KINGAIR

KINGAIR

High efficiency Energy saving Reliability Environmental protection

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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.

ConserveEnergy 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

Company Profile

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

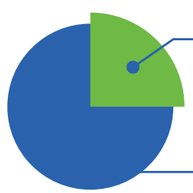
If you're struggling with which air compressor to choose

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.



Power consumption of air compressor equipment is

25%

Overall electricity consumption of the factory

Gas energy saving
20%~29%

Differential Pressure saving
7%-10%

Pipeline energy saving
6%~10%

Comprehensive energy saving of products
30%

Core Technology

INNOVATE 12 MAJOR
CORE TECHNOLOGIES

Longer life span

Imported main engine, 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 electric-ity 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 leaves the factory full of compressor oil, installed in place to turn on 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

Patiently 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 ℃ 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.

Technical Parameters of Permanent Magnet Frequency Conversion Screw Machine For Laser Cutting

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.

Single-stage Permanent Magnet Variable Frequency Screw Air Compressor

KAPM Series

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.

Technical Parameters of Single-stage Permanent Magnet Variable Frequency Screw Air Compressor

Model	Power (KW)	Pressure (MPa)	Volume flow (m^3/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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Double-stage Permanent Magnet Variable Frequency Screw Air Compressor

KAT Series

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 main engine 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.

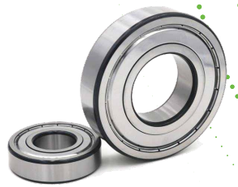
4、Possible constant torque output within scope of locked rotator and rated rotating speed.

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

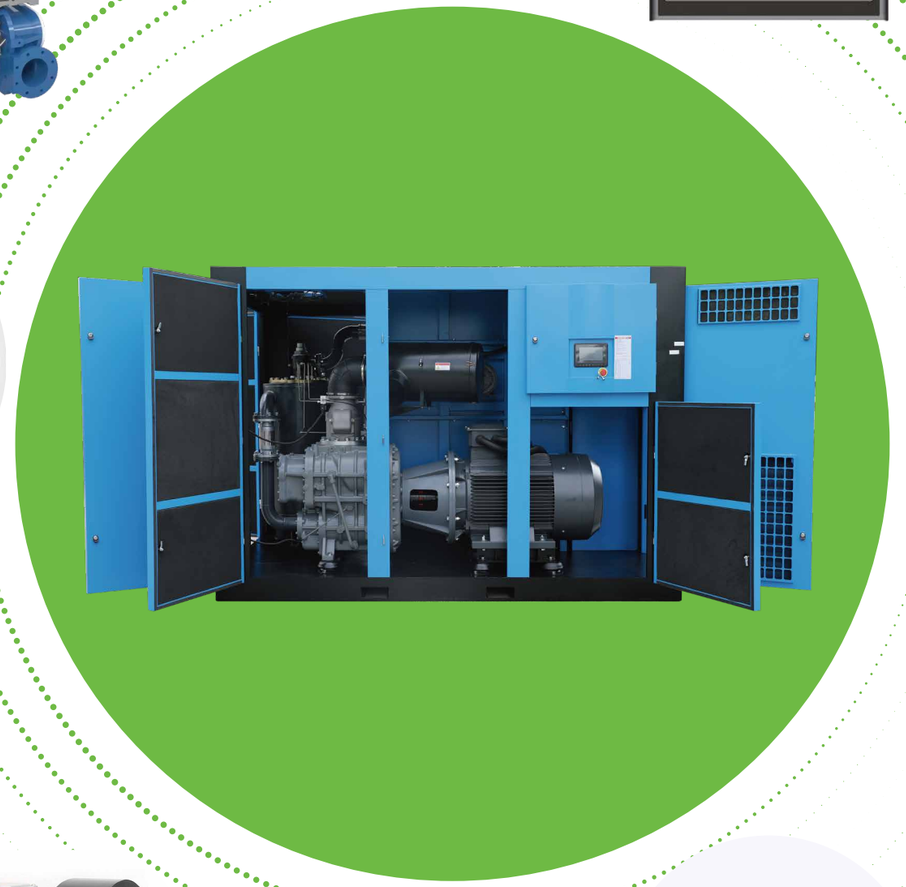
SKF-bearing



Compared with other brand bearings, SKF bearing has good wear resistance, excellent fatigue resistance, strong corrosion resistance and comfort-able 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.

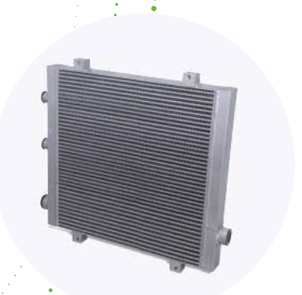
5、It is set with internal calendar with accurate travel time for a long term and it can be modified.

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℃.

