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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

CHILLERS 制冷机组系列

A9

Unit air conditioners for computer and data processing rooms

计算机和数据处理机房用单元式空调调节机



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We knew the world before, the world knows us now.



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德州亚太集团有限公司

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

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中国德州亚太集团
DEZHOU YATAI GROUP
CHINA

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Dezhou 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、印度帕帕多拉工程等为代表的重点项目，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.

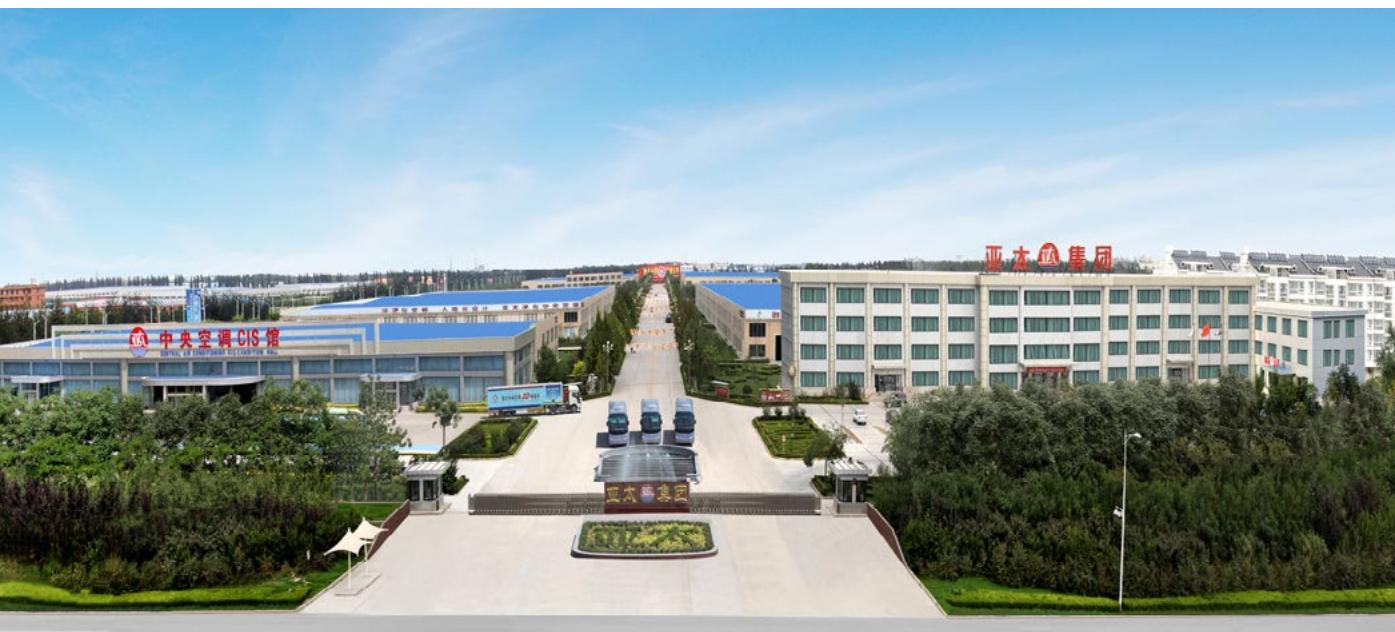
Yatai has certified by ISO9001, 14001, 3C, UL, CE, CRAA and others; its chiller names have been put on the government purchasing list as energy saving products and obtained dozens of national patents, National High-technology Enterprise and Chinese Famous Trademark, which show the managements and product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



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the First-grade Certification of Electromechanical Equipment Installation

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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

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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-cooled 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调调节机

CHILLERS
制冷机组系列





节机组

it

 单元式空调调节机-恒温恒湿型
Cellular Air Handling Unit-Constant Temperature And Humidity Type

 单元式空调调节机-冷热风型
Cellular Air Handling Unit-Cold/Hot Air Type

 机房专用空调机
Special air-conditioner for computer room

 除湿机
Dehumidifier

 单元式空调调节机-吊顶式-冷热风型
Cellular Air Handling Unit-Suspension Type-Cold/Hot Air Type

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、下送风二大类、28个规格型号，单机制冷量6–90kW，送风量1700–25500m³/h。

本样本产品按现行国家标准GB/T 19413–2010《计算机和数据处理机房用单元式空气调节机》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
- ※ 钢性结构，坚固耐用
- ※ 予留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 6–90kW. Air supply capacity is 1700–25500m³/h.

