



CHILLERS
制冷机组系列
A9

全球信赖品质
World Trusted Quality



机电设备安装工程专业承包壹级资质
the First-grade Certification of Electromechanical Equipment Installation
ISO9001质量管理体系认证
Certified by ISO9001 quality system
ISO14001环境管理体系认证
Certified by ISO14001 environment system
首批荣获国家质检总局颁发全国工业产品生产许可证
First got the refrigeration equipment
production permit issued by National Quality Testing Bureau

Unit air conditioners for computer and data processing rooms

计算机和数据处理机房用单元式空气调节机



www.yatai.cc

以前我们认识世界，现在世界认识我们
We knew the world before, the world knows us now.

Dezhou YATAI Group CHINA

Dezhou YATAI Group

Dezhou YATAI Group CHINA

Dezhou YATAI Group CHINA

以人为本 / 品质 / 创新 / 服务

Dezhou YATAI Group CHINA

Dezhou YATAI Group CHINA

Dezhou YATAI Group
Dezhou YATAI Group

Dezhou YATAI Group CHINA

Dezhou YATAI Group CHINA

Dezhou YATAI Group CHINA

德州亚太集团有限公司

德州市亚太空调设备有限公司

德州亚佳制冷空调工程有限公司

德州亚太集团安装有限公司

德州市亚太玻璃钢设备有限公司

Dezhou Yatai Group Co.,Ltd

Dezhou Yatai Air Conditioning Equipment Co.,Ltd
Dezhou Yajia Refrigeration and Air Conditioning Engineering Co., Ltd.
Dezhou Yatai Group Installation Co., Ltd.
Dezhou Yatai Glass Fiber Reinforced Equipment Co.,Ltd

Dezhou YATAI Group CHINA

Dezhou YATAI Group CHINA
Dezhou YATAI Group CHINA



Dezhou YATAI Group CHINA

Dezhou YATAI Group CHINA

Dezhou YATAI Group China
Dezhou YATAI Group CHINA

中国德州亚太集团

DEZHOU YATAI GROUP

CHINA

Dezhou YATAI Group CHINA
Dezhou YATAI Group CHINA

I Group CHINA
YATAI Group CHINA

亚太的品牌理念

全力推动创新科技的应用

致力于人类生活品质的提升、让科技引领生活

创世界满意品牌

THE CONCEPT OF YATAI BRAND

Promotes,with full strength,the application of innovative technology.Strives for the extension of living quality for human being,let the science and technology lead the new life and creates world satisfactory brand.

全球信赖品质

World Trusted Quality



德州亚太集团是国内大型中央空调制冷系统集成供应商。

集多年潜心研究，博采众长自成体系，打造出一流的中央空调全套设备和众多精品工程。国内以中央电视台新址、酒泉卫星发射中心、国家质检总局、三峡工程及近二十个北京奥运场馆等为代表，国外以巴基斯坦乌奇电厂、柬埔寨金边市大都会广场、印度帕帕多拉工程为代表的重点项目，采用了亚太中央空调设备，长期稳定，节能环保，获得了广泛的赞誉。

ISO9001、14001、3C、UL、CE、CRAA 等一系列认证；主机列入节能产品政府采购清单、数十项国家专利、国家级高新技术企业、中国驰名商标，充分标明了亚太集团的管理水平和产品水平。

与荷兰阿波罗合资，以欧洲标准制造的洁净设备全部返销发达国家、中央空调设备相继进入十几个国家和地区，展示亚太集团已经步出国门，与国际接轨。

植根齐鲁大地，秉持“以人为本”的经营理念，崇尚“以德待人”的儒家文化，亚太集团愿与您共同开创明天的辉煌。

Dezhou Yatai Group is a supplier of large central air conditioning and refrigeration system in China.

Yatai has developed whole set of advanced central air conditioner and lots of wonderful projects based on long-term research and features of the others. Many famous projects adopted Yatai central air conditioners that run smoothly, save energy, protect environment and won good reputation widely like the New CCTV, the Jiuquan Satellite Launching Center, the General Bureau of National Quality Inspection, Three-gorge Engineering Project, over 20 Beijing Olympic Stadiums and others in China; the UCH Power Plant in Pakistan, the Phnom Penh Capital Squire in Cambodia, the Priyadarshini Jurala Project in India and others across the world.

Yatai has certified by ISO9001, 14001, 3C, UL, CE, CRAA and others; its chiller names have been put on the government purchasing list as energy saving products and obtained dozens of national patents, National High-technology Enterprise and Chinese Famous Trademark, which show the managements and product qualities of Yatai Group.

The filtering equipment made by the joint venture, co-invested with Dutch Afro Company, according to the European Standards air exported fully to the developed countries; the central air conditioners have exported to over 10 countries or regions, which show that Yatai Group has stepped into oversea market and been in the line with the international.

Located at Shandong Province, insisting on business idea of "humanism" and advocating the Confucianism of "getting along with people by morality" Yatai Group wishes to create a brilliant future with you.



中国德州亚太集团
CHINA DEZHOU YATAI GROUP



以一流技术研制全方位产品

Developing the omni-directional products by the first-class technology

使用精品 造就精品

世界著名制造商生产的最现代化装备和领先同行业的高科技含量是亚太始终保持竞争优势的强力保证

Using high-quality goods Making high-quality goods

The modernized equipment produced by world famous manufacturers And the high content leading in the same profession

Are Yatai's guarantee of maintaining his competitive advantage all the time

全球信赖品质

World Trusted Quality



机电设备安装工程专业承包壹级资质
the First-grade Certification of Electromechanical Equipment Installation
ISO9001质量管理体系认证
Certified by ISO9001 quality system
ISO14001环境管理体系认证
Certified by ISO14001 environment system
首批荣获国家质检总局颁发全国工业产品生产许可证
First got the refrigeration equipment
production permit issued by National Quality Testing Bureau

Honorable Qualification



CHILLERS

制冷机组系列

Unit air conditioners for computer and data processing rooms

计算机和数据处理机房用单元空气调节机

目录

CATALOG

产品简介	02
Product Introduction	
室内机型号命名	02
Indoor unit naming	
室外机型号命名	03
Outdoor unit naming	
送回风方式	03
Air supply/return mode	
制冷量测定条件	03
Cooling capacity measurement condition	
特殊环境条件	03
Special Ambient Conditions	
室内机性能参数	04
Indoor Unit Performance Parameter	
YJFN系列	04
YJFN series	
YJFWX系列	05
YJFWX series	
YJFNM模块系列	06
YJFNM module series	
YJFWXM模块系列	07
YJFWXM module series	
J-SW-N系列	08
J-SW-N series	
J-SW-W系列	08
J-SW-W series	
YJFN配套数量	09
YJFN matching quantity	
YJFWX配套数量	09
YJFWX supporting quantity	
室内机示意图	10
Diagrammatic sketch of indoor unit	
室外机示意图	12
Diagrammatic sketch of outdoor unit	
选型指南	14
Model selection guide	





风冷模块冷热水机组
Wind cooling modular chiller/heater system



户式风冷冷热水机组
Air-cooling residential chiller/heater system



水冷冷水机组
Water-cooling chiller system



水源热泵机组-地下水循环式
Water source heat pump—Underground water circulating type



水源热泵机组-地下环路式(地埋管)
Water source heat pump—Underground loop type (Buried pipe)



