



Performance You Demand. Reliability You Trust.®



Quincy QGD



QUINCY QGD SERIES
ROTARY SCREW
AIR COMPRESSORS
40 – 50 HP



QUINCY QGD 40-50

PROVEN RELIABILITY FROM YEARS OF INNOVATION

The Quincy QGD direct-drive rotary screw compressor is the newest addition to the legendary Quincy Compressor product offering. With a direct-drive airend design, industrial-grade enclosure and simple, easy-to-upgrade controls, the Quincy QGD is designed to provide reliable compressed air under the most demanding conditions.

Backed by Quincy Compressor's 10-Year Royal Blue Warranty, the Quincy QGD carries the same rugged construction that has inspired customer loyalty for generations.

PERFORMANCE YOU DEMAND. RELIABILITY YOU TRUST.

- Modular, industrial-grade enclosure provides users with the option of running the unit with or without the sound enclosure in place. Other brands require all enclosure panels in place for proper cooling
- Standard controls for the Quincy QGD are PLC based, which means upgrading and networking are a "snap". A simple, easy-to-read touch-pad allows users to adjust system requirements with minimal effort
- From its easy-to-change, spin-on type separator filter, to its oversized oil level sight glass, the QGD has been specifically designed with time-saving maintenance in mind
- World-class efficiency with sound levels as low as 67 dBA at 1 meter, the Quincy QGD delivers high performance while keeping workplace sound levels comfortable
- Integrated docking dryer option saves floor space and installation costs



Shown with optional docking dryer

QUINCY QGD – PERFORMANCE DATA

	Capacity* - acfm (m ³ /hr) @			Enclosed Sound Level (dBA)	Dimensions			Weight lbs. (kg)
	100 psig (7 bar)	125 psig (8.5 bar)	150 psig (10 bar)		Length in. (mm)	Width in. (mm)	Height in. (mm)	
QGD-40	186 (316)	181 (308)	153 (260)	69	72.2 (1834)	39.3 (999)	64.7 (1644)	1780 (808)
w/dryer					93.7 (2380)	39.3 (999)	64.7 (1644)	2106 (956)
QGD-50	226 (384)	223 (379)	184 (313)	69	72.2 (1834)	39.3 (999)	64.7 (1644)	1880 (853)
w/dryer					93.7 (2380)	39.3 (999)	64.7 (1644)	2214 (1005)

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

EXTEND THE LIFE OF YOUR COMPRESSOR WITH QUINCY LUBRICANTS



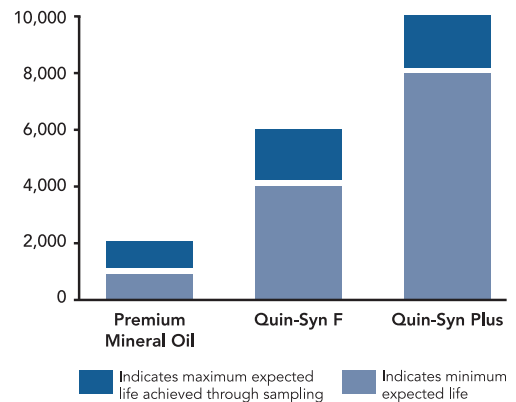
QUIN-SYN lubricants are uniquely formulated for Quincy products. Quin-Syn ensures optimum performance and keeps units running smoothly for years to come.

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

NON-TOXIC

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

EXPECTED LUBRICANT LIFE at normal operating conditions



QUINCY'S INDUSTRY LEADING 10-YEAR WARRANTY

Everyone says they have the best machine, but how do they support it? Quincy backs the QGD 40-50 with the world's best warranty! Other compressor manufacturers charge extra for similar plans, or for an extended warranty. Why purchase an empty promise when you can get 10 years of airtend coverage standard? The world's best warranty is FREE and it's standard on the QGD 40-50.

