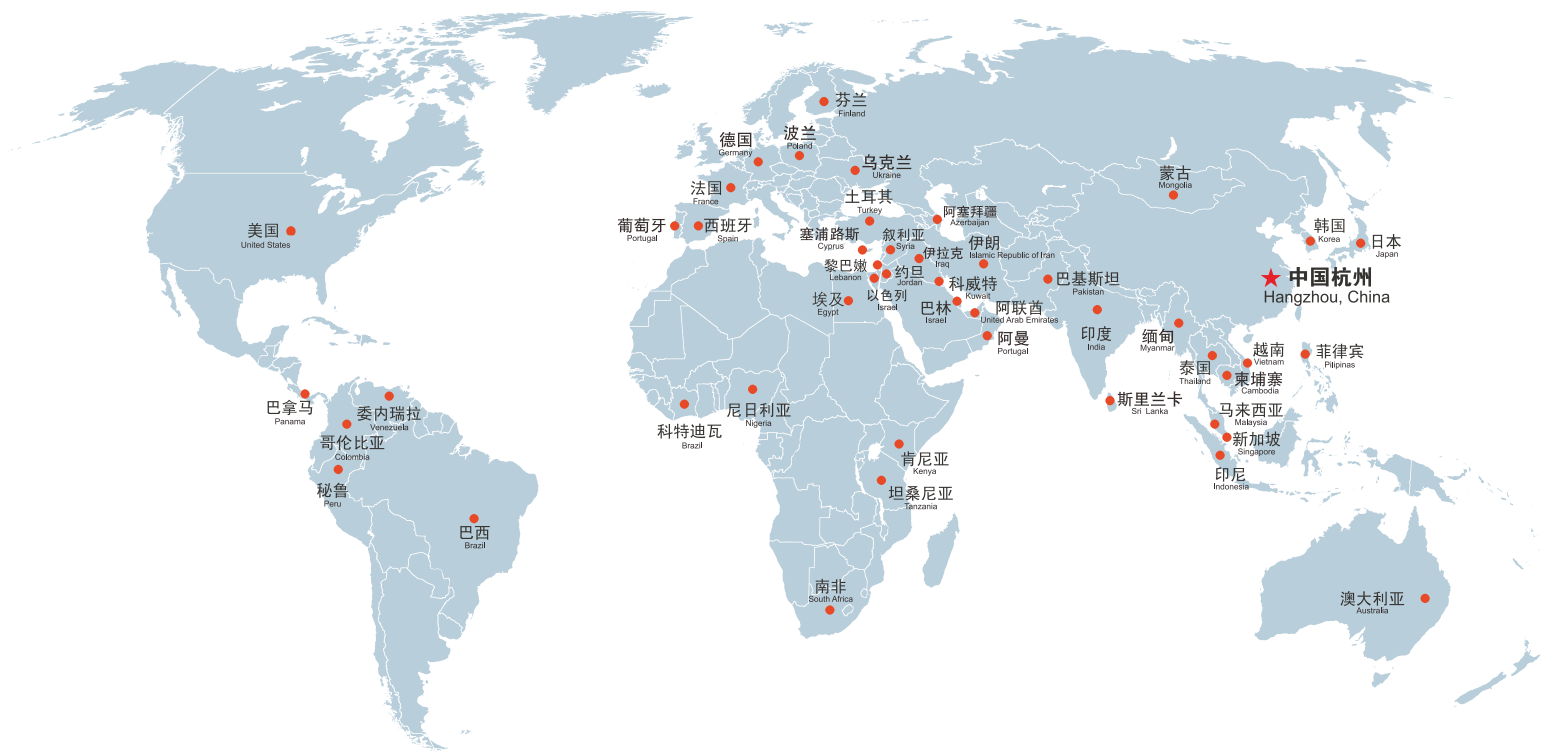


诚信 高效 卓越 创新
Honesty Efficiency Excellence Innovation



电梯专用空调器
Elevator Air Conditioner

空气净化器
Elevator Air Purifier



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扫一扫，了解更多
Sweep up and learn more

产品的设计规格、功能、性能参数等方面可能有所变动，恕不另行通知，请以实机为准。
Design specifications, functions, performance parameters and other aspects of the product may be changed without prior notice, please refer to the actual machine.



企业简介

CORPORATION INTRODUCTION

公司位于杭州城西余杭区绿城中泰工业园，初创于1996年，专业研发制造电梯轿厢空调器、电梯轿厢空气净化器、液压电梯油冷却器等产品，并致力于特种行业无水空调、空气净化、通风节能等领域的研究，集设计开发、生产制造、销售服务、安装维保为一体，为电梯轿厢空气提供最佳解决方案。

公司竭尽全力满足客户的不同需求，所供应的“和山”牌电梯专用空调种类齐全，分为TK和NK两大系列，制冷量范围从900W到5300W，有50Hz和60Hz电源可选；控制方式一般为智能遥控带记忆型，也可以选择中控室远程集中控制型，也可以根据客户特殊要求定做加工。具有智能控制、无滴水处理、高效节能、低噪音、绿色环保、健康节能等特点，其先进的水处理方式、高度自动化的智能控制系统以及空调换热器灰尘自动清除、远程控制等多项技术先后获得二十多个实用和发明专利证书，十多个软件著作权等。经过二十多年的持续稳定发展，已为众多品牌电梯配套了大量“和山”牌电梯专用空调器，产品远销世界各地，深受国内外用户好评。

公司研发生产的第二代TJHQ系列电梯轿厢空气净化器，吸取了多年市场经验和技術革新成果，采用纳米光触媒技术、原装进口优质紫外线灯、高效过滤系统等多项先进技术，具有广谱高效、高效过滤、空气净化、智能控制、故障报警五大卓越性能，杀菌效率99.9%以上。可以与电梯空调联动安装，也可以单独安装，适用于医院、商场、写字楼、酒店等场所。

公司始终以顾客需求为导向，不断改进创新，并严抓质量管理，先后顺利通过了中国质量认证中心ISO9001质量管理体系认证、ISO14001环境管理体系认证、OHSAS18001职业健康安全管理体系认证、空调器产品CCC认证及CE认证。公司奉行“诚信、高效、卓越、创新”的企业精神，紧跟世界空调技术发展的潮流，努力将创新的技术、优质的产品和真诚的服务奉献给广大新老客户。

Safe, healthy and comfortable riding environment

——和山电梯空调器+轿厢空气净化器为您创造！

Located in Greentown Zhongtai Industrial Park, Yuhang District, Hangzhou City, Founded in 1996, Heshan specializes in the research and development of elevator car air conditioners, elevator car air purifiers, hydraulic elevator oil coolers, etc., and is committed to waterless air conditioning, air purification, ventilation and energy saving in special industries. Heshan integrates research, design, development, manufacturing, sales services, installation and maintenance, providing the best solution for elevator car air.

Heshan spares no effort to meet the different needs of customers. The "Heshan" brand elevator air conditioner are supplied with a complete range, with TK and NK series available. The cooling capacity ranges from 900W to 5300W, power supply from 50Hz to 60Hz. For the intelligent remote control with memory type, can also choose the remote control room control type or customized according to the special requirements of customers. With intelligent control, no dripping treatment, high efficiency and energy saving, low noise, green environmental protection, health and energy saving, its advanced water treatment method, highly automated intelligent control system, automatic dust removal of air conditioner heat exchanger, remote control and other technologies has obtained more than 20 practical and invention patent certificates and more than 10 software copyrights. After more than 20 years of continuous and stable development, a large number of "Heshan" brand elevator air conditioners have been installed for many brand elevators. The products are exported to all over the world and are highly praised by users in China and oversea.

The second generation TJHQ series elevator car air purifier developed by the company has absorbed many years of market experience and technological innovations, and adopts advanced technologies such as nano photocatalyst technology, original imported high-quality ultraviolet lamp and high-efficiency filtration system. Five excellent performances of high efficiency filtration, air purification, intelligent control and fault alarm, the sterilization efficiency is over 99.9%. It can be installed in conjunction with elevator air conditioners, or it can be installed separately, suitable for hospitals, shopping malls, office buildings, hotels and other places.

Heshan has always been guided by customer needs, continuous improvement and innovation, and strict quality management. Heshan has successfully passed the ISO9001 quality management system certification, ISO14001 environmental management system certification, OHSAS18001 occupational health and safety management system certification, and air conditioner product CCC Certification and CE certification. Heshan pursues the enterprise spirit of "integrity, efficiency, excellence, innovation", keeps up with the trend of world air-conditioning technology development, and strives to provide innovative technology, quality products and sincere service to new and old customers.

——Heshan elevator air conditioner+car air purifier provide you!





企业荣誉 COMPANY'S CERTIFICATE



ISO9001 质量管理体系认证证书
ISO9001:Quality Management System Certification



ISO14001 环境管理体系证书
ISO14001 Environment Management System Certification



OHSAS18001职业健康安全管理体系证书
OHSAS18001 Occupation Healthy Safety Management System Certification