屋顶式空气调节机
Rooftop Air Handling Unit

Unit air conditioners for computer and data processing rooms

计算机和数据处理机房用单元式空气调节机

CHILLERS
制冷机组系列



产品简介

Product introduction

亚太牌机房用空调机，是亚太集团在借鉴了国内外同类设备的优点基础上，自主研发的适用于特种工艺性环境的空调机组，其结构紧凑、性能可靠、操作维护方便。

该类设备主要适用于计算机房、通讯程控机房、数据交换机房、精密机械制造、电力控制中心、各类实验室等对温湿度要求比较高的场所。

该产品为模块化设计，体积小、结构紧凑，运输、安装就位方便，分为上送风、下送风两大类、28个规格型号，单机制冷量6-80kW，送风量1700-23000m³/h。

本样本产品按现行国家标准GB/T 19413-2024《数据中心和通信机房用空气调节机组》进行设计生产。

- ※ 选用国际知名品牌的压缩机和制冷配件
- ※ 选用国际通用型电脑控制器及触摸型人机界面
- ※ 刚性结构，坚固耐用
- ※ 预留RS485或RJ45通讯接口，便于集中监控
- ※ 完善的各种保护措施

Based on the advantages of similar equipment at home and abroad, Yatai brand special air conditioner for computer room is independently researched and developed by Yatai Group, which is suitable for special technological environment. Its characteristics include compact structure, reliable performance and convenient operation and maintenance.

The unit is mainly used in computer room, communication exchange room, data exchange room, precision machinery manufacturing, electric power control center, all kinds of lab that have high requirement for temperature and humidity.

This module-designed product has advantages of small volume, compact structure, easy transportation and installation. It can be divided into two categories---top air supply and bottom air supply and 28 specifications. Single unit cooling capacity is 6-80kW. Air supply capacity is 1700-23000m³/h.

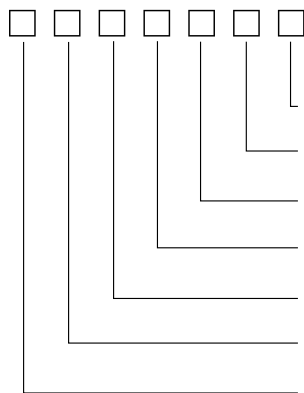
All products in this catalogue are designed and manufactured in accordance with the current national standard GB/T 19413-2024 Air-conditioning Units for Data Centers and Telecommunication Equipment Rooms.

- ※ Select internationally famous compressor and HVAC parts
- ※ Select internationally universal computer controller and touch HMI.
- ※ Rigid structure, sturdy and durable
- ※ Reserve RS485 or RJ45 communication interface which is convenient for centralized monitor
- ※ Various kinds of protective measures



室内机型号命名

Indoor unit naming



- 送回风方式：上送风系列（不表示），X-下送风系列
Air supply/return mode: Top air supply (no indication), X- Bottom air supply series
- 模块式：M
Modular type: M
- 压机位置：N-室内机 W-室外机
Air compressor location: N-indoor unit W-outdoor unit
- 制冷量：数字 × 10³W
Cooling Capacity: figure × 10³W
- 冷凝方式：F-风冷方式
Condensation way: F- Air cooling
- 功能：J-机房专用
Function: J-special for computer room
- 公司代号：Y-亚太集团
Company code: Y-Yatai Group



风冷模块冷热水机组
Wind cooling modular chiller/heater system



户式风冷冷热水机组
Air-cooling residential chiller/heater system



水冷冷水机组
Water-cooling chiller system



水源热泵机组-地下水循环式
Water source heat pump—Underground water circulating type



水源热泵机组-地下环路式(地埋管)
Water source heat pump—Underground loop type (Embedded pipe)



屋顶式空气调节机
Rooftop Air Handling Unit

室外机型号命名 Outdoor unit naming



N: 压缩机在室内机 W: 压缩机在室外机
N: Air compressor in indoor unit W: Air compressor in outdoor unit
数字: 压缩机额定功率HP
Number: Air compressor rated power HP
SW: 室外机组
SW: Outdoor unit
J: 机房专用
J: Special for computer room

例:

For example:

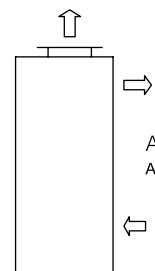
Y J F 25 N

上送风机型, 压缩机安装在室内
Ceiling air supply model, Air compressor at indoor
制冷量 $25 \times 10^3 \text{W}$
Cooling capacity $25 \times 10^3 \text{W}$
风冷冷凝器
Air cooled condenser
机房专用
Special for computer room
亚太集团
Yatai Group

J-SW-5-N: 压缩机在室内侧、机房专用5HP室外机组。
J-SW-5-N: indoor air compressor, outdoor 5HP unit for computer room.

送回风方式

Air supply/return mode



A: 前回风, 前送风或上送风
A: Front air return, front air supply or top air supply



B: 上回风、下送风
B: Top air return, bottom air supply

制冷量测定条件

Cooling capacity measurement condition

样本中的制冷量及相关性能参数, 均是在以下工况条件测定的:

蒸发器进口干球温度: 24°C ; 湿球温度: 17°C

冷凝器进口干球温度: 35°C ; 湿球温度: 24°C

Cooling capacity and relevant performance parameter on the catalogue were measured in the following working conditions:

Dry-bulb temperature at the entry of evaporator: 24°C ; wet-bulb temperature: 17°C

Dry-bulb temperature at the entry of condenser: 35°C ; wet-bulb temperature: 24°C

特殊环境条件

Special Ambient Conditions

对于超出国家标准GB/T19413-2024《数据中心和通信机房用空气调节机组》关于室外环境温度要求的机组, 其性能参数和外形尺寸未列入本样本, 如有需要可提供非标设计。

For units whose outdoor ambient temperature operating range exceeds the requirements specified in the national standard GB/T 19413-2024 "Air-conditioning Units for Data Centers and Telecommunication Equipment Rooms", their performance parameters and overall dimensions are not included in this catalogue. Custom non-standard designs are available upon request.



