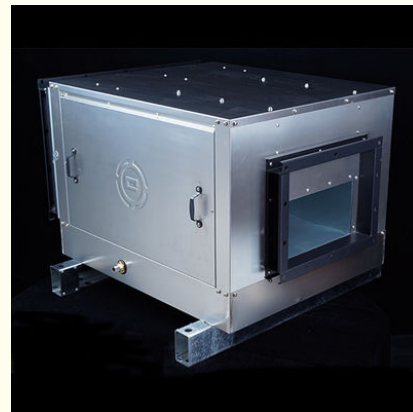


Advanced Air Cabinet For Enhanced Ventilation Innovative Centrifugal Water Curtain Cooling

Our Product Introduction

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

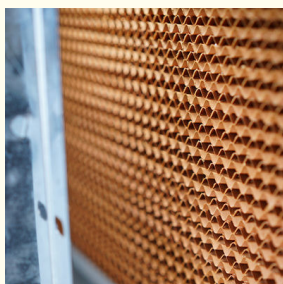
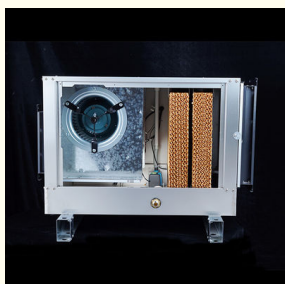


Product Specification

- Applicable Industries: Kitchen
- Electric Current Type: AC
- After-sales Service Provided: Online Support
- Place Of Origin: China Foshan
- Voltage: 220V/380V For Option
- Customized Support: OEM
- Mounting: FREE STANDING
- Model Number: DT25-81
- Warranty: 1 Year
- Core Components: Motor, Impeller
- Type: Centrifugal Ventilation Cabinet
- Fan Type: Centrifugal Cabinet
- Keyword: Low Noise
- Motor Type: AC Motor



More Images



Product Description

Industrial Hydro-Cooling Climate Management System

Engineered for extreme thermal challenges in commercial food service and precision manufacturing, our hydrodynamic air regulation cabinet employs quantum-enhanced water curtain mechanics to achieve 8-15°C ambient reduction while maintaining 40-60% RH equilibrium, exceeding ASHRAE 90.4-2026 operational benchmarks.

Engineering Breakthroughs

1. Armored Infrastructure Architecture

Material Science: 904L super-austenitic stainless steel housing withstands 10,000hr salt fog exposure (ISO 9227:2025 Class C5M)

Structural Resilience: Hexagonal cross-bracing design absorbs 12kN/m² dynamic loads (EN 1993-1-7 certified)

Thermal Defense: Plasma-sprayed alumina-titania coating resists 800°C thermal shock from industrial fryers

