



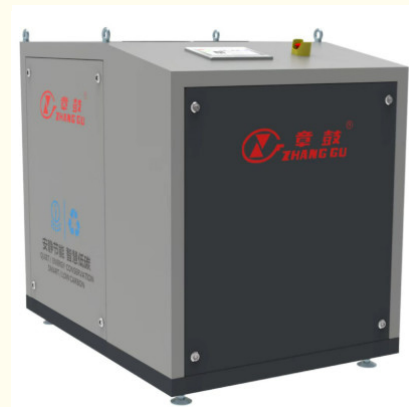
## High-Performance Suspension Centrifugal Blower The Perfect Choice for Your Business

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Aipu
- Certification: CE CCC SABS TUV RoHS
- Model Number: ZGK22
- Price: Negotiable
- Packaging Details: Standard Export Package
- Delivery Time: 6-8 workdays



### Product Specification

- Application: Industrial
- Outlet Diameter: DN150-DN300 Mm
- Power Source: Electric
- Dimensions: 1300x800x1230 Mm
- Flow Range: 5-500m<sup>3</sup>/min
- Boost: 5-10Kpa
- Frequency Conversion: Yes

## Product Description

### Product Description:

Foil Bearing High-speed Centrifugal Blowers is a high-efficiency, energy-saving, green and environmentally friendly product, its mechanical structure is simple, the moving parts are few, the control robustness is good, and the maintenance is convenient. It adopts automotive-grade oil-free and high-reliability dynamic pressure foil bearing, which has no friction and small mechanical loss during operation. Using advanced permanent magnet synchronous motor technology, the maximum speed can reach 95000rpm, and it only takes 5s to run at full speed. The motor efficiency is as high as 97%, which meets the two-stage energy efficiency standard.

The high-efficiency ternary flow impeller used in the Foil Bearing High-speed Centrifugal Blowers breaks through the key technology of low specific speed design and has high efficiency. The integrated special design of the main engine makes the noise less than 75dB(A) and the vibration less than 12μm. It adopts stepless adjustment, and the blower can start and stop quickly, and the number of continuous starts and stops exceeds 200,000 times.

### Foil Bearing Technology

Foil bearing has physical contact between the rotor and the bearing before starting, the relative movement of the rotor and the bearing generates air pressure when starting, when the rotor rotates, the speed of the air around the rotor can be converted into pressure energy, and the air pressure makes the rotor float when the rotor reaches a certain rotation speed and plays a lubricating role. Foil bearing technology effectively solves the problems of low efficiency, short life, and the need for regular maintenance and lubrication of the traditional mechanical support transmission system.



### Features:

**Product Name:** Suspension Centrifugal Blower

**Motor Type:** Permanent Magnet

**Noise Level:** ≤85 DB(A)

**Weight:** 310 Kg

**Oil Filling Volume:** No oil

**Dimensions:** 1300x800x1230 Mm

**Other Names:** Air suspension centrifugal blower, air suspension fan, suspension high-speed centrifugal blower, air suspension blower

### Technical Parameters:

Air Flow (m/min):1atm,20°C,65%RH, density=12kg/m3, Tolerance=+5%															
model number	Outlet pressure (bar)									power	Weight	Outlet calibre	Dimension (mm)		
	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	1.2	kw	kg	PN1.0 MPa	elder	width	height
	Inlet Flow(m³/min)														
ZGK15	24	17	14	13	10	/	/	/	/	15	300	DN150	1300	800	1230
ZGK22	36	29	24	21	18	16	/	/	/	22	310				
ZGK30	49	39	33	28	25	22	/	/	/	30	330				
ZGK37	62	48	41	35	31	28	25	22	19	37	350				
ZGK45	78	62	51	45	31	34	32	28	23	45	550	DN200	1500	1100	1580
ZGK55	94	76	60	54	47	40	38	34	28	55	630				
ZGK75	124	95	76	69	63	55	49	45	37	75	650				

ZGK90	157	120	95	86	79	69	62	56	46	90	830	DN300	1500	1100	1580
ZGK110	190	150	115	104	93	85	72	67	57	11	880				
ZGK132	221	170	136	122	108	99	86	79	67	132	930				
ZGK150	252	190	156	140	122	112	9	90	77	150	1450	DN300	1800	1500	2080
ZGK185	314	230	190	171	155	136	124	112	91	185	1720				
ZGK225	380	290	228	208	183	164	145	132	111	225	2140	DN400	2300	1700	2140
ZGK300	504	378	312	276	243	220	198	181	150	300	2320				

When the atmospheric conditions and medium are varied, the relative performance conversion calculation will be different, we can redesigned in accordance with the requirement of users to adapt to different working conditions. There are two cooling methods for air suspension centrifugal blower: self-circulating water cooling and forced air cooling. If you have special requirements on the cooling mode, please tell us in advance.



### Applications:

It is suitable for sewage treatment industry, petrochemical industry, food and drug industry, textile industry, metallurgy industry, cement and construction materials industry, printing and dyeing industry and other industries.

### Market Distribution

We have 42 offices throughout the country, in addition to Taiwan Province, 33 provinces in the country's administrative regions have a sound sales and service network. We can provide you with pre-sale, in-sale and after-sales service in a timely and convenient manner, understand your needs, and constantly improve the service and quality system while meeting the customized needs of customers.

### Support and Services:

The Suspension Centrifugal Blower product comes with comprehensive technical support and services to ensure its optimal performance and longevity. Our technical support team is available to assist with any installation, operation, or maintenance questions or issues that may arise.

We also offer proactive maintenance services to keep your blower operating at peak efficiency and minimize downtime. This includes regular inspections, cleaning, and part replacements as needed.

In addition, our team can provide training and education on proper operation and maintenance to help you get the most out of your investment.

Our goal is to provide you with reliable and efficient vacuum pump solutions, and our technical support and services are an integral part of achieving that goal.

### Packing and Shipping:

#### Product Packaging:

The Suspension Centrifugal Blower is packaged in a sturdy wooden case to ensure safe and secure transportation. The blower is also wrapped in plastic and foam for added protection against any potential damage during shipping.

#### Shipping:

We offer worldwide shipping for our Suspension Centrifugal Blower. The shipping cost will depend on the destination and the weight of the package. We use reliable and efficient shipping carriers to ensure timely delivery of the product to our customers.

### FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is Aipu.

Q: Where is this product made?

A: This product is made in China.

Q: What certifications does this product have?

A: This product has CE, CCC, SABS, TUV, and RoHS certifications.

Q: Is the price negotiable?

A: Yes, the price of this product is negotiable.

Q: How is this product packaged and delivered?

A: This product is packaged in a standard export package and delivery time is 6-8 workdays.



**Yixing Aipu Air System Equipment Co., Ltd**



13771572002



183426306@qq.com



aipukqdl.com

Yixing Yicheng Street Hardware Electromechanical City, Phase I, Block 5, District 3, 8071