室内机性能参数

Indoor Unit Performance Parameter

YJFN系列

YJFN series

性能 Performance			型号 Model									
			YJF6N	YJF8N	YJF10N	YJF12N	YJF15N	YJF20N	YJF25N	YJF30N	YJF35N	YJF40N
空调机组性能 Air condition performance	制冷量 Cooling capacity	kW	5.8	8.1	9.7	12.2	14.9	20.1	24.9	29.7	35.1	39.8
	能量控制 Energy control	%	0/100	0/100	0/100	0/100	0/100	0/100	0/100	0/100	0/100	0/100
	电加热 Electric heating	kW	3.0	3.0	3.0	4.5	4.5	6.0	9.0	9.0	12.0	12.0
	送风量 Air supply volume	m³/h	1700	2400	2800	3500	4200	5800	7000	8500	9800	11500
	机外余压 Margin blast pressure	Pa	30-100	30-100	30-100	50-100	50-100	50-120	50-120	50-120	50-120	50-120
	机组噪音 Unit noise	dB(A)	62	62	63	63	64	79	80	82	82	84
	温控范围 Temp control range	℃	17-28±1℃									
	湿度控制 Humidity control	%	40-60%±10%									
	使用电源 Power		AC 380V 50Hz (三相四线制) AC 380V 50Hz(3 phases 4 wires)									
	制冷功率 Cooling power	kW	2.4/2.5	3.1/3.3	3.8/3.9	4.3/4.5	4.8/5.1	7.8	9.2	10.6	12.8	14.9
室内机 Indoor plant	压缩机 Air compressor	类型 Type	全封闭涡旋式 Fully closed scroll compressor									
		数量 Quantity	1									
	制冷剂 Cooling agent	使用工质 Working medium	R410A R407C									
		控制形式 Control mode	外平衡式膨胀阀 External-balance type expansion valve									
	蒸发器 Evaporator	类型 Type	铜管套铝翅片 Copper pipe passing through aluminium fin									
	送风机 Supply fan	类型 Type	离心式风机 Centrifugal fan									
		驱动方式 Driver mode	直联驱动 Coupled-type driving									
	过滤器 Filter	初效 Coarse filter	G3-板式 G3 panel type									
	加热器 Heater	电加热 Electric heating	3.0	3.0	3.0	4.5	4.5	6.0	9.0	9.0	12.0	12.0
	加湿器 Humidifier	形式 Mode	电极式 Electric pole type									
		加湿量 kg/h Humidification capacity	2.0				4.0				8.0	
		进水管径 Feed tube diameter	1/2 英寸 1/2 inches									
	外形尺寸 Outside size	长 (mm) Length	760			860		960	1300		1460	
		宽 (mm) Width	650			800		800	800		800	
		高 (mm) Height	1860+400			1990+400		1990+400	1990+500		1990+500	
	重量 Weight	kg	220.0	240.0	280.0	300.0	340.0	420.0	460.0	510.0	530.0	580.0

注:

- 1、以上机型均为上送风方式，可配送风风帽。
- 2、制冷功率是指在名义工况下制冷运行的消耗功率。
- 3、以上为标准余压型，如有特殊要求，可非标设计。
- 4、外形尺寸不含送风风帽，仅供参考。
- 5、机组重量仅供参考。

Note:

1. The above models are top air supply types. The air vent is optional.
2. Refrigeration power refers to the power consumed by refrigeration operation under nominal working conditions.
3. The above are the standard residual pressure types. If there are special requirements, non-standard design is optional.
4. Dimension of air supply vent is not included, for reference only.
5. The unit weight is for reference only.



风冷模块冷热水机组
Wind cooling modular chiller/heater system



户式风冷冷热水机组
Air-cooling residential chiller/heater system



水冷冷水机组
Water-cooling chiller system



水源热泵机组-地下水循环式
Water source heat pump—Underground water circulating type



水源热泵机组-地下环路式(地埋管)
Water source heat pump—Underground loop type (Embedded pipe)



屋顶式空气调节机组
Rooftop Air Handling Unit

YJFWX系列 YJFWX series

性能 Performance			型号 Model									
			YJF6WX	YJF8WX	YJF10WX	YJF12WX	YJF15WX	YJF20WX	YJF25WX	YJF30WX	YJF35WX	YJF40WX
空调机组性能 Air condition performance	制冷量 Cooling capacity	kW	5.8	8.1	9.7	12.2	14.9	20.1	24.9	29.7	35.1	39.8
	能量控制 Energy control	%	0/100	0/100	0/100	0/100	0/100	0/100	0/100	0/100	0/100	0/100
	电加热 Electric heating	kW	3.0	3.0	3.0	4.5	4.5	6.0	9.0	9.0	12.0	12.0
	送风量 Air supply volume	m³/h	1700	2400	2800	3500	4200	5800/2.3	7000/2.5	8500/2.5	9800/3.1	11500/4.3
	机外余压 Margin blast pressure	Pa	60	60	60	80	80	120	120	120	120	120
	机组噪音 Unit noise	dB(A)	62	62	63	63	64	79	80	82	82	84
	温控范围 Temp control range	℃	17-28 ± 1℃									
	湿度控制 Humidity control	%	40-60% ± 10%									
	使用电源 Power		AC 380V 50Hz (三相四线制) AC 380V 50Hz(3 phases 4 wires)									
	制冷功率 Cooling power	kW	2.5	3.3	3.9	4.5	5.1	7.8	9.2	10.6	12.8	14.9
室内机 Indoor plant	压缩机 Air compressor	类型 Type	全封闭涡旋式 Fully closed scroll compressor									
		数量 Quantity	1									
	制冷剂 Cooling agent	使用工质 Working medium	R410A R407C									
		控制形式 Control mode	外平衡式膨胀阀 External-balance type expansion valve									
	蒸发器 Evaporator	类型 Type	铜管套铝翅片 Copper pipe passing through aluminium fin									
	送风机 Supply fan	类型 Type	离心式风机 Centrifugal fan									
		驱动方式 Driver mode	直联驱动 Coupled-type driving									
	过滤器 Filter	初效 Coarse filter	G3-板式 G3 panel type									
	加热器 Heater	电加热 Electric heating	3.0	3.0	3.0	4.5	4.5	6.0	9.0	9.0	12.0	12.0
	加湿器 Humidifier	形式 Mode	电极式 Electric pole type									
		加湿量 kg/h Humidification capacity	2.0			4.0				8.0		
		进水管径 Feed tube diameter	1/2 英寸 1/2 inches									
	外形尺寸 Outside size	长 (mm) Length	760			860		960	1300		1460	
		宽 (mm) Width	650			800		800	800		800	
		高 (mm) Height	1860			1990		1990	1990		1990	
	重量 Weight	kg	190.0	210.0	250.0	260.0	300.0	380.0	410.0	460.0	480.0	530.0

注:

- 1、以上机型均为下送风方式，活动地板下弥散送风。
- 2、制冷功率是指在名义工况下制冷运行的消耗功率。
- 3、以上为标准余压型，如有特殊要求，可非标设计。
- 4、机组重量仅供参考。

Note:

1. All the above models are all bottom air supply types, and the diffuse air supply is under the movable floor.
2. Refrigeration power refers to the power consumed by refrigeration operation under nominal working conditions.
3. The above is the standard residual pressure type. If there are special requirements, non-standard design is optional
4. The unit weight is for reference only.

