

# QGD & QGDV Series



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# QGD & QGDV Series

Rotary Screw Air Compressors | 15-60 HP



# Quality Comes in All Shapes and Sizes – But Just One Color.

## Quincy has the Compressed Air Solution for your Application.

Since 1920, Quincy's trademark blue compressors have been hard at work building our company's reputation for quality and performance in the world's most demanding applications and harshest environments.

## We're Still Making History.

Today, you'll find that same leadership in Quincy's next-generation compressed air solutions that feature everything from smart controls to green technologies. We know that your company is counting on our reputation. That's why every Quincy product is designed, constructed and proven to deliver exceptional customer value before it is worthy of wearing the Quincy name.

## Our Promise to You.

As a customer, you can always count on Quincy for a low cost of ownership through stable air pressure, easy maintenance and longer equipment life. And we back it all with one of the strongest manufacturer warranties in the industry. No shortcuts and no substitutions. That's the quality of Quincy.

## Proven Performance. Next-Level Efficiency. Low Cost of Ownership.

The QGD & QGDV Series represent the ongoing evolution of proven compressed air technology. Packed with the latest innovations, premium features and almost a century of compressed air experience, these models offer improved features and benefits.

These units are even more quiet, durable and efficient in a way that lowers your total cost of ownership. That's the value of true innovation and the signature Quincy quality.

- **Choice of Drive Systems**

Reliable fixed or variable speed drive options to match the needs of your application.

- **Greater Installation Flexibility**

Smaller footprint designed to operate with reduced noise and vibration levels, making it suitable for nearly all applications.

- **Impressive Standard Features**

Units come well-equipped with premium components like a TEFC motor, Wye Delta starting, package pre-filtration and NEMA4 electrical enclosure as standard equipment.

- **Reduced Energy Costs**

Energy efficient technologies include an IE3/NEMA Class 1 efficiency motor, gear drivetrain, energy efficient airends, new Airlogic2 controller, and a special drivetrain-cooling canopy.

- **Simplified Maintenance**

New design features hinged, quick release panels with instant access to all consumables to minimize downtime and reduce maintenance costs.

- **Leading Warranty**

Quincy's "True Blue" 5-Year manufacturer warranty protection for the airend, motor, separator tank and cooler/heat-exchanger.

# Intelligent Control for Maximum Efficiency

Quincy's Airlogic<sup>2</sup> controller delivers key information for easy monitoring and intuitive control with an intelligent unload cycle to optimize energy use for maximum efficiency.

- Automatic restart after power failure
- Dual pressure set point
- Program up to four different week-schedules for 10-week period
- Graphic service plan indication
- Remote control and connectivity functions
- Software available to control up to six compatible compressors



# Online Visualization Capability is Standard

Airlogic<sup>2</sup> controllers allow you to freely monitor your Quincy compressor(s) from anywhere you have Internet access. Just enter a valid IP address in your computer browser and your status will be displayed in a read-only format.

- Built-in Internet monitoring capability
- No fees or subscription required
- Clear and easy to understand readout
- Icon-based display
- Browser-based online compressor status visualization
- LED status alerts for alarm, service needed, auto operation and power on

# Quincy Ingenuity Reduces Your Maintenance Costs

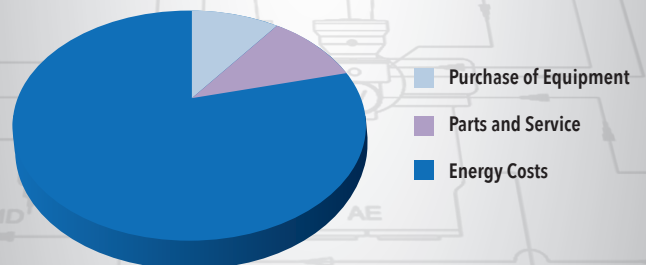
The QSI's have evolved with valuable input from our customers. As a result, we developed the "best in class" design for compressor serviceability. These units have several key features that promote simple maintenance and fast servicing to minimize downtime and labor costs, including:

