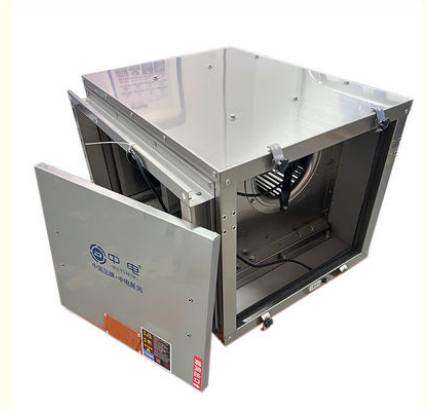


## All-Copper Precision Motor and Dual Ball Bearings in Cabinet Centrifugal Fan for Enhanced Kitchen Ventilation

### Our Product Introduction

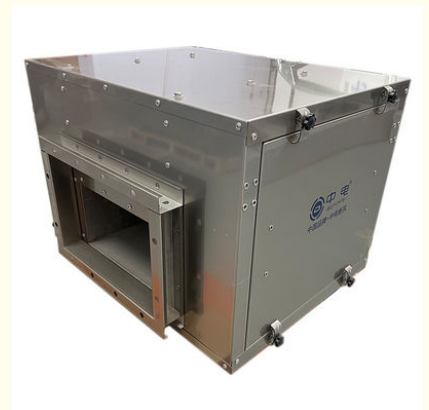
#### Basic Information

- Place of Origin: China Foshan
- Brand Name: Available for ODM
- Certification: CE
- Model Number: LFT32G-35
- 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: Kitchen
- Electric Current Type: AC
- After-sales Service Provided: Online Support
- Place Of Origin: China Foshan
- Voltage: 220V Or 380V
- Customized Support: OEM 、 ODM
- Mounting: FREE STANDING
- Model Number: LFT55G-50
- Warranty: 1 Year
- Core Components: Motor, Impeller
- Type: Centrifugal Ventilation Cabinet
- Fan Type: Centrifugal Fresh Air Cabinet
- Keyword: Low Noise
- Motor Type: AC Motor



#### More Images



## Product Description

### Product Overview

Engineered for superior culinary environments, this advanced ventilation system integrates a pure copper-core motor with a next-generation hydro-cooling module. The aluminum alloy construction delivers 40% improved thermal management over traditional steel housings, while dual ceramic-coated ball bearings ensure frictionless operation. Certified IP54 for dust/moisture resistance, it excels in oil-rich atmospheres with  $\leq 55$  dB whisper-grade acoustics.

### Technical Superiority

#### Performance Certification

##### IP54 Rating:

Dust ingress prevention (ISO 20653 compliant).

Water splashing resistance (tested at 10 L/min for 5 minutes).

**Noise Control:**  $\leq 55$  dB(A) at 1 m distance (meets GB/T 17713-2025 standards).

**Airflow Stability:** Maintains 95% efficiency after 3,000 cycles (18 m<sup>3</sup>/min baseline).



### Thermal Intelligence Package

#### Dynamic Water Curtain Technology:

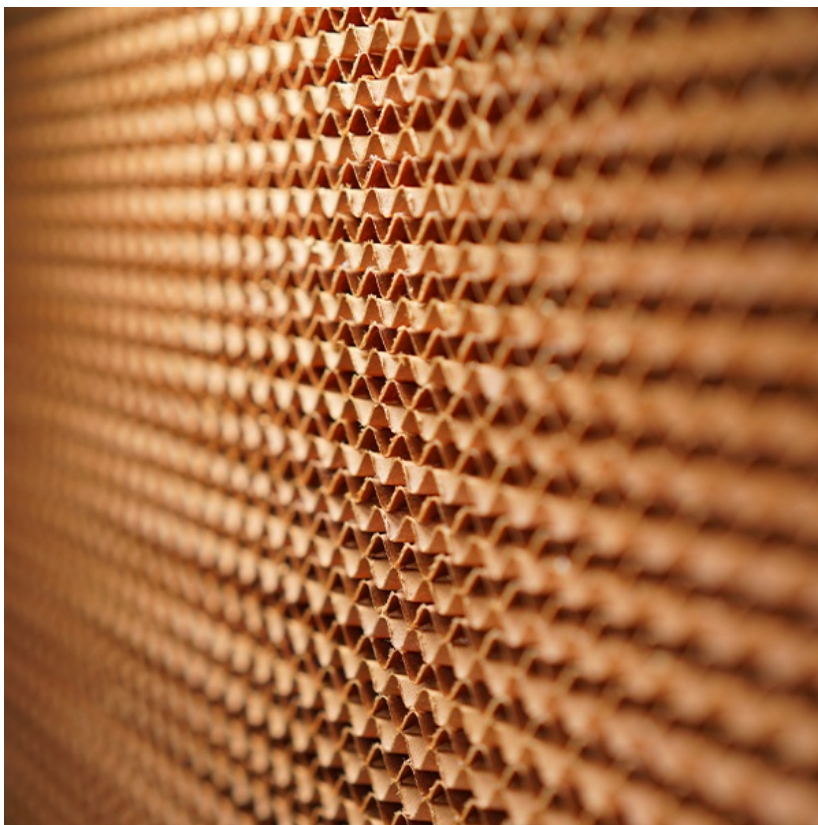
Achieves 15–20°C motor cooling via phase-change evaporation

