



High efficiency

Energy saving

Reliability

Environmental protection

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The models, parameters and appearance of any products contained in this manual are subject to changes without prior notice. In case of any questions, please call the official number.

CORE TECHNOLOGY SOLUTION PROVIDER OF COMPRESSED AIR SYSTEM SOLUTION

SHANGHAI KINGAIR INDUSTRIAL CO., LTD.



Industry Prospect

Green and Low Carbon

The inevitable choice of the development of the times

With the acceleration of globalization, green economy and environmental protection industry have become an important path of sustainable development, and it is the inevitable choice of the times to work together to promote the transformation of economic development to green and low carbon. Under this background, the resource-saving and environment-friendly industry has developed into the foreword of the times. Compressed air system industry has a trillion-class blue ocean market because of its exclusive energy-saving and environmental protection properties.

Internet of Things+

Improve the efficiency of air pressure industry

The digitization, networking and informationization of air compressors are the direction of the development of the industry. Internet + Internet of things model helps enterprises to control big data, reduce operating costs and improve operational efficiency, so as to achieve efficient management and control of enterprise production and operation throughout the life cycle.

Conserve Energy Reduce Emissions

Mainstream development trend of the industry

With the transformation of national economic development and the vigorous promotion of energy conservation and emission reduction policies, energy conservation and environmental protection have penetrated into various industries, and the downstream customers of air compressors have higher and higher requirements for energy efficiency. High-end energy-saving air compressor has significant advantages in energy consumption and efficiency, which has become the mainstream development trend of the industry. In addition, energy saving and emission reduction is conducive to breaking down foreign trade barriers, so the export of China's air compressor products is in a period of rapid rise.

Content

01 Company Profile

03 Industry Pain Points

04 Core Technology

05 Brand Advantages

Product Introduction

- 07 Integrated Air Compressor For Laser Cutting
- 09 KAPM Series Single-stage Permanent Magnet Variable Frequency Screw Air Compressor
- 11 KAT Series Double-stage Permanent Magnet Variable Frequency Screw Air Compressor
- 17 KAL Series Low Pressure Single Stage Permanent Magnet Variable Frequency Screw Air Compressor
- 19 KATL Series Low Pressure Double Stage Permanent Magnet Variable frequency Screw Air Compressor
- 21 Dry Oil-Free Screw Air Compressor
- 25 KAWLV-G Series Low-Pressure Dry Oil-Free Screw Air Compressor
- 29 Oil Free Water Lubricated Screw Air Compressor
- 33 KAWC Series Oil Free Scroll Air Compressor
- 37 KAW-WH Series Smart Water-Injected Variable Frequency Medium Pressure Oil-Free Air Compressors
- 39 KAW-A/WL Series Smart Water-Injected Low Pressure Oil-Free Air Compressors
- 41 KAWV-2 Series Smart Water-Injected PM Motor Variable Frequency Two-Stage Compression Oil-Free Air Compressors
- 43 Oil-Free Screw Blower
- 46 Magnetic Levitation Centrifugal Blower
- 47 Magnetic Levitation Centrifugal Air Compressor
- 49 Screw Vacuum Pump
- 51 Power Frequency Screw Air Compressor
- 53 Intelligent Refrigerated Compressed Air Dryer
- 55 Adsorption Type Dryer
- 59 Internet of Things
- 60 Air Compressor Station



Company Profile

Shanghai Kingair Industrial Co., Ltd., is the core technology solution provider for compressed air system solutions, with mature operation experience and excellent brand reputation in the three major areas : product system, core technology and solutions.

The company has strong comprehensive strength, the factory is located in Jiading, Shanghai, covers an area of 30000 square meters, has a strong equipment production capacity. In the course of 20 years of operation and development, we have always adhered to the enterprise spirit of "professionalism, innovation, energy saving and service", deeply implemented the strategic policy of environmental protection and low carbon, and realized the construction of high intelligent and efficient air pressure system industry chain.

In the field of compressed air system solutions, we strengthen technology research and development, expand the strength of enterprises, and ingeniously develop a series of energy-saving products such as high-pressure oil-free and micro-oil screw air compressors, centrifugal air compressors and screw vacuum pumps. In addition, we are committed to providing compressed air system solutions.

We have excellent technical strength and have been innovating continuously for many years under the guidance of the "environmental protection strategy". Relying on the regional advantages of Shanghai, China, we effectively open up the international Internet + Internet of things service chain, continue to open up foreign markets, and provide customers with OEM and personalized customized services. Each type of air compressor produced by us has novel style, advanced performance and quality assurance.

With the core technical force, perfect international brand supporting services, stringent quality management system, excellent after-sales service guarantee, our products have passed the European CE, ISO and other certification, and sold well in more than 50 countries and regions, such as Asia, Europe and the United States.

We pursue development with steadiness, growth with innovation, and future with excellent quality. We rely on the headquarters for construction. In the future, the company will adhere to the original idea, uphold the ingenuity, continue to persevere, to "create quality products, serve global customers" concept to provide international customers with high-quality air pressure products and high-efficiency air pressure system services!

Enterprise Culture



Mission

Craftsmen build energy-saving and environment-friendly air compressors to make the earth more beautiful.



Vision

A compressed air system solution provider recognized by the industry, favored by customers and sustainable development.



Service tenet

Think about every problem from the customer's point of view.



Values

Professional Innovative
Energy-saving Service

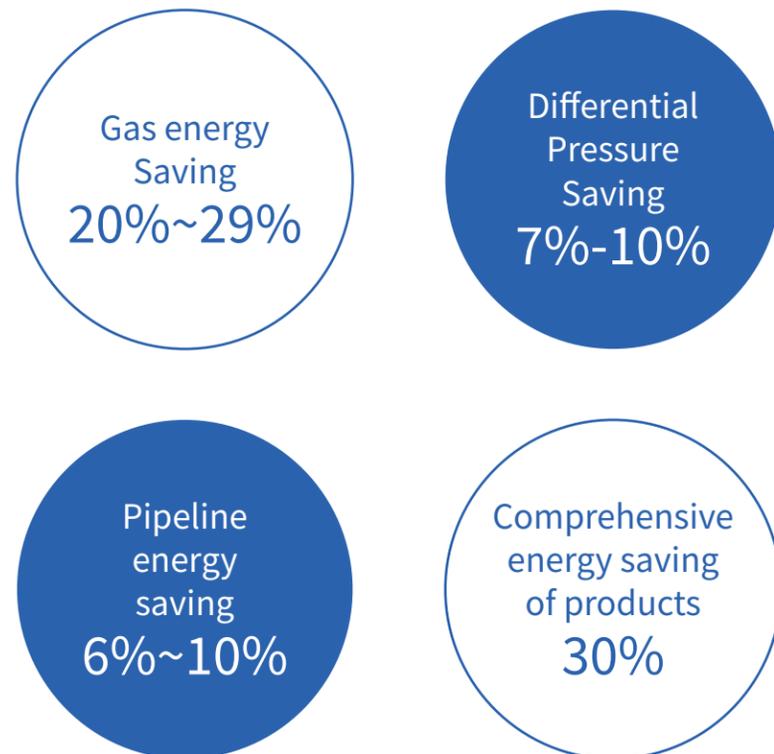
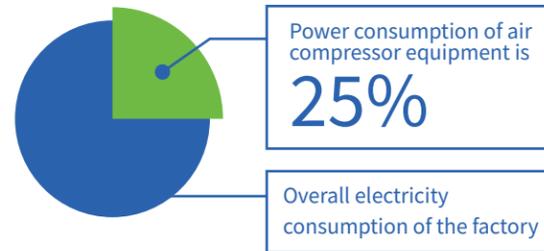
Industry Pain Points

If you're still worried about the high electricity bill
 If you are still thinking about how to increase revenue and reduce expenditure
 If you're struggling with which air compressor to choose

Air compressor energy saving expert
KINGAIR will be your best choice!

Energy saving | More than one area

Generally, air compressor equipment accounts for 25% of the total electricity of the enterprise. Therefore, the selection of energy-saving air compressor will help to reduce operating costs and improve economic benefits from the source.

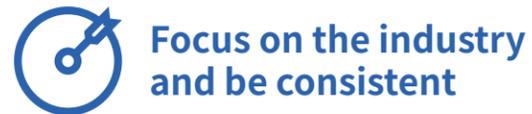


Core Technology

INNOVATE 12 MAJOR CORE TECHNOLOGIES

- 
Longer life span
 Imported airend, large rotor, low speed, long life;
- 
Intelligent monitoring and control
 Super intelligent monitoring technology of the Internet of things, mobile phones and computers can be controlled remotely;
- 
No transmission loss
 Coaxial integrated, split design, motor without bearing, no maintenance, no transmission loss;
- 
True color display
 True color display, touch at least 1 million times, support 32 language settings;
- 
Lifetime maintenance
 IP55 servo permanent magnet motor, EU IE4 standard, machine warranty 2 years, life-long maintenance;
- 
Electric quantity display
 There is no need to install the meter and the monitor to display the electricity immediately;
- 
Better performance
 Vector permanent magnet synchronization integrated double frequency conversion constant voltage and constant temperature technology, better performance;
- 
Energy saving and high efficiency
 Low noise, low energy consumption, low maintenance, average energy saving more than 35%;
- 
Efficient and mute
 Centrifugal frequency conversion fan control system, good mute effect, more efficient use;
- 
Convenient management
 Beautiful and generous, removable filter, unique door buckle, easier management.
- 
Low labor cost
 Intelligent frequency conversion touch screen control technology is leading in the industry to reduce labor costs;
- 
Tailor-made
 Various types of products can be customized according to the actual needs of customers;

Brand Advantages



Focus on the industry and be consistent

KINGAIR focuses on the production, learning and research of air compressors and has become a high-quality service provider of compressed air system solutions, with customers in more than 50 countries and regions around the world.



Advanced technology and excellent quality

KINGAIR compressor uses outstanding technology in the industry and is designed and manufactured in strict accordance with ISO9001 standards, with strong energy-saving properties, better quality, more reliable quality and long service life.



Save energy consumption, reduce cost and increase efficiency

Intelligent control system and automatic load / unload adjustment system ensure that the air compressor can be turned on according to demand, run according to quantity, put an end to waste, and achieve remarkable results in energy saving and cost reduction.



Compact structure installation at will

The product has the advantages of compact structure, small size and low noise, and can be installed in any area of the factory area.



Easy to install and fast to run

The product is filled with compressor oil before leaving the factory, installed in place and connected to the power supply, and can be put into operation; the LCD screen has its own backlight to clearly show the running status of the machine.

Service Advantages

Strong team of experts

If any use problems or after-sales problems is encountered with your KINGAIR, communicate with us through online communication, phone calls, interview with nearby special dealers, etc., please.

For customers with special needs, we can send a team of experts to the site all the year round to open a full set of follow-up services such as 24-hour inspection, maintenance, maintenance and repair.



Full service support

- A complete set of consultation on the construction of a new base station.
- Training in commissioning, operation and maintenance of specialist equipment.
- Free maintenance during the warranty period, guarantee of spare parts supply.
- Regular visit service.
- Host lifetime service.
- Efficient troubleshooting.
- Data collection, analysis and gas source management.
- Customize the exclusive service solution to reduce the use cost.

One-stop service after sale

- Guarantee of 1-year machine and 2-year mainframe warranty.
- Monthly regular free training.
- 24-hour troubleshooting.
- Branch spare parts library, nearby after-sales service and accessories win-win.



Service attitude

Patently listen to customer demands, carefully diagnose various faults, deal with customer problems attentively, and wholeheartedly meet customer needs.



Integrated Air Compressor For Laser Cutting

Product Introduction

✔ Integrated

Vertebral shaft mainframe, easy to disassemble, without self-equipped gas storage tank, cold dryer, filter, etc., no need to take over, one machine one station integration.

✔ Pressure stability

Permanent magnet frequency conversion screw air compressor system ensures consistent pressure.

✔ Efficient work

The use of high-efficiency plate freeze dryer and four-stage high-efficiency precision filter, the pressure dew point is as low as 2-8 °C to ensure that pure compressed air is obtained.

✔ Avoid pollution

The stainless steel pipeline is treated after treatment to avoid secondary pollution.

✔ Reduce vibration and noise

Special paint bucket and oil core, the main oil pipe is connected by flexible pipeline, the running noise is less than 70dB, the effect of vibration and noise reduction is remarkable; permanent magnet frequency conversion controls oil temperature, no need to deal with emulsified drainage, to ensure the cleanliness of the site.

Model	Power (KW)	Pressure (MPa)	Volume flow (m ³ /min)	Pipe Diameter	Weight (kg)	Dimension (mm)
KAPM-10A-16	7.5	1.55	0.6	G1/2	180/355	800×650×860/ 1500×670×1430(combined type)
KAPM-15A-16	11	1.6	0.9	G3/4	300/570	1000×750×1000/ 1800×750×1770(combined type)
KAPM-20A-16/20	15	1.6	1.2	G3/4	320/590	1000×750×1000/ 1800×750×1770(combined type)
		2.0	1.0			
KAPM-30A-16/20	22	1.6	2.0	G1	420/690	1070×850×1140/ 1800×850×1930(combined type)
		2.0	1.7			
KAPM-40A-16/20	30	1.6	2.5	G1	450/720	1070×850×1140/ 1800×850×1930(combined type)
		2.0	2.2			
KAPM-50A-16/20	37	1.6	3.4	G1 1/2	600/930	1200×1000×1390/ 1990×980×1970(Combined type)
		2.0	3.2			
KAPM-60A-16/20	45	1.6	4.0	G1 1/2	650	1500×1000×1350
		2.0	3.5			
KAPM-75A-16/20	55	1.6	5.9	G2 1/2	900	1700×1210×1550
		2.0	4.2			
KAPM-100A-16/20	75	1.6	8.1	G2 1/2	1050	1700×1210×1550
		2.0	6.5			
KAPM-125A-16/20	90	1.6	9.5	G2 1/2	1200	1700×1210×1550
		2.0	8.5			
KAPM-150A-16/20	110	1.6	12.5	DN80	2500	2600×1900×1890
		2.0	9.8			
KAT-50PMD-16	37	1.6	3.6	G1 1/2	700	1400×1100×1450
KAT-60PMD-16	45	1.6	5.3	G2 1/2	1100	2100×1440×1650
KAT-75PMD-16	55	1.6	6.5	G2 1/2	1250	2100×1440×1650
KAT-100PMD-16	75	1.6	9.0	G2 1/2	1300	2100×1440×1650
KAT-125PMD-16	90	1.6	11.2	DN80	2600	2600×1900×1890
KAT-150PMD-16	110	1.6	15.0	DN80	2700	2600×1900×1890
KAT-180PMD-16	132	1.6	18.5	DN100	3900	3250×2100×2200
KAT-220PMD-16	160	1.6	21.0	DN100	4000	3250×2100×2200

* The company continues to improve its products and retains the right to change its design. Parameters are subject to change without prior notice.