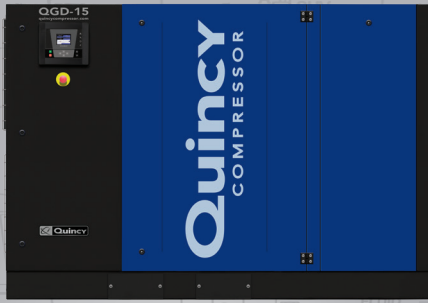
- **Boltless Hinged Doors (Front and Back)**  
Promotes quick and easy access to all user-maintained components; heat exchangers can be cleaned without removal
- **Fast Panel Access to Consumables**  
Provides instant access to all consumables (air filter, oil filter, separator element, oil fill location) via a single panel
- **Large Roof Service Access**  
Offers ample access for easy maintenance through easily removable roof panel
- **Spin-On Filters (15-30Hp)**  
Allows for speedy oil and air filter changes without tools or disassembly

## Determining Your Compressor's True Life Cycle Cost

Purchasing a compressor is an investment. How that investment continues to perform over its life, directly impacts your bottom line.

### Total Life Cycle Cost





## Quincy QGD 15-30 HP Fixed Speed Drive Rotary Screw Compressor

### Standard Premium Features (15-30)

Quincy's QGD 15-30 hp fixed speed drive rotary screw compressors are designed for many small to medium-sized industrial applications that benefit from steady air generation in a small footprint design.

Standard equipment on the QGD 15-30 features many premium key components, including upgraded controls, pre-package air filtration and phase monitoring. These affordable rotary screw compressors are reliable and easy to maintain to deliver premium efficiency for a low cost of ownership.



## Quincy QGD 40-60 HP Fixed Speed Drive Rotary Screw Compressor

### Standard Premium Features (40-60)

The QGD 40-60 hp fixed speed drive rotary screw compressors offer additional horsepower from a fixed speed drive in a small footprint design. These units are well-suited for medium-sized industrial applications that require steady air production.

Standard equipment on the QGD 40-60 hp production includes premium key components, upgraded controls, pre-package air filtration and phase monitoring. These affordable rotary screw compressors are reliable and easy to maintain to deliver premium efficiency with a low cost of ownership.



## Quincy QGDV 15-30 HP Variable Speed Drive Rotary Screw Compressor

### Standard Premium Features (15-30)

Quincy's QGDV 15-30 hp offers the benefit of variable speed gear drive for small industrial applications with fluctuating compressed air demands. These units are up to 50% more energy efficient than fixed speed drives with an extensive flow range of 24% - 100%. This effectively reduces your compressor's lifecycle costs by an average of 37%. The QGDV 15-30 hp also removes peak current penalty during startup, minimizes system leakage and eliminates wasted idling times during operation. Together, these capabilities dramatically lower energy consumption throughout the life of the compressor.

Standard equipment on this model features premium key components like upgraded controls and prepackage filtration. These affordable rotary screw compressors are reliable and easy to maintain to deliver premium efficiency for an exceptionally low cost of ownership.

# Compressor Model Features and Benefits Comparison

Compressor Model	Compact Design	Fixed Speed Gear Drive	Variable Speed Gear Drive	TEFC Motor	Efficient WyeDelta Starting	Cooling Canopy Design	NEMA 4 Electrical Enclosure	Quiet Operation	Single Panel & Large Roof Service Access	Improved Specific Energy	Advanced Free Air Delivery
QGD 15-30	•	•		- IE3, NEMA Class 1 Rating	•	•	•	66 - 69 dBA	•	•	•
QGD 40-60	•	•		- IE3, NEMA Class 1 Rating	•	•	•	66 - 69 dBA	•	•	•
QGDV 15-30	•		- Danfoss Variable Speed Drive with Cubicle Vent Fan	- IE3, NEMA Class 1 Rating		•		66 - 69 dBA	•	•	•

