

## Silent Commercial Centrifugal Air Curtain For Indoor Spaces

Our Product Introduction

### Basic Information

- Place of Origin: China Foshan
- Brand Name: Available for ODM
- Certification: CE
- Model Number: FM3518
- Minimum Order Quantity: 1
- Price: Contact Us
- Packaging Details: Carton packaging 1 units per carton
- Delivery Time: 3-8 work days
- Payment Terms: T/T
- Supply Ability: 5000



### Product Specification

- Applicable Industries: Shopping Mall Entrance Door
- After-sales Service Provided: Online Support
- Acoustical Noise: 55-64dB
- Voltage: 220V / 50hz
- Customized Support: OEM, ODM, OBM
- Installation Type: Split System
- Model Number: FM 3518
- Warranty Of Core Components: 5 Year
- Fan Type: Commercial Air Curtain
- Dimension(L\*W\*H): 2000 \* 207 \* 175 Mm
- Certification: CE
- MOQ: 1 Set
- Funtion: Low Noise, Energy Saving
- Air Flow: 4000 M3/h



### More Images



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

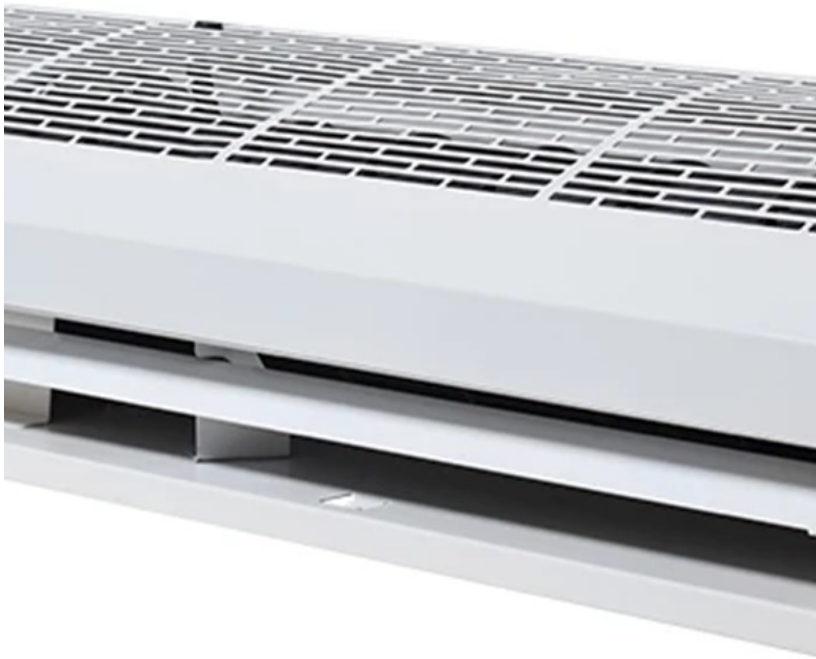
## Product Description

### Product applications

Air curtains generate a focused stream of air, typically directed downward across doorways. This high-velocity airflow acts as an invisible barrier, preventing uncontrolled air exchange and stabilizing indoor temperatures. In cold environments, heated air curtains offer extra protection by dispersing warm air downwards and minimizing heat loss. Conversely, in hot climates, non-heated air curtains create a cool air shield, blocking external heat and maintaining interior comfort. This leads to substantial energy savings, as HVAC systems are less strained by temperature fluctuations from door openings. Research indicates that air curtains can reduce energy usage near entrances by up to 80%, presenting them as a financially prudent choice for long-term savings.

### Durable Enclosure Construction

Precision-crafted with robust, thicker panels and an expertly engineered framework to optimize airflow efficiency and guarantee long-term durability.



### Enhance Motor Efficiency with Superior Ball Bearings

Choosing top-tier ball bearings over conventional hydraulic alternatives notably improves motor longevity and guarantees whisper-quiet, seamless performance.



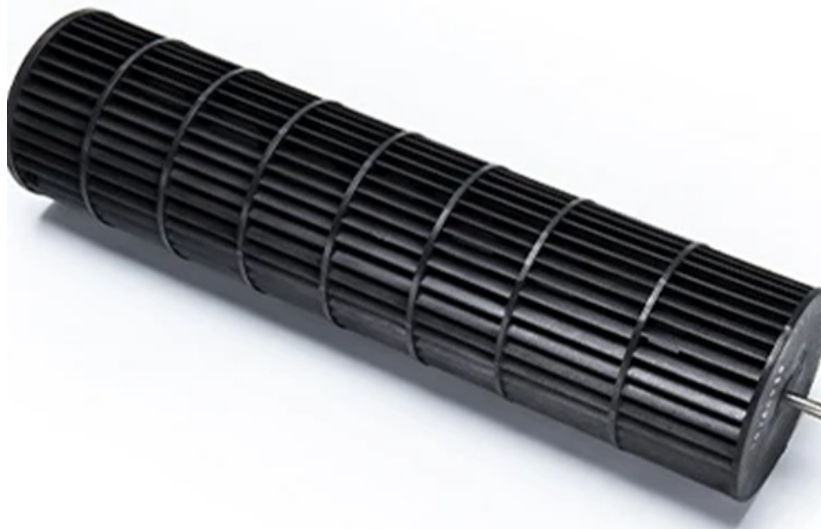
#### **Premium Copper Motor for Enhanced Performance**

