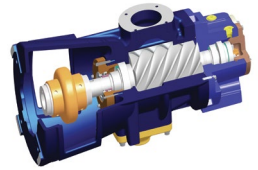
## LOWERING YOUR TOTAL COST OF OWNERSHIP

The Quincy QGV compressor family is engineered to deliver the lowest Total Cost of Ownership (TCO) among compressors in their class. Variable Speed Drive operation, along with Quincy's efficient airend design, ensures that overall energy consumption is minimized.

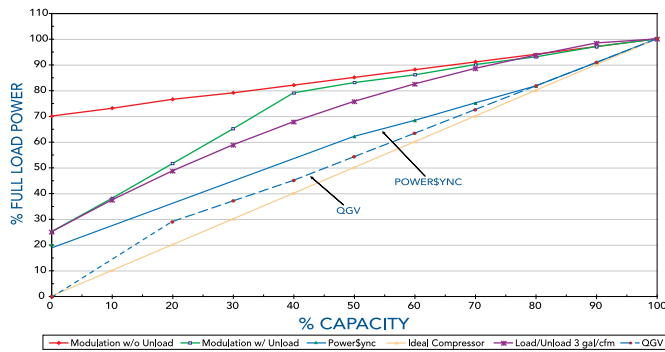
While other manufacturers recommend compressor overhauls every four or five years, Quincy designs to a higher standard. All QGV

airends are designed for an L10 bearing life of 100,000 hours – two to three times greater than the industry norm.

Quincy is so confident in its design that we offer the industry-leading 10-Year Royal Blue Warranty standard on every QGV.



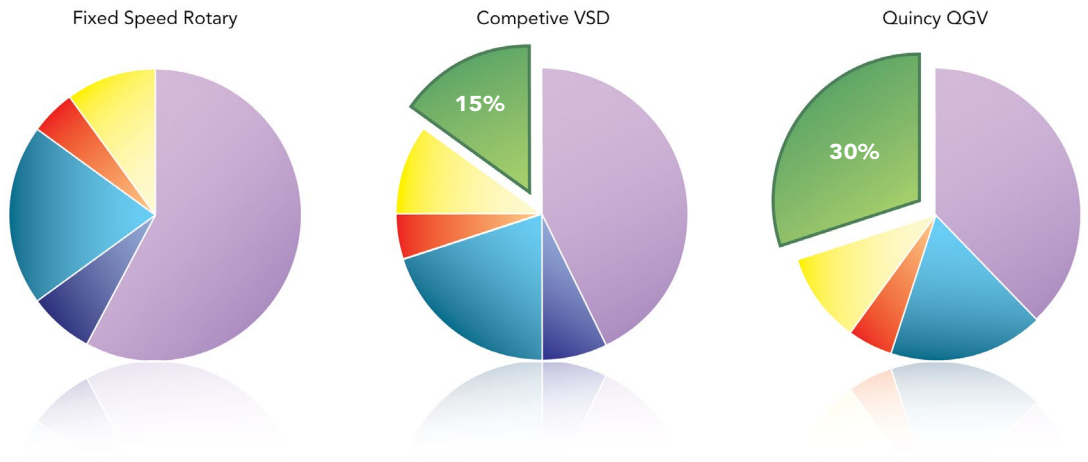
**% POWER vs. % CAPACITY**



To compare various machines, use the specific power and performance of each.

## TYPICAL TEN YEAR LIFE CYCLE COST OF AN AIR COMPRESSOR

- Purchase Price
- Installation
- Maintenance
- Airend Overhaul (50,000 hours)
- Energy Consumption
- Savings Over Fixed Speed





## QGV 20-60 TECHNICAL DATA

Model	Flow			dBA	Length inches	Width inches	Height inches	Weight lbs**
	100 PSI	125 PSI	150 PSI					
QGV 20	85	75	63	67	61.1	33	49.3	1725
QGV 25	114	104	90	67	61.1	33	49.3	1725
QGV 30	138	131	116	67	61.1	33	49.3	1725
QGV 40	180	158	153	69	CF	CF	CF	CF
QGV 50	226	213	190	69	CF	CF	CF	CF
QGV 60	291	258	242	69	CF	CF	CF	CF

\*\* Shipping weights can vary based on unit configuration and packaging.

\* FAD tested in accordance with ISO 1217, Ed.3, Annex-C. Sound level tested in accordance with ISO 2151 and 3744.

