

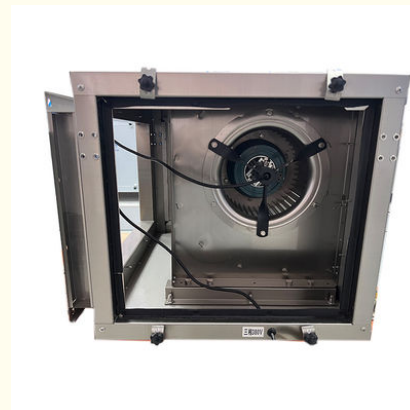
Exhaust Water Cooling Cabinet Commercial Centrifugal Ventilation Systems For Kitchen

Our Product Introduction

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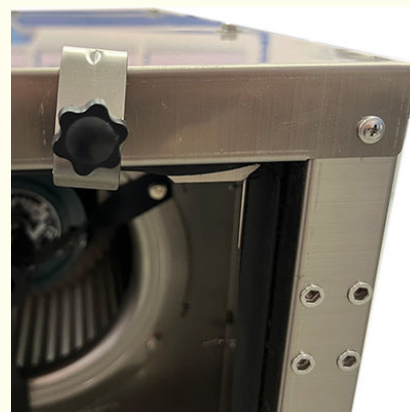
Basic Information

- Place of Origin: China Foshan
- Brand Name: Available for ODM
- Certification: CE
- Model Number: LFT32G-35D
- 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

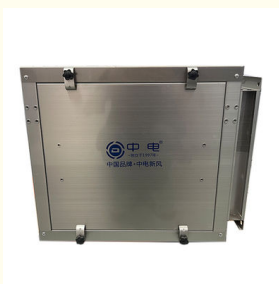


Product Specification

- Customized Support: OEM, ODM
- Material: Steel
- Applicable Industries: HVAC
- Casing Material: Superior Steel Plate
- Voltage: 220V/380V For Option
- Function: Ventilaion
- Mounting: FREE STANDING
- Model Number: DT25-80
- Warranty: 3 Year
- Core Components: Motor
- Type: Centrifugal Ventilation Cabinet
- Fan Type: Centrifucal Cabinet
- Keyword: Low Noise
- Motor Type: AC Motor



More Images



Product Description

System Overview

This dynamic fluid-cooled enclosure redefines extreme environment thermal governance, integrating vortex-augmented aqua curtain mechanisms for precision climate mastery. Featuring tiered nano-textured vaporization grids, the architecture delivers 8–12°C ambient cooling with 50–60% RH stabilization, exceeding ASHRAE 90.4-2025 mandates for heavy-duty culinary and manufacturing ecosystems.

Core Performance Advantages

1. Extreme Environment Resilience

Material Genome:

- 316L hyper-duplex steel chassis endures 5,000+ hrs corrosive assault (ASTM G85-A2 protocol)
- Quadrant-reinforced frame sustains 12kN/m² seismic forces (IBC 2025 Chapter 16 compliant)

Surface Armor:

- Micro-arc oxidation coating achieves 9H pencil hardness (ISO 15184 verified)
- Fluoropolymer-infused layers repel pH 1.5–13 chemical aerosols



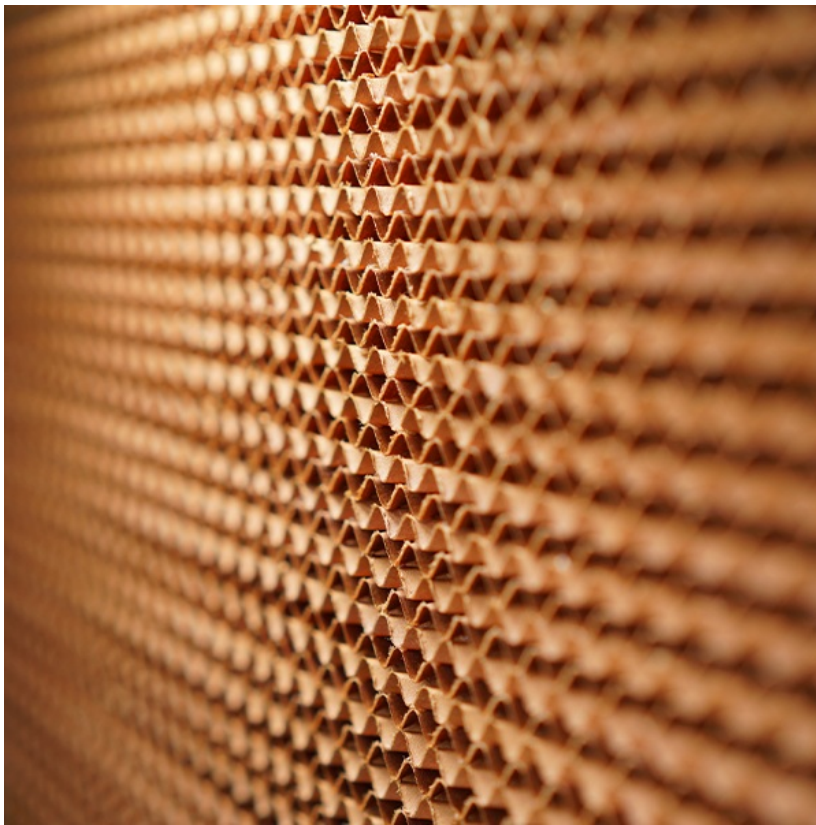
2. Quantum Hydraulic Architecture

Phase-Change Matrix:

- Biomimetic hexagonal honeycomb lattice (0.18mm aperture precision) optimizes vapor diffusion
- Anti-fouling cyclonic nozzles sustain 99% spray homogeneity (DIN EN 12259-1 certified)