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 compact-ness and longer service life.

Technical Parameters of Double-Stage Compression Permanent Magnet Frequency Conversion Air Compressor

Model	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			

Technical Parameters of Double-Stage Compression Permanent Magnet Frequency Conversion Air Compressor

Model	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			

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Low-voltage Single-stage Permanent Magnet Variable Frequency Screw Air Compressor

KAL Series

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, air oil content Xiao Yu 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.

Technical Parameters of Low-Voltage Single Stage Compression Permanent Magnet Variable Frequency Air Compressor

Model	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	G1	420	1350×850×1110
KAL-30PMD	22	0.2	7.6	G2 1/2	800	1500×1200×1550
		0.3	6.5			
		0.4	5.5	G1 1/2	600	1500×1000×1350
		0.5	4.4	G1	450	1350×850×1110
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			
		0.4	9.0	G2 1/2	1500	2100×1440×1650
		0.5	8.0	G2 1/2	1250	1700×1210×1550
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	G2 1/2	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	G2 1/2	1650	2100×1440×1650
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	
		0.5	16.5	G2 1/2	1550	2100×1440×1650
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	DN80	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	DN100	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	DN100	4000	

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Low-voltage Double-stage Permanent Magnet VariableFrequency Screw Air Compressor

KATL Series

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 ≤ 2ppm.
- 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

Independent oil pump forced lubrication is adopted;

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

Technical Parameters Of Low-voltage Double-stage Permanent Magnet Variable Frequency Screw Air Compressor

Model	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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Water lubricated oil-free screw compressor

KAW Series

Product Introduction

Screw main engine

The optimized water-lubricated screw engine adopts PEEK door rotor, aerospace grade stainless steel rotor and new production technology.

Less consumables

The oil-free system can realize non-stop water change according to the set water change cycle, which reduces the daily maintenance cost and makes it easier to use.

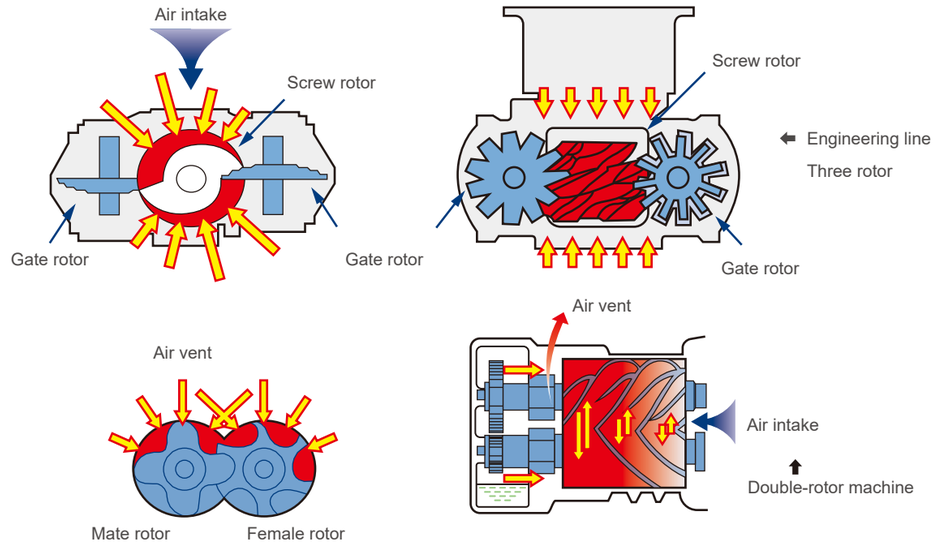
Less energy consumption

Isothermal compression, higher volume efficiency, more than 15% energy saving than two-stage compression dry oil-free screw compressor.