Our motor incorporates 100% pure copper wiring, expertly engineered to ensure consistent and powerful performance. Designed with durability and longevity in mind, it stands out in energy efficiency, providing a cost-effective solution tailored to your requirements.

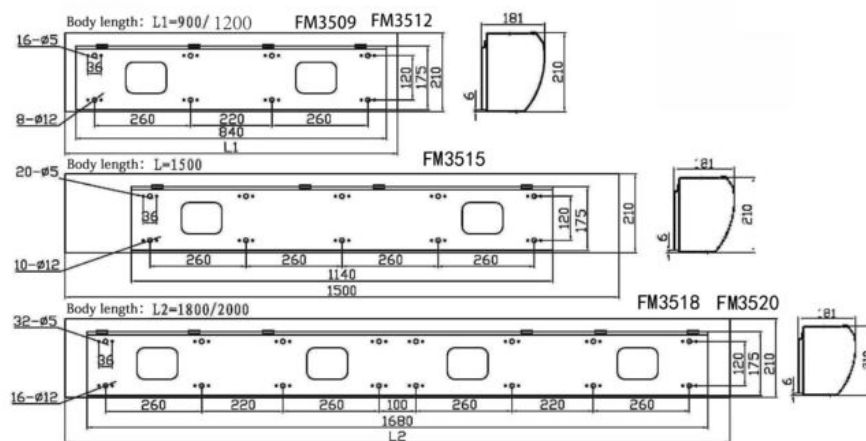


#### **Optimized Aerodynamic Wind Wheel for Superior Airflow**

Our oversized wind wheel is meticulously designed to improve air intake, dampen vibrations, and lower noise levels. It guarantees consistent and smooth airflow, enhancing overall performance and efficiency.



## Product Dimensions Diagram



## product specifications

| Model    | Rated voltage (V) | Rated frequency (Hz) | Powe (W) | Wind speed (m/s) | Air volume (m3/h) | Noise dB(A) | Installation height (m) | Dimensions (mm) | Net weight (kg) |
|----------|-------------------|----------------------|----------|------------------|-------------------|-------------|-------------------------|-----------------|-----------------|
| FM3509   | 220               | 50                   | 135/15   | 11-13            | 2350              | 55          | 3.0-3.5                 | 920X207X175     | 11.0            |
| FM3509 Y | 220               | 50                   | 135/15   | 11-13            | 2350              | 55          | 3.0-3.5                 | 920X207X175     | 11.0            |
| FM3512   | 220               | 50                   | 175/164  | 11-13            | 3050              | 57          | 3.0-3.5                 | 1200X207X175    | 13.0            |
| FM3512 Y | 220               | 50                   | 175/164  | 11-13            | 3050              | 57          | 3.0-3.5                 | 1200X207X175    | 13.0            |
| FM3515   | 220               | 50                   | 232/210  | 11-13            | 3950              | 59          | 3.0-3.5                 | 1500X207X175    | 16.0            |



|             |     |    |             |       |      |    |         |                  |      |
|-------------|-----|----|-------------|-------|------|----|---------|------------------|------|
| FM3515<br>Y | 220 | 50 | 232/2<br>10 | 11-13 | 3950 | 59 | 3.0-3.5 | 1500X207<br>X175 | 16.0 |
| FM3518      | 220 | 50 | 275/2<br>18 | 11-13 | 4500 | 62 | 3.0-3.5 | 1800X207<br>X175 | 22.0 |
| FM3518<br>Y | 220 | 50 | 275/2<br>18 | 11-13 | 4500 | 62 | 3.0-3.5 | 1800X207<br>X175 | 22.0 |
| FM3520      | 220 | 50 | 293/2<br>40 | 11-13 | 4700 | 64 | 3.0-3.5 | 2000X207<br>X175 | 24.0 |
| FM3520<br>Y | 220 | 50 | 293/2<br>40 | 11-13 | 4700 | 64 | 3.0-3.5 | 2000X207<br>X175 | 24.0 |