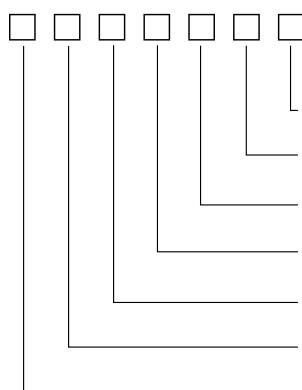
The product in this catalogue is produced and designed as per the national standard GB/T 19413–2010 Unit Type Air Conditioner for Computer and Data Processing Room.

- ※ 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

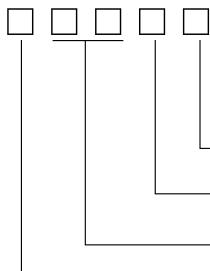
公司代号：Y-亚太集团

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 pipes)屋顶式空气调节机
Rooftop Air Handling Unit

室外机型号命名

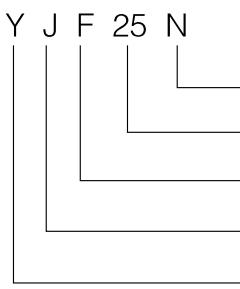
Outdoor unit naming



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:

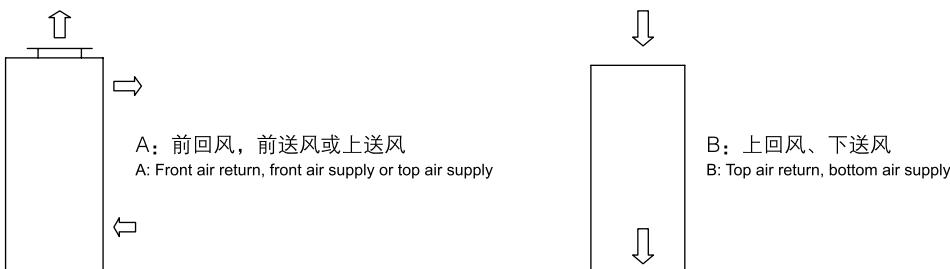
For example:



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



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/T19413-2010《计算机和数据处理机房用单元式空气调节机》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。

If the unit requests outdoor temperature beyond the national standard GB/T19413-2010 Unit Type Air Conditioner for Computer and Data Processing Room, its performance parameter and outside size are not listed on this catalogue. It can be customized if needed.



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 | R-22 | | | | | | | | | |
| | | 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 | 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 |
| | | 形式 Mode | 电极式 Electric pole type | | | | | | | | | |
| | 加湿器 Humidifier | 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：

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

Note:

- The above models are top air supply types. The air vent is optional.
- Refrigeration power refers to the power consumed by refrigeration operation under nominal working conditions.
- The above are the standard residual pressure types. If there are special requirements, non-standard design is optional.
- Dimension of air supply vent is not included, for reference only.
- 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 pipes)屋顶式空气调节机
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 | R-22 | | | | | | | | | | |
| | | 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

| 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 |
| | 能量控制 Energy control | % | 0/50/100 | 0/50/100 | 0/50/100 |
| | 电加热 Electric heating | kW | 2×9.0 | 2×9.0 | 2×12.0 |
| | 送风量 Air supply volume | m³/h | 2×7000 | 2×8500 | 2×9800 |
| | 机外余压 Margin blast pressure | Pa | 50–120 | 50–120 | 50–120 |
| | 机组噪音 Unit noise | dB(A) | 82 | 83 | 84 |
| | 温控范围 Temp control range | °C | 17–28 ± 1°C | | |
| | 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 |
| 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 | R-22 | | |
| | | 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 | | |
| | | 初效 Coarse filter | G3-板式 G3 panel type | | |
| | 过滤器 Filter | 电加热 Electric heating | 2×9.0 | 2×9.0 | 2×12.0 |
| | | 形式 Mode | 电极式 Electric pole type | | |
| | 加湿器 Humidifier | 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:

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

Note:

- The above models are modular top air supply mode. The air vent is optional.
- Refrigeration power refers to the power consumed by refrigeration operation under nominal working conditions.
- The above is the standard residual pressure type. If there are special requirements, non-standard design is optional.
- Dimension of air supply vent is not included, for reference only.
- 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 pipes]屋顶式空气调节机
Rooftop Air Handling Unit

YJFWXM模块系列

YJFWXM module series

| 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 | 2×9.0 | 2×9.0 | 2×12.0 | 2×12.0 |
| | 送风量 Air supply volume | m³/h | 2×7000 | 2×8500 | 2×9800 | 2×11500 |
| | 机外余压 Margin blast pressure | Pa | 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 |
| 主要部件 Main components | 制冷剂 Cooling agent | 使用工质 Working medium | R-22 | | | |
| | | 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 | | | |
| | | 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 |
| | | 形式 Mode | 电极式 Electric pole type | | | |
| | 加湿器 Humidifier | 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 | | 1990 | |
| | 重量 Weight | 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 | | | 1020 | | 1480 | 1600 | | | | |
| | 宽 (mm) Width | 850 | | | 850 | | 850 | 850 | | | | |
| | 高 (mm) Height | 865 | | | 865 | | 865 | 865 | | | | |
| 连接钢管 (焊接) Connect copper tube (welding) | 供液管 Feed pipe | Φ9.0×0.8 | | | | Φ 12.0 × 1.0 | Φ 16.0 × 1.0 | | | | | |
| | 排汽管 Exhaust pipe | Φ 12.0 × 1.0 | | | | Φ 22.0 × 1.0 | Φ 22.0 × 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 | | | 1020 | | 1480 | 1600 | | | | |
| | 宽 (mm) Width | 850 | | | 850 | | 850 | 850 | | | | |
| | 高 (mm) Height | 865 | | | 865 | | 865 | 865 | | | | |
| 连接钢管 (焊接) Connect copper tube (welding) | 供液管 Feed pipe | Φ9.0×0.8 | | Φ9.0×0.8 | | Φ 12.0 × 1.0 | Φ 16.0 × 1.0 | | | | | |
| | 排汽管 Exhaust pipe | Φ 12.0 × 1.0 | | Φ 22.0 × 1.0 | | Φ 28.0 × 1.0 | Φ 35.0 × 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.



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]



屋顶式空气调节机

Rooftop Air Handling Unit

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。

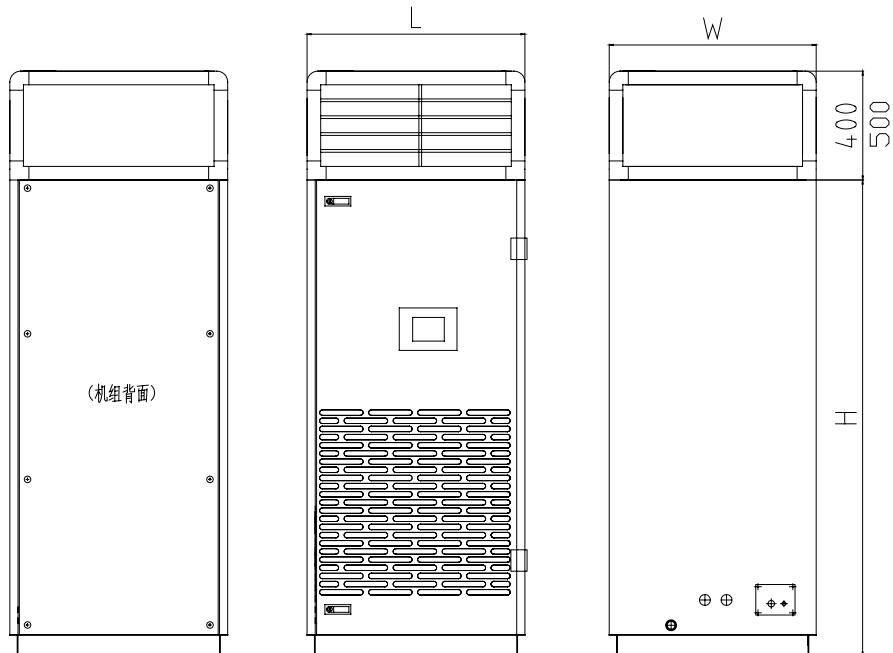
1. Outdoor unit with "*" is standard configuration.