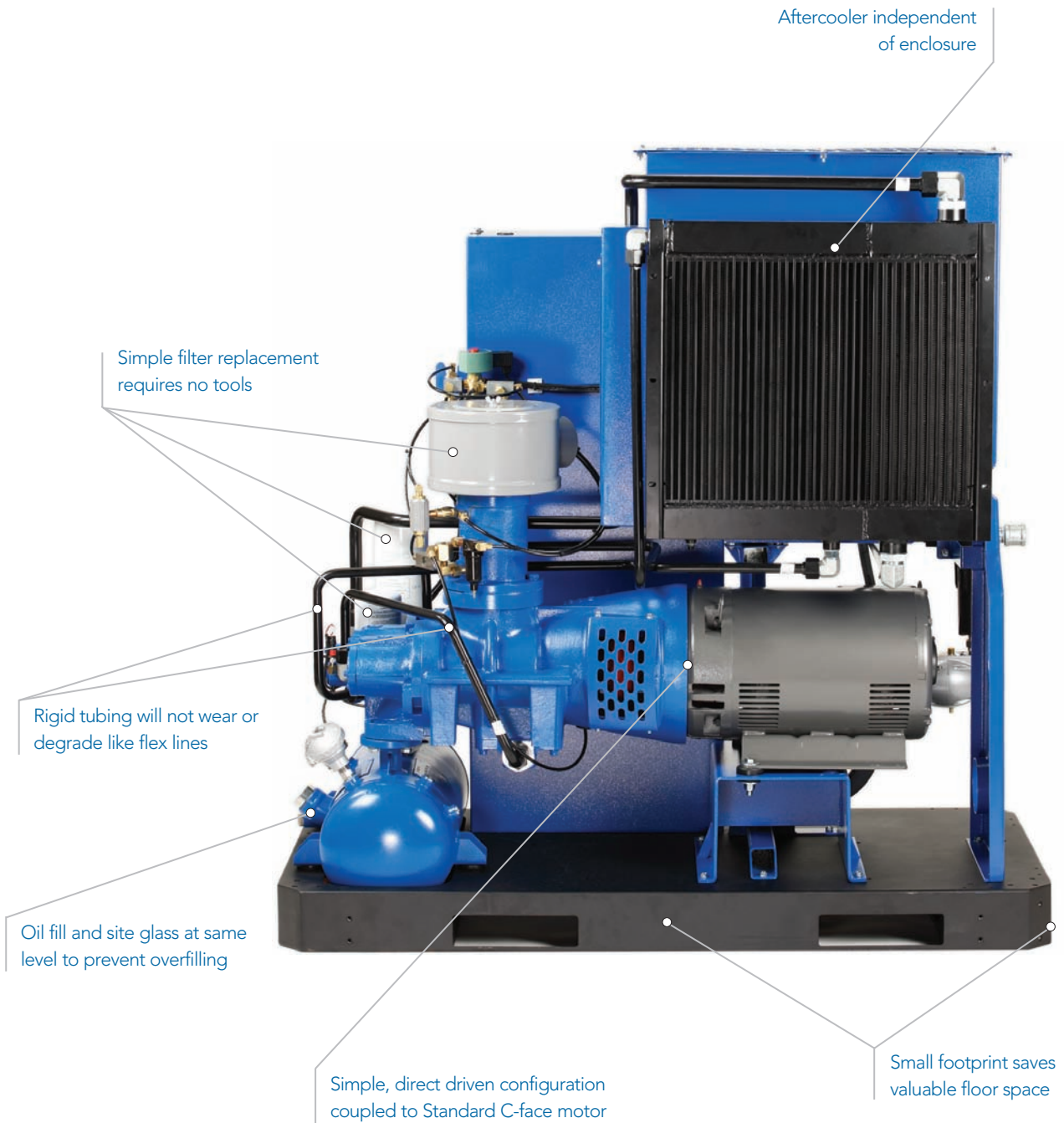
WORLD'S BEST WARRANTY:

10-YEAR AIRTEND WARRANTY, FIVE YEAR WARRANTY ON MAJOR COMPONENTS.