商标注册证
Trademark Registration



科技型中小企业
Small Scientific Company Certificate



先进单位
Advanced Enterprise



国家高新技术企业
National High-tech Enterprise Certificate



企业创新奖
Enterprise Innovation Award



杭州市高新技术企业
Hangzhou High-Tech Enterprises



《匠心之路》展播企业
Road of Ingenuity Broadcasting Company



CCTV质量先锋展示产品
CCTV Quality Pioneer Displays Products



电梯空调发明专利证书1
Elevator Air Conditioner Patent Certificate 1



电梯空调专利证书2
Elevator Air Conditioner Patent Certificate 2



电梯空调专利证书3
Elevator Air Conditioner Patent Certificate 3



电梯空调专利证书4
Elevator Air Conditioner Patent Certificate 4



电梯空调CCC认证证书18机
Elevator Air Conditioner CCC 18 Model Certificate



电梯空调CCC认证证书26机
Elevator Air Conditioner CCC 26 Model Certificate



电梯空调CCC认证证书35机
Elevator Air Conditioner CCC 35 Model Certificate



电梯空调CCC认证证书25H机
Elevator Air Conditioner CCC 25H Model Certificate



电梯空调CCC认证证书32H机
Elevator Air Conditioner CCC 32H Model Certificate



电梯空调CCC认证证书25S机
Elevator Air Conditioner CCC 25S Model Certificate



电梯空调CCC认证证书32S机
Elevator Air Conditioner CCC 32S Model Certificate



电梯空调CCC认证证书32S机
Elevator Air Conditioner CCC 32S Model Certificate



电梯空调CCC认证证书26机-2
Elevator Air Conditioner CCC 26 Model Certificate



电梯空调CE-EMC证书53机
Elevator Air Conditioner CE-EMC 53 Model Certificate



电梯空调CE-LVD证书53机
Elevator Air Conditioner CE-LVD 53 Model Certificate



电梯空调CE-EMC证书25H机
Elevator Air Conditioner CE-EMC 25H Model Certificate



电梯空调CE-LVD证书25H机
Elevator Air Conditioner CE-LVD 25H Model Certificate



电梯空调CCC认证证书35机-2
Elevator Air Conditioner CCC 35 Model Certificate



电梯空调CCC认证证书09机
Elevator Air Conditioner CCC 09 Model Certificate



电梯空调CE-EMC证书25S机
Elevator Air Conditioner CE-EMC 25S Model Certificate



电梯空调CE-LVD证书25S机
Elevator Air Conditioner CE-LVD 25S Model Certificate



电梯空调CE-EMC证书32H机
Elevator Air Conditioner CE-EMC 32H Model Certificate



电梯空调CE-LVD证书32H机
Elevator Air Conditioner CE-LVD 32H Model Certificate



电梯空调CE-EMC证书09机
Elevator Air Conditioner CE-EMC 09 Model Certificate



电梯空调CE-LVD证书09机
Elevator Air Conditioner CE-LVD 09 Model Certificate



电梯空调CE-EMC证书18机
Elevator Air Conditioner CE-EMC 18 Model Certificate



电梯空调CE-LVD证书18机
Elevator Air Conditioner CE-LVD 18 Model Certificate



电梯空调CE-EMC证书32S机
Elevator Air Conditioner CE-EMC 32S Model Certificate



电梯空调CE-LVD证书32S机
Elevator Air Conditioner CE-LVD 32S Model Certificate



安全型式试验报告
Elevator Air Conditioning Safety Type Test Report



电磁兼容型式试验报告
Elevator Air Conditioning EMC Type Test Report



电梯空调CE-EMC证书26机
Elevator Air Conditioner CE-EMC 26 Model Certificate



电梯空调CE-LVD证书26机
Elevator Air Conditioner CE-LVD 26 Model Certificate



电梯空调CE-EMC证书35机
Elevator Air Conditioner CE-EMC 35 Model Certificate



电梯空调CE-LVD证书35机
Elevator Air Conditioner CE-LVD 35 Model Certificate



电梯空调CB证书
Elevator Air Conditioning CB Certificate



空气净化器检验报告
Air Purifier Test Report



空气净化器检验报告
Air Purifier Test Report

产品资质
PRODUCT CERTIFICATE



产品特点

PRODUCT FEATURE



No Water Drop

冷凝水非电加热气化处理；
防溢水多重保护，确保无滴水；
高效环保隔热送风软管，外表面不凝露；
底盘采用优质不锈钢制作，耐腐蚀（根据型号）；
No electricity heating in vaporizing the condensation water.
Multiple anti-overflow protection to ensure no water drop.
Efficient heat-insulating flex duct to ensure no frost on the surface.
High quality stainless anti-rust bottom pan(According to model).



Efficient and Energy Saving

采用高效压缩机，新型环保制冷剂；
先进的换热器制造技术；
加大风量设计，制冷剂双重冷却方式；
对系统进行全面优化设计，满足国家节能标准；
空调换热器灰尘自动清除技术，长效节能；
电梯较长时间无人乘坐时，空调可进入自动休眠模式（选配功能）；

Adopt highly efficient compressor, new environment-friendly refrigerent.
Advanced heat exchanger technology.
Increase air flow design, dual cooling to refrigerant.
Overall system optimization to national energy conservation standards.
Heat exchanger dust automatic removal, long-lasting energy-saving.
When the elevator is unoccupied for a long time, the air conditioner can enter the automatic sleep mode (optional function);



Low Noise

国际名牌压缩机，采用双消音器设计；
风扇叶片不打水设计，大大降低了噪音；
振动部位采用阻尼材料吸震；
International brand compressor,double muffle design.
Fan blade don't hit the water,greatly reduce the noise.
Damp material to absorbe vibration.



Healthy and Environment Protective

开关机时间程序控制，自动运行；
运行模式智能控制，自动切换；
可在轿厢内遥控操作，带断电记忆功能；
可选择远程控制和诊断（选配功能）；
The on/off time program controllable.
Automatic switching of running mode.
Remote control in the elevator car,
Date restore after black out.
Remote control and diagnose as option.



Easy to Use

高效防霉过滤网，清除灰尘；
优质冷触媒，去除有害气体（根据型号）；
轿厢内温度显示（选配功能）；
紫外线强力杀菌系统，快速彻底杀灭多种病菌（选配功能）；
Efficient mildew proof filter, clearing dust.
High-quality cold-catalyst, removing harmful gas(According to model).
Temperature display in zhe car (Optional).
Powerful sterilization system,Quickly wipe out a variety of bacteria (Optional).



电梯空调型号命名规则

ELEVATOR AIR CONDITIONER MODEL RULE

TK	-		Y	/			
1	2	3	4	5	6	7	8
电梯空调	冷暖机型	额定制冷量	控制方式	出风形式	特殊机型	电源类型	制冷剂类型

- 注1: 1) 字母“TK”：表示电梯专用空调；
2) 字母“NK”：表示新型电梯专用空调；
注2: 1) 无字母：表示单冷机型；
2) 字母“D”：表示冷暖机型。
注3: 1) 数字“26”：表示TK系列额定制冷量为2600W；
2) 数字“35”：表示TK系列额定制冷量为3500W；
注4: 1) 字母“Y”：表示遥控机型；
2) 字母“YC”：表示远程控制机型
注5: 1) TK系列无字母：表示26机空调器风口在底部；
2) TK系列字母“Q”：表示空调器风口在前面；
3) NK系列字母“H”：表示空调器为横式；
4) NK系列字母“S”：表示空调器为竖式；
注6: 数字“1”：表示塑料合金底盘系列
注7: 1) 无字母：为220~230V，50Hz；
2) 字母“Z”：为220V，60HZ；
注8: 1) 直接加后缀，如“R410A”

- Note 1: 1) Letter "TK": Elevator A/C;
2) Letter "NK": New type Elevator A/C
Note 2: 1) No letter: only cooling function;
2) Letter "D": cooling and heating double function;
Note 3: 1) "26": rated TK series cooling capacity is 2600W;
2) "35": rated TK series cooling capacity is 3500W;
Note 4: 1) Letter "Y": remote controlled type;
2) Letter "YC": long-distance controlled type;
Note 5: 1) TK series No letter: 26 cool air coming out from bottom;
2) TK series Letter "Q": cool air coming out from front;
3) NK series Letter "H": Horizontal Elevator A/C;
4) NK series Letter "S": Vertical Elevator A/C;
Note 6: "1": means plastic alloy chassis series
Note 7: 1) No letter:220~230V, 50Hz;
2) Letter "Z": 220V 60HZ;
Note 8: 1) Add directly,such as R410A

其他未列入的情况，具体见参数表，在型号后加文字说明。

For other cases not included, see the table of parameters and add text after the model.

“和山”牌TK系列智能型电梯专用空调器

“HESHAN” TK SERIES INTELLIGENT ELEVATOR AIR CONDITIONER

ELEVATOR AIR CONDITIONER / 电梯空调

主要用于别墅梯和住宅梯的小空调 09机和18机

Small Air Conditioners 09 Model And 18 Model Mainly Used For Villa Elevator And Residential Elevator

型号 Model	TK-09Y/Q (R410A)	TKD-09Y/Q (R410A)	TK-18Y/Q (R410A)	TKD-18Y/Q (R410A)
额定制冷量（W） Rated Cool Capacity (W)	900	900	1800	1800
额定制热量（W） Rated Heat Capacity (W)	/	900	/	1000
循环风量(高风/低风，m³/h) Air Flow (High/Low, m³/h)	165/135	165/135	245/155	245/155
制冷额定输入电流（A） Rated Cool Input Current(A)	1.5	1.5	3.2	3.2
制热额定输入电流（A） Rated Heat Input Current(A)	/	4.4	/	4.6
制冷额定输入功率（W） Rated Cool Input Power (W)	310	310	680	680
制热额定输入功率（W） Rated Heat Input Power (W)	/	950	/	1000
噪声dB（A） Noise dB (A)	<53		<53	
电 源 Voltage/Frequency	220~230V~50Hz			
制冷剂 Refrigerant	R410A			
防水等级 Water Proof Level	IP24			
防触电保护类别 Insulated Voltage Grade	Ⅰ类（1 Grade）			
压缩机保护装置 Compressor Protection	过热保护 过电流保护 延迟启动保护 Overheat protection; Over current protection; Delay startup protection			
控制方式 Control Mode	程序控制（自动）+红外线遥控（手动） Program control (automatically) +infrared remote control (Manually)			
外形：长*宽*高（mm） Dimensions (L*W*H)mm	545*395*262		400*465*375	
质 量（kg） Weight(kg)	25	25.5	35.5	36
选型建议 Model selection suggestions	≤ 630		≤ 800	
出风方式,回风方式 Air Out,Air return	前面出风，前面回风 From Front ,From Front		前面出风，前面回风 From Front ,From Front	



TK(D)-09Y/Q型电梯空调
TK(D)-09Y/Q Elevator
Air Conditioner



TK(D)-18Y/Q型电梯空调
TK(D)-18Y/Q Elevator
Air Conditioner

50Hz智能环保型电梯专用空调 26机和35机

50Hz Intelligent Environmental Elevator Air Conditioner 26 Model And 35 Model

型号 Model	TK-26Y (R410A)	TKD-26Y (R410A)	TK-26Y/Q (R410A)	TKD-26Y/Q (R410A)	TK-35Y/Q (R410A)	TKD-35Y/Q (R410A)
额定制冷量（W） Rated Cool Capacity (W)	2600	2600	2600	2600	3500	3500
额定制热量（W） Rated Heat Capacity (W)	/	2200	/	2200	/	2200
循环风量(高风/低风，m³/h) Air Flow (High/Low, m³/h)	400 / 330	400 / 330	400 / 330	400 / 330	570 / 450	570 / 450
制冷额定输入电流（A） Rated Cool Input Current(A)	4.3	4.3	4.3	4.3	5.8	5.8
制热额定输入电流（A） Rated Heat Input Current(A)	/	10.0	/	10.0	/	10.3
制冷额定输入功率（W） Rated Cool Input Power (W)	930	930	930	930	1250	1250
制热额定输入功率（W） Rated Heat Input Power (W)	/	2200	/	2200	/	2270
噪声dB（A） Noise dB (A)	<53		<53		<55	
电 源 Voltage/Frequency	220~230V~50Hz					
制冷剂 Refrigerant	R410A					
防水等级 Water Proof Level	IP24					
防触电保护类别 Insulated Voltage Grade	Ⅰ类（1 Grade）					
压缩机保护装置 Compressor Protection	过热保护 过电流保护 延迟启动保护 Overheat protection; Over current protection; Delay startup protection					
控制方式 Control Mode	程序控制（自动）+红外线遥控（手动） Program control (automatically) +infrared remote control (Manually)					
外形：长*宽*高（mm） Dimensions (L*W*H)mm	615*455*435		545*455*435		640*570*510	
质 量（kg） Weight(kg)	40	40.5	39	39.5	57	57.5
选型建议 Model selection suggestions	≤2000		≤2000		≤3000	
出风方式,回风方式 Air Out,Air return	底部出风，底部回风 From Bottom ,From Bottom		前面出风，前面回风 From Front ,From Front		前面出风，前面回风 From Front ,From Front	