Cloud network support

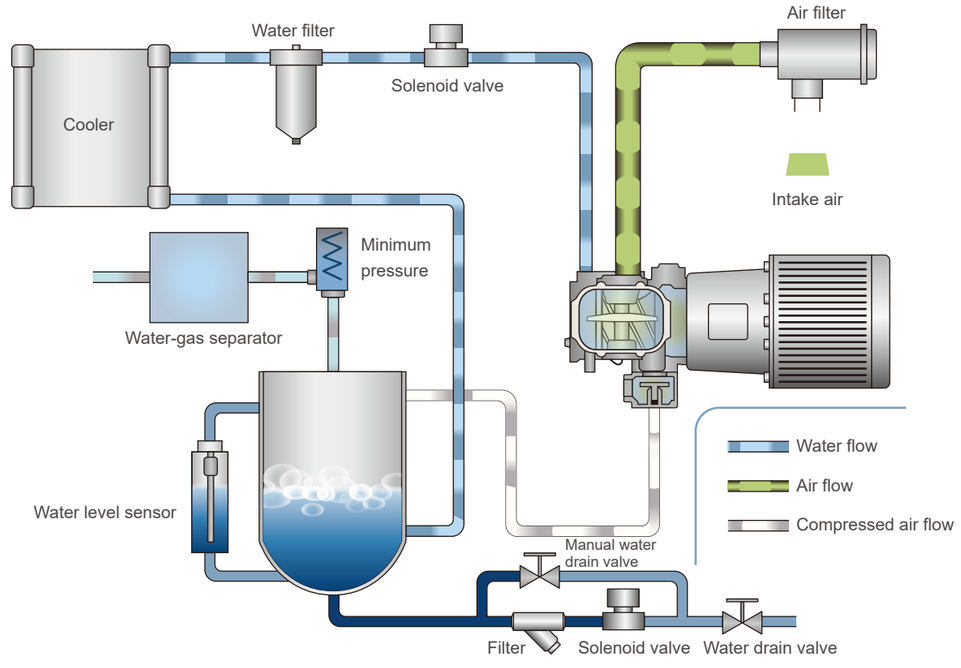
Network "housekeeper" supervision function, 24-hour wireless interconnection monitoring, multi-machine remote control, to achieve operation, maintenance, maintenance remote early warning.

Perfect mechanical equilibrium deduction



Super concise system flow

The system is simple, the parts are reduced, the point of failure is reduced, and the reliability is improved;



Optimized water lubricatedscrew main engine

KINGAIR water-lubricated screw mainframe adopts: PEEK (ultra-high strength, super wear-re-sistant molecular material) door rotor, aerospace grade all stainless steel rotor and brand-new production process, demanding perfection.

Super water purification system (optional)

KINGAIR super water purification system: imported water filter, imported reverse osmosis system, which can provide a stable and qualified lubrication water treatment system for the compressor.

Less maintenance consumables

Air filter element, nanometer water filter element.

KINGAIR water-lubricated oil-free system can automatically change water without stopping according to the set water change cycle, which can save customers' worry.

NOTE: For any special water quality, please consult our company.

Strong cloud network support (optional):

KINGAIR cloud network "housekeeper" supervision function:

01

It can realize 24-hour network wireless interconnec-tion monitoring, pay attention to the running status and parameters of your compressor at any time, and protect your compression use;

02

The remote joint control of multi-machine can be realized;

03

Achieve remote fault early warning, shutdown alarm, agents and manufacturers and customers can know the operation of the air compressor at the first time, the most timely initial response, to the maximum extent to ensure the normal production of customers;

04

Be able to remind agents of normal maintenance and maintenance in a remote and timely manner;

05

These functions can be alerted through mobile phone text messages or computers.

Technical Parameters Of Water Lubricated Oil-free Screw Compressor

Model	Maxinmum work pressure Mpa	ADD m^3/min	Motor power kw	noise dB	Pipe diameters oA Cooling waterinlet and outlet	Quantity oA cooling water Water entering32℃ T/H	Lubricating water L	dimension LxWxH mm	weight kg	Air outlet
KAW-11A	0.8	1.65	11	60	1”	2.5	26	1200x760x1300	580	3/4”
	1.0	1.42								
	1.25	1.10								
KAW-15A	0.8	2.43	15	63	1”	3.5	26	1200x760x1300	620	3/4”
	1.0	2.17								
	1.25	1.80								
KAW-18A	0.8	3.13	18.5	65	1”	4	30	1400x900x1450	680	1”
	1.0	2.82								
	1.25	2.05								
KAW-22A	0.8	3.52	22	65	1”	5	30	1400x900x1450	730	1”
	1.0	3.21								
	1.25	2.78								
KAW-30A	0.8	5.12	30	67	1 1/2”	7	40	1550x1150x1500(A) 1500x1150x1300(W)	1100	1 1/4”
	1.0	4.43								
	1.25	3.63								
KAW-37A	0.8	6.30	37	67	1 1/2”	9	40	1550x1150x1500(A) 1500x1150x1300(W)	1150	1 1/4”
	1.0	5.33								
	1.25	4.77								
KAW-45A	0.8	7.4	45	68	1 1/2”	10	90	1800x1300x1750(A) 1800x1300x1680(W)	1390	2”
	1.0	6.30								
	1.25	5.56								
KAW-55A	0.8	9.6	55	70	1 1/2”	12	100	1980x1300x1750(A) 1800x1300x1680(W)	1470	2”
	1.0	8.55								
	1.25	7.67								
KAW-75A	0.8	13.00	75	73	1 1/2”	18	100	1800x1300x1750(W)	1630	2”
	1.0	11.50								
	1.25	9.70								
KAW-90A	0.8	14.8	90	73	1 1/2”	20	120	2200x1550x1800	2350	2 1/2”
	1.0	13.90								
	1.25	12.60								
KAW-110A	0.8	19.85	110	78	2”	24	120	2200x1550x1800	2460	2 1/2”
	1.0	16.66								
	1.25	15.56								
KAW-132A	0.8	23.10	132	78	2”	30	120	2200x1550x1800	2500	2 1/2”
	1.0	19.97								
	1.25	16.90								
KAW-160A	0.8	28.11	160	80	3”	35	160	3000x1800x2100	3700	3”
	1.0	25.45								
	1.25	22.52								
KAW-185A	0.8	33.97	185	80	3”	38	160	3000x1800x2100	3750	3”
	1.0	29.00								
	1.25	25.21								
KAW-200A	0.8	36.75	200	80	4”	42	200	3100x1850x2100	3900	4”
	1.0	32.78								
	1.25	29.24								
KAW-220A	0.8	39.67	220	80	4”	47	200	3100x1850x2100	4200	4”
	1.0	36.75								
	1.25	29.63								
KAW-250A	0.8	43.5	250	80	4”	53	200	3100x1850x2100	4600	4”
	1.0	39.30								
	1.25	34								