KAPM Series Single-stage Permanent Magnet Variable Frequency Screw Air Compressor

Product Introduction

✔ Integrated shaft structure

High-efficiency permanent magnet motor and screw positive rotor adopt built-in integrated shaft direct connection structure, transmission efficiency 100%, no gearbox, no belt, no transmission efficiency loss.

✔ Top quality

The use of top-quality imported bearings and the latest research and development of rotor profile, large rotor, large displacement, low speed, low noise.

✔ Cost Reducing

The energy cost of permanent magnet frequency conversion technology is reduced by more than 35%, and the life cycle cost of compressors can be reduced by an average of 22%. The extra cost of the compressor can be recovered within 1 to 2 years.

✔ High efficiency and energy saving

Frequency conversion regulation can reduce the actual power consumption of frequency conversion compressor in the same proportion, and the energy can be effectively applied to air compression.

✔ Steady pressure

PID (proportional, differential, integral) method is used to accurately adjust the exclusive compressor to maintain the stability of the system pressure.

✔ Life extension

Frequency conversion starts to reduce the impact of meta-collection on the power grid and machinery, and prolong the service life.



KAPM Series	Power (KW)	Pressure (MPa)	Volume flow (m³/min)	Pipe Diameter	Weight (kg)	Dimension (mm)
KAPM-10A	7.5	0.8	1.1	G1/2	180	700×600×860
		1.0	0.9			
		1.3	0.7			
KAPM-15A	11	0.8	1.7	G3/4	300	1000×750×1070
		1.0	1.6			
		1.3	1.0			
KAPM-20A	15	0.8	2.3	G3/4	320	1000×750×1070
		1.0	2.1			
		1.3	1.7			
KAPM-30A	22	0.8	3.4	G1	420	1100×850×1110
		1.0	3.2			
		1.3	2.5			
KAPM-40A	30	0.8	4.7	G1	450	1100×850×1110
		1.0	4.0			
		1.3	3.1			
KAPM-50A	37	0.8	6.4	G1 1/2	600	1200×1000×1350
		1.0	5.2			
		1.3	4.7			
KAPM-60A	45	0.8	7.3	G1 1/2	700	1200×1000×1350
		1.0	6.6			
		1.3	5.5			
KAPM-75A(W)	55	0.8	9.4	G2 1/2(A) DN50(W)	850(A) 1300(W)	1500×1200×1550(A) 2100×1400×1650(W)
		1.0	7.2			
		1.3	6.2			
KAPM-100A(W)	75	0.8	12.3	G2 1/2(A) DN50(W)	950(A) 1500(W)	1500×1200×1550(A) 2100×1400×1650(W)
		1.0	10.8			
		1.3	9.1			
KAPM-125A(W)	90	0.8	15.2	G2 1/2(A) DN50(W)	1650	2100×1400×1650
		1.0	12.3			
		1.3	11.4			
KAPM-150A(W)	110	0.8	19.9	DN65(A) DN80(W)	2300(A) 2700(W)	2250×1510×1850(A) 2550×1680×1850(W)
		1.0	16.3			
		1.3	14.5			
KAPM-180A(W)	132	0.8	23.0	DN65(A) DN80(W)	2500(A) 2800(W)	2250×1510×1850(A) 2550×1680×1850(W)
		1.0	19.7			
		1.3	16.0			
KAPM-220A(W)	160	0.8	28.5	DN100	4000(A) 3200(W)	3250×2100×2200(A) 3000×2000×2000(W)
		1.0	22.8			
		1.3	21.5			
KAPM-250A(W)	185	0.8	30.0	DN100	4200(A) 3600(W)	3250×2100×2200(A) 3000×2000×2000(W)
		1.0	27.0			
		1.3	23.0			
KAPM-270A(W)	200	0.8	32.5	DN125	5300(A) 5000(W)	3550×2300×2300(A) 3600×2200×2200(W)
		1.0	29.2			
		1.3	25.5			
KAPM-300A(W)	220	0.8	38.0	DN125	5800(A) 5500(W)	3550×2300×2300(A) 3600×2200×2200(W)
		1.0	33.0			
		1.3	28.8			
KAPM-350A(W)	250	0.8	44.0	DN125	6300(A) 6000(W)	3760×2260×2200(A) 3600×2200×2200(W)
		1.0	41.0			
		1.3	31.5			
KAPM-380A(W)	280	0.8	49.5	DN125	7000(A) 6500(W)	3760×2260×2200(A) 3600×2200×2200(W)
		1.0	43.0			
		1.3	40.0			

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KAT Series Double-stage Permanent Magnet Variable Frequency Screw Air Compressor

≥30%

Energy saving

About 30% more energy saving than ordinary air compressor.

Professional customization of energy-saving air compressors for the industry.



Product Introduction

✔ Efficient mainframe

The rotor adopts a new type of energy-saving and efficient route, with two-stage independent compression, isobaric ratio and low speed design, and the energy saving of ordinary air compressor is about 30%.

✔ Permanent magnet motor

The motor adopts permanent magnet synchronous motor with high efficiency, moderate air volume and wider speed regulation range.

✔ Lubrication system

It has an independent air end gear lubrication system to ensure the long-term and reliable operation of the machine.

✔ Remote system

Large screen display, and equipped with remote IOT system to check the running status of the device at any time.

✔ Constant temperature and pressure

Intelligent controller, combined with domestic first-line brand frequency converter, pressure customized two-stage host, the efficiency is 5-8% higher than the ordinary two-stage host.

✔ Mute design

The use of centrifugal fan horse big, the use of more quiet.



Product Details

New generation of highly efficient imported host machine

1. Advanced & Energy saved spiral tooth-type technology.
2. New-type 5:6 asymmetrical rotator tooth type.
3. Drawing uses leitz high-precision CMM measuring machine.
4. Adopt top-level quality SKF taper-roller bearing imported with original packaging from Sweden.
5. Relative power increases by more than 5%-10% in gas discharge when compared with that of ordinary machine model.



Highly efficient permanent magnetic motor

1. Reasonable structure and high power density.
2. Very small rotator inertia and very fast response speed.
3. Ultrahigh intrinsic coercive rare earth permanent magnetic material with strong anti demagnetizing capacity.
4. Possible constant torque output within scope of locked rotator and rated rotating speed.
5. Special asymmetrical magnetic circuit design, making low-rotating-speed torque ripple small.
6. High balancing precision, stable and high-speed operation, low noise and small vibration.
7. Full-sealed or high protection-grade appearance structural design.



SKF-bearing

Compared with other brand bearings, SKF bearing has good wear resistance, excellent fatigue resistance, strong corrosion resistance and comfortable silence, which makes the permanent magnet synchronous induction less motor has longer life, higher reliability and lower noise.



Silent type Centrifugal fan motor

Unique centrifugal fan design, stable operation, less vibration, lower noise and longer service life than ordinary fan.



Intelligent microcomputer control system

1. Chinese (English) display, light touch type button with intuitive, rapid and convenient menu operations.
2. It can preset and control delay time of triple star change, starting, loading, stopping and overpressure.
3. It can display and handle all kinds of field faults.
4. It can store and inquire types and occurrence time of historic faults.
5. It is set with internal calendar with accurate travel time for a long term and it can be modified.
6. It can make accumulative total and long-term storage of operating time, loading time, off-loading time and using time of filters.

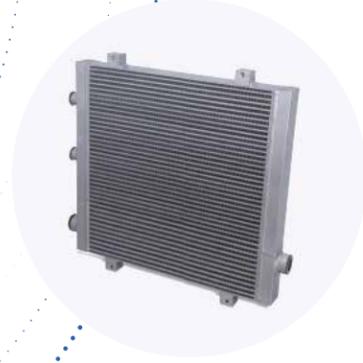
Energy-saving air inlet control system

New-type integrated inlet valve of professional design with air inlet adjustment large range being. It has valve regulation with small pressure loss, stable movement and long service life. Key part of inlet valve-magnetic valve uses internationally famous brand, which guarantees absolute operating safety and economical control of screw compressor.



Highly efficient cooling system

It adopts highly efficient fin-type cooler with large heat exchange area, surplus of heat exchange being 30% and more optimal cooling effect, and it can normally operate under environmental temperature 45°C.



Highly efficient professional filtering system

Highly efficient oil-gas separator with special simplified design, aggregated separator core and oil return device, its service life is 6,000h. Oil filter is of low-pressure design with service life reaching as long as 4,000h, and high filtering precision protects bearing and screw rotator.

Air filter doesn't need to change air flow direction when doing filtering, instead, it directly runs through filtering medium, this reducing pressure loss, it is more energy-saving than traditional air filter with large filtering area, higher compactness and longer service life.



KAT Series	Power (KW)	Pressure (MPa)	Volume flow (m ³ /min)	Pipe Diameter	Weight (kg)	Dimension (mm)
KAT-30PMD	22	0.6	4.5	G1	560	1300×980×1220
		0.7	4.3			
		0.8	4.1			
		1.0	3.5			
		1.3	2.7			
KAT-40PMD	30	0.6	6.8	G1 1/2	800	1400×1100×1450
		0.7	6.4			
		0.8	5.9			
		1.0	4.7			
		1.3	3.9			
KAT-50PMD	37	0.6	7.5	G1 1/2	850	1400×1100×1450
		0.7	7.1			
		0.8	6.9			
		1.0	6.3			
		1.3	5.4			
KAT-60PMD	45	0.6	10.7	G2 1/2	1500	2100×1440×1650
		0.7	10.0			
		0.8	9.5			
		1.0	7.8			
		1.3	6.8			
KAT-75PMD	55	0.6	13.8	G2 1/2	1700	2100×1440×1650
		0.7	13.0			
		0.8	12.5			
		1.0	9.5			
		1.3	8.0			
KAT-100PMD	75	0.6	18.0	G2 1/2	1800	2100×1440×1650
		0.7	15.5			
		0.8	15.2			
		1.0	13.0			
		1.3	11.0			
KAT-125PMD	90	0.6	22.0	DN65(A) DN80(W)	2400(A) 2700(W)	2450×1700×1760(A) 2550×1680×1850(W)
		0.7	20.5			
		0.8	19.5			
		1.0	16.5			
		1.3	14.0			
KAT-150PMD	110	0.6	25.8	DN80	2800	2600×1900×1890(A) 2550×1680×1850(W)
		0.7	24.0			
		0.8	23.0			
		1.0	20.0			
		1.3	16.5			
KAT-180PMD	132	0.6	32.0	DN100(A) DN80(W)	4000(A) 2800(W)	3250×2100×2200(A) 2550×1680×1850(W)
		0.7	28.0			
		0.8	27.0			
		1.0	23.7			
		1.3	19.0			
KAT-220PMD	160	0.6	38.5	DN100	4300(A) 3450(W)	3250×2100×2200(A) 3000×2000×2000(W)
		0.7	35.3			
		0.8	33.5			
		1.0	30.6			
		1.3	26.0			

KAT Series	Power (KW)	Pressure (MPa)	Volume flow (m ³ /min)	Pipe Diameter	Weight (kg)	Dimension (mm)
KAT-250PMD	185	0.6	43.8	DN125(A) DN100(W)	5500(A) 4000(W)	3550×2300×2300(A) 3000×2000×2000(W)
		0.7	41.0			
		0.8	38.0			
		1.0	34.5			
		1.3	29.0			
KAT-270PMD	200	0.6	48.8	DN125(A) DN100(W)	5800(A) 4500(W)	3550×2300×2300(A) 3000×2000×2000(W)
		0.7	46.0			
		0.8	44.0			
		1.0	38.0			
		1.3	31.5			
KAT-300PMD	220	0.6	53.0	DN125	6300(A) 6000(W)	3550×2300×2300(A) 3600×2200×2200(W)
		0.7	50.0			
		0.8	46.0			
		1.0	41.0			
		1.3	35.0			
KAT-350PMD	250	0.6	58.0	DN125	7000(A) 6500(W)	3760×2260×2200(A) 3600×2200×2200(W)
		0.7	55.5			
		0.8	53.0			
		1.0	45.8			
		1.3	40.5			
KAT-380PMD	280	0.6	63.5	DN125	7500(A) 7000(W)	3760×2260×2200(A) 3600×2200×2200(W)
		0.7	61.0			
		0.8	59.0			
		1.0	52.0			
		1.3	43.0			
KAT-420PMD	315	0.6	81.0	DN125	8500(A) 7500(W)	4300×2300×2430(A) 4000×2300×2300(W)
		0.7	74.0			
		0.8	67.0			
		1.0	59.0			
		1.3	52.0			
KAT-480PMD	355	0.6	85.0	DN125	9500(A) 8000(W)	4700×2250×2420(A) 4000×2300×2300(W)
		0.7	81.0			
		0.8	78.0			
		1.0	64.0			
		1.3	56.0			
KAT-540PMD	400	0.6	92.5	DN125(A) DN150(W)	10000(A) 9000(W)	4700×2250×2420(A) 4200×2300×2300(W)
		0.7	89.0			
		0.8	84.5			
		1.0	77.0			
		1.3	64.0			
KAT-600PMD	450	0.6	106.0	DN150	10000	4200×2300×2300
		0.7	101.0			
		0.8	96.0			
		1.0	85.0			
		1.3	79.0			

* The company continues to improve its products and retains the right to change its design. Parameters are subject to change without prior notice.



KAL Series Low Pressure Single Stage Permanent Magnet Variable Frequency Screw Air Compressor

Product Introduction

✔ Efficient mainframe

Large displacement mainframe combined with permanent magnet motor can really achieve small motor, large rotor, large displacement, high efficiency and low energy consumption.

✔ Independent oil pump

The independent oil pump is forced to lubricate and optimize the oil-electric mixing ratio to ensure sufficient fuel injection at very low exhaust pressure.

✔ Oil and gas separation

Increase the customized oil and gas separation system, reduce the internal pressure of the air compressor, ensure the effect of oil and gas separation, the oil content of the air is less than 2ppm.

✔ Clean gas source

The air source of the low pressure screw air compressor is clean, the times of cleaning the nozzles of the texturing machine are reduced, and the quality of the finished product is improved.

✔ Intelligent control

Intelligent control system, which can adjust the exhaust capacity according to the customer's use.

✔ Internet of things

With the optional Internet of things module, the operation status can be grasped anytime and anywhere through the mobile terminal.