TK(D)-26Y 型电梯空调
TK(D)-26Y Elevator
Air Conditioner



TK(D)-26Y/Q 型电梯空调
TK(D)-26Y/Q Elevator
Air Conditioner



TK(D)-35Y/Q 型电梯空调
TK(D)-35Y/Q Elevator
Air Conditioner



TK系列Q1智能环保型电梯专用空调 26机和35机

TK Series Q1 Intelligent Environmental Elevator Air Conditioner 26 Model And 35 Model

型号 Model	TK-26Y/Q1 (R410A)	TKD-26Y/Q1 (R410A)	TK-35Y/Q1 (R410A)	TKD-35Y/Q1 (R410A)
额定制冷量（W） Rated Cool Capacity (W)	2600	2600	3500	3500
额定制热量（W） Rated Heat Capacity (W)	/	2200	/	2200
循环风量(高风/低风，m³/h) Air Flow (High/Low, m³/h)	400 / 330	400 / 330	570 / 450	570 / 450
制冷额定输入电流（A） Rated Cool Input Current(A)	4.3	4.3	5.8	5.8
制热额定输入电流（A） Rated Heat Input Current(A)	/	10	/	10.3
制冷额定输入功率（W） Rated Cool Input Power (W)	930	930	1250	1250
制热额定输入功率（W） Rated Heat Input Power (W)	/	2200	/	2270
噪声dB（A） Noise dB (A)	<53		<55	
电 源 Voltage/Frequency	220—230V~50Hz			
制冷剂 Refrigerant	R410A			
防水等级 Water Proof Level	IP24			
防触电保护类别 Insulated Voltage Grade	Ⅰ类（1 Grade）			
压缩机保护装置 Compressor Protection	过热保护 过电流保护 延迟启动保护 Overheat protection; Over current protection; Delay startup protection			
控制方式 Control Mode	程序控制（自动）+红外线遥控（手动） Program control (automatically) +infrared remote control (Manually)			
外形：长*宽*高（mm） Dimensions (L*W*H)mm	545*455*403		640*570*455	
质 量（kg） Weight(kg)	39	39.5	50.5	51
选型建议 Model selection suggestions	≤ 2000		≤ 3000	
出风方式,回风方式 Air Out,Air return	前面出风，前面回风 From Front ,From Front		前面出风，前面回风 From Front ,From Front	



TK(D)-26Y/Q1 型电梯空调
TK(D)-26Y/Q1 Elevator Air Conditioner



TK(D)-35Y/Q1 型电梯空调
TK(D)-35Y/Q1 Elevator Air Conditioner

超大型电梯专用空调 53机

Super Large Elevator Air Conditioner 53 Model

型号 Model	TK-53Y/Q (R410A)	TKD-53Y/Q (R410A)	TK-53Y/QZ (R410A)	TKD-53Y/QZ (R410A)
额定制冷量（W） Rated Cool Capacity (W)	5300	5300	5300	5300
额定制热量（W） Rated Heat Capacity (W)	/	2300	/	2300
循环风量(高风/低风，m³/h) Air Flow (High/Low, m³/h)	730/670	730/670	800/730	800/730
制冷额定输入电流（A） Rated Cool Input Current(A)	9.0	9.0	7.7	7.7
制热额定输入电流（A） Rated Heat Input Current(A)	/	11.3	/	11.3
制冷额定输入功率（W） Rated Cool Input Power (W)	1950	1950	1760	1760
制热额定输入功率（W） Rated Heat Input Power (W)	/	2500	/	2500
噪声dB（A） Noise dB (A)	<57		<57	
电 源 Voltage/Frequency	220-230V~50Hz		220-230V~60Hz	
制冷剂 Refrigerant	R410A			
防水等级 Water Proof Level	IP24			
防触电保护类别 Insulated Voltage Grade	Ⅰ类（1 Grade）			
压缩机保护装置 Compressor Protection	过热保护 过电流保护 延迟启动保护 Overheat protection; Over current protection; Delay startup protection			
控制方式 Control Mode	程序控制（自动）+红外线遥控（手动） Program control (automatically) +infrared remote control (Manually)			
外形：长*宽*高（mm） Dimensions (L*W*H)mm	680*670*530		680*670*530	
质 量（kg） Weight(kg)	67.5	68	64.5	65
选型建议 Model selection suggestions	≤ 5000		≤ 5000	
出风方式,回风方式 Air Out,Air return	前面出风，前面回风 From Front ,From Front		前面出风，前面回风 From Front ,From Front	



TK(D)-53Y/Q(Z) 型电梯空调
TK(D)-53Y/Q(Z) Elevator Air Conditioner



60Hz智能环保型电梯专用空调

60Hz Intelligent Environmental Elevator Air Conditioner

主要用于出口到电源频率为60Hz的国家和地区
Major for 60Hz Power supply Country

型号 Model	TK-16Y/QZ (R410A)	TKD-16Y/QZ (R410A)	TK-26YZ (R410A)	TKD-26YZ (R410A)	TK-26Y/QZ (R410A)	TKD-26Y/QZ (R410A)	TK-35Y/QZ (R410A)	TKD-35Y/QZ (R410A)
额定制冷量 (W) Rated Cool Capacity (W)	1600	1600	2600	2600	2600	2600	3500	3500
额定制热量 (W) Rated Heat Capacity (W)	/	1000	/	2200	/	2200	/	2200
循环风量(高风/低风, m³/h) Air Flow (High/Low, m³/h)	225/130	225/130	430/340	430/340	430/340	430/340	550/440	550/440
制冷额定输入电流 (A) Rated Cool Input Current(A)	2.6	2.6	4.3	4.3	4.3	4.3	5.4	5.4
制热额定输入电流 (A) Rated Heat Input Current(A)	/	4.4	/	10	/	10	/	10.3
制冷额定输入功率 (W) Rated Cool Input Power (W)	580	580	950	950	950	950	1220	1220
制热额定输入功率 (W) Rated Heat Input Power (W)	/	1000	/	2200	/	2200	/	2255
噪声dB (A) Noise dB (A)	<53	<53	<53	<53	<53	<53	<55	<55
电 源 Voltage/Frequency	220~230V~60Hz							
制冷剂 Refrigerant	R410A							
防水等级 Water Proof Level	IP24							
防触电保护类别 Insulated Voltage Grade	I类 (1 Grade)							
压缩机保护装置 Compressor Protection	过热保护 过电流保护 延迟启动保护 Overheat protection; Over current protection; Delay startup protection							
控制方式 Control Mode	程序控制 (自动) +红外线遥控 (手动) Program control (automatically) +infrared remote control (Manually)							
外形: 长*宽*高 (mm) Dimensions (L*W*H)mm	400*465*375		615*455*435		545*455*435		640*570*510	
质 量 (kg) Weight(kg)	33.5	34	39.5	40	38.5	39	57	57.5
选型建议 Model selection suggestions	≤ 800		≤ 2000		≤ 2000		≤3000	
出风方式,回风方式 Air Out,Air return	前面出风, 前面回风 From Front ,From Front		底部出风, 底部回风 From Bottom ,From Bottom		前面出风, 前面回风 From Front ,From Front		前面出风, 前面回风 From Front ,From Front	



TK(D)-16Y/QZ型电梯空调
TK(D)-16Y/QZ Elevator
Air Conditioner



TK(D)-26YZ 型电梯空调
TK(D)-26YZ Elevator
Air Conditioner



TK(D)-26Y/QZ 型电梯空调
TK(D)-26Y/QZ Elevator
Air Conditioner



TK(D)-35Y/QZ 型电梯空调
TK(D)-35Y/QZ Elevator
Air Conditioner

“和山”牌NK系列小型高效智能型电梯空调 (符合欧盟EN81—20&50 新标准)

“HeShan” NK Series Small Type Highly Efficient Intelligent Elevator Air Conditioner (Meet The New EU EN81-20&50 Standard)

横式参数表

Horizontal parameter table

型号 Model	NK-25Y/H (R410A)	NKD-25Y/H (R410A)	NK-32Y/H (R410A)	NKD-32Y/H (R410A)
额定制冷量（W） Rated Cool Capacity (W)	2100	2100	2600	2600
额定制热量（W） Rated Heat Capacity (W)	/	2200	/	2300
循环风量(高风/中风/低风,m³/h) Air Flow (High/Medium/Low,m³/h)	430/370/320	430/370/320	550/480/420	550/480/420
制冷额定输入电流（A） Rated Cool Input Current(A)	3.1	3.1	3.9	3.9
制热额定输入电流（A） Rated Heat Input Current(A)	/	10.2	/	10.6
制冷额定输入功率（W） Rated Cool Input Power (W)	660	660	830	830
制热额定输入功率（W） Rated Heat Input Power (W)	/	2200	/	2300
噪声dB（A） Noise dB (A)	≤53		≤55	
电 源 Voltage/Frequency	220V~230V~50Hz			
制冷剂 Refrigerant	R410A			
防水等级 Water Proof Level	IP24			
防触电保护类别 Insulated Voltage Grade	I类（1 Grade）			
压缩机保护装置 Compressor Protection	过热保护 过电流保护 延迟启动保护 Overheat protection; Over current protection; Delay startup protection			
控制方式 Control Mode	程序控制（自动）+红外线遥控（手动） Program control (automatically) +infrared remote control (Manually)			
外形：长*宽*高（mm） Dimensions (L*W*H)mm	605*325*430		645*355*440	
质 量（kg） Weight(kg)	37.5	38	43.5	44
选型建议 Model selection suggestions	320-1350(含)		1350-2000（ 含 ）	
出风方式,回风方式 Air Out,Air return	前面出风，前面回风 From Front ,From Front			



