



Industrial Grade Magnetic Levitation Blower with Magnetic Levitation Technology

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Aipu
- Certification: CE CCC SABS TUV RoHS
- Model Number: GF125
- Price: Negotiable
- Packaging Details: Standard Export Package
- Delivery Time: 6-8 workdays



Product Specification

- Voltage: 380V
- Timer Function: Yes
- Bear: Autonomous Domestic Magnetic Bearings
- Size: 1850x1700x1780mm
- Frequency: 50Hz/60Hz
- Typology: Centrifugal Separator
- Flow Range: 20-400m³/min

Product Description

Product Description:

Magnetic Suspension Centrifugal Blower is a product of high efficiency, energy saving and environment-friendly that is directly mounted by high-speed PMSM and ternary flow centrifugal impeller. The shaft vibration is timely supervised by build-in displacement sensor. The collected data will be input to the Magnetic Suspension Bearing Controller for computation to generate the control current. This current will be input to the windings of Magnetic Suspension Bearing to generate the magnetic force for suspension. PMSM generates frequency controllable current via inverter, this current will be input to the motor stator to generate rotation magnetic field to drive the shaft rotating at high speed. The impeller driven by high-speed rotating shaft will take the air from volute casing inlet, and will be forced by impeller and volute casing guidance to generate flow velocity and pressure. Then will be discharged from volute casing outlet to complete the blowing process.

Features:

Energy saving and efficient

Ternary flow impeller is directly coupled with high-speed PMSM;
Save more than 30% energy than Roots Blower; Save more than 20% energy than Multi-stage Centrifugal Blower;
Save more than 10% energy than Single Stage High Speed Centrifugal Blower.

Low Noise

With the self-balancing technology, the vibration level of Magnetic bearing is lower than traditional bearings, and there is no friction. Adopting the active vibration damping design, the blower can operate smoothly of less vibration, and the noise of the blower is around 80dB(A).

Maintenance Free

Integrated design, skid mounted structure, convenient installation, one key to start and stop the blower. No need for mechanical maintenance during daily operation, only to replace the filter.

Intelligent Control

With PLC+GPRS/3G/4G, we can real time monitor the operation status of the Blower and control flow, air pressure and speed by intelligently or manually mode. In case of failure, it can also be repaired and debugged remotely.

Technical Parameters:

Product Series	GF 50	GF 75	GF100	GF125	GF150	GF175	GF200	GF250	GF300	GF350	GF400
Motor power (KW)	50	75	100	125	150	175	200	250	300	350	400
Boost (kPa)	Inlet flow rate (m ³ /min) 1atm 20°C										
40	55	86	110	125	168	208	219	270	323	425	443
50	50	74	100	125	149	185	198	247	297	375	396
60	43	64	85	113	127	158	169	210	253	320	356
70	37	55	74	99	111	140	148	184	222	280	312
80	33	49	65	86	97	120	129	160	193	240	271
90	28	44	57	75	84	105	112	139	167	210	235
100		40	52	68	77	96	102	127	153	190	215

110					71	88	95	118	142	175	199
120					66	82	88	110	132	165	185
130									124	152	165
150											148
sizes(mm)	1700×1500×1480		1850×1700×1780			2150×1750×1700			2370×2260×2080		
Weight (kg)	800	1000	1200	1350	1500	1800	2000	2500	2800	3200	3500

When the use conditions of the blower and the above table does not match, the need for performance conversion, our company can be non-standard design according to user requirements to meet the specific needs of users of various working conditions.

Applications:

Suitable for sewage treatment industry, leather manufacturing industry, petrochemical ind puand paper industry, thermoelectric industry, metallurgical industry, pharmaceutical industry, coal chemical industry, textile industry, printing and dyeing industry, food industry, cement building materials industry, etc.



Customization:

Support and Services:

The Magnetic Levitation Blower product comes with comprehensive technical support and services to ensure optimal performance and customer satisfaction. Our experienced technical support team is available to answer any questions or concerns regarding installation, operation, maintenance, and troubleshooting of the product. We offer remote support through phone and email, as well as on-site support for more complex issues. In addition, we provide various services to enhance and customize the product to meet specific customer requirements. These services include but are not limited to:

Customized design and engineering

Product testing and validation

Integration with other systems

Training and education

Warranty and repair services

Our commitment to quality and customer satisfaction is reflected in our continuous improvement efforts and adherence to industry standards and regulations.

Packing and Shipping:

Product Packaging for Magnetic Levitation Blower:

1 Magnetic Levitation Blower

1 Power Adapter

1 User Manual

Shipping Information:

Ships within 35 business days

International shipping available for an additional fee

Tracking number provided

FAQ:

Q1: What is the brand name of this Magnetic Levitation Blower?

A1: The brand name of this product is Aipu.

Q2: Where does this Magnetic Levitation Blower originate from?

A2: This product originates from China.

Q3: What certifications does this Magnetic Levitation Blower have?

A3: This product has CE, CCC, SABS, TUV, and RoHS certifications.

Q4: What is the price of this Magnetic Levitation Blower?

A4: The price of this product is negotiable.

Q5: What are the packaging details and delivery time of this Magnetic Levitation Blower?

A5: The packaging details of this product are standard export package and the delivery time is 6-8 workdays.



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