KAL Series	Power (KW)	Pressure (MPa)	Volume flow (m ³ /min)	Pipe Diameter	Weight (kg)	Dimension (mm)
KAL-20PMD	15	0.3	3.6	G1	420	1350×850×1110
		0.4	3.3			
KAL-30PMD	22	0.2	7.6	G2 1/2	800	1500×1200×1550
		0.3	6.5	G1 1/2	600	1500×1000×1350
		0.4	5.5		G1	450
		0.5	4.4			
KAL-40PMD	30	0.2	10.5	DN80	1400	2000×1450×1700
		0.3	8.8	G2 1/2	900	1500×1200×1550
		0.4	7.0	G1 1/2	650	1500×1000×1350
		0.5	6.1		600	
KAL-50PMD	37	0.2	14.0	DN80	1500	2000×1450×1700
		0.3	10.5		G2 1/2	1500
		0.4	9.0	1250		1700×1210×1550
		0.5	8.0			
KAL-60PMD	45	0.2	17.0	DN100	2500	2500×1650×1900
		0.3	13.5	DN80	1500	2000×1450×1700
		0.4	11.0	G2 1/2	1550	2100×1440×1650
		0.5	9.5		1250	1700×1210×1550
KAL-75PMD	55	0.2	20.5	DN125	2900	2400×1750×2000
		0.3	17.0	DN80	2300	
		0.4	14.2	G2 1/2	1650	2100×1440×1650
		0.5	12.3			
KAL-100PMD	75	0.2	27.0	DN125	3200	2950×1840×2230
		0.3	24.0	DN125	2900	2400×1750×2000
		0.4	20.5	DN80	2300	2100×1440×1650
		0.5	16.5	G2 1/2	1550	
KAL-125PMD	90	0.2	34.0	DN125	3300	2950×1840×2230
		0.3	29.0		3100	
		0.4	24.0	DN80	3000	2600×1900×1890
		0.5	20.0		2950	
KAL-150PMD	110	0.3	35.0	DN125	3500	2950×1840×2230
		0.4	29.6	DN100	4200	3250×2100×2200
		0.5	24.0	DN80	3200	2600×1900×1890
KAL-180PMD	132	0.3	42.0	DN150	5000	4000×2200×2270
		0.4	33.0	DN100	4500	3250×2100×2200
		0.5	29.0		3700	
KAL-220PMD	160	0.3	50.0	DN150	6200	4000×2200×2270
		0.4	45.0	DN100	4300	3250×2100×2200
		0.5	37.0		4000	

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KATL Series

Low Pressure Double Stage Permanent Magnet Variable frequency Screw Air Compressor

Product Features

- ✓ Large rotor and low speed are adopted to ensure high performance of the machine.
- ✓ Increase oil and gas separation equipment to ensure export oil content ≤ 2 ppm.
- ✓ The air source of the low pressure screw air compressor is clean, which reduces the times of cleaning the nozzles of the texturing machine and improves the quality of the finished product.
- ✓ The heat dissipation area of the oil cooler is increased by more than 30% to ensure normal operation in summer without overheating.
- ✓ Design the internal pressure ratio of the main engine independently and optimize the input specific power.
- ✓ Intelligent control system, automatically adjust exhaust according to customer usage (frequency conversion model).
- ✓ Optional IoT module, grasp the operation status of the air compressor through mobile terminals anytime, anywhere.

Efficient mainframe

High efficiency, large displacement mainframe and permanent magnet motor are selected to achieve small motor and large displacement;

Large rotor, low speed, high efficiency, low noise, low vibration, low energy consumption.

Forced Lubrication Design of Independent Oil pump

With an independent oil pump for forced lubrication;

Ensure sufficient fuel injection even at extremely low exhaust pressure (2kg) to optimize the oil-gas mixing ratio.

Increase customized oil and gas separation system

Increase the customized oil and gas separation system to ensure the effect of oil and gas separation, the oil content in air is less than 2ppm.

Small internal pressure loss of air compressor

KATL Series	Power (KW)	Pressure (MPa)	Volume flow (m ³ /min)	Pipe Diameter	Weight (kg)	Dimension (mm)
KATL-15PMD	11	0.4	3.2	G1	500	1300×980×1220
		0.5	2.8			
KATL-20PMD	15	0.4	4.2	G1	550	1300×980×1220
		0.5	3.6			
KATL-30PMD	22	0.4	5.8	G1 1/2	800	1400×1100×1450
		0.5	5.4			
KATL-40PMD	30	0.4	7.8	G1 1/2	850	1400×1100×1450
		0.5	7.1			
KATL-50PMD	37	0.4	10.3	G2 1/2	1600	2100×1440×1650
		0.5	9.5			
KATL-60PMD	45	0.4	12.2	G2 1/2	1650	2100×1440×1650
		0.5	11.5			
KATL-75PMD	55	0.4	15.5	G2 1/2	1700	2100×1440×1650
		0.5	14.5			
KATL-100PMD	75	0.4	20.5	DN65	2400	2450×1700×1765
		0.5	19.5			
KATL-125PMD	90	0.4	24.5	DN80	2800	2600×1900×1890
		0.5	23.0			
KATL-150PMD	110	0.4	28.0	DN80	2900	2600×1900×1890
		0.5	27.5			
KATL-180PMD	132	0.4	36.0	DN100	3100	3216×1963×1950
		0.5	34.0			
KATL-220PMD	160	0.4	46.0	DN100	4400	3216×1963×1950
		0.5	42.0			
KATL-250PMD	185	0.4	52.0	DN125	5500	3550×2300×2300
		0.5	45.0			
KATL-270PMD	200	0.4	57.0	DN125	6000	3550×2300×2300
		0.5	51.5			
KATL-300PMD	220	0.4	62.0	DN125	8000	4300×2300×2430
		0.5	55.0			
KATL-340PMD	250	0.4	65.0	DN125	8500	4300×2300×2430
		0.5	61.0			

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Dry Oil-Free Screw Air Compressor

Product Features



Industry leading GHH oil-free engine

1. The air compression chamber and the oil chamber are completely separated and do not come into contact with each other.
2. The secondary rotor is made of stainless steel material, which is more reliable.
3. The rotor and compression chamber walls of the host are coated with industry-leading super coating (UITRACOAT). It can effectively prevent softening, peeling and other phenomena that are prone to occur when using general coatings such as Teflon. Has excellent anti-corrosion properties and reduces meshing gaps. Throughout the entire lifecycle, there is no significant decrease in gas volume.
4. The casing compartment of the host is cooled by filtered lubricating oil. Efficient cooling avoids the formation of scale due to water cooling.



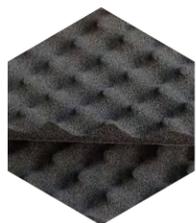
Permanent magnet variable frequency control system

Large size color LCD touch screen with excellent human-machine communication interface; Customized vector frequency converter, perfectly matched with the motor; A dedicated program that fully monitors the various parameters of the machine, automatically controls the machine status, and does not require dedicated supervision; Independent air duct design, suitable for various working conditions.



Independent air intake system

Independent air intake ensures that the intake temperature is equal to the ambient temperature. Choosing a large surplus air filter results in better filtration efficiency, lower intake pressure loss, and energy efficiency. Maintenance and replacement are more convenient.



Noise reduction sheet metal design

Multiple noise reduction design, calculated based on noise theory, with dedicated flame-retardant sound-absorbing cotton pasted inside to reduce unit noise and provide a quieter usage environment.

KAWV-G Series
Dry Oil-Free Permanent Magnet Variable Frequency Screw Air Compressor

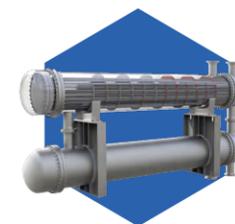


KAW-G Series
Dry Oil-Free Screw Air Compressor



Silent centrifugal fan

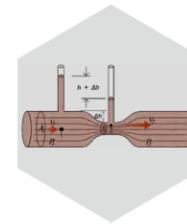
KINGAIR dry screw air compressor adopts the latest centrifugal fan, with large cooling air volume, low noise, stable and uniform air pressure, which fully utilizes the cooling area of the cooler and significantly reduces the noise of the air compressor by 6-8 dB (A), providing customers with a quiet environment.



Efficient water cooler

The water cooler adopts a new type of threaded finned tube shell heat exchanger, with compressed air flowing through the tube and cooling water flowing through the shell side. The tube nest is a new type of plum blossom shaped copper tube. Compared with conventional water-cooled heat exchangers, the advantages are as follows:

1. Compressed air travels through the pipeline, improving the pressure bearing capacity;
2. The cooling water flows through the shell side and passes through multiple sets of baffle components, which increases the turbulence level and reduces the probability of dirt formation on the pipe wall, prolongs the equipment cleaning cycle, and reduces maintenance costs for users;
3. The gas flows through the tube and the fins extend axially inside the tube, ensuring safe and reliable use, and the fins are not easily detached;
4. The installation of the heat exchanger is simple and the same as that of conventional shell and tube heat exchangers;
5. Stainless steel sheet metal is used on the pipe side to prevent corrosion and rust of the cooler caused by high temperature and pressure, which may affect the service life and air quality of the compressor host;
6. The tube nest can be independently disassembled, making it convenient for users to maintain and upkeep;
7. Compressed air flows through the pipe side and water flows through the shell side to reduce the noise generated by compressed air.



Noise reducing Venturi tube

The first and second stage engines of the air compressor are equipped with the latest developed Venturi tube muffler, as well as an impedance integrated muffler, which can greatly eliminate the noise emitted by the compressor pipeline.



Reliable intake system

Efficient intake valve ensures more stable and reliable operation, avoiding regular replacement of pneumatic components and reducing unnecessary downtime and maintenance costs.

KAWV-G Series	Exhaust Pressure		Air Displacement		Power		Noise	Air Outlet Diameter	Net Weight (kg)		Overall Dimension(mm)					
	bar	psig	(m³/min)	cfm	kW	hp	dB		Air Cooling	Water Cooling	Length	Width	Height	Length	Width	Height
KAWV-45G	7	102	4.5-7.8	159-275	45	60	69±3	DN50	1800	1850	2200	1400	2000	2200	1500	1720
	8	116	4.0-6.8	141-240												
	10	145	3.7-6.4	132-226												
KAWV-55G	7	102	5.7-9.8	202-346	55	75	69±3	DN50	1900	1950	2200	1400	2000	2200	1500	1720
	8	116	5.2-9.0	182-318												
	10	145	4.4-7.8	157-275												
KAWV-75G	7	102	7.6-13.0	268-459	75	100	70±3	DN50	2000	2050	2200	1400	2000	2200	1500	1720
	8	116	7.2-12.2	253-431												
	10	145	6.6-11.2	234-396												
KAWV-90G	7	102	9.6-16.0	332-565	90	120	71±3	DN50	2100	2150	2200	1400	2000	2200	1500	1720
	8	116	8.1-13.8	286-487												
	10	145	7.6-13.1	269-463												
KAWV-110G	7	102	12.1-20.6	429-727	110	150	71±3	DN65	3100	3150	3000	1990	2180	2800	1900	1990
	8	116	11.6-19.5	408-689												
	10	145	11.1-18.8	391-664												
KAWV-132G	7	102	14.7-24.8	518-876	132	175	73±3	DN65	3200	3250	3000	1990	2180	2800	1900	1990
	8	116	13.6-23.0	480-812												
	10	145	11.5-19.5	406-689												
KAWV-160G	7	102	16.9-28.5	596-1006	160	215	73±3	DN65	3300	3400	3000	1990	2180	2800	1900	1990
	8	116	15.6-26.3	550-929												
	10	145	14.1-23.8	497-840												
KAWV-185G	7	102	19.5-32.8	687-1158	185	250	74±3	DN65	3400	3500	3000	1990	2180	2800	1900	1990
	8	116	17.1-28.9	605-1021												
	10	145	16.3-27.5	575-971												
KAWV-200G	7	102	21.8-36.8	768-1300	200	270	74±3	DN100	5570	5000	4500	2000	2150	3100	2200	2103
	8	116	20.4-34.6	721-1222												
	10	145	18.1-30.6	640-1081												
KAW-220G	7	102	24.9-41.5	879-1466	220	300	74±3	DN100	5600	5100	4500	2000	2150	3100	2200	2103
	8	116	22.4-37.3	790-1317												
	10	145	19.8-33	699-1165												
KAWV-250G	7	102	27.3-46.0	964-1624	250	350	74±3	DN100	5800	5200	4500	2000	2150	3100	2200	2103
	8	116	25.3-42.8	893-1511												
	10	145	22.7-38.2	803-1348												
KAWV-280G	7	102	31.6-48.6	1116-1716	280	375	76±3	DN100	5900	5300	4500	2000	2150	3100	2200	2103
	8	116	30.9-47.5	1090-1677												
	10	145	29.3-45	1033-1589												
KAWV-315G	7	102	34.1-52.5	1205-1854	315	422	77±3	DN100	6000	5400	4500	2000	2150	3100	2200	2103
	8	116	32.9-50.6	1161-1787												
	10	145	31.5-48.5	1113-1713												

KAW-G Series	Exhaust Pressure		Air Displacement		Power		Noise	Air Outlet Diameter	Net Weight (kg)		Overall Dimension(mm)						
	bar	psig	(m³/min)	cfm	kW	hp	dB		Air Cooling	Water Cooling	Length	Width	Height	Length	Width	Height	
																	Air Cooling
KAW-45G	7	102	7.8	275.5	45	60	69±3	DN50	1900	1950	2200	1400	2000	2200	1500	1720	
	8	116	6.8	240.1													
	10	145	6.4	226.2													
KAW-55G	7	102	9.8	346.1	55	75	69±3	DN50	2000	2050	2200	1400	2000	2200	1500	1720	
	8	116	9.0	317.8													
	10	145	7.8	275.5													
KAW-75G	7	102	13.0	459.1	75	100	70±3	DN50	2150	2200	2200	1400	2000	2200	1500	1720	
	8	116	12.2	430.8													
	10	145	11.2	395.5													
KAW-90G	7	102	16.0	565.0	90	120	71±3	DN50	2250	2300	2200	1400	2000	2200	1500	1720	
	8	116	13.8	487.3													
	10	145	13.1	462.6													
KAW-110G	7	102	20.6	727.5	110	150	71±3	DN65	3360	3400	3000	1990	2180	2800	1900	1990	
	8	116	19.5	688.6													
	10	145	18.8	663.9													
KAW-132G	7	102	24.8	875.8	132	175	73±3	DN65	3500	3550	3000	1990	2180	2800	1900	1990	
	8	116	23.0	812.2													
	10	145	19.5	688.6													
KAW-160G	7	102	28.5	1006.5	160	215	73±3	DN65	3750	3850	3000	1990	2180	2800	1900	1990	
	8	116	26.3	928.8													
	10	145	23.8	840.5													
KAW-185G	7	102	32.8	1158.3	185	250	74±3	DN65	3860	3960	3000	1990	2180	2800	1900	1990	
	8	116	28.9	1020.6													
	10	145	27.5	971.2													
KAW-200G	7	102	36.8	1299.6	200	270	74±3	DN100	5730	5230	4500	2000	2150	3100	2200	2103	
	8	116	34.6	1221.9													
	10	145	30.6	1080.6													
KAW-220G	7	102	41.5	1465.6	220	300	74±3	DN100	6000	5500	4500	2000	2150	3100	2200	2103	
	8	116	37.3	1317.2													
	10	145	33.0	1165.4													
KAW-250G	7	102	46.0	1624.5	250	350	74±3	DN100	6400	6000	4500	2000	2150	3100	2200	2103	
	8	116	42.8	1511.5													
	10	145	38.2	1347.7													
KAW-280G	7	102	48.6	1716.3	280	375	76±3	DN100	6500	6100	4500	2000	2150	3100	2200	2103	
	8	116	47.5	1677.4													
	10	145	45.0	1589.2													
KAW-315G	7	102	52.5	1854.0	315	422	77±3	DN100	6600	6200	4500	2000	2150	3100	2200	2103	
	8	116	50.6	1786.9													
	10	145	48.5	1712.8													
KAW-355G	7	102	65.0	2295.5	355	476	78±3	DN150	/	6250	/	/	/	/	5000	2400	2400
	8	116	59.0	2083.6													
	10	145	52.2	1843.4													
KAW-400G	7	102	75.4	2662.7	400	536	78±3	DN150	/	6300	/	/	/	/	5000	2400	2400
	8	116	67.0	2366.1													
	10	145	58.9	2080.0													
KAW-450G	7	102	78.5	2772.2	450	600	79±3	DN150	/	6800	/	/	/	/	5000	2400	2400
	8	116	77.3	2729.8													
	10	145	66.5	2348.4													
KAW-500G	7	102	86.2	3044.1	500	670	79±3	DN150	/	7200	/	/	/	/	5000	2400	2400
	8	116	85.3	3012.3													
	10	145	78.0	2754.5													
KAW-560G	10	145	85.0	3001.7	560	760	79±3	DN150	/	7200	/	/	/	/	5000	2400	2400

