



Energy Saving Aerator Blower For Aeration Systems In Water Treatment

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

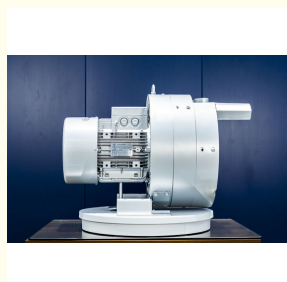


Product Specification

- Noise Level: < 75 DB(A)
- Material: Aluminum Alloy
- Working Hours: Sustain
- Place: China
- Highlight: energy saving aerator blower,
energy saving wastewater blower,
water treatment aerator blower



More Images



Product Description

Product Description:

Aipu aeration fan is a ventilation air source device with dual functions of blowing and suction. It can be used as both a blowing and suction fan, and can even use both suction and blowing at the same time. It has a function similar to a rotary vane vacuum pump. The characteristics of this fan design include:

Operating with little or no oil, the output air is clean, suitable for applications that require clean air.

Compared to centrifugal fans and medium pressure fans, the pressure of aeration fans is higher, usually more than ten times that of centrifugal fans.

If the pump body is die cast as a whole and shockproof mounting feet are used, the requirements for the installation foundation are very low, and it can even operate normally without fixing the feet, greatly reducing installation costs and cycles.

Compared with other types of fans, the operating noise of aeration fans is lower, especially when the power is higher.

In terms of maintenance, its main consumables are two bearings, which basically do not require maintenance during the warranty period, thus having a longer service life. Under normal conditions, its service life can reach 3-5 years.

In addition, aeration fans are widely used in various fields, such as paper cutters, combustion oxygen reducers, filter forming machines, electroplating tank mixing, atomization dryers, fish farming and oxygenation, water treatment explosions, etc., demonstrating their multifunctionality and practicality.

Features:

Product Name: Aerator Blower

Type: Aerobic aeration

Model: Air Suspension Oxygenator

Material: aluminum alloy

Features:

Aeration and oxygenation

Technical Parameters:

Model	Aerator Blower
Material	aluminum alloy
Power Supply	AC220-380V, 50-60Hz
Working Hours	sustain
Place	China
Warranty	1 Years

Applications:

Sewage treatment: Vortex 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, they integrate the principles of aeration oxidation ponds and oxidation ditches, and combine the characteristics of push flow and mixing to overcome short flow and improve buffering capacity. They also 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.

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.

Breeding industry: In the breeding industry, high-pressure vortex 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.

In summary, vortex aeration fans play an important role in wastewater treatment, food machinery, and aquaculture industries due to their efficient oxygenation, activation of water bodies, and restoration of self purification functions. They provide critical support for the sustainable development and efficiency improvement of these industries.

Customization:

Customize your aeration blower with the Chinese brand Aipu. This product has passed CE, CCC, SABS, TUV, and RoHS certifications to ensure its quality and safety. The price can be negotiated and standard export packaging will be used. You can receive the order within 6-8 working days.

The noise level of the aeration blower is below 75 decibels (a), and it also comes with a one-year warranty. Contact us immediately to customize your aeration blower according to your specific needs and requirements.

Support and Services:

The aeration blower product aims to provide excellent technical support and service to ensure optimal performance and lifespan. Our expert team can provide assistance and guidance in the installation, operation, and maintenance of the product. We offer a comprehensive range of services, including:

Technical support via phone or email

On-site installation assistance and training

Regular maintenance and calibration services

Repairs and replacement parts

Extended warranty options

Our goal is to ensure that our customers are fully satisfied with their aeration blower products and minimize downtime or interruptions. Contact us immediately to learn more about our technical support and services.

Packing and Shipping:

Product Packaging:

Aeration blower

Power cord

User manual

Shipping:

Ships within 1-2 business days

Free standard shipping within the continental US

International shipping available for an additional fee

FAQ:

Q: What is the brand name of the air suspension oxygenator product?

A: The brand name of the air suspension oxygenator product is Aipu.

Q: Where is the air suspension oxygenator product manufactured?

A: The air suspension oxygenator product is manufactured in China.

Q: What certifications does the air suspension oxygenator product have?

A: The air suspension oxygenator product is certified by CE, CCC, SABS, TUV, and RoHS.

Q: What is the price of the air suspension oxygenator product?

A: The price of the air suspension oxygenator product is negotiable.

Q: What are the packaging details and delivery time for the air suspension oxygenator product?

A: The air suspension oxygenator product comes with standard export packaging and has a delivery time of 6-8 workdays.



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