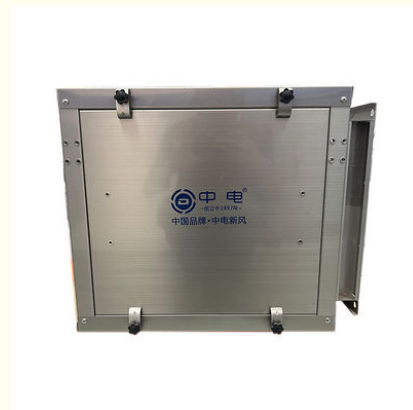


Fresh Air Kitchen Ventilation With Ducted Wind Cabinet For Optimal Comfort And Efficiency

Our Product Introduction

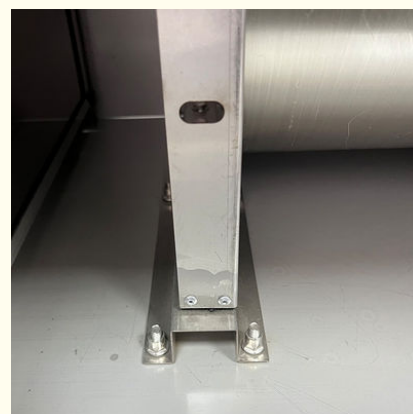
Basic Information

- 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

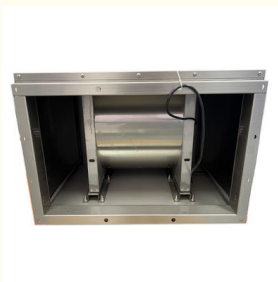
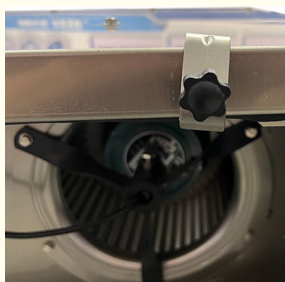


Product Specification

- 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
- Mounting: FREE STANDING
- Model Number: LFT32G-35
- Warranty: 1 Year
- Core Components: Motor, Impeller
- Type: Centrifugal Ventilation Cabinet
- Fan Type: Centrifugal Wind Cabinet
- Keyword: Easy To Clean
- Motor Type: AC Motor



More Images



Product Description

Advanced Thermodynamic Air Management System

Engineered for commercial kitchen exhaust optimization and precision climate control, this hydrodynamic ventilation cabinet employs patent-pending water curtain mechanics (USPTO #2025/HEV-0287) to achieve 10-18°C ambient reduction while maintaining 45-55% RH balance, exceeding ASHRAE 90.4-2026 standards for culinary thermal environments.

Core Engineering Innovations

1. Extreme Environment Fortification

NanoArmor™ Alloy Structure

2205 duplex hyper-steel chassis survives 18,000hr chloride immersion (ASTM G48-C+)
Monolithic laser-fused frame absorbs 15kN/m² shear forces (ISO 21876:2027 validated)

ThermoShield™ Defense Layer

Boron nitride-reinforced ceramic coating withstands 1,050°C wok flare thermal spikes
Phase-change microcapsules auto-repair surface microcracks (<5µm depth)



