





Integrated Exhaust Hood Purification Unit

MAYAIR TECHNOLOGY CHINA



美族(中国) 环境科技股份有限公司 MayAir Technology(China) Co., Ltd.

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MAYAIR TECHNOLOGY CHINA

For more than twenty years of assiduous research in high-grade air purification technology, MayAir has formed competitive advantages in technology, products, channels, brands, and services, rendering services for HUAWEI, State Grid, Apple, INTEL, LONGFOR and other Fortune 500 companies.

To provide customers with efficient, energy-saving, silent, low-carbon, and green products, MayAir has given full play to the comprehensive advantages in its technology, including using composite technology to achieve efficient energy saving and governance of kitchen exhaust, and integrating high-pressure ionization, UV photolysis, broad-spectrum adsorption technology, and operation and maintenance of big data intelligent IoT.

MayAir has also taken active measures to follow the national development concept by integrating ESG concept into its operation, building competitive systems and frameworks, investing in outstanding talents and internationally leading laboratories, and making continued efforts in innovation. The company has been successfully listed on the STAR market in 2022. Its global manufacturing center, covering a total area of 100,000 square meters, boasts advanced production and management technology and intelligent manufacturing technology, but also is strict with each link. It is determined to embark on the internationalized path of high-quality green development.







R&D Centers



National Sales Outlets

THE FIRST STOCK

The 1st Listing Enterprise on the STAR Market of Air Purification











Listed in STAR market (stock code: 688376)



National CNAS accredited laboratory



Manufacturing Individual Champion enterprise



National SRDI "little giant" enterprise



One of top ten enterprises of oil fume purifiers supported by the government for old-for-new exchange



Member of kitchenware manufacturers association in many cities



Recommended List of High Quality Products for the Prevention and Control of Fume Pollution in the Catering Industry in Nanjing in 2024



2023 Outstanding Brand Supplier Award for Recommended Oil Fume Purifiers by HOTELN

AUTHORITATIVE CERTIFICATION









Underwriter Laboratories Inc.

American Society of

Heating, Refrigerating

and Air-Conditioning

Engineers, Inc.



EU CE safety



Electromagnetic compatibility



protection product



Ingress protection certification



China National CNAS Accreditation Service for Conformity Assessment



China Metrology Accreditation

Strong R&D and experimental capabilities in the industry



Professional testing engineer team



Take the lead in establishing test benches in China that conform to EU EN1822/EN779/ ISO16890 standards



Perfect testing technology and testing equipment



2,000 square meters R&D and testing space 30+ laboratories

Some Tests Related to Exhaust System



Efficiency / resistance / ozone test



Acid and alkali resistance test



Electrical aging test



Fire- / water-proof test



Noise laboratory



Fan dynamic balance laboratory

Industrial Manufacturing 4.0

INTELLIGENT MANUFACTURING















Independent production line for fans

A MORE HUSTLE AND BUSTLE LIFE, A CLEANER FUTURE

MayAir Group acquired CA

Circul-Aire Canada (hereinafter referred to as "CA"), headquartered in Montreal, Canada, is a global leader in climate and air purification solutions, boasting 62 years of management experience in the air treatment industry.

Based on a sustainable development concept of "A more hustle and bustle life, A cleaner future", CA is committed to creating a high-end brand for treating and purifying kitchen fumes.

The FP series has provided deodorizing and purifying equipment solutions for the world's tallest free-standing tower, the Burj Khalifa Tower, so that people can enjoy a high-quality clean environment and quality life even in the desert city. It is such service that demonstrates CA's professional capabilities in providing odor removal solutions and commitment to high-quality living, while also showcasing its extensive services and influence globally.