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Dry oil-free power frequency screw air compressor

KAW-G series

Product Introduction

Power Frequency Screw Air Compressor adopts high efficiency main engine

The power frequency screw air compressor adopts the leading screw host in the industry, with high efficiency and low speed, and the rotor adopts the third generation tooth profile and the world's leading excellent profile design; it has the characteristics of mute, energy saving, stability, high reliability and long service life.

Screw Air Compressor Motor

It adopts special motor for low speed screw air compressor with high stability. It is 3-5% more efficient than similar products.

The direct connection structure has no transmission loss, 100% transmission efficiency, low maintenance cost, convenient disassembly, and greatly saves downtime.

The coaxial integrated structure does not have any transmission loss, reduces vulnerable parts, and the transmission efficiency is 100%.

Power Frequency Screw Air Compressor Fan

It uses low-speed fan and has a long life. Cooler and fan can be disassembled independently, 20% cooling margin, it can adapt to 50 ℃ ambient temperature.

Intelligent Control System

Power Frequency Screw Air Compressor can be equipped with Dongze energy-saving air compressor energy-saving drive all-in-one machine (saving electrical appliances) to achieve intelligent control, ensure the automatic intelligent operation of the machine, detect exhaust pressure, temperature and other on-site data, and can realize intelligent unloading and shutdown energy saving according to gas consumption.

Technical Parameters Of Dry Oil-free Power Frequency Screw Air Compressor

KAW-G Dry oil free series	Working pressure		Capacity		Power		Noise	Air outlet pipe diameter	Net weight(kg)		Dimensions(mm)					
											Length	Width	Height	Length	Width	Height
											Air-cooled			Water-cooled		
	bar	psig	(m^3/min)	cfm	kW	hp	dB		Air-cooled	Water-cooled						
KAW-45G	7	102	8	268	45	60	69±3	DN50	2600	2650	2200	1400	2000	2300	1500	1720
	8	116	8	268	45	60	69±3	DN50	2600	2650	2200	1400	2000	2300	1500	1720
	10	145	7	244	45	60	69±3	DN50	2600	2650	2200	1400	2000	2300	1500	1720
KAW-55G	7	102	10	339	55	75	69±3	DN50	2800	2850	2200	1400	2000	2300	1500	1720
	8	116	9	314	55	75	69±3	DN50	2800	2850	2200	1400	2000	2300	1500	1720
	10	145	8	279	55	75	69±3	DN50	2800	2850	2200	1400	2000	2300	1500	1720
KAW-75G	7	102	13	441	75	100	70±3	DN50	2900	2850	2200	1400	2000	2300	1500	1720
	8	116	13	441	75	100	70±3	DN50	2900	2850	2200	1400	2000	2300	1500	1720
	10	145	11	396	75	100	70±3	DN50	2900	2850	2200	1400	2000	2300	1500	1720
KAW-90G	7	102	16	565	90	120	71±3	DN50	3100	2850	2200	1400	2000	2300	1500	1720
	8	116	15	512	90	120	71±3	DN50	3100	2850	2200	1400	2000	2300	1500	1720
	10	145	13	456	90	120	71±3	DN50	3100	2850	2200	1400	2000	2300	1500	1720
KAW-110G	7	102	20	689	110	150	71±3	DN65	3400	3450	3000	1990	2180	2700	1800	1830
	8	116	20	689	110	150	71±3	DN65	3400	3450	3000	1990	2180	2700	1800	1830
	10	145	16	572	110	150	71±3	DN65	3400	3450	3000	1990	2180	2700	1800	1830
KAW-132G	7	102	23	812	132	175	73±3	DN65	3450	3500	3000	1990	2180	2700	1800	1830
	8	116	23	812	132	175	73±3	DN65	3450	3500	3000	1990	2180	2700	1800	1830
	10	145	20	706	132	175	73±3	DN65	3450	3500	3000	1990	2180	2700	1800	1830
KAW-160G	7	102	26	918	160	215	73±3	DN65	3550	3650	3000	1990	2180	2700	1800	1830
	8	116	26	918	160	215	73±3	DN65	3550	3650	3000	1990	2180	2700	1800	1830
	10	145	24	830	160	215	73±3	DN65	3550	3650	3000	1990	2180	2700	1800	1830
KAW-185G	7	102	30	1059	185	250	74±3	DN65	3950	4050	3000	1990	2180	2700	1800	1830
	8	116	30	1059	185	250	74±3	DN65	3950	4050	3000	1990	2180	2700	1800	1830
	10	145	26	918	185	250	74±3	DN65	3950	4050	3000	1990	2180	2700	1800	1830
KAW-200G	7	102	34	1187	200	270	74±3	DN100	/	4500	/	/	/	3100	2100	2065
	8	116	34	1187	200	270	74±3	DN100	/	4500	/	/	/	3100	2100	2065
	10	145	29	1031	200	270	74±3	DN100	/	4500	/	/	/	3100	2100	2065
KAW-250G	7	102	46	1624	250	350	74±3	DN100	/	5200	/	/	/	3100	2100	2065
	8	116	42	1483	250	350	74±3	DN100	/	5200	/	/	/	3100	2100	2065
	10	145	38	1328	250	350	74±3	DN100	/	5200	/	/	/	3100	2100	2065

