



QGS/QGSV Compressors



Quincy QGS Series
Screw air compressor | 4-132kW

The Quintessence QGSV Series
Oil cooled permanent magnet variable frequency air compressor | 7.5-132kW



Quality Comes from All the Equipment and Selection

--The uniform Quincy Blue gives you complete peace of mind.

Reliable Performance, Lowest Total Cost of Ownership, Wide Range of Applications

Quincy's QGS & QGSV series of compressors is the latest screw technology for small and medium volume applications. QGS & QGSV offers great value for money with many features and performance to meet the needs of users.

The New Generation of Consoles

The group's new generation of hosts, with years of screw technology, improved design to meet customer performance needs.

Efficient Driving Technology

QGS series 22-132kW uses gear or direct drive, which has higher transmission efficiency. QGSV series uses oil-cooled permanent magnet motor drive and direct drive, which can improve the driving efficiency as much as possible and improve the overall efficiency of the machine.

Easy to Install

Small footprint, low noise, brings great flexibility to the installation site.

Simple Maintenance

Modular design, high assembly standardization, reasonable layout, parts within reach, convenient maintenance time saving.

We Promise You

As a customer, you can trust Quincy to provide a solution that fits your application and minimizes your total operating costs through stable pressure, simple maintenance and long equipment life.

Quincy Has Mature Compressed Air Solutions to Meet Your Applications

Since 1920, the many applications and extreme environments in which Quincy compressors have been used around the world have earned the "Quincy" brand a reputation for quality reliability and superior performance. In particular, it has gained high customer recognition in the North American market.



NASA, Partner

We are very pleased with the excellent performance and high reliability of the Quincy air compressor. These efficient machines provide us with clean, dry compressed air, which is extremely important for the smooth launch of the space shuttle.

-Ronald L. Dowd

Director of aerodynamic systems at Lockheed Martin

Quincy Compressor--NASA compressed air supplier

intelligent control system

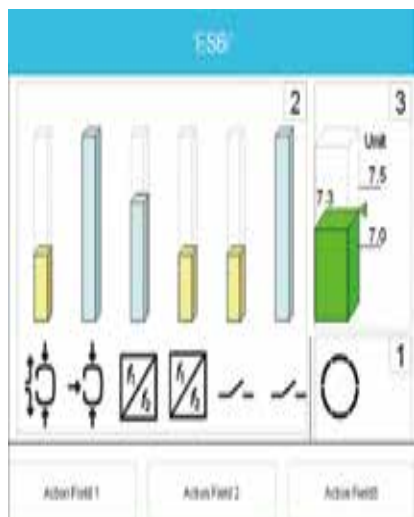
Q-Controller Logic Control System

Quincy 45-132kW unit is equipped with Q-Controller logic control system. It is a reliable and fault-free control platform in both dry or wet, hot or cold environments. Chinese true color touch screen with friendly interface and easy operation.

Offering a variety of control modes to enhance gas supply quality, ensure reliable operation, and improve efficiency. The compressor can be set to local control mode, remote control mode, or network control mode. In local control mode, the compressor is loaded. If the pressure continues to rise to the unloading pressure, the compressor will enter the unloading state. In this state, if there is no load demand within the set time, the compressor will enter standby mode to save energy. It will only restart and return to the loading state when a new load demand arises. In remote control mode, the equipment can be remotely started and stopped. In network mode, multiple QGS/QGSV compressors can operate in a networked configuration. Each compressor automatically adjusts its start and stop based on load conditions, controlling loading and unloading to meet real-time load demands. Each compressor enters or exits the network in sequence according to its own network ID, and exiting the network means it will enter a shutdown state.

Q-Controller logic control system has powerful and comprehensive control functions to provide you with the best compressed air and energy maintenance management 24/7:

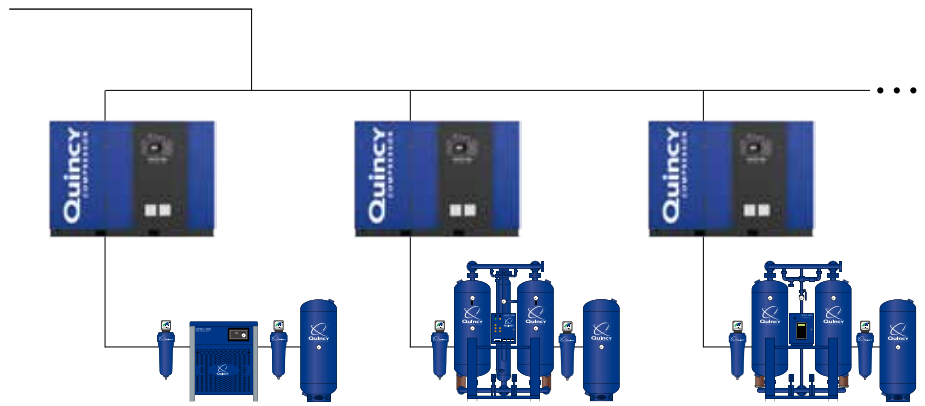
- Double pressure setting
- System time Settings
- Fault alarm display
- Star triangle reduced voltage start
- Operation mode selection setting
- Logic interlinked dryer
- Maintenance time is set and displayed
- Manual loading and unloading function
- Built-in ICONS, Internet of Things module
- Monitor working pressure and temperature
- Record total run time and load time
- Fault alarm record, time and fault content
- Operation and alarm parameter setting and password protection
- Automatic double mode unloading delay shutdown time setting
- Automatic start setting and delay time setting after power interruption recovery



ECO interlocking system (optional)

- The relevant data and operating status of the air compressor can be observed
- According to the gas flow of customers, the air compressor can be automatically opened or closed to save energy effectively
- Balance the time control, the average use time of each compressor, to achieve balanced production

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American brand

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High efficiency and reliability, you can trust

Quincy QGS55-90kW



The new reliable cooling structure and vertical cooler design are not easy to accumulate dust. The heat transfer area between the fan and the cooler is close to 100%, which improves the cooling effect of the unit.



The omnidirectional air filter has small pressure loss and effectively reduces the suction noise. The dust removal efficiency of 3 μ is up to 99.9%, ensuring the stable and fault-free operation of the main engine.



The oil and gas separation filter element is carefully designed to ensure that the oil content of compressed air is controlled at <3PPM.



The high-efficiency IE3 motor is protected by IP 55, which is effective in



The innovative IGB drive chain technology has a high degree of coordination with the host, redu-



New efficient engine and intake valve design, stable operation, lower pressure

waterproof and dustproof. The optimized airflow channel inside the chassis can run stably for a long time even in harsh environment

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ces transmission loss, and is low-noise and efficient

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drop, higher energy efficiency

High efficiency and reliability, you can trust

Quincy QGS 4-132kW

Quincy QGS 4-132KW technical parameters

model	power of motor	Volume flow (m ³ /min)			noise	External dimensions (length x width x height)	weight	air tank
	(kW)	7.5bar	8.5bar	10.5bar	dB(A)	Air-cooled/water-cooled (mm)	Air-cooled/water-cooled (kg)	(L)
QGS4	4	-	0.58	0.51	63	650×650×890	152	-
QGS4TM	4	-	0.58	0.51	63	1547×772×1473	296	270
QGS4TMDD	4	-	0.58	0.51	63	1547×772×1473	316	270
QGS5.5	5.5	-	0.82	0.68	63	650×650×890	166	-
QGS5.5TM	5.5	-	0.82	0.68	63	1547×772×1473	304	270
QGS5.5TMDD	5.5	-	0.82	0.68	63	1547×772×1473	330	270
QGS7.5	7.5	-	1.13	0.90	63	650×650×890	175	-
QGS7.5TM	7.5	-	1.13	0.90	63	1547×772×1473	319	270
QGS7.5TMDD	7.5	-	1.13	0.90	63	1547×772×1473	368	270
QGS11	11	1.79	1.78	1.36	65	850×790×1260	293	-
QGS11TM	11	1.79	1.78	1.36	65	1520×790×1775	380	270
QGS11TMDD	11	1.79	1.78	1.36	65	1537×790×1784	430	270
QGS15	15	2.25	2.24	2	67	850×790×1260	341	-
QGS15TM	15	2.25	2.24	2	67	1520×790×1775	428	270
QGS15TMDD	15	2.25	2.24	2	67	1565×790×1784	541	270
QGS18.5	18.5	3.04	3.01	2.57	68	850×790×1260	364	-
QGS18.5TM	18.5	3.04	3.01	2.57	68	1520×790×1775	451	270
QGS18.5TMDD	18.5	3.04	3.01	2.57	68	1565×790×1784	564	270
QGS22	22	3.65	3.48	2.99	68	1150×850×1000	436	-
QGS30	30	5.36	5.00	4.45	69	1430×950×1200	559	-
QGS37	37	6.20	6.10	5.10	69	1430×950×1200	614	-
QGS45	45	8.4	8.0	7.4	69	1720×980×1600	870	-
QGS55	55	10.5	10.0	8.8	73	1925×1267×2000/1690×1089×1650	1165/1048	-
QGS75	75	13.6	13.0	11.5	75	1925×1267×2000/1790×1089×1650	1355/1212	-
QGS90	90	17.0	16.0	14.3	75	1925×1267×2000/1790×1089×1650	1490/1316	-
QGS110	110	21.2	20.2	17.8	77	2050×1325×2000/2050×1299×2000	1725/1629	-
QGS132	132	25.0	23.7	21.3	77	2050×1325×2000/2050×1299×2000	2015/1907	-