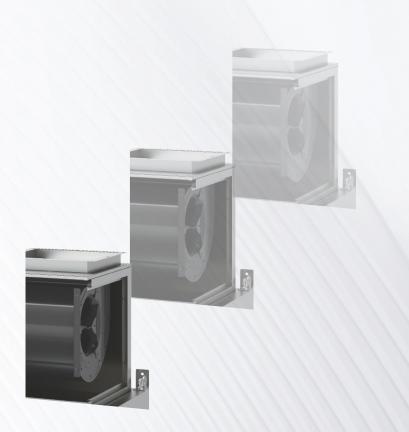
MayAir Group acquired GTG

Independent brand of fans, enhancing competitiveness in system integration

Going To Green (GTG), established in 2001, is a professional manufacturer specializing in the R&D, production, and sales of fans, with over 20 years of experience in ventilation system solutions. With a professional R&D team, sound testing equipment, and scientific production management, the company has developed various types of products with low noise, high air delivery, high efficiency, and long life. It will keep making breakthroughs and innovating, and strive to become a manufacturer and service provider that provides a full range of ventilation system solutions.

GTG boasts one domestic production base (Wuxi base) and two overseas production bases (Malaysia base, Vietnam Ho Chi Minh base), a R&D center in Malaysia, and 14 offices in Nanjing, Shanghai, Beijing, Guangzhou, Fuzhou, Xi'an, Nanning, Zhengzhou, Hefei, Yunnan, Malaysia Kuala Lumpur and Johor Bahru, Singapore, Vietnam and other regions.





MAYAIR TECHNOLOGY CHINA

Integrated Exhaust Hood Purification Unit



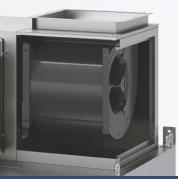
Sub-brands work in union, giving full play to the complete machine



Wide-area strong absorption Enable a fume-free space

- Instant absorption, efficient energy-saving
- Oil fume is collected without overflowing
- Operating noise as low as 60 dB under nominal air delivery





- Pure copper motor
- Outer rotor
- Double air inlets
- Centrifugal fan
- Large air delivery

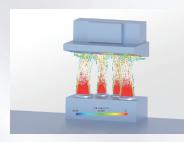
All fans have passed the 2000h aging tests, and have met strict standards in static and dynamic balance before leaving the factory

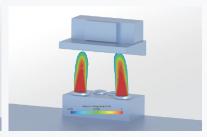
CFD Simulation Technology

The CFD (computational fluid dynamics) is a technology that uses computers to perform numerical simulations to analyze such physical phenomena as fluid flow and heat transfer.

Improper design of the range hood can directly lead to the scattering of oil fumes, affecting the collection effect and the user experience.

MayAir's integrated exhaust hood purification unit utilizes CFD simulation technology, in combination with scientific and reasonable data algorithms, to establish a physical model, simulate the fume exhaust situation of different restaurants, adjust the structure, model and configuration of the unit to the optimal level, and verify by practice, so that the highest cost-effectiveness of the product can be achieved.





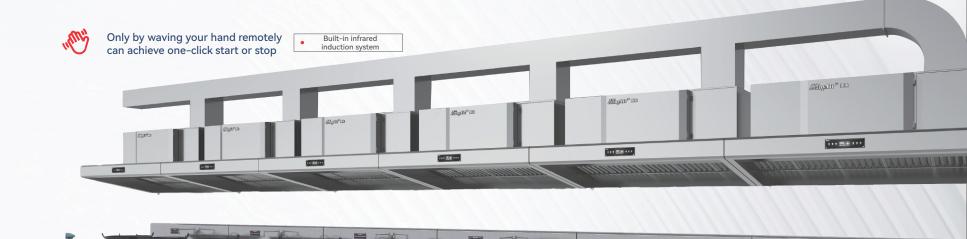


Remote start and stop Enjoy the convenience of intelligence

Digital display color screen

Touchable panel

Remote start and stop



Development History of High-Voltage Electrostatic Technology





- Stainless steel sawtooth discharge
- High-quality large ceramic insulator
- Stainless steel spring conductor
- Convenient ring pull for easy disassembly