2. According to users' actual needs, other combinations can be carried out.



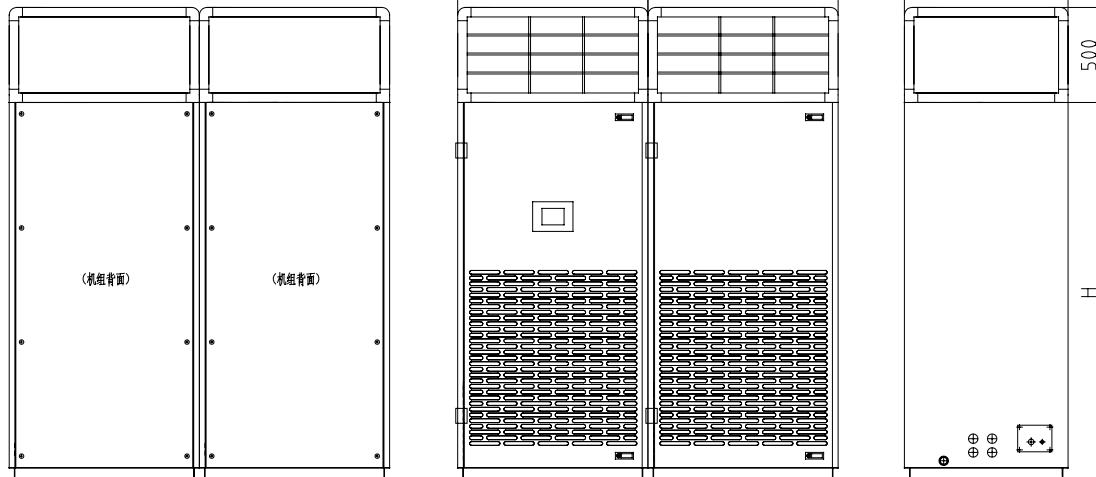
室内机示意图

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

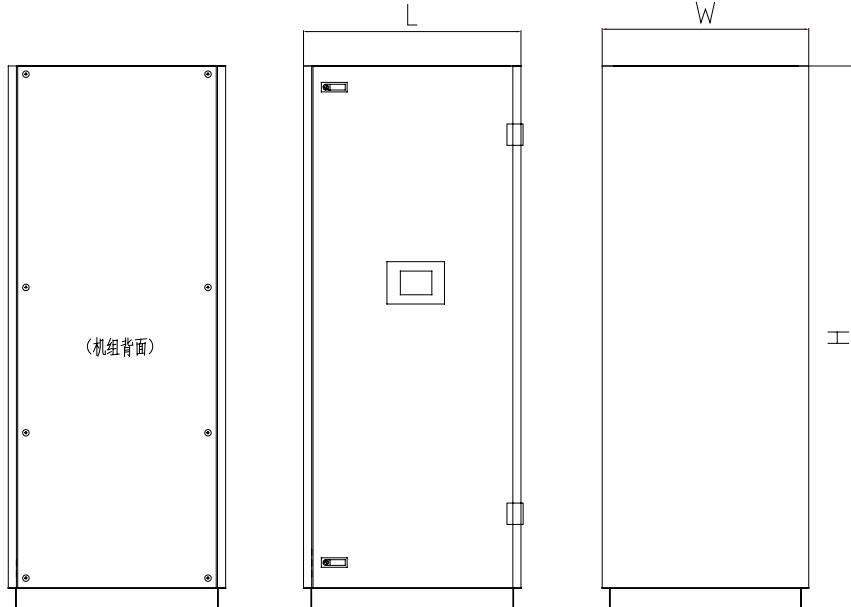
水冷冷水机组
Water-cooling chiller system

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

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

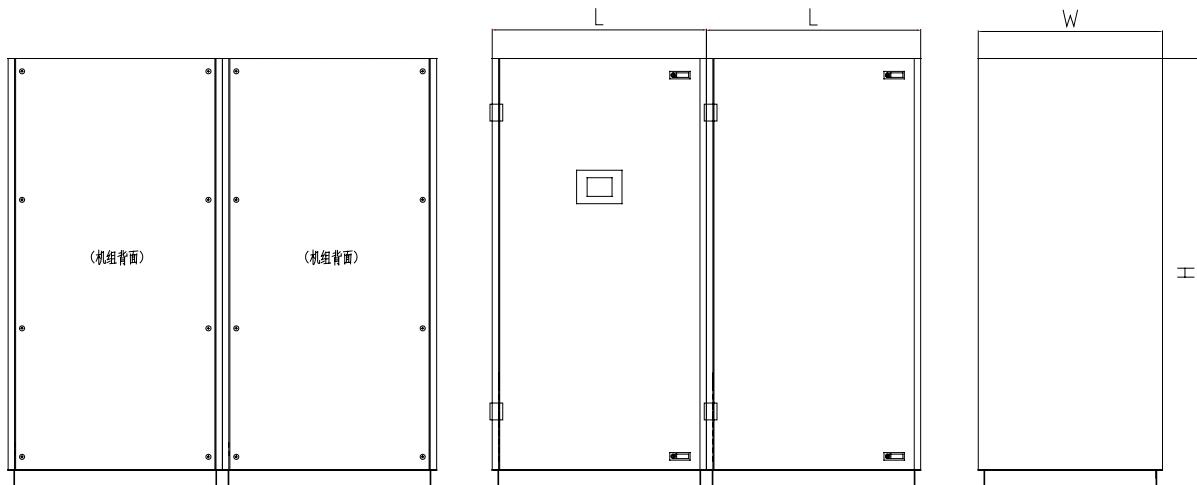
屋顶式空气调节机
Rooftop Air Handling Unit

