

## Commercial Centrifugal Indoor Over Door Air Curtain Machine For Overhead Doors

Our Product Introduction

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### Basic Information

- Place of Origin: China Foshan
- Brand Name: Available for ODM
- Certification: CE
- Model Number: FM3520
- 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: Doorways
- After-sales Service Provided: Online Support
- Place Of Origin: China Foshan
- Voltage: 220V / 50hz
- Customized Support: OEM, ODM, OBM
- Mounting: Wall / Window Mount/ Door Mount
- Model Number: FM3520
- Warranty: 1 Year
- Core Components: Motor, Bearing, Engine
- Product Name: Air Curtain For Overhead Doors
- Dimension(L\*W\*H): 2000 \* 207 \* 175 Mm
- Certification: CE
- Selling Units: Set
- Funtion: Low Noise, Energy Saving



### More Images



## Product Description

### Product applications

The centrifugal air curtain machine is a device that utilizes the high-speed air generated by centrifugal fans to create an invisible air barrier, isolating indoor and outdoor air exchange. Widely used in public places like shopping malls, factories, hospitals, and restaurants, it effectively prevents insects, dust, and temperature loss while maintaining fresh indoor air. The machine employs a high-efficiency motor to drive the impeller, generating airflow that accelerates to form the air curtain through aerodynamic principles, ensuring energy savings and efficient air exchange.

### Casing

The air curtain's casing features a sleek, elegant design with unique shapes and flowing lines, enhancing luxury venues like hotels and malls. Every detail—from precise welding to flawless polishing and painting—showcases meticulous craftsmanship, ensuring a premium finish that reflects superior quality.



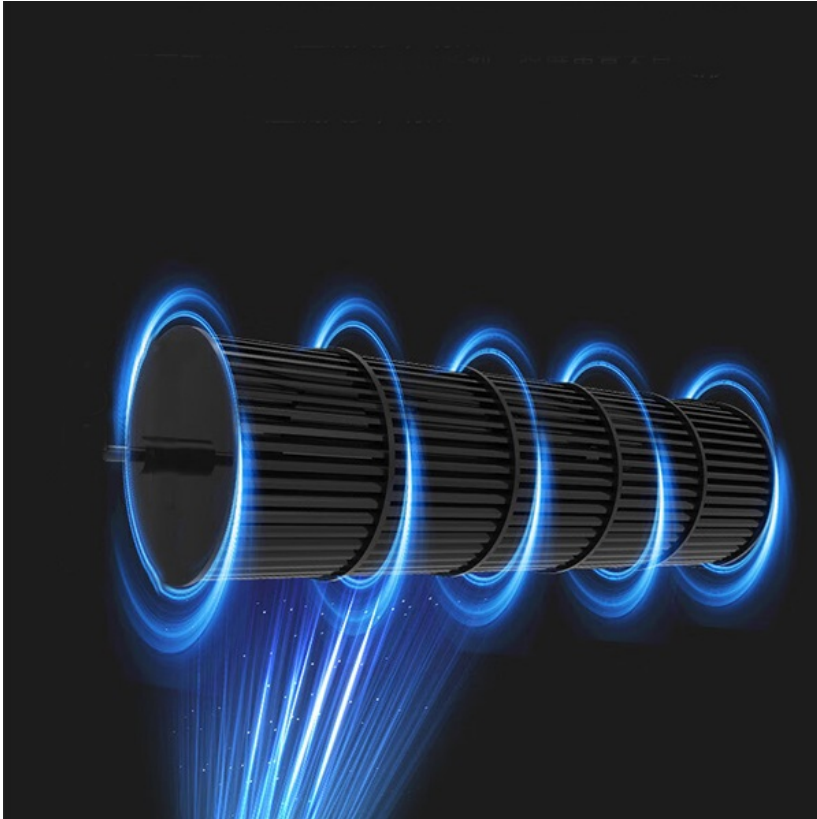
### Motor

The air curtain's motor incorporates ball bearings and pure copper, enhancing efficiency and durability. Pure copper ensures excellent conductivity, efficient operation, lower energy consumption, superior heat dissipation, and minimized overheating risks. Ball bearings reduce friction for smoother, quieter operation, support high-speed stability, and extend the motor's lifespan. Precision design boosts overall performance and reliability in diverse environments.