Technical Parameters Of Dry Oil-free Permanent Magnet Frequency Conversion Screw Air Compressor

KAW-G Dry oil free series	Working pressure		Capacity		Power		Noise	Air outlet pipe diameter	Net weight(kg)		Dimensions(mm)					
											Length	Width	Height	Length	Width	Height
											Air-cooled			Water-cooled		
	bar	psig	(m^3/min)	cfm	kW	hp	dB		Air-cooled	Water-cooled						
KAWV-45G	7	102	4.4-7.6	155.3-268.4	45	60	69±3	DN50	2650	2700	2200	1400	2000	2300	1500	1720
	8	116	4.4-7.6	155.3-268.4	45	60	69±3	DN50	2650	2700	2200	1400	2000	2300	1500	1720
	10	145	3.9-6.9	137.7-243.7	45	60	69±3	DN50	2650	2700	2200	1400	2000	2300	1500	1720
KAWV-55G	7	102	5.6-9.6	197.7-339	55	75	69±3	DN50	2850	2900	2200	1400	2000	2300	1500	1720
	8	116	5.1-8.9	180.1-314.3	55	75	69±3	DN50	2850	2900	2200	1400	2000	2300	1500	1720
	10	145	4.5-7.9	158.9-278.9	55	75	69±3	DN50	2850	2900	2200	1400	2000	2300	1500	1720
KAWV-75G	7	102	7.3-12.5	257.8-441.4	75	100	70±3	DN50	2950	2950	2200	1400	2000	2300	1500	1720
	8	116	7.3-12.5	257.8-441.4	75	100	70±3	DN50	2950	2950	2200	1400	2000	2300	1500	1720
	10	145	6.5-11.2	229.5-395.5	75	100	70±3	DN50	2950	2950	2200	1400	2000	2300	1500	1720
KAWV-90G	7	102	9.4-16.0	332-565	90	120	71±3	DN50	3100	2850	2200	1400	2000	2300	1500	1720
	8	116	8.5-14.5	300.1-512.1	90	120	71±3	DN50	3100	2850	2200	1400	2000	2300	1500	1720
	10	145	7.5-12.9	264.9-455.6	90	120	71±3	DN50	3100	2850	2200	1400	2000	2300	1500	1720
KAWV-110G	7	102	11.5-19.5	406.1-688.6	110	150	71±3	DN65	3500	3550	3000	1990	2180	2700	1800	1830
	8	116	11.5-19.5	406.1-688.6	110	150	71±3	DN65	3500	3550	3000	1990	2180	2700	1800	1830
	10	145	9.5-16.2	335.5-572.1	110	150	71±3	DN65	3500	3550	3000	1990	2180	2700	1800	1830
KAWV-132G	7	102	13.6-23.0	480.3-812.3	132	175	73±3	DN65	3550	3600	3000	1990	2180	2700	1800	1830
	8	116	13.6-23.0	480.3-812.3	132	175	73±3	DN65	3550	3600	3000	1990	2180	2700	1800	1830
	10	145	11.8-20.0	416.7-706.3	132	175	73±3	DN65	3550	3600	3000	1990	2180	2700	1800	1830
KAWV-160G	7	102	15.4-26.0	543.8-918.2	160	215	73±3	DN65	3650	3750	3000	1990	2180	2700	1800	1830
	8	116	15.4-26.0	543.8-918.2	160	215	73±3	DN65	3650	3750	3000	1990	2180	2700	1800	1830
	10	145	13.9-23.5	490.9-829.9	160	215	73±3	DN65	3650	3750	3000	1990	2180	2700	1800	1830
KAWV-185G	7	102	17.8-30.0	628.6-1059.4	185	250	74±3	DN65	4100	4200	3000	1990	2180	2700	1800	1830
	8	116	17.8-30.0	628.6-1059.4	185	250	74±3	DN65	4100	4200	3000	1990	2180	2700	1800	1830
	10	145	15.4-26.0	543.8-918.2	185	250	74±3	DN65	4100	4200	3000	1990	2180	2700	1800	1830
KAWV-200G	7	102	20.0-33.6	706.3-1186.6	200	270	74±3	DN100	/	4500	/	/	/	3100	2100	2065
	8	116	20.0-33.6	706.3-1186.6	200	270	74±3	DN100	/	4500	/	/	/	3100	2100	2065
	10	145	17.3-29.2	610.9-1031.2	200	270	74±3	DN100	/	4500	/	/	/	3100	2100	2065
KAWV-250G	7	102	27.4-46.0	967.6-1624.5	250	350	74±3	DN100	/	5200	/	/	/	3100	2100	2065
	8	116	25.0-42.0	882.9-1483.2	250	350	74±3	DN100	/	5200	/	/	/	3100	2100	2065
	10	145	22.4-37.6	791-1327.8	250	350	74±3	DN100	/	5200	/	/	/	3100	2100	2065

