



## Sewage Aeration Fan Centrifugal Energy Saving High Speed Variable Frequency Silent

Our Product Introduction

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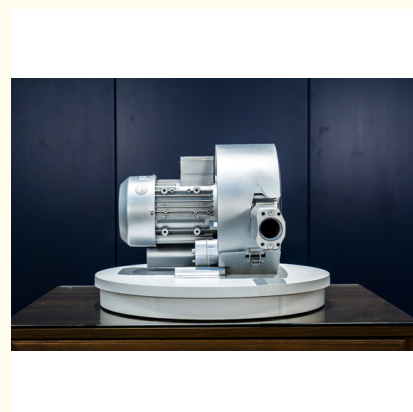
### Basic Information

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



### Product Specification

- Material: Aluminum Alloy
- Warranty: 1 Years
- Power Supply: AC 220-380V, 50-60Hz
- Place: China
- Noise Level: < 75 DB(A)
- Highlight: Sewage Aeration Fan, Aeration Fan Centrifugal, Silent Aeration Fan



### More Images



## Product Description

### Product Description:

Aeration blower is an efficient and low maintenance fan with multiple advantages, suitable for various industrial application scenarios.

The main characteristics of industrial aeration fans include:

Compact structure, small volume, light weight, easy to install and move.

Low noise, suitable for industrial environments with noise requirements.

The gas source is free of oil and water, ensuring a clean working environment.

Reliable performance, except for the two bearings of the motor rotor, there is no direct contact friction in other parts, reducing maintenance requirements.

Maintenance free use, minimal wear and tear, long service life.

Equipped with dual functions of blowing and suction, one machine can be used for both purposes, improving equipment utilization.

The requirements for installation foundation are low, and it can even operate normally without a fixed foot base, saving installation costs and cycles.

In addition, this type of fan also has the characteristics of high pressure, low or no oil operation, and clean air output. In industrial applications, it is widely used in various occasions such as paper cutting machines, combustion oxygen reduction machines, filter forming machines, electroplating tank stirring, atomization drying machines, fish farming and oxygenation, water treatment explosion, etc. When using this type of fan, attention should be paid to protecting the pressure and preventing dust from entering to extend its service life and ensure safe operation.

### Features:

**Product Name:** Aerator Blower

**Power Supply:** AC 220-380V, 50-60Hz

**Material:** Aluminum alloy

**Place:** China

**Features:**

Aerobic aeration

### Technical Parameters:

Power Supply	AC 220-380V, 50-60Hz
Working Hours	Sustain
Type	Aerator Blower
Warranty	1 Years
Noise Level	< 75DB(A)

### Applications:

Sewage treatment: Aeration fans play an important role in sewage treatment projects. By connecting pipes from the outlet of the blower to the bottom of the sewage treatment tank for aeration, the principles of aeration oxidation ponds and oxidation ditches are integrated.

Combining the characteristics of push flow and mixing, it is beneficial to overcome short flow and improve buffering capacity, as well as to facilitate oxygen transfer, liquid mixing, and sludge flocculation. This technology is of great significance for the treatment of water environment, as it is applied to river management, purification technology, ecosystem restoration, sediment dredging, river aeration and other measures.

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Food machinery industry: High pressure vortex fans used in the food industry can be used as negative pressure vacuum pumping equipment for vacuum packaging, as well as air source equipment for conveying food materials. In addition, it can also be applied to aeration, material transportation, gas transmission, and pressurization systems in aquaculture, such as being used as a vacuum pump. These applications cover all aspects from food processing to packaging, ensuring that the air demand during the food processing process is met.

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Breeding industry: In the breeding industry, high-pressure aeration fans generate strong airflow through high-speed rotating impellers, which press air into water to form tiny bubbles. These bubbles slowly rise in the water and come into full contact with the water, greatly improving the efficiency of oxygen dissolution. This technology not only enhances oxygenation, but also generates micro flow in water bodies, which helps to break down water stratification, promote the exchange of upper and lower water bodies, and improve the uniformity and vitality of water bodies. At the same time, oxygen is directly transported to the bottom of the water through microporous aeration to promote microbial decomposition of organic matter, restore the self purification function of the water, and improve the efficiency of aquaculture.

### Customization:

## Support and Services:

Aeration fan is an advanced oxygenation equipment.

Our product technical support team is dedicated to ensuring that our customers receive the highest quality of service and support for their Air Suspension Oxygenator. Our team of highly trained technicians is available to answer any technical questions or concerns that our customers may have about the product.

In addition to technical support, we also offer a range of services to help our customers get the most out of their Air Suspension Oxygenator. These services include product training, installation and setup assistance, and maintenance and repair services.

At the aeration fan, we are committed to providing our customers with the best support and service to ensure they benefit the most from our products.

## Packing and Shipping:

Product Packaging:

**1 Aeration fan**

**1 AC/DC adapter**

**1 User manual**

**1 Carrying case**

Shipping:

**Ships within 2 business days**

**Free shipping within the United States**

**International shipping available for an additional fee**

**Expected delivery time: 5-7 business days within the United States**

**Tracking number provided upon shipment**

## 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:** What is the price of this product?

**A:** The price of this product is negotiable. Please contact us for more information.

**Q:** How is this product packaged and delivered?

**A:** This product is packaged in a standard export package and delivered within 6-8 workdays.



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