

QSI & QGV Series



Rotary Screw Air Compressors
40-200 hp

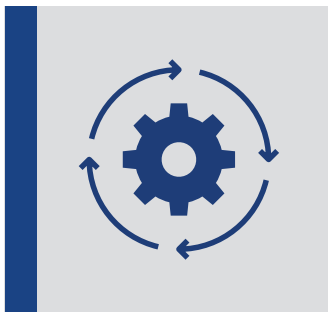


Designed To Solve Your Production Problems



“ Our commitment to reliability drives all the key decisions in our product development process. ”

- Scott Barker
Business Line Director - Rotaries & QAS



Reduce Your Risk

No one likes unexpected surprises, breakdowns or complete system shutdowns. Quincy promises to do whatever it takes to keep your systems running and proactively prevent any downtime.



Reduce Your Cost

We don't believe in wasteful sales and inefficiency. Our goal is to offer the best product and the lowest total cost of ownership. We will work with you to figure out the right air system and warranty to make you successful.



Increase Simplicity

We make the entire selection process as simple as possible for you while tailoring the system to your specific requirements. We collect the data to give you the most accurate suggestions for both systems and service. Our systems are designed for less complicated installation, easy usage and the most sensible service options.

Here's How

Maximum
Uptime,
Minimum
Disruptions



✓ A Machine Designed For A Lifetime & All Conditions

Our philosophy has always been to over engineer everything, from sensors to motors. We expect our machines to run flawlessly every day, even at the height of summer in dusty environments. Deliberate design choices to maximize uptime include:

- Coolers designed for ambient temperatures up to 122°F (50°C)
- Airend bearings engineered for a life of 100K hours

✓ Market Leading 10 Year Warranty Since 2005

If ever there is a problem, it's not yours! Our "Royal Blue" Extended Warranty covers the airend for a decade and the motor, air/fluid receiver, drive coupling and cooler for 5 years.

✓ Simple, Easy & Inexpensive Installation

- All QSI-QGV models are delivered factory tested and ready to operate
- Self sustained base frame: No need to anchor the compressor to the floor
- Vertical draft cooling reduces the cost and complexity of ducting, when needed
- Forklift holes means easy placement and eliminates the need for a crane

✓ Leading System Efficiency

Quincy offers several control option alternatives to more closely match the supply profile of the machine with the demand profile of your system. Quincy controller technology enables constant communication between machines, allowing them to work in harmony as a group rather than as individuals. This provides total system efficiency rather than just machine efficiency.

✓ Smart Maintenance

Quincy machines are designed for faster, less expensive service. Hinged doors, and detachable panels enable better and quicker access to consumables that are purposely located together. A needle valve allows oil sampling during operation and in normal conditions, the separator element is only replaced every 8,000 hours.

Lowest Total
Cost of
Ownership



Flexibility To
Do It
Your Way



✓ Get The Machine You Want With Features You Need

- A huge array of pre-engineered options means that you can have the machine your way without the investment or lead time of a custom build.
- For very special applications that need a fully custom package, we can design, assemble and test whatever you need right here in the USA.

✓ Purchase Without Burdening Your Business

- ✓ We can provide all kinds of attractive purchase options, including long term rental, leasing, financing and even providing the package as a service.

✓ Maintain Your System Your Way

- ✓ We can support your maintenance goals, from supplying parts to becoming completely accountable for your system availability levels.

Our Customers Say It All

We don't need to talk about why we're the smarter choice or how great our systems are. Our awesome customers do that for us. If you ask, they'll probably tell you that Quincy builds the most reliable compressors on the market. Or, they might say that Quincy systems experience less downtime and require less maintenance.



“Compressed air is our lifeblood. We count on Quincy because they keep us running.”

- John Wagner
Fruit Growers Supply Co.



“ The benefit of going with Quincy versus someone else, is reliable compressors, the largest warranty and local distributors to back up any support we may need. ”

- Joe Cox
CN Transportation



“ Quincy was responsive to my needs. It was an easy decision. ”

- Mark Hans
Top Drawer Cabinetry LLC

Our customers believe in us, in our company and in our commitment to gain and keep their trust. They rely on Quincy to give them the help and information they need to make the best decisions about air systems. Yes, we would love to sell everyone a Quincy solution, but we believe that if we give you honest informative assistance, we will gain trust and business.