NK (D) - 25Y/H 型电梯空调
NK (D) - 25Y/H Elevator Air Conditioner

NK (D) - 32Y/H 型电梯空调
NK (D) - 32Y/H Elevator Air Conditioner



竖式参数表

Vertical parameter table

型号 Model	NK-25Y/S (R410A)	NKD-25Y/S (R410A)	NK-32Y/S (R410A)	NKD-32Y/S (R410A)
额定制冷量（W） Rated Cool Capacity (W)	2100	2100	2600	2600
额定制热量（W） Rated Heat Capacity (W)	/	2200	/	2300
循环风量(高风/中风/低风,m³/h) Air Flow (High/Medium/Low,m³/h)	430/370/320	430/370/320	550/480/420	550/480/420
制冷额定输入电流（A） Rated Cool Input Current(A)	3.1	3.1	3.9	3.9
制热额定输入电流（A） Rated Heat Input Current(A)	/	10.2	/	10.6
制冷额定输入功率（W） Rated Cool Input Power (W)	660	660	830	830
制热额定输入功率（W） Rated Heat Input Power (W)	/	2200	/	2300
噪声dB（A） Noise dB (A)	≤53		≤55	
电 源 Voltage/Frequency	220V~230V~50Hz			
制冷剂 Refrigerant	R410A			
防水等级 Water Proof Level	IP24			
防触电保护类别 Insulated Voltage Grade	I类（1 Grade）			
压缩机保护装置 Compressor Protection	过热保护 过电流保护 延迟启动保护 Overheat protection; Over current protection; Delay startup protection			
控制方式 Control Mode	程序控制（自动）+红外线遥控（手动） Program control (automatically) +infrared remote control (Manually)			
外形：长*宽*高（mm） Dimensions (L*W*H)mm	455*325*625		505*355*640	
质 量（kg） Weight(kg)	40	40.5	45.5	46
选型建议 Model selection suggestions	320-1350(含)		1350-2000（ 含 ）	
出风方式,回风方式 Air Out,Air return	前面出风，前面回风 From Front ,From Front			

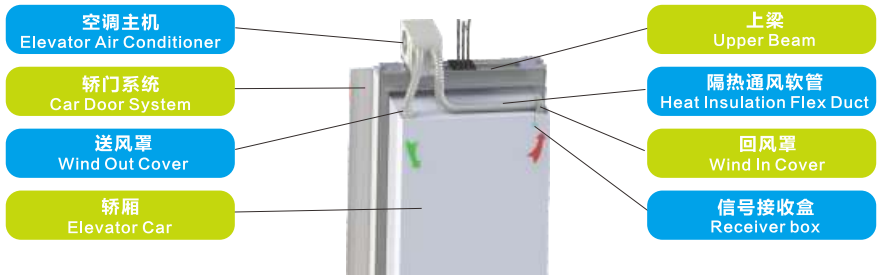


NK (D) - 25Y/S 型电梯空调
NK (D) - 25Y/S Elevator Air Conditioner
NK (D) - 32Y/S 型电梯空调
NK (D) - 32Y/S Elevator Air Conditioner



电梯空调的安装与维保

Elevator Air Conditioner Installation and Maintenance



电梯空调的安装简述 Elevator Air Conditioner Installation Instructions

1. 空调主机直接固定在电梯上梁，或通过支架固定在上梁；
 2. 利用原来的风机口（或新开一个长方形孔）从电梯轿厢内回风；
 3. 冷风通过原风机口（或新开一个长方形孔）用隔热软管输送入轿厢；
 4. 轿顶夹层内的冷风通道必须做隔热处理，以防止出风口形成冷凝水；
 5. 把遥控接收线引入轿厢内，并加以固定；
 6. 在遥控器上设定定时开关机时间，并在遥控器上设定空调运行模式、温度、风速后，按压遥控器上的“程控”键，空调器进入程控全自动运行状态。
1. Air conditioner main machine installed directly on the elevator upper beam, or fix with rack to the upper beam;
 2. Return air from the original elevator fan hole (or open a new rectangular hole) from the elevator car;
 3. Cold air go through the original fan hole (or open a new rectangular hole) into the car by heat insulating duct;
 4. Insulated cold-channel process between cartop and ornament ceiling must be done to prevent the formation of a condensation water on the air outlet;
 5. The remote receive probe pulled into car and fixed;
 6. Set the auto on/off time on the remote controller, and set the air conditioning operation mode, temperature, wind speed on the remote controller, press the remote control "programmed" button, air conditioner enter the program-controlled automatic air-conditioner running.

电梯空调的维护保养 Elevator Air conditioner Maintenance

1. 定期清洗三片过滤网，建议每隔30天进行一次；
 2. 定期检查电梯轿厢内温度及噪音；
 3. 定期由专人检查空调运行状况；
 4. 在每年夏季使用之前，清洁空调器的冷凝水处理泵，并更换水泵外围的过滤材料；
 5. 遇有不正常运行情况，应立即关机并请专业人员检查原因。
1. Regular cleaning three filters, once every 30 days is recommended;
 2. Regularly check the temperature and noise inside the elevator car;
 3. Regular running inspection;
 4. Each summer before use, clean the air conditioner condensation water pumps, and replace the external pump filter material;
 5. In case of abnormal operation,aircon should be immediately shut down and resort to professional for examination.

全球第一款物联网电梯空调 ——和山第二款远程控制型电梯专用空调系统

THE WORLD'S FIRST THINGS NET ELEVATOR AIR CONDITIONER
——“HESHAN” SECOND REMOTE CONTROL TYPE ELEVATOR AIR CONDITIONER SYSTEM

产品简介 Product Introduce

随着智能化楼宇的大量建造，建筑设备管理系统中，制冷系统、空调系统、给排水系统、电力系统、照明控制系统和电梯管理系统等，大量采用了自成体系的专业监控系统。较大型的电梯生产厂家，基本上都有自家的电梯远程监控系统。电梯空调作为电梯的一个重要组成部分，目前较为先进的控制方式是，根据用户的要求，设定每天的定时开机时间和定时关机时间，以周为单位自动循环工作。

根据GB/T 50314-2006《智能建筑设计标准》的要求，建筑设备管理系统应具有对建筑机电设备测量、监视和控制功能，确保各类设备系统运行稳定、安全和可靠，并达到节能和环保的管理要求。和山科技一直把研发视为向客户提供高性能产品的根本，紧扣市场脉搏，全球首家推出一款物联网电梯专用空调系统。在和山第一代远程控制型电梯空调的基础上，增加了RS485转以太网转换器，利用电梯机房局域网来实现机房到中控室的信号传输，解决了已建大楼二次布线困难的问题，降低了新建大楼的布线成本，给大家带来了极大的便捷性。该系列电梯空调充分利用互联网优势，持续满足人们对信息化、智能化楼宇的需求。

和山远程控制型电梯空调系统，由远程控制型电梯空调、从轿顶到电梯机房的电源线和双绞信号传输线、电梯机房内RS485转以太网转换器和原有的局域网、安装有电梯空调监控和管理软件的计算机等部分组成。通过大楼中控室电脑显示屏，对电梯空调的运行状况进行实时监控、测量和操作，并支持通过因特网对电梯空调进行远程测量和诊断。

该项技术使电梯空调开关、温度调整等操作变的简单方便；能迅速发现产品故障，使设备始终处于良好运行状态；可减少例行检查次数，减少停梯时间，减少维修支出。目前我司已经发货安装的几十个远程控制型电梯空调项目，分别位于北京、上海、沈阳、西安等地，我们认为这将会是未来发展比较快的一个方向。

With the construction of large number of intelligent building, building management systems including refrigeration systems, air conditioning systems, plumbing systems, electrical systems, lighting control systems and elevator management system, uses a lot of self-contained professional monitoring system. Larger elevator manufacturer, basically have their own elevator remote monitoring system. Elevator air conditioner as an important part of the elevator, currently more advanced control methods is to set the air conditioning turn on and shut down time by circulation of weeks according to the user's requirements.

According to GB / T 50314-2006 "Intelligent Building Design Standards" requirements, construction equipment management system should measure, monitor and control the building electrical equipment to ensure stable, safe and reliable running of the equipment, achieving energy-saving and environmental protection management requirements. To provide customers with high performance products, Heshan closely linked to the pulse of the market, and launched the world's first things net elevator air conditioner system. Based on Heshan's first generation of remote control type elevator air conditioner, RS485 Switch Ethernet converter is added, it can use the elevator machine-room local internet to achieve signal transmission to central control room to solve the built building secondary wiring problem, reducing the wiring cost to a great convenience. The new elevator air conditioner makes full use of the advantages of the Internet to meet people's needs on information technology, intelligent buildings.

Heshan remote controlled type elevator air conditioner, is combined of a remote control type elevator air conditioner, from the top of the car to the elevator machine room of power line and twisted pair signal transmission line, the elevator machine room RS485 converter and the original LAN, elevator air conditioner monitoring and management software installed computer. By control room computer display in the building, it can achieve real-time monitoring, measurement and diagnosis of elevator air conditioner.

The technology enables the elevator air conditioner switch, temperature adjustment operation become simple and convenient; can quickly find the fault of the products, so that equipment is always in good condition; can reduce the routine inspection times, reduce the time of stopping the ladder, reduce maintenance expenses. At present, our company has installed several remote control type elevator air conditioner project, located in Beijing, Shanghai, Shenyang, Xi'an and other regions, we believe that this will be a relatively fast future development direction.

功能特点 Feature

实时监控

通过中控室电脑显示屏，实时监测电梯轿厢内的温度，空调器的回风和出风温度，空调器的运行电压和电流等，随时掌控电梯空调的运行状态；

远程操作

实现在中控室对电梯空调的温度、运行模式、开关机时间、风速等进行控制；

故障诊断

通过对所选电梯空调的水位、工作电压、电流等数据的监测和分析，高效处理故障；

远程技术支持

可以与生产工厂通过因特网连线，进行远程协助，在线处理全球各地的电梯空调问题。

Real-time Monitoring

Through the control room computer screen, real-time monitoring of temperature inside the elevator car, air conditioner return air and the cold air out temperature, air conditioner operating voltage and current, etc;

Remote Operation

Implement in the control room of the elevator air-conditioning temperature, operating mode, switch on/off time, wind speed control;

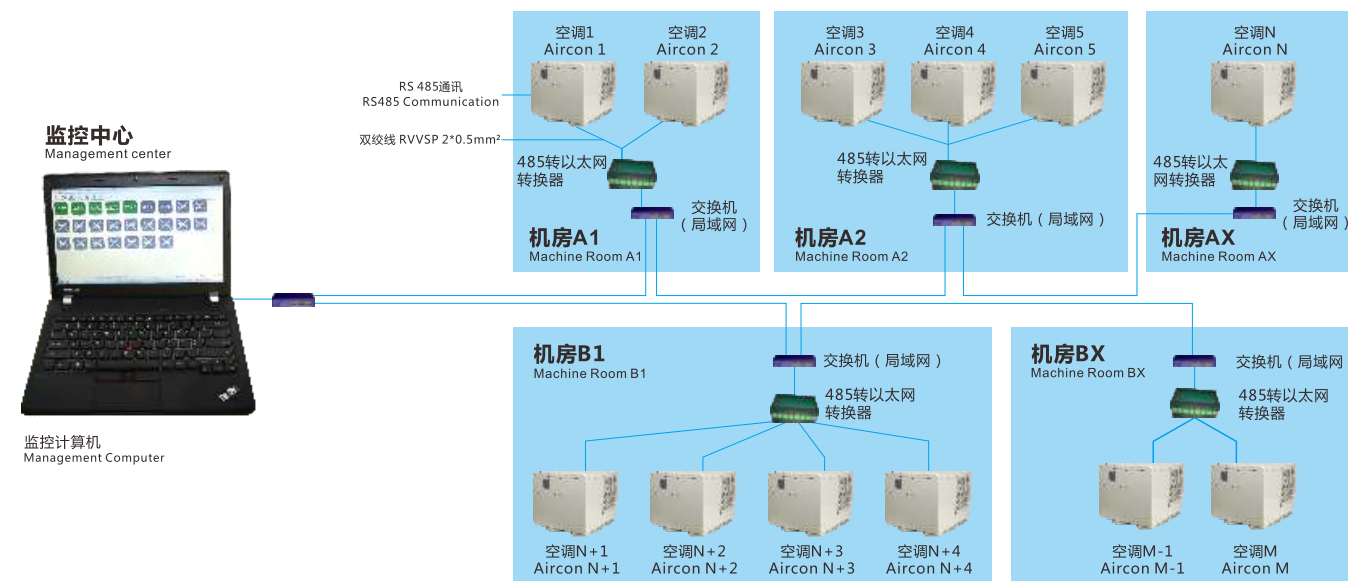
Troubleshooting

Efficient handling of faults by monitoring and analyzing the selected elevator air conditioner water level, voltage and current data;

Remote Technical Support

Remote online internet assistance and processes elevator air conditioner problems around the world.