Extends operational lifespan by 2,500+ hours in 5–40°C environments

#### Aerospace-grade Aluminum Exoskeleton:

205 W/m·K thermal conductivity (2.5× steel efficiency)

Anodized anti-corrosion surface withstands pH 4–11 kitchen vapors

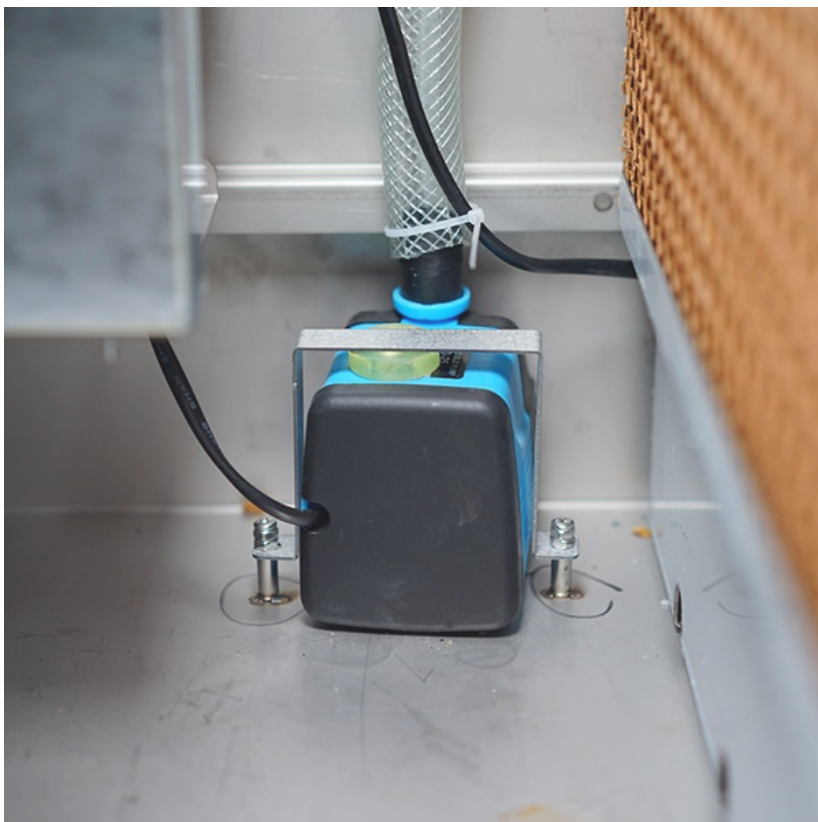


#### **Certified Excellence**

*Durability:* 3,000 accelerated aging cycles (85°C/85% RH)  
*Flow Consistency:*  $18 \pm 0.5$  m<sup>3</sup>/min across 90–240V input  
*Acoustic Control:* 53 dB(A) at 1m (EN 60704-3 test protocol)

#### **Smart Protection System**

Automatic overheat cutoff ( $\geq 85^\circ\text{C}$  coil temp)  
Real-time bearing wear monitoring via vibration sensors



#### **Adaptive Operation Modes**

*Domestic Mode:* 6 m<sup>3</sup> space optimization with 3-speed memory  
*Commercial Mode:* 12 ACH (air changes/hour) turbo extraction