YJFNM模块系列 YJFNM module series

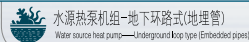
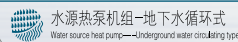
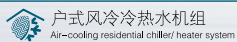
性能 Performance			型号 Model	YJF50NM	YJF60NM	YJF70NM	YJF80NM
空调机组性能 Air condition performance	制冷量 Cooling capacity	kW	50.2	59.7	70.1	79.8	
	能量控制 Energy control	%	0/50/100	0/50/100	0/50/100	0/50/100	
	电加热 Electric heating	kW	2X9.0	2X9.0	2X12.0	2X12.0	
	送风量 Air supply volume	m³/h	2 × 7000	2 × 8500	2 × 9800	2 × 11500	
	机外余压 Margin blast pressure	Pa	50–120	50–120	50–120	50–120	
	机组噪音 Unit noise	dB(A)	82	83	84	86	
	温控范围 Temp control range	℃	17–28 ± 1℃				
	湿度控制 Humidity control	%	40–60% ± 10%				
	使用电源 Power		AC 380V 50Hz (三相四线制) AC 380V 50Hz(3 phases 4 wires)				
	制冷功率 Cooling power	kW	2 × 9.2	2 × 10.6	2 × 12.8	2 × 14.9	
室内机 Indoor plant	压缩机 Air compressor	类型 Type	全封闭涡旋式 Fully closed scroll compressor				
		数量 Quantity	2				
	制冷剂 Cooling agent	使用工质 Working medium	R410A R407C				
		控制形式 Control mode	外平衡式膨胀阀 External–balance type expansion valve				
	蒸发器 Evaporator	类型 Type	铜管套铝翅片 Copper pipe passing through aluminium fin				
	送风机 Supply fan	类型 Type	离心式风机 Centrifugal fan				
		驱动方式 Driver mode	直联驱动 Coupled–type driving				
	过滤器 Filter	初效 Coarse filter	G3–板式 G3 panel type				
	加热器 Heater	电加热 Electric heating	2 × 9.0	2 × 9.0	2 × 12.0	2 × 12.0	
	加湿器 Humidifier	形式 Mode	电极式 Electric pole type				
		加湿量 kg/h Humidification capacity	2 × 4.0	2 × 8.0			
		进水管径 Feed tube diameter	1/2 英寸 1/2 inches				
	外形尺寸 Outside size	长 (mm) Length	2 × 1300			2 × 1460	
		宽 (mm) Width	800			800	
		高 (mm) Height	1990+500			1990+500	
	重量 Weight	kg	2 × 460.0	2 × 510.0	2 × 530.0	2 × 580.0	

注:

- 1、以上机型为模块上送风方式，可配送风风帽。
- 2、制冷功率是指在名义工况下制冷运行的消耗功率。
- 3、以上为标准余压型，如有特殊要求，可非标设计。
- 4、外形尺寸不含送风风帽，仅供参考。
- 5、机组重量仅供参考。

Note:

1. The above models are modular top air supply mode. The air vent is optional.
2. Refrigeration power refers to the power consumed by refrigeration operation under nominal working conditions.
3. The above is the standard residual pressure type. If there are special requirements, non-standard design is optional.
4. Dimension of air supply vent is not included, for reference only.
5. The unit weight is for reference only.



YJFWXM模块系列

YJFWXM module series

性能 Performance			型号 Model	YJF50WX	YJF60WX	YJF70WX	YJF80WX	
空调机组性能 Air condition performance	制冷量 Cooling capacity	kW	50.2	59.7	70.1	79.8		
	能量控制 Energy control	%	0/50/100	0/50/100	0/50/100	0/50/100		
	电加热 Electric heating	kW	2X9.0	2X9.0	2X12.0	2X12.0		
	送风量 Air supply volume	m³/h	2X7000	2X8500	2X9800	2X11500		
	机外余压 Margin blast pressure	Pa	120	120	120	120		
	机组噪音 Unit noise	dB(A)	82	83	84	86		
	温控范围 Temp control range	℃	17-28 ± 1℃					
	湿度控制 Humidity control	%	40-60% ± 10%					
	使用电源 Power		AC 380V 50Hz (三相四线制) AC 380V 50Hz(3 phases 4 wires)					
	制冷功率 Cooling power	kW	2 × 9.2	2 × 10.6	2 × 12.8	2 × 14.9		
	制冷剂 Cooling agent	使用工质 Working medium	R410A R407C					
		控制形式 Control mode	外平衡式膨胀阀 External-balance type expansion valve					
	蒸发器 Evaporator	类型 Type	铜管套铝翅片 Copper pipe passing through aluminium fin					
		类型 Type	离心式风机 Centrifugal fan					
	送风机 Supply fan	驱动方式 Driver mode	直联驱动 Coupled-type driving					
		过滤器 Filter	初效 Coarse filter	G3-板式 G3 panel type				
	加热器 Heater	电加热 Electric heating	2 × 9.0	2 × 9.0	2 × 12.0	2 × 12.0		
		加湿器 Humidifier	形式 Mode	电极式 Electric pole type				
			加湿量 kg/h Humidification capacity	2 × 4.0	2 × 8.0			
	外形尺寸 Outside size	进水管径 Feed tube diameter	1/2 英寸 1/2 inches					
		长 (mm) Length	2 × 1300			2 × 1460		
			宽 (mm) Width	800			800	
	重量 Weight	高 (mm) Height	1990			1990		
			kg	2 × 410.0	2 × 460.0	2 × 480.0	2 × 530.0	

注:

- 1、以上机型为模块式下送风方式，活动地板下弥散送风。
- 2、制冷功率是指在名义工况下制冷运行的消耗功率。
- 3、以上为标准余压型，如有特殊要求，可非标设计。
- 4、机组重量仅供参考。

Note:

1. All the above models are all modular bottom air supply types, and the diffuse air supply is under the movable floor.
2. Refrigeration power refers to the power consumed by refrigeration operation under nominal working conditions.
3. The above is the standard residual pressure type. If there are special requirements, non-standard design is optional
4. The unit weight is for reference only.

J-SW-N系列 J-SW-N series

性能 Performance		型号 Model	J-SW-3-N	J-SW-4-N	J-SW-5-N	J-SW-6-N	J-SW-8-N	J-SW-10-N	J-SW-12-N
冷凝风机 Condense fan	类型 Type	外转子轴流式 Outer rotor axial flow							
	风量m³/h airflow	4000	7500			10800		7500	
	功率W Power	395.0	550.0			800.0		550.0	
	数量 Quantity	1						2	
冷凝器 Condenser	类型 Type	铜管套铝翅片 Copper tube passing through aluminum fin							
机组重量 Unit weight	约 kg approx.	70.0	80.0	90.0	120.0	140.0	170.0	190.0	
外形尺寸 Outside size	长（mm） Length	830			1090		1480	1600	
	宽（mm） Width	850			940		850	850	
	高（mm） Height	865			865		865	865	
连接铜管（焊接） Connect copper tube (welding)	供液管 Feed pipe	Φ9.0×0.8					Φ12.0×1.0	Φ16.0×1.0	
	排汽管 Exhaust pipe	Φ12.0×1.0					Φ22.0×1.0	Φ22.0×1.0	