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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.

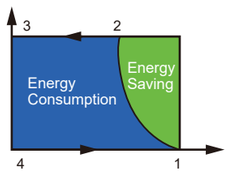
Better performance

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.

Technical Parameters of Oil-Free Screw Blower

Model	Power (KW)	Pressure (MPa)	Volume flow (m^3/min)	Pipe Diameter	Weight (kg)	Dimension (mm)
KA-7.5BPM	5.5	0.4/40	4.0	DN150	700	1400×1100×1360
		0.6/60	3.2			
KA-10BPM	7.5	0.4/40	6.4	DN150	750	1400×1100×1360
		0.6/60	4.6			
		0.8/80	3.5			
KA-15BPM	11	0.4/40	9.0	DN150	800	1400×1100×1360
		0.6/60	7.5			
		0.8/80	6.0			
		1.0/100	4.8			
		1.2/120	4.0			
		1.5/150	2.8			
KA-20BPM	15	0.4/40	13.6	DN150	1200	2200×1250×1900
		0.6/60	10.5	DN150	800	1400×1100×1360
		0.8/80	8.3			
		1.0/100	6.7			
		1.2/120	5.8			
		1.5/150	4.5			
KA-25BPM	18.5	0.4/40	16.2	DN150	1250	2200×1250×1900
		0.6/60	13.1			
		0.8/80	10.3	DN150	800	1400×1100×1360
		1.0/100	9.2			
		1.2/120	7.5			
		1.5/150	6.0			
KA-30BPM	22	0.4/40	22.0	DN150	1250	2200×1250×1900
		0.5/50	19.0			
		0.6/60	16.0			
		0.7/70	14.5			
		0.8/80	13.0			
		1.0/100	9.5	DN150	850	1400×1100×1360
		1.2/120	8.8			
		1.5/150	7.0			
KA-40BPM	30 160M	0.4/40	29.0	DN200	1750	2700×1400×1900
		0.6/60	26.0	DN150	1250	2200×1250×1900
		0.7/70	23.5			
		0.8/80	21.5			
		1.0/100	15.8			
		1.2/120	12.5			
		1.7/170	7.5	DN150	800	1400×1100×1360
KA-50BPM	37kW 180M	0.4/40	38.0	DN200	1750	2700×1400×1900
		0.5/50	35.0			
		0.6/60	32.0			
		0.8/80	26.0	DN150	1250	2200×1250×1900
		1.0/100	21.5			
		1.2/120	15.5			
		1.5/150	12.5			
KA-60BPM	45kW	0.4/40	44.0	DN200	1750	2700×1400×1900
		0.5/50	42.0			
		0.6/60	38.0			
		0.8/80	33.5			
		1.0/100	26.0	DN150	1300	2200×1250×1900
		1.2/120	21.0			
		1.5/150	15.5			
		1.7/170	12.7			
KA-75BPM	55kW	0.4/40	55.0	DN200	1800	2700×1400×1900
		0.6/60	48.0			
		0.7/70	44.0			
		0.8/80	41.5			
		1.0/100	35.0		1750	
		1.2/120	31.0			
		1.5/150	21.0	DN150	1350	2200×1250×1900
		1.8/180	16.5			
		2.0/200	14.5			
KA-100BPM	75kW 225S/M	0.4/40	78.0	DN250	2200	3100×1500×2150
		0.6/60	68.0			
		0.7/70	61.0			
		0.8/80	55.0	DN200	1800	2700×1400×1900
		0.9/90	51.0			
		1.0/100	47.0			
		1.2/120	42.5			
		1.5/150	34.0		1750	
		1.8/180	27.0			
		2.0/200	24.5	DN150	1400	2200×1250×1900