INTELLIGENT IOT PLATFORM

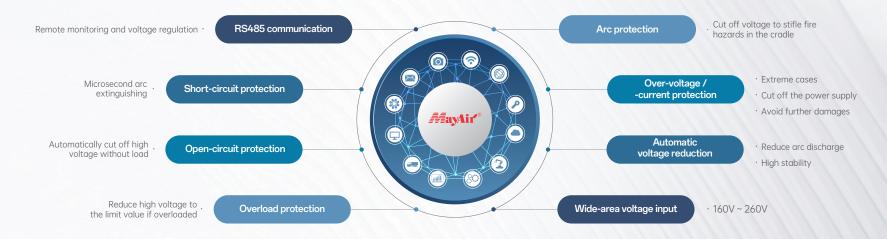


Intelligent IoT Power Supply

Intelligent, multi-protection, ultra-secure

- I The integrated exhaust hood purification unit comes complete with a smart communication interface that enables remote web/mobile app human-machine interaction.
- I The equipment's operating status, voltage, current, power fault diagnosis and other data are clearly visible and under your control.

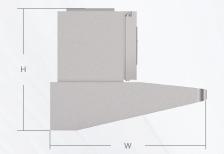






98% Efficiency - FP-PRO Integrated Exhaust Hood Purification Unit Stepless speed regulation Dual screen dual display





Model	EAC-KE-FP020W13-PRO	EAC-KE-FP022W13-PRO	EAC-KE-FP024W13-PRO		
Nominal air delivery (CMH)		2000 ~ 5000			
Purification efficiency	≥98%	≥98%	≥98%		
Overall dimension (L×W×H (mn	n)) 2000×1300×1000	2200×1300×1000	2400×1300×1000		
Air outlet dimension (A×B m	m) 400×400	400×400	400×400		
Purification power (W)	350	350	350		
Fan power (W)	1300	1300	1300		
Total power (W)	2500	2500	2500		
Housing material	201 s	201 stainless steel (optional 304 stainless steel)			
Optional		Activated carbon / width 1100mm			
Weight (kg)	230	235	245		
Input power		380V/AC/3P/50Hz			

- can be selected as needed
- 1. Hoods with different air deliveries can be spliced together as a whole according to size
 2. Air outlets with different directions (up, front, rear)
 3. Purifiers with a width of 1300mm are suitable for furnaces with a width less than 1.2m, and purifiers with a width of 1100mm suitable for furnaces with a width less than 1m
 - 4. The purifier comes complete with a fire damper board, oil flinger, stainless steel mesh, two-stage purification electric field, UV lamp and fan

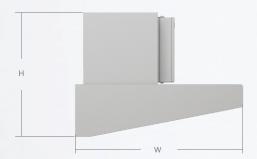
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98% Efficiency - FP-PLUS Integrated Exhaust Hood Purification Unit

Low noise No visual fume

Suitable for cooking Sichuan, Hunan and Anhui cuisine (with high vapor content)





Model	EAC-KE-FP018W13-PLUS	EAC-KE-FP020W13-PLUS	EAC-KE-FP022W13-PLUS	EAC-KE-FP024W13-PLUS
Nominal air delivery (CMH)	3600	4000	4400	4800
Purification efficiency	≥98%	≥98%	≥98%	≥98%
Overall dimension (L×W×H (mn	n)) 1800×1300×960	2000×1300×960	2200×1300×960	2400×1300×960
Air outlet dimension (A×B m	nm) 380×380	380×380	380×380	380×380
Purification power (W)	200	200	200	200
Fan power (W)	850	1100	1100	1100
Total power (W)	1900	2200	2200	2200
Housing material		201 stainless steel (option	onal 304 stainless steel)	
Optional		Nickel-plated mesh / gas-liquid mesh / UV lamp / activated carbon / width 1100mm / fan		
Weight (kg)	218	223	230	238
Input power		380V/AC,	/3P/50Hz	

- 1. Hoods with different air deliveries can be spliced together as a whole according to size