1、“外形尺寸”仅供参考，本公司保留更改设计的权利，恕不事先通知。

2、“机组重量”仅供参考。

1. Outside size is only for reference. The company has the right to change the design without advanced notice.

2. Unit weight is for reference only.

J-SW-W系列 J-SW-W series

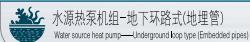
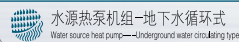
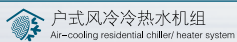
性能 Performance		型号 Model	J-SW-3-W	J-SW-4-W	J-SW-5-W	J-SW-6-W	J-SW-8-W	J-SW-10-W	J-SW-12-W
压缩机 Air compressor	数量 Quantity	1							
	制冷剂 Cooling agent	R22							
冷凝风机 Condense fan	类型 Type	外转子轴流式 Outer rotor axial flow							
	风量m³/h airflow	4000	7500			10800		7500	
	功率W Power	395.0	550.0			800.0		550.0	
	数量 Quantity	1						2	
冷凝器 Condenser	类型 Type	铜管套铝翅片 Copper tube passing through aluminum fin							
机组重量 Unit weight	约 kg approx.	100.0	110.0	120.0	150.0	170.0	210.0	230.0	
外形尺寸 Outside size	长（mm） Length	830			1090		1480	1600	
	宽（mm） Width	850			940		850	850	
	高（mm） Height	865			865		865	865	
连接铜管（焊接） Connect copper tube (welding)	供液管 Feed pipe	Φ9.0×0.8			Φ9.0×0.8		Φ12.0×1.0	Φ16.0×1.0	
	排汽管 Exhaust pipe	Φ12.0×1.0			Φ22.0×1.0		Φ28.0×1.0	Φ35.0×1.2	

1、“外形尺寸”仅供参考，本公司保留更改设计的权利，恕不事先通知。

2、“机组重量”仅供参考。

1. Outside size is only for reference. The company has the right to change the design without advanced notice.

2. Unit weight is for reference only.



YJFN系列配套数量

YJFN series supporting quantity

性能 Performance	型号 Model	J-SW-3-N	J-SW-4-N	J-SW-5-N	J-SW-6-N	J-SW-8-N	J-SW-10-N	J-SW-12-N
	YJF6N	1*						
	YJF8N	1*	1					
	YJF10N		1*	1				
	YJF12N		1*	1				
	YJF15N			1*				
	YJF20N				1*			
	YJF25N					1*		
	YJF30N			2			1*	
	YJF35N			2			1*	
	YJF40N				2			1*
	YJF50NM					2*		
	YJF60NM						2*	
	YJF70NM						2*	
	YJF80NM							2*

- 1、带 “*” 室外机组，为标准配置。
- 2、根据用户实际需要，也可进行其它组合。

1. Outdoor unit with "*" is standard configuration.
2. According to users' actual needs, other combinations can be carried out.

YJFWX系列配套数量

YJFWX series supporting quantity

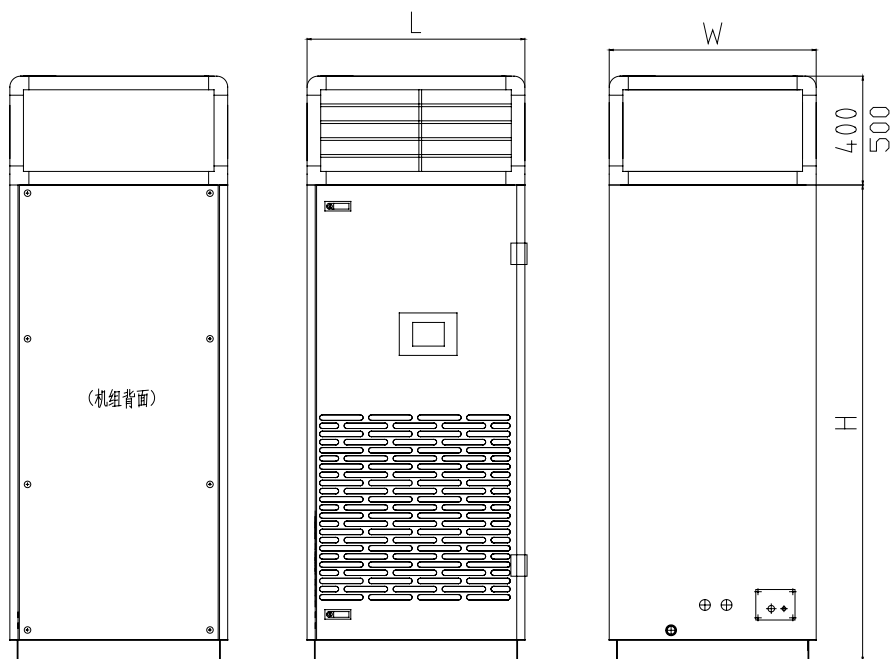
性能 Performance	型号 Model	J-SW-3-W	J-SW-4-W	J-SW-5-W	J-SW-6-W	J-SW-8-W	J-SW-10-W	J-SW-12-W
	YJF6WX	1*						
	YJF8WX	1*	1					
	YJF10WX	1*	1					
	YJF12WX	1*	1					
	YJF15WX		1*					
	YJF20WX			1*				
	YJF25WX				1*			
	YJF30WX		2			1*		
	YJF35WX		2			1*		
	YJF40WX			2			1*	1*
	YJF50WXM				2*			
	YJF60WXM					2*		
	YJF70WXM					2*		
	YJF80WXM						2*	2*

- 1、带 “*” 室外机组，为标准配置。
- 2、根据用户实际需要，也可进行其它组合。

1. Outdoor unit with "*" is standard configuration.
2. According to users' actual needs, other combinations can be carried out.

