

SERVING THE MARINE INDUSTRY SINCE 1947



 **Quincy** PRODUCT LINE
COMPRESSOR
PRODUCTS & SERVICES

QUINCY COMPRESSOR



**Quincy OSI®
Rotary Screw Compressor**

**Quincy QT® Max
Reciprocating Compressor**



Proven Value from Years of Innovation

Since 1920, Quincy Compressor has defined the industry standard for reliability. 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.

Performance You Demand. Reliability You Trust.

- Delivering reliable air compressors for the most demanding applications
- Setting industry performance standards for nearly a century
- Manufacturing legendary airends
- Offering industry-leading warranties
- Providing low cost of ownership

Efficiency Measured Beyond Power Consumption

In today's business environment, it's not enough to meet customer needs. At Quincy, we strive to exceed expectations by providing much more than just a reliable air compressor. We're system experts. Our innovative products coupled with a network of seasoned and knowledgeable professionals allows us to develop not only efficient equipment, but valuable support, as well, in the areas of service, controls, quality genuine parts and extended warranty programs.

Quincy Compressor set the quality standards for air compressors almost a century ago. Today and into the future, Quincy innovations continue to raise the bar for dependability, durability and efficiency. We're working to enhance proven technologies ranging from rotary screw and natural gas to oil-free and reciprocating piston air compressors, in addition to vacuum pumps and a full line of air treatment components. Quincy Compressor is headquartered in Bay Minette, Alabama with a global presence. Visit quincycompressor.com to learn even more.

Get the Qniverse app for your Quincy Compressor and compressed air system needs

- View and manage your compressor warranty registrations
- Log maintenance, access parts book and manual on your mobile device
- Find your local parts and service provider

RECIPROCATING & NATURAL GAS COMPRESSORS



Quincy QR-25®

- 1 - 25 hp
- 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



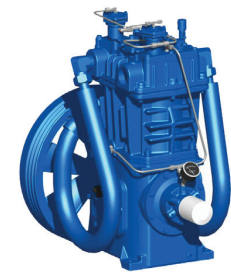
Quincy QP

- 5 - 15 hp
- 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, PRO+ and MAX packages with 2-Year package and 3-Year pump NO BULL Warranty with purchase of associated extended warranty kit



Quincy QT®

- 5 - 15 hp
- 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, PRO+ and MAX packages with 2-Year package and 3-Year pump NO BULL Warranty with purchase of associated extended warranty kit



Quincy QRNG™

- 2-34 hp single-stage, 5-33 hp two-stage
- Two-stage designed specifically for natural gas boosting
- Operation up to 500 PSIG on selected models with intermittent duty cycle
- Closed loop - blow by gas returned to suction
- Shaft seal improvement; seal holds internal pressure to 30 PSI

Model	HP	ACFM @175 PSIG*
QR-210**	1-1 1/2	3.3/4.8
QR-310	2	6.3
QR-325	3	10.4
QR-325	5	17.4
QR-340	7.5	26.0
QR-350	10	33.4
QR-370	15	49.3
QR-390	20	67.0
QR-5120	25	90.4

**Single-stage model @ 100 PSIG
*Applicable data doubled for Duplex models

Model	HP	ACFM
QP-5	5	17.2
QP-7.5	7.5	23.6
QP-10	10	36
QP-15	15	51

Visit quincycompressor.com to learn about our single stage 2 hp - 3.5 hp options.

Model	HP	ACFM @175 PSIG
QT-54	5	15.2
QT-5	5	17.2
QT-7.5	7.5	23.6
QT-10	10	36.0
QT-10S	10	27.0
QT-15	15	51.0

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

PRO+ package - ODP Motor, Motor overload protection, automatic tank drain, automatic start/stop 5 to 10 hp, dual control on 15 hp, low oil level shutdown, NO BULL warranty available

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).