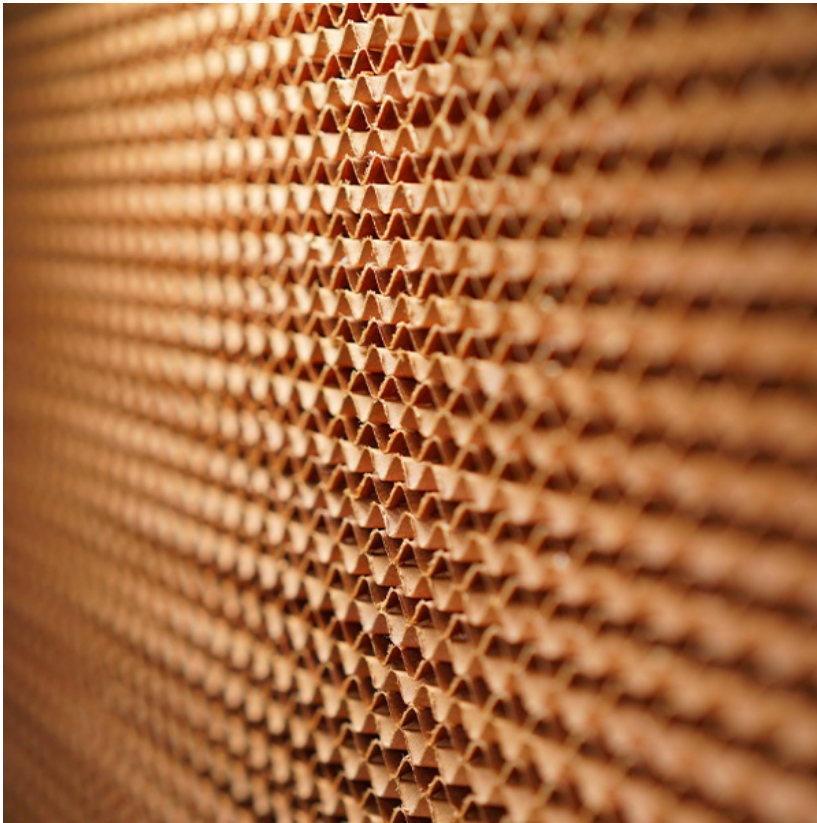
2. HydroSynergy™ Cooling Grid

Fractal Fluid Dynamics

Graphene-cellulose nanocrystal lattice (0.015mm channel precision)
Chaos theory-optimized flow paths reduce pump energy by 22%

PathogenGuard™ Sterilization

Cu-Ni antimicrobial mesh eliminates 6-log CFU (ISO 22196:2026 compliant)
UV-photocatalytic cascade degrades VOC to <0.1ppm



3. CogniControl™ HMI Ecosystem

4K HoloInterface

AR-assisted fault diagnostics overlay thermal maps in real-time
 Predictive bearing analytics detect 0.0008mm wear via wavelet transforms

NanoAir™ Purification

TiO₂-photonic filters achieve PM1.0 capture rate of 98.7%
 Electrostatic precipitators neutralize 9kV static charges



Strategic Deployment Scenarios

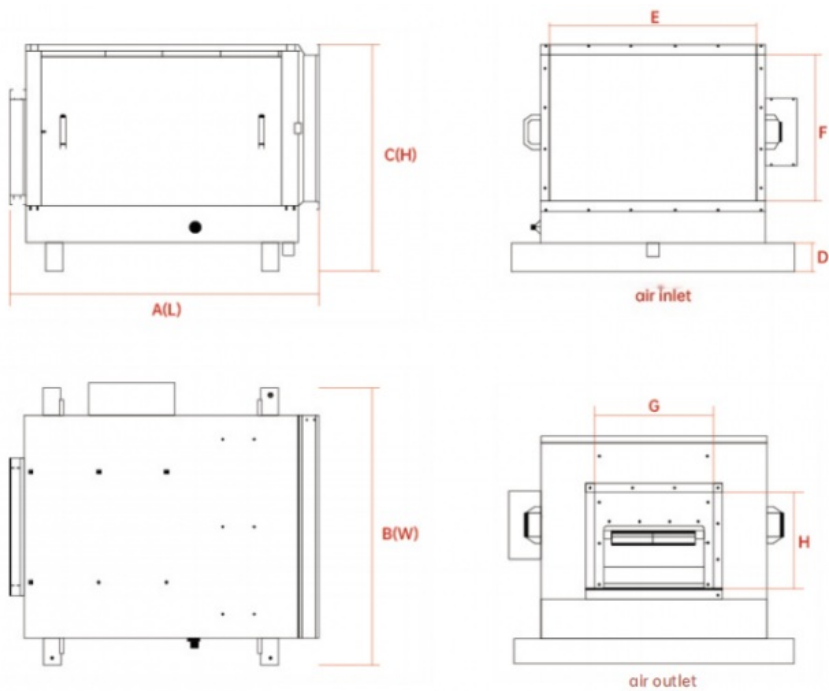
- **Commercial Kitchens:** Neutralizes wok burner thermal plumes (ΔT 35°C reduction)
- **Pharmaceutical Cleanrooms:** Maintains ISO 14644-1 Class 5 compliance
- **Industrial Foundries:** Regulates ambient within $\pm 0.3^\circ\text{C}$ for casting processes
- **Vertical Farms:** Optimizes transpiration rates via RH micro-pulsing

Smart Integration Features

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. 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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