QSI

QGV

BadgerXE

50-60-75-100-125-150-175-200 HP

40-50-60-75-100-125-150-175-200 HP

40-50-60-75-100-125 HP

Premium Fixed Speed
Rotary Screw Compressor

Premium Variable Speed
Rotary Screw Compressor

Extreme Environments
Variable Speed Compressor



*Picture shown is a unit with a rain protection option

The QSI Is Best For:

- ✓ Applications that require its full air flow capacity
- ✓ Harsh operating conditions (outdoor, hot, cold, dirty)
- ✓ Special applications that require a customizable air compressor
- ✓ Even higher durability and reliability when using Modulation Control option

The QGV Is Best For:

- ✓ Applications that require compressors to operate at partial loads
- ✓ Customers that are interested in an efficient compressed air system
- ✓ A better control of compressed air pressure to reduce variations
- ✓ Highly sensitive applications with good operating conditions

The BadgerXE Is Best For:

- ✓ Harsh operating conditions
- ✓ Flexible installations including outdoors
- ✓ Variable demand applications
- ✓ High energy sensitive applications
- ✓ Very stable system pressure (variable speed control)

Core Technologies

Variable Speed for Extreme Conditions

The BadgerXE is a unique variable speed compressor because it's designed to be installed outdoors and in harsh environments. The integrated electrical panel cooling system with NEMA4 protection allows the BadgerXE to thrive in conditions where most other machines would fail.



*Picture shown is a unit with a rain protection option

Exclusive Inverter Design

This in-house design allows for improved control over the life-cycle of the application. The Quincy inverter is designed specifically for compressed air applications, eliminating the usual sensitivity to dust and heat. The electronics are intelligently protected by an IP5X enclosure which dissipates heat via a fan cooled through-the-wall heat sink.

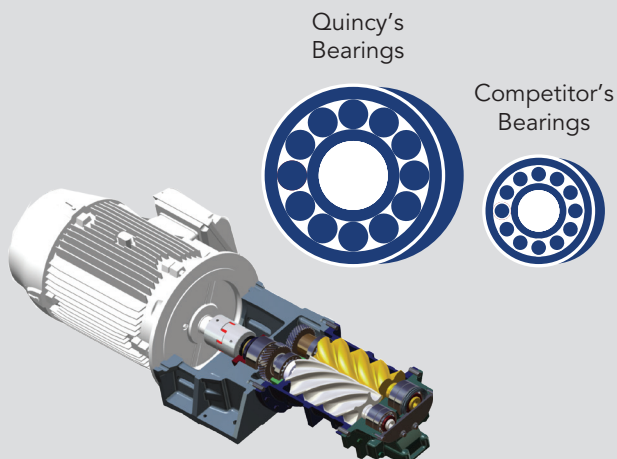


The QFD 450/900 operates in high ambient temperatures with operation at full power between -20°C/-4°F and 50°C/122°F.

*Available on QGV-40-50-60-75-100-125 Only
**Danfoss Brand Inverter for QGV-150-175-200

100,000+ hrs Airend

The Quincy airend has earned a legendary reputation for longevity. By engineering for reliability, our airend has a minimum lifetime of 100,000 hours of continuous operation without service or overhaul.



Remote Monitoring

The latest Quincy controller provides on-board tools that make staying connected easier than ever due to networking, monitoring and integrated cellular connectivity. In-cloud analysis of the data helps schedule optimum service intervention, predicts failure and measures overall machine health.



QSI Fixed Speed Technical Data

Model No.	HP	KW	PSI	ACFM	Length	Width	Height	Lbs	DBA
QSI-50	50	37	100/110	249.6	67	37.7	65.8	2217	66
QSI-50	50	37	125/128	229.9	67	37.7	65.8	2217	66
QSI-50	50	37	150/153	208.7	67	37.7	65.8	2217	66
QSI-60	60	45	100/110	307.2	67	37.7	65.8	2235.5	66
QSI-60	60	45	125/128	281.6	67	37.7	65.8	2235.5	66
QSI-60	60	45	150/153	257.7	67	37.7	65.8	2235.5	66
QSI-75	75	55	100/110	382.6	87.6	41.8	74.9	3527	72
QSI-75	75	55	125/128	345.7	87.6	41.8	74.9	3527	72
QSI-75	75	55	150/153	293.2	87.6	41.8	74.9	3527	72
QSI-100	100	75	100/110	493.3	87.6	41.8	74.9	3549	71
QSI-100	100	75	125/128	472.6	87.6	41.8	74.9	3549	71
QSI-100	100	75	150/153	423.6	87.6	41.8	74.9	3549	71
QSI-125	125	90	100/110	584.7	87.6	41.8	74.9	3606	72
QSI-125	125	90	125/128	553.7	87.6	41.8	74.9	3606	72
QSI-125	125	90	150/153	495.6	87.6	41.8	74.9	3606	72
QSI-150	150	110	110/110	784.2	112.0	77.0	83.0	7186	74
QSI-150	150	110	125/128	699.0	112.0	77.0	83.0	7186	74
QSI-150	150	110	150/153	616.2	112.0	77.0	83.0	7186	74
QSI-175	175	132	110/110	911.8	112.0	77.0	83.0	7400	74
QSI-175	175	132	125/128	809.5	112.0	77.0	83.0	7400	74
QSI-175	175	132	150/153	727.9	112.0	77.0	83.0	7400	74
QSI-175	175	132	175/178	651.1	112.0	77.0	83.0	7400	74
QSI-200	200	160	100/110	1019.9	112.0	77.0	83.0	7524	74
QSI-200	200	160	125/128	934.2	112.0	77.0	83.0	7524	74
QSI-200	200	160	150/153	837.0	112.0	77.0	83.0	7524	74
QSI-200	200	160	175/178	742.9	112.0	77.0	83.0	7524	74