## Company Profile

**Guangdong Zhongdian Jiajin Environmental Technology Co., Ltd.** originated from Foshan Nanhai Zhongxing Hardware Electrical Appliance Factory (with brands including Zhongdian Fresh Air and Zhongdian Xinke). The company specializes in the research, development, and manufacturing of DKT external rotor air conditioning fans (snail-type and square-type), mixed flow booster duct fans, KTF stainless steel external rotor centrifugal air handling units, air curtains, purifying low-noise fans, and centrifugal low-noise ventilation equipment. It is a modern national high-tech enterprise focusing on EC frequency conversion digital energy-saving fans. The manufacturing base is located in Foshan, Guangdong Province.

Since its establishment in 1997, the company has adhered to a quality-centric approach and actively developed its proprietary brand, Zhongdian. It has successively passed ISO9001, CE, and national CCC mandatory product certifications and has obtained multiple utility model patents. The company ranks among the top in the industry in terms of comprehensive strength and brand influence.

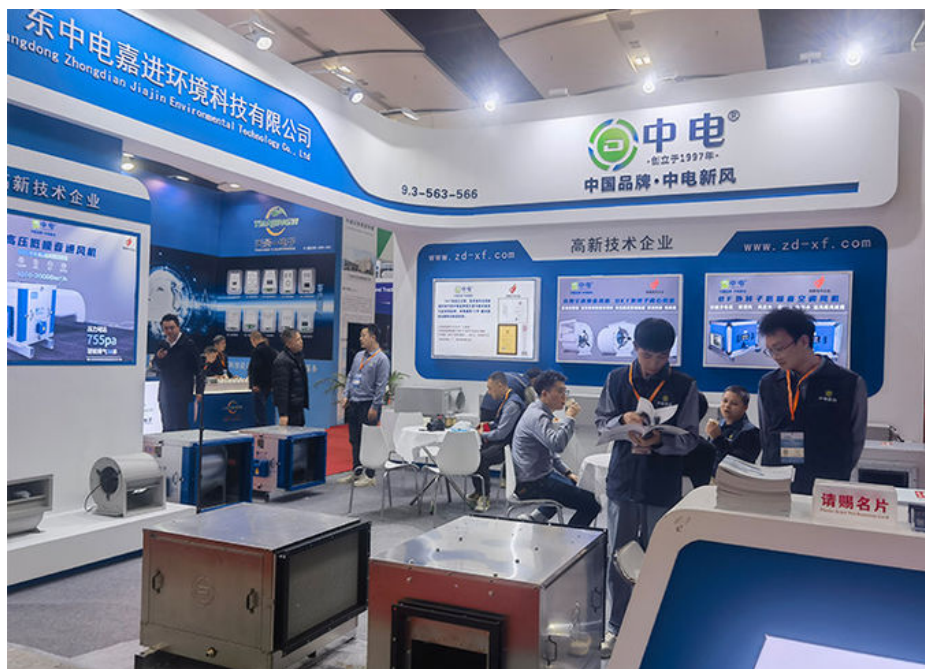
**Guangdong Zhongdian Jiajin Environmental Technology Co., Ltd.** operates under the philosophy of "Technological Innovation, Respect for Talent, Reform and Innovation, Pursuit of Excellence." The company has introduced over ten advanced automation devices and possesses a testing laboratory that complies with the national standard GB/T 1236-2017 "Performance Testing of Industrial Fans with Standardized Ducts," along with a 5S management system. It emphasizes user experience with its products and focuses on continually meeting customer needs. Through relentless efforts, the company has become a leader in the fresh air system market.

The company adheres to the principle of "Quality First, Quantity Second," earning trust from users across the country with its excellent quality and outstanding performance. It strives to enhance competitive advantages in pre-sales, sales, and after-sales services, and continues to uphold the creed of "Customer First, Service Excellence." The company is dedicated to continuous product and service iteration, aiming to become a leading brand in high-end fresh air system equipment.



## EXHIBITION SHOW

We have strong sales network system and can undertake a large number of OEM/ODM orders.. Our products are mainly exported to Europe, America, the Middle East and Southeast Asia, and old customers account for up to 30%.Our products are made of pure copper tubes and use Yongan motors, has the characteristics of high quality, super mute, comfortable style and reasonable price. We have independent R & D and design team that can meet any comments and conditions you have on product customization and technology research and development.



## The team

Our team will also carry out some outdoor group building activities to enhance the cohesion of employees and devote themselves to work with more enthusiasm.




## Showcase of Factory Capabilities





 **ZhongDian** Guangdong Zhongdian Jiajin Environmental Technology Co., Ltd.

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