Low-Pressure Dry Oil-Free Screw Air Compressor

Product Features

KAWLV-G Series Low-Pressure Dry Oil-Free Screw Air Compressor



Industry leading original oil-free host

1. The air compression chamber and oil chamber are completely separated. The air side adopts a stainless steel spring-loaded metal ring wear-resistant sealing system, and the lubricating oil side adopts a copper labyrinth seal wear-resistant sealing system, with no contact between the two;

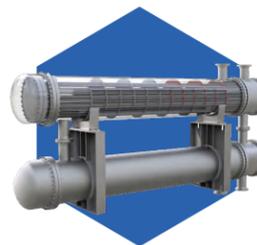


2. The rotor and compression chamber walls of the host are coated with industry-leading super coating (UITRACOAT). It can effectively prevent softening, peeling and other phenomena that are prone to occur when using general coatings such as Teflon. Has excellent anti-corrosion properties and reduces meshing gaps. Throughout the entire lifecycle, there is no significant decrease in gas volume;

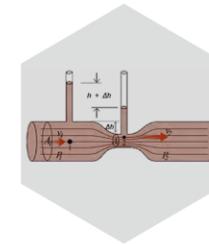
3. The casing compartment of the host is cooled by filtered lubricating oil. Efficient cooling avoids the formation of scale due to water cooling, thereby improving the reliability of operation.

Efficient water cooler

The water cooler of KINGAIR dry screw air compressor adopts a new type of threaded finned tube shell heat exchanger. Compressed air flows through the tube, cooling water flows through the shell side, and the tube nest is a new type of plum blossom shaped copper tube. Compared with conventional water-cooled heat exchangers, the advantages are as follows:



1. Compressed air travels through the tube, which increases the pressure bearing capacity relative to the outer finned tube;
2. The cooling water flows through the shell side, which is relatively different from the process inside the pipe. After passing through multiple sets of baffle components, the turbulence level of the cooling water is increased, the probability of dirt formation on the pipe wall is reduced, the equipment cleaning cycle is extended, and the maintenance cost for users is reduced;
3. When the gas passes through the tube and the fins extend axially inside the tube, the pressure drop generated per unit windward area is relatively low compared to the outer fins when sweeping the wind horizontally. It is safe and reliable to use, and the fins are not easily detached;
4. The installation of the heat exchanger is simple and the same as that of conventional shell and tube heat exchangers;
5. Stainless steel sheet metal is used on the pipe side to prevent corrosion and rust of the cooler caused by high temperature and pressure, which may affect the service life and air quality of the compressor host;
6. The tube nest can be independently disassembled, making it convenient for users to maintain and upkeep;
7. Compressed air flows through the pipe side and water flows through the shell side to reduce the noise generated by compressed air.



Noise reducing Venturi tube

All the main units of the air compressor are equipped with the latest developed Venturi tube muffler, as well as an impedance integrated muffler, which can greatly eliminate the noise emitted by the compressor pipeline.



Silent centrifugal fan

KINGAIR dry screw air compressor adopts the latest centrifugal fan, with large cooling air volume, low noise, stable and uniform air pressure, which fully utilizes the cooling area of the cooler and significantly reduces the noise of the air compressor by 6-8 dB (A), providing customers with a quiet environment.



Noise reduction sheet metal design

Multiple noise reduction design, calculated based on noise theory, with dedicated flame-retardant sound-absorbing cotton pasted inside to reduce unit noise and provide a quieter usage environment.



Independent air intake system

Independent air intake ensures that the intake temperature is equal to the ambient temperature. Choosing a large surplus air filter results in better filtration efficiency, lower intake pressure loss, and energy efficiency. Maintenance and replacement are more convenient.



Permanent magnet variable frequency control system

Large size color LCD touch screen with excellent human-machine communication interface; Customized vector frequency converter, perfectly matched with the motor; A dedicated program that fully monitors the various parameters of the machine, automatically controls the machine status, and does not require dedicated supervision; Independent air duct design, suitable for various working conditions.



Reliable intake valve

The high-efficiency intake valve works more stably and reliably, avoiding regular replacement of pneumatic components and reducing unnecessary downtime and maintenance costs.



KAWLV-G Series Low-Pressure Dry Oil-Free Screw Air Compressor

German imported low-voltage host, German Rheinland 0 level oil-free certification, all stainless steel design, ultra-low pressure loss pipeline muffler design, no gas and fuel mist separation, IE5 efficiency permanent magnet motor, variable frequency design, constant pressure operation.



German imported low-voltage host



Rheinland Level 0 Oil Free Certification in Germany



All stainless steel design



Design of ultra-low pressure loss pipeline muffler



Gas free fuel mist separation



IE5 Efficiency Permanent Magnet Motor



Variable frequency design
Constant pressure operation

KAWLV-G Series	Exhaust Pressure		Air Displacement		Power		Noise	Air Outlet Diameter	Net Weight (kg)		Overall Dimension(mm)								
	bar	psig	(m³/min)	cfm	kW	hp	dB		Air Cooling	Water Cooling	Air Cooling			Water Cooling					
											Length	Width	Height	Length	Width	Height			
KAWLV-45G	2	29	16.3	575															
	2.5	36	14.5	512	45kW	60	72±3	DN100	2950	2950	2800*1990*2180	3000*1990*2180							
	3	44	12.2	431															
KAWLV-55G	2	29	20.1	710															
	2.5	36	16.1	568	55kW	75	74±3	DN100	3000	3000	2800*1990*2180	3000*1990*2180							
	3	44	13.9	491															
KAWLV-75G	2	29	26.3	928															
	2.5	36	23.1	815	75kW	100	75±3	DN100	3050	3050	2800*1990*2180	3000*1990*2180							
	3	44	19.5	688															
KAWLV-90G	2	29	30.4	1073															
	2.5	36	27.7	978	90kW	120	76±3	DN100	3100	3100	2800*1990*2180	3000*1990*2180							
	3	44	24.2	854															
KAWLV-110G	2	29	44.0	1553															
	2.5	36	37.0	1306	110kW	150	76±3	DN150	3700	3700	3100*2000*2103	3100*2000*2103							
	3	44	33.1	1168															
KAWLV-132G	2	29	50.2	1772															
	2.5	36	43.5	1536	132kW	175	76±3	DN150	3800	3800	3100*2000*2103	3100*2000*2103							
	3	44	36.7	1296															
KAWLV-160G	2	29	52.8	1864															
	2.5	36	49.9	1761	160kW	215	77±3	DN150	3900	3900	/	3100*2000*2103							
	3	44	43.1	1521															
KAWLV-185G	2	29	71.5	2524															
	2.5	36	61.3	2164	185kW	250	80±3	DN200	4500	4500	/	3700*2200*2303							
	3	44	55.0	1942															
KAWLV-200G	2	29	75.2	2655															
	2.5	36	70.9	2503	200kW	270	80±3	DN200	4700	4700	/	3700*2200*2303							
	3	44	62.5	2206															
KAWLV-220G	2	29	83.5	2948															
	2.5	36	76.4	2697	220kW	300	81±3	DN200	4900	4900	/	3700*2200*2303							
	3	44	66.0	2330															
KAWLV-250G	2	29	-																
	2.5	36	82.5	2912	250kW	350	81±3	DN200	5100	5100	/	3700*2200*2303							
	3	44	75.8	2676															
KAWLV-280G	2	29	-																
	2.5	36	-		280kW	375	82±3	DN250	5200	5200	/	3700*2200*2303							
	3	44	81.4	2873															
KAWLV-315G	2	29	122.0	4307															
	2.5	36	110.8	3911	315kW	422	84±3	DN250	6900	6900	/	4200*2400*2500							
	3	44	97.5	3442															
KAWLV-355G	2	29	133.0	4695															
	2.5	36	120.2	4243	355kW	476	84±3	DN250	7000	7000	/	4200*2400*2500							
	3	44	109.7	3872															
KAWLV-400G	2	29	-																
	2.5	36	132.0	4660	400kW	536	85±3	DN250	7200	7200	/	4200*2400*2500							
	3	44	120.0	4236															

Oil Free Water Lubricated Screw Air Compressor

Product Features



Advanced water lubricated screw host

1. Made of stainless steel material, there is no risk of rust or corrosion on the machine head;
2. Water is used as the compression seal and cooling medium, and air is cleaner after rinsing with water, achieving pure oil-free performance;
3. A single screw air compressor theoretically has no clearance volume, and at rated speed, it has excellent power lubrication performance and high working efficiency;
4. The single screw is balanced in both axial and radial directions, and the star wheel rotates freely with the screw under water film lubrication. Therefore, the main components operate smoothly under low loads, ensuring low noise and durability.



Efficient motor

Special motor for air compressor, imported brand bearings, protection level IP54, insulation level F, suitable for various working conditions, such as heavy dust, high temperature and other harsh environments; High energy efficiency motors, with higher efficiency and less electricity consumption, can significantly reduce usage costs over the long term; The motor is designed with a large margin and a high starting torque, meeting the requirements for full life use under various working conditions.



Advanced and reliable electronic control system

Intelligent control system with a good human-machine communication interface; Select high-quality electrical components and use imported brands for contactors; A dedicated program with multiple pressure sensors and multiple temperature sensors, which comprehensively detects the operating status of the unit and automatically controls the machine status without the need for dedicated personnel supervision; The emergency stop function is equipped with a press type emergency stop switch in a prominent position of the unit, which can immediately stop the machine in case of emergency; Independent air duct design, suitable for various working conditions.

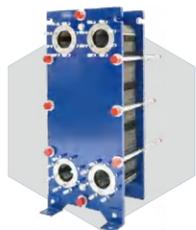


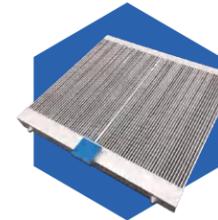
Plate cooler (for water cooling)

Made by stacking metal sheets with certain ripple shapes, the material is corrosion-resistant, easy to clean, and has a long service life; Unit volume, large heat transfer area, high heat transfer efficiency, keeping the water temperature within a reasonable range; Compact structure, light weight, and small space occupation.

KAW-PMD Series
Oil-Free Water Lubricated Permanent Magnet Variable Frequency Screw Compressor



KAW-A Series
Oil Free Water Lubricated Screw Air Compressor



Tube fin air cooler (for air cooling)

The heat exchange tube is made of copper material, which does not exchange ions with water, is corrosion-resistant, and has a long service life; Combined with an efficient axial flow fan, the air volume is sufficient, the cooling effect is good, and the external air duct is not prone to dust accumulation; The cooler is placed at the top, and the hot air is discharged upwards without backflow, ensuring stable working temperature inside the machine.



Efficient water filtration

The water filter is a full flow filter with a stainless steel casing and a specially designed filter element. It has high filtration accuracy and long service life, and can filter out impurities in the system to ensure clean lubricating water supply. A water filter is a standard configuration of a water circulation system, used to maintain the cleanliness of the system.



Specialized intake valve

The valve body is made of corrosion-resistant materials, suitable for various environments, and has a high service life; Heavy hammer structure, accurate and rapid air flow control, low pressure loss; High integration, no vulnerable parts, easy maintenance, and convenient adjustment.



Efficient water gas separation tank

Adopting an excellent cyclone separation structure design, it has been proven through testing that the water gas separation effect is good; Select all stainless steel material, corrosion-resistant; Level three induction alarm for water level, automatic elimination and replenishment.



Renewable ion exchange water softener

The operation and regeneration processes are fully automated and do not require manual operation; Using ion exchange resin to reduce the hardness of raw water, achieve the purpose of softening hard water, avoid scaling, and protect the system; Exchange resin is renewable and has low usage costs.