安装示意图 Installing Brief Chart





● 系统组成部分介绍 Part of the System Introduce

“和山”远程控制型电梯空调系统，主要由远程控制型电梯空调、传输信号线、RS485转以太网转换器、定制软件、监控计算机等五个部分组成。

"Heshan" remote-controlled typed elevator air conditioning systems, mainly consists of five parts of a remote-controlled elevator air conditioner, transmission signal lines, hubs, customized software, and monitoring computers.



(1).远程控制型电梯空调 Remote-controlled Elevator Air Conditioner

原先型号代码中的Y变成YC，制冷量、制热量等数据均参考原先型号；带RS485接口，通过RS485转以太网转换器，转换器经网线与电梯机房原有布置的局域网（交换机）连接，监控数据能够被监控中心计算机读取。

Original model code of Y changed to YC, cooling capacity, heating capacity and other data reference to original model; with RS485 interface, through the RS485 ethernet converter, converter cable and elevator room original layout of local area network (switch) to connect, monitoring data can be monitored by the central computer to read. monitoring data can be read by a computer.

(2).传输信号线 The Transmission Signal Cable

从轿顶到电梯机房的信号传输，采用一组双绞屏蔽线（或电梯随缆中的双绞线），线径要求0.5mm²或以上；从电梯机房到大楼中控室的信号传输，采用电梯机房原有布置的局域网进行传输。

Signal transmission from the car roof to the elevator machine room, using a group of shielded twisted pair cable (or the elevator travelling twisted-pair cable), diameter require 0.5mm² or more; From elevator machine room to the building control room, use of the elevator room local internet to transmit.

(3).RS485转以太网转换器 RS485 internet switcher

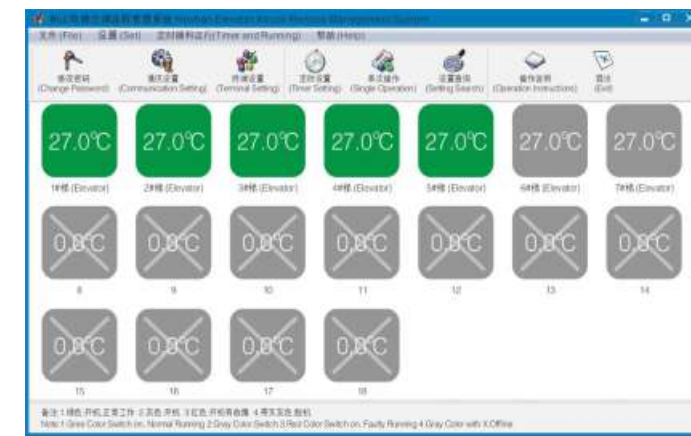
在电梯机房中，安装RS485转以太网转换器，通过网线与机房原有布置的局域网（交换机）连接，通过局域网将信号传输至监控计算机。

From elevator machine room to the building control room, use internet cable to connect to machinerroom local web, use elevator room local internet to transmit singal to monitoring computer.

(4).定制软件 Customized Software

软件界面包括菜单栏、工具栏、监控窗口、状态栏。可以设置终端数量（最多不超过120台）、修改电梯空调名称、调整图标大小、设置定时、电梯空调运行查询、电梯空调诊断等。下图为软件界面示意图（软件版本号HSRMS1.2）：

Software interface includes a menu bar, toolbar, monitoring window, the status bar. Can set the number of terminals (up to 120 units), modify the elevator air conditioner name, adjust the icon size, set the timer, check elevator air conditioner running, diagnose and so on. The following figure shows a schematic diagram of the software interface (software version number HSRMS1.2):



(5).监控计算机 Monitoring Computer

系统为Windows XP或Windows7（8、10），CPU速度不小于1GHZ，内存不小于1G，硬盘不小于80G，显示器不小于15英寸，连接到局域网。

Windows XP or Windows7（8、10），CPU speed is not less than 1GHZ, memory is not less than 1G, hard disk not less than 80G, display no less than 15 inches, connected to local web.

● 软件安装与技术支持 Software Installation and Technical Support

打开随机光盘，双击ACManagetoolsetup.exe文件,根据安装提示完成安装。软件安装完成后，能看到《和山电梯空调管理系统使用手册》，软件的使用方法在里面均有详细的介绍。首次运行时，需要进行注册，双击ACManagetool文件，会弹出注册窗口，输入用户名，并连同用户名和注册信息一起报给和山科技，由和山科技工作人员为您提供注册码，将该注册码输入后，点“注册”按钮，系统检查该注册码合法性。注册完成之后需要首先设置通讯端口和终端数量，管理软件才能正常运行。（注意：一个注册码仅能用于一次安装，若该台计算机操作系统重装后，需重新申请注册码。）

Open the CD, double click ACManagetoolsetup.exe file, and finish the installation according to the installation prompts. After the installation is completed, can see "Heshan Elevator Air Conditioner Management System Manual", the use of the software are described in detail inside. First time running, need to be registered, double click ACManagetool file, registration window will pop up, enter the user name and handle the user name along with registration information to Heshan. Heshan staff will provide the registration code. Input the registration code, click "Register" button, system will check the legality of the registration number. After registration is complete, must first set the communication ports and terminal number to let the software run properly. (Note: a registration code can only be used for one time installation, if the computer is reinstalled the operating system, need to re-apply for registration code.)

软件注册和技术支持: +86-571-88731971

E-mail: zyh@kincol.com, 郑先生

Software registration and technical support: + 86-571-88733750

E-mail: zgwy@kincol.com Mr Leon



经典案例 CLASSIC CASE

北京

- 北京国家体育场 / 通力电梯 01
- 北京中国尊 / 通力电梯 02
- 北京望京SOHO / 富士达电梯 03
- 北京市委办公楼 / 西子OTIS电梯 04
- 北京银泰中心 / OTIS电梯 05
- 北京中央电视塔 / 迅达电梯 06
- 北京浦项中心 / 蒂森电梯 07
- 首都博物馆 / OTIS电梯 08
- 北京昆仑饭店 / 日立电梯 09
- 北京新机场 / 迅达电梯 10



天津

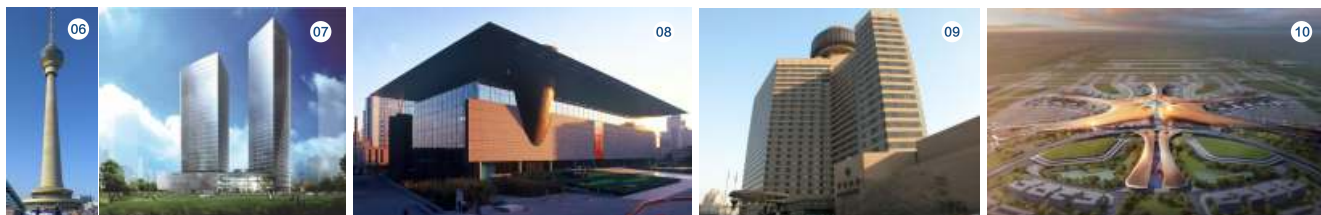
- 天津周大福 / OTIS电梯
- 天津津湾广场 / 永大电梯
- 天津银河购物中心 / OTIS电梯
- 天津远洋大厦 / OTIS电梯
- 天津来福士酒店 / 迅达电梯
- 天津人民广播电台 / 西子OTIS电梯
- 天津泰达广场AB区 / OTIS电梯
- 天津银行 / OTIS电梯
- 天津鲁能 / 通力电梯
- 天津恒隆广场 / 通力电梯

东三省

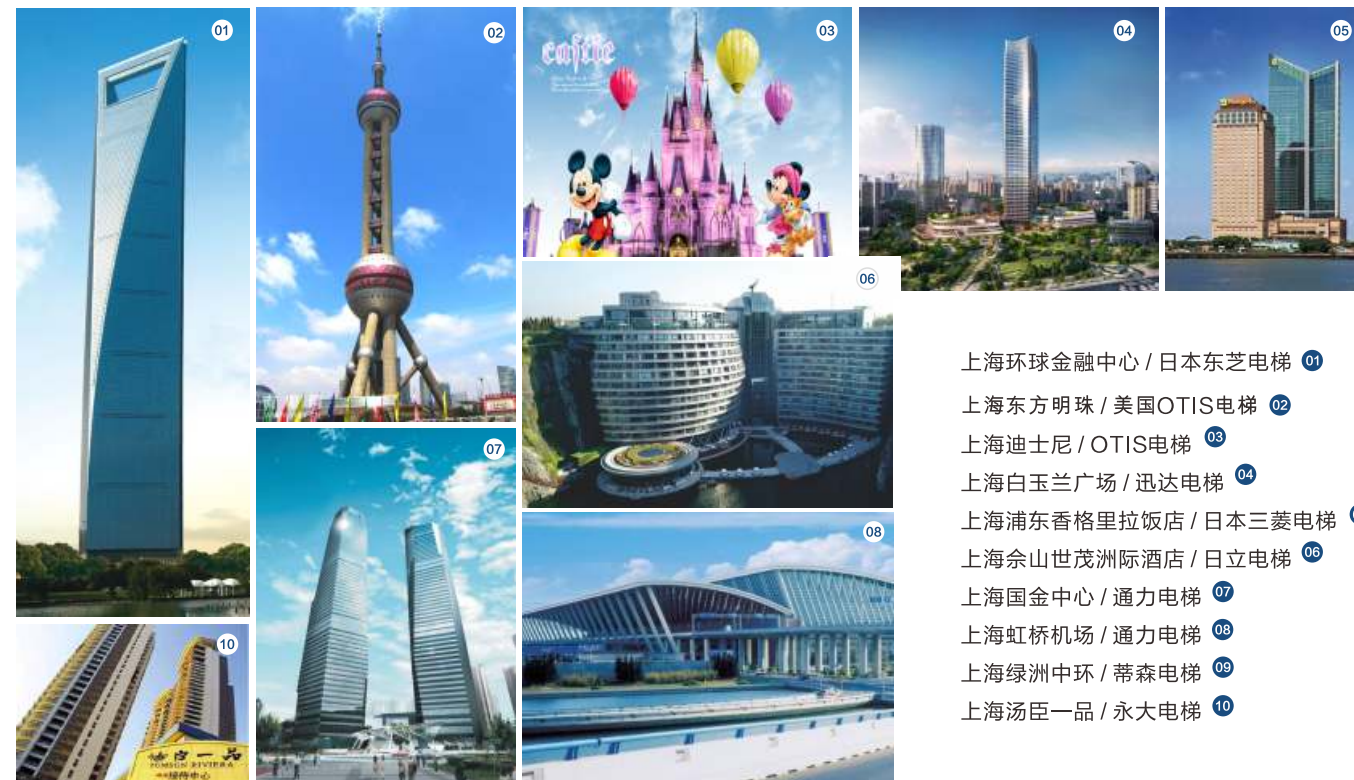
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- 沈阳久光百货 / 通力电梯
- 大连海景酒店 / 日立电梯
- 大连裕景 / 通力电梯
- 长春通钢国际大厦 / 通力电梯
- 哈尔滨开发区管理大厦 / 通力电梯
- 哈尔滨常青大厦 / OTIS电梯
- 吉林市中心医院 / 三菱电梯
- 沈阳汇宝国际广场 / 通力电梯
- 本溪中级人民法院 / OTIS电梯