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ROTARY SCREW COMPRESSORS



Quincy QGSV®

- 10-50 hp
- Airlogic2 Microprocessor Controller
- Direct drive transmission for energy savings & reduced maintenance cost
- 20-100% turndown capacity
- TEFC drive motor
- Danfoss Variable Speed Controller
- Quincy's "True Blue" 5-Year manufacturer warranty with on-site start-up by authorized partner.



Model	HP	ACFM @100 PSIG*
QGSV-10	10	41.4
QGSV-15	15	65.1
QGSV-20S	20	78.7
QGSV-20	20	101.6
QGSV-25	25	125.1
QGSV-30	30	139.9
QGSV-40	40	193.6
QGSV-50	50	217.2
QGSV-60	60	263.8

Intermediate capacities available.
Consult model-specific brochure.
* FAD tested in accordance with ISO 1217, Ed.3, Annex-C.



Quincy QGDV™

- 15-30 hp
- Variable speed control to as low as 24% capacity
- 58 - 150 PSIG full load operation
- Maintains maximum efficiency across the broadest operating range
- Available downstream pressure signal
- Quincy's "True Blue" 5-Year manufacturer warranty



Model	HP	ACFM @100 PSIG*
QGDV-15	15	79.9
QGDV-20	20	102.6
QGDV-25	25	127.1
QGDV-30	30	154.5

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



Quincy QGV™

- 40-300 hp
- Variable speed control to as low as 22% capacity
- 75 - 150 PSIG full load operation
- Industry-leading efficiency and Total Cost of Ownership
- Available downstream pressure signal
- Quincy's "Royal Blue" 10-Year manufacturer warranty



Model	HP	ACFM @100 PSIG*
QGV-40	40	198.1
QGV-50	50	241.9
QGV-60	60	285.8
QGV-75	75	378.1
QGV-100	100	510.0
QGV-125	125	593.4
QGV-150	150	819.8
QGV-175	175	981.7
QGV-200	200	1122.4
QGV-250	250	1509.4
QGV-300	300	1821.7
QGV-350	350	1988.5
QGV-400	400	2113.3

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

ROTARY SCREW COMPRESSORS



Quincy QGS™

- 5–100 hp
- Long life V-belt drive
- High efficiency intake filter
- TEFC motor, IP 55
- Low sound enclosure standard 62 - 68 dBA
- Factory-filled 8,000 hour premium synthetic fluid
- Quincy's "True Blue" 5-Year manufacturer warranty with on-site start-up by authorized partner.

Model	HP	ACFM	PSIG
QGS-5	5	17	145
QGS-7.5	7.5	25	145
QGS-10	10	38.8	125
QGS-15	15	54.9	125
QGS-20S	20	60.8	125
QGS-20	20	82.2	125
QGS-25	25	99.4	125
QGS-30	30	113.8	125
QGS-40	40	154.9	125
QGS-40c	40	176.1	125
QGS-50c	50	203.1	125
QGS-60	60	262.5	125
QGS-75	75	320	125
QGS-100	100	434	125

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



Quincy QGD™ 15-125

- Greater installation flexibility
- Reduce Energy Costs
 - TEFC Premium Efficiency motor
 - Gear drivetrain
 - Energy efficient airends
 - New Airlogic2 controller
 - Special drivetrain-cooling canopy
- Simplified maintenance
- Quincy's "True Blue" 5-Year manufacturer warranty
- Impressive features
 - NEMA 4
 - Wye-Delta
 - TEFC Drivemotor
 - Phase Monitor

Model	HP	ACFM @100 PSIG*
QGD-15	15	82.4
QGD-20	20	102.7
QGD-25	25	124.0
QGD-30	30	145.4
QGD-40	40	214.4
QGD-50	50	247.1
QGD-60	60	295.2
QGD-75	75	369.3
QGD-100	100	466.7
QGD-125	125	583.1