* Unit performance measured according to ISO 1217, Annex C, Edition 4:2009.

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

Want a warranty
that's actually
worth something?

The Industry Leading
Actual 10-Year
Airend Warranty



QGV Variable Speed Technical Data

Model No.	HP	KW	PSI	ACFM	Length	Width	Height	Lbs	DBA
QGV-40	40	30	100	209.8	67	37.7	65.8	2277	67
QGV-40	40	30	125	183.0	67	37.7	65.8	2277	67
QGV-40	40	30	150	173.9	67	37.7	65.8	2277	67
QGV-50	50	37	100	255.7	67	37.7	65.8	2277	68
QGV-50	50	37	125	226.8	67	37.7	65.8	2277	68
QGV-50	50	37	150	218.4	67	37.7	65.8	2277	68
QGV-60	60	45	100	302.8	67	37.7	65.8	2277	72
QGV-60	60	45	125	272.3	67	37.7	65.8	2277	72
QGV-60	60	45	150	244.8	67	37.7	65.8	2277	72
QGV-75	75	55	100	375.0	87.6	41.8	74.9	3123	73
QGV-75	75	55	125	340.3	87.6	41.8	74.9	3123	73
QGV-75	75	55	150	302.2	87.6	41.8	74.9	3123	73
QGV-100	100	75	100	514.1	87.6	41.8	74.9	3132	72
QGV-100	100	75	125	463.3	87.6	41.8	74.9	3132	72
QGV-100	100	75	150	417.8	87.6	41.8	74.9	3132	72
QGV-125	125	90	100	597.3	87.6	41.8	74.9	3132	77
QGV-125	125	90	125	553.9	87.6	41.8	74.9	3132	77
QGV-125	125	90	150	491.8	87.6	41.8	74.9	3132	77
QGV-150	150	110	100	845.8	112.0	77.0	83.0	7582	78
QGV-150	150	110	125	765.4	112.0	77.0	83.0	7582	78
QGV-150	150	110	150	679.8	112.0	77.0	83.0	7582	78
QGV-175	175	132	100	994.5	112.0	77.0	83.0	7911	78
QGV-175	175	132	125	907.2	112.0	77.0	83.0	7911	78
QGV-175	175	132	150	814.8	112.0	77.0	83.0	7911	78
QGV-200	200	160	100	1147.8	112.0	77.0	83.0	8283	78
QGV-200	200	160	125	1049.5	112.0	77.0	83.0	8283	78
QGV-200	200	160	150	947.3	112.0	77.0	83.0	8283	78