Note: 1. Volume flow test is referred to GB3853 (ISO1217 Appendix C)

2.TM model integrates gas storage tank, TM DD model integrates gas storage tank, refrigerated dryer and two-stage filter

3.QGS11-22 Customizable 13bar model

Features of QGS series products

- QGS4-18.5 uses belt drive, QGS22-132 uses new gear drive
- The motor is stable and efficient, and can operate in harsh environments
- Maintenance is convenient and saves maintenance time
- The super large size of the cooler and efficient heat dissipation system allow the equipment to operate stably at ambient temperatures up to 46°C
- Comprehensive intelligent control system, equipment



operation is more secure, (4-37kW standard MAM
series controller, 45-132kW Q-Controller controller)

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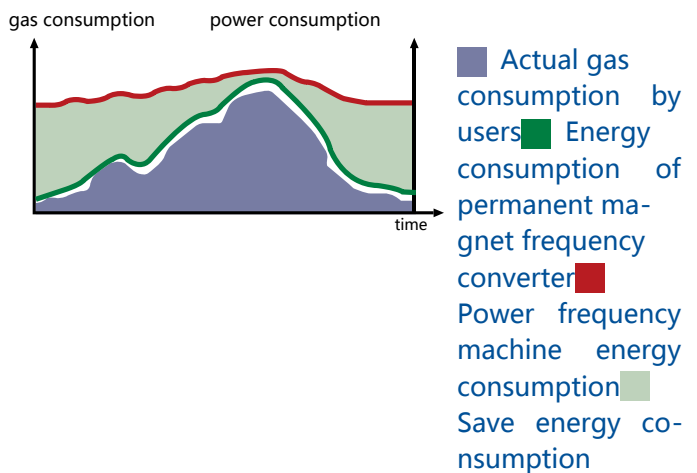
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High efficiency and reliability, you can trust

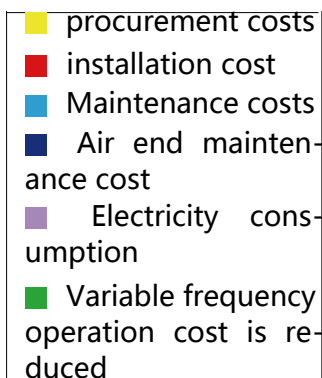
Oil Cooled Permanent Magnet Frequency Conversion, Energy Saving and Environmental Protection

The Qwest QGSV series oil-cooled permanent magnet variable frequency air compressor provides users with lower total investment costs, a newly designed host provides higher efficiency and stability, ensuring lower energy consumption for the compressor to operate.

The high-efficiency oil-cooled permanent magnet synchronous motor is designed to achieve up to 80% capacity adjustment. When paired with a dedicated inverter for air compressors, it precisely controls the airflow changes, meeting the system load requirements in various environments and providing stable pressure and air supply. This significantly reduces the energy consumption of the compressor, achieving an average energy saving of 30% or more, thereby minimizing operating costs.



Constant speed compressor



QGSV oil cooled permanent magnet variable frequency compressor

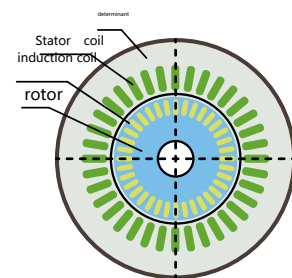
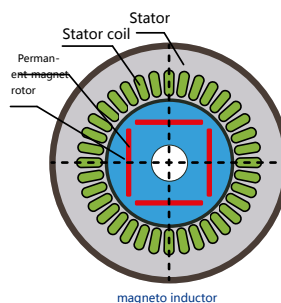