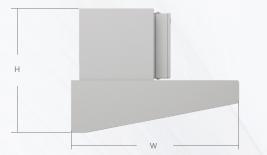
 2. Air outlets with different directions (up, front, rear) can be
- selected as needed
- 3. Purifiers with a width of 1300mm are suitable for furnaces with a width less than 1.2m, and purifiers with a width of 1100mm suitable for furnaces with a width less than 1m 4. Noise level is less than 60 dB
- 5. The purifier comes complete with a fire damper board, oil flinger, stainless steel mesh, two-stage purification electric field, and fan

95% Efficiency - FP-S Integrated Exhaust Hood Purification Unit

Low noise No visual fume

Suitable for cooking Shandong, Jiangsu, Zhejiang, Guangdong and Fujian cuisine





Model	EAC-KE-FP018W13-S	EAC-KE-FP020W13-S	EAC-KE-FP022W13-S	EAC-KE-FP024W13-S		
Nominal air delivery (CMH)	3600	4000	4400	4800		
Purification efficiency	≥95%	≥95%	≥95%	≥95%		
Overall dimension (L×W×H (mm)) 1800×1300×960	2000×1300×960	2200×1300×960	2400×1300×960		
Air outlet dimension (A×B mm	a) 380×380	380×380	380×380	380×380		
Purification power (W)	200	200	200	200		
Fan power (W)	850	1100	1100	1100		
Total power (W)	1800	2000	2000	2000		
Housing material		201 stainless steel (optional 304 stainless steel)				
Optional	N	Nickel-plated mesh / gas-liquid mesh / UV lamp / activated carbon / width 1100mm / fan				
Weight (kg)	215	220	227	235		
Input power		380V/A	.C/3P/50Hz			

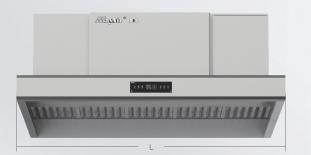
- 1. Hoods with different air deliveries can be spliced together as a whole according to size

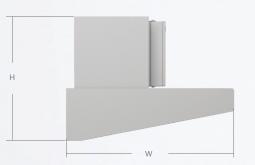
 2. Air outlets with different directions (up, front, rear) can be
- selected as needed
- 3. Purifiers with a width of 1300mm are suitable for furnaces with a width less than 1.2m, and purifiers with a width of 1100mm suitable for furnaces with a width less than 1m 4. Noise level is less than 60 dB
- 5. The purifier comes complete with a fire damper board, stainless steel mesh, two-stage purification electric field, and fan

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90% Efficiency - FP-SE Integrated Exhaust Hood Purification Unit

Low noise High altitude emissions





Model EA	C-KE-FP016W13-SE	EAC-KE-FP018W13-SE	EAC-KE-FP020W13-SE	EAC-KE-FP022W13-SE	EAC-KE-FP024W13-SE	
Nominal air delivery (CN	//H) 3200	3600	4000	4400	4800	
Purification efficiency	≥90%	≥90%	≥90%	≥90%	≥90%	
Overall dimension (L×W×H (mm))	1600×1300×960	1800×1300×960	2000×1300×960	2200×1300×960	2400×1300×960	
Air outlet dimension (A×B mm) 380×380	380×380	380×380	380×380	380×380	
Purification power (W)	250	250	250	250	250	
Fan power (W)	850	850	1100	1100	1100	
Total power (W)	1800	2050	2050	2050	2050	
Housing material		201 stainless steel (optional 304 stainless steel)				
Optional		Nickel-plated mesh / gas-liquid mesh / activated carbon / width 1100mm / fan				
Weight (kg)	185	200	205	210	220	
Input power			380V/AC/3P/50Hz			

- 1. Hoods with different air deliveries can be spliced together as a whole according to size

 2. Air outlets with different directions (up, front, rear) can be
- selected as needed
- 3. Purifiers with a width of 1300mm are suitable for furnaces with a width less than 1.2m, and purifiers with a width of 1100mm suitable for furnaces with a width less than 1m 4. Noise level is less than 60 dB
- 5. The purifier comes complete with a fire damper board, stainless steel mesh, single-stage purification electric field, UV lamp, and fan