YJFWX系列 YJFWX series



| | YJF6WX | YJF8WX | YJF10WX | YJF12WX | YJF15WX | YJF20WX | YJF25WX | YJF30WX | 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

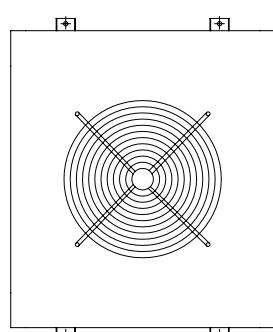
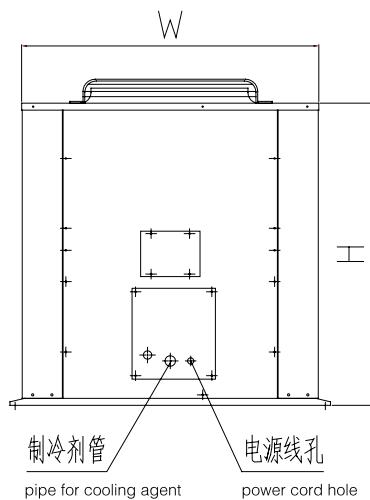
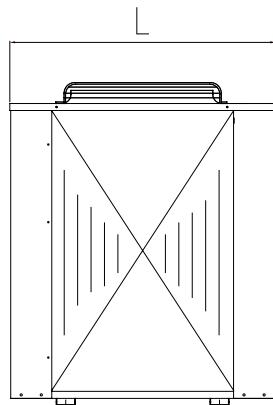


| | YJF50WXM | YJF60WXM | YJF70WXM | YJF80WXM |
|---|----------|----------|----------|----------|
| L | 2 × 1300 | | 2 × 1460 | |
| W | 800 | | 800 | |
| H | 1990 | | 1990 | |