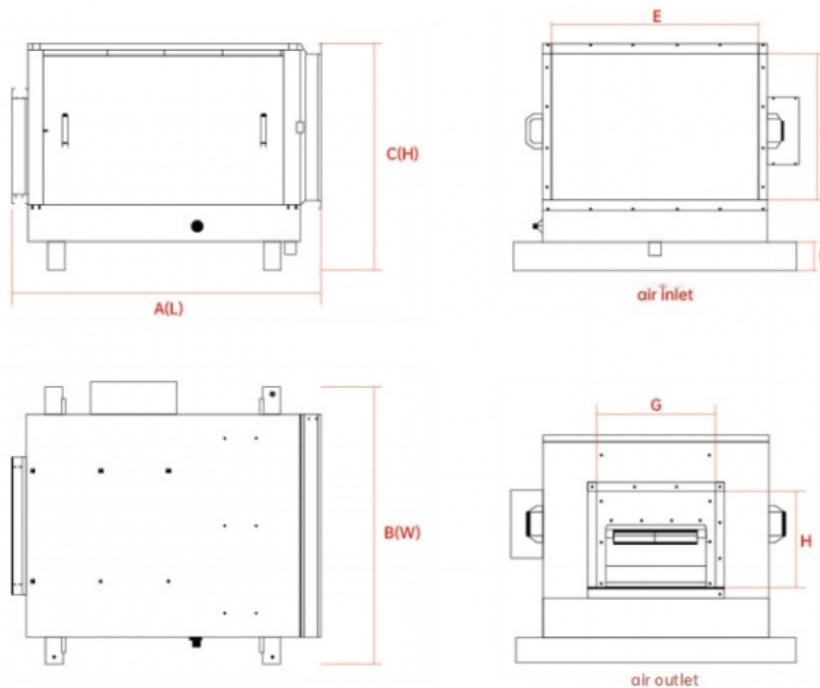
#### **Maintenance Revolution**

Magnetic seal filter panels (5-second access)  
Self-cleaning rotor design reduces 70% grease adhesion

## Product Parameters

Model Number	Voltage	Air Volume	Power	Noise	Voltage	Noter Consumption	Number Of open tuyere	Weight
Unit	(V)	(m³/h)	(W)	(dB)	(Pa)	(L/H)	(pcs)	(KG)
LFT32G-35D	220	3500	320	49	420	3	8-10	57
LFT32G-35	380	3500	320	49	430	3	8-10	57
LFT55G-50D	220	5000	550	53	449	6	10-15	68
LFT55G-50	380	5000	550	53	468	6	10-15	68
LFT80G-70	380	7000	1100	55	480	10	15-20	70
LFT150G-100	380	10000	1800	56	530	12	8-25	93

## Product Dimension Diagram



## Product Dimension Parameters

Model Number	A(L)	B(W)	C(H)	D	E	F	G	H	Flange thickness
LFT32G-35D	861	810	621	85	588	378	345	250	30*30
LFT55G-50D	941	840	686	85	618	443	355	290	30*30
LFT80G-70	941	840	686	85	618	443	355	290	30*30
LFT150G-100	991	940	729	85	718	486	425	300	30*30

## Company Profile

Guangdong Zhongdian Jiajin Environmental Technology Co., Ltd.



Originating from Foshan Nanhai Zhongxing Hardware Electrical Appliance Factory, which includes brands such as Zhongdian Fresh Air and Zhongdian Xinke, the company specializes in research, development, and manufacturing. The product line encompasses DKT external rotor air conditioning fans (both 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. As a modern national high-tech enterprise, the focus lies on EC frequency conversion digital energy-saving fans, with its manufacturing base situated in Foshan, Guangdong Province.

Since its founding in 1997, the company has consistently prioritized quality and actively cultivated its own brand, Zhongdian. It has successfully passed ISO9001, CE, and national CCC mandatory product certifications, and holds multiple utility model patents. In terms of overall strength and brand influence, the company is ranked among the top in the industry.

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

### **Company Philosophy**

Guided by the philosophy of "Technological Innovation, Respect for Talent, Reform and Innovation, Pursuit of Excellence," our company has integrated over ten state-of-the-art automation devices. Our testing laboratory complies with the national standard GB/T 1236-2017 "Performance Testing of Industrial Fans with Standardized Ducts" and operates under a rigorous 5S management system. We prioritize user experience and continuously strive to meet customer needs, making us a leader in the fresh air system market.

### **Quality and Service Commitment**

We adhere to the principle of "Quality First, Quantity Second," earning nationwide trust through our superior quality and performance. Our goal is to enhance our competitive edge in pre-sales, sales, and after-sales services while upholding our creed of "Customer First, Service Excellence." We are dedicated to ongoing product and service improvement, aiming to establish ourselves as 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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