



Performance You Demand. Reliability You Trust.

Quincy QGF



QUINCY QGF SERIES
Rotary Screw Air Compressors
5.5-75kW

0905246783(Mr. Long)

Quincy QGF 5.5-75kW



THE SCIENCE OF COMPRESSED AIR

Quincy QGF – The more competitive technology in the world

- Higher Cost-Benefit Ratio
- Designed for Efficient, Energy-Saving Operation
- Safe & Reliable , Optimum Design Life
- Compact & Quiet

QUINCY'S COMMITMENT TO EFFICIENT & COMPETITIVE INDUSTRY

Since 1920, Quincy Compressor has continuously strived to provide the industry with a competitive advantage. The new range of Quincy QGF compressors is representative of our promise to deliver a product that enhances efficiency and productivity. Advanced research, refined production technology and cutting edge design philosophies have led Quincy Compressor becoming the partner of choice for various industries adding value to their business.

HIGHER BENEFIT-COST RATIO

The QGF has been engineered to provide the higher possible return on your investment. The more effective components were selected, and then carefully matched to ensure each component is operating at its optimum and in harmony with one another. The result is a cost effective and efficient system with low ownership cost and longer design life possible.

The performance you require - without the price tag - is easy when you know how.



QUIET OPERATION

With an integrated one-piece baseplate, installation is simple and convenient. A totally enclosed design using purpose-suited sound absorption material lowers operating sound levels to the lower.



NASA Partner

"...we are very satisfied with the performance and reliability of Quincy air compressors. These units are highly efficient and deliver the clean, dry air essential for Space Shuttle launch support."

- Ronald L. Dorff
Supervisor, Pneumatic System
Lockheed Space Operation Company

Quincy Compressor—compressed air supplier of NASA

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Specially designed fluid/air separator element ensures oil carryover is 1-3 ppm. Enclosed spin-on separator allows quick-change without disconnecting other components.



Heavy duty intake filter with low pressure drop. Effectively reduces air in-flow sound. Particle removal down to 3 μm with 99.9% efficiency. Quiet and trouble-free operation assured.



Quincy high efficiency glass microfiber fluid filter provides absolute airtight protection.



High quality pulley and belt makes this drive train efficient and durable.



QuinSyn complete line of synthetic fluids for effective cooling. QuinSyn fluids have a rated life of up to 8000 hours.



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Quincy QGF - Product Features

- Compact design, small footprint , ease of installation.
- Quiet operation, better working environment.
- Wye-delta starter reduces Peak Demand Charges (QGF 11-75)
- IP 54 TEFC motor, Class F insulation , 380V/50HZ
- Ease of maintenance, minimized downtime to reduce service cost.
- High quality pulley and belt ensure transmission efficiency and durability (QGF 5.5 – 45)
- High quality gear drives for superior power transmission and long design life (QGF 55-75)
- Oversized coolers. High efficiency heat exchangers also ensure reliable operation in ambient temperatures up to 46 .
- Standard intelligent control system ensures compressor operates in mode that suits demand and saves energy. Controllers are easy to network.
- Total system protection for peace of mind. Unmanned monitoring.
- Streamlined acoustical enclosure, ergonomic design. Looks sleek and elegant.



High efficiency cooling system ensures reliable operation in ambient temperatures up to 46 .



Best quality air end, higher efficiency, longer life.

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INTELLIGENT CONTROL

EASY OPERATION

- Industrial intelligent control provides reliable operation under the harshest conditions.
- LCD display, user-friendly interface and easy to operate.

ENERGY SAVING

- In the auto-dual mode, the compressor automatically changes control mode according to the system demand.
- Wye-delta starter reduces current peak penalties.

INTELLIGENT CONTROL

- A standardized system component that is simple to connect to the plant's existing network.
- Protocol upgrade is simple; no special tools or skills required.

POWERFUL CONTROL CAPABILITY

An excellent compressor controller and energy management system. It continuously monitors the QGF's operation and provides the following information:

- Operating temperature & pressure
- Motor current display
- Operating mode
 - > Continuous run
 - > Auto-dual
 - > Network
- Maintenance information
 - > Service time reminders
 - > Total running hours & loaded hours



- Industrial PLC offers a reliable control platform.
- Multiple control modes for greater efficiency and reliability.
- Networking multiple units is simple and system can be easily extended.

QUINSYN® FLUIDS

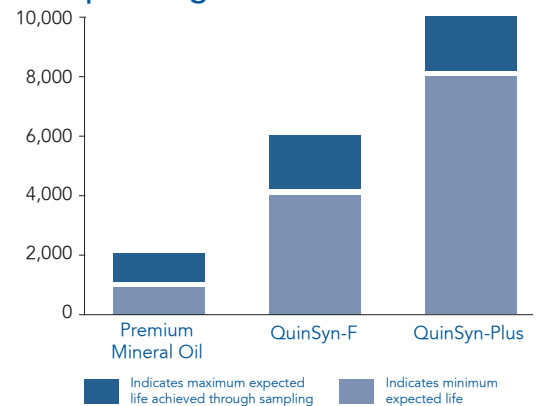
Quincy's complete line of synthetic fluids is blended specifically for Quincy's rotary screw compressors. QuinSyn-Plus is our standard factory fill. It is a blended PAO/Ester fluid that is highly varnish resistant, completely demulsible with water, has excellent natural lubricity and low carry-over rate. Benefits are:

- Varnish-free operation
- High viscosity index
- Excellent corrosion protection
- Water holding capability
- Efficient cooling



All Quin-Syn products are non-toxic and not considered hazardous under OSHA Hazardous Communication Standard 21 CFR1910.1200. They carry no hazardous labels or warnings under that standard.

Expected fluid life under normal operating conditions



ROYAL BLUE WARRANTY

When it comes to reliability, everyone is making the same promise. But when it comes to keeping the promise, Quincy Compressor stands alone. Reliability is about confidence, performance, and trust –every day.

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Quincy QGF 5.5-75kW



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Quincy QGF 5.5-75kW Technical Data

Model	Motor Power (kW)	Capacity (m ³ /min)				Noise dB(A)	Dimension (mm)			Weight (kg)
		7bar	8bar	10bar	13bar		Length	Width	Height	
QGF5.5	5.5	0.93	0.83	0.71	0.57	62±2	1048	650	880	262
QGF7.5	7.5	1.33	1.24	1.11	0.96	62±2	1048	650	880	266
QGF11	11	1.95	1.80	1.59	1.35	63±2	1048	650	880	297
QGF15	15	2.25	2.15	1.95	1.55	63±2	1048	650	880	315
QGF18.5	18.5	3.20	3.00	2.70	2.32	65±2	1195	865	1169	418
QGF22	22	3.80	3.60	3.20	2.77	65±2	1195	865	1169	423
QGF30	30	4.75	4.50	4.25	3.45	65±2	1195	865	1169	470
QGF37	37	6.80	6.28	5.60	4.77	65±2	1332	970	1650	785
QGF45	45	7.80	7.30	6.60	5.48	68±2	1332	970	1650	835
QGF55	55	10.80	10.00	9.00	8.05	68±2	1584	1168	1819	1185
QGF75	75	13.80	13.30	12.10	10.05	72±2	1584	1168	1819	1265

Note: Capacity rated in accordance with ISO 1217 (Annex C)

See how Quincy Compressor can work for you:

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