河北

- 石家庄苏宁 / OTIS电梯
- 石家庄恒大华府 / OTIS电梯
- 石家庄华润中心 / 通力电梯
- 保定长城汽车 / 蒂森电梯
- 唐山恒大绿洲 / OTIS电梯
- 中国人民银行邯郸分行 / OTIS电梯
- 石家庄华强广场 / 通力电梯
- 河北省建设银行 / 蒂森电梯
- 石家庄勒泰中心 / 迅达电梯
- 石家庄乐汇城 / 通力电梯



上海



- 上海环球金融中心 / 日本东芝电梯 01
- 上海东方明珠 / 美国OTIS电梯 02
- 上海迪士尼 / OTIS电梯 03
- 上海白玉兰广场 / 迅达电梯 04
- 上海浦东香格里拉饭店 / 日本三菱电梯 05
- 上海佘山世茂洲际酒店 / 日立电梯 06
- 上海国金中心 / 通力电梯 07
- 上海虹桥机场 / 通力电梯 08
- 上海绿洲中环 / 蒂森电梯 09
- 上海汤臣一品 / 永大电梯 10

江苏

- 南京索菲特酒店 / OTIS酒店
- 南京绿地国际洲际酒店 / 迅达电梯
- 南京世茂中心 / OTIS电梯
- 苏州东方之门 / 通力电梯
- 苏州香格里拉酒店 / 三菱电梯
- 镇江苏宁广场 / 蒂森电梯
- 南京金融城 / 蒂森电梯
- 南通雷迪森大酒店 / 西子OTIS酒店
- 盐城明城锦江大酒店 / 东芝电梯
- 江阴华西村黄金酒店 / 日立电梯

安徽

- 合肥柏悦中心 / OTIS电梯
- 合肥安粮国贸中心 / 迅达电梯
- 合肥滨湖世纪城 / 康力电梯
- 合肥华润中心君悦酒店 / 迅达电梯
- 合肥新桥机场 / 蒂森电梯
- 蚌埠豪生酒店 / 通力电梯
- 芜湖新百金鹰大酒店 / 三菱电梯
- 安庆市审计局 / OTIS电梯
- 淮北恒大 / OTIS电梯
- 合肥环球金融国际广场 / 西子OTIS电梯

河南

- 郑州绿地中心 / 通力电梯
- 郑州蓝堡湾 / 蒂森 / 通力 / 迅达电梯
- 郑州美盛中心 / 通力电梯
- 郑州丹尼斯百货 / 西子OTIS电梯
- 许昌胖东来商厦 / OTIS电梯
- 郑州艾美酒店 / 通力电梯
- 洛阳恒大综合楼 / OTIS电梯
- 郑州红河谷公园 / 通力电梯
- 郑州天地粤海酒店 / OTIS电梯
- 郑州百顺国际酒店 / 永大电梯



山东

- 青岛电视塔 / OTIS电梯
- 青岛华润万象城 / 通力电梯
- 济南绿地 / 通力电梯
- 济南恒隆 / 通力电梯
- 济南人寿中心 / 蒂森电梯
- 烟台振华广场 / 西子OTIS电梯
- 潍坊博物馆 / OTIS电梯
- 青岛深蓝广场 / 通力电梯
- 临沂恒大华府 / OTIS电梯
- 济宁市附属医院 / OTIS电梯

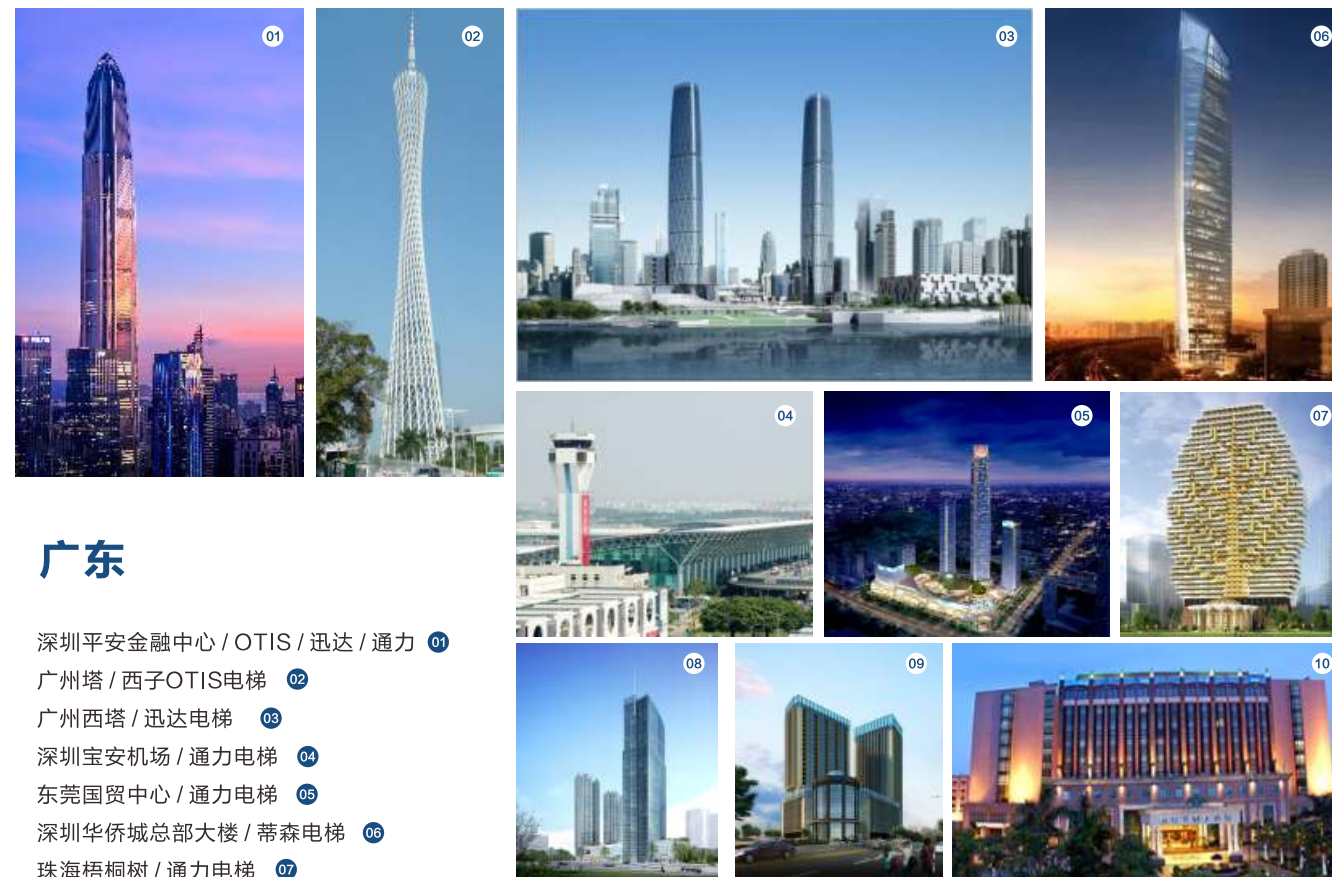


浙江

- 浙江财富金融中心 / OTIS电梯 01
- 杭州深蓝广场 / 日立电梯 02
- 杭州银泰百货 / 华升富士达电梯 03
- 杭州雷峰塔 / 西子OTIS电梯 04
- 浙江省政府 / 三菱、日立、OTIS电梯 05
- 杭州西湖国宾馆 / 三菱电梯 06
- 金华市政府 / 西奥电梯 07
- 温州阿外楼 / 通力电梯 08
- 杭州萧山国际机场 / 法国OTIS电梯 09
- 宁波国际金融中心 / 蒂森电梯 10

福建

- 福州中央第五街/OTIS电梯
- 福州金源大饭店/迅达电梯
- 福州国家税务局/永大电梯
- 厦门华润中心/通力电梯
- 厦门人民大会堂/OTIS电梯
- 莆田荔能华景城/蒂森电梯
- 泉州市第一医院/西子OTIS电梯
- 厦门凯宾斯基酒店/通力电梯
- 福州世纪金源酒店/康力电梯
- 宁德万达广场/西子OTIS电梯



广东

- 深圳平安金融中心 / OTIS / 迅达 / 通力 01
- 广州塔 / 西子OTIS电梯 02
- 广州西塔 / 迅达电梯 03
- 深圳宝安机场 / 通力电梯 04
- 东莞国贸中心 / 通力电梯 05
- 深圳华侨城总部大楼 / 蒂森电梯 06
- 珠海梧桐树 / 通力电梯 07
- 佛山友邦金融中心 / 迅达电梯 08
- 惠州好益康总部大楼 / 通力电梯 09
- 东莞海悦花园大酒店 / 上海三菱电梯 10

湖南

- 湖南省人民政府/三菱电梯
- 长沙富兴世界金融中心/通力电梯
- 长沙华远·金外滩/通力电梯
- 长沙汇金国际/通力电梯
- 湖南省华菱集团/三菱电梯
- 长沙恒大雅苑/OTIS电梯
- 湘潭财政局/西子OTIS电梯
- 邵东县中医院/西子OTIS电梯