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



Quincy QSI™

- 50–400 hp
- 100% flow at 100, 110, 125 and 150 PSIG
- Industry-leading efficiency and Total Cost of Ownership
- Air or water cooled
- Oversized coolers for operation in temperatures up to 115°F
- Impressive standard features
 - TEFC Drive Motor
 - Wye-delta starter
 - Q-Control microprocessor
- Low-sound canopy
- Quincy's "Royal Blue" 10-Year manufacturer warranty

Model	HP	ACFM @100 PSIG*
QSI-50	50	240.9
QSI-60	60	296.3
QSI-75	75	382.8
QSI-100	100	500.9
QSI-125	125	605.0
QSI-150	150	769.0
QSI-175	175	870.0
QSI-200	200	996.9
QSI-250	250	1273.0
QSI-300	300	1603.0
QSI-350	350	1805.2
QSI-400	400	2011.3

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



Quincy QGDT®

- 450–700 hp
- Twin Airend Series For Highest Efficiency and Reliability
- Built-in electrical starters (on low voltage variants)
- Flexible vibration dampers
- Q-Control Touch control system
- Full load/no load regulation system
- Structural steel skid - no foundations needed
- Quincy's "True Blue" 5-Year manufacturer warranty

Model	HP	ACFM @100 PSIG*
QGDT-450	450	1988
QGDT-500	500	2204
QGDT-600	600	2581
QGDT-700	700	2975

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



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ROTARY SCREW OIL FREE COMPRESSORS



Quincy QOF

- Oil Free Scroll Compressors
- Class Zero oil free
- 2-30 horsepower
- ISO 8573-1 certified
- 4-86.5 CFM
- 116-145 PSIG
- Low sound enclosure standard. 53 dBA
- High-efficiency IE3 motor standard
- Tank-mount option available on QOF 2-7.5
- Optional integrated dryer saves installation costs
- Standard 1-Year Warranty

Quincy QOFT 20-75

- Oil Free Rotary Tooth Compressor
- Class Zero oil free
- 20-75horsepower
- ISO 8573-1 certified
- 73-294 CFM
- 100-145 PSI
- Low sound enclosure standard.72 dBA
- Q-Control advanced monitoring
- Standard 1-Year Warranty
- Standard 2-Year Airend Warranty

Quincy WisAir

- Oil Free Water Injected Screw Compressor
- Class Zero oil free
- 20-75 horsepower
- ISO 8573-1 certified
- 100-300 CFM
- 188 Max PSIG
- Low sound enclosure standard. 68-72 dBA
- High-efficiency IE3 motor standard
- Optional integrated dryer saves installation costs
- Standard 1-Year Warranty

Quincy QOF 75-200

- Oil Free Rotary Screw Air Cooled Compressor
- Water Cooled available 150HP and above.
- Class Zero oil free
- 75-200 horsepower
- ISO 8573-1 certified
- 308-828 CFM
- 100-125 PSI
- Low sound enclosure standard. 79-80 dBA
- Q-Control advanced monitoring
- Standard 1-Year Warranty
- Standard 5-year Airend Warranty

Quincy QOF 200-400

- Oil Free Rotary Screw Water Cooled Compressor
- Class Zero oil free
- 200-400 horsepower
- ISO 8573-1 certified
- 897-1670 CFM
- 100-145 PSI
- Low sound enclosure standard.67-79 dBA
- Q-Control advanced monitoring
- Standard 1-Year Warranty
- Standard 5-Year Airend Warranty