室内机示意图

diagrammatic sketch of Indoor unit

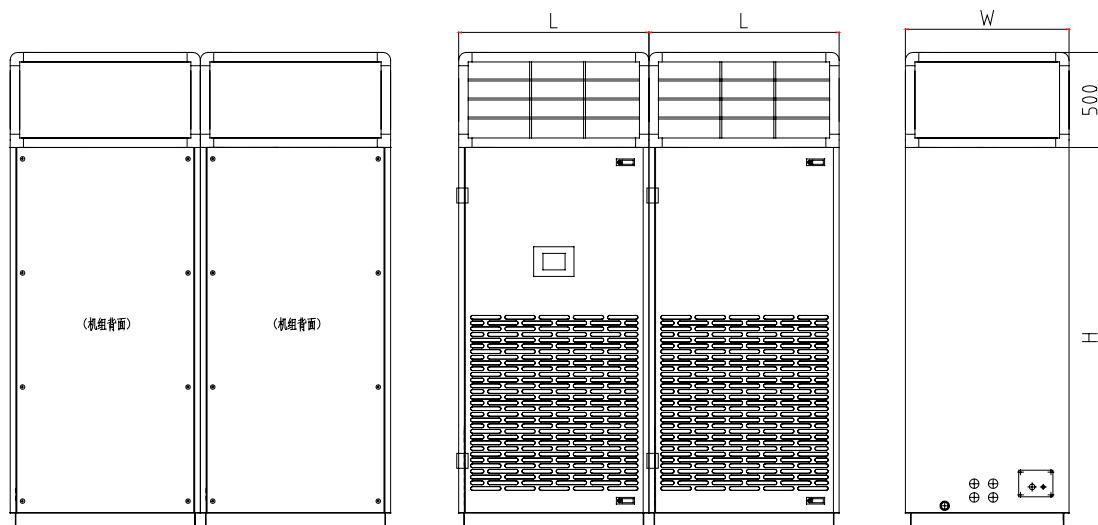


YJFN系列 YJFN series

	YJF6N	YJF8N	YJF10N	YJF12N	YJF15N
L	760			860	
W	650			800	
H	1860+400			1990+400	

	YJF20N	YJF25N	YJF30N	YJF35N	YJF40N
L	960	1300		1460	
W	800	800		800	
H	1990+400	1990+500		1990+500	

YJFNM系列 YJFNM series



	YJF50NM	YJF60NM	YJF70NM	YJF80NM
L	2 × 1300		2 × 1460	
W	800		800	
H	1990+500		1990+500	



风冷模块冷热水机组
Wind cooling modular chiller/heater system



户式风冷冷热水机组
Air-cooling residential chiller/heater system



水冷冷水机组
Water-cooling chiller system



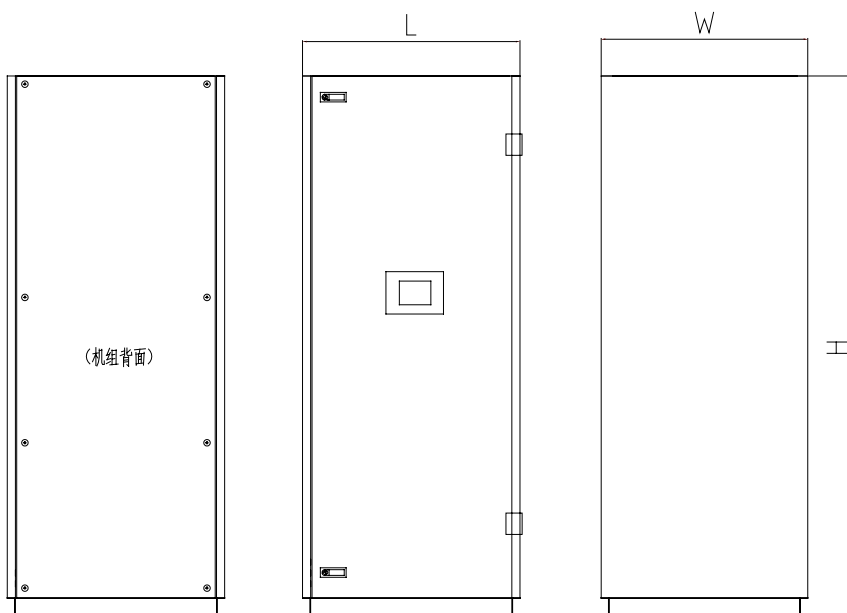
水源热泵机组-地下水循环式
Water source heat pump—Underground water circulating type



水源热泵机组-地下环路式(地埋管)
Water source heat pump—Underground loop type (Embedded pipes)



屋顶式空气调
Rooftop Air Handling Unit



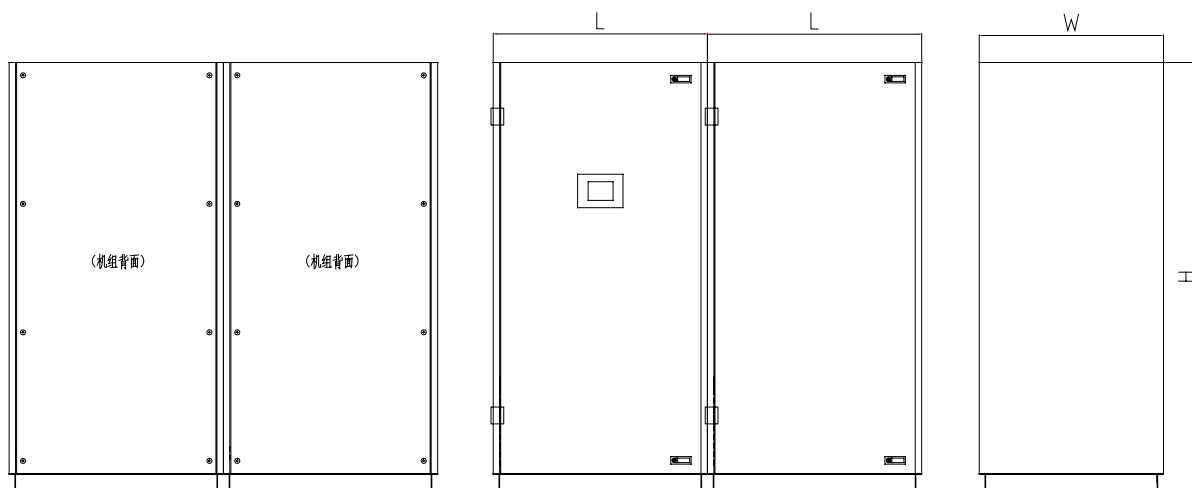
YJFWX系列

YJFWX series

	YJF6WX	YJF8WX	YJF10WX	YJF12WX	YJF15WX	YJF20WX	YJF25WX	YJF830WX	YJF35WX	YJF40WX
L	760			860		960	1300		1460	
W	650			800		800	800		800	
H	1860			1990		1990	1990		1990	