Technical Parameters of Oil-Free Screw Blower

Model	Power (KW)	Pressure (MPa)	Volume flow (m^3/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			
		1.2/120	71.0	DN250	2300	3100×1500×2150
		1.5/150	58.0			
		1.8/180	48.0	DN200	1900	2700×1400×1900
		2.0/200	44.0			
KA-220BPM	160	0.4/40	180.0	DN300	3500	3600×2100×2350
		0.6/60	130.0			
		0.8/80	111.0	DN300	2750	3300×1750×2350
		1.0/100	101.0			
		1.1/110	89.0			
		1.2/120	80.0			
		1.5/150	70.0	DN250	2300	3100×1500×2150
KA-250BPM	185	0.4/40	203.0	DN300	3500	3600×2100×2350
		0.6/60	154.0			
		0.8/80	129.0			
		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			
KA-270BPM	200	0.4/40	212.0	DN300	3600	3600×2100×2350
		0.6/60	177.0			
		0.8/80	144.0			
		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			
KA-300BPM	220	0.6/60	196.0	DN300	3600	3600×2100×2350
		0.8/80	159.0			
		1.0/100	127.0			
		1.5/150	100.0	DN300	2800	3300×1750×2350
		1.8/180	86.0			
		2.0/200	73.0			
KA-350BPM	250	0.6/60	220.0	DN300	3800	3600×2100×2350
		0.8/80	182.0			
		1.0/100	150.0			
		1.2/120	125.0			
		1.5/150	109.0	DN300	2700	3300×1750×2350
		1.8/180	95.0			
		2.0/200	85.0			
KA-380BPM	280	0.8/80	206.0	DN300	3900	3600×2100×2350
		1.0/100	178.0			
		1.1/110	162.0			
		1.2/120	148.0			
KA-420BPM	315	1.0/100	195.0	DN300	4000	3600×2100×2350
		1.2/120	170.0			
		1.5/150	130.0			
KA-480BPM	355	1.2/120	192.0	DN300	4100	3600×2100×2350
		1.5/150	160.0			
KA-540BPM	400	1.5/150	188.0	DN300	4200	3600×2100×2350

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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 worry 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.

Technical Parameters of Screw Vacuum Pump

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	Height(mm)	900	1150	1150	1350	1350	1350
	Width (mm)	650	750	750	850	850	850
	Length(mm)	860	960	960	1110	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	Height(mm)	1500	1500	1700	1700	2100	2250	2250
	Width (mm)	1000	1000	1210	1210	1400	1510	1510
	Length(mm)	1350	1350	1550	1550	1650	1850	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	Height(mm)	3250	3250	3550	3760	3760	4300
	Width (mm)	2100	2100	2300	2260	2260	2300
	Length(mm)	2200	2200	2300	2200	2200	2430

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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

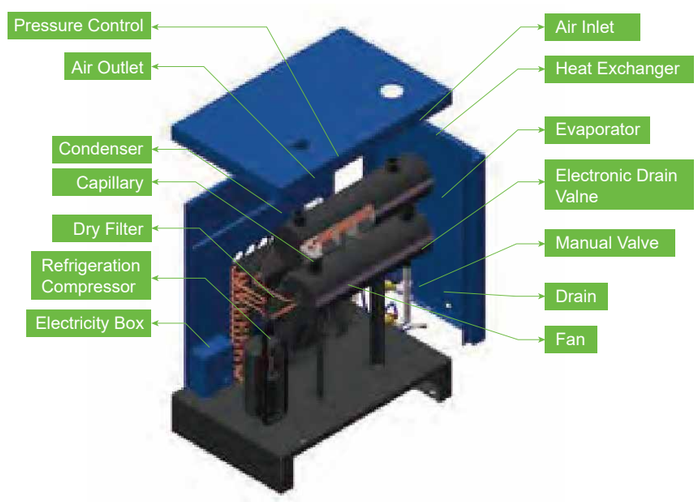
Well-known brand compressors have high refrigeration efficiency, copper tube heat exchangers, evaporators and condensers have been treated with anti-corrosion and have a long service life.