Model	HP	CFM	PSIG	Model	HP	PSIG	CFM	Model	HP	ACFM @ PSIG	Model	HP	Max PSI	CFM	Model	HP	PSIG	CFM	
QOF-2	2	6.1	116	QOFT-20	20	125	73	WIS 20V	20	100	QOF-75	75	100	308	QOF-200 W	200	125	897	
	2	4.0	145																
QOF-3	3	8.9	116	QOFT-25	25	125	97	WIS 25V	25	114	QOF-100	100	125	399	QOF-250 W	250	125	1100	
	3	7.2	145																
QOF-5	5	14.2	116	QOFT-30	30	125	114	WIS 30V	30	140	QOF-100V	100	125	409	QOF-250V W	250	125	443-1205	
	5	12.5	145																
QOF-7.5	7.5	20.8	116	QOFT-30V	30	145	40-120	WIS 40V	40	176	QOF-125	125	125	487	QOF-300 W	300	125	1317	
	7.5	16.1	145																
QOF-10	2 x 5	28.4	116	QOFT-40	40	125	162	WIS 50V	50	220	QOF-125V	125	125	549	QOF-300V W	300	125	512-1465	
	2 x 5	24.2	145																
QOF-15	2 x 7.5	43.0	116	QOFT-50	50	125	197	WIS 75V	75	328	QOF-150	150	125	673	QOF-350	350	125	1537	
	2 x 7.5	31.8	145																
QOF-20	4 x 5	55.9	116	QOFT-50V	50	125	87-214	* Unit performance measured according to ISO 1217, Annex C, Edition 4:2009.				QOF-175V	175	125	752	QOF-400V W	400	125	512-1670
	4 x 5	48.7	145									QOF-200V	200	125	823	* Unit performance measured according to ISO 1217, Annex C, Edition 4:2009.			
QOF-22	3 x 7.5	65.7	116	QOFT-60	60	125	230	* Unit performance measured according to ISO 1217, Annex C, Edition 4:2009.											
	3 x 7.5	50.2	145																
QOF-30	4 x 7.5	86.5	116	QOFT-75V	75	125	87-302												
	4 x 7.5	63.6	145																

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

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YOUR SOURCE FOR
Quincy
COMPRESSOR

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VACUUM PUMPS AND SOLUTIONS

A Leader in Industrial Vacuum Technology

Quincy Compressor is your headquarters for high-quality, reliable vacuum pumps that are the product of nearly 100 years of unrivaled industry expertise. Quincy vacuum pumps are used by companies across the United States and around the world due to their uncompromising reliable and unbeatable performance. They're also backed by superior 24-hour service and support from our worldwide distributor network. There are various Quincy vacuum pump models to choose from, ensuring you'll be able to find the right solution for your applications.



Quincy QSV

- 7.5-125 hp
- Direct Drive
- AirLogic 3 Graphic Controller
- Variable Speed Drive
- Capacities Range from 240-3023 ACFM
- Attain a base vacuum of 29.9" (<1 Torr)
- Modulating inlet valve
- Standard 3 phase, 60 Hz 460 volt
- Acoustical Enclosure
- Inlet Filter included

Model	HP	ACFM
QSV-205	7.5	284
QSV-345	10	357
QSV-430	15	461
QSV-530	20	516
QSV-750E	30	814
QSV-930E	40	931
QSV-1100E	50	1042
QSV-2200	75	2192
QSV-2700	100	2645
QSV-3200	125	3023

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



Quincy EControl 3.0

- Quincy's multi-pump vacuum system controller
- Network and control the Quincy VFD driven vacuum pumps in your system
- Connect up to 8 pumps standard, or up to 20 pumps with additional software
- Monitor your process with intelligent scheduling, notifications, and health checks

Standard Software

Primary focus is maintenance hours, then energy savings. The Standard Software can save 10% on energy compared to traditional sequencers.

Optimizer Software Upgrade

Primary focus is energy savings, then balancing maintenance hours. The Optimizer Software upgrade can save 20% or more energy compared to traditional sequencers.