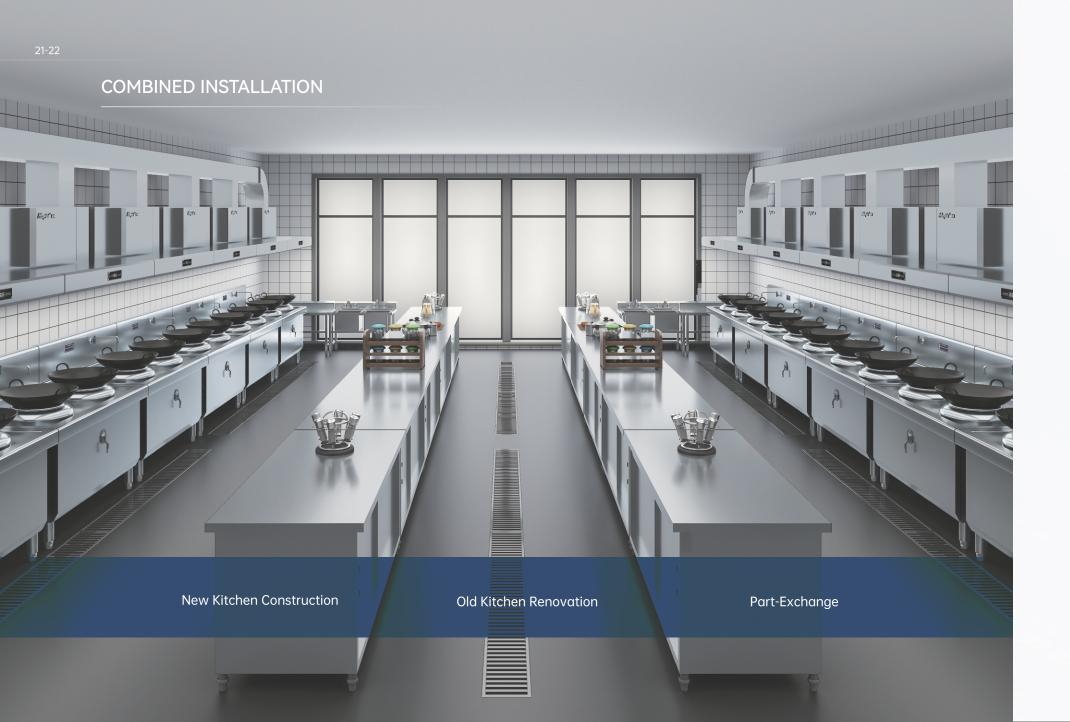
85% Efficiency - FP-L Dynamic Interception Integrated Exhaust Hood Purification Unit Low noise

Suitable for Western cuisine, as well as steaming and cooking Alloyaltin ass 111 ## 111

Model E	AC-KE-FP016W13-L	EAC-KE-FP018W13-L	EAC-KE-FP020W13-L	EAC-KE-FP022W13-L	EAC-KE-FP024W13-L
Nominal air delivery (C	MH) 3200	3600	4000	4400	4800
Purification efficiency	≥85%	≥85%	≥85%	≥85%	≥85%
Overall dimension (L×W×H (mm)	1600×1300×960	1800×1300×960	2000×1300×960	2200×1300×960	2400×1300×960
Air outlet dimension (A×B mr	n) 380×380	380×380	380×380	380×380	380×380
Fan power (W)	850	850	1100	1100	1100
Total power (W)	1650	1800	1800	1800	1800
Housing material		201 stainle	ess steel (optional 304 stai	nless steel)	
Optional	Nickel-plated mesh / gas-liquid mesh / width 1100mm / fan				
Weight (kg)	180	185	190	197	205
Input power			380V/AC/3P/50Hz		