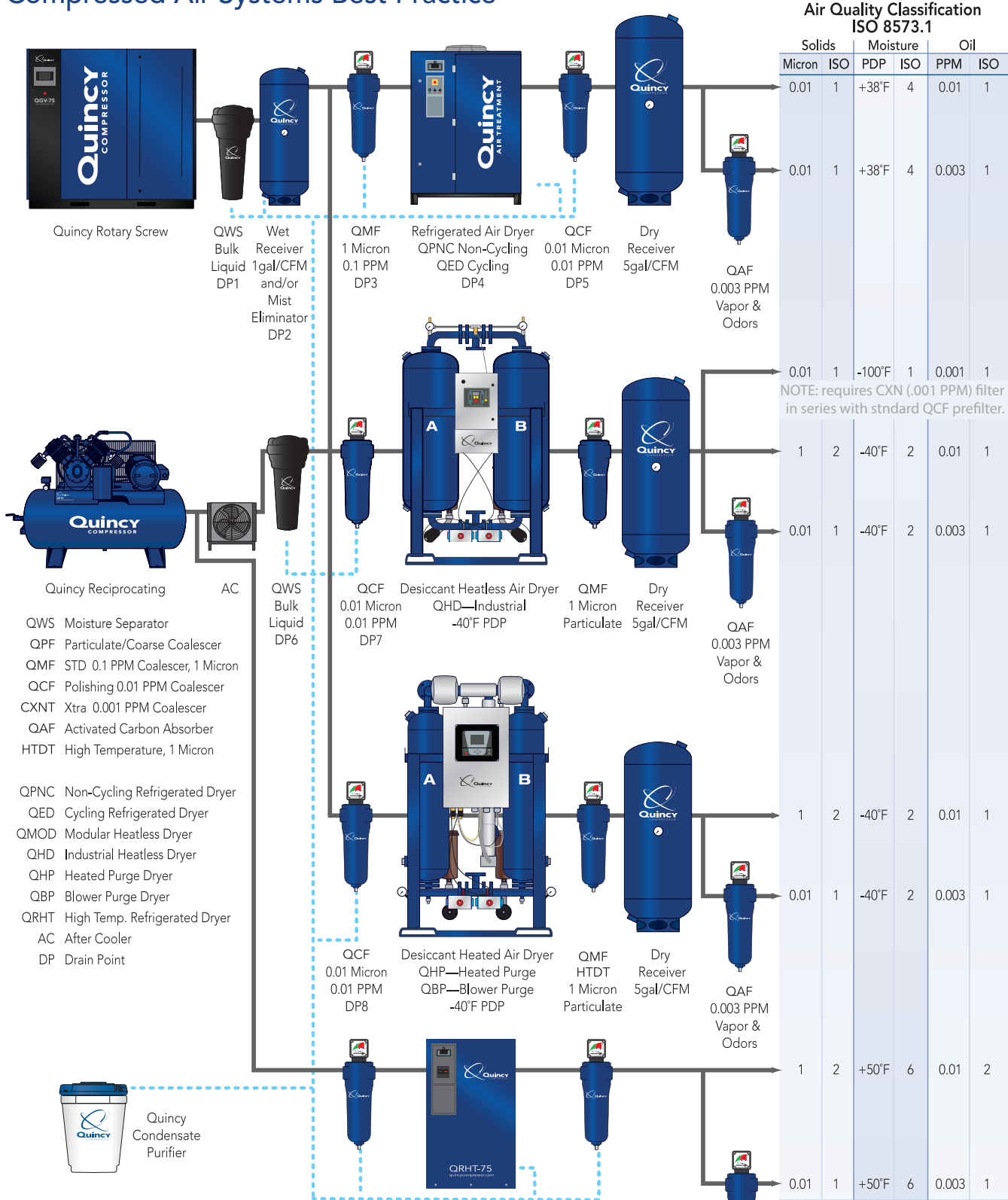
* Unit performance measured according to ISO 1217, Annex C, Edition 4:2009.



A gimmick-free, customer-focused warranty.

Everyone says they have the best machine, but very few manufacturers can back it up. Quincy backs the QSI and QGV with an industry leading actual 10-year warranty! Other compressor manufacturers charge extra for similar plans, or require a costly rebuild after 5 years. Don't purchase an empty promise when you can get 10 years of airend coverage guaranteed. This industry leading warranty is FREE and it's standard on the QSI and QGV.

Compressed Air Systems Best Practice



Air Quality Classification ISO 8573.1						
Solids		Moisture		Oil		
Micron	ISO	PDP	ISO	PPM	ISO	
0.01	1	+38°F	4	0.01	1	
0.01	1	+38°F	4	0.003	1	
0.01	1	-100°F	1	0.001	1	NOTE: requires CXN (.001 PPM) filter in series with standard QCF prefilter.
1	2	-40°F	2	0.01	1	
0.01	1	-40°F	2	0.003	1	
1	2	-40°F	2	0.01	1	
0.01	1	-40°F	2	0.003	1	
1	2	-40°F	2	0.01	1	
0.01	1	-40°F	2	0.003	1	
1	2	+50°F	6	0.01	2	
0.01	1	+50°F	6	0.003	1	

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

Drain Point	Gallons per Year	Drain Point	Gallons per Year	Drain Point	Gallons per Year
1	3000	5	140	9	300
2	2000	6	3000	10	4320
3	305	7	310	11	120
4	1300	8	310		



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