湖北

- 武汉绿地/通力电梯
- 武汉王家墩CBD商务区/蒂森电梯
- 武汉协和医院门诊楼/东芝电梯
- 武汉中百商厦/三菱电梯
- 武汉亚心医院/OTIS电梯
- 武汉华润中央公园/日立电梯
- 武汉未来城/博林特电梯
- 中国长江三峡集团（宜昌）/OTIS电梯
- 武汉百脑汇/永大电梯

陕西

- 西安赛格商业广场 / 蒂森电梯
- 西安未央国际 / 迅达电梯
- 西安中大国际 / 通力电梯
- 西安机场 / OTIS电梯
- 西安威斯汀酒店 / OTIS电梯
- 汉中市百悦国际酒店 / OTIS电梯
- 西安曲江国际饭店 / 蒂森电梯
- 西安欧亚经济论坛 / OTIS电梯
- 安康恒大 / OTIS电梯
- 西安市新长安广场 / OTIS电梯

江西

- 南昌中航国际广场/OTIS电梯
- 江西省人民医院/西子OTIS电梯
- 南昌云中城/蒂森电梯
- 南昌城投大厦/通力电梯
- 南昌国税局/西子OTIS
- 南昌第一医院/西子OTIS
- 江西上高万象广场/迅达电梯
- 南昌首创钜大奥特莱斯/迅达电梯

广西

- 南宁九洲国际/通力电梯
- 南宁华润中心/通力电梯
- 南宁东站/博林特电梯
- 柳州阳光100城市广场/OTIS电梯
- 柳州地王/通力电梯
- 南宁绿地中央广场/通力电梯
- 南宁剧场/迅达电梯
- 南宁江南区政府行政中心/迅达电梯

海南

- 三亚亚特兰蒂斯酒店/OTIS电梯
- 三亚海棠湾洲际酒店/华升富士达电梯
- 三亚凤凰岛/西子OTIS电梯
- 海口香格里拉大酒店/通力电梯
- 海口市观澜湖/迅达电梯
- 海口椰岛广场/蒂森电梯
- 海南大厦/通力电梯
- 三亚威斯汀酒店/OTIS电梯



重庆

- 重庆环球中心 / 迅达电梯 01
- 重庆来福士广场 / 通力电梯 02
- 重庆威斯汀酒店 / 迅达电梯 03
- 重庆日月光中心 / 日立电梯 04
- 重庆国汇凯宾斯基酒店 / OTIS电梯 05
- 重庆国泰广场 / 通力电梯 06
- 重庆龙湖MOCO二期 / OTIS电梯 07
- 重庆时代天街 / 西子OTIS电梯 08
- 重庆金源时代购物中心 / 康力电梯 09
- 重庆万豪酒店 / 迅达电梯 10

四川

- 成都新世纪环球中心/康力电梯
- 成都国金/日立电梯
- 成都喜年广场/日立电梯
- 成都富力熊猫城/日立电梯
- 成都明宇金融中心/OTIS电梯
- 成都龙湖世纪城/西子OTIS电梯
- 成都绿地中心/通力电梯
- 泸州江阳国税局/蒂森电梯
- 成都温哥华广场/LG电梯
- 成都旺旺角商业广场/永大电梯

云南

- 昆明新机场/通力电梯
- 昆明交易大厦/通力电梯
- 昆明水电站/OTIS电梯
- 德宏州芒市医院/西子OTIS电梯
- 昆明顺峰饮食/西子OTIS电梯
- 腾冲世纪金源大饭店/康力电梯
- 景洪世纪金源大饭店/康力电梯
- 个旧丽水金湾/通力电梯

贵州

- 贵阳世纪金源购物中心/康力电梯
- 贵阳新世界酒店/通力电梯
- 贵阳中天未来方舟/OTIS电梯
- 贵州省气象局/OTIS电梯

山西

- 太原华润 / 通力电梯
- 太原拉斐特 / OTIS电梯
- 太原湖滨广场 / OTIS电梯
- 大同恒大绿洲 / OTIS电梯

新疆

- 喀什深圳援疆基地 / 通力电梯
- 喀什深业丽笙酒店 / 通力电梯
- 乌鲁木齐恒地金色城品 / 迅达电梯
- 新疆五家渠恒大金碧天下 / OTIS电梯

内蒙古

- 乌海恒大绿洲/OTIS电梯
- 呼和浩特恒大华府/OTIS电梯
- 中国银行内蒙古分行/OTIS电梯

电梯轿厢空气净化器 ELEVATOR CAR AIR PURIFIER

近年来，随着房地产的蓬勃发展，新建大楼数量剧增，配套的电梯轿厢内灰尘较大，装修材料的气味较浓，成为一个相当普遍的问题。在用梯中，由于电梯轿厢相对密闭，人员密集，如何高效安全地杀死诸如流感病毒、SARS、肺结核等通过空气传播的致病源，成为电梯乘客和电梯公司亟待解决的一个问题。

紫外线可以杀死现在已知的几乎所有病毒细菌，只是对于不同的病菌有不同的杀灭时间。根据2003年中国疾病预防控制中心病毒病预防控制所专家董小平的研究发现，严重急性呼吸道症候群(SARS)冠状病毒的生存能力比原来估计要强，但是高温消毒和紫外线照射等方法，可以有效杀灭SARS。研究人员同时模拟自然条件下的日光，检测日光中紫外线对冠状病毒的杀灭能力，结果发现，在北京地区5月份上午十时的晴朗天气下，紫外线照射三小时可杀灭SARS病毒，阴天中紫外线的杀灭能力就相对下降。

In recent years, with the vigorous development real estate market, the number of new buildings has increased dramatically, the dust in the supporting elevator car is large, and the smell of decoration materials is relatively strong, which has become a quite common problem. In the elevator car, because the car is relatively closed and crowded, how to effectively and safely kill airborne sources such as influenza virus, SARS, tuberculosis, etc., has become an urgent problem for elevator passengers and elevator companies.

Ultraviolet light kills almost all viral bacteria known to date, but has different killing times for different germs. According to a study by Dong Xiaoping, an expert from the Center for Viral Disease Prevention and Control of the Chinese Center for Disease Control and Prevention in 2003, the viability of severe acute respiratory syndrome (SARS) coronavirus is stronger than originally estimated, but methods such as high-temperature disinfection and ultraviolet irradiation can effectively kill SARS. The researchers simultaneously simulated daylight under natural conditions and tested the ability of ultraviolet light to kill coronavirus in sunlight. The results showed that in the sunny weather at 10 am in Beijing in May, UV rays could kill SARS for three hours, cloudy. The ability to kill ultraviolet light is relatively low.



国内目前电梯轿厢空气中管理中，安装紫外线杀菌装置的电梯非常少，这不是说我们的电梯不需要安装，而是我们的电梯乘客和电梯公司的认识和行动还没达到这样的重视程度。目前在国，医梯有强制规定必须安装紫外线杀菌装置，但由于其工作时间有限，一般是电梯停运后杀菌30~60分钟，对正在使用中的轿厢空气没有起到杀菌作用，这是个重大缺陷！但恰恰也是和山电梯轿厢空气净化器的重大优点，和山净化器能在轿厢内有人乘坐的情况下连续杀菌，且又能避免紫外线对人体造成的伤害。

In the current domestic air management of elevator cars, there are very few elevators equipped with ultraviolet disinfection devices. This is not to say that our elevators do not need to be installed, but the awareness and actions of our elevator passengers and elevator companies have not yet reached such importance. At present, in China, medical ladders have mandatory regulations to install ultraviolet disinfection devices. However, due to their limited working time, they are usually sterilized for 30 to 60 minutes after the elevator is stopped. This does not have a bactericidal effect on the air in use. This is a Major defect! However, it is also a major advantage of the mountain elevator car air purifier, and the mountain purifier can continuously sterilize in the case of a person riding in the car, and can avoid the damage caused by ultraviolet rays to the human body.



和山人一直致力于电梯轿厢空气温度调节，空气净化等领域研究，在第一代TYUV系列电梯轿厢紫外线杀菌系统的基础上，与国内高校、科研机构等展开了长时间深度合作，开发了高度智能化的第二代TJHQ系列电梯轿厢空气净化器；并委托上海市疾病预防控制中心对其杀菌效率进行了检测，结果表明，作用60min后，对20m³试验室内白色葡萄球菌杀灭率为99.86%—99.90%，非常高效。

对于装修材料气味的解决，我们采用了锐钛型TiO₂纳米材料，做成光触媒涂层，在紫外光的作用下，价带上的电子（e⁻）跃迁到导带，在价带上产生相应的空穴（h⁺），生成具有极强氧化作用的超氧离子自由基、羟基自由基、超氧羟基自由基，不仅能将甲醛、苯、甲苯、二甲苯、TVOC等有毒有害气体、污染物、臭气等氧化分解成无害的CO₂和H₂O，而且具有高效广谱的消毒性能，对各种常见的致病菌都有很好的抑制和杀灭作用。一般抗菌剂只有杀菌作用，但不能分解毒素，光触媒则可以将细菌遗体及在体内残留毒素完全分解，达到彻底消毒杀菌的目的。光触媒作用过程中本身不发生变化和损耗，只是提供一个反应场所，具有持续作用、性质稳定、安全无毒的优点，不产生二次污染，是绿色环保无污染产品。

Heshan has been committed to the research of elevator cabin air temperature control, air purification and other fields. Based on the first generation of TYUV series elevator cabin UV disinfection system, Heshan launched a long deep cooperation with domestic universities, research institutions, and developed the second generation TJHQ series elevator cabin air purifier. The air purify system is tested by Shanghai Disease control and Prevention Center to be as efficient as 99.86% – 99.90 in killing white staphylococcus in 20m³ lab under 60minute radiation.

For decoration materials odor solution, we have adopted TiO₂ nanomaterials to make photocatalytic coatings, under UV effect, valence band electrons (e⁻) transitions to the conduction band, the valence band create a corresponding hole (h⁺), it will generates superoxide anion radicals with high oxidation, hydroxyl radicals, superoxide hydroxyl radicals, can not only formaldehyde, benzene, toluene, xylene, TVOC and other toxic gases, pollutants, odors and other oxidation and decomposition into harmless CO₂ and H₂O, but an efficient broad-spectrum disinfection performance of a variety of common pathogens. General antibacterial agents only bactericidal effect, but can't break down toxins, bacteria photocatalyst can be completely decomposed remains and residual toxins in the body, to achieve complete sterilization purposes. Photocatalysis process itself does not change and loss, just to provide a response place, a continuing role, stable, safe and nontoxic advantage, no secondary pollution, is green pollution-free products.