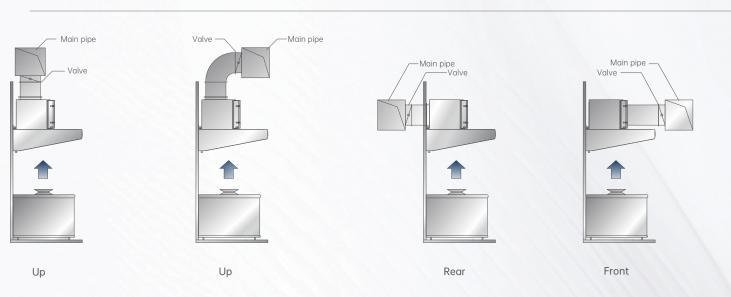
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- 5. The purifier comes complete with a fire damper board, oil flinger, stainless steel mesh, and fan

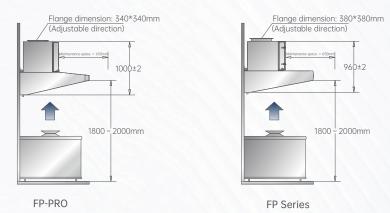


Schematic Diagram of the Integrated Exhaust Hood Purification Unit

Air Outlet Direction Diagrams



Installation Diagrams



Notes:

- 1. The wind speed from the hood surface should be greater than 0.5m/s;
- 2. The plane size of the hood should be 100mm larger than the size of the stove edge, and the distance from the bottom to the stove surface should not be greater than 1000mm;
- 3. The recommended wind speed for the hood main pipe is 7-9 m/s.

SUCCESS CASES





































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BUSINESS CASES

Urban complexes	
SCE Group	Shenzhen Yuanyang Plaza
LONGFOR Group	Suzhou Vitality Island
RGE Group	Huizhou Walmart Sam's Club
China Merchants Property	Foshan Nanhai Longyu Commercial Center
Sun Hung Kai Properties	Shanghai Legoland
CITIC Tower	Hangzhou / Xiamen ByteDance
Chengdu SKP	Suzhou Shishan Square
The Landmark 81	Spring City
Tianjin Kerry Centre	Raffles City
Xiamen COFCO Joy City	CHINA RESOURCES MIXC
Chaoyangmen Galaxy SOHO	Guangzhou Dongfeng Plaza
Suzhou Central Plaza	Beijing Daxing International Airport
Sanya Hi Place	WFJ Brand Center
Xinjiangwancheng Douyin Park	Shanghai Qibaobao Baolong Plaza
Suzhou Modern Service Plaza	Parkview Green Fangcaodi, Beijing
Meizhou Tianhong Shopping Mall	Suzhou Fortune Plaza
Shenzhen Lenovo Tailun Plaza	Beijingxi Railway Station
Xiong'an Business Service Center	Hangzhou Intime City
The International Beer City of Qingdao	Nanjing Lukou International Airport

 Enterprises and public institut 	tions
Guangzhou Baiyun International Airport	Bank of China
Xiamen International Conference & Exhibition Center	Wuxi / Chengdu Huahong
Shenzhen Tianyin Building	Shanghai Stadium
Shenzhen Women and Children's Building	Suzhou Junao Hospital
China National Convention Center II	Nansha Gymnasium
All-China Federation of Trade Unions	Shanghai Tianma
Suzhou Taikang Community	Changshu TOYOTA
Beijing Jixiang Building	Bosch Beijing Factory
Beijing New Times Building	Beijing Diaoyutai State Guest House
Beijing Bishui Building	Beijing Municipal Administrative Center
Wuhan CSCEC Guanggu Zhixing	Shenzhen Alibaba Cloud Building
Beijing Mercedes-Benz Factory Canteen	Jiangsu / Beijing State Grid
Market Supervision and Administration Bureau of Xicheng District	Shanghai TSP Building
People's Armed Forces Department of Beijing Xicheng District	Shenzhen Gymnasium
China Export & Credit Insurance Corporation	n Hainan Medical University
ADBC	China Central Place, Suzhou
Peking University Sixth Hospital Canteen	Hubei Center for Disease Control and Prevention
Peking Union Medical College Hospital Canteen	Vivo Manufacturing Center (India)
Haidian Hospital Canteen	Guangzhou NCI Building