Quincy QCV/QCLP

- Oil-free rotary claw pumps
- Direct drive
- Simple to maintain design
- Remove and reassemble claws without retiming
- Built in discharge silencer
- Stainless steel claws
- Cutting edge corrosion resistant coating on all wetted parts
- Low pressure compressor versions available (QCLP)

Model	HP	NOMINAL ACFM	Ult. "HgV
QCV-45	3	46	28.4
QCV-110	5	106	28.4
QCV-220	10	212	25.7

Model	HP	NOMINAL ACFM	Ult. PSIG
QCLP-110	20	106	36
QCLP-220	30	212	56.9

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



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COMPRESSED AIR SYSTEM PRODUCTS

Piping, Air Treatment, Controls & Fluids



AIRnet Compressed Air Piping

- Zero leak system design
- Installation 3 times faster than conventional pipe
- Reliable, safe and maintenance free
- ASME/CE/PED compliant
- Safety factor of 4 for all diameters (burst pressure)
- 10-Year Guarantee

Aluminum

- 3/4" to 6" Sizes
- Corrosion resistant material and coating
- Easy-to-use "push to twist" engineered fittings
- Rated for compressed air, vacuum and inert gas



Stainless

- Pipes SS304L 1/2" to 4" sizes
- Pipes SS316L 1/2" to 1 1/2" sizes
- Pro press connections
- Ideally designed for medical/food and beverage industries



Refrigerated Air Dryers

- QRHT high-temp
- QPVS variable speed dryers
- QED cycling
- QPNC non-cycling dryers
- Environmentally friendly refrigerants
- Two-valve balanced system on all units
- Low pressure drop heat exchangers
- Microprocessor control
- Easy access, powder-coated cabinets
- Fully instrumented
- 10 Year Heat Exchanger Warranty

COOL Refrigerated Dryer

- Non-cycling
- 50°F PDP
- Gauge dew point indicator
- 1 Year Warranty



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 valves

Heatless

- QHD - Industrial, 230 to 3600 CFM
- QMOD - Modular Adsorption 8 to 45 CFM
- QCMD - Modular Absorption 45 to 690 CFM

Heat Reactivated

- QHP - Heated Purge 850 to 3400 CFM
- QBP - Blower Purge 210 to 3400 CFM

Performance Filtration

- 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



"We make our friends; we make our enemies; but God makes our next door neighbor."

—Gilbert K. Chesterton

COMPRESSED AIR SYSTEM PRODUCTS



Efficient Drains

QZD - Electronic No Loss Drains

- Reliable
- Robust
- Saves energy
- Low maintenance
- Flexible

QTD - Electronic Timer Drains

- Simple
- Reliable
- Affordable
- 1/4" and 1/2" NPT
- Large 7/16" orifice

Pneumatic - No Loss Drains

- Energy saving
- Demand activated
- Low profile
- See-through vessel
- 1/2" full port ball valve
- Large capacity
- Ideal for oil/water separators



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



Genuine Quincy Fluids

QuinSyn

- 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
- Avoid acid formation and prevent breakdown due to oxidation of metal parts
- Specifically for oil injected machines: designed for proper water separation and surface activity which prevents foaming



EControl+

- Control up to 10 compressors
- 26 Digital inputs
- 12 Analog inputs
- 24 Digital outputs
- 8 Analog outputs
- Mk5 gateway
- Pre-defined inputs
- Power meter integration
- ICONS integrated
- Pressure transmitter (included)

ICONS CONNECTIVITY



Without **ICONS**, your air compressor can experience an unplanned shutdown— With **ICONS**, you can predict potential problems and take corrective action before issues occur!



Missing a scheduled maintenance on your air system can cause big problems in production— With **ICONS**, you can monitor your productivity 24/7 and guarantee the right service is done on time, every time.



Obviously, you can't watch your compressor's network all day, every day— Using **ICONS**, data is sent wirelessly via a cell phone signal. Your network is not used or impacted by **ICONS**. All information is accessible anytime on a private website called Q-Connect. **ICONS** is 100% safe. Rest assured your network is secure, and all data belongs to you – not us.



Plus, **ICONS** can't control your compressor network— It's a monitoring device **ONLY** and shows you how and where your production can be optimized and how to reduce energy costs.



COMPRESSED AIR SYSTEM PRODUCTS

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

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.

