



Yixing Aipu Air System Equipment Co., Ltd

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## Experience Optimal Performance with Suspension Centrifugal Blower for Industrial Ventilation

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Aipu
- Certification: CE CCC SABS TUV RoHS
- Model Number: ZGK-15
- Price: Negotiable
- Packaging Details: Standard Export Package
- Delivery Time: 6-8 workdays



### Product Specification

- Weight: 300kg
- Boost: 30-70kPa
- Flow Rate: 10-24m³/min
- Dimensions: 1300 X 800X 1230 Mm
- Outlet Size: DN150

## Product Description

### Product Description:

The air suspension bearing double suction high-speed centrifugal blower is an efficient, energy-saving, and environmentally friendly product. It has a simple mechanical structure, few moving parts, good control robustness, and easy maintenance. Adopting automotive grade oil-free high reliability dynamic pressure air suspension bearings, there is no friction and minimal mechanical loss during operation. Adopting advanced permanent magnet synchronous motor technology, the maximum speed can reach 95000rpm, and it only takes 5 seconds to operate at full speed. The motor efficiency is as high as 97%, meeting the dual level energy efficiency standard. The air suspension bearing double suction high-speed centrifugal blower adopts a wide working condition and high-efficiency ternary flow impeller, which breaks through the key technology of low specific speed design and has high efficiency. The integrated special design of the host ensures that the noise is less than 75dB (A) and the vibration is less than 12  $\mu$  m. It adopts stepless adjustment, and the fan can be quickly started and stopped, with a continuous start stop frequency of over 200000 times.

### Features:

**Product Name:** Air Suspension Blowers

**Flow Range:** 5-500m<sup>3</sup>/min

**Filter Density:** F8

**Voltage:** 380V

Main application areas

**1,Sewage treatment industry**

An aeration system used in municipal and industrial wastewater treatment to provide oxygen to biochemical tanks and promote microbial degradation of organic matter.

The energy-saving effect is significant (saving 20% to 40% more energy than traditional blowers), reducing the operating costs of sewage treatment plants.

**2,Chemical and petrochemical industry**

Transporting corrosive, flammable and explosive gases (requires customized explosion-proof and anti-corrosion design).

Used for pneumatic conveying, reactor aeration, tail gas treatment and other processes.

**3,Power industry**

The gas supply for the desulfurization and oxidation system of coal-fired power plants replaces traditional Roots blowers.

Fan system for circulating fluidized bed boiler.

**Food and pharmaceutical industry**

The airflow transportation in a sterile environment (such as fermentation tank aeration) meets hygiene standards due to the absence of oil pollution.

**Textile and paper industry**

Provide uniform airflow for drying, bleaching and other processes to avoid oil contamination of products.

**In the field of new energy and environmental protection**

The air supply system for projects such as garbage incineration power generation and biomass gasification.

Clean gas transportation in photovoltaic/lithium battery production.

### Technical Parameters:

Color:	Silver
Flow Range:	10-24m <sup>3</sup> /min
Dimensions:	1300X 800X 1230mm
Temperature:	Up To 60°C
Flow Range:	10-24m <sup>3</sup> /min
Filter Density:	F8
Inlet Size:	DN150

This Air Suspension Blowers product is a Universal Fit type blower for Air Suspension Shock Absorber, Air Cushion Machine Blower, and Air Conditioner Blower applications. It has a silver color and a flow range of 10-24m<sup>3</sup>/min. The dimensions of the blower are 1300X 800X 1230mm. The blower can operate at temperatures up to 60°C and has a flow rate of 10-24m<sup>3</sup>/min. It has a filter density of F8, and an inlet size of DN150.

### Applications:

**1,Sewage treatment industry**

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## Customization:

**Air Suspension Shock Absorber** ? Look no further than Aipu, a trusted brand from China. Our **Air Cushion Machine Blower** is designed to meet your needs, with a variety of customizable features available. Our product is certified with CE, CCC, SABs, TUV, and RoHS, so you can trust that it meets high safety standards. The price is negotiable, and each unit comes in a standard export package. You can expect delivery within 6-8 workdays.

Our **Air Suspension Shock Absorber** has an inlet and outlet size of DN150. Choose from our classic silver color or request a custom color to match your specific needs.

## Support and Services:

The Air Suspension Blowers product technical support and services are:

**24/7 customer support for any product-related issues or concerns**

**Product installation assistance and guidance**

**Product troubleshooting and problem-solving**

**Product maintenance and repair services**

**Product warranty and replacement support**

## Packing and Shipping:

### Product Packaging:

The air suspension blower will be securely packed in a cardboard box to prevent any damage during transportation.

The box will be labeled with the product name, quantity, and any other necessary information.

### Shipping:

The air suspension blower will be shipped through a trusted courier service.

Shipping will be initiated within 24 hours of order confirmation.

Delivery times may vary depending on the shipping location and courier service.

A tracking number will be provided to the customer once the product has been shipped.

## FAQ:

**Q: What is the brand name of this air suspension blower?**

A: The brand name of this air suspension blower is Aipu.

**Q: Where is this air suspension blower made?**

A: This air suspension blower is made in China.

**Q: What certifications does this air suspension blower have?**

A: This air suspension blower has CE, CCC, SABs, TUV, and RoHS certifications.

**Q: What is the price of this air suspension blower?**

A: The price of this air suspension blower is negotiable.

**Q: How is this air suspension blower packaged and what is the delivery time?**

A: This air suspension blower is packaged with a standard export package, and the delivery time is 6-8 workdays.



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