KAW-PMD Series	Maximum work pressure	FAD	Motor power	Noise	Cooling water inlet and outlet pipe diameter	Cooling water volume	Lubricating water	Overall Dimension	Weight	Air outlet
	MPa	m³/min	kW	dB		Water entering 32°C T/H				
KAW-06PMD	0.8	0.3-0.78	5.5	58	3/4"	1.5	10	800×800×1200	460	3/4"
	1.0	0.2-0.65								
KAW-08PMD	0.8	0.35-1.15	7.5	58	3/4"	2	10	800×800×1200	510	3/4"
	1.0	0.3-1.02								
	1.25	0.24-0.81								
KAW-11PMD	0.8	0.54-1.55	11	60	1"	2.5	26	1150×755×1340	620	3/4"
	1.0	0.45-1.32								
	1.25	0.35-1.01								
KAW-15PMD	0.8	0.75-2.30	15	63	1"	3.5	26	1150×755×1340	670	3/4"
	1.0	0.65-2.12								
	1.25	0.6-1.60								
KAW-18PMD	0.8	0.9-3.10	18.5	65	1"	4	30	1400×900×1450	730	1"
	1.0	0.9-2.62								
KAW-22PMD	0.8	1.1-3.42	22	65	1"	5	30	1400×900×1450	780	1"
	1.0	0.97-3.15								
	1.25	0.85-2.62								
KAW-30PMD	0.8	1.55-5.05	30	67	1 1/2"	7	40	1550×1150×1500 (A)	1150	1 1/4"
	1.0	1.255-4.20						1500×1150×1300 (W)		
	1.25	1.10-3.18								
KAW-37PMD	0.8	1.91-6.70	37	67	1 1/2"	9	40	1550×1150×1500 (A)	1200	1 1/4"
	1.0	1.60-5.80						1500×1150×1300 (W)		
	1.25	1.42-5.00								
KAW-45PMD	0.8	2.50-7.80	45	68	1 1/2"	10	90	1980×1300×1760 (A)	1490	2"
	1.0	1.91-6.15						1800×1300×1680 (W)		
	1.25	1.70-5.65								
KAW-55PMD	0.8	3.0-9.60	55	70	1 1/2"	12	120	1980×1300×1760 (A)	1570	2"
	1.0	2.50-8.55						1800×1300×1680 (W)		
	1.25	2.30-7.45								
KAW-75PMD	0.8	3.95-12.60	75	73	1 1/2"	18	120	2100×1600×1900 (A)	2250	2"
	1.0	3.40-11.42						2200×1500×1800 (W)		
	1.25	3.0-9.85								
KAW-90PMD	0.8	5.0-14.80	90	73	1 1/2"	20	180	2400×1600×2000 (A)	3150	2 1/2"
	1.0	4.30-13.05						2200×1550×1800 (W)		
	1.25	3.72-12.10								
KAW-110PMD	0.8	6.0-19.50	110	78	2"	24	180	3000×1700×2250 (A)	3150	2 1/2"
	1.0	5.07-16.80						2200×1550×1800 (W)		
	1.25	4.65-15.15								
KAW-132PMD	0.8	6.75-22.52	132	78	2"	30	240	3000×1700×2250 (A)	3500	2 1/2"
	1.0	6.0-20.30						2200×1550×1800 (W)		
	1.25	5.07-18.25								
KAW-160PMD	0.8	8.5-28.11	160	80	3"	35	240	2700×1800×2050	3900	DN80
	1.0	7.6-24.50								
	1.25	6.7-22.15								
KAW-185PMD	0.8	10-33.65	185	80	3"	38	300	2700×1800×2050	4050	DN100
	1.0	8.72-28.50								
	1.25	7.75-24.50								
KAW-200PMD	0.8	11.2-36.63	200	80	4"	42	300	2700×1800×2050	4200	DN100
	1.0	9.68-32.75								
	1.25	9.2-27.50								
KAW-220PMD	0.8	12.2-39.50	220	80	4"	47	360	2700×1800×2050	4400	DN100
	1.0	11.2-35.80								
	1.25	9.0-29.50								
KAW-250PMD	0.8	13.5-41.00	250	80	4"	58	360	2700×1800×2050	4800	DN100
	1.0	12.3-36.30								
	1.25	10.2-34.50								
KAW-264PMD	0.8	15.96-45.60	250	80	4"	70	400	3500×2100×2000	5300	DN125
	1.0	14.35-41.00								
	1.25	13.12-37.50								

KAW-A Series	Maximum work pressure	FAD	Motor power	Noise	Cooling water inlet and outlet pipe diameter	Cooling water volume	Lubricating water	Overall Dimension	Weight	Air outlet
	MPa	m³/min	kW	dB		Water entering 32°C T/H				
KAW-06A/W	0.8	0.78	5.5	58	3/4"	1.5	10	800×800×1200	430	3/4"
	1.0	0.65								
KAW-08A/W	0.8	1.15	7.5	58	3/4"	2	10	800×800×1200	470	3/4"
	1.0	1.02								
	1.25	0.81								
KAW-11A/W	0.8	1.55	11	60	1"	2.5	26	1150×755×1340	580	3/4"
	1.0	1.32								
	1.25	1.01								
KAW-15A/W	0.8	2.30	15	63	1"	3.5	26	1150×755×1340	650	3/4"
	1.0	2.12								
	1.25	1.60								
KAW-18A/W	0.8	3.10	18.5	65	1"	4	30	1400×900×1450	705	1"
	1.0	2.62								
	1.25	2.10								
KAW-22A/W	0.8	3.42	22	65	1"	5	30	1400×900×1450	745	1"
	1.0	3.15								
	1.25	2.62								
KAW-30A/W	0.8	5.05	30	67	1 1/2"	7	40	1550×1150×1500 (A)	1100	1 1/4"
	1.0	4.20						1500×1150×1300 (W)		
	1.25	3.18								
KAW-37A/W	0.8	6.70	37	67	1 1/2"	9	40	1550×1150×1500 (A)	1150	1 1/4"
	1.0	5.80						1500×1150×1300 (W)		
	1.25	5.00								
KAW-45A/W	0.8	7.80	45	68	1 1/2"	10	90	1980×1300×1760 (A)	1390	2"
	1.0	6.15						1800×1300×1670 (W)		
	1.25	5.65								
KAW-55A/W	0.8	9.60	55	70	1 1/2"	12	120	1980×1300×1760 (A)	1470	2"
	1.0	8.55						1800×1300×1670 (W)		
	1.25	7.45								
KAW-75A/W	0.8	12.60	75	73	1 1/2"	18	120	2100×1600×1900 (A)	2250	2"
	1.0	11.42						2200×1500×1800 (W)		
	1.25	9.85								
KAW-90A/W	0.8	14.80	90	73	1 1/2"	20	180	2400×1600×2000 (A)	2650	2 1/2"
	1.0	13.05						2200×1550×1800 (W)		
	1.25	12.10								
KAW-110A/W	0.8	19.50	110	78	2"	24	180	3000×1700×2250 (A)	3150	2 1/2"
	1.0	16.80						2200×1550×1800 (W)		
	1.25	15.15								
KAW-132A/W	0.8	22.52	132	78	2"	30	240	3000×1700×2250 (A)	3500	2 1/2"
	1.0	20.30						2200×1550×1800 (W)		
	1.25	18.25								
KAW-160W	0.8	28.11	160	80	3"	35	240	2700×1800×2050	3700	DN80
	1.0	24.50								
	1.25	22.15								
KAW-185W	0.8	33.65	185	80	3"	38	300	2700×1800×2050	3750	DN100
	1.0	28.50								
	1.25	24.50								
KAW-200W	0.8	36.63	200	80	4"	42	300	2700×1800×2050	3900	DN100
	1.0	32.75								
	1.25	27.50								
KAW-220W	0.8	39.50	220	80	4"	47	360	2700×1800×2050	4200	DN100
	1.0	35.80								
	1.25	29.50								
KAW-250W	0.8	41.00	250	80	4"	58	360	2700×1800×2050	4600	DN100
	1.0	36.30								
	1.25	34.50								
KAW-264W	0.8	45.60	250	80	4"	70	400	3500×2100×2000	5300	DN125
	1.0	41.00								
	1.25	37.50								

Oil Free Scroll Air Compressor

Product Features

KAWC Series Oil Free Scroll Air Compressor



Reliable original host with reliable performance

The host adopts a dynamic and static scroll design with three seals, making the compression process smoother. Multi blade cooling fan efficiently cools the host.

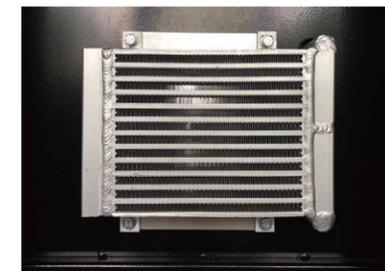
Efficient main motor

Adopting a well-known brand main motor with an energy efficiency rating of IE3, the design standards fully comply with the torque and load requirements of the air compressor, enabling the main motor to achieve the highest working efficiency and power factor at both full load and partial load. The TEFC main motor with IP55 protection level has an insulation level of F, which enables it to adapt to various working environments and ensure the reliability of the main motor.



High heat transfer efficiency secondary cooler

Adopting a two-stage cooler design for more thorough cooling. Each vortex host has a separate cooler (primary cooler), and the whole machine is equipped with a secondary cooler to further reduce the exhaust temperature. The fan of the secondary cooler can automatically start and stop according to the exhaust temperature, saving energy.



Primary cooler



Secondary cooler

Reliable transmission system

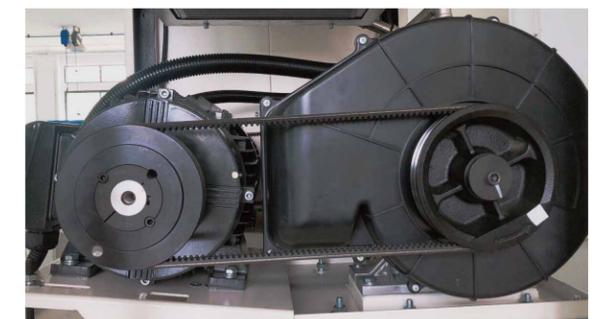
The belt transmission system with automatic tensioning function can maintain efficient operation throughout the running time. The system is easy to maintain, stable and reliable, and can protect the host to the maximum extent during startup.

Intelligent control system

The Smart Control control system independently developed by KINGAIR can control up to 10 oil-free vortex engines. When multiple hosts participate in operation, the control system will maintain the same running time for each host to reduce maintenance costs for users. The control system will also detect the running time and unit rotation time of each host. If the 'rotation time' has been detected, the running host will be automatically switched, the host with the longest running time will be shut down, and the host with the shortest running time will be started.



Each host is controlled by an independent controller, and the failure of a single controller will not affect the operation of other hosts, ensuring high reliability. The controller complies with CE certification and has powerful functions. On the large-sized color screen of the control system, it can display the temperature of each host, the current, running time, exhaust pressure of each motor, and has multiple functions such as reverse phase protection and maintenance reminders, making it convenient and easy to use.





KAWC Series Oil Free Scroll Air Compressor



High quality compressed air

The quality of compressed air is crucial for users, and oil and oil mist, water, and particles are the three major factors that affect the quality of compressed air.

ISO 8573-1:2010 provides a strict definition of the quality standards for compressed air, especially the oil content standard for compressed air. We deeply understand the importance of compressed air quality to our users and provide them with Class 0 compliant compressed air with zero risk (zero pollution risk, zero risk of damaged or unsafe products, zero risk of operational interruption losses), helping you succeed in the competition.

Product Features

- 
100% oil-free
 Can be used in any industry, especially suitable for users with high oil content requirements for compressed air.
- 
Running quietly
 The operation noise of the vortex air compressor is extremely low, and the working environment is healthier.
- 
Easy to install
 Small footprint, can be installed near gas consumption points, thereby reducing the installation of compressed air pipelines and effectively lowering pipeline installation costs.
- 
Easy maintenance
 No need to replace or add lubricating oil, only a small amount of consumables need to be replaced regularly, with low maintenance costs.
- 
Zero emissions
 Only condensate water is discharged, with no harmful substance emissions, in line with sustainable development goals.



KAWC Series	Maximum exhaust pressure	Volumetric flow (FAD)	cfm	Host power	Host architecture	Rated Pressure	Noise Level	Length	Width	Height	Exhaust pipe diameter	Unit Weight	Notes
	bar	L/min		kW								kg	
KAWC-02A-8	8	240	8.48	3	2.2*1	0.8	60±2	640	660	890	1/2"	200	
KAWC-02A-10	10	210	7.42	3	2.2*1	1	60±2	640	660	890	1/2"	200	
KAWC-02SAT-8	8	240	8.48	3	2.2*1	0.8	60±2	660	960	1360	1/2"	280	Equipped with a refrigerated dryer/24L air storage tank/2 precision filters
KAWC-02SAT-10	10	210	7.42	3	2.2*1	1	60±2	660	960	1360	1/2"	280	Equipped with a refrigerated dryer/24L air storage tank/2 precision filters
KAWC-04A-8	8	410	14.48	3.7	3.7*1	0.8	60±2	640	660	890	1/2"	220	
KAWC-04A-10	10	360	12.72	3.7	3.7*1	1	60±2	640	660	890	1/2"	220	
KAWC-04SAT-8	8	410	14.48	3.7	3.7*1	0.8	60±2	660	960	1360	1/2"	300	Equipped with a refrigerated dryer/24L air storage tank/2 precision filters
KAWC-04SAT-10	10	360	12.72	3.7	3.7*1	1	60±2	660	960	1360	1/2"	300	Equipped with a refrigerated dryer/24L air storage tank/2 precision filters
KAWC-05A-8	8	600	21.19	5.5	5.5*1	0.8	60±2	640	660	890	3/4"	350	
KAWC-05SAT-8	8	600	21.19	5.5	5.5*1	0.8	60±2	1490	800	1470	1/2"	410	Equipped with a refrigerated dryer/200L air storage tank/2 precision filters
KAWC-07A-8	8	816	28.82	7.5	3.7*2	0.8	68±2	1060	690	1090	3/4"	300	
KAWC-07A-10	10	760	26.85	7.5	3.7*2	1	68±2	1060	690	1090	3/4"	300	
KAWC-11A-8	8	1200	42.39	11	5.5*2	0.8	68±2	1060	690	1090	3/4"	340	
KAWC-11AI-8	8	1200	42.39	11	3.7*3	0.8	68±2	1060	690	1495	3/4"	430	
KAWC-11AI-10	10	1080	38.15	11	3.7*3	1	68±2	1060	690	1495	3/4"	430	
KAWC-15A-8	8	1600	56.52	15	3.7*4	0.8	70±2	1060	700	1965	1"	620	
KAWC-15A-10	10	1440	50.87	15	3.7*4	1	70±2	1060	700	1965	1"	620	
KAWC-16A-8	8	1800	63.58	16.5	5.5*3	0.8	70±2	1060	690	1495	1"	490	
KAWC-18A-8	8	2140	75.59	18.5	3.7*5	0.8	70±2	1560	1265	1775	1"	840	
KAWC-18A-10	10	1770	62.52	18.5	3.7*5	1	70±2	1560	1265	1775	1"	840	
KAWC-22A-8	8	2550	90.07	22	5.5*4	0.8	70±2	1060	700	1965	1"	700	
KAWC-22AI-8	8	2550	90.07	22	3.7*6	0.8	70±2	1560	1265	1775	1"	910	
KAWC-22A-10	10	2110	74.53	22	3.7*6	1	70±2	1560	1265	1775	1"	910	
KAWC-30A-8	8	3400	120.10	30	3.7*8	0.8	75±2	1560	1265	2020	1 1/4"	1140	
KAWC-30A-10	10	2810	99.26	30	3.7*8	1	75±2	1560	1265	2020	1 1/4"	1140	
KAWC-33A-8	8	3600	127.16	33	5.5*6	0.8	70±2	1560	1265	1775	1 1/4"	1160	

* The company continues to improve its products and retains the right to change its design. Parameters are subject to change without prior notice.



KAW-WH Series Smart Water-Injected Variable Frequency Medium Pressure Oil-Free Air Compressors

There are many medium-pressure compressed air to be used to 1.6-4.0 Mpa in medicine, electronic, chemical, microbial fermentation, blow moulding, pressure detection and other industrial production such as power plants, naval ships, military and national defense facilities. At present, piston air compressors are mostly used at home and abroad, but its efficiency is very low. GWH series compressors has compact structure, high efficiency, low noise, low vibration, easy maintenance, low operating cost and good air quality, and the machine was controlled by micro-computer system. The machine has multiple protective function of pressure temperature and overload energy.