# Compressor Controls Features and Benefits Comparison

Compressor Model	Clear & Simple Readout	Icon Based Display	Auto Run	General Alarm	Power On LEDs	Temp & Dewpoint Display	Service Indicator & Fault Mgmt.	Start/Stop Controls	Remote Start/Stop
Airlogic <sup>2</sup> Control (QGD 15-30, QGD 40-60, QGDV 15-30)	•	•	•	•	•	•	•	•	•

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

# QGD Fixed Speed Technical Data

Model No.	HP	KW	PSI	ACFM	Length	Width	Height	Lbs	dBA
QGD-15	15	11	100	82.3	56.4	33.1	50.3	1071	66
QGD-15	15	11	125	70.1	56.4	33.1	50.3	1071	66
QGD-15	15	11	150	61.8	56.4	33.1	50.3	1071	66
QGD-20	20	15	100	102.7	56.4	33.1	50.3	1089	67
QGD-20	20	15	125	97.2	56.4	33.1	50.3	1089	67
QGD-20	20	15	150	79.8	56.4	33.1	50.3	1089	67
QGD-25	25	18	100	124.0	56.4	33.1	50.3	1122	68
QGD-25	25	18	125	109.8	56.4	33.1	50.3	1122	68
QGD-25	25	18	150	102.3	56.4	33.1	50.3	1122	68
QGD-30	30	22	100	145.4	56.4	33.1	50.3	1157	69
QGD-30	30	22	125	132.2	56.4	33.1	50.3	1157	69
QGD-30	30	22	150	118.4	56.4	33.1	50.3	1157	69
QGD-40	40	30	100	214.4	51.2	35	70.5	1415	66
QGD-40	40	30	125	192.6	51.2	35	70.5	1415	66
QGD-40	40	30	150	175.0	51.2	35	70.5	1415	66
QGD-50	50	37	100	247.1	51.2	35	70.5	1536	67
QGD-50	50	37	125	229.7	51.2	35	70.5	1536	67
QGD-50	50	37	150	214.4	51.2	35	70.5	1536	67
QGD-60	60	45	100	295.2	51.2	35	70.5	1639	68
QGD-60	60	45	125	273.3	51.2	35	70.5	1639	68
QGD-60	60	45	150	249.2	51.2	35	70.5	1639	68

\* Unit performance measured according to ISO 1217, Annex E, Edition 4:2009

Integrated Air Treatment	High Efficiency Airend	Package Pre-Filtration	Cooling System	Microprocessor Controls	Centrifugal Blower	Oversized Cooler & Fan Combination	Air/Oil Circuit	True Blue 5-Year Warranty	Available Options
•	•	Pre-Filter - Cooler - Motor	- Independent Air/Oil Design - Elimination of Thermal Stress - Canada CRN	- Airlogic <sup>2</sup>	•	•	- 4,000 hrs. Air Filter - 4,000 hrs. Oil Filter - 4,000 hrs. Separator	- Drive Motor - Airend - Separator Reservoir - Cooler/Heat Exchanger	- Dryer - Tank
•	•	•	- Independent Air/Oil Design - Elimination of Thermal Stress	- Airlogic <sup>2</sup>	•	•	- 4,000 hrs. Air Filter - 4,000 hrs. Oil Filter - 8,000 hrs. Separator	- Drive Motor - Airend - Separator Reservoir - Cooler/Heat Exchanger	- Dryer
•	•	Pre-Filter - Cooler - Motor	- Independent Air/Oil Design - Elimination of Thermal Stress - Canada CRN	- Airlogic <sup>2</sup>	•	•	- 4,000 hrs. Air Filter - 4,000 hrs. Oil Filter - 4,000 hrs. Separator	- Drive Motor - Airend - Separator Reservoir - Cooler/Heat Exchanger	- Dryer - Tank