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



Technical Parameters Of Intelligent Refrigerated Compressed Air Dryer

Model	Flow Capacity		Power	Outlet	Weight (kg)	Size		
	(m^3/min)	Cfm	(V/Hz/Ph)	Diameter		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	Outlet Size	Size		Filter Core No.
	(m^3/min)		Width (mm)	Height (mm)	(O/P/S/C)
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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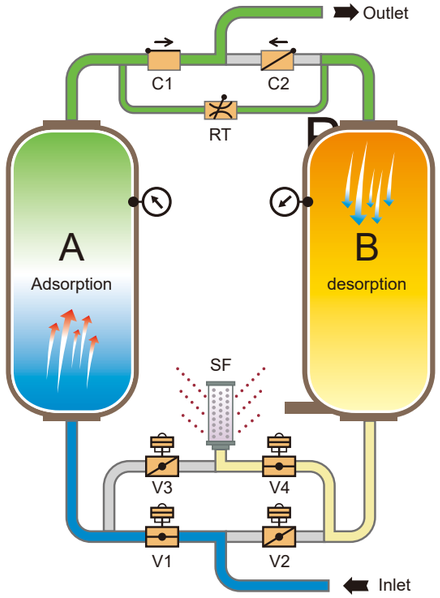
Adsorption Type Dryer



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

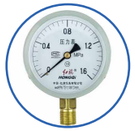
A mute one-way valve and a high-performance muffler are used to ensure that noise is kept to a minimum during operation and exhaust.

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.

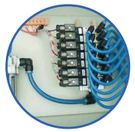


Mc certified pressure gauges

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

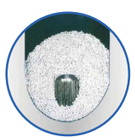
After years of practical experience, the operation life can reach 1 million times, which can guarantee the ultra-long life of the unit for 5 to 10 years.

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 ispositioned as stable and durable. Compared with freeze dryer, it can achieve lower dew point, but it will consumea 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: - 40C~40C
·Ambient temperature: ≤ 45C
·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)

Technical Parameters

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

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

Internet of Things

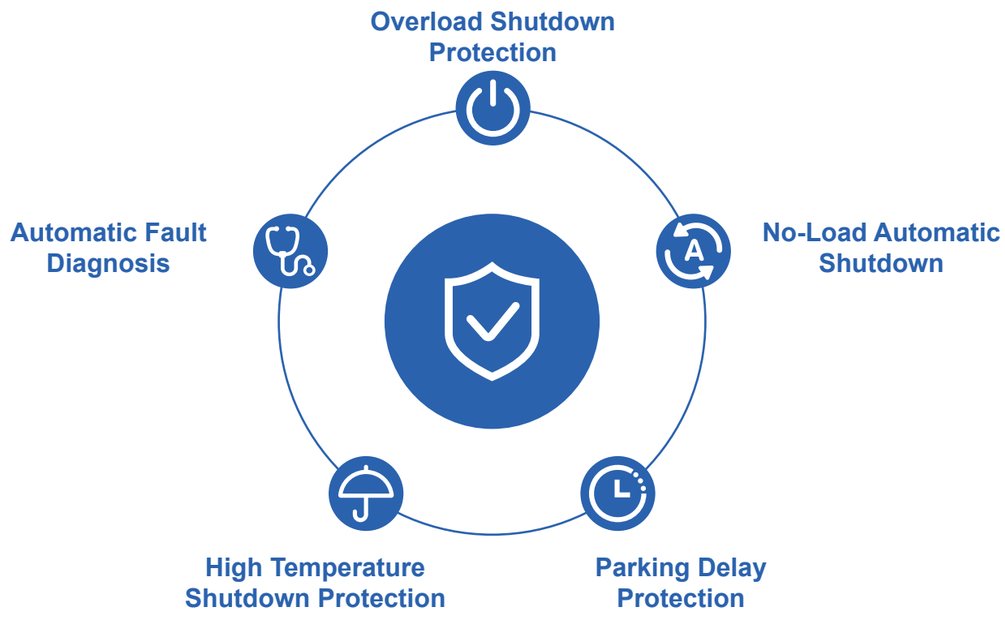
8 Functions of Internet of Things Detection System

- 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.



Air Compressor Station

Line Filter

Dryer

Line Filter

General purpose

Pneumatic tools, control valves, instruments, precision sandblasting

Substitute for "oil-free" compressor

Precision industry, Instrument, Textile, Chemical fiber technology, Electronics industry, General painting

Line Filter

Screw Air Compressor

Oil-free and odor-free treatment

Hospitals, Breathing, Transport pharmaceuticals, Agitation Sterile packaging, Food industry

Line Filter

Ultra-Low dew point treatment

Chemical Analysis, Laboratory, Food, Respiratory Superdryers, Brewing Industry, High Voltage Insulation, Powder Storage, Inner Optical Lens, Microelectronics Chip Manufacturing, Electrostatic Coating

Line Filter

Adsorption Air Dryer

Line Filter