TJHQ系列空气净化器吸取了多年市场经验和革新成果，采用纳米光触媒技术、优质进口紫外线灯、高效过滤系统等多项先进技术，具有广谱高效、高效过滤、空气净化、智能控制、故障报警五大卓越性能。可以与电梯空调联动安装，也可以与电梯风扇联动安装，适用于医院、商场、写字楼、酒店等场所。已用于北京大兴新机场、天津市人大、上海国金中心、广东省省委、深圳坪山妇幼保健院、重庆江北机场、成都东方广场、西安莱安中心、新疆克拉玛依飞机场、银川万科城市之光、沈阳恒隆广场、山西省建行、青岛海尔董事局大楼、湖北省农村信用社联合社、南通市政府、南昌大学第一附属医院、杭州市民中心、温州市国家电网、长沙楷林国际大厦、福州融侨中心、云南省第一人民医院、昆明恒隆广场等项目，我们以专业的精神，获得了用户专业的肯定！

TJHQ series air purifiers have absorbed many years of market experience and technological innovation achievements, and adopt many advanced technologies such as nanometer photocatalyst technology, high quality imported UV lamp, and high efficiency filtration system, etc., with five outstanding performances of wide spectrum high efficiency, high efficiency filtration, air purification, intelligent control and fault alarm. It can be installed in tandem with elevator air conditioners or elevator fans. It is suitable for hospitals, shopping malls, office buildings, hotels and other places. It has been used in Beijing Daxing New Airport, Tianjin People's Congress, Shanghai International Financial Center, Guangdong Provincial Party Committee, Shenzhen Pingshan Maternal and Child Health Hospital, Chongqing Jiangbei Airport, Chengdu Oriental Plaza, Xi'an Laian Center, Xinjiang Karamay Airport, Yinchuan Vanke City Light, Shenyang Hang Lung Plaza, Shanxi Provincial Construction Bank, Qingdao Haier Board of Directors Building, Hubei Provincial Rural Credit Cooperatives, Nantong Municipal Government, Nanchang University First Affiliated Hospital, Hangzhou Civic Center, Wenzhou State Grid, Changsha Kailin International Building, For projects such as Fuzhou Rongqiao Center, the First People's Hospital of Yunnan Province, and Kunming Henglong Plaza. We have won professional affirmation from users with our professional spirit!



型号说明

Model instructions

TJHQ-18K				
↓	↓	↓	↓	↓
1	2	3	4	5
名称	功率	类型	特殊代码	特殊代码

1. TJHQ：电梯轿厢空气净化器
TJHQ: Elevator Car Air Purifier
2. 紫外线灯标称功率（有18W和36W可选）
UV lamp power (18w or36w)
3. F：风机型，自带风机，可独立安装；K：空调型，与空调联动安装
F: Fan type, with fan, can be installed independently
K: Linked installation with air conditioner
4. 产品更新代数，“2”表示第二代…
Product update generation, "2" means second generation...
5. 出（回）风方式：
A：前面出风，底部回风；B：前面出风，后面回风
Air out,air return:
A: from front,from bottom; B: from front,from behind



空调联动系列轿厢空气净化器

Air-conditioning car air purifier

● 功能特点 Product Feature

- 安全可靠，电梯轿厢内有乘客时也可正常开启使用；
 - 原装进口紫外线灯，杀菌迅速，效率高，杀灭率可达99.9%以上；
 - 采用纳米光触媒技术，有效去除空气中的TVOC等有害物质；
 - 广谱高效，属于纯物理消毒方法，无二次污染；
 - 结构设计合理紧凑，安装方便；
 - 使用方便，和电梯空调同步工作（非标准定时器款可以独立开关机）；
 - 能耗低，寿命长，有效使用时间超过9000个小时。
- Safety and reliable, It can also be opened when there are passengers in the elevator car;
 - Original imported UV lamp, rapid sterilization, high efficiency, up to 99.9%;
 - Using Nanometer Photocatalyst technology to effectively remove harmful substances such as TVOC in the air;
 - Broad spectrum efficiency, the pure physical disinfection method, no secondary pollution;
 - Reasonable and compact structure design, easy to install;
 - Easy to use, work synchronously with elevator air conditioner (Non-standard timer models can be turned on and off independently);
 - Low energy consumption, effective lamp service more than 9000 hours.



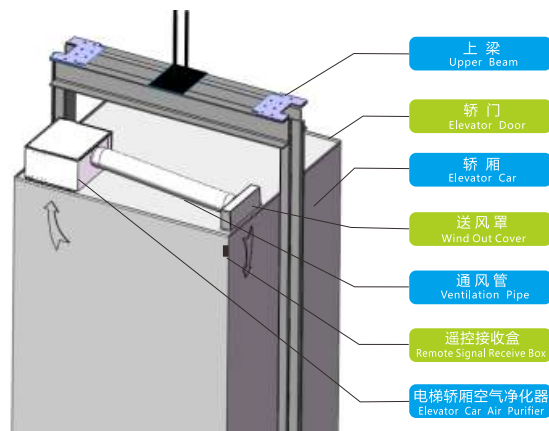
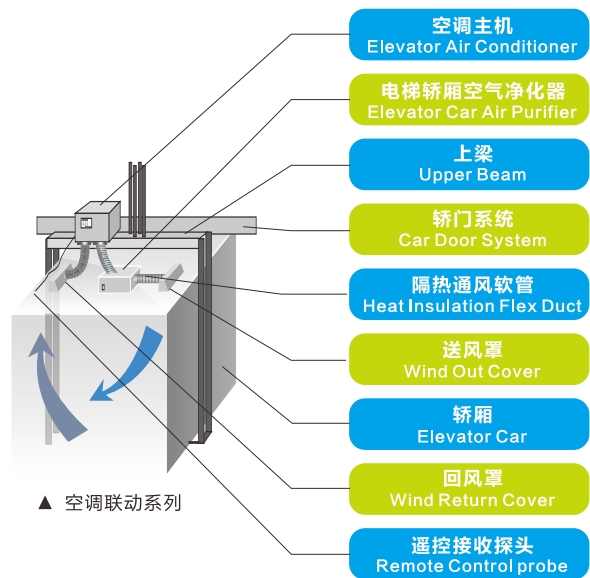
主要技术参数 Major Technical Data

型号 Model	电源 Power	额定功率 Rated Power (W)	灯电压 Voltage (V)	灯电流 Current (A)	灯管有效寿命 Effective Service Time (H)	外形尺寸(长*宽*高) Dimensions(L*W*H) (mm)	重量 Weight (kg)	适用电梯 For Elevator (kg)
TJHQ-18K	220V, 50Hz	18	60	0.37	9000	320*190*260	3	≤1350
TJHQ-36K	220V, 50Hz	36	105	0.44	9000	500*190*260	4.3	≤2000

备注：上述型号也适用于230V 60Hz电源，具体参数请以铭牌为准。

Remarks: The above models are also suitable for 230V 60Hz power supply, please refer to the nameplate for specific parameters.

● 安装示意图 The installation diagram



▲ 风机联动系列（A款为例）

风机联动系列轿厢空气净化器

Air-conditioning car air purifier

● 主要功能特点 Product Feature

- 安全可靠，电梯轿厢内有乘客时也可开启使用；
 - 原装进口紫外线灯，杀菌迅速，效率高，杀灭率可达99.9%以上；
 - 采用纳米光触媒技术，有效去除空气中的TVOC等有害物质；
 - 高效的过滤系统：采用初效和含活性炭的HEPA高效过滤网，2.5μm颗粒物过滤效率达到99.5%以上；
 - 广谱高效，属于纯物理消毒方法，无二次污染；
 - 结构设计合理紧凑，安装方便，电源独立控制；
 - 使用方便，可在轿厢内遥控操作，也可设置定时自动运行；
 - 轿厢内有显示面板，对运行状态，故障报警等进行监测；
 - 能耗低，寿命长，有效使用时间超过9000个小时。
- Safety and reliable, It can also be opened when there are passengers in the elevator car;
 - Original imported UV lamp, rapid sterilization, high efficiency, up to 99%;
 - Using Nanometer Photocatalyst technology to effectively remove harmful substances such as TVOC in the air;
 - High-efficiency filtration system: the primary effect and HEPA high-efficiency filter with activated carbon are used, and the filtration efficiency of 2.5μm particulate matter is above 99.5%;
 - Broad spectrum efficiency, the pure physical disinfection method, no secondary pollution;
 - Reasonable and compact structure design, easy to install, independent power control;
 - Easy to use, can be operated remotely in the car, and can also be set to run automatically at a time;
 - There is a display panel in the car to display the running state, fault alarm and so on;
 - Low energy consumption, effective lamp service more than 9000 hours.

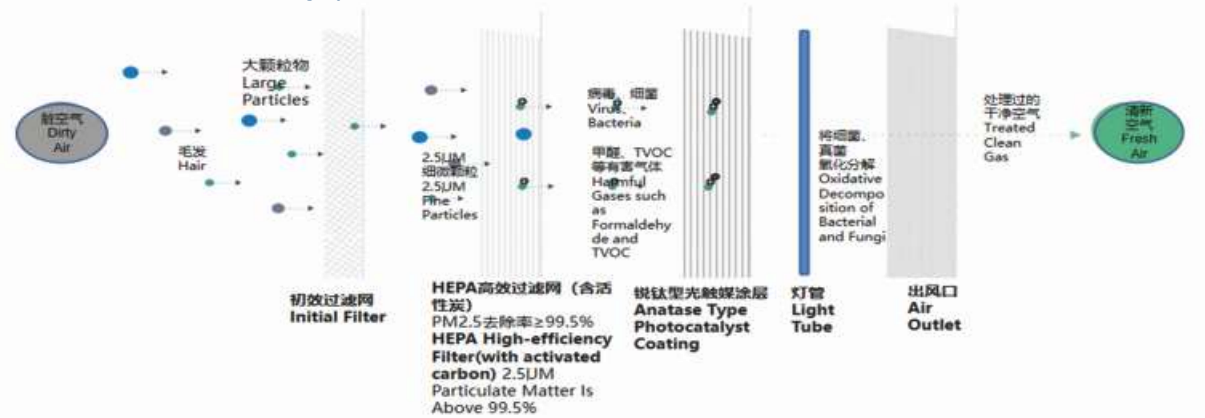


▲ A款



▲ B款

● 高效的过滤系统 Filtering system



主要技术参数 Major Technical Data

主机型号 Model	电源 Power	额定输入功率 Rated Power (W)	风量 Air flow (m³/h)	灯电压 Voltage (V)	灯电流 Current (A)	灯管有效寿命 Effective Service Time (H)	PM2.5去除率 Removal rate of PM2.5	噪音 Noise dB(A)	外形尺寸(长*宽*高) Dimensions(L*W*H) (mm)	重量 Weight (kg)	适用电梯 For Elevator (kg)
TJHQ-18F2	220V, 50Hz	105	330	60	0.37	9000	≥99.5%	<55	380*270*230	10	≤1350
TJHQ-36F2	220V, 50Hz	130	380	105	0.44	9000	≥99.5%	<55	400*460*230	13	≤2000

备注：上述型号也适用于230V 60Hz电源，具体参数请以铭牌为准。

Remarks: The above models are also suitable for 230V 60Hz power supply, please refer to the nameplate for specific parameters.