Cost Savings Opportunity

EQ Rating	50 HP system	100 HP system	500 HP system
85%	\$4,973	\$9,944	\$49,722
75%	\$7,458	\$14,917	\$74,584
65%	\$11,187	\$22,375	\$111,875

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.

EQ LTE

In today's increasingly competitive market, it is essential for compressed air auditing to be accurate and extremely reliable. It's more important than ever for end users to understand and maximize the benefits of an efficient compressed air system. **EQ LTE** satisfies both requirements by offering quality assured products that are backed by exceptional software and service. **Streamline Data Collection, Improve Analysis** EQ LTE equipment consists of sensor products and data loggers for a variety of air analysis tasks, including

- Voltage/Current
- Pressure
- Flow



EQ+

EQ+ is Quincy's simple data logging equipment and software solution that enables vacuum systems to be easily audited. The intelligent software of **EQ+** provides accurate results and clearly displays yearly vacuum energy savings. Save energy and cut costs thanks to our QSV pumps. Base load QSV pumps can react quickly to demand. This maximizes energy savings and reduces costs by allowing you to run your vacuum net within a narrow, predefined pressure band. This increases the stability of the process and optimizes overall energy consumption.



"When it comes to life the critical thing is whether you take things for granted or take them with gratitude."
 —Gilbert K. Chesterton

BADGERXE

INTRODUCING QUINCY'S BADGERXE Tough. Resilient. Fierce in the Harshest Elements. A variable speed air compressor for Extreme Environments

Designed for Robustness

The QFD (Quincy Frequency Drive) is designed specifically for compressor applications and features a unique thru-the-wall mounted design. This design separates the drive heat from the enclosure and protects the drive electronics to an IP5X protection degree. All components in the drive are protected from dust and moisture, thanks to a robust, NEMA4 rated enclosure. The **QGV Badger XE NEMA4 VSD** will operate trouble-free in the harshest conditions.



Cartridge End-of-Life Indication and Warning

Each cartridge is equipped with a mechanical indicator which is green when the surge protective device is operational and protecting the system, and turns red when it has reach end of life. When this occurs, the cartridge must be replaced to guarantee protection. The operational state of the surge protective device is also monitored on the controller and will return a warning when replacement is needed.

NEMA4 Enclosure

Indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, windblown dust, splashing water, and hose-directed water; and that will be undamaged by the external formation of ice on the enclosure.



NANOPERM Rings

NANOPERM rings are being used to reduce damaging motor bearing currents in the QGV variable speed compressor family. The use of NANOPERM rings not only significantly reduces the over voltage peaks at the motor terminals, but also suppresses the asymmetrical EMI currents which are generated by the parasitic currents of the motor itself together with the motor cable.



Vortex Cooler

The **Extreme Environment** Version of the QGV Series Air Compressors features a NEMA4 (1P66) thermostatically controlled vortex cooler that is internally mounted and piped to the back of the electrical enclosure. This system incorporates a vortex tube to produce cold air from compressed air—with no moving parts. By thermostatically controlling the cooler, operation only occurs when internal temperatures approach critical levels. This type of system is ideal for dirty areas where contaminants might normally pass through small holes or conduits.



Surge Suppressor

Over 80% of transient surges are caused by internal sources such as load switching and normal equipment operations. The installation of the onboard Surge Suppressor will combat these surges and provide protection to valuable equipment and help keep an operation up and running.