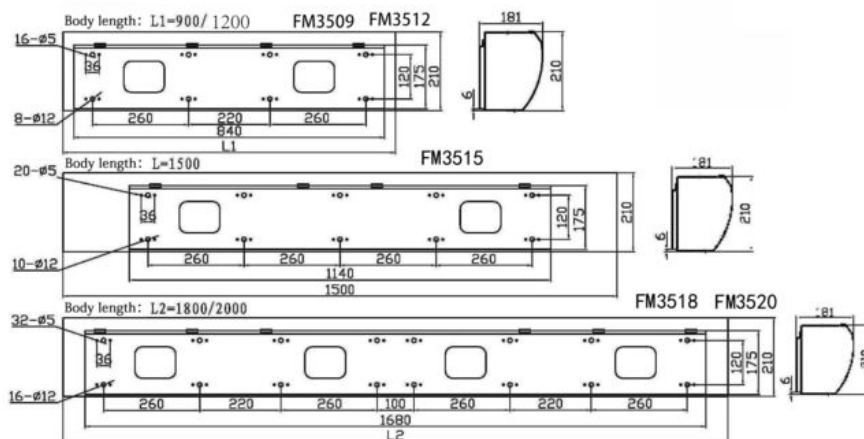


## Impeller

Our air curtain features a fiberglass impeller, delivering exceptional strength and flexibility for stable, high-speed operation under heavy loads. Its lightweight design eases installation and handling, ideal for environments needing frequent reconfiguration. Fiberglass's superior corrosion resistance ensures long-term reliability by protecting against chemicals and moisture, even in harsh conditions.



## Product Dimensions Diagram



## product specifications

Model	Rated voltage (V)	Rated frequency (Hz)	Powe (W)	Wind speed (m/s)	Air volume (m3/h)	Nois e dB(A)	Installatio n height (m)	Dimensio ns (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	175/64	11-13	3050	57	3.0-3.5	1200X207X175	13.0
FM3512 Y	220	50	175/64	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 Y	220	50	232/210	11-13	3950	59	3.0-3.5	1500X207X175	16.0
FM3518	220	50	275/218	11-13	4500	62	3.0-3.5	1800X207X175	22.0
FM3518 Y	220	50	275/218	11-13	4500	62	3.0-3.5	1800X207X175	22.0
FM3520	220	50	293/240	11-13	4700	64	3.0-3.5	2000X207X175	24.0
FM3520 Y	220	50	293/240	11-13	4700	64	3.0-3.5	2000X207X175	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.

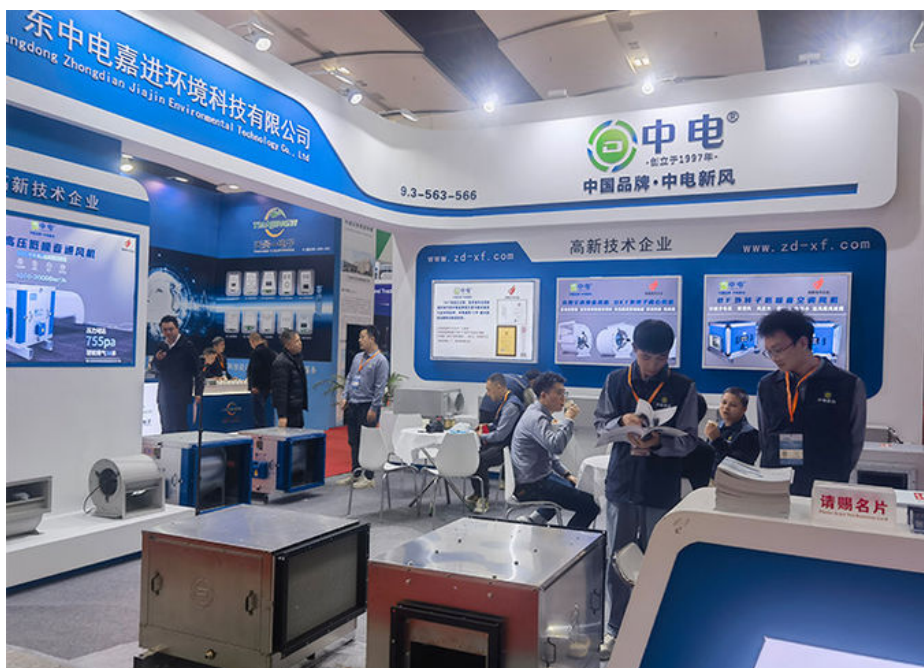
The company adheres to the principle of "Quality First, Quantity Second," earning trust from users across the country with its excellent quality and outstanding performance. It strives to enhance competitive advantages in pre-sales, sales, and after-sales services, and continues to uphold the creed of "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 Yonggan 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.

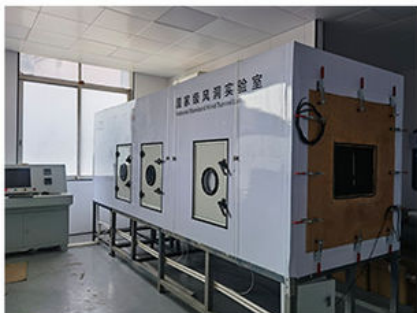


## The team


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.**

 0085246403891

 sales001@zd-fan.com

 zd-fan.com

Xizi Industrial Zone, Lishui Town, Nanhai District, Foshan City, Guangdong Province, China