KAW-WH Series	Power	FAD	Work pressure	Outlet Diameter	Diameter	Cooling water volume	Air supply temperature	Dimension L×W×H (mm)	Noise dB	Weight kG
	kW	m ³ /min	MPa	inch	inch	Water entering 32°C T/H				
KAW-52WH-25	52		2.5				Cooling water temperature +<15°C	2400×1650×1590	75	1650
KAW-59WH-30	59	5.0	3.0	DN25	2"/DN50	14				
KAW-67WH-40	67		4.0							
KAW-67WH-25	67		2.5	DN32			Cooling water temperature +<15°C	2400×1650×1590	77	1950
KAW-75WH-30	75	6.0	3.0	DN25	2"/DN50	19				
KAW-85WH-40	85		4.0							
KAW-82WH-25	82		2.5				Cooling water temperature +<15°C	3200×2000×2050	78	2300
KAW-92WH-30	92	8.0	3.0	DN32	2-1/2"/DN65	25				
KAW-112WH-40	112		4.0							
KAW-100WH-25	100		2.5				Cooling water temperature +<15°C	3200×2000×2050	80	2600
KAW-120WH-30	120	10	3.0	DN32	2-1/2"/DN65	31				
KAW-135WH-40	135		4.0							
KAW-130WH-25	130		2.5				Cooling water temperature +<15°C	3200×2050×2300	81	3000
KAW-145WH-30	145	12	3.0	DN32	2-1/2"/DN65	38				
KAW-165WH-40	165		4.0							
KAW-165WH-25	165		2.5				Cooling water temperature +<15°C	3200×2200×2300	82	3300
KAW-185WH-30	185	16	3.0	DN50	2-1/2"/DN65	50				
KAW-207WH-40	207		4.0							
KAW-200WH-25	200		2.5				Cooling water temperature +<15°C	3600×2200×2300	83	3650
KAW-222WH-30	222	20	3.0	DN50	3"/DN80	63				
KAW-250WH-40	250		4.0							
KAW-292WH-25	292		2.5				Cooling water temperature +<15°C	4200×2050×2700	83	3900
KAW-317WH-30	317	30	3.0	DN50	4"/DN100	95				
KAW-332WH-40	332		4.0							
KAW-405WH-25	405		2.5				Cooling water temperature +<15°C	4200×2050×2700	85	4200
KAW-435WH-30	435	40	3.0	DN65	5"/DN125	127				
KAW-470WH-40	470		4.0							

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KAW-A/WL Series Smart Water-Injected Low Pressure Oil-Free Air Compressors

≥30%

KAW-A/WL series is more energy-efficient

In textile, glass, plastics, water treatment, chemical cement and other industry fields, 0.15-0.4Mpa compressed air is often be required, KAW-A/WL series compressors can save more than 30% energy than the normal compressor.



KAW-A/WL Series	Maximum work pressure	FAD	Motor power	Noise	Cooling water inlet and outlet pipe diameter	Cooling water volume	Lubricating water	Overall Dimension	Weight	Air outlet
	MPa	m ³ /min	kW	dB		Water entering 32°C T/H				
KAW-30A/WL	0.15	10.10	30	66	1 1/2"	7	50	1500×1150×1550(A) 1500×1150×1300(W)	1100	2"
	0.2	9.20								
	0.3	7.80								
	0.4	6.70								
KAW-37A/WL	0.15	12.13	37	66	1 1/2"	9	60	1500×1150×1550(A) 1500×1150×1300(W)	1150	2 1/2"
	0.2	11.56								
	0.3	10.21								
	0.4	8.55								
KAW-45A/WL	0.15	14.50	45	68	1 1/2"	10	120	1980×1300×1760(A) 1800×1300×1670(W)	1390	2 1/2"
	0.2	13.20								
	0.3	11.20								
	0.4	10.00								
KAW-55A/WL	0.15	18.70	55	69	1 1/2"	12	160	1980×1300×1760(A) 1800×1300×1670(W)	1470	2 1/2"
	0.2	17.00								
	0.3	16.50								
	0.4	15.50								
KAW-75A/WL	0.15	23.10	75	72	1 1/2"	18	180	2100×1600×1900(A) 2200×1500×1800(W)	2250 1630	3"
	0.2	21.12								
	0.3	19.55								
	0.4	18.50								
KAW-90A/WL	0.15	27.70	90	73	1 1/2"	20	180	2400×1600×2000(A) 2200×1550×1800(W)	2650 2350	3"
	0.2	25.20								
	0.3	23.10								
	0.4	21.50								
KAW-110A/WL	0.15	32.15	110	77	2"	24	180	3000×1700×2250(A) 2200×1550×1800(W)	3150 2580	DN100
	0.2	31.24								
	0.3	30.50								
	0.4	27.16								
KAW-132A/WL	0.15	36.50	132	77	2"	30	180	3000×1700×2250(A) 2200×1550×1800(W)	3500 2800	DN100
	0.2	33.20								
	0.3	32.20								
	0.4	30.50								
KAW-160A/WL	0.15	45.00	160	79	3"	35	230	2700×1800×2050	4000	DN125
	0.2	43.15								
	0.3	40.50								
	0.4	36.00								
KAW-185A/WL	0.15	50.60	185	79	3"	38	230	2700×1800×2050	4650	DN125
	0.2	46.00								
	0.3	42.30								
	0.4	40.00								

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KAWV-2 Series Smart Water-Injected PM Motor Variable Frequency Two-Stage Compression Oil-Free Air Compressors

60%

Low compression ratio

1. The compression ratio of two-stage compression is 60% lower than that of one-stage compression, the compression ratio is low, the reflux leakage is greatly reduced, and the screw host output flow is improved. A low compression ratio reduces the amount of heat produced during compression and increases the volume efficiency of the compressed air.

20%

More energy-efficient than first level compression

2. Using two-stage compression technology, improve the compressor's energy efficiency, compression process is closer to isothermal compression, at the same working conditions, two-stage compression than one-stage compression energy saving about 20%.

3. If the compression ratio is low, the axial force and radial force produced by the rotor are greatly reduced, which greatly reduces the axial force and radial force borne by the rotor bearing, greatly improves the reliability of the rotor bearing and its working life.

KAWV-2 Series	Work pressure	FAD	Air supply temperature	Power	Noise	Cooling water volume	Cooling water pressure difference	Weight	Outlet Diameter	Overall Dimension
	MPa	m ³ /min	°C	kW	dB (A)	T/H	Mpa	kG	inch	L×W×H (mm)
KAW-75WV-2	0.7	15.5	≤ Cooling water inlet temperature+12 °C	75	72	18	≥0.25	2500	2"	2700×1800×1850
	0.8	15.1								
	1.0	13.4								
	1.25	11.1								
KAW-90WV-2	0.7	21.0	≤ Cooling water inlet temperature+12 °C	92	73	20	≥0.25	2850	2 1/4"	2700×1800×1850
	0.8	19.4								
	1.0	16.0								
	1.25	15.1								
KAW-110WV-2	0.7	24.0	≤ Cooling water inlet temperature+12 °C	112	75	24	≥0.25	3500	2 1/4"	3000×1850×1950
	0.8	23.0								
	1.0	20.0								
	1.25	15.9								
KAW-120WV-2	0.7	26.0	≤ Cooling water inlet temperature+12 °C	120	76	26	≥0.25	4000	2 1/2"	3000×1850×1950
	0.8	24.0								
	1.0	21.0								
	1.25	17.0								
KAW-130WV-2	0.7	28.0	≤ Cooling water inlet temperature+12 °C	130	77	30	≥0.25	4500	2 1/2"	3000×1850×1950
	0.8	26.5								
	1.0	22.0								
	1.25	18.5								
KAW-145WV-2	0.7	32.0	≤ Cooling water inlet temperature+12 °C	145	77	32	≥0.25	4750	3"	3200×1900×2000
	0.8	30.0								
	1.0	25.0								
	1.25	20.5								
KAW-165WV-2	0.7	35.5	≤ Cooling water inlet temperature+12 °C	165	78	35	≥0.25	4950	3"	3200×1900×2000
	0.8	34.5								
	1.0	30.0								
	1.25	25.0								
KAW-200WV-2	0.7	42.0	≤ Cooling water inlet temperature+12 °C	200	78	42	≥0.25	5600	4"	3200×1900×2000
	0.8	41.0								
	1.0	36.5								
	1.25	32.0								

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Oil-Free Screw Blower

Product Introduction

Special component

Special labyrinth seal and screw seal components ensure that the compression cavity is completely oil-free, reaching class 0 level, frequency conversion and constant pressure gas supply.

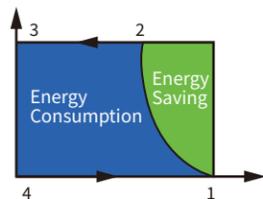
Better performance

High efficiency, low energy consumption, high intelligence, low noise, low cost, to achieve 100% oil-free air.

Scene diversity

It is widely used in sewage treatment, textile, chemical fiber, papermaking, iron and steel, power generation, cement, automobile spraying, glass, coal mine, grain, petrochemical and other industrial fields.

Pressure Solution Diagram of Screw Blower



- Thermodynamic energy consumption
- Energy saving

- 4-1 Inhale.
- 1-2 Internal compression. The Yin and Yang rotors meshed with each other, the volume between the teeth decreased and the pressure increased.
- 2-3 Exhaust gas is discharged from the pipe.

Model	Power (KW)	Pressure (KPa)	Volume flow (m ³ /min)	Pipe Diameter	Weight (kg)	Dimension (mm)
KA-7.5BPM	5.5	0.4/40 0.6/60	4.0 3.2	DN150	700	1400×1100×1360
KA-10BPM	7.5	0.4/40 0.6/60 0.8/80	6.4 4.6 3.5	DN150	750	1400×1100×1360
KA-15BPM	11	0.4/40 0.6/60 0.8/80 1.0/100 1.2/120 1.5/150	9.0 7.5 6.0 4.8 4.0 2.8	DN150	800	1400×1100×1360
KA-20BPM	15	0.4/40 0.6/60 0.8/80 1.0/100 1.2/120 1.5/150	13.6 10.5 8.3 6.7 5.8 4.5	DN150	1200	2200×1250×1900
KA-25BPM	18.5	0.4/40 0.6/60 0.8/80 1.0/100 1.2/120 1.5/150	16.2 13.1 10.3 9.2 7.5 6.0	DN150	1250	2200×1250×1900
KA-30BPM	22	0.4/40 0.5/50 0.6/60 0.7/70 0.8/80 1.0/100 1.2/120 1.5/150	22.0 19.0 16.0 14.5 13.0 9.5 8.8 7.0	DN150	1250	2200×1250×1900
KA-40BPM	30 160M	0.4/40 0.6/60 0.7/70 0.8/80 1.0/100 1.2/120 1.7/170	29.0 26.0 23.5 21.5 15.8 12.5 7.5	DN200 DN150	1750 1250 800	2700×1400×1900 2200×1250×1900 1400×1100×1360
KA-50BPM	37kW 180M	0.4/40 0.5/50 0.6/60 0.8/80 1.0/100 1.2/120 1.5/150	38.0 35.0 32.0 26.0 21.5 15.5 12.5	DN200 DN150	1750 1250	2700×1400×1900 2200×1250×1900
KA-60BPM	45kW	0.4/40 0.5/50 0.6/60 0.8/80 1.0/100 1.2/120 1.5/150 1.7/170	44.0 42.0 38.0 33.5 26.0 21.0 15.5 12.7	DN200 DN150	1750 1300	2700×1400×1900 2200×1250×1900
KA-75BPM	55kW	0.4/40 0.6/60 0.7/70 0.8/80 1.0/100 1.2/120 1.5/150 1.8/180 2.0/200	55.0 48.0 44.0 41.5 35.0 31.0 21.0 16.5 14.5	DN200 DN150	1800 1750 1350	2700×1400×1900 2200×1250×1900
KA-100BPM	75kW 225S/M	0.4/40 0.6/60 0.7/70 0.8/80 0.9/90 1.0/100 1.2/120 1.5/150 1.8/180 2.0/200	78.0 68.0 61.0 55.0 51.0 47.0 42.5 34.0 27.0 24.5	DN250 DN200 DN150	2200 1800 1750 1400	3100×1500×2150 2700×1400×1900 2200×1250×1900

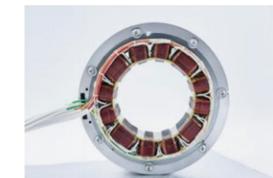
Model	Power (KW)	Pressure (KPa)	Volume flow (m³/min)	Pipe Diameter	Weight (kg)	Dimension (mm)
KA-125BPM	90	0.4/40	98.0	DN300	2550	3300×1750×2350
		0.6/60	78.0	DN250	2200	3100×1500×2150
		0.8/80	68.0			
		1.0/100	61.0			
		1.2/120	50.0	DN200	1850	2700×1400×1900
		1.5/150	42.0			
		1.8/180	34.0			
2.0/200	30.5					
KA-150BPM	110	0.4/40	113.0	DN300	2600	3300×1750×2350
		0.6/60	92.0			
		0.8/80	78.0			
		1.0/100	67.5	DN250	2250	3100×1500×2150
		1.2/120	60.0			
		1.5/150	49.0			
		1.8/180	41.5			
2.0/200	37.5					
KA-180BPM	132	0.6/60	112.0	DN300	2600	3300×1750×2350
		0.8/80	98.0			
		1.0/100	81.0			
		1.1/110	73.0	DN250	2300	3100×1500×2150
		1.2/120	71.0			
		1.5/150	58.0			
		1.8/180	48.0			
2.0/200	44.0	DN200	1900	2700×1400×1900		
KA-220BPM	160	0.4/40	180.0	DN300	3500	3600×2100×2350
		0.6/60	130.0			
		0.8/80	111.0			
		1.0/100	101.0	DN300	2750	3300×1750×2350
		1.1/110	89.0			
		1.2/120	80.0			
		1.5/150	70.0			
1.8/180	203.0	DN300	3500	3600×2100×2350		
0.6/60	154.0					
0.8/80	129.0					
KA-250BPM	185	1.0/100	110.0	DN300	2800	3300×1750×2350
		1.2/120	96.0			
		1.5/150	83.0			
		1.8/180	66.5			
		0.4/40	212.0	DN300	3600	3600×2100×2350
		0.6/60	177.0			
		0.8/80	144.0			
KA-270BPM	200	1.2/120	110.0	DN300	2800	3300×1750×2350
		1.5/150	90.0			
		1.8/180	76.0			
		2.0/200	66.0			
		0.6/60	196.0	DN300	3600	3600×2100×2350
		0.8/80	159.0			
		1.0/100	127.0			
KA-300BPM	220	1.5/150	100.0	DN300	2800	3300×1750×2350
		1.8/180	86.0			
		2.0/200	73.0			
		0.6/60	220.0			
		0.8/80	182.0			
		1.0/100	150.0			
		KA-350BPM	250	1.2/120	125.0	DN300
1.5/150	109.0					
1.8/180	95.0					
2.0/200	85.0					
0.8/80	206.0			DN300	3900	3600×2100×2350
1.0/100	178.0					
1.1/110	162.0					
KA-380BPM	280	1.2/120	148.0	DN300	4000	3600×2100×2350
		1.0/100	195.0			
		1.2/120	170.0			
		1.5/150	130.0			
KA-420BPM	315	1.2/120	192.0	DN300	4100	3600×2100×2350
		1.5/150	160.0			
		1.5/150	188.0			

Magnetic Levitation Centrifugal Blower

Magnetic levitation single-stage centrifugal blower, belongs to the fourth generation of blowers, which adopts advanced magnetic levitation bearings, high-speed motors, ternary flow impeller technology, and compared with the previous three generations of blowers, it has the characteristics of energy saving, environmental protection, wide range of adjustment of air volume, low noise, low vibration and easy installation and maintenance.