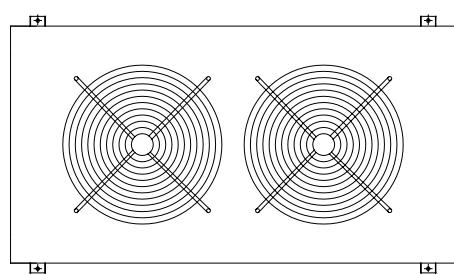
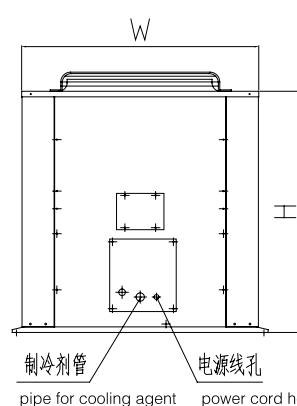
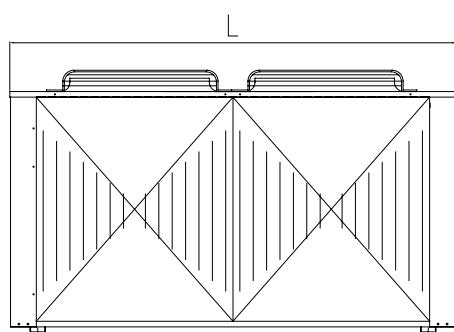


室外机示意图

diagrammatic sketch of outdoor unit



| | J-SW-3-N | J-SW-4-N | J-SW-5-N | J-SW-6-N | J-SW-8-N |
|---|----------|----------|----------|----------|----------|
| L | 830 | | | 1020 | |
| W | 850 | | | 850 | |
| 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



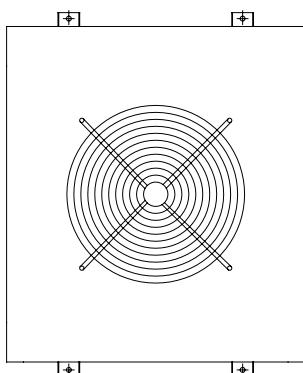
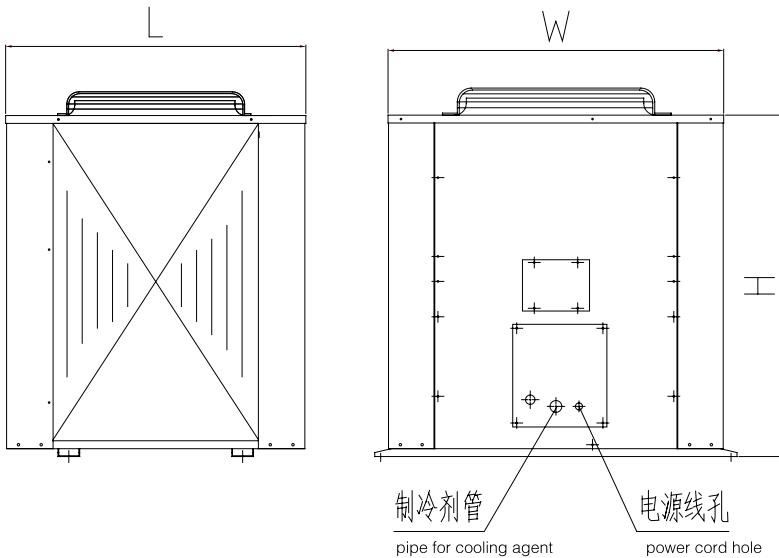
水源热泵机组—地下水循环式
Water source heat pump—Underground water circulating type