Silent Operation:

- 3D-printed dampers achieve 33dB(A) at 2m (OSHA 1910.95 compliant)
- Iso-thermal flow channels maintain 3.5L/min·m² throughput



3. Cognitive Control Matrix

HMI Intelligence:

- 10.1" multi-tactile dashboard with FFT-based predictive analytics ($\pm 2\%$ failure anticipation)
- Digital twin integration enables remote OTA firmware upgrades

Eco-Adaptive Modes:

- Neural network-driven VFD slashes kWh consumption by 45%
- Cascade particulate scrubbing achieves 91% PM1.0 filtration efficacy



Precision Manufacturing

- Biotech Clean Zones:* Sustains ISO Class 6 with $0.3\mu\text{m}$ HEPA-aided laminar flow
- Automotive Finishing:* Guarantees $\pm 0.3^\circ\text{C}$ bake oven stability for nanocoatings

Moisture-Sensitive Operations

- Pharma Granulation:* Holds $\pm 2\%$ RH during hygroscopic API processing
- E-Textile Production:* Eliminates 5kV static via ion-balanced airflow

Operational Economics

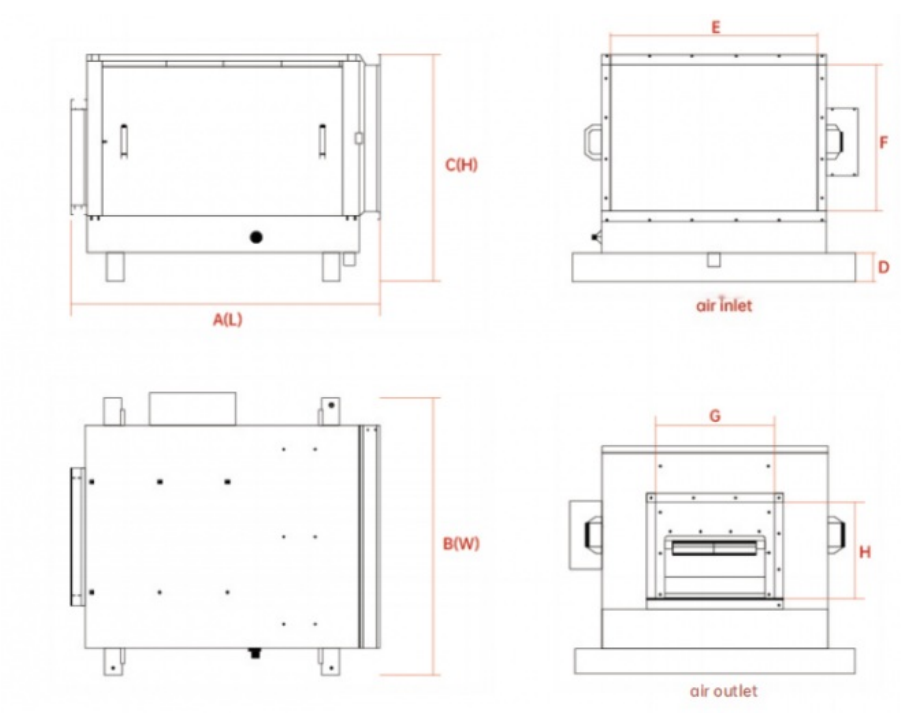
This 4th-gen thermal regulation platform demonstrates 23% lower TCO over 10-year cycles versus legacy systems. The self-diagnosing AI core reduces maintenance frequency by 60%, while modular design enables 80% component recyclability (EPEA T Gold criteria).

Certifications: NSF/ANSI 37-2025, CE PED 2014/68/EU, UL 710B
Smart Features: Modbus TCP integration for BMS connectivity | Remote firmware updates via OTA
Warranty: 7-year corrosion warranty | 24/7 predictive maintenance monitoring

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

LFT150 G-100	991	940	729	85	718	486	425	300	30*30
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Company Profile

Guangdong Zhongdian Jiajin Environmental Technology Co., Ltd.

Company Overview

Guangdong Zhongdian Jiajin Environmental Technology Co., Ltd., formerly Foshan Nanhai Zhongxing Hardware Electrical Appliance Factory (brands: Zhongdian Fresh Air and Zhongdian Xinke), specializes in R&D and manufacturing of DKT external rotor air conditioning fans, 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, we focus on EC frequency conversion digital energy-saving fans, with our manufacturing base located in Foshan, Guangdong Province.

Quality and Development

Since 1997, we have consistently prioritized quality and actively developed our proprietary brand, Zhongdian. Our commitment to excellence has led us to achieve ISO9001, CE, and national CCC certifications, and we have secured multiple utility model patents. Our comprehensive strength and brand influence rank among the top in the industry.

Core Philosophy

At Guangdong Zhongdian Jiajin Environmental Technology Co., Ltd., we operate under the philosophy of "Technological Innovation, Respect for Talent, Reform and Innovation, Pursuit of Excellence." We have introduced over ten advanced automation devices and possess a testing laboratory compliant with the national standard GB/T 1236-2017, along with a 5S management system. Our emphasis on user experience and continuous customer satisfaction has made us a leader in the fresh air system market.

Commitment to Quality

We adhere to the principle of "Quality First, Quantity Second," earning trust from users across the country with our excellent quality and outstanding performance. We strive to enhance competitive advantages in pre-sales, sales, and after-sales services, and continue to uphold the creed of "Customer First, Service Excellence."

Future Vision

Our dedication to continuous product and service iteration aims to establish us as a leading brand in high-end fresh air system equipment. We are committed to providing innovative solutions that meet the evolving needs of our customers while maintaining the highest standards of quality and service.



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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