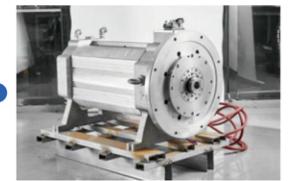
Magnetic Levitation Controller



Magnetic Levitation Bearing



Magnetic Levitation Blower



High-speed motors



Ternary Fluid Impeller

Energy-saving And Efficient

Magnetic levitation blower compared to traditional Roots fan and other models, energy saving effect of more than 30%, high return on investment benefits.

High Reliability

Based on magnetic levitation bearing technology, no lubrication oil is required, reducing gearboxes and other structures; mechanical bearings are reduced from more than 10 to 0; sealing structures are reduced from more than 10 to 2.

Safety Design

Enhance the protection level and cooling efficiency of the motor, which can meet the various types of harsh environmental conditions such as cement, chemical industry, etc., and run stably.

Lower Noise

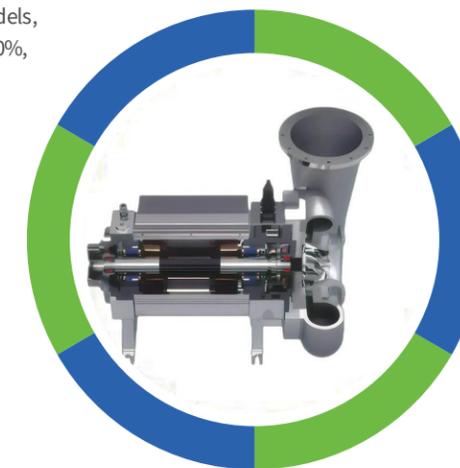
The noise of the magnetic levitation motor is only about 75 decibels; it meets the latest environmental protection requirements.

Small Size And Light Weight

High-speed direct-drive generator design can significantly reduce the size and weight of the equipment, so that the customer equipment installation and transportation more flexible.

Easy To Install And Maintenance Free

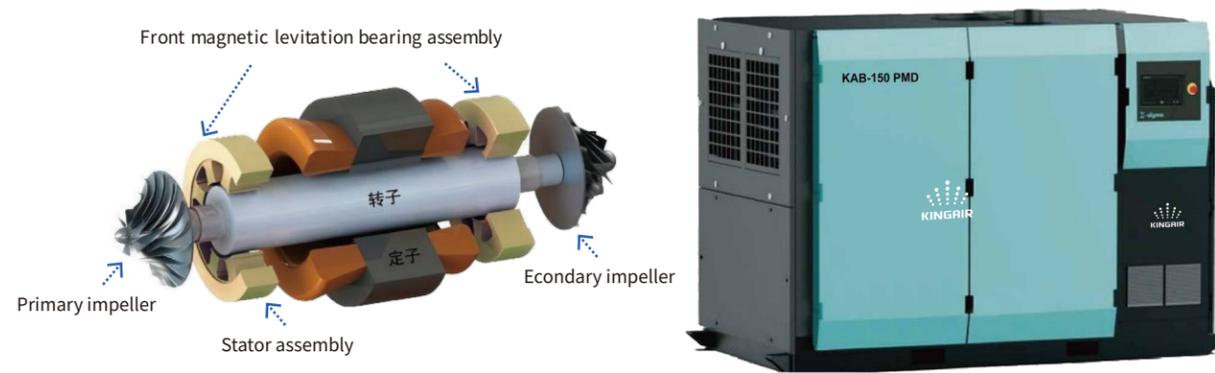
The magnetic levitation motor can realize plug and play without the need to do on-site basic platform, debugging; motor life is semi-permanent, without daily inspection and maintenance.



Magnetic Levitation Centrifugal Air Compressor

Magnetic levitation compressor is a more efficient and energy-saving centrifugal compressor, which uses magnetic levitation bearings, so that the compressor's rotor works in a kind of levitation state, so that there is no mechanical contact with the base when rotating, avoiding mechanical friction.

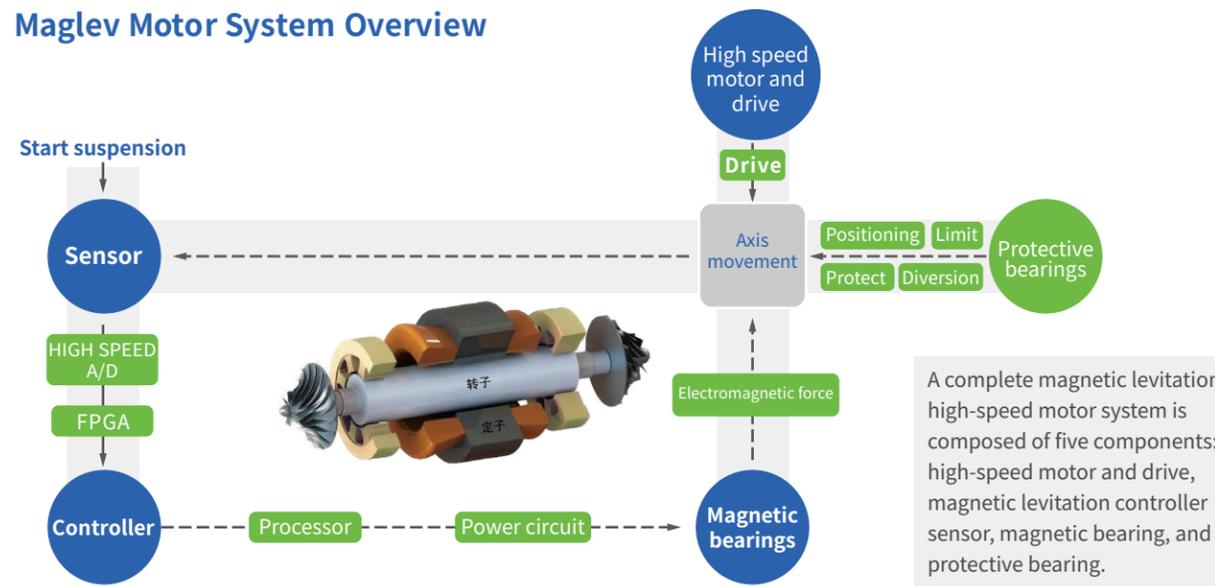
The structure diagram is as follows:



As a result, magnetic levitation compressors have the following four characteristics:

- 1 No lubricating oil system is required, which reduces heat transfer thermal resistance and improves heat transfer efficiency.
- 2 No pre-heating is required, allowing for fast start-up and low starting current.
- 3 Simplified machine structure.
- 4 Low operating noise and vibration.

Maglev Motor System Overview

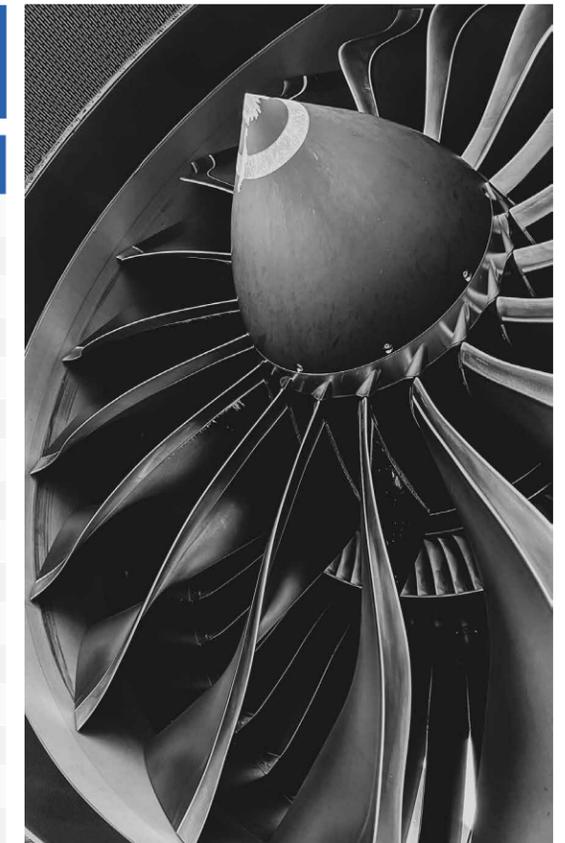


Magnetic Levitation Centrifugal Blower

Product Series	KAB-30PMD	KAB-50PMD	KAB-75PMD	KAB-100PMD	KAB-125PMD	KAB-150PMD	KAB-180PMD	KAB-220PMD	KAB-250PMD	KAB-270PMD	KAB-300PMD	KAB-340PMD	KAB-410PMD	KAB-480PMD	KAB-550PMD	KAB-600PMD	KAB-800PMD	KAB-1350PMD	
Installed power (kW)	25	37	55	75	90	110	130	150	180	200	220	250	300	350	400	450	600	1000	
Maximum motor speed (rpm)	40000			36000		33000		27000		24000		20000							
Impeller design speed (rpm)	40000	40000	40000	36000	36000	33000	33000	27000	27000	24000	24000	20000	20000	20000	25000	25000	18000	18000	
Pressurization (kPa)	Flow Capacity (m³/min): latm, 20°C																		
30		56	83	113	135														
40		46	68	93	112	132	156	180											
50	25	35	52	71	85	116	137	158	171	190	233	264							
60	22	32	48	65	78	96	113	130	156	173	190	217	260	303	346	389	536		
70	20	27	40	54	65	86	102	118	141	157	173	196	235	274	313	352	465	790	
80		25	37	51	61	74	87	100	120	133	146	167	200	233	266	299	414	708	
90		23	34	46	66	69	82	95	114	127	140	158	190	222	254	285	376	638	
100					51	63	74	85	102	113	124	142	170	198	226	254	342	586	
110					49	60	71	82	98	109	120	136	164	191	218	245	328	546	
120					45	55	65	75	90	100	110	125	150	175	200	225	300	511	
Pipe Diameter (mm)	DN125/DN150/DN200						DN200/DN250			DN250/DN300		DN250/DN300		DN400					
Pressurization (mm)	1660*1270*1800						2420*1520*1800			2910*1730*1965									

Magnetic Levitation Centrifugal Air Compressor

Model	Power KW	Work air pressure Bar	Volume flow m³/min
KAM-150PMD-2	110	1.0-2.0	42
KAM-150PMD-3	110	1.5-3.0	32
KAM-220PMD-2	160	1.0-2.0	60
KAM-220PMD-3	160	1.5-3.0	46
KAM-270PMD-1.5	200	1.0-2.5	65
KAM-270PMD-3	200	1.5-3.0	60
KAM-270PMD-3.5	200	1.5-3.5	51
KAM-350PMD-2	250	1.0-2.0	93
KAM-350PMD-3	250	1.5-3.0	72
KAM-350PMD-4	250	2.5-4.0	61
KAM-420PMD-2.5	315	1.0-2.5	100
KAM-420PMD-3.5	315	2.5-3.5	80
KAM-540PMD-2	400	6.0-8.0	65
Voltage	380V/50Hz		
Environmental temperature	-10~40°C		
Environmental humidity	0~95%RH		



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Screw Vacuum Pump

Product Introduction

✔ New BS airframe

Permanent magnet integrated structure, performance improvement, stable and efficient, suitable for a variety of complex working conditions.

✔ Sophisticated technology

Permanent magnet frequency conversion screw vacuum pump, with cutting-edge screw technology, quiet operation, higher efficiency, higher energy efficiency.

✔ Unique design

The "H" structure of the high-efficiency vacuum filter device is designed to effectively remove impurities, protect the pump body and facilitate the replacement of the filter element.

✔ Scene diversity

BGV series vacuum pump can be used alone and can be controlled by multiple units. It is widely used in plastic, glass, bottling, canning, packaging, printing, papermaking and meat packaging, electronics, machinery and other scenes.

Model	Power (KW)	Max.Vacuum		Max.Capacity (m ³ /min)	Air Inlet Size (mm)	Exhaust Port Size (mm)	Unit Weight (kg)	External Dimensions (mm)
		mbar(a)	(in.HgV)					
KAV06APM	4.5	1	-29.9	6.3	DN80	DN80	800	1200×1000×1200
KAV7.5APM	5.5			7.0	DN100	DN80	870	1480×1000×1350
KAV10APM	7.5			9.5	DN100	DN80	870	1480×1000×1350
KAV15APM	11			12.2	DN100	DN80	930	1550×1060×1450
KAV20APM	15			15.0	DN100	DN80	980	1550×1060×1450
KAV25APM	18.5			17.5	DN125	DN100	1500	1600×1300×1780
KAV30APM	22			23.3	DN125	DN100	1550	1600×1300×1780
KAV40APM	30			27.0	DN150	DN125	1650	2250×1450×1800
KAV50APM	37			30.0	DN150	DN125	1700	2250×1450×1800
KAV60APM	45			43.3	DN200	DN150	1900	2860×1750×2050
KAV75APM	55	53.0	DN200	DN150	2000	2860×1750×2050		

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Power Frequency Screw Air Compressor

Product Introduction

✓ High efficiency and energy saving

At the same power, the gas production of two-stage compression is 25% higher than that of single-stage compression.

✓ Cost Saving

The integrated screw mainframe needs only 50% of the ordinary lubricating oil, and the maintenance cost is low.

✓ Prolong life

Two heads bear the load, bearing, gear load small, long service life.

