



Yixing Aipu Air System Equipment Co., Ltd

aipukqdl.com



## High Performance Roots Type Blower For Industrial Air Circulation

Our Product Introduction

for more products please visit us on [aipukqdl.com](http://aipukqdl.com)

### Basic Information

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



### Product Specification

- Inlet Diameter: 32A-200A
- Technology: Roots
- Efficiency: High
- Material: HT250
- Outlet Diameter: 32A-200A
- Highlight: **air circulation roots type blower,**  
**air circulation aquaculture roots blower**

## Product Description

### Product Description:

The ZA series Roots blower is a type of positive displacement blower, characterized by its unique working principle and structural features. The Roots blower relies on the change in working chamber volume formed by the rotation of two identical involute "8" shaped rotors to transport gas. This working principle is similar to that of a gear pump, where each rotor is equivalent to a gear with two teeth. Structurally, the two rotor axes of the Roots blower are parallel to each other, and there are small gaps between the impeller in the rotor, the impeller and the casing, and the impeller and the wall panel to avoid contact. The intake and exhaust chambers are isolated from each other. By using two rotors to rotate in reverse, the gas inside the body is sent from the intake chamber to the exhaust chamber, achieving the effect of blowing air. Due to the small gaps between impellers, between impellers and shells, and between impellers and wall panels, there is no need to inject lubricating oil into the cylinder during operation, nor is there a need for auxiliary equipment such as oil and gas separators.

### Features:

**Product Name:** Roots blower

**Usage:** Transport gas

**Material:** HT250

**Features:**

**Efficient operation technology**

**Durable and corrosion-resistant**

**Compact size for easy installation and integration**

**Low noise and vibration, quiet operation**

**Easy to maintain and upkeep**

### Technical Parameters:

Product Name	Roots blower
Efficiency	High
Vacuum Technology	Roots
Material	HT250
Power Source	Electric

### Applications:

**Wastewater treatment:** widely used in aeration systems in wastewater treatment, injecting gas into aeration tanks to promote biodegradation and oxidation processes in wastewater.

**Pharmaceutical industry:** used to provide stable airflow for drying, mixing, and conveying materials such as powders and particles.

**Food processing:** commonly used in dehydration, drying, cooling and other processes to assist in the processing of food and its raw materials.

**Chemical industry:** can be used for gas supply or vacuuming, for processes such as distillation, drying, cooling, and gas transportation.

**Petroleum and natural gas industry:** used to provide pressure or vacuum for processes such as refining, oil and gas transportation, and processing.

**Environmental protection:** can be used for purification treatment of adsorbed exhaust gas or emitted gas.

### Customization:

Our Roots blower is made of high-quality materials and is an ideal choice for various industrial applications. Our Roots blower can provide optimal performance while saving energy.

### Support and Services:

Technical support and services for Roots blower products include:

**Installation guidance and technical training for the product**

**Maintenance and repair services**

**Remote technical support and troubleshooting**

**Regular inspection and maintenance services to ensure optimal performance**

**Supply of spare parts and accessories**

## Packing and Shipping:

Product Packaging:

Roots blower is packed with shockproof foam and wooden case to ensure safe transportation.

All necessary accessories and user manual are included in the package.

Shipping:

We offer worldwide shipping through our trusted shipping partners such as DHL, FedEx, and UPS.

The shipping cost may vary depending on the destination and the weight of the package.

The estimated delivery time is 5-10 business days.

We provide a tracking number so you can track your shipment online.

If you have any questions or concerns regarding your shipment, please contact us at [support@vacuumpump.com](mailto:support@vacuumpump.com).

## FAQ:

Q: What is the brand of Roots blower?

A: The brand name of Roots blower is Aipu.

Q: Where is the Roots blower manufactured?

A: Roots blower is made in China.

Q: What are the certifications for Roots blowers?

A: Roots blower has obtained CE, CCC, SABS, TUV, and RoHS certifications.

Q: What is the price of Roots blower?

A: The price of Roots blower can be negotiated.

Q: What are the packaging details and delivery time of Roots blower?

A: The Roots blower adopts standard export packaging and the delivery time is 6-8 working days.



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



13771572002



183426306@qq.com



[aipukqdl.com](http://aipukqdl.com)

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