YJFWXM系列

YJFWXM series

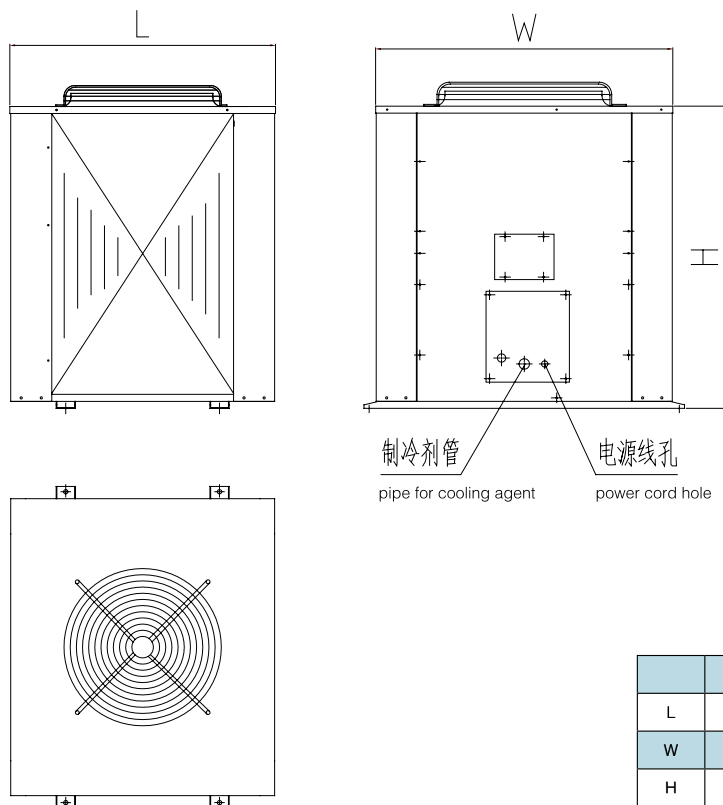


	YJF50WXM	YJF60WXM	YJF70WXM	YJF80WXM
L	2 × 1300		2 × 1460	
W	800		800	
H	1990		1990	

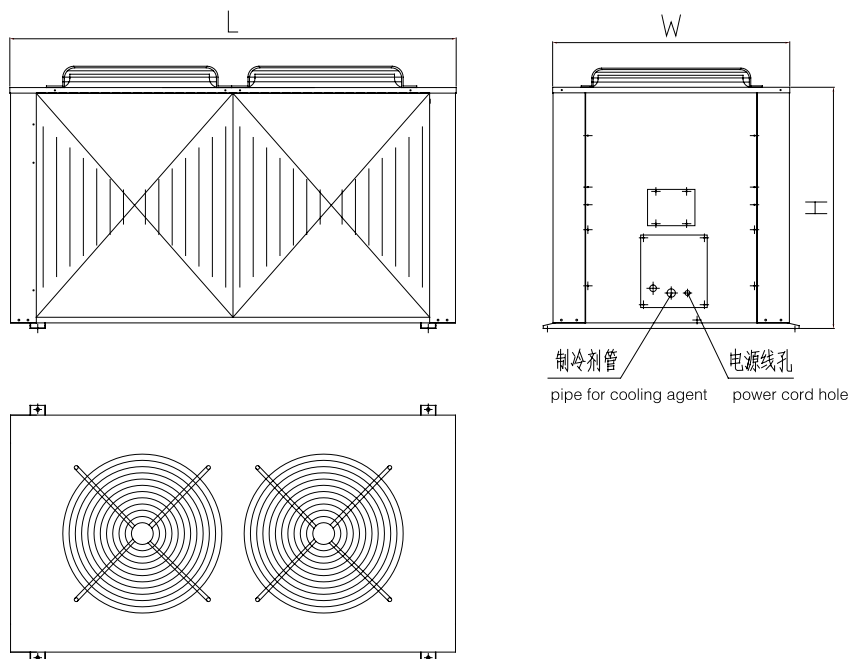
室外机示意图

diagrammatic sketch of outdoor unit

YJFN系列 YJFN series



	J-SW-3-N	J-SW-4-N	J-SW-5-N	J-SW-6-N	J-SW-8-N
L	830			1090	
W	850			940	
H	865			865	



	J-SW-10-N	J-SW-12-N
L	1480	1600
W	850	850
H	865	865



风冷模块冷热水机组
Wind cooling modular chiller/heater system



户式风冷冷热水机组
Air-cooling residential chiller/heater system



水冷冷水机组
Water-cooling chiller system



水源热泵机组-地下水循环式
Water source heat pump—Underground water circulating type

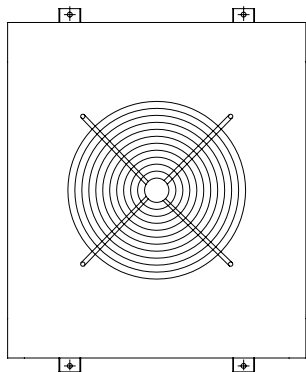
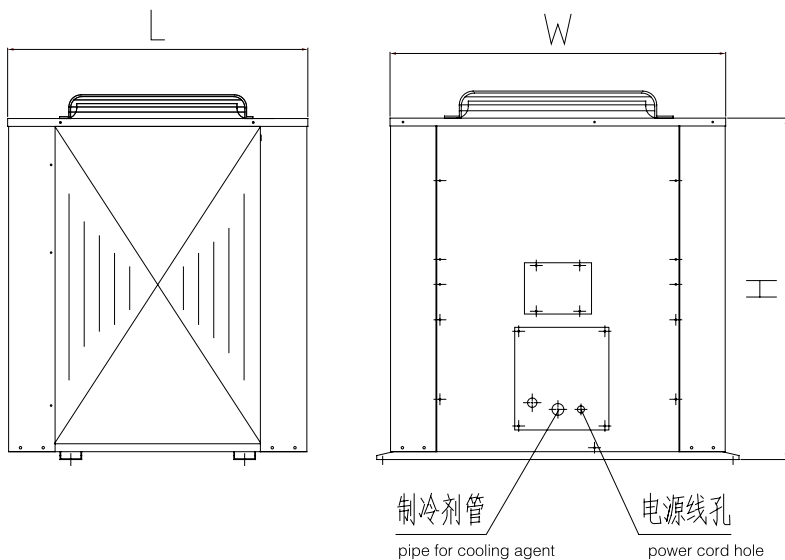


水源热泵机组-地下环路式(地埋管)
Water source heat pump—Underground loop type (Embedded pipes)

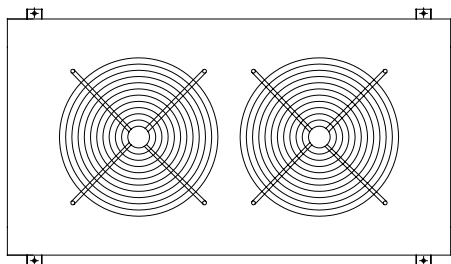
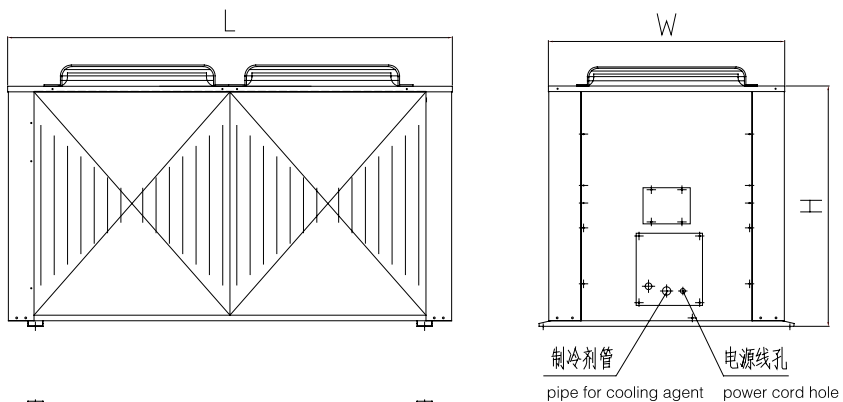


屋顶式空气调
Rooftop Air Handling Unit

YJFWX系列 YJFWX series



	J-SW-3-W	J-SW-4-W	J-SW-5-W	J-SW-6-W	J-SW-8-W
L	830			1090	
W	850			940	
H	865			865	



	J-SW-10-W	J-SW-12-W
L	1480	1600
W	850	850
H	865	865



选型指南

Model selection guide

- 1、样本中提供的为“名义工况”制冷量，若使用环境不一致，选型时请进行适当修正。
- 2、样本中提供的均为机组的“机外余压”，空调送风系统应与送、回风管道系统阻力相匹配，选型时应根据需要对“机外余压”值进行修正。
标准机型只配有“G3板式过滤器”，如有其它要求，请进行技术咨询。
- 3、样本中机型均为标准型，室内、外机的制冷剂连接管道长度要求如下：
※ 压缩机小于10HP：高度差 $\leq 8\text{m}$ 、总长度 $\leq 20\text{m}$
※ 压缩机大于10HP：高度差 $\leq 10\text{m}$ 、总长度 $\leq 24\text{m}$
如超出以上条件，可能会导致空调机制冷量不足或压缩机回油不良、甚至烧坏压缩机的故障。确因安装现场条件恶劣，必需加长连接管道，定货前需进行技术咨询。
- 4、设备管理人员正对空调机操作面，制冷剂连接铜管接口均位于机组背部或底座下部。如根据实际需要，也可以设计为其它方式，请在咨询、订货时注明。
- 5、样本机组均按现行国家标准GB/T 19413-2024《数据中心和通信机房用空气调节机组》进行设计生产。
- 6、样本机组使用的制冷剂均为环保型R407C、R410A的制冷剂性能参数，如需要其余冷媒机组请在咨询、订货时注明。
- 7、公司拥有更改设计的权利，恕不事先通知。