Technical Parameters of Power Frequency Single-stage Screw Air Compressor

Model	KA-10D	KA-15D	KA-20D	KA-25D	KA-30D	KA-40D
Volume Flow / Exhaust Pressure (m ³ /min/Mpa)	1.2/0.7	1.7/0.7	2.4/0.7	2.9/0.7	3.5/0.7	4.7/0.7
	1.1/0.8	1.6/0.8	2.2/0.8	2.8/0.8	3.4/0.8	4.6/0.8
	0.9/1.0	1.3/1.0	2.0/1.0	2.7/1.0	3.2/1.0	4.0/1.0
	0.7/1.3	1.0/1.3	1.6/1.3	2.2/1.3	2.4/1.3	3.1/1.3
Power (kW)	7.5	11	15	18.5	22	30
Outlet Diameter	G1/2	G3/4	G3/4	G1	G1	G1
Weight (kg)	190	320	340	400	430	460
External Dimension	Length(mm)	900	1150	1150	1350	1350
	Width (mm)	650	750	750	850	850
	Height(mm)	860	960	960	1110	1110

Model	KA-50D	KA-60D	KA-75D	KA-100D	KA-125D	KA-150D	KA-180D
Volume Flow / Exhaust Pressure (m ³ /min/Mpa)	6.4/0.7	7.3/0.7	9.4/0.7	12.4/0.7	15.4/0.7	20.1/0.7	23.0/0.7
	6.3/0.8	7.2/0.8	9.3/0.8	12.2/0.8	15.0/0.8	19.9/0.8	22.5/0.8
	-	6.2/1.0	7.1/1.0	-	12.1/1.0	14.8/1.0	19.7/1.0
	4.7/1.3	-	6.1/1.3	9.1/1.3	-	12.0/1.3	14.6/1.3
Power (kW)	37	45	55	75	90	110	132
Outlet Diameter	G1 1/2	G1 1/2	G2 1/2	G2 1/2	G2 1/2	DN65	DN65
Weight (kg)	650	700	1350	1450	1700	2650	2800
External Dimensions	Length(mm)	1500	1500	1700	1700	2100	2250
	Width (mm)	1000	1000	1210	1210	1400	1510
	Height(mm)	1350	1350	1550	1550	1650	1850

Model	KA-220D	KA-250D	KA-300D	KA-350D	KA-380D	KA-480D
Volume Flow / Exhaust Pressure (m ³ /min/Mpa)	28.5/0.7	30.5/0.7	38.0/0.7	44.0/0.7	-	62.0/0.7
	28.0/0.8	30.0/0.8	37.0/0.8	43.5/0.8	-	61.0/0.8
	22.5/1.0	27.0/1.0	33.0/1.0	37.5/1.0	43.0/1.0	-
	21.5/1.3	22.5/1.3	28.5/1.3	31.5/1.3	41.0/1.3	-
Power (kW)	160	185	220	250	315	355
Outlet Diameter	DN100	DN100	DN125	DN125	DN125	DN150
Weight (kg)	3950	4100	5000	5900	6500	7000
External Dimensions	Length(mm)	3250	3250	3550	3760	3760
	Width (mm)	2100	2100	2300	2260	2260
	Height(mm)	2200	2200	2300	2200	2200

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Intelligent Refrigerated Compressed Air Dryer

Product Introduction

Stable performance

The wind force of the external rotor fan is strong, the efficiency of condensation and precooling is improved, and the operation of the whole machine is more stable and reliable.

Superior environment

With the unique heat exchanger design, the efficiency is increased exponentially and the gas environment is more superior.

High efficiency and long life

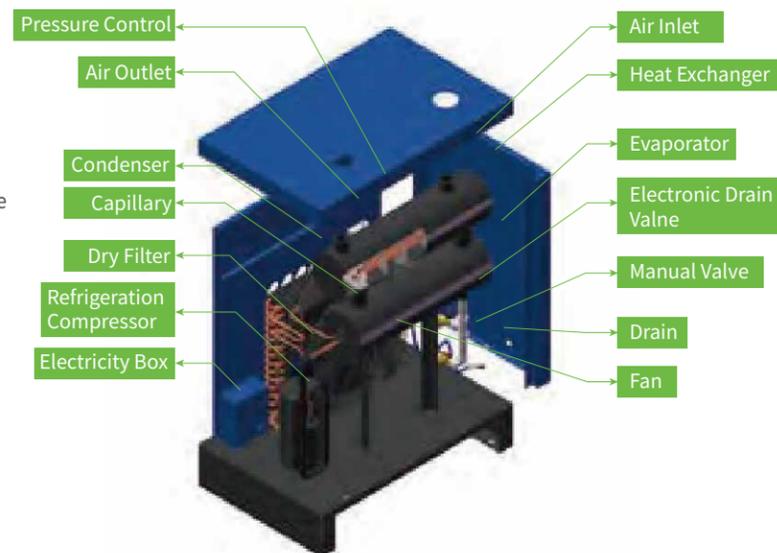
Well-known brand compressors have high refrigeration efficiency, copper tube heat exchangers, evaporators and condensers have been treated with anti-corrosion and have a long service life.

Advanced system

Equipped with advanced pressure gauges, high and low pressure overvoltage, overload protection instructions, the control system is more advanced.

Working Condition And Technical Data

- MPDP: 2~10°C
- Capacity: 1.2- 40m²/min maximum air intake
- Temperature: 80°C
- Refrigerant: R22, R134a or R407C
- Max. ambient temperature: 40°C
- Min. ambient temperature: 5°C
- Working pressure: ≤1.3Mpa (13bar)
- Cooling type: Air-cooling

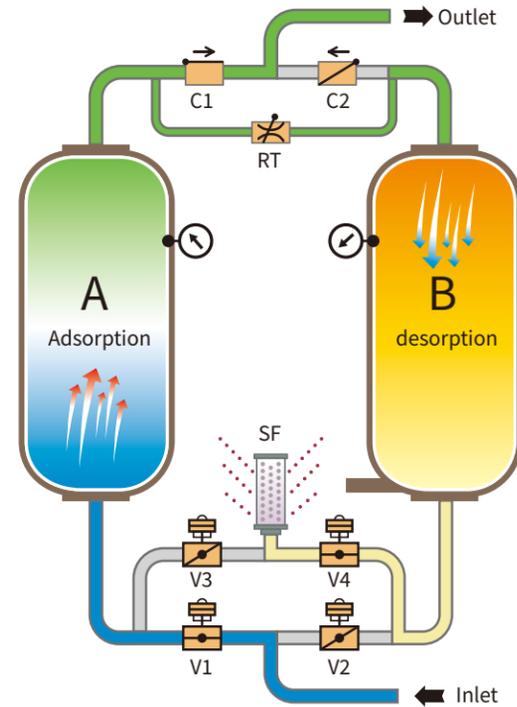


Technical Parameters of Intelligent Refrigerated Compressed Air Dryer

Model	Flow Capacity		Power (V/Hz/Ph)	Outlet Diameter	Weight (kg)	Size		
	(m ³ /min)	Cfm				Length (mm)	Width (mm)	Height (mm)
KA-7.5F	0.85	30	220/50/1	ZG1"	55	630	450	670
KA-10F	1.2	42		ZG1"	55	630	450	670
KA-15F	1.7	60		ZG1"	60	630	450	670
KA-20F	2.4	85		ZG1"	80	700	450	910
KA-30F	3.8	134		G1 1/2"	105	850	500	970
KA-40F	5.2	184		G1 1/2"	135	850	500	970
KA-50F	6.4	226		G1 1/2"	190	900	560	1070
KA-60F	8	282		G1 1/2"	195	900	560	1070
KA-75F	10.5	371		G2"	225	1180	670	1160
KA-100F	13.6	480		G2"	260	1180	670	1160
KA-125F	16.3	575	380/50/3	DN80	305	1180	670	1160
KA-150F	20.3	717		DN80	400	1360	710	1205
KA-180F	24	847		DN80	520	1650	970	1422
KA-220F	27	953		DN80	520	1650	970	1422
KA-250F	32.5	1147		DN80	630	1650	970	1422
KA-300F	40	1412		DN100	750	1810	1090	1700
KA-340F	43.5	1536		DN100	750	1810	1090	1700
KA-420F	55	1942		DN125	850	2000	1200	1800
KA-480F	60	2118		DN125	850	2000	1200	1800

Model	Flow (m ³ /min)	Outlet Size	Size		Filter Core No. (O/P/S/C)
			Width (mm)	Height (mm)	
KA-015	1.5	G1"	95	270	1
KA-024	2.4	G1"	110	340	1
KA-035	3.8	G1 1/2"	110	340	1
KA-060	6.5	G1 1/2"	110	490	1
KA-090	10.7	G2"	160	520	1
KA-120	13.5	G2 1/2"	160	870	1
KA-150	17	G2 1/2"	160	870	1
KA-200	20	G2 1/2"	180	1040	2
KA-240	25	DN80	320	1200	2
KA-300	30	DN80	450	1163	2
KA-360	36	DN100	450	1163	3
KA-450	45	DN100	450	1163	3
KA-600	60	DN125	473	1186	4

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Adsorption Type Dryer

Product Features

- ✔ **High efficiency and long life**

Using high-performance pneumatic valve, reliable performance, sensitive action, fast and reliable switch, long service life.
- ✔ **Stable movement**

The use of large torque aluminum alloy pneumatic actuator, large torque, stable action.
- ✔ **High efficiency adsorbent**

High efficient adsorbents with large specific surface area, strong adsorption capacity and strong wear resistance are used to ensure the stability of dew point and non-pulverization of the adsorbents for a long time.
- ✔ **Full electronic programmable controller**

The use of full electronic programmable controller, easy to understand, easy to operate and maintain.
- ✔ **Low operating noise**

A mute one-way valve and a high-performance muffler are used to ensure that noise is kept to a minimum during operation and exhaust.
- ✔ **Automatic stamping**

Automatic stamping function, automatic stamping before valve switching, so that the cylinder pressure is balanced and switched, ensuring the stability of the cylinder pressure, avoiding the influence of pipeline pressure fluctuation on the adsorbent, and ensuring the service life of the adsorbent.

Product description

The heatless regeneration adsorption dryer is based on pressure swing adsorption. When the water vapor in the mixed component is high partial pressure, the adsorbent adsorbs moisture, and in the low partial pressure of water vapor environment, the adsorbed moisture in the adsorbent is completed. Desorption" and return to the gas phase, the adsorbent thus obtains active regeneration. The low partial pressure desorption air used in the heatless regeneration dryer is taken from part of the product gas output by this machine. The regeneration gas and the product gas are homologous to the heatless regeneration adsorption dryer, which brings great convenience to the structure. Simple, the operation process is also very convenient. In the heatless regeneration process, the desorbed gas is not only the energy necessary for regeneration, but also serves as a truncated body for water vapor discharge. Since pressure swing adsorption is generally regarded as an isothermal process, the heatless regeneration dryer does not need to be equipped with a cooling process. The desorption and regeneration of the adsorbent are completed simultaneously in the heatless regeneration.



MC certified pressure gauges

Adopt the HONGQI pressure gauge certified by the national MC measurement.



Intelligent control interface

The operation of the unit is automatically controlled by a mature control program embedded in a microcomputer control mode, and a variety of modes and functions are selected.



Pneumatic control element

After years of practical experience, the operation life can reach 1 million times, which can guarantee the ultra-long life of the unit for 5 to 10 years.



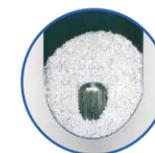
Imported silencer

The imported special muffling filter material can reduce the noise to the minimum and design the safety device with high pressure to ensure the safe operation of the unit.



TSE Dew point energy saving control (optional)

TSE implements dynamic control according to the dry dew point of the outlet, and detects that when the drying tower in the adsorption cycle is not saturated, it will prolong the switching period, which can ensure a stable dew point and minimize the air consumption needed for regeneration. Optional high dew point alarm function.



Gas diffusion device

Stainless steel increased flow design to ensure uniform air flow through the adsorption tower to achieve the highest adsorption efficiency.



Heatless regeneration adsorption dryer is a conventional series of products of Kingair company, which is positioned as stable and durable. Compared with freeze dryer, it can achieve lower dew point, but it will consume a part of compressed air. The design has simple structure and low failure rate.

Operating Conditions And Technical Requirements:

- Rated air inlet pressure: 0.7MPa (0.6MPa ~ 1.0MPa allowed)
- Rated inlet air temperature: 10°C~ 30°C(2°C ~ 40°C is allowed)
- Atmospheric dew point of finished gas: - 40°C~40°C
- Ambient temperature: ≤ 45°C
- Pressure loss: ≤ 0.02MPa
- Regeneration mode: heatless regeneration
- Adsorbent: activated alumina + high efficiency molecular sieve
- Oil content of intake air: < 0.1mg/m³
- Average regeneration gas consumption: 8-14% gas consumption
- Control mode: full electronic programmable time control (dew point control optional)

Model	Volume (Nm ³ /min)	Voltage (V/Hz)	Power (KW)	Inlet/Outlet	Weight (Kg)	Dimension (H×W×D)
KA-D10AC	1.5	220/50	0.68	G1"	48	710*440*680
KA-D20AC	2.5	220/50	0.83	G1"	58	800*440*880
KA-D30AC	3.8	220/50	1.1	G1-1/2"	95	930*500*980
KA-D50AC	6.5	220/50	1.5	G1-1/2"	115	1000*550*1030
KA-D75AC	10.5	220/50	2.2	G2"	160	1150*650*1240
KA-D100AC	13.5	380/50	2.8	G2-1/2"	225	1300*650*1350
KA-D120AC	17.0	380/50	2.8	G2-1/2"	235	1300*650*1350
KA-D150AC	21.5	380/50	5.2	DN80	295	1510*700*1450
KA-D180AC	25.0	380/50	5.2	DN80	345	1510*700*1450
KA-D200AC	28.5	380/50	5.5	DN80	430	1605*850*1550
KA-D250AC	32.0	380/50	6.2	DN80	450	1605*850*1550
KA-D300AC	37.0	380/50	7.8	DN100	550	1750*850*1700
KA-D350AC	41.5	380/50	7.8	DN100	600	1750*850*1700
KA-D400AC	45.0	380/50	10.5	DN100	630	1850*950*1830
KA-D450AC	50.0	380/50	10.5	DN100	680	1850*950*1830
KA-D500AC	55.0	380/50	11.7	DN125	780	1850*950*2020
KA-D550AC	60.0	380/50	11.7	DN125	830	1850*950*2020
KA-D600AC	65.0	380/50	11.9	DN125	1000	1820*1330*2250
KA-D700AC	75.0	380/50	13.9	DN125	1150	1850*1395*2390
KA-D800AC	85.0	380/50	14.4	DN125	1350	1860*1420*2400
KA-D900AC	95.0	380/50	16.7	DN150	1500	1900*1400*2450
KA-D1100AC	110.0	380/50	18.3	DN150	1600	1980*1500*2450

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Internet of Things

8 Functions
of Internet of Things
Detection System

 Remote Monitoring	 Maintenance Prompts	 Intelligent Files	 Seamless Docking
 Data Analysis	 Energy Consumption Management	 Remote Alarms	 Evaluation Feedback

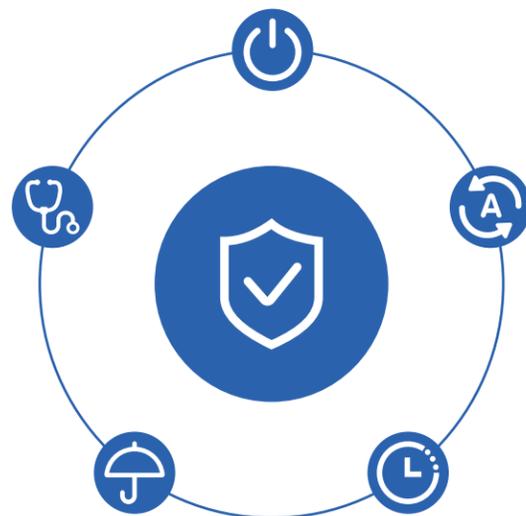


Microcomputer Intelligent Controller

Through big data's collection, you can enjoy a pleasant operation experience on the client side.

The display data of the compressed air system can be viewed only through Internet browsers, computers and mobile phones.

Overload Shutdown Protection



Automatic Fault Diagnosis

No-Load Automatic Shutdown

High Temperature Shutdown Protection

Parking Delay Protection

Air Compressor Station