Programmable Auto-Restart	Motor Start Limit	Max/Min Temp Default Settings	Online Monitoring	Pressure Display	Full Color Display	Smart Unload Cycle	Networked Unit Capability	Flexible Scheduling	Integrates w/ NetSync II System Controller
•	•	•	•	•	•	•	6	- Up to 4 different weekly schedules over 10 weeks	•

## QGDV Variable Speed Technical Data

Model No.	HP	KW	PSI	ACFM	Length	Width	Height	Lbs	DBA	Model No.	HP	KW	PSI	ACFM	Length	Width	Height	Lbs	DBA
QGDV-15	15	11	100	79.9	56.3	33.1	50.3	1052	66	QGDV-25	25	18	100	127.1	56.3	33.1	50.3	1135	68
QGDV-15	15	11	125	72.3	56.3	33.1	50.3	1052	66	QGDV-25	25	18	125	117.6	56.3	33.1	50.3	1135	68
QGDV-15	15	11	150	63.6	56.3	33.1	50.3	1052	66	QGDV-25	25	18	150	106.8	56.3	33.1	50.3	1135	68
QGDV-20	20	15	100	102.6	56.3	33.1	50.3	1069	67	QGDV-30	30	22	100	154.5	56.3	33.1	50.3	1171	69
QGDV-20	20	15	125	96.2	56.3	33.1	50.3	1069	67	QGDV-30	30	22	125	141.3	56.3	33.1	50.3	1171	69
QGDV-20	20	15	150	87.1	56.3	33.1	50.3	1069	67	QGDV-30	30	22	150	124.8	56.3	33.1	50.3	1171	69

\* Unit performance measured according to ISO 1217, Annex E, Edition 4:2009

# True Life Cycle Cost = Purchase Price + Energy Costs + Parts and Service + Additional Factors

- **Purchase Price**

This is the “upfront” portion of your investment. Over time, the impact of this expense becomes less significant, especially in units that run with minimal downtime over a long life.

- **Parts and Service**

This cost can vary depending on the type of unit purchased and the application it performs. In all cases, this expense can be calculated by considering the cost and schedule of regular maintenance as a baseline. High stress or demanding applications should also consider the availability of genuine replacement parts and the cost of repairing or replacing key components.

- **Energy Costs**

Over the operating life of your compressor, energy is the greatest share of your true life cycle cost. Additionally, energy expenses often fluctuate, and these price changes can directly impact your overall profitability. Consider placing an emphasis on units that come with more energy efficient features to help minimize the impact of energy costs throughout your compressor’s operational life.

- **Additional Factors**

In addition to purchase price, parts/service and energy costs, you should also consider any applicable factors based on the needs of your application and configuration of your compressor. These can include (but are not limited to):

- Load profile
- Unloaded energy costs
- Energy recovery
- Pressure drops across equipment and piping
- Demand charges
- Dryer energy costs
- Auxiliary equipment energy costs
- Load/unload cycle time
- Bleed-down losses
- Non-production operation
- Artificial demand
- Air leak losses
- Project engineer recommendations
- System pressure set points

## Quincy Helps You Do More For Less.

When you purchase a Quincy compressor, you’re investing in proven, long-term performance. As our customer, you’ll appreciate the minimized downtime, reduced maintenance costs and energy efficient operation of the industry’s low-cost-of-ownership leader. Plus, we back it all with a rock-solid manufacturer warranty you can trust. That’s the quality of Quincy.