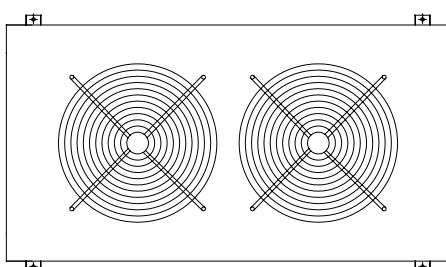
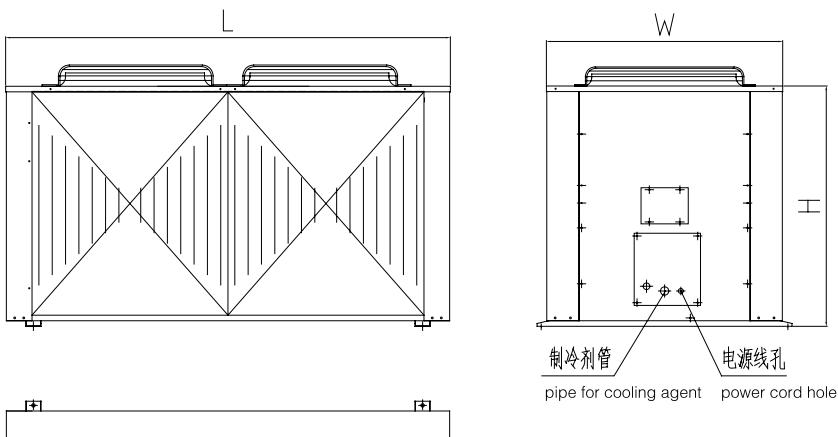
水源热泵机组—地下环路式(地埋管)
Water source heat pump—Underground loop type (Embedded pipes)

屋顶式空气调节机
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 | | | 1020 | |
| W | 850 | | | 850 | |
| 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≤8m、总长度≤20m
 ※ 压缩机大于10HP：高度差≤10m、总长度≤24m
 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 19413-2010《计算机和数据处理机房用单元式空气调节机》进行设计生产。
- 6、样本机组使用的制冷剂均为R22。采用环保型R407C、R410A的制冷剂性能参数未列出，如需要请在咨询、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 ≤8m, total length ≤20m
Compressor more than 10HP: height difference ≤10m, total length ≤24m
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. The units in this sample brochure are designed and produced according to the current national standard GB/T 19413-2010 "Unit Air Conditioner for Computer and Data Processing Room".

6. The refrigerant used by the units in this sample brochure is R22. The refrigerant performance parameters of environment-friendly R407C and R410A are not listed. If necessary, please indicate it when consulting and placing orders.

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



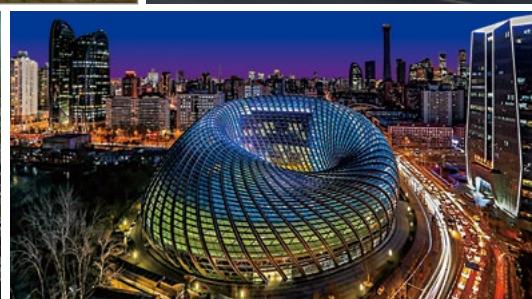
水源热泵机组-地下水循环式
Water source heat pump—Underground water circulating type



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



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Rooftop Air Handling Unit



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 单元式空调调节机-恒温恒湿型
Cellular Air Handling Unit-Constant Temperature And Humidity Type

 单元式空调调节机-冷热风型
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dream, faith and mission, will impel us to

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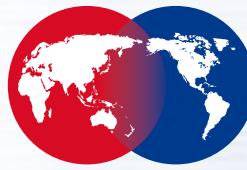
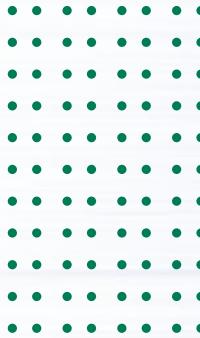
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