QUINCY QGD 40-50

EASY ACCESS MEANS EASY MAINTENANCE



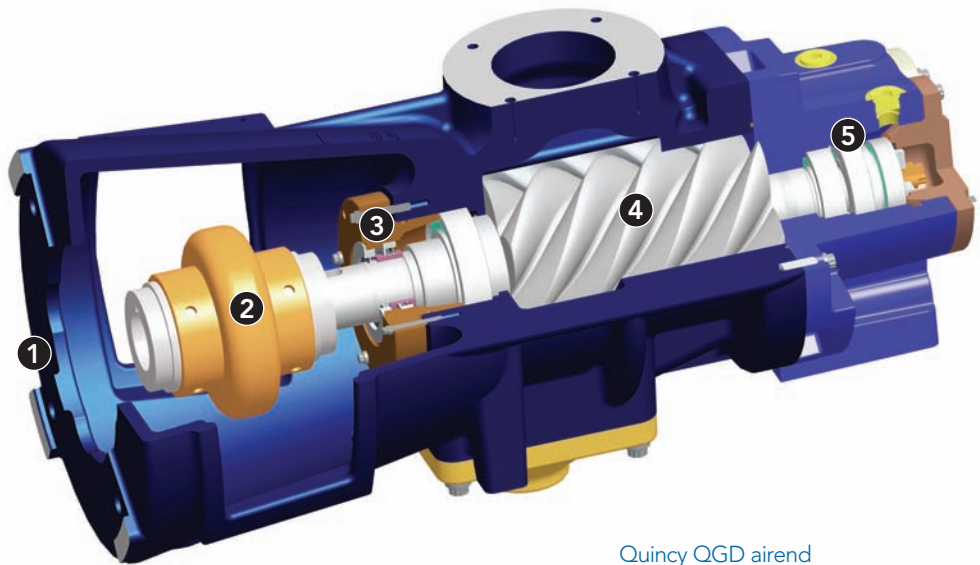


QUINCY QGD 40-50

PROVEN QUINCY RELIABILITY

In 1920, Quincy Compressor established its foundation in the compressed air industry with a reputation for producing cutting edge

solutions, by engineering reliability and quality into every product manufactured. The QGD is no exception, featuring a powerful airend.



Quincy QGD airend

- 1** Using a standard C-Face mounted motor ensures that the motor and compressor will be properly aligned when the compressor leaves the factory... and stay that way.
- 2** The integrated mounting flange allows access for coupling maintenance. The flexible dropout coupling can be replaced without removing the motor!
- 3** A cartridge-style, triple-lip seal arrangement ensures the oil stays in and contaminants stay out.
- 4** Designed to be direct driven with no gearing or belts involved, the Quincy QGD compressor rotors provide an optimal balance between efficiency and reliability.
- 5** The Quincy QGD utilizes cylindrical roller bearings to handle radial loads and a separate tapered roller bearing for thrust loads. This arrangement ensures long, reliable compressor life under the most demanding conditions.

INDUSTRIAL INTELLIGENCE

- Provides a rugged and reliable platform
- Selectable control types ensure smooth operation and efficiency
- Simple communication between networked units leaves room for easy system expansion



Quincy Microprocessor Controller

MICROPROCESSOR CONTROL

Simple

- Large LCD display shows you real-time performance information
- Trouble free operation

Expandable

- Program upgrades are easy to install, with no special tools or training required
- Network up to 6 machines

Complete

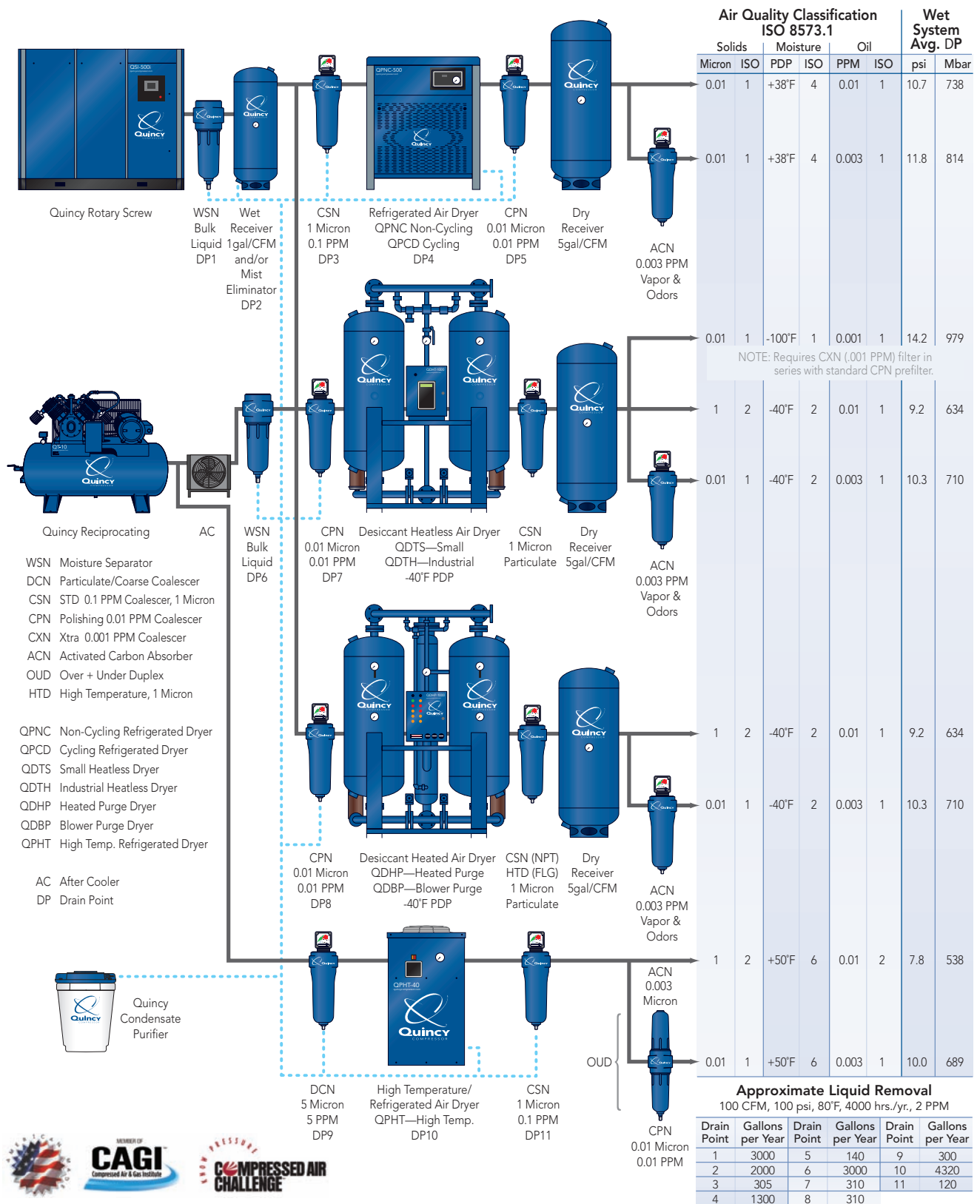
The Quincy Microprocessor Controller provides continuous monitoring of your QGD's operation. You can think of this as the full-time preventive maintenance, compressed air and energy manager for your production facility. Standard auto/dual control means the QGD will not idle endlessly if you have no air demand, saving you energy. Quincy's Microprocessor Controller provides instant feedback of:

- Operating temperature and pressure
- Operating mode
 - Continuous run
 - Auto dual
 - Standby
 - Network
- Maintenance status
 - Oil filter and separator condition
 - Time to service
 - Total running and loaded hours of operation



Quincy Compressor is a systems solutions provider and offers a variety of products and expertise to optimize any compressed air system. For example, Quincy's Efficiency Quotient process includes a compressed air system self evaluation form to help uncover potential system savings. Learn more by visiting HowGreenIsYourPlant.com or inquire with your local authorized Quincy Compressor distributor for more details. To learn more about compressed air system "best practices", see the back cover of this brochure.

COMPRESSED AIR SYSTEMS BEST PRACTICE



Air Quality Classification ISO 8573.1						Wet System Avg. DP	
Solids		Moisture		Oil		psi	Mbar
Micron	ISO	PDP	ISO	PPM	ISO		
0.01	1	+38°F	4	0.01	1	10.7	738
0.01	1	+38°F	4	0.003	1	11.8	814
0.01	1	-100°F	1	0.001	1	14.2	979
1	2	-40°F	2	0.01	1	9.2	634
0.01	1	-40°F	2	0.003	1	10.3	710
1	2	-40°F	2	0.01	1	9.2	634
0.01	1	-40°F	2	0.003	1	10.3	710
1	2	+50°F	6	0.01	2	7.8	538
0.01	1	+50°F	6	0.003	1	10.0	689

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		

Quincy Rotary Screw
WSN Bulk Liquid DP1
Wet Receiver 1gal/CFM and/or Mist Eliminator DP2
CSN 1 Micron 0.1 PPM DP3
Refrigerated Air Dryer QPNC Non-Cycling QPCD Cycling DP4
CPN 0.01 Micron 0.01 PPM DP5
Dry Receiver 5gal/CFM
ACN 0.003 PPM Vapor & Odors

Quincy Reciprocating
WSN Moisture Separator
DCN Particulate/Coarse Coalescer
CSN STD 0.1 PPM Coalescer, 1 Micron
CPN Polishing 0.01 PPM Coalescer
CXN Xtra 0.001 PPM Coalescer
ACN Activated Carbon Absorber
OUD Over + Under Duplex
HTD High Temperature, 1 Micron

QPNC Non-Cycling Refrigerated Dryer
QPCD Cycling Refrigerated Dryer
QDTS Small Heatless Dryer
QDTH Industrial Heatless Dryer
QDHP Heated Purge Dryer
QDBP Blower Purge Dryer
QPHT High Temp. Refrigerated Dryer

AC After Cooler
DP Drain Point

Quincy Condensate Purifier

DCN 5 Micron 5 PPM DP9
High Temperature/Refrigerated Air Dryer QPHT—High Temp. DP10
CSN 1 Micron 0.1 PPM DP11