## FEATURES

- Direct drive airend, 460 or 575 volt, 75-150 psig
- Automatic restart
- Low demand mode
- Frequency Drive assembly
- Integrated Line Reactors
- Heavy-duty intake filter
- 115°F max ambient capability
- Integrated compressor networking
- Choice of long-life QuinSyn® fluids
- Two-stage air/fluid separation
- Low-sound enclosure
- Remote alarm communication
- Flexible coupling
- Speed Optimizer Control
- 10-year Royal Blue Warranty

## OPTIONAL EQUIPMENT

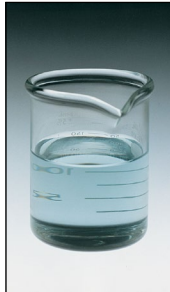
- Integrated Air Dryer
- Remote monitoring
- Remote Pressure Transducer
- 145 gallon tank-mount configuration (20-30 hp)



QGV-30 shown with panels removed

## QUINCY QGV 20-60

### EXTEND THE LIFE OF YOUR COMPRESSOR WITH GENUINE QUINCY FLUIDS



**QUIN-SYN FLUIDS** are uniquely formulated for Quincy products. Genuine Quin-Syn fluids ensure optimum performance and keeps units running smoothly for years to come.

Quincy offers an affordable lubricant system analysis program to all Genuine Quin-Syn users. Be sure to ask your authorized service center for details.

#### NON-TOXIC

Unlike some lubricants, all Quin-Syn fluids are nontoxic and not considered hazardous under OSHA Hazardous Communication Standard 21 CFR1910.1200.

### EXCEPTIONAL COMPRESSORS DESERVE EXCEPTIONAL SERVICE

All Quincy Compressors are designed for many long years of trouble-free service. Proper maintenance will help ensure that compressed air is one less thing to worry about. And Genuine Parts from Quincy Compressor will keep your compressor running like new, day in and day out. That's exceptional.

The whole is equal to the sum of the parts. That's why you bought a Quincy: to own the highest quality and most durable compressor available. Maintaining that high standard of quality can only be accomplished by using the same Genuine Parts that your compressor left our factory with. Quincy Engineers designed exceptional air compressors by selecting the latest technology and highest quality components. This same strict quality standard exists with only Genuine Parts. And of course, Genuine Parts ensure your extended warranty is properly maintained. Your new compressor is an important investment, and Genuine Parts are the only way to get maximum service life at the lowest cost. That's exceptional.

Your local Authorized Quincy Compressor distributor is the best source to obtain Genuine Quincy Parts. Authorized Quincy Compressor distributors are the only centers who can supply Quincy-Certified Service Technicians, who can fix a problem right-the first time. Ask your distributor about money saving preventative maintenance and inspection programs. You will sleep better at night, and your bottom line will thank you. Truly exceptional.

### PROUD MEMBER OF COMPRESSED AIR & GAS INSTITUTE



Quincy Compressor proudly publishes total package ACFM which is measured and reported in accordance with industry standard CAGI/PNEUROP PN2CPTC2 guidelines. Every Quincy QGV meets or exceeds CAGI/PNEUROP PN2CPTC2 guidelines - ensuring that you get every acfm that has been promised.

## THE QUINCY PROMISE

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Quincy Compressor and its partnering distributors promise to provide you with uncompromising reliability in all Quincy equipment. This makes your compressed air system one less thing that you need to worry about, allowing you to focus on your company's productivity and profitability.



## THE QUINCY SOLUTION

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Operating at peak efficiency and providing quality product is a priority for many of our customers. Quincy Compressor in partnership with our global network of authorized distributors strives to be your provider for all of your compressed air system needs. From the air compressor to filtration to dryers and storage solutions, Quincy Compressor is your single source provider for all of your compressed air system needs.

### Air Compressors

Quincy Compressor is a premier provider of many different types of air compressors designed for a variety of applications using different compression technologies.

The **Quincy QT** is a Reciprocating Splash Lubricated compressor for tough everyday use. The **Quincy QP** is a reciprocating fully pressure lubricated compressor for a competitive advantage. The **Quincy QR** is a reciprocating compressor designed for the most demanding conditions. The **Quincy QGS 5-30 HP** is a heavy-duty belt driven rotary compressor at a competitive price. The **Quincy QSI** provides an industrial grade premium fixed speed rotary screw air compressor. The **Quincy QGV** provides a premium variable speed rotary screw air compressor designed to optimize your energy efficiency.

### Compressed Air Treatment

Quincy Compressor is your single-source provider of compressed air treatment products to complement your air compressor. Quincy provides refrigerated air dryers, desiccant air dryers, compressed air filtration from 5 to .01 micron, condensate drains, condensate management systems, storage solutions, and flow control valves. Quincy Compressor is truly a single-source provider for all of your compressed air needs.