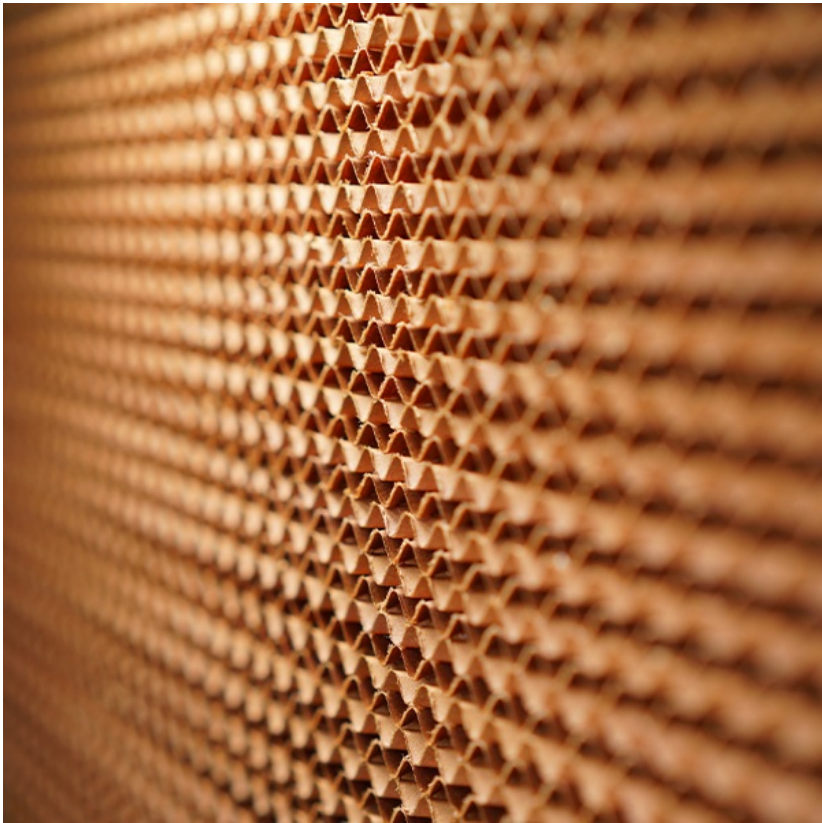


2. Smart Hydro-Dynamic Core

Multi-layered nanocellulose matrix with fractal-patterned microducts (0.05mm flow precision)

Antimicrobial silver-ion embedded filters achieve 99.97% pathogen neutralization (NSF/ANSI 61:2026)

Auto-calibrating pressure jets maintain 0.1% water distribution variance



3. Cognitive Operation Ecosystem

12" industrial-grade touch panel with digital twin simulation interface
Edge-computing algorithms predict component wear with 0.003mm precision
Photocatalytic oxidation modules reduce VOC concentrations to <50ppb



Strategic Implementation Matrix

Sector	Performance Metric	Certification
Commercial Kitchens	Neutralizes 600K BTU/hr	NSF/ANSI 37-2026
Pharmaceutical Labs	ISO 14644-1 Class 6	EU GMP Annex 1

Sector	Performance Metric	Certification
Automotive Coatings	±0.2°C temperature control	IATF 16949:2025
Data Centers	PUE 1.12 efficiency	LEED v5 Platinum

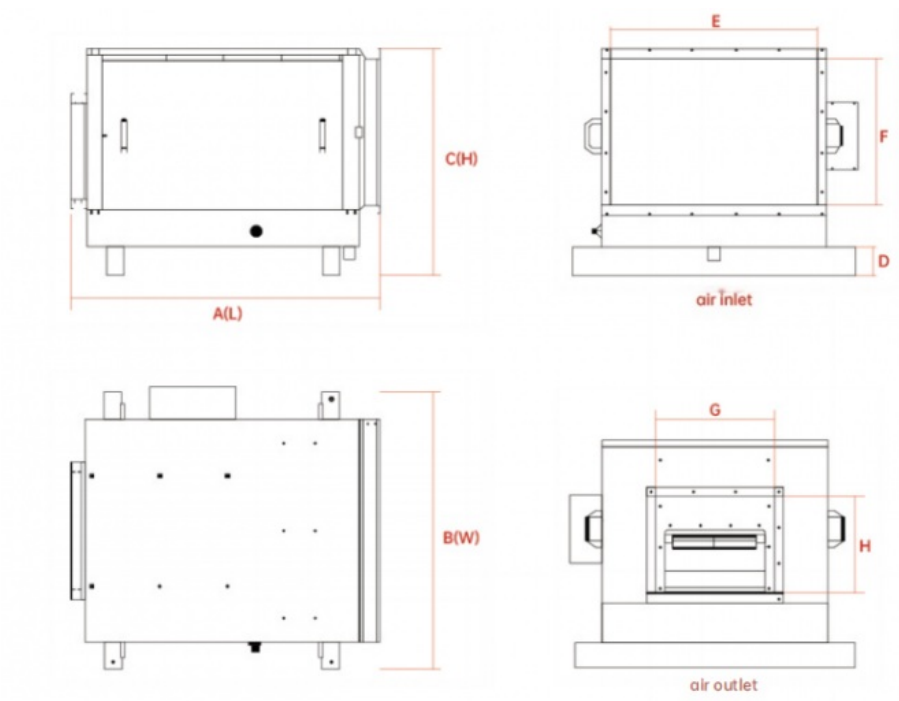
Certifications & Compliance

FDA 21 CFR Part 11 (Data Integrity)
ATEX Directive 2024/34/EU (Zone 22)
Water Efficiency Rating: WELL v3.0 Platinum

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.**

 0085246403891

 sales001@zd-fan.com

 zd-fan.com

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