



## Pig Fan with EC Motor

Find a huge selection of Pig Fan with EC Motor from China at Deba Brothers®. One of the major features of building pig farming is the high concentration. The high-density breeding environment also brings high-density exhaust gas emission. How to do a good job of ventilation in building pig farming in an efficient, green and environmentally friendly way is the top priority.

## Product Description

Deba Brothers® is Pig Fan with EC Motor manufacturers and suppliers in China who can wholesale Pig Fan with EC Motor. On the basis of AC fans, Deba Brothers® has produced more energy-saving pig fan with EC motor. The pig fan with EC motor with sickle-shaped blades used in the chimneys are of a very high quality. Pig fan with EC motors are absolutely resistant to corrosion, and the pig fan with EC motor save more energy, are more resistant to pressure and produce less noise than traditional fans.

## Pig Fan with EC Motor Specifications

Specification	Hole Size	Voltage	Air volume	Power	Motor	Rotating speed
18"	575*575	220V/380V	7200	370W	500W	1400rpm
24"	785*785	220V/380V	11000	550W	750W	900rpm
36"	1085*1085	380V	21000	750W	750W	900rpm
51"	1450*1450	380V	55000	1.5KW	2.2KW	750rpm
55"	1640*1640	380V	60000	1.8KW	2.2KW	750rpm

## Pig Fan with EC Motor Advantage

- 1.High efficiency annual savings of 57% electricity. Pressure up to 400pa.
- 2.Suitable for pig breeding in buildings, add deodorizing cooling pad.
- 3.We recommend the use of centralized fan ventilation in the building pig breeding mode, together with the centralized deodorization and filtration system, which can deal with the exhaust gas efficiently and basically realize 0 pollution of gas.
- 4.The outer surface are both smooth and flat, streamlined appearance design.
- 5.High pressure 150pa, air volume up to 28,000. Customized fan can meet high pressure

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up to 400 Pa. The overall use of EC motor, energy saving, low noise, high efficiency. Electric control module is directly connected to collect fan information for precise control.

### **Pig Fan with EC Motor details**

1. Customized permanent magnet synchronous motor, IE4 energy efficiency level, IP55 protection, constant speed operation, built-in speed regulation and fault alarm (over-under-voltage, locked-rotor, over-current, phase loss, temperature protection, etc.) functions, wide and efficient speed regulation Low power consumption in the interval.
2. PAG airfoil fan blades, streamlined design, large air volume, high strength and stable operation.
3. The shell and the air duct are integrally formed by engineering plastics, which are durable and corrosion-resistant.
4. The motor is directly connected to drive, with simple structure and convenient installation and maintenance.
5. Standard PVC shutters.
6. High-strength stainless steel fan bracket.

# EC motor high negative pressure fan

ENERGY

SAVING

LOW NOISE



ENERGY

STRONG CORROSION

FULL PRESSURE

LARGE CLUTCH

# HIGH EFFICIENCY ANNUAL SAVINGS OF 57% ELECTRICITY PRESSURE UP TO 400PA

- Suitable for pig breeding in buildings, add deodorizing cooling pad



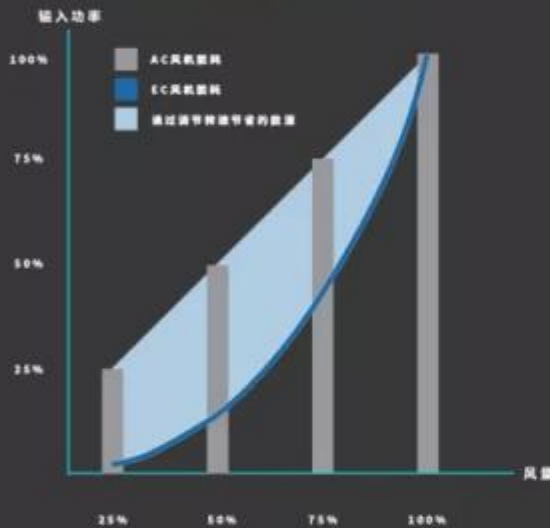
## PRODUCT DESCRIPTION



## Parameters Table

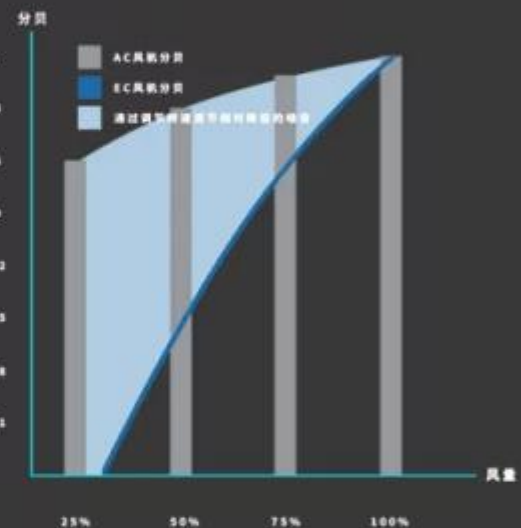
Serial Number	Specification	Reserved hole size	Voltage	Air volume	Fan blade	Shell	Power	Motor	Rotating speed
1	18inch	575*575	220v/380v	7200	PVG	PP	370W	500W	1400rpm
2	24inch	785*785	220v/380v	11000	PVG	PP	550W	750W	900rpm
3	36inch	1085*1085	380v	21000	PVG	PP	750W	750W	900rpm
4	51inch	1450*1450	380v	55000	PVG	PP	1.5KW	2.2KW	750rpm
5	55inch	1640*1640	380v	60000	PVG	PP	1.8KW	2.2KW	750rpm

### Lower energy consumption



The histogram 1 shows the energy consumption of the AC fan at full speed. If the two fans are turned off, the aerodynamic performance is immediately reduced by 50%. The blue line reflects the energy consumption of the EC fan that can continuously adjust the speed.

### Lower noise



By turning off half of the AC fan (the air volume can only be half), the noise is only reduced by 3 decibels, while adjusting the speed of the EC fan to half the air volume, the noise is reduced by 15 decibels.

# Powerful motivation

Motor direct drive, simple structure, easy to maintain

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