Ten-year investment / operation / maintenance cost analysis of equipment

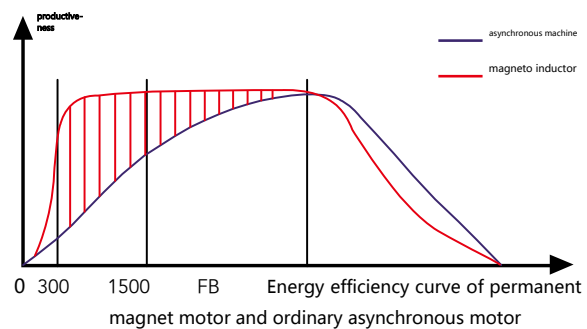
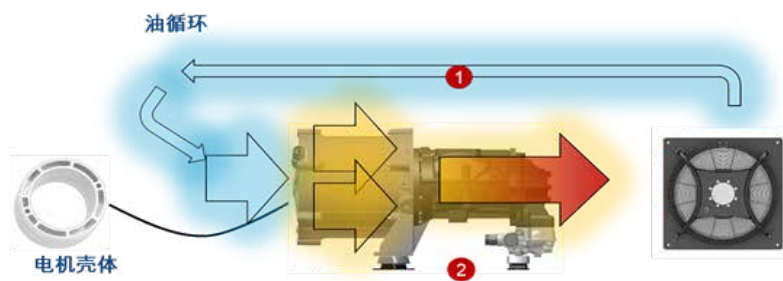
Oil cooled permanent magnet motor, more efficient, quieter and more stable

Ultra-efficient oil-cooled permanent magnet synchronous motor, energy efficiency grade IE4/IE5, more energy saving than other frequency conversion motors; at the same time, the motor is directly connected to the main engine drive, no other transmission parts, no additional transmission loss.

The motor is efficiently cooled by an oil cooling system, ensuring stable cooling under any environmental conditions, with a lower operating temperature. It also eliminates the need for traditional cooling fans, making it quieter and more energy-efficient. The outer shell of the motor features a dedicated cooling channel, through which lubricating oil flows to absorb heat generated during operation. This oil then continues to flow through the main unit, absorbing more heat before being cooled in the cooler, completing the entire cycle.



Ordinary asynchronous motor



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High efficiency and reliability, you can trust

Quincy QGSV 7.5-132kW

Technical parameters of Quincy QGSV 7.5-132kW

model	power of motor	Volume flow (m ³ /min)				noise	External dimensions (length x width x height)	weight
	(kW)	7.0bar	8.5bar	10.5bar	13.0bar	dB(A)	Air-cooled/water-cooled (mm)	Air-cooled/water-cooled (kg)
QGSV 7.5	7.5	0.23 ~ 1.15			-	69	850×750×1000	205
QGSV 11	11	0.36 ~ 1.72			-	69	850×750×1000	205
QGSV 15	15	0.5 ~ 2.1			-	69	850×750×1000	205
QGSV 18.5	18.5	0.7 ~ 3.3			-	70	950×850×1080	280
QGSV 22	22	0.8 ~ 3.7			-	70	950×850×1080	290
QGSV 30	30	1.8 ~ 5.4			-	71	1130×950×1200	362
QGSV 37	37	1.8 ~ 6.5			-	71	1130×950×1200	385
QGSV 45	45	2.0 ~ 8.5			-	74	1723×980×1600	750
QGSV 55	55	2.6 ~ 11.0	2.3 ~ 9.4		-	74	1925×1267×2000/1690×1089×1650	865/779
QGSV 75	75	3.1 ~ 13.0	2.8 ~ 10.9		-	75	1925×1267×2000/1690×1089×1650	880/792
QGSV 90	90	4.0 ~ 17.3	3.6 ~ 14.5		-	75	1925×1267×2000/1790×1089×1650	1090/996
QGSV 110	110	5.2 ~ 20.7	6.1 ~ 17.6		-	77	2050×1325×2000/2050×1299×2000	1490/1394
QGSV 132	132	5.9 ~ 24.6	6.1 ~ 20.8		-	77	2050×1325×2000/2050×1299×2000	1580/1472

Note: 1. Volume flow test is referred to GB3853 (Appendix C of ISO 1217)

Features of QGSV series products

- The new host is customized for permanent magnet models, which is more efficient and energy saving
- QGSV7.5-22 Standard IP54 & IE4 ultra-efficient oil-cooled permanent magnet motor, excellent energy efficiency
- QGSV30-132 is equipped with IP66 & IE4/IE5 ultra-efficient oil-cooled permanent magnet motor, which has excellent energy efficiency and higher protection level
- Integrated direct drive with no additional transmission loss
- The newly designed oil cooling system is not affected by ambient temperature and has excellent cooling effect
- Closed-loop frequency conversion control system, fast response to pressure changes, to achieve constant pressure control
- MAM series touch screen controller (QGSV7.5-37)
Q-Controller Touch screen controller (QGSV45-132)



Reliability Assurance

When it comes to reliability, every brand promises the same, and when it comes to keeping that promise, Quincy Compressor is unique in its reliability guarantee, which stems from confidence



in product performance and a passionate, credible service every day.

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High efficiency reliability, you can trust