1. The cooling capacity provided in this sample brochure is for the "nominal operating condition". If the operating environment is inconsistent, please make appropriate correction during selection.
2. The sample brochure provides the "outside surplus pressure" of the unit. Air supply system of the air conditioning unit should match the resistance of the air supply and return duct system, and the value of "outside surplus pressure" should be revised according to the need during the selection.
Standard models are only equipped with "G3 plate type filter". If there are other requirements, please have a technical consultation.
3. The models in this sample brochure are all standard ones. The length of refrigerant connection pipe for indoor and outdoor units is required as follows:
Compressor less than 10HP: height difference $\leq 8\text{m}$, total length $\leq 20\text{m}$
Compressor more than 10HP: height difference $\leq 10\text{m}$, total length $\leq 24\text{m}$
If the above conditions are exceeded, it may lead to insufficient cooling capacity of the air conditioner or poor oil return of the compressor, or even the failure of the compressor. If it is necessary to lengthen the connecting pipe due to bad conditions of the installation site, technical consultation is required before placing orders.
4. When equipment management personnel face the operating surface of the air conditioner, the interface of refrigerant connection copper pipe is located at the back of the unit or the lower part of the base. Other types can also be designed according to the actual needs. Please indicate when consulting or placing orders.
5. All units shown in this catalogue are designed and manufactured in compliance with the current national standard GB/T 19413-2024 "Air-conditioning Units for Data Centers and Telecommunication Equipment Rooms".
6. All units in this catalogue adopt eco-friendly refrigerants R407C and R410A, with relevant refrigerant performance parameters provided. If you require units charged with other refrigerants, please specify such requirements during technical consultation and order placement.
7. The Company reserves the right to change the design without prior notice.



风冷模块冷热水机组
Wind cooling modular chiller/heater system



户式风冷冷热水机组
Air-cooling residential chiller/heater system



水冷冷水机组
Water-cooling chiller system



水源热泵机组-地下水循环式
Water source heat pump—Underground water circulating type



水源热泵机组-地下环路式(地埋管)
Water source heat pump—Underground loop type (Embedded pipes)



屋顶式空气调
Rooftop Air Handling Unit



BUILD REPUTATION ON PROJECTS

只要努力满足客户的需求

继续引入更多的优质产品

我们一定能够培育出一个稳定的顾客群体

实现销售网络持续、稳定的增长

If we strive to meet the demands of the clients

continue to produce more products with high quality

We will nourish and set up a steadfast client group

to realise the stable and steadfast expansion of the sales net

优良的品质和周到的服务，亚太集团取得了骄人的业绩。亚太洁净技术工程接连获得了北京小汤山医院、武汉火神山医院、武汉雷神山医院等近百家医院的青睐，以其洁净技术的杰出性能和净化实力，获得市场信任，树立用户口碑。

With excellent quality and considerate service, Yatai Group has made remarkable achievements. Its purification technology projects are successively favored by Xiaotangshan hospital in Beijing, Huoshenshan hospital and Leishenshan hospital in Wuhan. The outstanding performance of clean technology and purification strength have gained market trust for Yatai Group and established its reputation among users.





21Century
YaTai
Group
二十一世纪亚太集团

追求每一个细节尽善尽美
几十年来已溶入我们的血液
光荣与梦想、信念与使命
将激励我们做的更好
seek after the perfection
of every minute details it is melted with
our blood
in the past ten years glory and
dream,faith and mission,will impel us to
do better and more

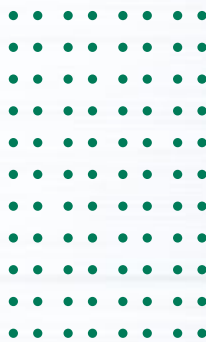
样本名称：计算机和数据处理机房用单元式空气调节机

样本序号：SDYT-YB-A9

版本：2021年第一版

印刷时间：2026

开本：1194×889竖16开



www.yatai.cc



地址：德州市大学东路1186号
电话：(0534) 2551888 传真：(0534) 2551887
电子信箱：yatai@yatai.cc
Add: East of University Road, Dezhou City
Tel: (0534) 2551888 Fax: (0534) 2551887
Http://www.yatai.cc E-mail: yatai@yatai.cc

亚太集团各办事处联系方式：How to contact the branches of Yatai Group:

北京办事处 电话：(010)51908328 传真：(010)51908329 Beijing Office Tel: (010)50918328 Fax: (010)50918329	天津办事处 电话：(022)28350313 传真：(022)28350323 Tianjin Office Tel: (022)28350313 Fax: (022)28350323	山西办事处 电话：(0351)3377255 传真：(0351)3377256 Shanxi Office Tel: (0351)3377255 Fax: (0351)3377256	陕西办事处 电话：(029)87998107 传真：(029)87998105 Shanxi Office Tel: (029)87998107 Fax: (029)87998105	内蒙古办事处 电话：(0471)6914102 传真：(0471)6914103 Neimenggu Office Tel: (0471)6914102 Fax: (0471)6914103	河南办事处 电话：(0371)66205099 传真：(0371)66205228 Henan office Tel: (0371)66205099 Fax: (0371)66205228	辽宁办事处 电话：(024)31963712 传真：(024)31963711 Liaoning Office Tel: (024)31963712 Fax: (024)31963711
青岛办事处 电话：(0532)82887975 传真：(0532)82887976 Qingdao Office Tel: (0532)82887975 Fax: (0532)82887976	安徽办事处 电话：(0551)64274878 传真：(0551)64274868 Anhui Office Tel: (0551)64274878 Fax: (0551)64274868	四川办事处 电话：(028)83317691 传真：(028)83317692 Sichuan Office Tel: (028)83317691 Fax: (028)83317692	甘肃办事处 电话：(0931)2791920 传真：(0931)2791920 Gansu Office Tel: (0931)2791920 Fax: (0931)2791920	吉林办事处 电话：(0431)81232176 传真：(0431)81232178 Jilin Office Tel: (0431)81232176 Fax: (0431)81232178	徐州办事处 电话：(0516)83061415 传真：(0516)83061462 Xuzhou office Tel: (0516)83061415 Fax: (0516)83061462	黑龙江办事处 电话：(0451)51757348 传真：(0451)51754348 Heilongjiang office Tel: (0451)51757348 Fax: (0451)51754348
宁夏办事处 电话：(0951)7659633 传真：(0951)7659633 Ningxia Office Tel: (0951)7659633 Fax: (0951)7659633	新疆办事处 电话：(0991)6634488 传真：(0991)6628805 Xinjiang Office Tel: (0991)6634488 Fax: (0991)6628805	雄安新区办事处 电话：(0312)5621156 传真：(0312)5621157 Xiongan New Area Office Tel: (0312)5621156 Fax: (0312)5621157	湖北办事处 电话：(027)84638881 传真：(027)84638882 Hubei Office Tel: (027)84638881 Fax: (027)84638882			