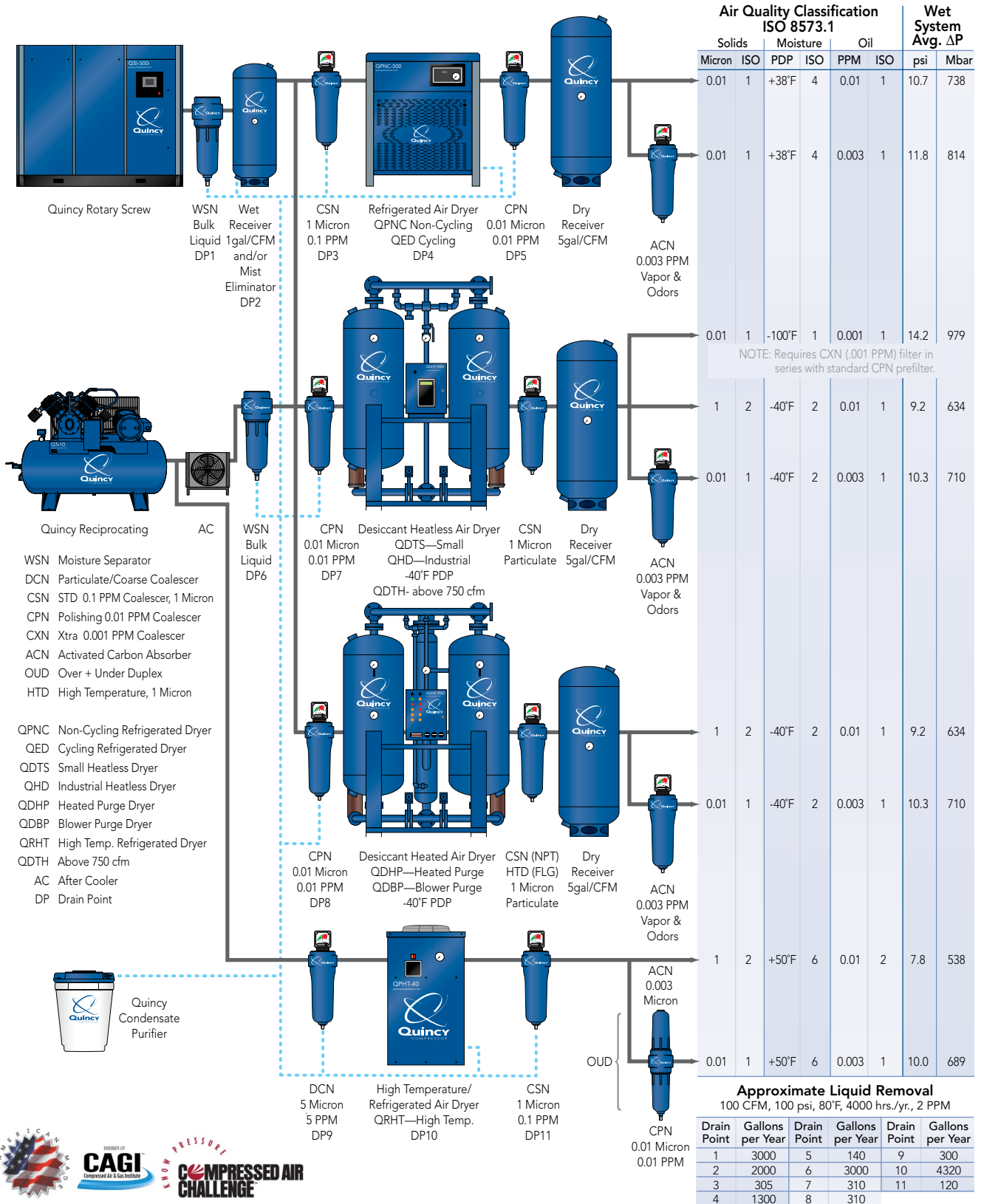
### Genuine Parts

Genuine Parts from Quincy Compressor keep your equipment running like new. When servicing your Quincy compressor, insist on Genuine Quincy parts. Not only will you save time and money, but you will gain the peace-of-mind from using only the highest quality parts worthy of the Quincy name.

### System Controls

Whether you have one air compressor or many air compressors from many different manufacturers, Quincy Compressor provides you with a way to control and monitor all of the components in your compressed air system in a way that maximizes your energy efficiency and decreases your energy costs. Whether you need to control your system on site or from half way around the world, Quincy Compressor is your source for reliable, efficient controls.

# COMPRESSED AIR SYSTEMS BEST PRACTICE



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