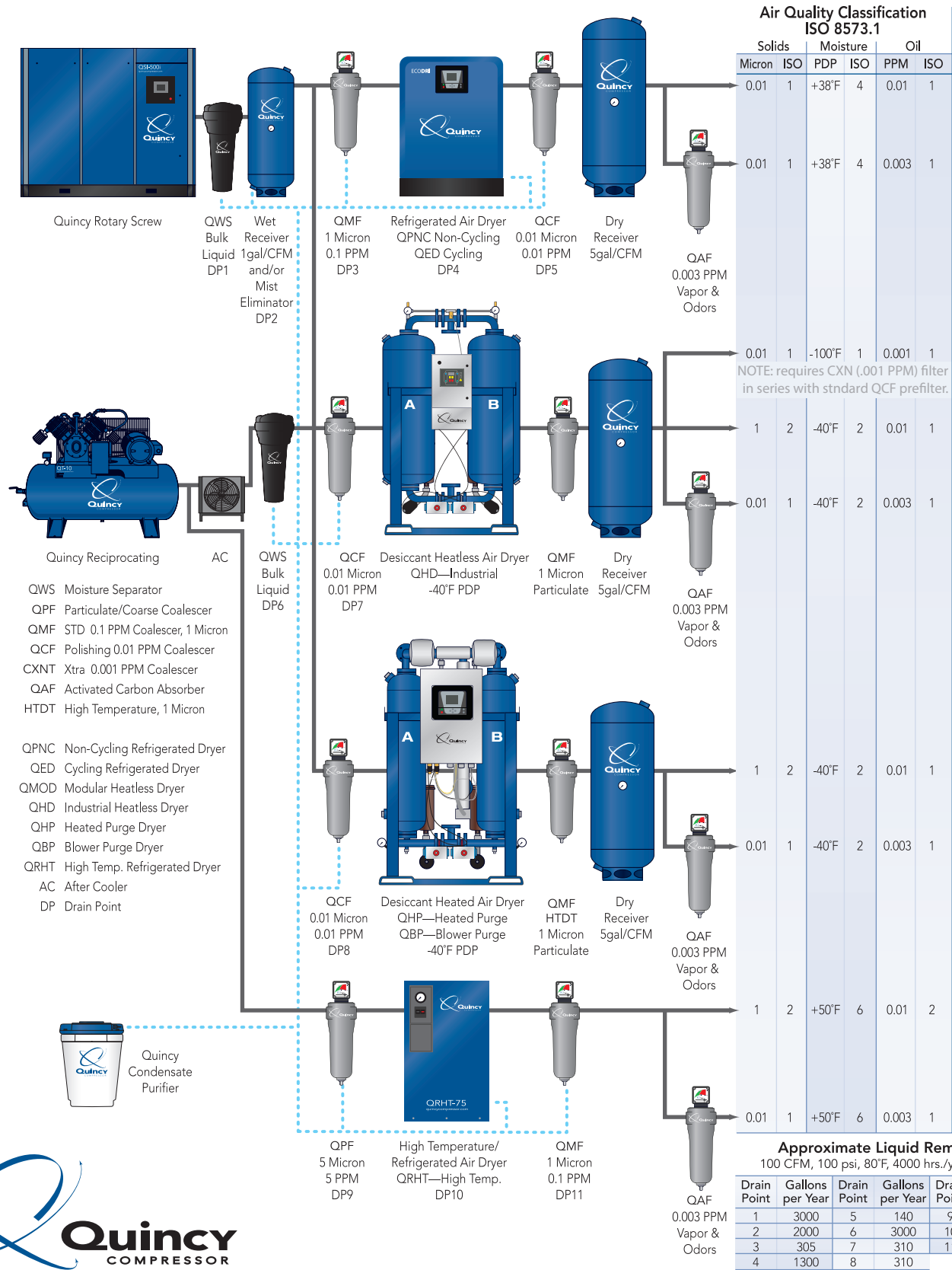
For more information on the QGD & QGDV Series or other compressed air solutions, contact your Quincy representative or visit us online at [QuincyCompressor.com](http://QuincyCompressor.com).



Performance You Demand.  
Reliability You Trust.



# Compressed Air Systems Best Practice



Performance You Demand. Reliability You Trust.™

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