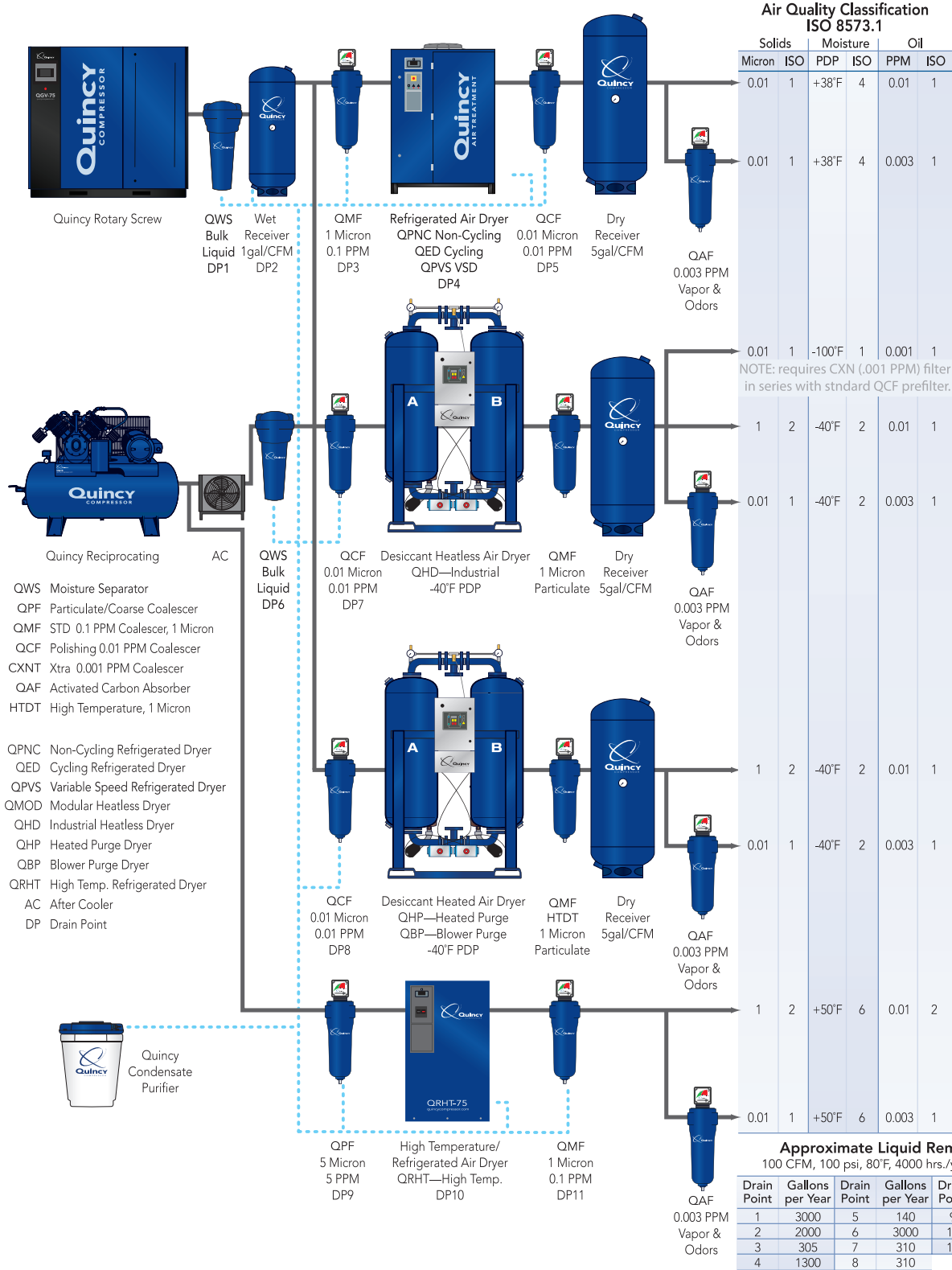
Robust and Simple

The QFD has an IP5X protection degree. A compact, robust aluminum enclosure protects it from dust and moisture, making it suitable to operate in the harshest conditions. Quincy makes sure high protection and optimized cooling go together. Where other brands are rated for 40°C (and derated up to 50°C), the QFD is designed to operate continuously at 50°C ambient conditions and up to 60°C by derating. Maximum uptime and productivity are guaranteed.

The QFD is qualified in lab conditions, but has also passed endurance tests in the field, at sites specifically selected for their harsh conditions.



COMPRESSED AIR SYSTEMS BEST PRACTICE





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