0	Starred Hotels & Restaurants	
	The Westin Zhongshan Hotel	Shanghai Pizza Hut
	Xiong'an International Hotel	Yangle Yizhan Laziji
	International Conference Hotel, Nanjing	Beihai Xiaochun Rihe
	Grand Soluxe Zhongyou Hotel, Shanghai	Hunan Fei Chef
	Grand Metropark Hotel, Beijing	Hangzhou Xinfaxian Chain Restaurant
	Huafeng Hotel, Beijing	Beijing Jinyonghe Barbecue Garden Restaurant
	Beijing Jingyi Hotel	Beijing Xingyuan Restaurant
	Beijing Zhongjian Hotel	Jinbaiwan Beijing Xingfu Building
	China Resources Hotel	Beijing Xiaojungan
	Lake View Hotel	Beijing Zhangliang Malatang
	Sheraton Nanjing Kingsley Hotel & Towers	Beijing Jufuyuan
	Grand House Xiangshan Hotel	The Westin Xi'an / Heifei
	Hangzhou Intime City Haiwei Hotel	Hilton Ningbo/Lanzhou Hotel
	Capital Hotel	Shangri-La Hotel Qiantan / Kunming / Shanghai
	Guangzhou Donghai Hotel	Wanda Hotel
	Sofitel Guangzhou Sunrich Hotel	Beijing Zhaolin Hotel
	Gloria Plaza Hotels	Sheraton Dayi Hotel
	Hangzhou Wulin Prefecture	Grand Hyatt Dalian
	Holiday Inn Shanghai Vista	Kempinski Hotel Chongqing

Universities and colleges	
Nanjing University, Suzhou Campus	Shanghai Baoshan School
Beijing National Day School	KCISCS
Beijing No.161 High School	Nanjing University of the Arts
Yanhua Middle School Attached To Beijing Normal University	Jiangsu Luhe Senior High School
Beihai Kindergarten	Beijing French International School
Qingdao Party School of CPC	Haikou Party School of CPC
Party School of the CPC Wuhan Municipal Committee	Chang'an Bubugao Experimental School
Jianghuai College of Anhui University	Ningbo Zhonggongmiao Second Junior High School
International Diplomatic Academy of Tunis	Beijing Information Science and Technology University
Jiangsu Normal University	Pengzhou Party School of CPC
The High School Affiliated to Beijing Normal University	Beijing No.4 High School, Xiong'an Campus
Buddhist Academy of Zhejiang	Beijing Huijia Vocational College
China University of Political Science and Law	Shanwei Campus of South China Normal University
Western Academy of Beijing	Yangzhuang Primary School
Beijing 101 Middle School	Beijing Jiahui School
Hainan Medical University	Chengdu Jiaxiang Foreign Languages School
The High School Affiliated to Beijing Normal University	Qingdao Oriental Movie Metropolis International School
Shanghai German and French School	Beijing Chaoyang Kaiwen Academy
Beijing Jingshan School	Primary School with Nine Years Program in Anting New Town, Jiading District

SOCIAL RESPONSIBILITY





MayAir persists in independent research and technology upgrade, keeps exploring in the currents of low-carbon energy conservation, and responds to the national strategies of carbon peak and carbon neutrality. By connecting the pulse of the times with a broader perspective, MayAir strives to create more possibilities for the air purification industry. During its business period, MayAir has launched a hottest chemical filtration product in the semiconductor market, which uses renewable cation exchange fibers to remove ammonia in clean rooms without producing any solid waste, and obtained relevant intellectual property rights. At the same time, its ultra clean energy-saving fan filter unit can reduce energy consumption by more than 8% through optimization. In the long development course of single filters, equipment energy management, overall delivery of clean rooms, and full chain value of social ESG, MayAir is always committed to creating energy-saving, efficient, and truly low-carbon air purification system solutions, making cleanliness visible and energy saving visible.









ENVIRONMENTAL

SOCIAL

GOVERNANCE









PROFIT

